ASSESSMENT REPORT ON THE 2011 GEOCHEMICAL SAMPLING AND PROSPECTING ON THE BIG CREEK PROPERTY

LOCATED IN THE WHITEHORSE MINING DISTRICT

BC 1 – 654 (YD120301 – YD120954)

NAD83 ZONE 8
UTM COORDINATES 358700E, 6930700N
NTS MAPSHEETS 115I/05, 115I/12

OWNER
TECK RESOURCES LIMITED
Suite 3300, 550 Burrard Street
Vancouver, B.C.

REPORT BY
ANDREA BERG, BSc.
AND
RANDY FARMER, P.Geo.

May 24, 2012

Work Period: June 15 – 18 and July 4 – 30, 2011

TABLE OF CONTENTS

1.0 Summary……1
2.0 Location and Access……1
3.0 Claim Status……4
4.0 Property History……4
5.0 Geological Setting
5.1 Regional Geology……6
5.2 Property Geology……7
6.0 Deposit Types……7
7.0 Mineralization……9
8.0 2011 Exploration Program……9
9.0 Geochemical Analytical Procedures……10
10.0 Interpretation and Conclusions……11
11.0 References……18

LIST OF FIGURES

1 Property Location Map……3
2 Claim Map……5
3 Regional Geology Map……8
4 Stream Sediment Sample Location Map……13
5 Stream Sediment Geochemistry Maps
5a Stream Sediment Geochemistry: Au……14
5b Stream Sediment Geochemistry: Ag……15
5c Stream Sediment Geochemistry: Cu……16
6 Soil Sample Location Map……In Pocket
7 Soil Geochemistry Maps
7a Soil Geochemistry: Au……In Pocket
7b Soil Geochemistry: Ag……In Pocket
7c Soil Geochemistry: Cu……In Pocket
8 Rock Sample Locations and Geochemistry……17

LIST OF TABLES

1 Claim Summary……4

APPENDICES

Appendix I	Statement of Qualifications
Appendix II	Statement of Expenditures
Appendix III	Rock Sample Observations
Appendix IV	Field Visit Report – Dave Heberlein
Appendix V	Stream Sediment Geochemical Analytical Certificates
Appendix VI	Soil Geochemical Analytical Certificates
Appendix VII	Rock Geochemical Analytical Certificates

1.0 SUMMARY

This report discusses geochemical sampling and prospecting carried out on the Big Creek Property by Teck Resources Limited during the 2011 exploration program. The program focused on exploration for gold mineralization within the Dawson Range corridor with the aim of identifying targets for future testing by diamond drilling.

The 2011 program consisted of soil and stream geochemical sampling and prospecting completed during the month of July. A total of 44 stream sediment samples, 746 soil samples and 31 rock samples were collected from the Big Creek claims.

2.0 LOCATION, ACCESS AND PHYSIOGRAPHY

The Big Creek Property is located within the southern Dawson Range, approximately 85 kilometres northwest of the community of Carmacks, and 70 kilometres southwest of the community of Pelly Crossing (by air). All claims that make up the Big Creek property fall within the Whitehorse Mining District.

Access to the property is gained by helicopter transport from the community of Carmacks. Carmacks is located on the Klondike Highway, approximately 175 kilometres north of the City of Whitehorse by road. The Freegold Road is a Yukon Government-maintained dirt road, accessible by vehicle traffic during the summer months, and runs from Carmacks to approximately 30 kilometres SE of the Big Creek property. During the winter months, the Casino Winter Trail provides access to the property for the purposes of mobilizing equipment, fuel and supplies via winter cat trains (subject to permits). The Casino Trail starts at the end of the Freegold Road.

The following is sourced from Heberlein, 2011:

"Big Creek lies in the southern Dawson Range, which makes up part of the Yukon Plateau physiographic province. The area is characterized by moderate relief with elevations ranging from 750 to 1300 metres amsl in the claim area. This part of the Dawson Range escaped the two most recent glaciations. As a result, the surface is typified by rolling hills with the highest elevations preserving an older pre-glacial erosional surface between 1000 and 1300 metres amsl.

Drainages are incised into the erosional surface and form a trellised pattern with tributary streams for third and second order drainages joining at high angles. With the exception of Big Creek itself, which has a U-shaped profile, most second and first order drainages are steeply

incised and have juvenile V-shaped profiles. Slopes flanking these drainages can be very steep and commonly exceed 25 degrees.

Ridge tops and upper slopes are characterized by scattered outcrops of Carmacks Group basalts. These are separated by areas of felsenmeer that forms fields of large angular boulders of the same material. The felsenmeer grades into rubbly scree on the steeper upper slopes. Lower slopes are covered by a veneer of colluvial deposits no more than one metre thick containing angular to sub angular rock fragments of various sizes in a soil matrix. Lower slopes and valley floors tend to be boggy with organic soils dominant.

Permafrost is common on upper slopes above 1000 metres regardless of aspect but is most prevalent on north and east facing slopes at lower elevations. Permafrost areas are poorly drained and may have an active surface layer with irregular shaped frost boils overlying permanent ice at a depth of no more than 20 cm. On south and west facing slopes, permafrost is irregularly developed and is most prevalent in areas with shallower gradients or depressions. These areas characteristically have poor drainage and stunted trees.

Vegetation cover varies with elevation and slope aspect. At highest elevations mosses and lichens form a spongy surface layer on top of bedrock or felsenmeer. Dominant shrubs in this environment are willows, aspen, Labrador tea and stunted white spruce. White spruce forest with aspen and alder under story is prevalent on the intermediate slopes and well drained south facing hill sides. These give way to a mixture of black and white spruce at lower elevations where wetter conditions prevail. In all settings, trees are relatively widely spaced. The intervening ground is covered by a spongy moss and lichen layer or grasses on open, well drained south facing slopes. “

N
ALASKA
Old Crow
NORTHWEST
TERRITORIES
Eagle Plains
YUKON
Dawson City
Mayo
Pelly Crossing
Beaver Creek
Carmacks
Faro
Ross River
Alaska Highway
Klondike Highway
Robert Campbell Highway
Burwash Landing
Haines Junction
Whitehorse
Carcross
BRITISH
COLUMBIA
Big Creek Property
Parks and Protected Areas
Secondary Highway
Primary Highway
Teck
Teck Resources Limited
Suite 3300, 550 Burrard Street
Vancouver, BC Canada
Big Creek Property
Whitehorse Mining District / Yukon Territory
Property Location Map
DATUM: NAD 83
PROJECTION: Yukon Albers
Figure
1
DATE: May 24, 2012
DRAWN BY: A.Berg

3.0 CLAIM STATUS

The Big Creek Property consists of 654 contiguous quartz mining claims in the Whitehorse Mining District of the Yukon Territory. The property is located on the NTS sheets 115I/05 and 115I/12. The owner and operator for all claims listed is Teck Resources Limited. The requested renewal date for all 654 claims based on work completed in 2011 was March 6, 2015. The following is a summary of the property claims.

Claim Name	Grant Number	Number of Claims	Owner	Expiry Date
BC 1- 654	YD120301 – YD120954	654	Teck Resources Ltd.	December 6, 2011

Table 1: Claim Summary

4.0 PROPERTY HISTORY

During the staking rush which followed the announcement of the Casino prospect in the latter part of 1969 (approximately 50 kilometres northeast of the Big Creek Property) several companies launched exploration programs within the Big Creek claim group.

In December of 1969, Chataway Exploration Company Ltd. staked the GB 1-96 claim group located at the north end of the Big Creek property. Field reconnaissance and a geochemical survey were completed in 1970 but no significant mineralization or soil anomalies were recognized.

In 1970 the STAR 1-40 claim group was staked by Starbird Mines Ltd. on the south side of Prospector Mountain in the southwest corner of the Big Creek claim group. In February of 1971, an airborne magnetometer survey and a geochemical survey over the STAR (1-40) group were completed. The airborne survey detected an anomalous magnetic high which coincided with copper highs from the geochemical survey.

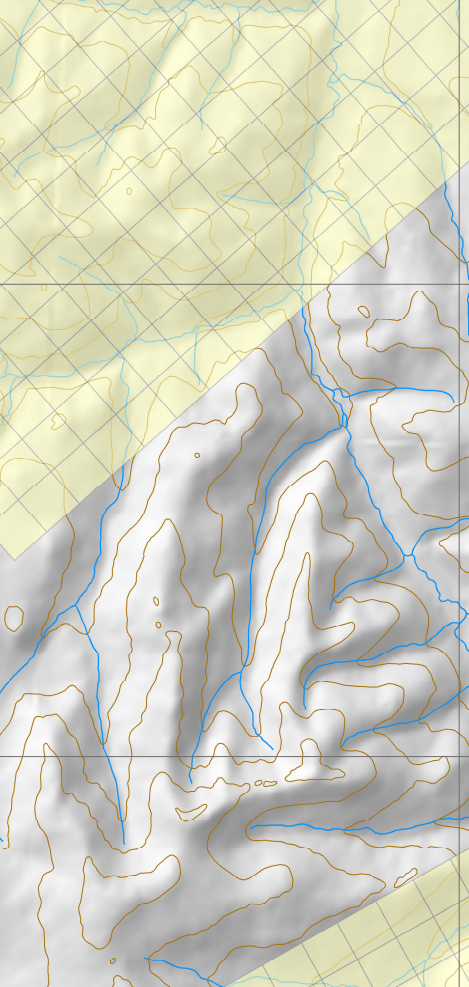
During the summer of 1971, Occidental Minerals Corporation of Canada staked the PRO Claim group immediately north of the STAR claims. Geological mapping and geochemical sampling completed by Occidental Mineral Corp. identified six geochemical anomalies associated with the following mineralization: Chrysocolla in andesite of the Mt Nansen group; native copper, tetrahedrite and copper oxides along the syenite contact; and pyrite, tetrahedrite, enargite, proustite and sphalerite in felsic dykes.

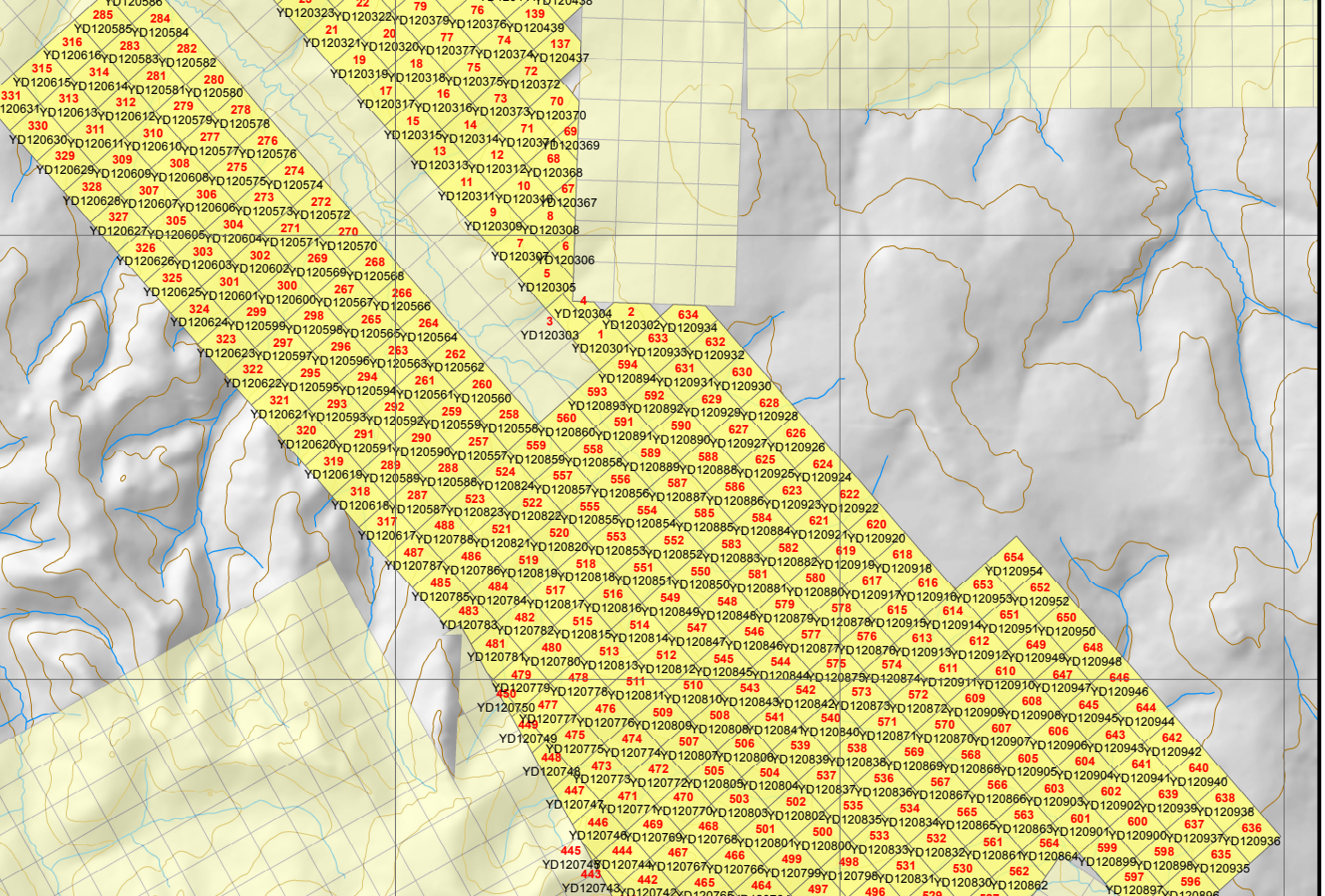
Placer mining activity along Hayes Creek which runs between the central boundaries of the Big Creek claim group was documented from 1898 to the 1989. Gold in small amounts was reported as far upstream as Butterfield Creek located adjacent to the northwest end of the Big Creek claim group. No significant placer mining operations were found within the property.

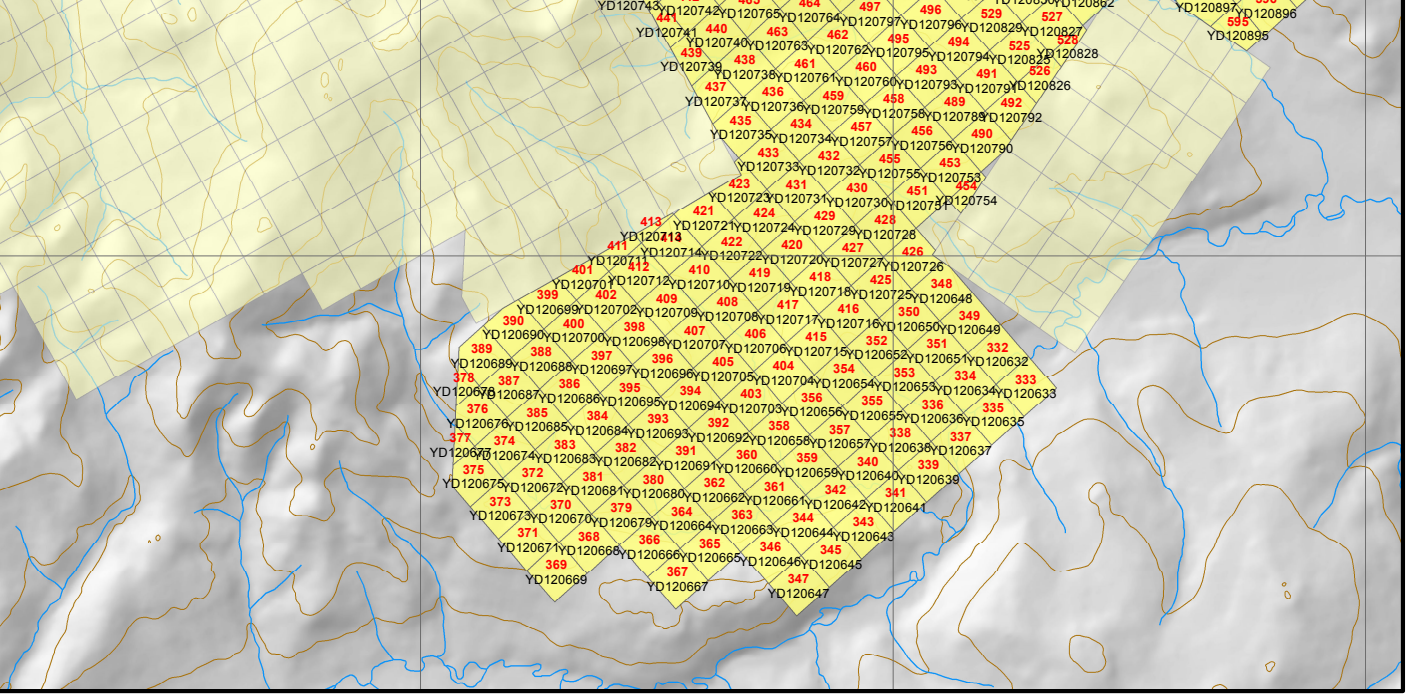
350000 355000 360000 365000

6945000 6940000 6935000 6930000 6925000

N







Big Creek Claims - Assessment
Yukon Quartz Claims
Rivers
Lakes
500 Ft Contour Intervals

Labels:
Claim #
Grant #

Teck

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Claim Map

DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 2
DATE: May 24, 2012	DRAWN BY: A. Hansen	

5.0 GEOLOGICAL SETTING

5.1 Regional Geologic Setting

The property is located in the unglaciated part of the central Dawson Range Copper-Gold belt within the Yukon Tanana Terrane. The Yukon-Tanana Terrane is thought to have accreted to the ancient North American continent along the northwest-southwest trending Tintina fault and is bounded to the southwest by the Denali fault of the same orientation. Encompassing a large part of the Omenica Belt, the Yukon-Tanana Terrane extends into Alaska and British Columbia and lies within the broader scale Tintina Gold Province. The Paleozoic basement rocks of the Yukon Tanana Terrane consist of mainly Devonian to Mississippian aged metasediments and lesser metavolcanics including quartzite, micaceous quartzite, schist and dioritic gniesses. These rocks have a characteristic northwest trending foliation.

Numerous episoides of intrusive events throughout the early Jurassic and Cretaceous periods intruded basement statigraphy in the area, and belong to the regionally expansive Dawson Range Batholith. These intrusive bodies include the Long Lake Suite, Aishihik Suite, Whitehorse Suite and Prospector Mountain Suite. The early Jurassic (185-192Ma), plutonic Long Lake Suite is characterized by quartz monzonite to granite and may be locally syenitic (Big Creek Syenite). Following the Long Lake Suite, the Aishihik Suite includes foliated granodiorite and hornblende diorite to monzodiorite. The above units are exposed on the Freegold Mountain property to the south-southeast of the Big Creek claims. The Whitehorse suite, including the Casino Granodiorite and Coffee Creek Granite, is a collection of biotite quartz-monzonite, biotite granite and leucogranite, and porphyritic (K-feldspar) granitoids (Johnston, 1995). The above mentioned Cretaceous units were all subsequently cut by the Late Cretaceous Prospector Mountain Suite plutons, stocks and dykes composed of fine to coarse grained massive granitic rocks of predominantly felsic to intermediate composition.

Volcanic rocks in the area include the Mid Cretaceous Mount Nansen Group and the Upper Cretaceous Carmacks Group. The Mount Nansen group (105-100Ma), believed to be co-magmatic with the Dawson Range Batholith, consists of volcanic and subvolcanic rocks including andesite to dacite flows, breccia and tuff; quartz-feldspar porphry dykes and sills, and rhyolite. Superimposing the Dawson Range Batholith is the Carmacks Group volcanics (70-75Ma). This group consists of andesitic and basaltic volcanic strata but may include felsic volcanic rocks dominantly at the base of the succession and locally, basal clastic strata (GSC, Open File 1101). In some instances tuff may be interbedded with basaltic flows in the overlying sequence. Small laths of plagioclase and pyroxene are also commonly present within the fine grained ground mass. The felsic phases of the Carmacks Group is difficult to distinguish from the similar Mt. Nansen felsic volcanics. The Carmacks Group volcanic rocks are cross-cut by plutonic rocks of the Prospector Mountain Suite.

The area is transected by the regionally continuous, northwest trending Big Creek Fault which parallels the Tintina and Denali faults, which are located approximately 100 kilometres northeast and 140 kilometres southwest of the Big Creek Fault, respectfully. The sub-parallel South Big Creek fault lies south-southwest of the property. Placer mining activity has indicated an affinity for gold mineralization

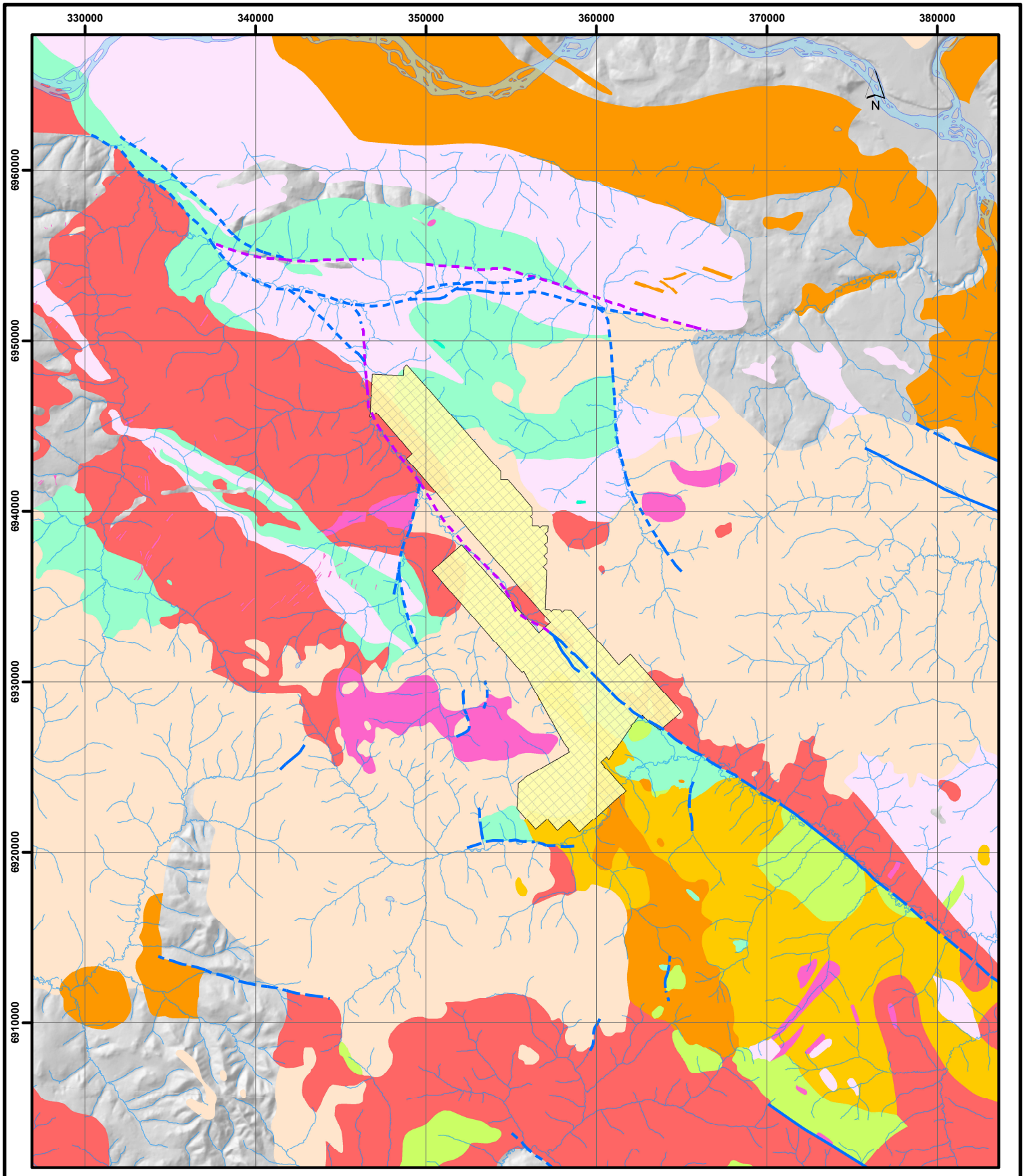
along the trend of the Big Creek fault, also reflected by several porphyry-style and related epithermal-style prospects bordering the property including Nu*cleus*, Sonora Gulch, Casino and Cash.

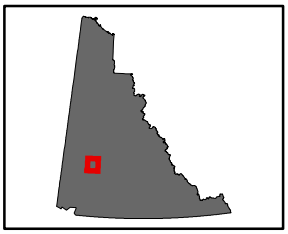
5.2 Property Geology

The Big Creek Property is predominantly underlain by medium to coarse-grained, equigranular biotite hornblende granodiorite to quartz diorite of Jurassic to Mid-Cretaceous age comprising the Dawson Range batholith, hornblende monzonite of the Jurassic (?) Big Creek Suite, hornblende biotite granodiorite to diorite of the Triassic (?) Klotassin Suite (Payne, 1987), and andesitic to basaltic rocks of the Late Cretaceous Carmacks Group volcanics. Upper slopes and ridge tops are dominated by Carmacks Group volcanics along the length of the property, with the older intrusive rocks outcropping in the north, central and southernmost areas of the claim area, predominantly at lower topographic levels. Granodiorite intrudes metamorphic rocks of Yukon Tanana Terrane, consisting of buff to brown weathered quartzite and quartz-mica schist within the property. Grey to pink quartz porphyry rocks were also observed on slopes that span the central-northeast side of the central valley within the claim group.

6.0 DEPOSIT TYPES

The Dawson Range geological region hosts numerous mineral occurrences along the length of the belt. The northwest-trending Big Creek Fault links several significant mineral deposits, including Nucleus (low sulphidation epithermal) and Revenue (Cu-Au porphyry) at the Freegold Mountain gold camp , Nightmusic (skarn), Amadeus (epithermal) and Gold Vein (porphyry) at Sonora Gulch, Cash (Cu-Mo-Au porphyry), and Casino (Au-Cu-Mo porphyry). There are also numerous documented mineral occurrences along the trend. Whithin these occurrences, mineralization has been hosted by basement metamorphic rocks of the Yukon Tanana Terrane or Cretaceous intrusive bodies, and has been correlated with various igneous events, including the Mount Nansen Group, the Carmacks Group and the Prospector Mountain Suite. Mineralization on the Big Creek Property could be present as either porphyry and epithermal style mineralization associated with older (105 Ma) intrusions beneath the Carmacks Group, or porphyry and epithermal mineralization associated with younger (70 Ma) intrusions and hydrothermal alteration related to the Carmacks Group igneous sequence and Prospector Mountain intrusive suite.





Big Creek Claims
Rivers
Lakes

Faults

Fault, approximate, movement undefined
Fault, assumed, movement undefined
Fault, assumed, normal/reverse
Fault, defined, movement undefined

Bedrock Geology

LATE CRETACEOUS TO TERTIARY
LKqP
LKyP
LKfP

MID-CRETACEOUS
mKgW
mKqW
mKN

UPPER CRETACEOUS
uKC1
uKC2
uKC3

EARLY JURASSIC
EJgA
EJyL
EJqL

LATE DEVONIAN TO MISSISSIPPIAN
DMgPW

DEVONIAN, MISSISSIPPIAN AND(?) OLDER
DMN2
DMN3
DMN5

Gordey, Makepeace, 2001

Teck

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Regional Geology

1:300,000

DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 3
DATE: May 24, 2012	DRAWN BY: A. Hansen	

7.0 MINERALIZATION

Teck completed limited prospecting in 2011 in conjunction with the soil and stream geochemical surveys. A total of 31 rock samples were collected from the property. No significant gold values were returned from the rock sample assays. One rock sample, taken from a rusty quartz vein hosted in weathered granite, returned values of 432ppm Mo and 62 ppm Cu. Four additional samples, collected from basalt and andesite outcrop and subcrop, returned copper values ranging from 44 to 323 ppm Cu. Zones of anomalous soil geochemistry are noted and warrant further confirmation by geological mapping and prospecting plus additional soil geochemistry.

8.0 2011 EXPLORATION PROGRAM

The 2011 exploration program on the Big Creek property consisted of soil and stream sediment geochemistry and limited prospecting/rock sampling. A preliminary field visit was carried out between June 15 and 18, 2011 by two crew members with Dave Heberlein, a consulting geochemist. A crew of four to five persons carried out the sampling and prospecting on the property starting July 4, 2011 and completing the program on July 30, 2011. An additional contract crew of four persons carried out the stream sediment sampling between July 4 and 11, 2011.

Two types of soil samples were collected during the 2011 exploration program, depending on the interpreted presence or absence of widespread permafrost and/or colluvium or alluvium cover. Conventional B-horizon soil samples were collected along selected ridgelines and contour lines within the property area. Along ridge tops and high-elevation contours, the soils encountered are generally interpreted to be locally-derived. In the central portion of the property, conventional B-horizon soil sampling does not prove particularly useful due to the presence of transported material, including colluvial and alluvial cover. In these areas, the organic Ah (humic) horizon was sampled in an attempt to detect ionic anomalies through this cover, and possibly even below the Carmacks Group volcanics which are also locally present in the valley. The Ah horizon is rich in humic acids, giving it the ability to trap mobile ions by chelation with organic acids from sources down to 300 metres depth (Heberlein, 2011). For B-horizon soils, at each sample site approximately 1 kilogram on average of soil was collected and placed in either a heavy plastic sample bag or a Hubco 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. The A-horizon organic samples were similar in size, but significantly lighter. A-horizon soil samples were bagged and labeled the same as the B-horizon samples. Each sample site was located using a hand-held Garmin GPS. All samples were

delivered by crew members to the Acme Analytical ("Acme") prep laboratory in Whitehorse, Yukon for preparation and subsequently shipped to Acme in Vancouver for analysis.

Stream sediment samples were collected from exposed and submerged mid channel gravel bars as well as exposed and submerged near bank and point bars of selected streams within the property. In narrow, deep channeled creeks only submerged mid channel sands and gravels were available. Reasonable efforts were made to locate and sample heads of bars when available. Once an appropriate sample site was selected, the objective was to collect at least 700 grams of -60 mesh (0.25 mm) sample material by means of processing stream bed material. Material was shoveled from a pit up to 1 metre deep and transferred to a 14 inch diameter plastic classifier sifting pan (1 cm opening) and wet-sieved into a 10 litre plastic pail. A -60 mesh (0.25 mm) stainless steel sieve was then use to wet-sieve material into an attached stainless steel receiver pan to recover the target sample material. Samples where then transferred into pre-labelled Hubco sample bags, secured with a zip tie and placed in a plastic sleeve for field transport. Samples were drip dried in a secure contaminant-free structure prior to transport by crew members to the Acme prep lab in Whitehorse. Following preparation, samples were shipped by Acme to their Vancouver laboratory for analysis.

Prospecting was completed in conjunction with soil sampling along ridge tops and where rock was visibly outcropping on the property. 1-3 kilogram rock samples were collected as outcrop, subcrop or float grabs and placed in heavy plastic sample bags with a lab-issued sample tag. Sample bags were secured with a zip tie and the sample number was written on the outside of the bag. All rock samples were delivered by crew members to the Acme prep lab in Whitehorse for preparation and subsequently shipped by Acme to their laboratory in Vancouver for analysis.

9.0 GEOCHEMICAL ANALYTICAL PROCEDURES

All samples were sent to Acme Analytical Laboratories ("Acme") in Whitehorse and Vancouver for processing and analysis. Acme is an ISO 9002 accredited facility and services numerous exploration programs in Yukon. A total of 746 soil samples, 44 stream sediment samples and 31 rock samples were collected from the Big Creek Property during the 2011 exploration program.

The preparation procedure for soil samples involves oven-drying the sample material at 60 degrees Celsius and then screening to -180 microns (-80 mesh ASTM). Samples are handled, dried and screened in an area dedicated for specific media to avoid contamination from other types of samples. A 30g sample of the -80 mesh material was then digested in aqua regia solution and diluted with distilled water. This solution was then analyzed for 53 elements by

Inductively Coupled Plasma Mass Spectrometry (ICP-MS) according to the Acme 1F06 analytical procedure.

Stream sediment samples were prepared by first drying the sample, then screening to -150 mesh. A 30 gram sample of the -150 mesh material was then digested in aqua-regia solution and diluted with distilled water. This solution was then analyzed for 53 elements by ICP-MS according to the Acme 1F06 analytical procedure.

Rock samples were prepared by first drying the sample, then crushing 1 kilogram of rock to 80% passing 10 mesh, splitting 1000 grams and pulverizing to 85% passing 200 mesh. A 30 gram sample of the 200 mesh material was then digested in aqua-regia solution and diluted with distilled water. This solution was then analyzed for 53 elements by ICP-MS according to the Acme 1F06 analytical procedure, as well as for gold by Fire Assay fusion with Inductively Coupled Plasma Emission finish according to the Acme G601 procedure.

10.0 INTERPRETATION AND CONCLUSIONS

Soil and Stream Geochemical Sampling and Prospecting Results

Soil and stream sampling and prospecting revealed several areas of elevated gold and associated elements on the Big Creek Property. Laboratory analytical certificates are located in Appendices V, VI, and VII. Locations and geochemistry maps of soil, stream sediment and rock samples are illustrated on Figures 4 through 8.

Stream sediment sampling was carried out on the property in early July, and returned several anomalous samples, including up to 435 ppb Au, 57 ppm Cu, and 571 ppm Ag. The most notable anomalies in stream sediments were for silver, with 11 samples returning values greater than 200 ppb Ag, and producing logical and consistent anomalies, increasing in value upstream. Anomalous streams were predominantly located on the southwest portion of the property, within the southwest 'limb' and the furthest south claims of the claim group. Stream sediment sample locations and geochemistry are illustrated on Figures 4, 5a, 5b and 5c.

B-horizon soil sampling was completed along ridge tops and contours, and revealed several anomalous zones worth noting. One of the soil lines was a contour line located in the northern portion of the property, returning up to 105 ppb Au-in-soil with associated anomalous arsenic up to 174 ppm As and copper up to 145 ppm Cu . Another B-horizon contour line in the far south of the property returned an upper value of 24 ppb Au-in-soil and several samples with elevated arsenic and silver. A ridgetop and contour soil line located on the left 'limb' of the claim group returned anomalous copper up to 86 ppm Cu. Silver was also anomalous on a

contour soil line located on the south side of the valley, which is adjacent to a multi-elemental anomaly revealed by the widely-spaced Ah soil grid which spans the valley. Follow-up soil contour lines at lower elevations or small soil grids are recommended as follow up to these B-horizon soil geochemical anomalies.

Ah-horizon soil sampling was completed as a widely-spaced grid across the central valley of the property, in an attempt to target mineralization below colluvial and alluvial cover or at depths below the Carmacks Group volcanic rocks. Results from the Ah soil sampling revealed a multi-elemental anomaly in the south-central portion of the grid. Silver is the most pronounced anomaly, with 27 samples returning values greater than 500 ppb Ag. Four of these 27 samples had values between 2103 and 2601 ppb Ag, and seven samples were between 100 and 200 ppm Cu. Gold was subdued in the Ah soil grid. Infill geochemical soil lines are recommended to define the anomalous zone, as well as geological mapping and sampling on the slopes and ridges adjacent to the zone to the south and north. Soil sample locations and geochemistry are illustrated on Figures 6, 7a, 7b and 7c.

Teck completed limited prospecting in 2011 in conjunction with the soil and stream geochemical surveys. A total of 31 rock samples were collected from the property. No significant gold values were returned from the rock sample assays. One rock sample, taken from a rusty quartz vein hosted in weathered granite outcropping on a road cut on the northeast side of the property, returned values of 432ppm Mo. Moderately to intensely-altered foliated quartz-eye porphyry and weathered granites were present in the outcrops adjacent to the aforementioned sample. Four additional samples, collected from basalt and andesite outcrop and subcrop, returned copper values ranging from 59 to 323 ppm Cu. These four samples were taken from locations in the southeast portion of the claim block, on slopes and ridges flanking the main valley. Detailed geological mapping and additional prospecting is recommended in areas where soil geochemical anomalies have been identified. Rock sample locations and geochemistry are illustrated on Figure 8.

350000 355000 360000 365000

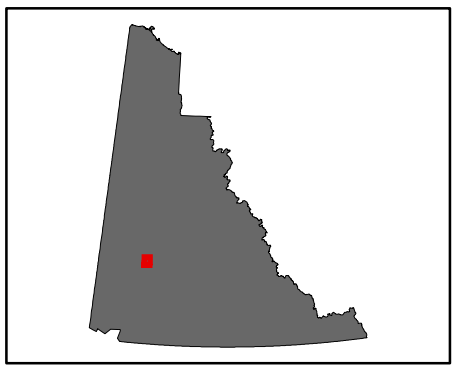
6945000 6940000 6935000 6930000 6925000

N

1077493 1077494 1077497 1077464 1077498 1077465 1077266 1077265

1077483 1077484 1077485 1077481 1077482 1077480 1077279 1077474 1077477 1077476 1077274 1077478 1077479 1077276 1077287 1077288 1077283 1077286 1077486 1077272 1077285 1077487 1077488 1077489 1077490 1077472 1077271 1077270 1077471

1077267 1077268 1077466 1077468 1077467 1077469 1077269



- Stream Samples
- Big Creek Claims
- Rivers
- Lakes
- 500 Ft Contour Intervals

Teck

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Stream Sample Locations

1:80,000

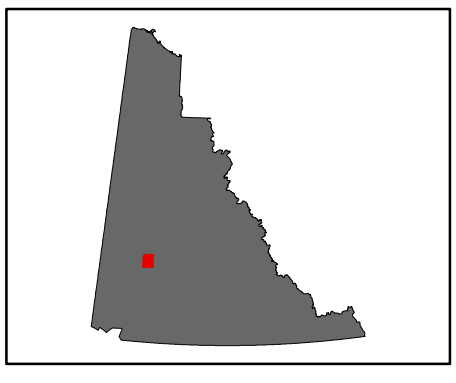
DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 4
DATE: May 24, 2012	DRAWN BY: A. Hansen	

350000 355000 360000 365000

6945000 6940000 6935000 6930000 6925000

N

3.4
2.7
1.5
52.2
3.5
1.3
9.3
2.8
1.3
41.2
1.8
9.9
5
1.4
1.6
9.3
153.7
2
9.5
67.3
323.1
101
5.2
20.2
2.4
1.4
4.2
0.4
1.7
5.1
5.2
9.1
1.9
2.2
157.9
80.3
4.4
94.3
24.5
32.5
3
165.8
154.6
434.8



Big Creek Claims
Rivers
Lakes
500 Ft Contour Intervals

Stream - Au PPB

- <5
- 5-10
- 10-20
- 20-50
- 50-100
- 100-200
- 200-500
- >500

Teck

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Stream - Au PPB

1:80,000

DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 5a
DATE: May 24, 2012	DRAWN BY: A. Hansen	

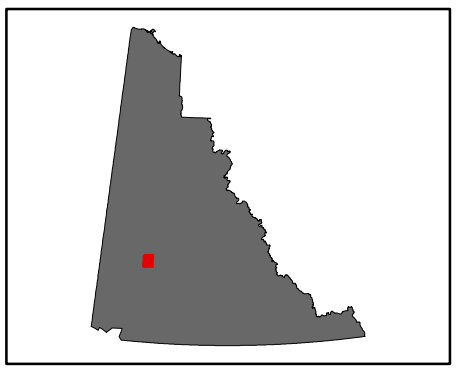
350000 355000 360000 365000

6945000 6940000 6935000 6930000 6925000

N

98 80 51 43 35 21 30 20

30 22 24 27 33 77 114 82 140 169 212 288 382 571 222 311 40 27 19 41 23 485 500 242 118 19 188 163 225 213 106 115 126 115 120 168



Big Creek Claims
Rivers
Lakes
500 Ft Contour Intervals

Stream - Ag PPB

- <10
- 10-20
- 20-50
- 50-100
- 100-200
- 200-500
- 500-1000
- >1000

Teck

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Stream - Ag PPB

1:80,000

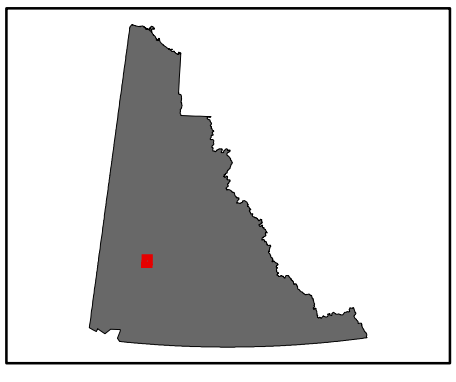
DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 5b
DATE: May 24, 2012	DRAWN BY: A. Hansen	

350000 355000 360000 365000

6945000 6940000 6935000 6930000 6925000

N

18.98
14.72
13.8
11.95
17.64
13.42
22.39
17.25
11.38
12.05
16.1
20.24
19.64
21.57
47
43.28
35.37
44.79
49.64
42.75
47.67
53.2
16.09
17.88
40.11
16.88
52.85
48.44
21.9
56.79
52.24
20.48
31.22
20.82
23.43
30.86
41.02
51.31
25.94
24.49
18.32
17.53
25.2
24.63



Big Creek Claims
Rivers
Lakes
500 Ft Contour Intervals

Stream - Cu PPM

- <5
- 5-10
- 10-20
- 20-50
- 50-100
- 100-200
- 200-500
- >500

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Stream - Cu PPM

1:80,000

DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 5c
DATE: May 24, 2012	DRAWN BY: A. Hansen	

350000 355000 360000 365000

6945000 6940000 6935000 6930000 6925000

N

1076159
0.005
20
3.99

1076160
0.005
34
0.98

1076157
0.005
450
6.79

1076008
0.0025
27
7.57

1076057
0.005
45
41.54

1076058
0.005
47
28.05

1076056
0.005
16
19.08

1076158
0.005
10
2.18

1076013
0.005
16
4.44

1076017
0.005
13
18.02

1076252
0.005
30
19.19

1076016
0.005
23
2.84

1076015
0.005
20
1.5

1076027
0.005
8
1.51

1076019
0.005
54
64.31

1076028
0.005
169
62.4

1076024
0.005
19
4.23

1076026
0.005
13
1.54

1076023
0.005
9
3.36

1076025
0.005
12
1.38

1076021
0.005
11
1.68

1076022
0.005
9
2.35

1076029
0.005
332
19.83

1076033
0.005
607
322.95

1076035
0.005
50
8.54

1076037
0.005
14
2.43

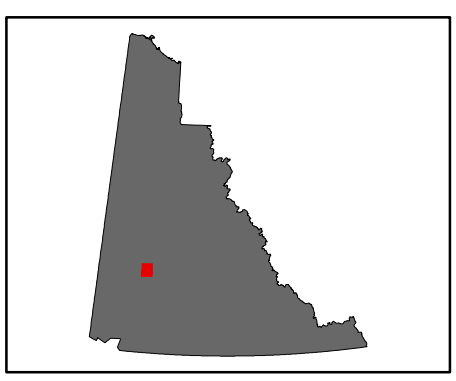
1076038
0.007
40
7.01

1076036
0.005
96
7.91

1076039
0.005
20
3.71

1076032
0.005
49
44.1

1076034
0.005
177
59.27



- Traverse
- Rock Samples
- Big Creek Claims
- Rivers
- Lakes
- 500 Ft Contour Intervals

Sample ID
Au - PPB
Ag - PPB
Cu - PPM

Teck

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Rock Sample Locations

1:80,000

DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 8
DATE: May 24, 2012	DRAWN BY: A. Hansen	

11.0 REFERENCES

Allebone, G.C. and Mehrotra, P.N. (1971): Geology and Geochemistry of the PRO Claim Group; report for Occidental Minerals Corporation of Canada.

Armitage, A., Campbell, J., 2012. Technical Report on the Resource Estimate on the Nucleus Au-Cu-Mo Porphyry Deposit, Freegold Mountain Project. Prepared for Northern Freegold Resources Ltd. By Alan Sexton GeoVector Management Inc.

Campbell, P., Armitage, A., and Barnes, W., 2010. Technical Report on the Nucleus Property, Freegold Mountain Project, Including an updated mineral resource estimate.

Carlson, G. (1973): Geological and Geochemical Evaluation Report on the STAR 1-40 Claim Group; report for Starbird Mines Ltd.

Craig, D.B. and Milner, M.W. (1972): Mineral Industries Report 1971-72, Department of Indian and Northern Affairs Canada, v. 1 p. 70-71.

Craig, D.B. and Laporte, P. (1970): Mineral Industry Report 1969-70, Department of Indian Affairs and Northern Development, v.1, p. 74.

Gordey, S.P., Makepeace, A. J. , 2001. Geological Survey of Canada, Open File 3754.

Heberlein, D., 2011. Field Visit Report, Big Creek Project, Yukon Territory. Prepared by Herberlein Geoconsulting for Teck Resources Ltd.

Johnston, S.T., 1995. Geological compilation with interpretation from geophysical surveys of the northern Dawson Range, central Yukon (115J/9&10; 115I/12) (1:100,000 scale map). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada. Open File 1995-2(G).

Johnston, S.T., 1993. Geological Map of Wolverine Creek (115I/12) Dawson Range, Yukon (1:50,000 scale map). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada. Open File 1993-3(G).

Kreft, B. (1994): Placer Mining and Exploration Compilation NTS 115I and 115 J/K, Department of Indian and Northern Affairs Canada, Open File 1994-9(G).

Mineral Deposits Research Unit (MDRU), Geological Map of the Dawson Range – White Gold Area, Yukon. (1:250,000 map scale). University of British Columbia.

Payne, J., 1987. Geology of Colorado Creek (115J-10), Selwyn River (115J-9) and Prospector Mountain (115I-5) map areas (1:50,000 map scale). Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada, Open File 1987-3.

Page, R.H., 2011. Technical Report on the Sonora Gulch Project. Prepared for Northern Tiger Resources by Watts, Griffis and McOuat Consulting Geologists and Engineers.

Pautler, J., 2009. Technical Report on the Tad/Toro Project. Prepared by JP Exploration Services Inc. for 0851045 BC Ltd.

Sander, S.L. (1971): Report on an Airborne Magnetometer Survey and Partial Geochemical Survey Over the STAR Group of claims; report for Starbird Mines Ltd. by Geo-X Surveys.

Tempelman-Kluit, D.J., 1984. Geology, Laberge (105E) and Carmacks (115I), Yukon Territory. Geological Survey of Canada, Open File 1101.

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 2011 field exploration program on the Wolf Property, and I was on the property for extended periods during the 2011 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 24-May-2012
at Vancouver, British Columbia

Statement of Qualifications

I, Randy farmer, do hereby certify that:

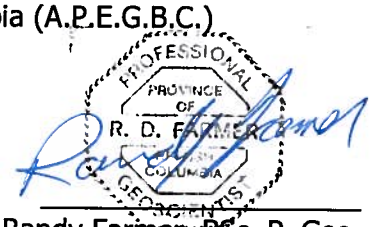
1. I am employed as a geologist with the title of Exploration Manager, Canada, USA by Teck Resources Limited with offices at Suite 3300 – 550 Burrard St., Vancouver, B.C. V6C 0B3. 604-699-4000.

2. I attended Lakehead University in Thunder Bay, Ontario and graduated in 1980 with a B.Sc. degree in Geological Sciences

3. I have worked in the mineral exploration industry since June 1978.

4. I supervised the collection of the data contained in this report and have reviewed the content of this reoprt.

5. I am a practicing Professional Geoscientist (PGeo.) in good standing with the Association of Professional Engineers and Geoscientists of British Columbia (A.P.E.G.B.C.)



Randy Farmer, BSc, P. Geo.
Manager Exploration, Canada USA
Teck Resources Limited

Date: May 24/2012

APPENDIX II

STATEMENT OF EXPENDITURES

Big Creek Exploration Expenditures 2011

Exploration Work type	Comment	Days			Totals
Personnel	**Field Days**	**Days**	**Rate**	**Subtotal***	
Geologist 1	June 16-18, July 10-30	24	$435.26	$10,446.15	
Geologist 2	June 16-18, July 4-30	30	$406.46	$12,193.92	
Senior Geologist	July 4-12	9	$650.48	$5,854.32	
Field Assistant 1	July 4-30	27	$312.48	$8,436.96	
Field Assistant 2	July 4-30	27	$312.48	$8,436.96	
				$45,368.31	**$45,368.31**
Office Studies	**Personnel (Office)**				
General research	Geologist 1	3.0	$435.26	$1,305.77	
Report preparation	Geologist 1	22.0	$435.26	$9,575.64	
				$10,881.41	**$10,881.41**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Stream sediment	44 stream sediment samples	44	$34.49	$1,517.42	
Soil	746 soil samples	746	$27.98	$20,875.09	
Rock	31 rock samples	31	$26.10	$809.23	
				$23,201.75	**$23,201.75**
Consulting/Contracting		**No.**	**Rate**	**Subtotal**	
Stream Sediment Sampling	Invoiced (percentage based on number of samples from property)	0.18	$78,395.00	$14,493.19	
Soil Geochemistry Consultant	Invoiced	1.00	$5,504.70	$5,504.70	
				$19,997.89	**$19,997.89**
Transportation		**No.**	**Rate**	**Subtotal**	
Helicopter	Astar BA	81.5	1,391.25	$113,386.88	
	Long Ranger	5.9	1,312.50	$7,743.75	
Fuel	Purchased fuel cost	1.00	$24,111.36	$24,111.36	
				$145,241.99	**$145,241.99**
Accommodation & Food					
Hotel, cabins	Actual accommodation costs	1.00	$13,558.27	$13,558.27	
Meals	Actual meal costs	1.00	$3,861.33	$3,861.33	
				$17,419.60	**$17,419.60**
Equipment					
Field Gear	Safety and first aid gear, sampling and prospecting gear and supplies, telecommunications.	1.00	$1,853.23	$1,853.23	
				$1,853.23	**$1,853.23**
TOTAL Expenditures					**$263,964.18**

APPENDIX III

ROCK SAMPLE OBSERVATIONS

Rock Samples - Field Observations

SAMPLE #	SAMPLE TYPE	NOTES
1076008	Float Grab	Epithermal quartz float with vuggy, colliform and drusy quartz; local bedrock is basalt.
1076252	Subcrop Grab	Sample of basalt on north side of valley. Abundant hardened white crust (altered gouge?). Granitoid xenolith implies proximity to fault surface. Heavily altered, mineral filled vesicles replaced w/ soft clay. Abundant chlorite, epidote, chlorite grains
1076056	Float Grab	Rusty weathering andesite with minor qtz veinlets to crackle breccia in float in soil pit.
1076057	Outcrop Chip	Orange weathering basalt cut by 1.5m wide vertical zone of rubble breccia with minor limonite and trace bright red mineral (realgar?) in veinlets and vesicles.
1076058	Outcrop Grab	Relatively fresh andesite cut by minor irregular +/- calcite-quartz-chalcedony-limonite (after sulphide) veinlets.
1076157	Float Grab	Subcrop? Large boulders near top of spur, quartz veins and silicified basalt with epithermal texture, no visible sulphide, limonite and black Mn ocide weathering, small cubic voids possibly from py. (sample number 1076157)
1076158	Float Grab	Float taken from within soil pit. Dominant lithology chlorite schist, sample of large rock ~10cmX10cm and numerous pebble size massive milky quartz with orane limonite staining and grey veinlets(Mn oxide?)sample number 1076158
1076159	Float Grab	Purpleish grey Andesitic Basalt, chlorite replacement of mafic phenos, limonite staining, 15-20% Biotite phenos ~1mm, weak, white clay alteration halo around rusty clasts (mafics?) sample # 1076159
1076160	Outcrop Chip	felsic, light purplish quartz porphy? Tuff like? Rusty moderatly altered limonite mafics, black Mn oxide staining, subrounded quartz eyes <10%, weakly magnetic light grey metallic clast (hem?), light green epidote alteration sample # 1076160
1076013	Float Grab	Float grab taken from soil pit; plag-phyric quartz diorite; med grained; some megacrystic plag phenos, hbl, epidote veining; no sx observed.
1076015	Float Grab	Felsic qtz-eye porphyry; bleached/altered to buff-pinkish colour; moderate sericite +/- argillic alt. plus patchy hematite-flooded zones (red-purple colour) with limonite/goethite; aphanitic groundmass; qtz phenos sub-rounded 0.5-2mm; few euhedral plag la
1076016	Float Grab	Silicified-cherty felsic porphyry; qtz eyes visible in some zones; 0.2-.5mm plag phenos; red to purplish colour (hematite flooding?)
1076017	Outcrop Grab	Olivine-phyric basalt outcrop; aphanitic groundmass; 15% bright green subhedral olivine phenos (1-5mm); 0.5-4mm calcite nodules; no sx observed; weakly gouged.
1076019	Outcrop Grab	Basalt outcrop; prx phenos; groundmass dark grey; phenos of a translucent, yellowish mineral (olivine?); rusty mineral boundaries (hcl rxn); Fe-carbonate (ankerite?) replacement.
1076021	Subcrop Grab	Bleached coarse-grained granodiorite in road cut; beige to yellow colour; trace mafics; moderate argillic alteration as yellowish clays plus sericite(?); P50, Q20, K25, M5.
1076022	Field Dup	Bleached coarse-grained granodiorite in road cut; beige to yellow colour; trace mafics; moderate argillic alteration as yellowish clays plus sericite(?); P50, Q20, K25, M5.
1076023	Float Grab	Rock from roadside cut; chlorite-altered, rusty c.g. granodiorite; pervasive iron staining; strong chlorite replacement of mafics; moderate argillic alteration of plag; manganese oxide occurs along fractures and on wx surfaces; Q25, P45, K10, M20.
1076024	Outcrop Grab	Roadcut outcrop next to pink trailer on casino trail; fractured bedrock; mod argillic altered c.g. granite; interstitial quartz; Q35, K20, P30, B10, M5; Fe-staining, limonite/goethite along fractures; biotite altered to chlorite in patchy zones.
1076025	Outcrop Grab	M.g. granite in fractured o/c near pink trailer; lim-goeth stained fractures plus dendritic pyrolusite along fracture surfaces and grain boundaries; rusty appearance; black manganese-coated wx surface; kspar-rich.
1076026	Outcrop Grab	Weakly foliated felsic qtz-eye porphyry; light grey to pink colour; f.g. groundmass; 20% qtz phenos are sub-rounded but elongate in one orientation and average 2mm; moderately gouged with visible slickenlines; rock has bleached appearance
1076027	Outcrop Grab	Moderately foliated qtz-eye porphyry; silicified zones and stained purple from hematite, black from manganese; within a crumbly, clay-rich gouge zone; 'gummy' clay-rich gouge is yellow, pink, purple.
1076028	Outcrop Grab	Qtz vein in granite; qtz vein is rusty with some fine musc; no sx observed; host granite is intensely weathered and crumbly; in a cliff between qtz-eye porphyry; irregular contact with QP.
1076029	Subcrop Grab	Dark grey to green f-grained basalt; weak chlorite alteration; hard; 0.5-1mm biot. & hbl phenos; 1% py as fine disseminations and blebs of fine py.
1076032	Outcrop Grab	Dark grey to black v.f.g. to aphanitic basalt; <5% 0.1-0.2mm plag phenos; 0.1% py as fine blebs.
1076033	Subcrop Grab	Dark green to purplish f.g. andesite; patchy/blebby epidote and 0.5-1mm chlorite grains after biotite and/or hbl; orange/brown goethite/lim on fractured surface plus shiny black Mn staining.
1076034	Subcrop Grab	Med to dark green and pink/purplish andesite with epidote blebs, chlorite (repl.); trace silverish sulphide assoc. with epidote blebs.
1076035	Outcrop Grab	Quartz diorite; P55, Q10, H20-25, B5, Epi5-10; abundant lt. green epidote veins and veinlets plus blebs/grains; rock still very fresh; no sx observed; similar to rocks seen in soil pits in valley below; weak foliation (mafics weakly aligned).
1076036	Outcrop Grab	F.g. white to greenish with pinkish zones felsic dyke; silicified/hard; cuts across granitoid rock; no sx observed; green = chlorite?
1076037	Outcrop Grab	Green chlorite and epidote-altered quartz diorite; chlorite: moderate, pervasive and replacement; epidote: moderate pervasive and as veinlets; weak magnetic response; narrow, rusty veinlets.
1076038	Outcrop Grab	Light green to beige schist composed of muscovite, plag, qtz, biotite; weakly gneissic; moderately to weakly foliated.
1076039	Float Grab	Felsic, fine-grained moderately foliated rock (quartzite?); located on rubbly ridge top with schist; trace arsenopyrite.

APPENDIX IV

FIELD VISIT REPORT – DAVE HEBERLEIN

Heberlein Geoconsulting
Extracting value from geochemistry

Heberlein Geoconsulting
303-108 W Esplanade
North Vancouver, BC
V7M 3M8
Canada

Phone: (778) 340-0098
Mobile: (604) 716-4161
dave@hebgeoconsulting.com
www.hebgeoconsulting.com

FIELD VISIT REPORT

Big Creek Project, Yukon Territory

for

Teck Resources Ltd..

By

Dave Heberlein M.Sc., P.Geo.
Consulting Exploration Geochemist

June 24th, 2011

Table of Contents

Introduction 3

Objectives 4

Geology 4

Surficial Environment 4

Soil Profiles 4

Volcanic Ash 5

ObservatioNs from Traverses 5

Traverse 1 5

Traverse 2 7

Traverse 3 8

Traverse 4 8

Recommendations - Sampling Strategy 11

Sub-cropping Mineralization 11

Targets beneath the Carmacks Group Volcanic cover 12

References 14

List of Figures

Figure 1 Teck's Big Creek property and mineral deposits in the Big Creek area (after Campbell et. al, 2010) 3

Figure 2 Traverses undertaken at Big Creek. 7

Figure 3 Traverse 1 Profile 10

Figure 4 Traverse 2 Profile 10

Figure 5 Traverse 3 Profile 10

Figure 6 Traverse 4 Profile 10

- Figure 7 Frost boil from a permafrost area on Traverse 2 11

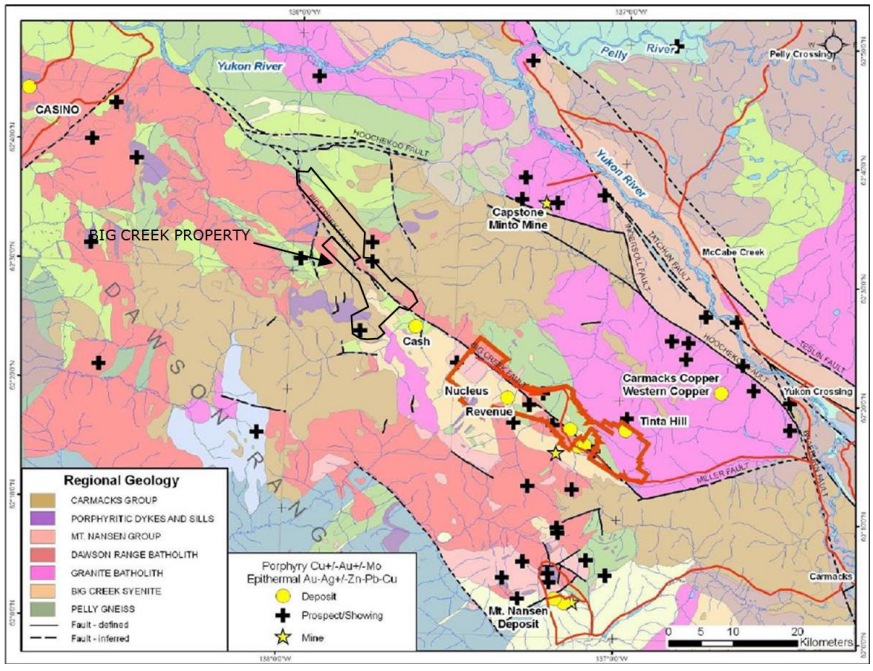
Figure 8 A recommended strategy for following up anomalous stream sediment results. 12

INTRODUCTION

At the request of Randy Farmer, the author visited the Big Creek, property, Yukon Territory with geologist Andrea Langerud on June 16th-17th, 2011. Big Creek is a grass roots exploration project recently staked by Teck to cover a 23 km swath of ground on either side of the Big Creek valley where the Big Creek Fault is inferred to cross the area.

The property is strategically located on a northwest lineament linking the Mt. Freegold gold camp in the southeast with the Prospector Mountain gold camp in the northwest (Fig. 1). This trend contains several significant mineral deposits, including: Freegold Mountain (Cu-Au porphyry), Cash (Cu-Mo-Au Porphyry), Revenue (Cu-Au porphyry) Laforma (low sulphidation epithermal) and Nucleus (bulk tonnage low sulphidation epithermal). In addition to these there are numerous gold occurrences in the region. Epithermal mineralization is mainly coeval with the 105 Ma Mt. Nansen Suite (Smuk, 1999). These rocks consist of high potassium andesites and rhyolites and their high level intrusive equivalents. Deeper plutonic rocks of the same age are represented by the Dawson Batholith, which is intermittently exposed to the west and south of the Big Creek property. Principal host rocks for the porphyry and epithermal deposits in the region are the Paleozoic metamorphic basement (e.g. Nucleus) and the Dawson Batholith (e.g. Mount Freegold).

Much of the Big Creek property is underlain by younger (ca. 70 Ma) Carmacks Group basaltic volcanic rocks (brown – Fig. 1). These form most of the higher ground in the central area. According to Grond (1984) and Smuk (1999), the Carmacks Group is comprised of a lower 200 to 500 metre thick fragmental unit of largely andesitic composition overlain by an upper 500 metre thick sequence of inter-bedded basaltic flows and tuffs. Outcrops from upper slopes and ridge tops examined during the field visit appear to belong to the upper sequence suggesting that there could be several hundred metres of Carmacks Group rocks present.



- Figure 1 Teck's Big Creek property and mineral deposits in the Big Creek area (after Campbell et. al, 2010)

Two potential target types could therefore exist on the Big Creek property: a) porphyry and epithermal mineralization of Mt Nansen age associated with 105 Ma intrusions hosted in the older

rocks beneath the Carmacks Group; and b) porphyry and epithermal mineralization associated with 70 Ma. intrusions and hydrothermal alteration (cf. Patton porphyry at Casino) within the Carmacks Group sequence.

OBJECTIVES

The objective of this field visit was to examine the surficial environment and to recommend soil sampling strategies to explore for both ages of mineralization. The property is at an early stage of exploration and any sampling programs will be of a reconnaissance nature. Stream sediment sampling to be carried out by Wayne Jackman will be done as the first phase of exploration. This will be followed by reconnaissance soil sampling in anomalous catchment basins.

GEOLOGY

SURFICIAL ENVIRONMENT

Big Creek lies in the southern Dawson Range, which makes up part of the Yukon Plateau physiographic province. The area is characterized by moderate relief with elevations ranging from 750 to 1300 metres amsl in the claim area. This part of the Dawson Range escaped the two most recent glaciations. As a result, the surface is typified by rolling hills with the highest elevations preserving an older pre-glacial erosional surface between 1000 and 1300 metres amsl.

Drainages are incised into the erosional surface and form a trellised pattern with tributary streams for third and second order drainages joining at high angles. With the exception of Big Creek itself, which has a U-shaped profile, most second and first order drainages are steeply incised and have juvenile V-shaped profiles. Slopes flanking these drainages can be very steep and commonly exceed 25 degrees.

Ridge tops and upper slopes are characterized by scattered outcrops of Carmacks Group basalts. These are separated by areas of felsenmeer that forms fields of large angular boulders of the same material. The felsenmeer grades into rubbly scree on the steeper upper slopes. Lower slopes are covered by a veneer of colluvial deposits no more than one metre thick containing angular to sub angular rock fragments of various sizes in a soil matrix. Lower slopes and valley floors tend to be boggy with organic soils dominant.

Permafrost is common on upper slopes above 1000 metres regardless of aspect but is most prevalent on north and east facing slopes at lower elevations. Permafrost areas are pooly drained and may have an active surface layer with irregular shaped frost boils overlying permanent ice at a depth of no more than 20 cm. On south and west facing slopes, permafrost is irregularly developed and is most prevalent in areas with shallower gradients or depressions. These areas characteristically have poor drainage and stunted trees.

Vegetation cover varies with elevation and slope aspect. At highest elevations mosses and lichens form a spongy surface layer on top of bedrock or felsenmeer. Dominant shrubs in this environment are willows, aspen, Labrador tea and stunted white spruce. White spruce forest with aspen and alder under story is prevalent on the intermediate slopes and well drained south facing hill sides. These give way to a mixture of black and white spruce at lower elevations where wetter conditions prevail. In all settings, trees are relatively widely spaced. The intervening ground is covered by a spongy moss and lichen layer or grasses on open, well drained south facing slopes.

Soil Profiles

Three types of soil profile were observed at Big Creek. At highest elevations Cryosols and Regosols are typical. Cryosols occur in alpine areas and on north facing slopes where permafrost is present. Cryosol profiles are dominated by rock fragments in a comminuted rock or soil matrix. They typically

show evidence of cryoturbation (i.e. disturbance caused by frost action), which is manifest as frost boils or patterned ground (stone lines, polygons etc.). Regosols are dominant on upper slopes and hill tops where permafrost is absent. These soils have the characteristics of the underlying substrate (colluvium) and consist of an upper organic rich layer made up of an LFH or O horizon lying directly on top of C-horizon. A thin Ah horizon may also be present at the base of the LFH.

On upper slopes, soil profiles vary between Regosols and Brunisols, with the latter becoming more prevalent at lower elevations. Brunisols are distinguished from the Regolsols by the presence of a B-horizon > 5cm in thickness. They typically have a surface layer up to 15cm thick consisting of mosses and lichens (LF) overlying a humic layer or Ah horizon. The B horizon is homogeneous and consists of a pale brown Bm layer that grades rapidly downwards into a BC horizon or directly into C-horizon in rocky areas. This is the most common soil type observed at Big Creek.

On well drained lower slopes, the Brunisols have weakly developed eluviated horizons (Aej) immediately below the Ah horizon but no clear illuviated Bf horizon that is diagnostic of a true Podzol. These Aej horizons are typically paler grey to grey-brown in colour compared to the more medium browns of the underlying Bm horizon.

Organic soils represent the third category of soils observed at Big Creek. These occur in drainages and in valley floors where saturated boggy conditions prevail. They are characterized by water saturation at or close to the surface and a LF horizon compose of mainly of mosses and fibric material at least 40cm thick. A black peaty Om horizon may be present beneath the fibrous layer. At one locality a reduced C-horizon (gleyed C-horizon or Cg) was encountered beneath the organic layer. This material is easily identified by its distinctive blue-grey colour and rotten egg smell.

Volcanic Ash

Volcanic ash was encountered on upper and intermediate south facing slopes in the southern part of the property. It appears as a white layer occurring at depths of between 5 and 12 cm in the soil profile. Superficially it has the appearance of a well developed Ae horizon but there is no illuviated horizon beneath it. The ash layer has a clay-rich texture (probably from weathering of volcanic glass) and when viewed with a hand lens is seen to contain abundant feldspar, quartz and magnetite crystals.

OBSERVATIONS FROM TRAVERSES

Four traverses were undertaken during the field visit. These are labelled as Traverses 1 to 4 on Figure 2. They were selected to capture as much variation in the surficial environment as possible. Comments on each are presented below.

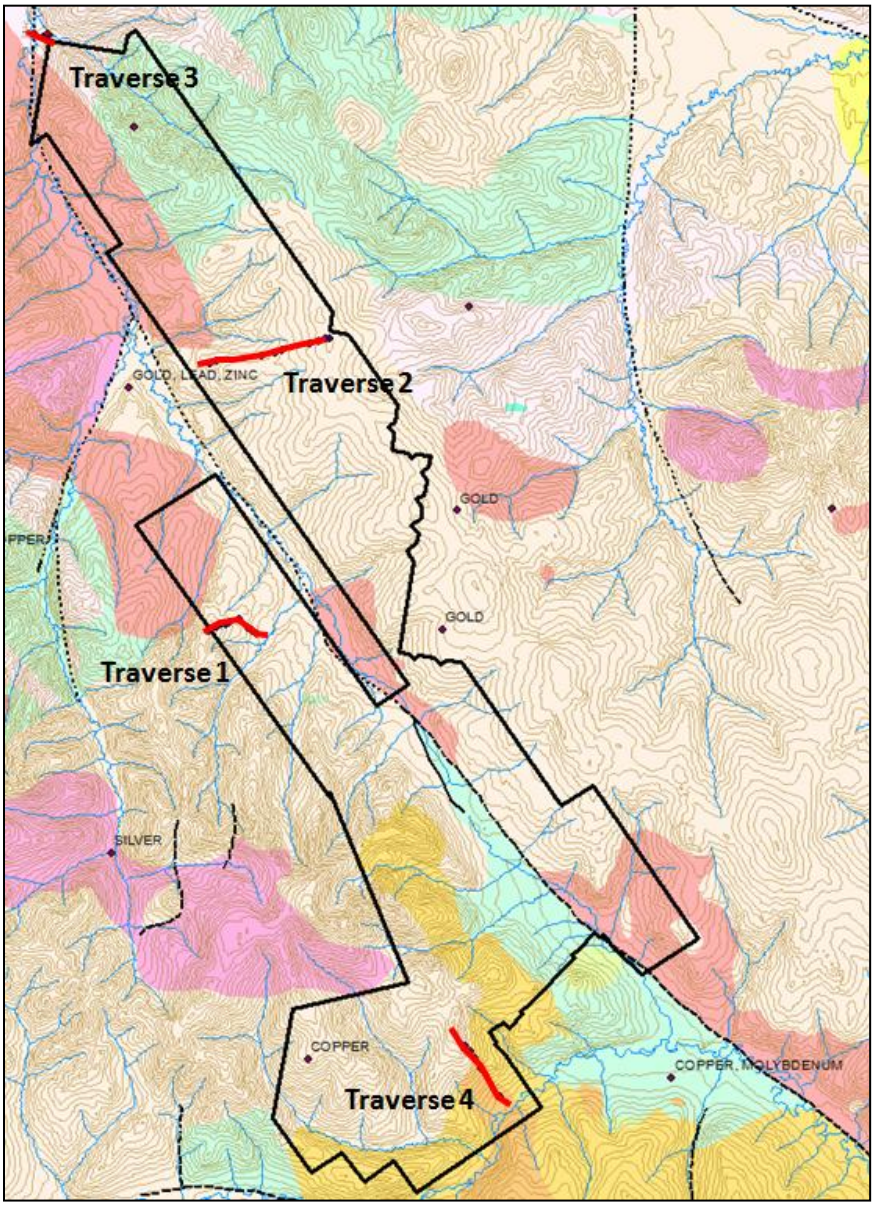
Traverse 1

This traverse was selected to cover a northeast facing slope from sub-alpine to valley floor. The traverse profile is illustrated in Figure 3. The hill top and upper slopes are dominated by outcrop, felsenmeer and blocky scree deposits. Here soil profiles are poorly developed and regosolic in nature. They have a thick (5 to 15cm) spongy moss and lichen layer at the surface, which lies directly on top of rock debris. Soil material is present between the scree fragments in surface depressions. This material has the characteristics of a Bm horizon but is not consistently developed nor does it exceed 5cm in thickness (the minium requirement for a B horizon). Forest cover on the upper slopes is sparse with stunted white spruce and aspen the dominant species.

Where the slope flattens out true soils appear. Here the blocky scree gives way to colluvial soils with a Brunisol profile. This transition is also marked by a significant change in the size of the trees, which become much larger on the gentler slopes. Below this level (approximately 1050 metres) the slope steepens once again. Basalt outcrops are present at the break in slope and immediately below

the soils revert back to blocky scree with regosol profiles, much like the upper mentioned earlier. Brunisols gradially return on the lower slopes and become the most widesread profile until the lower break in slope where an abrupt transition occurs.

Below the base of slope near to the valley floor the ground becomes boggy and permafrost is present immediately below the LFH layer. Soil profiles change abruptly from Brunisols to Organic soils dominated by fibric material.Trees undergo a rapid decrease in size in the saturated area and white spruce that was prevalent on the upper slopes gives way to black spruce in the valley floor



• Figure 2 Traverses undertaken at Big Creek.

Traverse 2

Traverse 2 was made on the opposite side of the Big Creek valley on a west facing slope (Fig. 2). The traverse began in the sub-alpine zone on a relatively flat ridge top. The hill top environment is characterized by felsenmeer forming an extensive boulder field. Most of the (basalt) boulders are angular in shape and covered by a superficial layer of mosses and lichens forming an uneven hummocky surface. Soil profiles in this area are regosolic consisting of loose soil material between the rock fragments. The top of the profile is represented by a thick (10-15cm) LFH horizon with well developed fibric and humus layers. There is also a poorly developed Ah in some places. Off the ridge top on the upper slopes of the hillside, the substrate changes to rocky colluvium. Patchy permafrost is present in depressions in this area. In the permafrost zones, the soils are Cryosols. These are made up of rocky material and fine clays that have been mixed by cryoturbation. Irregular shaped

frost boils are prevalent where subsurface ice is present. The frost boils are wet to saturated with fine material of the consistency of B-horizon present in the centres. An example is illustrated in Figure 7.

Where permafrost is absent the soil profiles are brunisolic. These have the same thick LFH layer and pachy Ah horizon as the soils observed on the ridge top however beneath the organic layers there is an undifferentiated Bm horizon that rapidly grades down into a C-horizon. Evidence of mixing by slumping and solifluction can be seen in these profiles. This environment of mixed Cryosols and Brunisols covers the bulk of the slope down to about the 1000 metre level. Vegetation on the slope consists of stunted white spruce, aspen and willow. Much of the forest has been burned by a recent forest fire in this area.

On the lower part of the traverse, there is a small rise in land, which appears to be caused by outcropping basalt. In this area drainage improves and permafrost disappears. Soils are brunisolic and the thin profiles are developed on a rocky substrate of basalt debris (subcrop). Outcrop was identified at several locations; one of them containg drusy quartz and calcite veinlets.

Traverse 3

This is a short traverse made near to the northern claim boundary to examine over-steepened slopes flanking a deeply incised drainage (Fig. 2). The traverse was conducted as a loop starting at Big Creek and ascending approximately 50 metres up the steep hillside and then returning to the bottom of a second order drainage. The Big creek valley is underlain by alluvial deposits with disused channels infilled with boggy ground. Hemlock fir, Balsam fir, white and black spruce forest occupies the low ground adjacent to Big Creek.

The sharp break in slope at the base of the hillside is marked by outcrops of schist. Much of the hillside investigated is also covered by scree or schist subcrop. Soils are Regosols consisting of a thick mossy carpet of LFH with a variably developed Ah horizon lying directly on top of scree. B-horizon-like material was observed in pockets between rock fragments in the scree at one location, however in most areas examined this material could not be exposed due to an impenetrable permafrost layer.

The hill side is vegetated with stunted white spruce.

Traverse 4

The final traverse was carried out at the southern end of the property on a southeast facing slope at the edge of a large alpine area. The top of the traverse is located in the alpine zone and is characterized by basalt outcrop and widespread rubble fields or felsenmeer. The slope rapidly drops off through basalt scree and onto a colluvium covered slope where gradients flatten out to the east at lower elevations. On the upper slopes soils are regosols. The surface is covered by a carpet of moss and lichen or LFH horizon that covers rocky debris. There can be a poorly developed Ah horizon at the base of the LFH. Brunisols become widespread below the tree line, which coincides with a flattening of the slope. Most of the test pits excavated in this area contained a white volcanic ash layer (see above) between 5 and 12 cm below the surface. This is the only place on the property where ash was observed. Boulders of syenite and granite were also located below the tree line. This suggests a contact between the Carmacks Group and intrusive rocks is exposed higher up the slope.

Brunisols are characteristic of the lower slopes where they are distinguished by a 5 to 10 cm LFH horizon overlying a 1-2 cm Ah horizon. Below this there is generally a sharp transition to the Bm horizon but in a couple of well drained locations there is a hint of an elluviated Aej horizon present as well. The Bm horizon grades rapidly downwards into C horizon consisting of rocky colluvium at

less than 30 cm. Below tree line the slopes are forested with large white spruce trees. Some firs, possibly Balsam, were also noted at lower elevations

At the base of slope the gradient rapidly flattens out and the ground becomes saturated. Boggy organic soils occur in depressions and towards the valley floor in abandoned alluvial channels. The soil profiles are characterized by a thick organic later (20 to 40 cm) lying on top of reduced Cg horizon comprised of colluvium of alluvium in the valley floor.

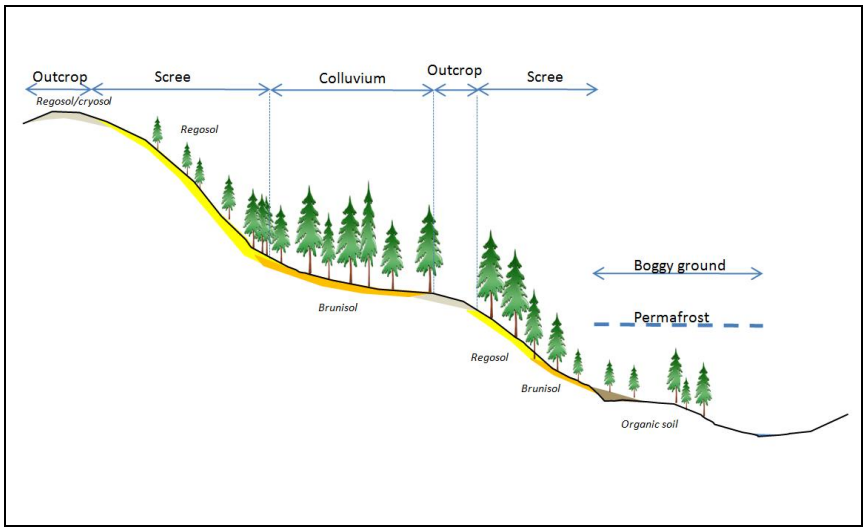


Figure 3 Traverse 1 Profile

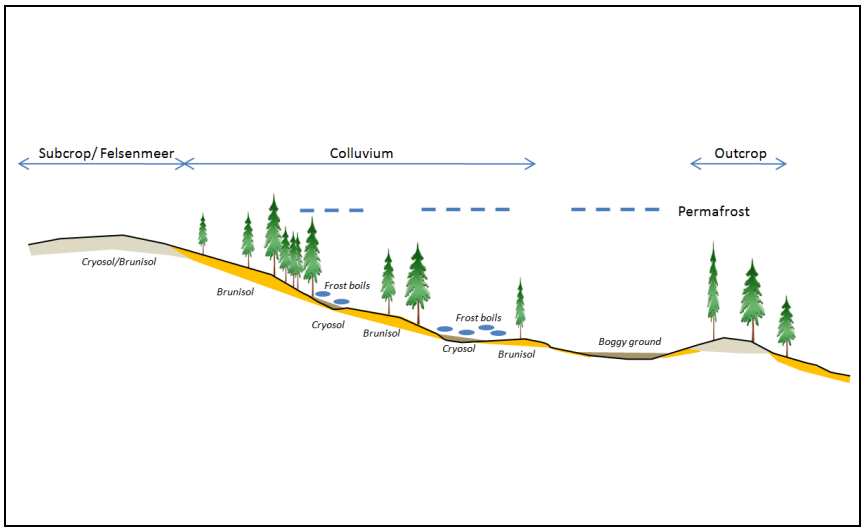


Figure 4 Traverse 2 Profile

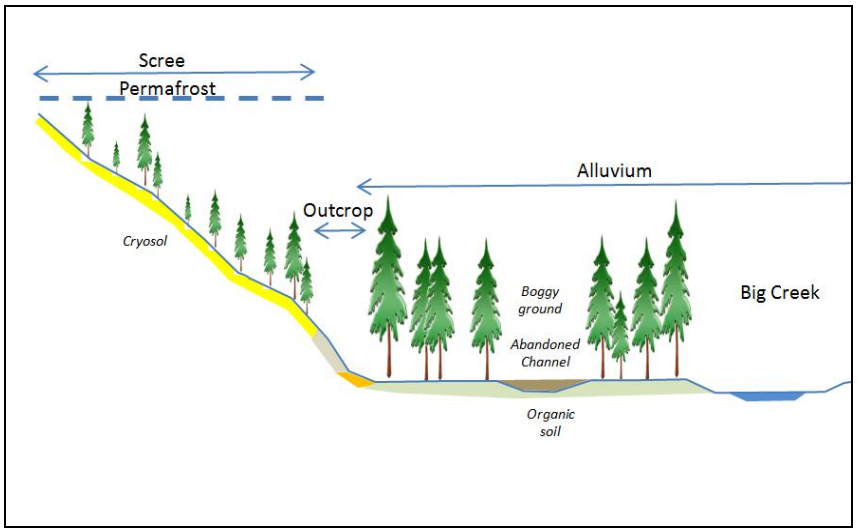


Figure 5 Traverse 3 Profile

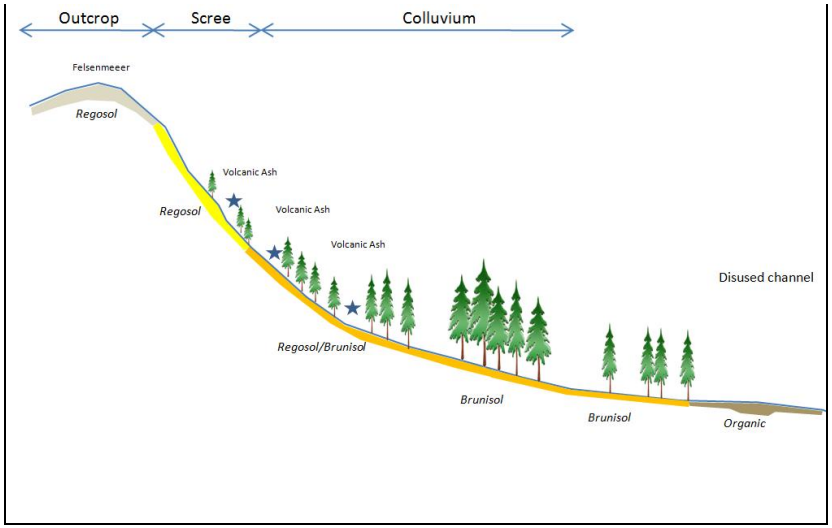


Figure 6 Traverse 4 Profile

Figure 7 Frost boil from a permafrost area on Traverse 2

RECOMMENDATIONS - SAMPLING STRATEGY

Sub-cropping Mineralization

As mentioned earlier, the Big Creek property contains two possibilities for mineralization: one exposed at the current erosional surface; and a second occurring beneath the cap of Carmacks Group volcanics. In the case of exposed mineralization, conventional stream sediment geochemistry and follow up soil sampling should be effective at detecting secondary dispersion anomalies derived from near surface sources. Mineralization exposed at higher elevations should be amenable to discovery by mapping and prospecting along ridges and upper slopes. This could be augmented by rock or talus fines sampling. Soil sampling in this environment is redundant because of the amount of exposure present. On the forested lower slopes where outcrop is sparse, anomalous stream sediment catchment basins can be followed up using a combination of base of slope and contour sampling as illustrated in Figure 8.

Base of slope sampling involves the collection of soil samples systematically along both banks of an anomalous drainage. This sampling method detects the point of entry of anomalous material into the drainage, which can be in the form of mechanical or hydromorphically dispersed metal. Once the point of entry has been identified, contour soil samples can then be used on the hillside above to pinpoint the source of mineralization. One or two contours can be sampled depending on the local relief. A vertical spacing of at least 50 metres between contours would be suitable for this area. A sample spacing of 100 metres is appropriate for both contour and break in slope samples.

B horizon soils are widespread on mid and lower slopes over much of the property and provide an ideal sampling medium for base of slope and contour samples. Where absent or unobtainable because of permafrost, Ah horizon can be used as an acceptable alternative.

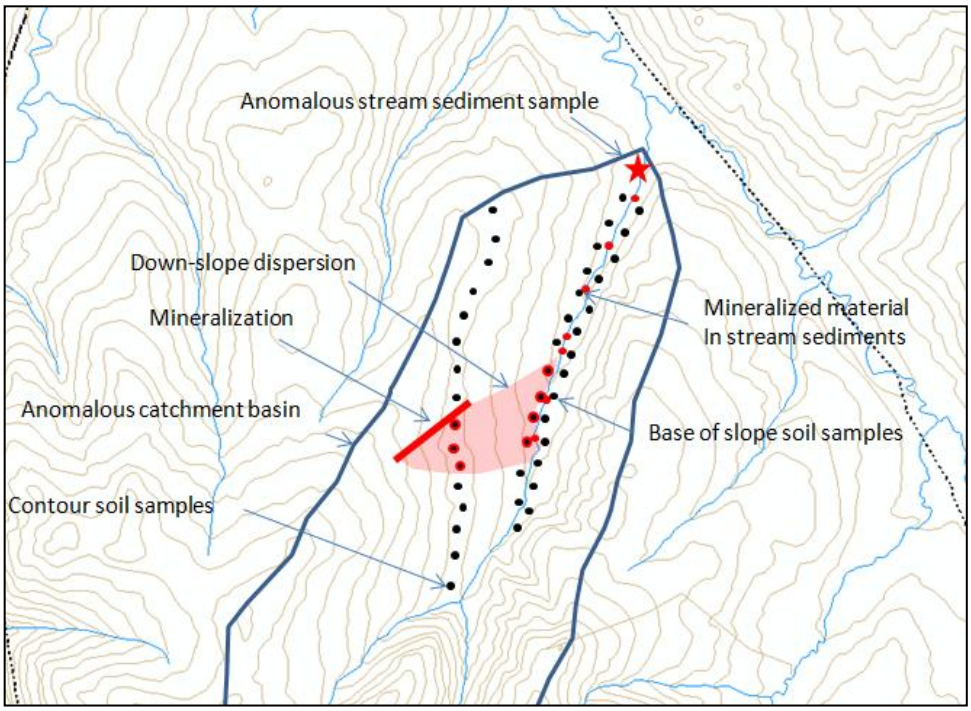


Figure 8 A recommended strategy for following up anomalous stream sediment results.

Targets beneath the Carmacks Group Volcanic cover

Detection of blind targets beneath the Carmacks Group Volcanics is less straight forward. Any sampling strategy would have to be able to detect ionic anomalies formed as a result of oxidation processes at the top of an underlying sulphide source (Hamilton, 1998, 2000, 2005 and 2009). Work by Heberlein and Samson (2010) and Heberlein and Dunn (2011) at the Kwanika porphyry Cu-Au deposit in north-central BC showed that such responses can be detected through up to 300 metres of cover using a combination of Ah horizon samples and an ultratrace aqua reqia analyis such as Acme's Group 1F. The Ah horizon being rich in humic acids, has the abilty to trap mobile ions that are migrating from a deep source to the surface. Ions are trapped by chelation with organic acids (carboxylic acid) to form metal organic compounds.

Ah horizon is present in most places on the property and is easily accesible in permafrost areas. This sample medium could be used effectively at a reconnaissance sample spacing to detect large mineralized systems beneath the volcanic cover. Presumably the only target type big enough to be of interest in this setting is a large porphyry Cu-Au or a large bulk tonnage epithermal system. Sample spacing would have to be defined based on the footprint size of an 'economic' target. Sample spacing therefore should be determined so that at least two or preferably three adjacent samples occur over the target. For the sake of illustration, if a 400 metre sample spacing were used, sufficient sampling coverage could be achieved by sampling along ridges and contours using pre-defined sample locations. This would be a more efficient configuarion for helicopter usage than a conventional grid.

Respectfully submitted by:

Dave Heberlein M.Sc. P.Geo.

June 28th, 2011

REFERENCES

Campbell, J, Armitage, A. and Barnes, W., (2010): Nucleus Property, Freegold Mountain Project; including an updated mineral resource estimate, Yukon, Canada (NTS 115I/3, 6 & 7): NI 43-101 Technical Report for Northern Freegold Resources Ltd., 89pp.

Grond, H. C., Churchill, S. J., Armstrong, R. L., Harakal, J. E., and Nixon, G. T., 1984, Late Cretaceous age of the Hutshi. Mount Nansen. and Carmacks groups. southwestern Yukon Territory and northwestern British Columbia: Canadian Journal of Earth Sciences. v. 21. p. 554-558.

Hamilton, S.M. (1998): Electrochemical mass-transport in overburden: a new model to account for the formation of selective leach geochemical anomalies in glacial terrain; Journal of Geochemical Exploration, v. 63, p. 155–172.

Hamilton, S.M. (2000): Spontaneous potentials and electrochemical cells: in Govett, G.J.S. (ed.), Geochemical Remote Sensing of the Subsurface. Handbook of Exploration Geochemistry, v. 7. Elsevier, Amsterdam, p. 81–119.

Hamilton, S.M., (2005): Geochemical exploration in areas of thick glacial overburden: Recent advances and ongoing challenges: Ontario Geological Survey PowerPoint presentation.

Hamilton, S.M. (2009): 3-D element patterns above deeply buried mineralization: mew evidence and insights into electrical dispersion: in Proceedings of the 24th IAGS, Fredericton, 2009, p. 55-58

Heberlein, D.R. and Samson H.,(2010): An Assessment of Soil Geochemical Methods for Detecting Copper-Gold Porphyry Mineralization through Quaternary Glaciofluvial Sediments at the WBX-MBX and 66 Zones, Mt. Milligan, North-Central British Columbia: Geoscience BC Report, 2010-3.

Heberlein, D.R. and Dunn, C.E., (2011): The application of surface organic materials as sample media over deeply buried mineralization at the Kwanika Central Zone, North-Central British Columbia (NTS 93N): Geoscience BC Report, 2011-3.

Smuk, K.A., (1999): Metallogeny of epithermal gold and base metal veins of the Southern Dawson Range, Yukon. M.Sc. Thesis, Dept. of Earth and Planetary Sciences, McGill University, 155 pp.

APPENDIX V

STREAM SEDIMENT GEOCHEMICAL ANALYTICAL CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Andrea Langerud
Receiving Lab: Canada-Whitehorse
Received: July 27, 2011
Report Date: August 15, 2011
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11000756.1

CLIENT JOB INFORMATION

Project: 210700
Shipment ID: YTG-008
P.O. Number
Number of Samples: 92

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
S150	86	Sieve to 150 mesh			VAN
RJSV	86	Saving all or part of Soil Reject			WHI
1F06	91	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
2A05	91	Loss on Ignition at 1000 C		Completed	VAN

ADDITIONAL COMMENTS

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

CC: Randy Farmer
Rupa Mukherjee

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

		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	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
1077462	Silt		1.04	12.31	7.98	61.7	74	19.4	10.5	635	2.05	13.9	1.4	10.7	4.1	27.1	0.24	0.79	0.12	36	0.37	0.084
1077463	Silt		0.92	9.44	7.89	57.7	68	16.2	8.5	384	1.82	9.6	1.5	5.2	4.5	34.7	0.17	0.62	0.10	34	0.42	0.092
1077464	Silt		0.78	11.95	12.23	63.5	43	19.6	12.2	418	2.80	6.2	2.1	52.2	6.5	56.7	0.13	0.45	0.14	58	0.61	0.104
1077465	Silt		0.44	13.42	8.51	62.8	21	46.4	15.7	323	2.61	2.7	0.9	1.3	4.0	74.9	0.07	0.18	0.08	60	0.59	0.105
1077466	Silt		1.11	24.49	19.34	58.1	115	35.7	9.3	302	2.94	6.7	3.0	165.8	8.6	47.3	0.21	0.46	2.38	79	0.55	0.132
1077467	Silt		0.55	17.53	13.27	59.2	126	25.1	8.7	325	1.58	4.9	0.9	32.5	2.8	46.8	0.13	0.41	0.43	39	0.49	0.126
1077468	Silt		0.50	18.32	13.35	61.6	115	26.4	8.5	325	1.66	4.8	0.9	3.0	3.0	47.6	0.14	0.41	0.51	41	0.52	0.134
1077469	Silt		1.56	25.20	19.79	51.8	120	23.7	10.3	263	3.41	7.6	3.4	154.6	10.8	44.5	0.19	0.47	3.20	98	0.58	0.173
1077470	Silt		1.38	27.93	42.56	91.1	162	21.7	9.0	366	4.09	13.3	6.6	2.8	17.6	38.7	0.41	0.94	1.65	117	0.59	0.170
1077471	Silt		3.21	41.02	30.80	89.6	225	29.8	12.8	551	2.11	11.0	2.7	4.4	4.8	67.0	0.41	0.50	0.97	54	0.54	0.160
1077472	Silt		0.65	20.48	5.44	53.3	19	83.5	16.0	465	2.76	5.0	1.4	1.9	6.4	108.7	0.09	0.25	0.13	64	0.99	0.128
1077473	Silt		1.29	58.59	62.23	108.6	339	27.3	10.0	538	2.47	6.1	19.1	14.0	3.2	73.2	0.40	1.19	1.02	62	0.75	0.162
1077474	Silt		1.38	43.28	22.74	81.0	82	51.3	11.7	385	2.56	5.9	3.8	9.3	5.3	83.1	0.16	0.56	0.44	86	0.92	0.280
1077475 GS-1 STD	Silt		0.64	21.23	9.71	51.1	37	25.9	11.9	416	2.66	4.0	1.6	<0.2	8.3	88.2	0.06	0.19	0.22	9	3.67	0.039
1077476	Silt		1.22	44.79	31.47	84.2	169	32.6	9.4	412	2.26	6.2	7.1	2.0	4.0	79.7	0.23	0.71	0.52	64	0.75	0.184
1077477	Silt		0.94	35.37	17.46	68.8	140	55.4	13.4	433	2.74	5.0	2.4	153.7	5.5	60.7	0.20	0.39	1.19	75	0.73	0.180
1077478	Silt		1.22	42.75	36.70	87.9	288	33.0	10.3	504	2.55	6.6	5.8	67.3	5.6	64.7	0.32	0.73	2.36	68	0.70	0.177
1077479	Silt		1.40	47.67	40.04	90.0	382	36.3	11.7	615	2.75	8.0	9.3	323.1	5.7	69.0	0.32	0.71	2.62	76	0.73	0.192
1077480	Silt		1.65	21.57	9.25	53.9	77	21.6	8.7	384	1.80	11.7	2.9	1.4	5.1	68.4	0.09	0.38	0.26	37	0.60	0.098
1077481	Silt		1.08	19.64	6.63	60.1	33	63.1	12.7	309	2.40	8.7	1.5	5.0	4.8	74.9	0.08	0.28	0.18	67	0.82	0.172
1077482	Silt		1.09	20.24	6.33	61.8	27	70.3	13.0	335	2.48	8.3	1.5	9.9	4.8	75.3	0.06	0.25	0.25	74	0.82	0.186
1077483	Silt		0.44	11.38	4.60	69.5	30	27.3	13.3	382	2.59	2.6	0.5	1.3	2.4	71.3	0.11	0.18	0.04	61	0.66	0.116
1077484	Silt		0.31	12.05	4.30	67.9	22	33.2	11.7	333	2.39	1.6	0.5	41.2	2.1	76.2	0.08	0.14	0.04	64	0.63	0.116
1077485	Silt		0.28	16.10	4.74	66.4	24	43.5	13.6	326	2.57	1.4	0.5	1.8	2.3	81.1	0.06	0.11	0.03	76	0.68	0.129
1077486	Silt		1.22	52.85	59.03	110.4	311	47.0	14.5	590	2.78	11.0	1.5	4.2	3.5	67.3	0.52	0.76	0.73	69	0.68	0.164
1077487	Silt		1.71	56.79	53.65	123.9	485	36.7	13.1	745	2.51	13.6	3.7	5.1	4.1	85.5	0.89	1.06	0.90	63	0.50	0.131
1077488	Silt		1.61	52.24	52.25	118.8	500	34.1	12.4	742	2.42	13.6	3.6	5.2	3.8	83.9	0.80	1.03	0.74	61	0.49	0.120
1077489	Silt		0.87	31.22	35.28	97.1	242	22.8	9.9	551	2.16	9.6	2.0	9.1	3.1	60.4	0.51	0.67	0.38	52	0.55	0.130
1077490	Silt		0.68	20.82	24.89	86.7	118	21.1	9.1	453	2.29	8.6	1.6	2.2	4.3	51.1	0.29	0.57	0.40	60	0.60	0.162
1077491 GS-1 STD	Silt		0.63	19.94	8.62	49.5	31	25.6	11.1	401	2.61	4.1	1.4	1.4	7.4	81.6	0.05	0.17	0.19	9	3.57	0.038

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

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	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	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	0.02
1077462	Silt	13.7	27.7	0.32	233.3	0.030	<1	0.80	0.010	0.08	0.2	2.3	0.09	<0.02	39	0.3	0.08	2.9	1.96	0.1	0.02
1077463	Silt	15.1	23.0	0.34	215.6	0.035	<1	0.84	0.011	0.08	0.3	2.2	0.08	<0.02	30	0.3	0.02	3.0	1.94	<0.1	0.03
1077464	Silt	15.2	55.8	0.64	232.4	0.036	<1	1.20	0.019	0.13	0.3	4.8	0.06	<0.02	14	0.2	<0.02	3.8	2.53	<0.1	0.06
1077465	Silt	12.5	87.4	1.10	154.9	0.062	<1	1.33	0.027	0.11	0.2	4.4	0.04	<0.02	12	0.3	<0.02	4.2	0.88	<0.1	0.10
1077466	Silt	17.3	77.4	0.69	58.4	0.071	<1	0.98	0.012	0.12	1.0	1.9	0.12	<0.02	21	0.2	0.04	4.4	4.64	<0.1	0.05
1077467	Silt	14.4	48.0	0.60	66.3	0.072	<1	1.08	0.009	0.08	0.3	2.0	0.12	<0.02	19	0.2	0.04	4.4	2.82	<0.1	0.03
1077468	Silt	14.7	50.0	0.62	69.7	0.073	<1	1.07	0.009	0.08	0.4	2.0	0.11	<0.02	59	<0.1	<0.02	4.5	2.85	<0.1	0.03
1077469	Silt	20.7	63.9	0.51	53.1	0.062	<1	0.87	0.009	0.11	1.9	1.7	0.11	<0.02	18	0.2	0.04	4.5	4.15	<0.1	0.05
1077470	Silt	23.1	55.4	0.46	71.3	0.064	<1	1.12	0.009	0.11	0.8	1.8	0.11	<0.02	20	0.3	0.07	5.1	5.22	<0.1	0.03
1077471	Silt	17.9	49.9	0.62	85.3	0.091	<1	1.28	0.011	0.14	0.3	2.0	0.37	0.02	25	0.3	0.05	5.0	6.30	<0.1	<0.02
1077472	Silt	17.7	90.0	1.32	177.1	0.029	<1	1.04	0.022	0.09	0.4	4.8	0.03	<0.02	161	<0.1	<0.02	3.4	1.06	<0.1	0.08
1077473	Silt	27.5	50.7	0.82	70.9	0.056	<1	1.62	0.008	0.07	0.5	2.7	0.09	0.03	52	0.4	<0.02	6.7	8.56	<0.1	0.06
1077474	Silt	23.7	89.7	1.08	48.0	0.069	<1	1.19	0.008	0.05	1.4	2.3	<0.02	<0.02	20	0.2	<0.02	5.3	4.94	<0.1	0.08
1077475 GS-1 STD	Silt	20.1	20.2	1.05	70.3	0.031	<1	1.27	0.019	0.22	0.1	2.0	0.11	0.03	12	0.2	0.03	3.5	1.05	<0.1	0.02
1077476	Silt	20.9	54.0	0.86	59.6	0.070	<1	1.28	0.010	0.06	1.6	2.6	0.05	<0.02	14	0.3	<0.02	5.4	6.85	<0.1	0.06
1077477	Silt	19.6	88.8	1.26	70.8	0.073	1	1.24	0.012	0.07	0.4	3.1	0.04	<0.02	36	0.1	<0.02	4.9	3.32	<0.1	0.09
1077478	Silt	19.1	80.1	0.78	75.0	0.069	<1	1.38	0.009	0.08	0.6	2.4	0.09	<0.02	47	0.2	0.07	5.5	5.78	<0.1	0.04
1077479	Silt	20.2	86.7	0.86	83.8	0.075	<1	1.48	0.008	0.09	0.6	2.8	0.10	<0.02	30	0.2	0.04	5.8	6.35	<0.1	0.04
1077480	Silt	18.7	31.1	0.54	124.4	0.046	<1	1.27	0.010	0.10	0.6	3.0	0.09	<0.02	100	0.3	<0.02	4.3	3.73	<0.1	0.04
1077481	Silt	19.6	92.1	1.26	112.2	0.074	<1	1.21	0.016	0.08	0.9	3.0	0.03	<0.02	25	0.2	0.05	4.4	1.95	<0.1	0.11
1077482	Silt	19.8	99.2	1.31	107.3	0.073	<1	1.15	0.017	0.08	1.0	2.8	<0.02	<0.02	28	0.3	0.06	4.3	1.74	<0.1	0.12
1077483	Silt	12.0	59.2	0.63	85.1	0.041	<1	1.10	0.018	0.07	0.1	4.8	0.02	<0.02	52	<0.1	0.05	3.3	1.20	<0.1	0.08
1077484	Silt	12.1	59.4	0.80	81.1	0.068	<1	1.16	0.028	0.06	0.2	3.7	<0.02	<0.02	18	0.2	<0.02	3.4	0.81	<0.1	0.10
1077485	Silt	12.9	74.7	1.06	70.5	0.120	<1	1.22	0.041	0.06	0.1	3.1	<0.02	<0.02	15	0.2	0.03	4.2	0.66	<0.1	0.16
1077486	Silt	14.2	107.9	1.06	84.9	0.091	<1	1.51	0.012	0.13	0.4	2.7	0.11	0.02	32	0.4	0.05	6.0	7.00	<0.1	0.04
1077487	Silt	15.6	56.1	0.80	121.0	0.102	<1	1.91	0.014	0.12	0.3	2.8	0.22	0.03	76	0.5	0.07	6.2	9.74	<0.1	0.02
1077488	Silt	15.4	53.5	0.76	129.2	0.090	<1	1.78	0.013	0.12	0.2	2.6	0.23	0.04	69	0.5	0.08	6.0	8.97	<0.1	<0.02
1077489	Silt	14.4	38.0	0.62	100.6	0.075	<1	1.46	0.013	0.09	0.2	2.6	0.12	0.02	51	0.4	0.06	4.8	5.65	<0.1	0.02
1077490	Silt	14.6	45.1	0.60	76.1	0.078	<1	1.26	0.012	0.09	0.3	2.3	0.09	<0.02	30	0.4	0.05	4.8	4.43	<0.1	0.03
1077491 GS-1 STD	Silt	19.5	20.0	1.02	64.8	0.031	<1	1.27	0.019	0.22	<0.1	2.0	0.09	0.03	23	0.3	0.04	3.3	0.94	<0.1	<0.02

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

	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
1077462	Silt	0.45	9.0	0.5	<0.05	0.9	7.29	27.5	0.03	<1	0.4	5.4	<10	2	5.8
1077463	Silt	0.44	9.2	0.4	<0.05	0.9	7.36	28.9	<0.02	1	0.2	7.3	<10	<2	4.8
1077464	Silt	0.32	10.5	0.5	<0.05	2.6	9.55	29.2	0.02	1	0.7	9.6	<10	<2	5.6
1077465	Silt	0.28	9.0	0.6	<0.05	4.3	6.92	25.2	0.02	<1	0.6	10.1	<10	3	5.4
1077466	Silt	0.65	15.5	0.4	<0.05	2.5	7.79	32.7	<0.02	2	0.5	11.9	<10	<2	3.7
1077467	Silt	0.59	12.0	0.4	<0.05	1.4	5.59	27.1	0.02	<1	0.5	11.7	<10	<2	5.0
1077468	Silt	0.57	12.0	0.4	<0.05	1.5	5.49	28.3	0.03	<1	0.3	12.3	<10	<2	4.7
1077469	Silt	0.61	14.3	0.5	<0.05	1.9	9.52	38.2	0.02	<1	0.2	11.5	<10	<2	3.2
1077470	Silt	0.87	15.2	0.8	<0.05	1.7	12.52	46.2	0.03	1	0.8	13.6	<10	<2	4.9
1077471	Silt	0.84	18.0	0.7	<0.05	1.4	7.50	33.1	0.03	3	0.9	20.2	<10	<2	6.3
1077472	Silt	0.25	8.6	0.7	<0.05	3.6	10.23	35.6	0.03	<1	0.4	6.7	<10	<2	8.5
1077473	Silt	1.19	9.9	0.5	<0.05	2.8	11.93	38.0	0.03	<1	1.6	20.8	<10	<2	10.5
1077474	Silt	0.62	5.9	0.6	<0.05	4.4	9.57	43.5	<0.02	1	1.1	23.5	<10	<2	4.1
1077475 GS-1 STD	Silt	0.64	14.2	0.7	<0.05	1.0	7.66	39.6	<0.02	<1	0.4	28.1	<10	<2	8.6
1077476	Silt	1.04	8.1	0.6	<0.05	3.7	8.81	37.0	<0.02	<1	1.3	24.5	<10	<2	6.5
1077477	Silt	0.53	8.0	0.6	<0.05	3.9	8.79	37.6	<0.02	<1	0.9	14.3	<10	2	5.0
1077478	Silt	0.98	11.4	0.6	<0.05	1.9	9.10	36.3	0.03	<1	1.2	17.3	<10	<2	7.7
1077479	Silt	1.03	12.7	0.7	<0.05	2.2	10.16	39.8	0.02	<1	1.0	19.8	10	<2	7.8
1077480	Silt	1.16	11.3	0.5	<0.05	2.1	9.19	34.9	<0.02	<1	0.8	12.9	<10	<2	8.6
1077481	Silt	0.55	6.2	0.7	<0.05	5.5	9.06	39.2	<0.02	<1	0.9	11.5	<10	<2	5.5
1077482	Silt	0.41	5.8	0.6	<0.05	6.0	9.14	39.1	0.02	<1	0.2	10.7	<10	3	5.3
1077483	Silt	0.31	9.8	0.6	<0.05	3.1	10.00	26.0	<0.02	<1	0.6	5.7	<10	<2	8.4
1077484	Silt	0.35	7.9	0.5	<0.05	3.8	8.64	24.8	<0.02	<1	0.6	6.5	<10	<2	7.4
1077485	Silt	0.41	6.3	0.6	<0.05	8.0	9.07	26.2	<0.02	1	0.3	6.7	<10	<2	5.1
1077486	Silt	0.79	13.9	0.5	<0.05	1.9	7.05	28.1	<0.02	<1	0.9	19.8	<10	<2	6.3
1077487	Silt	1.34	15.9	0.7	<0.05	1.4	7.83	30.0	0.04	2	1.2	19.3	<10	2	12.2
1077488	Silt	1.32	15.4	0.6	<0.05	1.4	7.69	30.1	0.03	<1	1.0	18.2	11	3	14.0
1077489	Silt	0.82	11.0	0.5	<0.05	1.1	7.03	27.3	<0.02	<1	0.7	14.5	12	<2	9.0
1077490	Silt	0.81	10.6	0.4	<0.05	1.1	6.62	27.2	<0.02	<1	0.6	14.0	<10	<2	5.3
1077491 GS-1 STD	Silt	0.57	13.7	0.6	<0.05	1.0	7.27	36.8	<0.02	<1	0.3	26.4	<10	<2	8.3

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

		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	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
1077492	Silt		0.46	11.30	5.63	68.1	19	24.6	12.8	289	2.79	2.9	0.8	1.2	4.1	74.7	0.08	0.23	0.05	70	0.63	0.129
1077493	Silt		1.21	18.98	7.82	79.1	98	31.5	11.0	433	2.28	13.0	1.3	3.4	4.2	37.3	0.25	0.87	0.13	42	0.48	0.114
1077494	Silt		1.19	14.72	7.73	71.8	80	23.8	11.9	708	2.59	15.1	1.4	2.7	4.3	43.2	0.25	0.94	0.12	45	0.49	0.125
1077495	Silt		0.65	8.83	7.58	55.2	36	16.2	8.0	252	1.86	7.6	1.0	1.0	4.7	44.6	0.14	0.86	0.08	38	0.42	0.116
1077496	Silt		1.19	13.27	10.36	51.4	169	16.6	7.2	170	1.83	18.6	0.8	65.4	3.6	20.6	0.17	3.73	0.10	38	0.28	0.081
1077497	Silt		0.58	13.80	8.97	58.1	51	21.2	11.2	415	2.28	4.5	1.5	1.5	3.5	46.6	0.14	0.35	0.10	45	0.64	0.103
1077498	Silt		0.32	17.64	5.78	61.8	35	85.6	17.3	310	2.33	1.7	1.6	3.5	3.2	108.3	0.07	0.12	0.07	50	0.76	0.112
1077499	Silt		0.33	18.28	4.42	75.6	29	55.1	18.6	459	3.24	1.9	0.4	19.6	2.0	130.7	0.08	0.09	0.04	84	0.80	0.129
1077500	Silt		1.95	30.69	72.50	213.9	656	34.4	11.5	652	2.56	69.3	1.5	8.2	4.1	35.4	1.02	1.89	1.57	52	0.56	0.116
1077251	Silt		1.74	31.54	82.24	183.0	664	36.5	11.5	768	2.47	64.3	1.4	9.8	3.6	37.2	1.23	1.87	1.69	50	0.56	0.119
1077252	Silt		2.58	39.39	57.75	111.7	1143	34.1	12.5	783	2.49	14.7	9.6	2.3	6.4	87.9	0.44	1.31	1.24	51	0.67	0.104
1077253	Silt		0.58	17.73	4.14	62.1	40	44.7	18.4	442	3.16	5.9	0.6	9.5	3.2	34.5	0.11	0.17	0.05	68	0.58	0.137
1077254	Silt		0.67	18.65	4.26	67.9	49	47.3	19.4	485	3.42	6.6	0.6	37.1	3.3	34.4	0.12	0.19	0.05	74	0.59	0.139
1077255	Silt		0.37	9.71	3.93	60.1	33	43.3	13.7	395	2.35	2.9	0.4	23.3	2.3	47.1	0.11	0.11	0.03	57	0.67	0.116
1077256	Silt		0.91	18.48	7.50	68.9	85	52.1	14.5	433	2.64	5.5	0.7	25.2	1.6	45.1	0.20	0.21	0.12	67	0.71	0.120
1077257	Silt		0.61	35.36	18.68	82.7	262	103.8	19.4	550	3.12	9.2	1.2	1.6	1.2	56.2	0.29	0.33	0.18	74	0.82	0.112
1077258	Silt		1.48	44.30	29.88	74.3	414	55.5	15.7	469	2.58	17.0	2.6	17.4	4.5	85.4	0.21	0.53	2.12	59	0.75	0.115
1077259 GS-1 STD	Silt		0.63	20.57	7.88	49.4	34	25.6	11.7	407	2.63	4.3	1.3	<0.2	6.8	75.3	0.06	0.16	0.18	13	3.62	0.039
1077260	Silt		0.48	8.60	6.23	48.6	56	22.1	7.1	299	1.63	5.7	1.3	4.6	5.2	23.7	0.09	0.28	0.09	31	0.59	0.119
1077261	Silt		0.64	6.84	7.45	37.9	47	17.1	6.2	240	1.49	4.2	1.2	11.9	5.8	20.7	0.09	0.23	0.08	28	0.54	0.124
1077262	Silt		0.71	13.40	8.32	63.3	77	20.2	8.5	431	1.92	15.1	2.3	8.5	7.0	41.9	0.15	0.96	0.12	37	0.57	0.086
1077263	Silt		0.53	18.75	7.46	68.2	41	82.9	15.9	434	2.63	4.1	0.8	6.4	2.7	101.3	0.08	0.20	0.07	61	0.76	0.128
1077264 GS-1 STD	Silt		0.66	20.65	7.98	49.3	29	25.6	11.5	407	2.62	4.1	1.3	<0.2	6.7	76.4	0.05	0.16	0.17	12	3.60	0.038
1077265	Silt		0.57	17.25	6.26	67.9	20	99.6	18.5	466	2.97	3.3	0.7	2.8	2.4	99.8	0.07	0.19	0.05	71	0.68	0.134
1077266	Silt		0.33	22.39	4.94	57.1	30	67.7	13.8	317	2.27	2.0	1.1	9.3	2.4	115.4	0.05	0.09	0.06	55	0.91	0.148
1077267	Silt		2.41	51.31	33.39	71.4	213	20.4	9.2	356	3.07	15.8	5.6	94.3	8.4	58.0	0.31	0.66	2.35	80	0.58	0.150
1077268	Silt		0.95	25.94	22.78	58.2	106	26.3	8.8	299	2.40	5.7	1.7	24.5	4.8	38.4	0.22	0.40	1.01	64	0.53	0.123
1077269	Silt		1.56	24.63	26.73	78.6	168	23.8	8.0	320	3.70	12.4	5.8	434.8	16.2	31.3	0.32	0.72	1.34	99	0.61	0.188
1077270	Silt		2.13	30.86	19.73	76.8	163	26.7	10.8	380	2.01	8.2	1.5	80.3	3.2	51.3	0.31	0.41	0.55	50	0.54	0.138
1077271	Silt		1.54	23.43	15.86	61.9	188	23.6	9.2	308	1.88	7.3	1.3	157.9	4.0	46.1	0.18	0.40	0.42	49	0.59	0.161

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

		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	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	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	0.02
1077492	Silt		14.3	76.0	0.70	107.7	0.060	2	1.26	0.029	0.10	0.1	5.4	0.04	<0.02	23	0.3	<0.02	3.5	2.31	<0.1	0.14
1077493	Silt		13.9	36.2	0.49	459.4	0.049	<1	0.98	0.014	0.14	0.3	3.0	0.14	0.03	27	0.5	0.08	3.3	2.41	<0.1	0.03
1077494	Silt		15.1	33.2	0.41	304.2	0.046	<1	0.94	0.014	0.11	0.4	2.9	0.10	0.02	11	0.5	0.05	2.8	2.41	<0.1	0.03
1077495	Silt		14.5	30.0	0.35	242.4	0.031	<1	0.84	0.015	0.08	0.3	2.6	0.07	<0.02	19	<0.1	0.02	2.8	2.80	<0.1	<0.02
1077496	Silt		15.7	26.9	0.29	394.4	0.037	<1	0.88	0.006	0.06	0.8	2.6	0.10	<0.02	47	0.5	<0.02	2.6	2.41	<0.1	<0.02
1077497	Silt		13.1	41.4	0.59	236.3	0.054	<1	1.21	0.021	0.12	0.5	4.6	0.07	<0.02	28	0.2	0.05	3.9	1.78	<0.1	0.04
1077498	Silt		12.9	85.3	1.48	196.2	0.052	2	1.73	0.037	0.12	0.2	4.5	0.07	<0.02	18	0.1	<0.02	4.7	1.04	<0.1	0.09
1077499	Silt		11.0	86.7	1.52	100.5	0.091	2	1.63	0.055	0.05	0.1	4.6	<0.02	<0.02	7	<0.1	<0.02	5.1	0.72	<0.1	0.10
1077500	Silt		16.4	55.7	0.63	203.2	0.059	1	1.43	0.017	0.09	0.8	2.7	0.11	0.03	32	0.8	0.19	5.0	6.76	<0.1	0.03
1077251	Silt		16.7	60.7	0.65	176.9	0.057	2	1.43	0.016	0.08	0.7	2.8	0.11	0.03	27	0.6	0.11	5.2	6.71	<0.1	0.02
1077252	Silt		16.3	59.4	0.76	144.8	0.051	2	1.92	0.020	0.10	0.5	3.1	0.19	0.05	85	0.6	<0.02	5.7	7.69	<0.1	<0.02
1077253	Silt		15.0	107.7	1.06	150.2	0.048	2	1.41	0.018	0.04	0.2	4.5	<0.02	<0.02	135	<0.1	<0.02	5.1	0.47	<0.1	0.09
1077254	Silt		15.9	114.5	1.13	158.4	0.047	1	1.48	0.018	0.04	0.3	4.8	<0.02	<0.02	181	0.2	<0.02	5.2	0.47	<0.1	0.11
1077255	Silt		11.8	105.5	1.40	104.2	0.072	1	1.35	0.019	0.04	0.2	3.7	<0.02	<0.02	32	<0.1	<0.02	4.5	0.95	<0.1	0.09
1077256	Silt		11.7	114.2	1.43	107.5	0.078	2	1.59	0.018	0.09	0.2	4.5	0.06	0.03	22	0.5	0.04	5.0	3.05	<0.1	0.05
1077257	Silt		9.8	176.1	2.30	91.9	0.118	1	2.18	0.021	0.20	0.1	4.0	0.11	0.03	41	0.8	<0.02	6.6	6.50	<0.1	0.07
1077258	Silt		13.5	106.6	1.23	173.5	0.112	<1	2.27	0.026	0.17	0.9	2.7	0.26	0.04	30	0.4	<0.02	6.1	5.33	<0.1	<0.02
1077259 GS-1 STD	Silt		17.8	20.8	1.02	66.2	0.030	1	1.18	0.020	0.20	0.1	1.7	0.09	0.03	8	0.2	0.03	3.3	0.97	<0.1	<0.02
1077260	Silt		18.1	34.5	0.43	128.1	0.048	1	0.89	0.012	0.06	1.0	2.3	0.07	<0.02	33	<0.1	<0.02	2.8	1.76	<0.1	0.05
1077261	Silt		16.7	29.2	0.32	98.8	0.047	2	0.78	0.010	0.05	1.2	2.0	0.06	<0.02	19	0.1	<0.02	3.0	1.31	<0.1	0.04
1077262	Silt		17.7	34.6	0.40	227.6	0.030	2	0.97	0.013	0.09	0.6	3.8	0.09	0.02	36	0.3	<0.02	3.0	2.35	<0.1	0.04
1077263	Silt		11.0	86.9	1.53	132.3	0.065	2	1.42	0.033	0.12	0.2	3.9	0.04	<0.02	9	0.2	<0.02	4.4	0.97	<0.1	0.09
1077264 GS-1 STD	Silt		17.4	20.0	1.01	66.5	0.029	1	1.16	0.020	0.19	0.1	1.8	0.09	0.03	13	0.2	<0.02	3.2	0.98	<0.1	<0.02
1077265	Silt		10.4	105.5	1.79	113.0	0.077	1	1.40	0.033	0.11	0.2	3.7	<0.02	<0.02	6	<0.1	<0.02	4.8	0.80	<0.1	0.14
1077266	Silt		12.3	80.0	1.44	152.7	0.068	1	1.48	0.038	0.19	0.1	3.9	0.06	0.02	18	0.2	<0.02	4.3	0.98	<0.1	0.11
1077267	Silt		16.7	51.9	0.47	77.4	0.063	<1	1.21	0.013	0.10	1.4	2.1	0.15	0.02	23	0.4	0.05	5.0	6.57	<0.1	0.03
1077268	Silt		14.2	61.0	0.59	70.2	0.077	<1	0.98	0.016	0.08	0.8	2.1	0.09	<0.02	19	0.2	0.02	4.2	3.10	<0.1	0.04
1077269	Silt		20.9	60.7	0.48	54.2	0.060	1	0.91	0.010	0.09	0.9	1.7	0.08	<0.02	11	0.2	0.03	4.7	4.44	<0.1	0.03
1077270	Silt		13.7	47.3	0.56	83.6	0.074	<1	1.24	0.014	0.09	0.4	2.0	0.22	0.02	28	0.3	<0.02	4.4	4.49	<0.1	<0.02
1077271	Silt		15.7	47.5	0.51	76.6	0.077	<1	1.10	0.014	0.07	0.7	1.9	0.17	0.02	21	0.3	0.04	4.1	3.95	<0.1	0.02

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

		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
1077492	Silt		0.36	12.5	0.6	<0.05	6.0	10.03	29.0	0.03	1	0.3	7.7	<10	<2	7.2
1077493	Silt		0.44	13.7	0.4	<0.05	1.4	7.84	26.9	<0.02	2	0.5	8.5	<10	<2	4.5
1077494	Silt		0.46	10.3	0.3	<0.05	1.4	8.54	29.4	<0.02	<1	0.3	7.1	<10	<2	4.8
1077495	Silt		0.29	8.1	0.4	<0.05	1.3	7.75	28.7	0.02	<1	0.2	5.7	<10	<2	4.1
1077496	Silt		0.42	6.6	0.3	<0.05	0.6	6.74	28.9	<0.02	<1	0.2	6.1	<10	<2	4.3
1077497	Silt		0.43	10.9	0.4	<0.05	2.0	8.73	23.8	0.02	<1	0.4	9.4	<10	<2	5.8
1077498	Silt		0.50	13.6	0.5	<0.05	3.7	7.86	27.0	<0.02	<1	0.7	12.3	<10	<2	10.0
1077499	Silt		0.37	7.1	0.5	<0.05	5.9	8.49	25.0	<0.02	<1	1.1	7.6	<10	<2	6.9
1077500	Silt		0.69	12.2	0.5	<0.05	1.3	8.36	33.2	0.02	<1	0.7	17.9	12	<2	6.3
1077251	Silt		0.73	11.6	0.4	<0.05	1.1	8.05	34.5	0.03	<1	1.0	16.6	16	<2	7.1
1077252	Silt		1.15	15.1	0.8	<0.05	0.8	9.85	34.0	0.04	<1	1.4	16.6	<10	<2	15.0
1077253	Silt		0.31	5.1	0.4	<0.05	4.6	9.71	32.3	<0.02	<1	0.4	9.5	<10	<2	5.2
1077254	Silt		0.31	4.8	0.5	<0.05	4.5	10.01	34.8	<0.02	<1	0.6	9.2	<10	2	5.4
1077255	Silt		0.52	5.4	0.4	<0.05	2.9	7.56	25.9	<0.02	<1	0.3	9.6	<10	<2	5.9
1077256	Silt		0.62	10.5	0.4	<0.05	2.0	8.74	25.1	0.03	<1	0.3	11.3	<10	<2	8.6
1077257	Silt		0.84	19.1	0.5	<0.05	3.1	10.22	20.0	<0.02	<1	0.6	16.4	<10	2	12.0
1077258	Silt		1.12	17.7	0.7	<0.05	0.9	6.81	26.9	0.03	<1	0.6	17.0	<10	<2	11.8
1077259 GS-1 STD	Silt		0.62	14.1	0.6	<0.05	0.9	6.75	35.6	<0.02	<1	0.4	27.1	<10	<2	8.6
1077260	Silt		0.57	10.2	0.4	<0.05	1.4	8.26	36.9	<0.02	<1	0.5	7.8	<10	<2	5.8
1077261	Silt		0.54	8.4	0.3	<0.05	1.9	8.77	34.0	<0.02	<1	0.2	6.1	<10	<2	4.5
1077262	Silt		0.64	10.8	0.4	<0.05	2.0	12.83	31.3	<0.02	1	0.6	8.4	<10	<2	7.1
1077263	Silt		0.36	11.6	0.5	<0.05	4.4	7.33	24.2	<0.02	<1	0.7	12.3	<10	<2	7.6
1077264 GS-1 STD	Silt		0.58	13.5	0.6	<0.05	0.9	6.77	35.1	<0.02	<1	0.3	26.7	<10	<2	8.5
1077265	Silt		0.25	9.7	0.6	<0.05	6.3	7.10	23.8	0.02	<1	0.9	13.4	<10	2	6.2
1077266	Silt		0.53	17.3	0.5	<0.05	4.6	7.90	26.0	<0.02	<1	0.7	9.4	<10	<2	10.2
1077267	Silt		0.96	16.1	0.6	<0.05	1.4	7.96	33.2	0.03	<1	0.9	13.4	<10	<2	7.2
1077268	Silt		0.67	12.0	0.4	<0.05	2.3	6.64	28.5	<0.02	<1	0.6	10.5	<10	16	4.1
1077269	Silt		0.83	13.7	0.7	<0.05	1.9	11.55	45.2	<0.02	<1	0.6	12.9	<10	<2	3.8
1077270	Silt		0.79	13.6	0.5	<0.05	1.1	5.95	27.1	<0.02	<1	0.8	16.3	<10	7	6.7
1077271	Silt		0.70	10.9	0.5	<0.05	1.1	6.53	30.8	<0.02	<1	0.6	14.1	<10	<2	5.4

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

	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
1077272	Silt	0.64	48.44	6.77	34.7	41	107.1	17.9	627	2.35	5.9	2.3	0.4	6.1	270.6	0.10	0.09	0.07	42	2.34	0.236
1077273	Silt	1.36	50.83	38.96	96.2	264	31.6	9.6	576	2.78	6.3	7.6	102.9	3.7	64.1	0.24	1.01	1.13	78	0.83	0.213
1077274	Silt	1.50	49.64	30.99	85.2	212	40.6	9.8	517	2.56	7.3	7.5	9.5	3.7	71.0	0.25	0.79	0.60	74	0.84	0.203
1077275	Silt	1.35	50.19	42.74	85.5	508	30.6	10.4	642	2.44	7.6	2.8	200.9	3.9	53.3	0.35	0.79	2.10	59	0.61	0.134
1077276	Silt	1.51	53.20	42.93	90.3	571	32.3	11.1	702	2.45	7.8	3.9	101.0	3.3	55.5	0.33	0.74	1.87	58	0.68	0.136
1077277	Silt	1.05	29.84	5.63	48.4	38	33.3	8.8	297	2.06	3.4	1.5	5.3	5.2	65.1	0.05	0.20	0.16	75	0.85	0.264
1077278	Silt	0.96	35.53	5.82	51.9	50	35.4	9.8	330	2.04	3.3	1.6	1.5	5.2	71.0	0.10	0.23	0.14	66	0.82	0.227
1077279	Silt	1.33	47.00	6.91	54.7	114	48.3	12.0	409	2.27	15.3	3.2	1.6	4.7	101.1	0.14	0.30	0.15	64	0.88	0.188
1077280	Silt	0.31	16.31	6.15	72.5	27	42.9	14.4	301	2.41	2.9	0.6	3.9	2.3	119.3	0.09	0.23	0.05	63	0.75	0.126
1077281	Silt	0.32	17.36	6.16	72.7	41	44.3	14.1	310	2.48	2.6	0.7	15.0	2.4	127.3	0.08	0.21	0.06	63	0.80	0.131
1077282	Silt	0.51	12.25	6.22	58.1	37	54.1	12.2	367	2.39	4.9	1.3	6.7	4.0	91.1	0.08	0.38	0.07	52	0.62	0.131
1077283	Silt	1.01	40.11	33.46	86.4	222	33.8	11.2	437	2.32	7.4	1.1	2.4	2.7	51.4	0.34	0.48	0.40	57	0.66	0.134
1077284	Silt	0.56	28.03	4.73	51.0	22	77.4	15.2	418	2.60	4.3	1.2	3.8	3.7	150.1	0.10	0.14	0.11	59	1.22	0.155
1077285	Silt	0.54	21.90	4.38	49.5	23	71.7	13.7	358	2.54	4.1	1.1	1.7	3.4	129.8	0.09	0.15	0.08	59	1.09	0.160
1077286	Silt	0.45	16.88	4.33	47.3	19	33.9	7.8	279	1.91	5.5	0.9	1.4	4.1	110.0	0.08	0.16	0.07	51	0.76	0.259
1077287	Silt	0.27	16.09	4.13	69.9	40	52.0	11.6	441	2.21	2.5	0.6	5.2	1.5	76.2	0.19	0.13	0.08	46	0.70	0.100
1077288	Silt	0.64	17.88	4.71	52.0	27	49.0	9.7	337	2.12	5.4	1.2	20.2	3.8	69.9	0.10	0.15	0.08	59	0.75	0.218
1077289	Silt	0.77	15.97	6.49	63.4	79	24.2	9.3	353	2.22	8.6	1.1	3.1	4.0	47.0	0.21	0.45	0.11	41	0.46	0.104
1077290	Silt	0.69	13.21	5.35	62.0	59	28.1	8.7	206	1.91	7.9	1.0	41.3	3.4	36.8	0.14	0.69	0.07	40	0.43	0.103
1077291	Silt	0.58	14.26	5.90	67.5	86	28.6	9.1	256	1.98	7.7	1.3	41.7	4.5	42.0	0.22	0.83	0.08	48	0.55	0.127
1077292	Silt	0.78	13.09	5.85	78.5	52	37.5	14.3	1123	2.39	12.7	1.0	0.4	2.6	70.9	0.43	0.61	0.08	50	0.52	0.105
1077293 GS-1 STD	Silt	0.64	20.36	8.82	49.1	30	25.5	11.2	422	2.69	4.6	1.4	0.6	7.1	86.3	0.05	0.19	0.21	9	3.71	0.043
1077294	Silt	1.10	15.02	5.98	72.6	57	40.7	10.3	450	2.43	15.0	0.8	5.6	3.1	43.6	0.23	1.03	0.08	50	0.44	0.111
1077295	Silt	1.07	17.63	6.13	75.1	87	33.0	10.0	416	2.49	17.4	0.9	0.7	3.0	41.6	0.21	1.10	0.09	48	0.44	0.104
1077296	Silt	2.10	64.20	46.82	171.8	664	40.0	13.6	677	2.69	35.0	2.9	4.0	2.2	78.2	0.78	1.40	1.90	59	0.65	0.129
1077297	Silt	3.34	68.79	202.5	325.2	1935	54.6	17.8	1159	3.34	219.8	2.8	7.3	3.0	44.0	2.52	3.67	2.21	67	0.53	0.135
1077298	Silt	2.49	16.31	33.11	91.4	278	23.1	8.0	420	2.48	7.4	18.7	19.4	8.8	47.2	0.59	0.45	0.94	61	0.51	0.126
1077299	Silt	0.69	13.97	4.63	69.3	39	64.5	16.1	591	2.80	4.6	0.5	2.7	1.9	64.1	0.14	0.14	0.09	66	0.73	0.119
1077300	Silt	0.52	16.58	7.79	66.7	49	79.2	18.2	395	3.06	5.9	0.5	1.0	1.8	56.4	0.15	0.18	0.08	74	0.77	0.116
1075551	Silt	0.75	24.38	11.06	68.7	115	73.1	15.8	434	3.01	6.8	1.0	0.3	2.1	57.0	0.25	0.25	0.14	76	0.79	0.120

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

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	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	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	0.02
1077272	Silt	19.5	107.8	2.21	342.5	0.014	3	1.16	0.024	0.20	<0.1	6.0	0.07	<0.02	6	0.3	0.02	2.9	1.29	<0.1	0.12
1077273	Silt	21.3	79.9	0.79	63.2	0.066	1	1.38	0.012	0.06	0.6	2.7	0.05	0.02	25	0.4	<0.02	5.7	7.15	<0.1	0.04
1077274	Silt	20.1	77.5	0.84	61.3	0.074	2	1.40	0.014	0.06	1.6	2.7	0.04	<0.02	24	0.4	<0.02	5.5	7.52	<0.1	0.04
1077275	Silt	14.0	67.4	0.72	88.9	0.070	1	1.58	0.014	0.08	0.5	2.6	0.11	0.03	47	0.4	0.04	5.6	5.89	<0.1	0.02
1077276	Silt	14.6	64.5	0.76	100.3	0.069	1	1.67	0.015	0.08	0.5	2.7	0.12	0.04	53	0.3	0.03	5.8	6.18	<0.1	0.04
1077277	Silt	21.1	53.1	0.82	59.7	0.093	<1	0.88	0.013	0.04	0.8	2.1	<0.02	<0.02	10	0.2	<0.02	3.9	1.35	<0.1	0.11
1077278	Silt	20.4	49.6	0.91	72.6	0.105	<1	1.03	0.016	0.05	0.7	2.5	<0.02	<0.02	13	0.1	<0.02	4.4	1.63	0.1	0.12
1077279	Silt	19.8	58.6	1.15	89.9	0.086	2	1.42	0.019	0.06	0.5	3.5	0.03	<0.02	16	0.3	<0.02	5.3	4.18	<0.1	0.07
1077280	Silt	10.4	80.2	1.17	74.9	0.116	1	1.27	0.034	0.05	0.2	3.2	<0.02	<0.02	8	0.3	<0.02	4.4	1.26	<0.1	0.11
1077281	Silt	11.1	80.1	1.19	82.3	0.116	1	1.36	0.034	0.05	0.2	3.6	<0.02	<0.02	32	0.2	<0.02	4.5	1.35	<0.1	0.11
1077282	Silt	13.6	75.2	0.54	142.9	0.031	1	1.01	0.014	0.12	0.2	4.6	0.06	<0.02	105	0.3	<0.02	3.1	3.50	<0.1	0.07
1077283	Silt	13.8	72.8	0.82	104.3	0.077	1	1.40	0.021	0.08	0.4	3.0	0.08	0.04	35	0.5	0.05	4.7	6.20	<0.1	0.04
1077284	Silt	14.6	81.1	1.30	215.1	0.011	1	1.08	0.021	0.09	<0.1	5.5	0.03	<0.02	12	0.3	0.05	3.2	1.18	<0.1	0.09
1077285	Silt	14.7	89.8	1.15	193.3	0.013	1	1.00	0.020	0.08	0.1	4.7	0.03	<0.02	8	0.2	0.06	3.0	1.05	<0.1	0.08
1077286	Silt	17.5	42.2	0.58	149.5	0.026	2	0.91	0.017	0.07	0.2	2.6	0.04	<0.02	<5	0.3	<0.02	2.6	2.69	<0.1	0.07
1077287	Silt	10.1	64.1	0.88	119.8	0.049	<1	1.47	0.016	0.04	0.1	3.3	0.04	0.03	29	0.2	0.04	4.1	0.77	<0.1	0.04
1077288	Silt	16.3	67.2	0.59	103.8	0.032	1	0.96	0.017	0.07	0.2	2.7	0.04	<0.02	7	0.1	0.06	2.8	1.25	<0.1	0.07
1077289	Silt	14.5	30.7	0.34	295.3	0.027	<1	0.92	0.012	0.09	0.2	3.1	0.10	0.02	60	0.4	0.03	3.0	1.94	<0.1	0.04
1077290	Silt	12.5	40.6	0.47	195.7	0.056	1	0.93	0.016	0.06	0.5	2.1	0.04	0.04	34	0.5	<0.02	2.9	0.89	<0.1	0.04
1077291	Silt	15.7	50.4	0.51	280.0	0.064	1	0.85	0.020	0.06	0.9	2.4	0.04	<0.02	17	0.3	0.06	3.1	0.90	<0.1	0.07
1077292	Silt	11.6	44.5	0.81	141.6	0.074	<1	1.19	0.025	0.08	0.2	2.5	0.06	<0.02	17	0.1	0.04	3.9	1.32	<0.1	0.03
1077293 GS-1 STD	Silt	18.4	19.6	1.06	64.5	0.030	<1	1.31	0.020	0.23	0.1	1.7	0.10	0.03	<5	0.3	0.04	3.4	0.96	<0.1	<0.02
1077294	Silt	11.4	56.0	0.59	245.8	0.056	1	0.94	0.018	0.08	0.2	2.2	0.05	<0.02	18	0.4	0.02	3.2	1.00	<0.1	0.04
1077295	Silt	11.7	43.6	0.59	331.0	0.055	2	0.98	0.018	0.09	0.2	2.5	0.06	0.03	21	0.5	0.05	3.0	1.15	<0.1	<0.02
1077296	Silt	17.7	66.4	0.82	124.2	0.051	1	1.73	0.017	0.10	0.4	2.5	0.16	0.04	43	0.5	0.08	5.7	7.73	<0.1	<0.02
1077297	Silt	20.3	73.3	0.76	223.4	0.052	2	2.07	0.011	0.13	0.4	3.4	0.16	0.05	78	1.6	0.28	6.7	13.34	<0.1	<0.02
1077298	Silt	17.0	51.9	0.46	106.9	0.060	<1	1.46	0.011	0.09	1.1	2.2	0.15	0.02	32	0.4	0.06	4.7	3.42	<0.1	<0.02
1077299	Silt	12.3	122.5	1.63	138.5	0.080	2	1.53	0.017	0.06	0.1	4.4	0.03	0.02	152	0.6	0.04	4.9	1.01	<0.1	0.07
1077300	Silt	10.9	140.3	2.24	87.1	0.093	<1	1.77	0.017	0.08	0.1	4.4	0.04	<0.02	26	0.3	0.04	5.7	1.64	<0.1	0.07
1075551	Silt	12.7	139.2	1.73	98.8	0.098	1	1.84	0.020	0.13	0.1	5.0	0.06	<0.02	27	0.4	<0.02	5.8	2.90	<0.1	0.05

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

	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
1077272	Silt	0.07	17.3	0.5	<0.05	7.7	12.23	42.0	0.03	<1	1.4	7.7	<10	3	14.1
1077273	Silt	0.95	9.1	0.6	<0.05	2.3	9.14	39.7	0.02	<1	1.6	19.1	<10	<2	7.4
1077274	Silt	1.07	8.6	0.5	<0.05	2.7	8.89	37.7	0.02	<1	1.5	23.3	<10	3	6.8
1077275	Silt	1.02	12.9	0.8	<0.05	1.5	7.17	28.9	0.02	<1	1.1	16.3	<10	<2	10.7
1077276	Silt	1.20	15.2	0.6	<0.05	1.5	7.42	29.3	0.02	<1	1.4	17.9	<10	<2	13.2
1077277	Silt	0.81	4.7	0.5	<0.05	4.9	9.73	43.8	<0.02	<1	0.5	11.6	<10	<2	3.1
1077278	Silt	1.11	5.7	0.6	<0.05	5.4	9.51	41.9	<0.02	<1	0.9	13.1	<10	<2	3.7
1077279	Silt	1.32	7.5	0.6	<0.05	3.9	9.98	40.0	<0.02	<1	1.2	18.9	<10	<2	8.4
1077280	Silt	0.61	6.9	0.5	<0.05	5.2	7.38	22.4	<0.02	<1	0.8	8.0	<10	<2	6.7
1077281	Silt	0.72	7.6	0.5	<0.05	5.1	7.77	23.8	<0.02	<1	0.6	8.2	<10	<2	7.6
1077282	Silt	0.43	16.8	0.6	<0.05	2.4	9.77	28.8	<0.02	<1	0.9	7.2	<10	<2	8.6
1077283	Silt	0.83	10.1	0.4	<0.05	1.8	7.35	28.1	<0.02	<1	0.6	14.6	<10	<2	8.3
1077284	Silt	0.23	9.3	0.8	<0.05	3.2	10.15	30.2	0.05	<1	0.7	6.2	<10	<2	11.3
1077285	Silt	0.24	7.5	0.7	<0.05	2.8	9.20	30.1	0.02	<1	0.8	5.4	<10	<2	10.6
1077286	Silt	0.33	8.8	0.7	<0.05	2.6	9.55	34.3	0.03	<1	0.9	7.4	<10	<2	7.5
1077287	Silt	0.52	10.9	0.4	<0.05	1.8	7.32	21.2	<0.02	<1	0.4	8.6	<10	<2	13.1
1077288	Silt	0.39	8.9	0.7	<0.05	2.8	9.91	32.1	0.02	<1	0.7	6.8	<10	<2	7.8
1077289	Silt	0.45	8.5	0.4	<0.05	1.3	7.85	28.3	0.02	<1	0.2	7.2	<10	10	6.0
1077290	Silt	0.50	6.6	0.4	<0.05	1.9	6.28	24.5	<0.02	2	0.4	7.5	<10	<2	4.6
1077291	Silt	0.44	6.7	0.4	<0.05	2.9	8.10	30.9	<0.02	<1	0.4	8.3	<10	3	4.1
1077292	Silt	0.48	10.1	0.5	<0.05	2.0	7.20	23.3	<0.02	<1	0.4	12.2	<10	<2	6.2
1077293 GS-1 STD	Silt	0.59	14.2	0.6	<0.05	0.9	7.00	34.4	<0.02	<1	0.4	28.7	<10	<2	8.5
1077294	Silt	0.44	7.8	0.4	<0.05	1.8	6.33	22.3	<0.02	<1	0.4	8.6	<10	<2	5.0
1077295	Silt	0.44	8.6	0.3	<0.05	1.7	6.72	23.1	<0.02	<1	0.3	8.4	<10	<2	5.0
1077296	Silt	0.77	10.8	0.6	<0.05	1.1	8.81	31.1	0.04	<1	1.2	18.5	13	<2	14.0
1077297	Silt	0.77	14.5	0.6	<0.05	0.7	13.18	35.6	0.06	1	1.1	21.1	25	<2	13.9
1077298	Silt	0.89	11.7	0.8	<0.05	0.8	9.84	31.7	0.03	<1	0.6	14.7	<10	<2	7.8
1077299	Silt	0.79	7.3	0.6	<0.05	3.3	8.44	24.9	0.02	<1	0.3	11.6	<10	<2	8.0
1077300	Silt	0.51	7.2	0.6	<0.05	3.5	8.18	21.9	0.03	<1	0.5	11.6	<10	<2	7.7
1075551	Silt	0.69	10.6	0.6	<0.05	3.0	11.15	23.2	<0.02	<1	0.7	12.9	<10	<2	8.7

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

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	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
1075552	Silt	1.62	29.58	29.79	76.7	247	59.2	14.7	489	3.18	19.2	3.0	29.5	7.1	86.9	0.56	0.76	0.73	80	0.68	0.158
1075553	Silt	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.

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

	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	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	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	0.02
1075552	Silt	18.2	126.2	1.15	153.6	0.109	<1	1.77	0.016	0.21	0.5	2.9	0.20	0.05	24	0.7	0.06	5.6	4.47	<0.1	<0.02
1075553	Silt	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.

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000756.1

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
1075552	Silt	1.03	16.8	0.6	<0.05	1.0	10.33	34.9	0.03	<1	0.8	15.8	<10	<2	10.0
1075553	Silt	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.

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

QUALITY CONTROL REPORT WHI11000756.1

	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	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																					
1077470	Silt	1.38	27.93	42.56	91.1	162	21.7	9.0	366	4.09	13.3	6.6	2.8	17.6	38.7	0.41	0.94	1.65	117	0.59	0.170
REP 1077470	QC																				
1077476	Silt	1.22	44.79	31.47	84.2	169	32.6	9.4	412	2.26	6.2	7.1	2.0	4.0	79.7	0.23	0.71	0.52	64	0.75	0.184
REP 1077476	QC	1.21	45.32	31.73	83.0	174	32.8	9.6	417	2.29	6.1	7.2	22.2	4.2	79.5	0.24	0.75	0.58	65	0.76	0.183
1077488	Silt	1.61	52.24	52.25	118.8	500	34.1	12.4	742	2.42	13.6	3.6	5.2	3.8	83.9	0.80	1.03	0.74	61	0.49	0.120
REP 1077488	QC	1.53	51.42	50.58	115.9	469	33.7	12.2	715	2.42	13.2	3.5	5.3	3.9	83.5	0.82	0.98	0.74	61	0.49	0.123
1077264 GS-1 STD	Silt	0.66	20.65	7.98	49.3	29	25.6	11.5	407	2.62	4.1	1.3	<0.2	6.7	76.4	0.05	0.16	0.17	12	3.60	0.038
REP 1077264 GS-1 STD	QC	0.63	20.96	7.88	47.7	32	25.3	11.4	390	2.61	4.1	1.3	<0.2	6.8	77.1	0.05	0.17	0.18	12	3.59	0.037
1077272	Silt	0.64	48.44	6.77	34.7	41	107.1	17.9	627	2.35	5.9	2.3	0.4	6.1	270.6	0.10	0.09	0.07	42	2.34	0.236
REP 1077272	QC	0.65	49.94	6.98	34.8	35	110.4	18.6	656	2.38	6.1	2.3	1.1	6.3	280.8	0.11	0.08	0.06	43	2.39	0.240
1077280	Silt	0.31	16.31	6.15	72.5	27	42.9	14.4	301	2.41	2.9	0.6	3.9	2.3	119.3	0.09	0.23	0.05	63	0.75	0.126
REP 1077280	QC																				
1077288	Silt	0.64	17.88	4.71	52.0	27	49.0	9.7	337	2.12	5.4	1.2	20.2	3.8	69.9	0.10	0.15	0.08	59	0.75	0.218
REP 1077288	QC	0.67	18.59	4.59	51.0	19	45.3	10.2	331	2.12	5.6	1.1	1.2	3.7	68.3	0.07	0.15	0.09	56	0.74	0.209
1077292	Silt	0.78	13.09	5.85	78.5	52	37.5	14.3	1123	2.39	12.7	1.0	0.4	2.6	70.9	0.43	0.61	0.08	50	0.52	0.105
REP 1077292	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard	13.34	113.6	123.1	306.4	1700	38.3	7.9	601	2.46	25.0	2.5	104.8	6.2	58.9	2.24	4.88	5.79	40	0.72	0.076
STD DS8	Standard	12.56	108.1	128.2	302.2	1711	38.8	7.4	618	2.42	25.7	2.7	103.0	6.8	66.5	2.25	5.09	6.67	35	0.69	0.082
STD DS8	Standard	13.41	111.3	122.3	315.5	1727	38.2	7.7	602	2.48	24.4	2.7	118.1	6.8	64.0	2.27	5.41	6.39	37	0.72	0.076
STD DOLOMITE-2 Expected																					
STD DS8 Expected		13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
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	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

QUALITY CONTROL REPORT WHI11000756.1

	Method	1F30	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	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	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	0.02
Pulp Duplicates																					
1077470	Silt	23.1	55.4	0.46	71.3	0.064	<1	1.12	0.009	0.11	0.8	1.8	0.11	<0.02	20	0.3	0.07	5.1	5.22	<0.1	0.03
REP 1077470	QC																				
1077476	Silt	20.9	54.0	0.86	59.6	0.070	<1	1.28	0.010	0.06	1.6	2.6	0.05	<0.02	14	0.3	<0.02	5.4	6.85	<0.1	0.06
REP 1077476	QC	21.2	56.7	0.86	61.0	0.077	<1	1.32	0.010	0.06	1.5	2.5	0.05	<0.02	33	0.4	0.07	5.5	7.14	<0.1	0.07
1077488	Silt	15.4	53.5	0.76	129.2	0.090	<1	1.78	0.013	0.12	0.2	2.6	0.23	0.04	69	0.5	0.08	6.0	8.97	<0.1	<0.02
REP 1077488	QC	15.1	52.6	0.74	124.5	0.093	<1	1.77	0.014	0.12	0.3	2.7	0.21	0.04	70	0.6	0.10	5.9	8.66	<0.1	0.02
1077264 GS-1 STD	Silt	17.4	20.0	1.01	66.5	0.029	1	1.16	0.020	0.19	0.1	1.8	0.09	0.03	13	0.2	<0.02	3.2	0.98	<0.1	<0.02
REP 1077264 GS-1 STD	QC	16.4	19.2	1.01	63.3	0.029	1	1.15	0.020	0.19	0.1	1.7	0.09	0.03	10	0.3	<0.02	3.1	0.97	<0.1	0.02
1077272	Silt	19.5	107.8	2.21	342.5	0.014	3	1.16	0.024	0.20	<0.1	6.0	0.07	<0.02	6	0.3	0.02	2.9	1.29	<0.1	0.12
REP 1077272	QC	20.0	113.1	2.26	357.1	0.014	4	1.17	0.024	0.20	<0.1	6.1	0.07	<0.02	7	<0.1	0.03	3.1	1.25	<0.1	0.10
1077280	Silt	10.4	80.2	1.17	74.9	0.116	1	1.27	0.034	0.05	0.2	3.2	<0.02	<0.02	8	0.3	<0.02	4.4	1.26	<0.1	0.11
REP 1077280	QC																				
1077288	Silt	16.3	67.2	0.59	103.8	0.032	1	0.96	0.017	0.07	0.2	2.7	0.04	<0.02	7	0.1	0.06	2.8	1.25	<0.1	0.07
REP 1077288	QC	16.1	65.2	0.57	97.1	0.039	<1	0.94	0.016	0.05	0.2	2.8	0.03	<0.02	<5	0.4	0.07	2.8	1.48	<0.1	0.08
1077292	Silt	11.6	44.5	0.81	141.6	0.074	<1	1.19	0.025	0.08	0.2	2.5	0.06	<0.02	17	0.1	0.04	3.9	1.32	<0.1	0.03
REP 1077292	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard	13.7	119.1	0.61	262.5	0.114	2	0.91	0.087	0.41	3.0	2.0	5.22	0.17	190	5.1	4.42	4.5	2.41	<0.1	0.07
STD DS8	Standard	14.5	118.7	0.60	257.6	0.109	3	0.92	0.089	0.41	2.6	2.0	5.36	0.15	193	5.6	4.79	4.4	2.30	<0.1	0.06
STD DS8	Standard	15.6	116.1	0.62	260.4	0.117	3	0.93	0.089	0.42	3.0	2.1	5.15	0.16	228	5.1	4.84	4.5	2.40	<0.1	0.08
STD DOLOMITE-2 Expected																					
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	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	<0.02	<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	<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

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 15, 2011

QUALITY CONTROL REPORT WHI11000756.1

	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
Pulp Duplicates															
1077470	Silt	0.87	15.2	0.8	<0.05	1.7	12.52	46.2	0.03	1	0.8	13.6	<10	<2	4.9
REP 1077470	QC														4.7
1077476	Silt	1.04	8.1	0.6	<0.05	3.7	8.81	37.0	<0.02	<1	1.3	24.5	<10	<2	6.5
REP 1077476	QC	1.16	8.1	0.5	<0.05	3.8	8.98	37.3	<0.02	2	1.5	24.2	<10	<2	
1077488	Silt	1.32	15.4	0.6	<0.05	1.4	7.69	30.1	0.03	<1	1.0	18.2	11	3	14.0
REP 1077488	QC	1.20	15.6	0.6	<0.05	1.3	7.64	29.2	0.02	<1	1.0	18.1	14	<2	
1077264 GS-1 STD	Silt	0.58	13.5	0.6	<0.05	0.9	6.77	35.1	<0.02	<1	0.3	26.7	<10	<2	8.5
REP 1077264 GS-1 STD	QC	0.57	13.6	0.5	<0.05	0.8	6.77	33.3	<0.02	<1	0.3	28.2	<10	<2	
1077272	Silt	0.07	17.3	0.5	<0.05	7.7	12.23	42.0	0.03	<1	1.4	7.7	<10	3	14.1
REP 1077272	QC	0.08	17.4	0.5	<0.05	7.1	13.16	41.8	0.02	<1	0.9	7.9	<10	3	
1077280	Silt	0.61	6.9	0.5	<0.05	5.2	7.38	22.4	<0.02	<1	0.8	8.0	<10	<2	6.7
REP 1077280	QC														6.5
1077288	Silt	0.39	8.9	0.7	<0.05	2.8	9.91	32.1	0.02	<1	0.7	6.8	<10	<2	7.8
REP 1077288	QC	0.40	9.4	0.7	<0.05	3.2	9.67	33.5	0.02	2	0.4	6.7	<10	<2	
1077292	Silt	0.48	10.1	0.5	<0.05	2.0	7.20	23.3	<0.02	<1	0.4	12.2	<10	<2	6.2
REP 1077292	QC														6.0
Reference Materials															
STD DOLOMITE-2	Standard														45.8
STD DOLOMITE-2	Standard														45.9
STD DOLOMITE-2	Standard														46.0
STD DS8	Standard	1.35	37.8	5.9	<0.05	2.2	5.66	26.6	1.94	51	5.0	24.5	118	341	
STD DS8	Standard	1.14	38.8	6.8	<0.05	1.9	5.46	25.7	2.17	50	5.2	25.7	115	321	
STD DS8	Standard	1.26	37.0	6.5	<0.05	2.2	6.08	27.5	2.21	54	5.7	26.2	110	337	
STD DOLOMITE-2 Expected															46
STD DS8 Expected		1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339	
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	

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.

APPENDIX VI

SOIL GEOCHEMICAL ANALYTICAL CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Andrea Langerud
Receiving Lab: Canada-Whitehorse
Received: July 25, 2011
Report Date: September 28, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11000727.2

CLIENT JOB INFORMATION

Project: 210700
Shipment ID: YTG_007
P.O. Number
Number of Samples: 220

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	209	Dry at 60C sieve 100g to -80 mesh		Completed	WHI
Dry at 60C	209	Dry at 60C			WHI
RJSV	209	Saving all or part of Soil Reject			WHI
1F06	220	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
2A05	218	Loss on Ignition at 1000 C		Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1F06 for Samples 1076784 & 1076786 included.

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

CC: Randy Farmer
Rupa Mukherjee

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

Method		WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	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
1076886	Soil		80.00	1415	0.56	11.29	11.41	93.8	30	10.7	13.7	1069	3.92	4.5	1.5	2.1	18.5	16.2	0.02	0.40	0.20
1076887	Soil		135.0	1430	0.82	20.54	11.11	65.0	87	21.3	13.0	772	3.17	8.4	4.4	2.6	10.4	27.9	0.02	0.41	0.18
1076888	Soil		95.00	1405	0.76	11.95	10.19	71.7	39	13.9	11.8	731	3.26	5.5	0.8	0.9	8.4	21.3	0.03	0.42	0.13
1076889	Soil		75.00	1580	0.81	11.71	12.22	74.4	56	13.8	12.5	952	3.64	9.1	1.3	1.5	12.1	17.6	0.08	0.54	0.18
1076890 GS-1 STD	Soil	N.A.		N.A.	0.67	24.38	8.26	54.3	40	26.8	12.3	430	2.75	4.2	1.3	0.7	6.6	83.5	0.05	0.19	0.21
1076891	Soil		105.0	1415	0.91	11.28	12.11	85.9	60	12.1	12.0	881	3.73	5.8	0.9	2.5	6.4	20.0	0.12	0.35	0.17
1076892	Soil		80.00	1510	0.68	13.85	9.92	76.1	54	16.1	11.6	760	3.48	6.3	1.4	1.6	10.2	19.9	<0.01	0.34	0.15
1076893	Soil		105.0	1450	1.32	11.94	10.66	73.0	49	12.6	9.6	473	3.68	7.1	1.0	0.9	5.8	19.3	0.05	0.33	0.20
1076894	Soil		115.0	1605	0.65	11.50	10.10	68.0	48	11.2	8.6	442	2.71	4.1	0.9	0.6	6.1	18.3	0.13	0.36	0.17
1076895	Soil		45.00	1160	0.98	16.32	13.79	88.7	130	20.0	13.3	927	3.77	7.4	1.1	0.9	10.5	30.5	0.11	0.50	0.20
1076896	Soil		115.0	1690	0.76	14.08	12.28	92.4	41	16.1	12.2	877	4.19	7.9	1.1	1.1	13.7	15.6	0.04	0.37	0.16
1076897	Soil		120.0	1375	0.87	18.85	13.81	75.4	88	23.5	11.8	560	3.64	14.1	2.0	1.6	10.9	22.5	0.19	0.65	0.27
1076898	Soil		95.00	1390	0.92	7.61	13.73	76.8	96	10.7	8.5	515	3.48	7.1	0.9	1.2	5.5	22.9	0.13	0.45	0.31
1076899	Soil		90.00	1280	2.36	12.01	27.32	71.8	88	18.0	8.0	280	2.43	49.0	0.5	1.5	4.0	15.7	0.32	1.34	0.16
1076900	Soil		65.00	1240	3.15	60.97	63.47	188.9	441	42.5	17.7	403	4.07	71.2	1.1	6.9	6.8	37.1	0.57	3.04	1.04
1076751	Soil		95.00	1140	1.81	52.71	41.45	127.4	209	40.8	16.7	309	3.36	56.3	1.2	6.6	8.3	37.1	0.19	3.02	0.89
1076752	Soil		95.00	1265	2.20	46.40	41.33	100.0	274	32.3	10.2	283	3.22	56.9	0.7	3.8	5.2	32.3	0.16	2.05	0.83
1076753	Soil		1105	1205	2.45	63.46	49.71	130.4	247	36.2	14.2	358	3.42	74.9	0.8	5.6	6.7	26.5	0.15	2.63	0.87
1076754	Soil		150.0	1420	2.42	42.21	34.65	146.4	107	41.1	16.4	567	3.43	48.2	0.6	14.3	4.1	40.9	0.57	1.98	0.61
1076755	Soil		45.00	1220	3.68	83.83	79.56	153.7	399	44.2	15.4	495	3.97	108.0	1.0	5.7	5.8	31.0	0.48	3.43	1.24
1076756	Soil		150.0	1135	1.92	78.44	57.97	151.3	487	55.5	19.0	496	3.91	82.7	1.0	14.3	7.4	32.7	0.24	2.94	0.82
1076757	Soil		40.00	1500	6.67	145.1	111.3	228.9	285	60.0	26.9	1034	4.95	173.6	1.1	12.5	7.6	33.9	0.75	7.09	1.90
1076758	Soil		360.0	975.0	1.84	49.66	52.63	136.0	267	40.1	14.8	607	3.35	65.3	0.9	8.9	5.7	29.1	0.23	2.76	0.89
1076759	Soil		155.0	1230	2.02	50.58	36.16	115.8	243	38.6	13.4	368	3.22	41.2	0.8	21.5	5.4	28.3	0.24	2.12	0.62
1076760	Soil		150.0	1465	2.63	65.82	56.93	170.7	607	49.5	17.7	584	3.72	67.5	1.3	20.5	7.4	31.1	0.31	3.01	1.00
1076761	Soil		405.0	1030	1.11	25.56	18.78	69.4	81	21.3	7.9	182	2.38	17.1	0.7	3.0	1.5	22.7	0.06	0.59	0.29
1076762	Soil		490.0	1095	1.08	30.47	20.44	74.8	129	22.9	8.9	242	2.57	22.3	0.8	7.3	1.7	25.4	0.23	0.74	0.30
1076763	Soil		35.00	1205	2.61	69.66	46.61	151.1	290	56.2	17.0	459	4.51	92.8	0.6	8.5	5.1	36.2	0.22	2.87	1.30
1076764	Soil		195.0	1445	1.77	53.67	28.93	101.1	186	67.4	23.5	396	4.02	38.8	0.5	3.7	4.7	25.8	0.16	1.31	0.71
1076765	Soil		135.0	1315	2.32	42.45	23.22	102.7	115	48.1	16.1	375	4.68	41.1	0.5	4.5	4.3	20.4	0.15	1.29	0.53

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	2	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
1076886	Soil		85	0.34	0.047	16.5	16.4	1.22	155.9	0.182	2	2.17	0.005	0.58	0.3	9.1	0.52	<0.02	21	0.2	<0.02	9.1
1076887	Soil		71	0.43	0.042	19.2	32.0	0.75	188.5	0.113	3	1.91	0.014	0.13	0.2	5.6	0.10	<0.02	35	0.3	0.02	6.3
1076888	Soil		71	0.27	0.020	8.6	23.1	0.82	178.6	0.109	<1	1.82	0.006	0.16	0.1	4.3	0.09	<0.02	18	0.2	<0.02	7.1
1076889	Soil		74	0.32	0.033	10.9	23.6	0.75	295.0	0.094	2	2.10	0.005	0.42	0.2	7.2	0.30	<0.02	15	0.1	<0.02	6.7
1076890 GS-1 STD	Soil		15	3.64	0.040	16.9	21.1	1.07	68.2	0.033	3	1.22	0.020	0.21	0.1	1.9	0.10	0.04	7	0.1	<0.02	3.4
1076891	Soil		76	0.30	0.043	13.1	20.2	0.89	257.4	0.062	1	2.12	0.006	0.14	0.1	5.2	0.11	<0.02	24	0.2	<0.02	8.4
1076892	Soil		77	0.35	0.036	24.2	26.4	0.89	165.7	0.144	1	2.31	0.008	0.13	0.2	6.0	0.13	<0.02	16	<0.1	<0.02	7.7
1076893	Soil		89	0.27	0.041	10.7	26.8	0.75	116.6	0.133	<1	2.21	0.006	0.09	0.2	4.4	0.11	<0.02	17	0.1	0.03	8.5
1076894	Soil		61	0.30	0.042	12.6	20.8	0.66	90.7	0.101	<1	1.55	0.008	0.07	0.2	3.3	0.08	<0.02	10	0.2	<0.02	6.1
1076895	Soil		81	0.42	0.030	17.8	35.4	0.75	206.6	0.120	2	2.45	0.006	0.19	0.1	6.6	0.12	<0.02	18	0.2	<0.02	7.9
1076896	Soil		91	0.19	0.039	15.5	28.7	0.89	214.2	0.145	<1	2.55	0.004	0.25	0.1	7.6	0.17	<0.02	11	0.2	<0.02	8.9
1076897	Soil		80	0.27	0.022	17.5	38.8	0.76	183.8	0.124	1	2.14	0.007	0.32	0.2	7.0	0.20	<0.02	16	<0.1	0.02	7.2
1076898	Soil		69	0.38	0.053	10.4	18.4	0.70	188.5	0.105	1	1.78	0.005	0.29	0.2	5.3	0.18	<0.02	8	0.1	0.06	8.6
1076899	Soil		47	0.19	0.034	15.1	27.3	0.35	266.0	0.028	2	1.05	0.004	0.11	0.1	2.2	0.10	<0.02	12	0.3	0.04	4.3
1076900	Soil		72	0.42	0.111	16.5	65.2	0.87	135.5	0.064	<1	1.84	0.006	0.28	0.2	4.8	0.29	0.02	26	0.3	0.09	5.6
1076751	Soil		56	0.25	0.061	21.3	55.1	0.79	134.5	0.046	<1	1.56	0.006	0.18	0.2	4.3	0.21	0.05	14	0.4	0.16	4.6
1076752	Soil		61	0.34	0.060	14.7	52.4	0.81	134.1	0.064	<1	1.65	0.007	0.19	0.2	3.5	0.18	0.03	12	0.3	0.12	5.4
1076753	Soil		62	0.30	0.067	13.6	60.7	0.86	98.8	0.052	<1	1.53	0.003	0.19	0.2	4.7	0.17	<0.02	17	0.3	0.05	4.7
1076754	Soil		71	0.57	0.061	11.4	58.7	0.96	116.4	0.079	<1	1.59	0.009	0.14	0.3	4.0	0.17	<0.02	13	0.5	0.06	5.6
1076755	Soil		74	0.47	0.051	17.5	63.8	0.87	110.8	0.078	<1	2.07	0.006	0.27	0.3	5.2	0.25	0.02	26	0.4	0.08	6.5
1076756	Soil		71	0.44	0.074	24.4	77.2	1.07	94.0	0.054	<1	1.64	0.005	0.18	0.2	6.9	0.16	<0.02	31	0.2	0.06	4.8
1076757	Soil		82	0.45	0.073	16.4	77.2	1.22	102.3	0.084	<1	2.14	0.007	0.24	0.2	6.0	0.34	0.02	15	0.4	0.20	6.3
1076758	Soil		59	0.38	0.067	16.7	59.9	0.92	99.6	0.043	<1	1.41	0.005	0.15	0.2	4.4	0.13	<0.02	14	0.4	0.07	4.6
1076759	Soil		60	0.34	0.061	16.8	52.1	0.85	144.4	0.057	<1	1.70	0.007	0.09	0.2	3.9	0.14	<0.02	18	0.4	0.08	5.2
1076760	Soil		64	0.42	0.093	22.1	59.7	0.98	155.0	0.042	<1	1.77	0.007	0.11	0.3	4.9	0.16	<0.02	23	0.4	0.15	5.1
1076761	Soil		54	0.24	0.053	11.7	36.4	0.55	134.4	0.056	<1	1.53	0.010	0.06	0.2	2.6	0.11	0.03	32	0.5	0.03	5.2
1076762	Soil		60	0.30	0.070	12.6	37.0	0.57	134.5	0.054	<1	1.51	0.011	0.06	0.2	2.7	0.10	0.03	33	0.4	0.03	4.8
1076763	Soil		88	0.34	0.050	11.2	78.6	1.17	210.3	0.081	<1	2.91	0.003	0.12	0.2	5.9	0.20	<0.02	19	0.4	0.16	8.0
1076764	Soil		85	0.26	0.041	9.1	83.6	1.12	213.8	0.067	<1	3.19	0.004	0.08	0.1	5.5	0.15	<0.02	19	0.2	0.07	7.4
1076765	Soil		90	0.14	0.041	8.3	72.5	0.97	185.7	0.072	<1	3.04	0.003	0.11	0.2	4.4	0.15	<0.02	49	0.3	0.06	8.7

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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
1076886	Soil	6.41	0.1	0.09	1.46	76.1	1.9	<0.05	3.2	10.78	62.7	0.06	2	0.9	41.9	<10	3	7.3
1076887	Soil	1.19	<0.1	0.11	1.33	17.0	1.2	<0.05	4.4	11.19	43.5	0.03	2	0.6	21.5	<10	<2	7.6
1076888	Soil	1.11	<0.1	0.05	1.45	20.9	1.1	<0.05	2.5	5.08	27.1	0.03	1	0.3	23.6	<10	<2	7.1
1076889	Soil	3.26	<0.1	0.06	1.52	47.9	1.3	<0.05	2.6	10.23	40.3	0.04	3	1.0	27.1	<10	<2	8.9
1076890 GS-1 STD	Soil	0.95	<0.1	0.02	0.63	14.3	0.6	<0.05	0.9	7.22	35.8	<0.02	2	0.2	27.5	<10	<2	8.8
1076891	Soil	1.73	<0.1	0.05	1.23	19.2	1.2	<0.05	1.2	8.39	26.3	0.03	1	0.5	32.5	<10	<2	10.4
1076892	Soil	1.93	<0.1	0.13	1.37	23.1	1.5	<0.05	4.9	11.88	36.7	0.03	2	0.6	30.9	<10	<2	8.3
1076893	Soil	1.45	<0.1	0.10	1.55	18.1	1.5	<0.05	3.9	7.43	20.5	<0.02	1	<0.1	23.8	<10	<2	9.1
1076894	Soil	1.27	<0.1	0.06	1.42	12.1	1.4	<0.05	2.1	6.47	23.9	0.02	<1	0.1	20.1	<10	<2	7.9
1076895	Soil	1.26	<0.1	0.14	1.20	17.9	1.3	<0.05	6.0	8.57	41.0	0.03	2	0.6	17.3	<10	<2	9.3
1076896	Soil	1.72	<0.1	0.09	1.13	31.8	1.7	<0.05	4.1	10.11	41.0	0.04	<1	0.5	25.9	<10	<2	7.7
1076897	Soil	1.92	<0.1	0.18	0.81	37.2	1.3	<0.05	6.6	8.18	53.1	0.04	<1	0.8	19.3	12	<2	6.6
1076898	Soil	2.46	<0.1	0.06	2.24	39.1	2.0	<0.05	1.8	7.91	22.1	<0.02	<1	0.4	21.9	10	<2	8.9
1076899	Soil	1.36	<0.1	<0.02	0.74	14.8	0.7	<0.05	0.7	3.76	28.3	<0.02	<1	0.4	9.4	<10	<2	7.8
1076900	Soil	4.08	<0.1	0.05	0.54	30.9	0.9	<0.05	2.4	5.77	41.9	0.04	<1	0.9	15.8	11	<2	7.9
1076751	Soil	3.22	<0.1	0.09	0.32	16.5	0.6	<0.05	3.9	6.52	44.7	0.04	<1	1.6	15.2	<10	4	6.4
1076752	Soil	2.95	<0.1	0.05	0.58	17.0	0.9	<0.05	2.8	4.38	28.5	<0.02	2	0.5	16.4	<10	<2	6.8
1076753	Soil	3.59	<0.1	0.07	0.28	18.5	0.5	<0.05	3.8	6.03	30.1	0.04	2	0.8	14.3	11	<2	6.0
1076754	Soil	3.68	<0.1	0.05	0.90	19.5	0.6	<0.05	2.7	4.96	23.3	0.02	<1	0.5	15.4	13	<2	9.8
1076755	Soil	4.79	<0.1	0.06	1.34	35.6	0.9	<0.05	2.5	8.09	45.1	0.04	1	0.9	19.2	<10	<2	11.8
1076756	Soil	3.49	<0.1	0.15	0.25	16.6	0.7	<0.05	6.0	11.91	43.5	0.03	1	1.1	14.7	<10	3	7.1
1076757	Soil	8.59	<0.1	0.04	1.10	30.9	0.8	<0.05	2.9	8.48	51.0	0.05	<1	1.7	20.7	11	<2	11.6
1076758	Soil	2.43	<0.1	0.03	0.39	14.0	0.4	<0.05	2.0	7.71	35.0	0.02	2	0.8	12.8	<10	<2	7.1
1076759	Soil	2.64	<0.1	0.12	0.43	11.8	0.6	<0.05	4.4	6.03	33.7	0.03	<1	0.6	15.7	<10	<2	6.5
1076760	Soil	3.98	<0.1	0.05	0.48	13.9	0.5	<0.05	2.4	9.40	44.0	0.04	<1	0.6	17.0	<10	<2	8.0
1076761	Soil	1.56	<0.1	0.02	0.98	7.7	0.4	<0.05	1.0	5.45	24.1	0.02	<1	<0.1	11.1	<10	<2	13.1
1076762	Soil	1.55	<0.1	0.03	1.04	9.1	0.4	<0.05	1.3	5.87	25.8	0.02	<1	0.5	10.7	<10	<2	15.5
1076763	Soil	4.40	<0.1	0.07	0.63	20.8	1.1	<0.05	3.2	3.61	23.3	0.05	<1	0.8	18.2	<10	<2	10.0
1076764	Soil	3.53	<0.1	0.21	0.66	12.1	0.6	<0.05	6.4	3.50	19.7	0.03	<1	0.8	18.6	<10	<2	10.3
1076765	Soil	3.87	<0.1	0.12	0.77	17.4	0.8	<0.05	5.4	2.52	18.3	0.04	<1	0.3	25.4	<10	<2	9.9

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

	Method	WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	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
1076766	Soil		185.0	1260	1.03	8.17	7.25	53.8	29	13.1	10.4	252	3.34	7.4	0.4	0.2	2.0	33.8	0.03	0.19	0.09
1076767	Soil		125.0	1305	0.98	27.05	8.27	51.8	83	26.9	15.2	298	3.69	10.8	0.5	1.3	2.1	30.8	0.03	0.36	0.12
1076768	Soil		75.00	1200	1.03	66.66	7.56	48.2	41	33.2	27.5	531	5.05	4.8	0.7	1.4	1.7	36.1	0.01	0.09	<0.02
1076769	Soil		105.0	1225	0.87	23.61	6.57	59.9	79	33.4	21.9	381	3.59	9.2	0.5	0.8	2.0	39.8	0.11	0.21	0.08
1076770 GS-1 STD	Soil	N.A.		N.A.	0.65	21.35	7.19	52.7	38	27.2	12.6	428	2.85	3.9	1.3	13.9	6.8	80.1	<0.01	0.09	0.14
1076771	Soil		310.0	1710	3.65	13.70	16.63	38.2	144	5.5	3.1	89	1.61	19.6	5.2	2.7	6.4	26.9	0.10	1.04	1.00
1076772	Soil		210.0	1185	12.90	13.40	17.92	64.4	74	11.7	15.7	1034	3.42	17.6	1.4	1.9	7.5	17.9	0.14	0.52	1.97
1076773	Soil		350.0	1500	4.28	12.43	18.10	52.6	55	15.3	7.5	329	2.96	12.4	1.1	3.3	13.9	18.7	0.18	0.90	0.52
1076774	Soil		300.0	1635	1.80	29.23	19.98	79.5	102	26.7	10.0	241	2.94	11.9	2.6	5.5	17.3	31.5	0.33	1.86	0.56
1076775	Soil		220.0	1480	4.26	44.66	32.90	113.1	98	39.6	14.1	565	4.86	61.4	0.7	2.8	4.7	25.2	0.15	2.10	1.11
1076776	Soil		595.0	1350	0.82	37.03	57.52	108.2	922	27.8	9.0	295	2.38	26.2	2.0	10.7	5.5	40.0	0.53	2.53	0.67
1076777	Soil		90.00	1550	4.63	73.27	104.2	320.8	152	55.2	21.2	1042	5.74	187.6	1.2	4.7	6.8	26.4	0.61	6.40	1.72
1076778	Soil		490.0	1905	1.45	51.33	52.52	143.3	1198	40.1	17.4	636	2.80	33.9	2.6	11.0	7.9	47.5	0.73	1.95	0.62
1076779	Soil		415.0	1320	0.96	33.05	13.50	77.8	140	90.4	16.5	227	3.29	14.6	1.2	1.7	5.0	41.4	0.17	1.01	0.29
1076780	Soil		110.0	1745	0.41	42.33	3.57	61.1	51	262.3	30.4	530	3.28	4.6	1.1	0.7	3.6	82.3	0.09	0.13	0.08
1076781	Soil		265.0	1595	0.58	43.83	2.83	63.9	51	169.1	25.0	343	3.32	3.6	1.1	0.7	3.9	58.9	0.07	0.07	0.04
1076782	Soil		420.0	1765	0.58	41.34	2.96	68.9	45	202.0	27.5	339	3.34	3.3	1.1	<0.2	3.8	60.0	0.09	0.06	0.04
1076783	Soil		405.0	1440	0.63	43.27	4.06	62.5	81	153.1	22.6	336	3.38	2.4	1.9	<0.2	4.2	69.3	0.05	0.05	0.04
1076784	Soil		205.0	1610	0.74	40.61	5.51	56.2	70	109.7	20.8	315	3.69	3.8	1.2	0.5	3.1	64.5	0.06	0.11	0.11
1076785	Soil		90.00	2070	0.44	44.56	2.62	68.1	36	186.6	27.0	427	3.79	2.3	1.0	0.2	3.7	75.7	0.05	0.10	0.04
1076786	Soil		125.0	1265	0.83	28.88	5.76	51.2	65	123.9	22.0	270	3.56	4.9	0.6	<0.2	3.3	34.3	0.08	0.17	0.12
1076787	Soil		110.0	1925	0.43	43.01	4.58	61.2	69	179.1	24.4	433	3.60	4.3	1.1	0.3	4.5	101.1	0.04	0.08	0.06
1076788	Soil		420.0	1425	0.52	39.61	4.12	57.9	59	177.3	23.6	285	3.32	5.5	0.8	2.0	2.1	99.3	0.06	0.13	0.08
1076789	Soil		230.0	1425	0.92	19.90	4.87	64.3	59	34.9	15.3	238	3.33	8.3	1.2	<0.2	1.8	103.4	0.10	0.12	0.08
1076790 GS-1 STD	Soil	N.A.		N.A.	0.71	22.43	9.55	57.2	38	26.5	11.9	434	2.80	5.0	1.5	4.6	8.0	90.3	0.06	0.23	0.25
1076791	Soil		245.0	1330	1.32	46.47	7.43	45.8	101	63.9	13.7	221	3.56	9.9	1.0	1.3	3.3	56.9	0.14	0.27	0.14
1076792	Soil		310.0	1190	0.91	59.99	9.17	63.7	423	90.1	19.3	359	4.03	11.4	0.9	0.4	3.7	50.0	0.07	0.33	0.17
1076793	Soil		295.0	1305	0.90	60.67	8.62	67.8	231	103.1	19.6	394	3.88	12.2	0.9	2.0	2.9	52.3	0.14	0.35	0.14
1076794	Soil		180.0	1515	1.28	72.68	9.01	64.6	82	68.2	18.0	250	4.07	10.0	1.1	5.2	4.1	46.8	0.11	0.30	0.13
1076795	Soil		375.0	1450	1.54	31.31	11.16	60.2	187	37.0	13.0	318	4.01	11.2	0.9	1.5	4.4	17.4	0.27	0.58	0.20

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	2	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
1076766	Soil		73	0.30	0.018	7.0	24.9	0.43	208.4	0.021	<1	2.09	0.009	0.11	<0.1	3.7	0.06	<0.02	11	0.2	<0.02	5.3
1076767	Soil		92	0.29	0.025	7.2	103.6	0.76	188.8	0.047	<1	2.78	0.003	0.08	0.1	5.5	0.09	<0.02	24	0.2	0.04	7.4
1076768	Soil		142	0.57	0.039	6.4	276.8	1.03	549.7	0.009	<1	3.44	0.001	0.14	<0.1	15.5	0.04	<0.02	9	0.3	0.02	7.1
1076769	Soil		91	0.39	0.060	8.6	146.7	1.80	327.7	0.058	<1	3.62	0.006	0.10	<0.1	7.7	0.09	<0.02	15	0.3	0.04	9.0
1076770	GS-1 STD	Soil	16	3.74	0.039	20.8	24.1	1.11	73.4	0.036	<1	1.27	0.022	0.22	0.1	2.2	0.10	0.04	16	0.2	<0.02	3.5
1076771	Soil		32	0.28	0.035	12.7	13.0	0.20	242.4	0.011	2	1.20	0.006	0.18	0.4	3.6	0.24	0.02	515	0.7	0.05	3.9
1076772	Soil		59	0.18	0.040	21.0	22.8	0.45	130.2	0.040	2	1.67	0.004	0.16	0.9	2.8	0.35	<0.02	54	0.5	0.04	6.8
1076773	Soil		59	0.14	0.022	17.5	30.6	0.33	169.8	0.059	2	2.21	0.003	0.07	0.1	3.4	0.20	<0.02	52	0.4	0.05	7.0
1076774	Soil		52	0.33	0.064	27.2	43.3	0.61	200.9	0.062	1	1.60	0.011	0.11	0.3	6.8	0.21	<0.02	122	0.6	0.05	5.0
1076775	Soil		105	0.18	0.042	10.3	65.7	0.82	123.3	0.104	2	2.51	0.004	0.09	0.2	4.5	0.17	<0.02	20	0.5	0.07	9.9
1076776	Soil		57	0.40	0.067	24.1	51.3	0.62	206.4	0.054	1	1.86	0.009	0.08	0.1	5.9	0.18	0.03	128	0.7	0.07	5.6
1076777	Soil		101	0.21	0.110	14.2	79.7	1.17	137.6	0.090	<1	2.96	0.002	0.20	0.3	5.0	0.36	0.02	24	0.9	0.16	9.8
1076778	Soil		61	0.55	0.092	25.7	61.9	0.96	185.4	0.083	2	2.12	0.013	0.11	0.1	7.3	0.18	0.02	112	0.8	0.06	6.3
1076779	Soil		73	0.56	0.098	17.3	101.3	1.62	197.9	0.052	<1	1.91	0.017	0.08	0.2	6.5	0.10	<0.02	61	0.5	0.03	5.7
1076780	Soil		63	0.70	0.134	14.4	122.2	3.85	113.7	0.072	1	1.65	0.022	0.04	0.1	4.0	0.02	<0.02	18	0.3	<0.02	4.8
1076781	Soil		72	0.77	0.137	16.1	168.2	3.14	77.8	0.051	<1	1.42	0.019	0.03	<0.1	4.4	<0.02	<0.02	19	0.4	<0.02	4.2
1076782	Soil		66	0.76	0.130	14.4	190.9	3.56	68.2	0.051	1	1.51	0.018	0.03	<0.1	4.9	<0.02	<0.02	15	0.4	<0.02	4.6
1076783	Soil		66	0.67	0.145	18.3	147.5	3.13	62.6	0.052	<1	1.41	0.021	0.04	<0.1	5.4	<0.02	<0.02	9	0.4	<0.02	4.5
1076784	Soil		78	0.58	0.067	13.6	101.2	2.48	73.5	0.056	<1	1.76	0.016	0.03	<0.1	4.2	0.02	<0.02	14	<0.1	<0.02	5.6
1076785	Soil		69	0.65	0.107	14.3	148.8	3.41	74.3	0.051	<1	1.76	0.019	0.02	<0.1	3.8	<0.02	<0.02	15	0.3	<0.02	5.1
1076786	Soil		69	0.46	0.027	9.7	121.2	2.42	99.0	0.055	<1	2.31	0.012	0.02	<0.1	4.2	0.04	<0.02	11	0.2	<0.02	6.3
1076787	Soil		70	0.66	0.117	13.9	139.3	3.36	82.1	0.057	<1	1.58	0.025	0.03	<0.1	4.2	<0.02	<0.02	17	0.3	<0.02	4.7
1076788	Soil		73	0.86	0.112	12.2	104.2	3.52	122.2	0.036	<1	1.75	0.018	0.04	<0.1	4.5	<0.02	<0.02	18	0.5	<0.02	5.3
1076789	Soil		76	1.44	0.114	14.3	155.7	1.92	595.1	0.006	1	2.48	0.006	0.12	<0.1	8.9	0.05	0.04	43	0.5	0.03	7.1
1076790	GS-1 STD	Soil	13	3.97	0.046	19.2	21.2	1.08	76.0	0.031	1	1.27	0.018	0.21	<0.1	2.0	0.11	0.03	<5	0.5	0.05	3.4
1076791	Soil		91	0.45	0.076	11.3	67.4	1.68	77.5	0.068	1	1.85	0.007	0.04	0.2	3.2	0.04	<0.02	16	0.5	0.04	7.3
1076792	Soil		79	0.40	0.061	10.4	84.9	2.04	107.7	0.075	<1	2.60	0.005	0.05	0.2	3.6	0.07	<0.02	24	0.4	<0.02	8.0
1076793	Soil		78	0.42	0.086	11.6	98.1	2.01	102.4	0.101	1	2.61	0.005	0.06	0.4	3.6	0.06	<0.02	21	0.4	<0.02	7.2
1076794	Soil		99	0.36	0.101	11.3	76.7	1.90	88.3	0.071	1	2.19	0.006	0.06	0.1	3.6	0.03	<0.02	28	0.4	0.04	8.5
1076795	Soil		81	0.16	0.087	11.6	55.4	0.80	115.1	0.072	<1	2.89	0.004	0.07	0.2	3.6	0.09	<0.02	22	0.6	<0.02	7.4

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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
1076766	Soil	3.47	<0.1	0.04	0.69	13.0	0.9	<0.05	2.1	2.53	15.0	<0.02	<1	0.3	17.9	<10	<2	8.1
1076767	Soil	1.87	<0.1	0.07	0.82	9.9	0.8	<0.05	3.4	2.60	16.0	0.02	<1	0.5	18.1	<10	<2	10.0
1076768	Soil	1.81	<0.1	0.09	0.30	15.3	1.1	<0.05	3.2	4.73	15.7	0.03	<1	0.7	11.3	<10	<2	13.4
1076769	Soil	1.16	<0.1	0.04	0.82	12.3	0.9	<0.05	2.0	3.72	18.0	0.03	<1	0.6	20.2	<10	<2	11.9
1076770 GS-1 STD	Soil	1.02	<0.1	0.03	0.65	14.6	0.6	<0.05	0.8	7.17	40.9	<0.02	2	0.3	29.7	<10	<2	8.8
1076771	Soil	3.43	<0.1	0.05	0.69	16.6	0.9	<0.05	2.6	12.23	24.9	0.02	<1	0.8	4.7	<10	<2	12.0
1076772	Soil	3.59	<0.1	0.04	1.06	18.9	0.9	<0.05	1.4	7.83	43.7	0.03	<1	0.4	10.9	<10	<2	10.2
1076773	Soil	2.06	<0.1	0.15	0.99	12.3	1.0	<0.05	5.8	6.16	36.5	0.04	<1	0.7	12.3	<10	<2	7.8
1076774	Soil	2.10	<0.1	0.29	0.81	13.0	0.9	<0.05	12.0	17.16	57.2	0.04	<1	0.7	12.1	<10	<2	7.0
1076775	Soil	4.41	<0.1	0.12	1.10	15.0	1.0	<0.05	4.5	3.78	21.4	0.05	<1	0.6	16.4	<10	<2	10.7
1076776	Soil	2.72	<0.1	0.07	1.22	13.1	0.8	<0.05	2.6	13.06	45.7	0.04	<1	0.9	13.4	<10	<2	17.1
1076777	Soil	8.67	<0.1	0.06	1.28	29.2	1.3	<0.05	2.6	6.10	32.2	0.06	<1	0.9	29.1	29	<2	12.3
1076778	Soil	3.24	<0.1	0.13	1.45	15.1	0.8	<0.05	6.5	12.10	50.0	0.04	<1	0.9	19.9	<10	<2	13.7
1076779	Soil	1.25	<0.1	0.08	0.84	9.4	0.9	<0.05	4.0	9.94	37.6	0.04	<1	0.5	13.1	<10	<2	12.7
1076780	Soil	1.20	<0.1	0.15	0.74	4.6	0.6	<0.05	7.8	7.82	30.9	<0.02	<1	0.6	12.9	<10	<2	14.6
1076781	Soil	1.08	<0.1	0.11	0.42	2.7	0.8	<0.05	5.7	7.94	35.1	0.02	<1	0.5	8.9	<10	<2	11.4
1076782	Soil	1.19	<0.1	0.09	0.37	2.9	0.8	<0.05	5.7	6.91	31.9	<0.02	<1	0.5	9.9	<10	<2	12.0
1076783	Soil	1.36	<0.1	0.07	0.47	5.2	1.3	<0.05	6.1	10.96	37.8	0.02	<1	0.5	9.0	<10	<2	12.0
1076784	Soil	1.38	<0.1	0.07	0.36	4.8	1.2	<0.05	3.9	7.79	29.3	<0.02	5	0.5	11.5	<10	<2	11.7
1076785	Soil	0.97	0.1	0.07	0.19	2.4	0.9	<0.05	4.8	6.36	31.1	<0.02	<1	0.6	8.4	11	<2	10.4
1076786	Soil	0.91	<0.1	0.16	0.35	2.3	1.4	<0.05	6.4	3.55	26.1	0.03	<1	0.7	11.3	<10	<2	11.3
1076787	Soil	1.05	0.1	0.08	0.34	4.1	1.0	<0.05	5.7	6.54	31.3	0.02	<1	0.6	9.5	<10	<2	10.4
1076788	Soil	0.94	<0.1	0.05	0.48	4.6	0.6	<0.05	2.5	6.37	27.1	<0.02	<1	0.3	9.3	<10	<2	15.0
1076789	Soil	0.61	<0.1	0.08	0.30	9.0	0.9	<0.05	1.9	11.57	26.4	0.04	<1	0.6	15.2	<10	<2	24.6
1076790 GS-1 STD	Soil	1.08	<0.1	0.03	0.66	14.8	0.7	<0.05	1.0	7.64	39.1	<0.02	<1	0.2	30.6	<10	<2	8.6
1076791	Soil	9.12	<0.1	0.05	0.96	5.6	1.0	<0.05	3.4	3.95	22.2	0.04	<1	1.0	29.0	<10	<2	10.0
1076792	Soil	8.67	<0.1	0.07	1.03	6.5	0.8	<0.05	4.9	3.78	23.8	0.04	<1	1.8	27.5	<10	<2	11.2
1076793	Soil	9.66	<0.1	0.08	1.77	7.7	0.8	<0.05	3.5	4.75	24.3	0.03	<1	2.0	29.6	<10	<2	11.8
1076794	Soil	11.66	<0.1	0.06	0.73	8.5	0.9	<0.05	3.8	4.30	23.9	0.02	<1	1.3	29.1	<10	<2	9.2
1076795	Soil	5.19	<0.1	0.09	1.47	11.0	0.8	<0.05	5.3	4.20	24.7	0.03	<1	1.2	23.6	<10	<2	11.1

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

Method		WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	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
1076796	Soil		270.0	1290	1.48	51.84	9.28	64.9	135	62.1	16.9	403	4.29	13.7	1.2	0.3	5.3	26.5	0.23	0.55	0.20
1076797	Soil		580.0	1985	1.01	58.49	4.00	48.9	89	74.5	15.0	201	2.92	3.7	1.6	0.9	6.1	46.8	0.06	0.17	0.06
1076798	Soil		95.00	1320	0.91	64.57	20.18	63.8	96	145.6	25.9	251	4.20	11.1	1.9	1.4	4.0	28.7	0.10	0.47	0.83
1076799	Soil		55.00	1335	1.44	70.16	12.77	90.9	194	199.4	34.4	431	3.72	12.2	1.1	0.8	3.0	33.0	0.07	0.32	0.21
1076800	Soil		330.0	1145	1.57	22.82	11.33	56.4	83	27.0	11.0	347	4.02	10.7	1.0	2.4	4.1	18.6	0.13	0.51	0.23
1077201	Soil		155.0	1110	1.30	15.02	17.44	50.7	48	22.1	8.8	232	2.54	13.1	0.8	1.8	7.1	22.8	0.11	0.83	0.23
1077202	Soil		95.00	1395	1.77	17.76	21.30	60.0	110	26.6	12.7	468	3.00	13.1	1.1	2.8	8.6	27.4	0.16	1.02	0.28
1077203	Soil		255.0	1380	2.49	12.84	27.16	52.3	35	15.9	6.6	284	2.51	16.5	3.1	0.8	10.4	19.9	0.17	1.19	0.26
1077204	Soil		260.0	1430	1.00	25.77	21.29	63.1	193	21.3	8.9	355	2.34	16.9	1.4	6.0	4.3	121.3	0.20	0.90	0.43
1077205	Soil		155.0	1430	2.12	10.54	12.53	43.1	45	13.3	7.3	286	2.20	11.3	0.6	0.9	6.0	19.2	0.06	0.73	0.56
1077206	Soil		135.0	1375	1.42	20.69	17.68	47.4	162	22.6	8.6	288	2.56	17.4	0.8	3.2	6.3	30.7	1.20	0.78	0.40
1077207	Soil		80.00	1180	2.72	30.23	33.55	77.4	716	28.8	9.9	275	3.70	30.6	0.5	3.0	3.6	46.0	0.25	1.14	0.58
1077208	Soil		105.0	1355	1.43	13.64	20.93	67.8	96	20.1	11.5	440	2.99	20.8	0.8	<0.2	4.6	42.2	0.18	0.69	0.38
1077209	Soil		55.00	1370	2.68	52.41	47.36	116.5	293	40.5	16.9	415	4.09	62.2	0.8	12.4	7.1	37.6	0.39	2.19	1.06
1077210 GS-1 STD	Soil	N.A.		N.A.	0.70	22.41	9.72	55.5	33	28.4	11.5	449	2.82	5.0	1.6	<0.2	8.1	86.7	0.07	0.18	0.25
1077211	Soil		30.00	1400	3.08	88.74	54.53	133.9	2060	63.5	16.1	440	4.37	79.9	1.3	9.1	7.1	44.7	0.35	2.38	1.13
1077212	Soil		85.00	1315	1.78	50.59	46.83	96.5	629	55.2	12.7	364	3.64	44.0	0.9	2.4	5.8	32.4	0.18	1.28	0.72
1077213	Soil		140.0	1335	1.89	57.28	37.52	78.2	399	41.1	11.0	297	3.26	30.5	0.8	2.9	5.8	26.8	0.15	1.21	0.54
1077214	Soil		65.00	1335	1.91	14.93	12.56	66.9	20	12.0	7.1	395	2.84	17.4	2.2	1.2	11.9	10.5	0.13	0.37	0.26
1077215	Soil		100.00	1160	1.44	17.70	25.42	50.7	40	16.2	8.5	467	2.56	11.8	1.6	3.9	5.6	22.5	0.17	0.47	0.27
1077216	Soil		240.0	1280	1.04	7.82	12.63	46.0	64	11.1	7.0	337	2.39	14.8	0.5	2.7	3.9	15.2	0.07	0.53	0.44
1077217	Soil		55.00	1205	1.37	10.25	15.27	70.5	40	11.9	9.4	526	3.69	25.3	0.5	0.8	8.2	12.9	0.16	0.79	0.35
1077218	Soil		265.0	1325	1.19	11.16	14.54	89.4	44	15.5	10.9	602	3.75	14.4	0.8	0.5	7.8	13.8	0.17	0.58	0.28
1077219	Soil		385.0	1235	0.74	4.40	12.97	38.1	6	8.4	5.7	175	2.09	6.7	0.6	1.9	3.3	41.1	0.03	0.26	0.18
1077220	Soil		120.0	1330	0.48	11.61	10.95	41.4	80	10.8	7.2	330	2.24	5.6	0.9	1.4	4.4	134.1	0.09	0.35	0.10
1077221	Soil		95.00	1355	1.86	19.85	12.02	47.4	44	23.2	16.8	380	3.14	28.0	1.0	0.7	3.8	55.7	0.06	0.16	0.19
1077222	Soil		85.00	1235	1.14	17.39	10.00	38.3	46	21.8	14.5	334	2.63	19.3	0.9	0.7	2.6	44.6	0.06	0.12	0.12
1077223	Soil		95.00	1255	0.67	17.97	9.97	49.1	67	22.2	24.5	737	3.84	12.6	1.0	1.4	2.5	70.4	0.12	0.22	0.09
1077224	Soil		160.0	1285	0.81	18.63	7.10	47.0	26	23.6	14.0	354	3.27	6.7	0.5	1.7	3.1	32.8	0.24	0.27	0.11
1077225	Soil		135.0	1410	1.55	44.19	65.50	148.5	436	43.4	14.7	542	3.55	78.0	0.9	3.0	6.6	31.2	0.37	2.47	0.73

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	2	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
1076796	Soil		92	0.30	0.129	13.7	85.0	1.39	123.9	0.090	<1	2.82	0.005	0.06	0.2	4.2	0.08	<0.02	26	0.7	0.03	8.2
1076797	Soil		92	0.65	0.210	19.7	59.4	1.67	69.0	0.050	<1	1.32	0.012	0.06	0.1	2.0	0.04	<0.02	6	0.5	<0.02	5.0
1076798	Soil		116	0.41	0.138	12.1	228.2	2.74	80.7	0.182	1	2.71	0.013	0.08	0.6	5.7	0.04	<0.02	17	0.3	<0.02	10.8
1076799	Soil		114	0.48	0.178	12.3	714.1	4.65	59.7	0.053	<1	3.57	0.001	0.03	0.6	7.1	0.03	<0.02	34	0.5	<0.02	18.8
1076800	Soil		94	0.14	0.067	10.6	48.5	0.58	139.1	0.097	<1	2.72	0.003	0.05	0.3	3.1	0.08	<0.02	27	0.6	0.05	8.2
1077201	Soil		53	0.20	0.013	9.8	38.1	0.52	209.0	0.056	<1	1.55	0.005	0.14	0.1	3.1	0.08	<0.02	19	0.4	0.03	4.4
1077202	Soil		61	0.26	0.018	13.6	46.2	0.54	322.0	0.073	<1	1.91	0.005	0.20	0.2	4.6	0.10	<0.02	40	0.4	<0.02	5.6
1077203	Soil		42	0.14	0.012	10.6	28.5	0.38	273.9	0.022	<1	1.50	0.005	0.12	0.2	2.7	0.13	<0.02	52	0.3	<0.02	4.1
1077204	Soil		48	1.27	0.095	12.9	46.1	0.54	436.5	0.011	2	1.07	0.010	0.14	0.2	6.7	0.12	0.04	40	0.6	<0.02	3.2
1077205	Soil		41	0.14	0.014	8.6	23.9	0.41	201.0	0.042	<1	1.19	0.005	0.14	0.2	3.0	0.08	<0.02	14	0.4	0.08	3.7
1077206	Soil		62	0.31	0.012	13.8	35.7	0.48	192.9	0.059	<1	1.42	0.011	0.12	0.1	3.0	0.08	0.05	22	<0.1	0.05	3.7
1077207	Soil		83	0.35	0.017	7.5	48.4	0.74	307.0	0.047	<1	2.23	0.007	0.13	0.2	2.9	0.14	<0.02	16	<0.1	0.10	5.9
1077208	Soil		70	0.36	0.018	10.5	42.4	0.44	221.7	0.052	<1	1.59	0.009	0.21	0.2	4.2	0.10	<0.02	<5	<0.1	0.03	4.7
1077209	Soil		87	0.28	0.021	10.7	63.9	0.98	176.3	0.089	<1	2.27	0.008	0.25	0.2	4.6	0.21	<0.02	<5	<0.1	0.04	6.7
1077210	GS-1 STD	Soil	18	4.54	0.043	19.5	22.6	1.10	75.0	0.033	1	1.20	0.020	0.21	0.1	1.8	0.11	0.03	<5	<0.1	0.02	3.5
1077211	Soil		88	0.44	0.045	26.9	82.5	1.22	204.4	0.068	<1	2.55	0.009	0.17	0.2	6.4	0.26	<0.02	37	0.1	<0.02	7.0
1077212	Soil		79	0.35	0.034	16.6	66.0	1.20	179.1	0.075	<1	2.43	0.008	0.09	0.1	4.8	0.17	<0.02	30	0.3	0.07	6.2
1077213	Soil		74	0.24	0.021	18.7	55.4	0.83	205.8	0.059	<1	2.13	0.006	0.08	0.1	3.6	0.13	<0.02	16	0.2	0.03	5.8
1077214	Soil		40	0.10	0.031	3.5	12.7	0.27	176.5	0.011	<1	2.18	0.006	0.22	0.2	5.4	0.26	<0.02	8	0.1	<0.02	5.0
1077215	Soil		57	0.24	0.037	16.9	29.4	0.34	263.3	0.040	<1	1.95	0.006	0.09	0.2	3.0	0.10	<0.02	21	<0.1	<0.02	5.0
1077216	Soil		49	0.18	0.024	8.8	23.9	0.34	131.4	0.046	<1	1.20	0.006	0.09	0.1	2.1	0.08	0.05	<5	<0.1	<0.02	4.6
1077217	Soil		64	0.10	0.030	7.9	27.4	0.58	191.5	0.084	<1	2.33	0.008	0.37	0.2	5.3	0.43	0.02	32	<0.1	0.23	8.4
1077218	Soil		71	0.10	0.027	11.5	32.4	0.63	248.9	0.119	2	2.58	0.007	0.34	0.2	7.3	0.44	0.02	<5	0.2	0.12	9.5
1077219	Soil		44	0.29	0.042	9.1	18.7	0.31	164.9	0.034	<1	0.88	0.006	0.08	<0.1	2.0	0.06	<0.02	17	<0.1	<0.02	3.3
1077220	Soil		53	0.76	0.079	8.7	31.8	0.27	439.0	0.004	3	1.05	0.010	0.16	0.3	11.0	0.08	0.02	22	<0.1	<0.02	2.6
1077221	Soil		63	0.53	0.073	9.5	35.3	0.28	844.4	0.005	<1	1.36	0.007	0.12	<0.1	6.5	0.11	<0.02	24	0.1	0.03	3.5
1077222	Soil		54	0.40	0.065	7.9	33.6	0.20	690.0	0.003	<1	1.06	0.006	0.10	<0.1	5.0	0.08	<0.02	17	0.2	<0.02	2.7
1077223	Soil		91	0.75	0.066	14.9	110.7	0.49	656.8	0.023	2	1.61	0.015	0.13	<0.1	22.4	0.06	<0.02	30	0.3	<0.02	4.0
1077224	Soil		84	0.34	0.017	11.2	129.9	0.74	233.6	0.045	2	2.31	0.006	0.07	<0.1	8.7	0.05	<0.02	16	0.2	<0.02	5.5
1077225	Soil		69	0.41	0.058	13.4	58.5	0.80	137.2	0.058	2	1.76	0.007	0.14	0.2	5.5	0.15	<0.02	20	0.2	0.06	4.8

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
		Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
		MDL	0.02	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
1076796	Soil		7.72	<0.1	0.11	1.35	10.7	1.2	<0.05	5.6	5.42	29.9	0.04	1	1.6	23.8	<10	<2	11.3
1076797	Soil		3.35	<0.1	0.06	0.51	7.0	0.6	<0.05	3.5	7.90	42.1	<0.02	<1	0.8	20.5	<10	<2	6.5
1076798	Soil		3.52	<0.1	0.27	1.63	11.7	2.1	<0.05	11.2	3.34	23.9	0.03	<1	1.6	33.8	<10	<2	9.3
1076799	Soil		3.62	<0.1	0.08	0.71	6.5	1.2	<0.05	3.8	4.02	24.6	0.04	<1	2.9	53.6	<10	<2	12.1
1076800	Soil		2.65	<0.1	0.10	1.47	11.9	1.0	<0.05	4.8	3.69	22.0	0.03	<1	0.8	15.9	<10	<2	10.6
1077201	Soil		0.70	<0.1	0.16	0.54	11.1	0.8	<0.05	5.4	3.38	22.8	0.03	<1	0.6	10.0	<10	<2	5.0
1077202	Soil		0.82	<0.1	0.17	0.68	12.6	1.5	<0.05	7.2	5.38	31.5	0.03	<1	0.6	9.9	<10	<2	6.4
1077203	Soil		1.67	<0.1	0.10	0.55	13.7	0.9	<0.05	3.7	6.42	22.3	0.02	<1	0.9	9.7	<10	<2	5.8
1077204	Soil		2.85	<0.1	0.08	0.75	13.0	0.7	<0.05	3.0	11.23	24.6	0.02	<1	0.9	6.8	<10	<2	21.3
1077205	Soil		1.94	<0.1	0.06	0.66	11.2	0.8	<0.05	1.8	4.26	19.4	0.03	<1	0.4	10.4	<10	<2	5.1
1077206	Soil		1.31	<0.1	0.10	0.65	8.8	1.4	<0.05	3.4	7.81	19.0	0.03	<1	0.8	12.4	<10	<2	5.7
1077207	Soil		1.57	<0.1	0.06	1.07	12.9	1.2	<0.05	2.5	2.71	15.3	0.03	<1	0.7	12.9	<10	<2	9.9
1077208	Soil		2.01	<0.1	0.04	0.93	23.1	1.2	<0.05	1.9	4.96	22.9	0.03	<1	0.5	9.8	<10	<2	9.6
1077209	Soil		3.90	<0.1	0.07	0.97	27.0	1.1	<0.05	3.5	4.16	25.4	0.03	<1	0.9	17.4	<10	2	8.8
1077210	GS-1 STD	Soil	1.02	<0.1	<0.02	0.59	15.3	0.7	<0.05	0.8	7.26	37.9	<0.02	5	0.6	31.8	<10	<2	8.6
1077211	Soil		6.85	<0.1	0.05	1.11	24.1	1.2	<0.05	2.1	9.76	54.2	0.04	1	1.6	21.1	<10	<2	13.2
1077212	Soil		4.18	<0.1	0.07	0.71	13.5	0.9	<0.05	3.3	5.56	33.2	0.03	2	1.1	23.4	<10	<2	9.1
1077213	Soil		2.20	<0.1	0.06	0.76	13.5	1.1	<0.05	3.1	5.13	32.7	0.04	4	1.4	19.4	<10	<2	7.7
1077214	Soil		6.52	<0.1	0.06	0.55	29.8	1.2	<0.05	1.5	6.64	24.3	0.05	3	0.8	12.9	<10	<2	9.4
1077215	Soil		1.90	<0.1	0.04	0.93	11.0	0.9	<0.05	2.1	11.97	29.3	0.03	<1	0.6	11.0	<10	<2	10.3
1077216	Soil		1.91	<0.1	0.05	0.71	12.8	0.7	<0.05	2.2	3.52	17.7	<0.02	1	0.5	11.4	<10	<2	5.8
1077217	Soil		13.98	0.2	0.10	1.69	61.9	1.7	<0.05	3.5	6.70	15.9	0.02	<1	0.8	15.5	<10	<2	9.9
1077218	Soil		8.87	<0.1	0.10	2.35	54.7	1.8	<0.05	4.8	4.63	23.2	0.07	<1	0.5	20.7	<10	<2	8.9
1077219	Soil		1.30	<0.1	0.05	0.71	8.8	0.7	<0.05	1.9	3.97	17.8	<0.02	<1	0.2	9.5	<10	<2	5.6
1077220	Soil		2.93	<0.1	0.06	0.36	12.9	0.9	<0.05	2.1	9.38	18.4	0.04	<1	1.1	5.2	<10	<2	12.5
1077221	Soil		2.73	<0.1	0.04	0.26	9.1	1.0	<0.05	1.8	6.15	18.3	0.03	<1	0.8	5.8	<10	<2	8.6
1077222	Soil		1.85	<0.1	0.03	0.19	7.3	0.9	<0.05	1.2	4.88	14.5	0.03	<1	0.5	4.3	<10	<2	9.3
1077223	Soil		3.32	<0.1	0.07	0.52	11.7	0.7	<0.05	2.8	13.99	25.2	0.03	<1	0.6	8.6	<10	<2	11.8
1077224	Soil		2.66	<0.1	0.11	0.48	8.2	1.1	<0.05	4.2	4.34	25.8	0.03	2	0.6	14.1	<10	<2	7.8
1077225	Soil		2.77	<0.1	0.10	0.31	15.8	0.7	<0.05	5.1	5.81	37.3	0.03	<1	0.6	15.4	<10	<2	7.8

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
		Unit	kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	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
1077226		Soil		340.0	1555	1.91	54.06	47.59	149.6	508	38.0	12.8	358	2.98	48.0	1.3	7.4	6.9	42.6	0.47	2.45	0.85
1077227		Soil		175.0	1430	2.95	63.68	87.37	97.6	377	28.7	9.7	233	3.61	102.8	1.2	17.8	6.6	27.2	0.59	3.74	1.49
1077228		Soil		160.0	1615	1.70	36.65	38.87	86.6	292	32.4	12.6	336	3.16	46.5	0.6	2.3	6.4	26.9	0.21	1.57	0.59
1077229		Soil		110.0	1120	2.36	41.67	34.31	89.7	549	32.9	11.4	278	3.14	38.6	0.6	4.3	4.1	28.0	0.46	1.42	0.53
1077230	GS-1 STD	Soil	N.A.		N.A.	0.54	19.79	8.14	46.1	31	24.9	10.8	383	2.54	3.8	1.1	1.6	5.8	73.6	0.07	0.13	0.17
1077231		Soil		255.0	1375	3.27	79.03	71.90	140.6	222	44.5	14.9	440	4.12	100.2	1.9	12.3	8.5	25.6	0.44	3.76	1.21
1077232		Soil		410.0	1960	2.05	41.55	44.05	126.8	367	35.0	12.2	360	3.04	53.7	1.0	6.0	5.6	31.7	0.34	2.39	0.71
1077233		Soil		630.0	1735	1.62	35.53	52.16	136.1	516	35.4	13.1	389	2.82	36.6	0.9	8.0	4.5	33.0	0.38	2.15	0.69
1077234		Soil		305.0	970.0	0.60	20.90	29.53	62.7	540	15.4	4.1	112	1.50	17.1	0.7	7.5	1.9	24.1	0.20	1.08	0.58
1077235		Soil		315.0	1165	1.81	46.24	48.79	154.0	347	46.2	19.0	490	3.58	51.2	1.0	8.5	7.1	37.0	0.32	2.55	0.82
1077236		Soil		260.0	1320	2.69	61.02	62.11	136.3	213	31.1	11.5	262	2.99	76.9	0.8	13.6	5.7	23.3	0.23	3.33	1.07
1077237		Soil		80.00	1555	2.92	57.96	50.74	118.5	394	31.8	14.8	466	3.35	76.3	0.5	3.8	2.9	20.2	0.44	2.65	0.72
1077238		Soil		45.00	1390	3.40	80.02	75.56	175.7	355	39.1	17.4	713	3.85	133.5	0.7	3.8	6.2	28.2	0.54	4.50	1.33
1077239		Soil		165.0	1670	1.64	38.67	27.53	116.4	132	35.0	13.3	382	3.80	57.6	0.4	2.6	3.9	26.1	0.22	1.66	0.60
1077240		Soil		135.0	1595	1.52	39.07	33.68	83.4	145	32.8	11.1	289	3.25	34.6	0.6	4.6	4.7	25.5	0.14	1.35	0.44
1077241		Soil		95.00	1575	2.50	56.65	45.56	113.1	637	41.9	11.4	302	3.57	67.1	0.6	105.0	4.2	29.7	0.24	2.38	0.74
1077242		Soil		95.00	1665	2.78	75.27	62.92	135.9	1315	40.6	11.0	333	3.56	98.8	0.9	7.0	5.3	35.3	0.32	2.47	0.91
1077243		Soil		55.00	1145	2.54	47.29	45.02	98.4	1821	37.8	17.6	778	3.26	55.3	0.8	3.6	4.1	40.5	0.38	1.51	0.83
1077244		Soil		100.00	1630	1.70	37.64	33.19	103.8	581	29.6	11.5	330	3.31	46.0	0.5	2.0	3.9	27.6	0.31	1.50	0.63
1077245		Soil		255.0	1440	1.13	20.37	16.47	54.5	186	23.0	8.3	246	2.62	21.5	0.4	3.4	3.6	24.7	0.11	0.73	0.30
1077246		Soil		195.0	1675	0.31	27.73	3.39	53.3	88	81.8	21.5	453	3.59	1.8	0.4	2.2	1.3	103.5	0.07	0.07	0.02
1077247		Soil		255.0	1810	0.54	26.73	4.92	54.7	47	69.3	19.2	577	3.60	3.5	0.4	1.7	1.3	93.1	0.06	0.12	0.07
1077248		Soil		340.0	1205	0.19	33.08	4.67	56.9	57	57.9	18.7	307	3.20	1.9	0.6	2.2	1.6	144.2	0.10	0.14	0.03
1077249		Soil		190.0	1250	0.28	36.66	3.22	65.9	57	69.0	24.7	660	3.88	1.0	0.4	1.6	0.8	168.3	0.08	0.07	<0.02
1077250	GS-1 STD	Soil	N.A.		N.A.	0.58	19.93	7.62	50.0	32	25.2	10.9	398	2.63	4.1	1.2	1.0	6.0	75.8	0.03	0.15	0.15
1077001		Soil		330.0	1300	0.70	29.04	6.48	55.8	53	61.7	20.9	436	4.07	7.0	0.5	3.5	2.8	46.4	0.14	0.38	0.17
1077002		Soil		435.0	1105	0.78	22.24	7.15	52.7	63	43.9	15.3	322	3.74	7.3	0.5	7.4	2.5	35.8	0.11	0.42	0.16
1077003		Soil		270.0	1355	0.62	24.45	6.01	56.9	60	75.0	24.4	432	4.42	5.3	0.4	1.5	1.7	87.1	0.09	0.24	0.13
1077004		Soil		200.0	1520	0.41	29.42	4.68	52.9	33	82.7	29.1	649	5.14	3.4	0.4	1.0	1.5	106.8	0.08	0.14	0.08
1077005		Soil		220.0	1375	0.61	27.63	4.38	45.9	54	104.6	33.9	438	5.14	5.5	0.3	<0.2	1.2	105.8	0.10	0.20	0.12

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	2	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
1077226	Soil		59	0.63	0.098	19.1	60.0	0.88	95.4	0.062	3	1.50	0.007	0.16	0.2	4.9	0.19	<0.02	27	0.3	0.07	5.0
1077227	Soil		66	0.32	0.072	14.9	55.7	0.74	116.1	0.057	1	1.62	0.004	0.26	0.3	4.2	0.21	0.03	14	0.4	0.12	4.9
1077228	Soil		61	0.35	0.029	11.5	53.4	0.65	119.9	0.066	<1	1.77	0.007	0.20	0.1	4.9	0.12	<0.02	9	0.2	0.04	5.0
1077229	Soil		66	0.37	0.023	10.7	49.7	0.69	96.2	0.062	<1	1.94	0.007	0.09	0.1	3.6	0.12	<0.02	15	0.2	0.05	5.2
1077230 GS-1 STD	Soil		14	3.34	0.039	16.6	19.1	0.99	59.3	0.031	2	1.13	0.019	0.20	<0.1	2.0	0.08	0.03	6	0.1	<0.02	3.0
1077231	Soil		76	0.33	0.044	24.6	71.2	0.94	71.2	0.068	1	1.68	0.007	0.20	0.2	7.6	0.19	<0.02	26	0.3	0.09	5.2
1077232	Soil		60	0.43	0.089	17.3	51.3	0.80	123.0	0.066	1	1.49	0.010	0.12	0.3	4.3	0.16	<0.02	28	0.4	0.07	4.6
1077233	Soil		60	0.32	0.079	14.7	52.1	0.80	114.1	0.061	<1	1.62	0.008	0.08	0.2	4.1	0.15	<0.02	42	0.4	0.04	5.2
1077234	Soil		27	0.22	0.051	10.6	36.5	0.41	67.3	0.050	2	1.06	0.007	0.08	0.2	2.7	0.12	0.05	75	0.4	<0.02	4.4
1077235	Soil		64	0.33	0.088	17.2	59.2	0.94	99.3	0.054	2	1.88	0.007	0.13	0.1	4.3	0.19	0.03	21	0.3	0.07	5.8
1077236	Soil		50	0.24	0.059	16.0	45.9	0.65	65.0	0.041	1	1.26	0.003	0.11	0.2	3.7	0.14	<0.02	14	0.3	0.08	3.9
1077237	Soil		67	0.17	0.042	8.4	45.4	0.72	108.3	0.070	2	1.84	0.004	0.15	0.1	3.2	0.15	<0.02	14	0.2	0.08	5.2
1077238	Soil		67	0.32	0.093	10.8	54.0	0.80	113.8	0.058	2	1.79	0.003	0.24	0.2	5.0	0.22	<0.02	14	0.3	0.12	5.1
1077239	Soil		84	0.22	0.038	8.6	60.9	0.72	187.5	0.059	1	2.70	0.001	0.09	<0.1	4.1	0.14	<0.02	16	0.2	0.05	6.7
1077240	Soil		73	0.22	0.015	13.5	53.6	0.74	130.0	0.084	<1	2.15	0.005	0.09	0.1	4.0	0.12	<0.02	19	0.1	0.04	5.8
1077241	Soil		75	0.24	0.025	12.1	61.4	0.83	118.5	0.077	2	2.29	0.003	0.13	0.1	3.9	0.16	<0.02	13	0.1	0.08	6.3
1077242	Soil		71	0.35	0.030	30.5	63.4	0.94	133.6	0.094	2	2.12	0.008	0.16	0.2	5.2	0.21	<0.02	38	0.2	0.07	6.2
1077243	Soil		68	0.36	0.038	22.5	58.1	0.65	156.7	0.065	2	2.14	0.006	0.17	0.2	4.1	0.16	<0.02	28	0.3	<0.02	5.9
1077244	Soil		68	0.24	0.034	10.2	45.2	0.68	132.8	0.052	2	2.19	0.003	0.17	0.1	3.0	0.17	<0.02	20	0.1	0.05	6.0
1077245	Soil		61	0.22	0.015	10.9	35.4	0.53	194.7	0.038	2	1.70	0.004	0.09	0.1	2.8	0.11	<0.02	14	<0.1	0.07	5.1
1077246	Soil		89	0.85	0.093	9.0	123.5	2.87	162.3	0.106	1	2.66	0.080	0.06	<0.1	8.1	<0.02	<0.02	20	0.2	<0.02	6.5
1077247	Soil		95	0.72	0.056	7.5	63.0	1.88	138.3	0.087	3	2.41	0.019	0.04	<0.1	5.8	0.03	<0.02	24	<0.1	<0.02	6.2
1077248	Soil		119	1.07	0.102	11.0	81.0	1.73	115.3	0.103	3	2.22	0.045	0.06	<0.1	8.6	<0.02	0.03	27	0.3	<0.02	5.6
1077249	Soil		102	1.15	0.102	9.4	123.5	3.18	127.4	0.060	3	2.61	0.022	0.07	<0.1	10.0	<0.02	0.03	30	0.2	<0.02	6.2
1077250 GS-1 STD	Soil		14	3.47	0.039	16.7	20.3	1.02	65.0	0.032	2	1.17	0.019	0.20	<0.1	1.9	0.09	0.04	8	0.1	0.02	3.1
1077001	Soil		81	0.25	0.035	8.5	64.4	1.57	210.4	0.123	3	4.09	0.009	0.05	<0.1	6.1	0.06	<0.02	28	0.2	<0.02	7.7
1077002	Soil		79	0.22	0.032	8.3	54.4	1.15	169.6	0.112	2	3.45	0.008	0.06	<0.1	4.9	0.07	<0.02	26	0.3	0.05	7.4
1077003	Soil		90	0.56	0.040	6.5	82.7	1.87	223.2	0.124	1	4.13	0.009	0.04	<0.1	6.3	0.03	<0.02	5	0.1	0.03	9.6
1077004	Soil		100	1.01	0.054	7.4	85.4	2.03	146.5	0.124	<1	3.18	0.022	0.05	<0.1	7.0	<0.02	<0.02	14	0.3	<0.02	7.4
1077005	Soil		80	0.63	0.062	6.5	72.6	2.64	348.1	0.106	1	4.28	0.004	0.06	<0.1	5.1	<0.02	<0.02	18	0.2	0.03	10.3

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
		Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
		MDL	0.02	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
1077226	Soil		3.87	<0.1	0.10	0.73	15.6	0.7	<0.05	3.9	8.74	36.5	0.04	<1	0.8	13.6	14	<2	9.0
1077227	Soil		3.85	<0.1	0.05	0.57	26.7	0.6	<0.05	2.5	4.63	30.4	0.04	<1	1.0	13.7	<10	<2	7.6
1077228	Soil		1.70	<0.1	0.11	0.52	18.7	0.9	<0.05	5.1	4.13	33.7	0.03	<1	0.8	13.3	<10	<2	7.1
1077229	Soil		1.59	<0.1	0.08	0.81	9.6	1.1	<0.05	3.7	4.03	22.5	0.02	<1	0.7	13.4	<10	<2	8.8
1077230 GS-1 STD	Soil		0.84	<0.1	<0.02	0.55	13.0	0.5	<0.05	0.9	6.40	33.0	<0.02	<1	0.2	26.1	<10	<2	8.5
1077231	Soil		3.35	<0.1	0.09	0.48	18.6	0.8	<0.05	3.9	11.04	46.1	0.04	<1	1.1	15.3	<10	<2	7.9
1077232	Soil		3.27	<0.1	0.06	0.62	13.3	0.5	<0.05	2.6	7.02	33.8	0.03	<1	0.7	14.5	11	<2	8.2
1077233	Soil		2.88	<0.1	0.04	0.83	12.4	0.6	<0.05	2.0	6.37	28.9	0.03	<1	0.7	13.2	<10	<2	11.0
1077234	Soil		2.00	<0.1	0.04	0.89	11.4	0.7	<0.05	1.3	4.26	19.4	0.02	<1	0.2	6.7	<10	<2	23.5
1077235	Soil		3.91	<0.1	0.14	0.40	14.3	0.6	<0.05	4.9	6.48	34.1	0.04	<1	0.7	16.4	12	<2	8.6
1077236	Soil		2.89	<0.1	0.09	0.18	11.2	0.4	<0.05	3.6	5.30	29.2	0.04	1	0.8	10.5	<10	<2	5.5
1077237	Soil		3.50	<0.1	<0.02	0.75	17.2	0.9	<0.05	1.4	3.47	20.3	0.03	<1	0.9	13.6	<10	<2	9.5
1077238	Soil		4.36	<0.1	0.04	0.56	24.9	0.8	<0.05	2.0	4.96	35.7	0.03	<1	0.9	13.7	13	<2	9.6
1077239	Soil		2.41	<0.1	0.09	0.63	13.9	0.9	<0.05	4.3	2.50	19.1	0.03	<1	0.7	17.1	<10	<2	9.8
1077240	Soil		1.44	<0.1	0.14	0.70	11.6	1.1	<0.05	5.4	4.82	29.8	<0.02	1	0.8	15.6	<10	<2	7.5
1077241	Soil		3.06	<0.1	0.06	1.14	19.8	0.8	<0.05	2.5	3.84	24.5	0.03	1	0.9	18.4	<10	<2	11.4
1077242	Soil		4.47	<0.1	0.08	1.21	23.1	0.8	<0.05	3.3	12.78	42.0	0.04	<1	1.0	22.3	<10	3	9.8
1077243	Soil		2.57	<0.1	0.06	0.86	20.4	1.1	<0.05	2.4	5.89	40.2	0.03	<1	0.5	13.0	<10	<2	11.6
1077244	Soil		2.27	<0.1	0.02	0.82	16.5	0.8	<0.05	1.6	2.89	22.3	0.03	<1	0.5	15.0	<10	<2	8.9
1077245	Soil		1.33	<0.1	<0.02	0.69	9.9	0.7	<0.05	1.0	2.60	22.7	0.02	<1	0.7	13.4	<10	<2	6.9
1077246	Soil		2.61	<0.1	0.12	0.45	6.6	0.5	<0.05	5.6	10.41	18.5	0.03	<1	1.5	13.2	<10	<2	14.5
1077247	Soil		0.96	<0.1	0.06	0.69	5.7	0.7	<0.05	3.2	5.85	18.1	0.02	<1	0.8	12.8	<10	<2	14.1
1077248	Soil		0.75	<0.1	0.19	0.96	6.8	0.6	<0.05	8.7	12.79	24.8	0.02	1	1.0	9.4	<10	<2	17.9
1077249	Soil		0.64	<0.1	0.09	0.45	7.4	0.6	<0.05	3.3	11.57	21.0	0.04	<1	1.4	11.8	<10	<2	19.5
1077250 GS-1 STD	Soil		0.91	<0.1	0.03	0.58	13.1	0.5	<0.05	1.1	6.71	35.0	<0.02	<1	0.2	26.7	<10	<2	8.6
1077001	Soil		1.47	<0.1	0.20	0.74	7.6	0.7	<0.05	6.9	4.39	23.9	0.05	<1	1.2	14.1	<10	<2	12.4
1077002	Soil		1.46	<0.1	0.14	0.94	8.5	0.7	<0.05	5.2	3.74	18.3	0.05	<1	0.9	16.9	<10	<2	11.4
1077003	Soil		1.43	<0.1	0.13	0.89	5.4	0.7	<0.05	5.6	3.46	19.6	0.04	<1	0.9	14.2	<10	<2	14.0
1077004	Soil		0.77	<0.1	0.11	0.78	6.7	0.8	<0.05	5.6	6.24	17.5	0.04	<1	1.1	12.4	<10	<2	15.3
1077005	Soil		1.07	<0.1	0.09	0.65	6.3	0.7	<0.05	4.0	3.81	13.2	0.03	<1	1.0	18.9	<10	<2	15.8

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

Method		WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	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
1077006	Soil		170.0	1255	0.94	20.58	6.76	67.5	61	59.3	21.3	509	4.25	3.8	0.4	0.9	1.4	97.4	0.12	0.26	0.14
1077007	Soil		350.0	1085	0.43	38.12	4.35	67.7	107	74.5	28.1	1064	4.69	0.9	0.7	2.3	1.7	157.6	0.17	0.13	0.03
1077008	Soil		545.0	1455	0.29	40.27	4.03	65.7	131	71.4	23.7	475	3.94	1.1	0.9	2.5	1.9	137.5	0.14	0.15	0.04
1077009	Soil		240.0	1495	0.79	27.52	6.87	64.3	43	80.6	20.4	433	4.28	6.0	0.4	0.6	2.1	90.2	0.11	0.28	0.12
1077010 GS-1 STD	Soil	N.A.		N.A.	0.66	20.01	9.02	51.0	33	24.4	10.9	400	2.66	3.7	1.4	0.8	7.6	85.3	0.06	0.20	0.20
1077011	Soil		360.0	1725	0.57	27.71	7.10	59.1	80	63.8	18.2	502	3.74	2.9	0.5	0.8	1.7	98.9	0.12	0.20	0.11
1077012	Soil		305.0	1585	0.24	35.03	5.81	64.1	106	94.9	22.0	504	3.64	2.9	1.0	2.3	1.6	130.0	0.08	0.14	0.08
1077013	Soil		305.0	1265	0.80	28.23	6.64	62.7	47	129.8	26.6	439	4.37	5.2	0.4	0.5	1.8	89.0	0.10	0.25	0.11
1077014	Soil		195.0	1200	0.68	24.87	6.62	57.4	24	113.0	21.9	393	3.69	6.0	0.4	0.5	2.2	77.8	0.10	0.28	0.12
1077015	Soil		205.0	1100	0.80	27.78	5.39	70.8	32	118.0	26.6	471	4.77	4.1	0.3	<0.2	1.4	90.8	0.14	0.23	0.08
1077016	Soil		245.0	1225	0.58	25.60	6.88	43.9	59	17.7	11.4	270	4.01	6.3	1.7	1.1	3.5	60.9	0.04	0.24	0.07
1077017	Soil		215.0	1045	0.57	26.99	7.03	40.7	57	27.7	9.9	329	3.01	6.5	1.7	0.9	2.9	74.3	0.10	0.33	0.07
1077018	Soil		115.0	1145	0.37	44.83	3.95	55.9	54	199.3	25.5	328	3.34	2.9	1.2	1.3	3.6	64.5	0.04	0.14	0.04
1077019	Soil		105.0	1215	0.89	27.46	7.94	62.0	69	88.1	26.7	660	4.11	6.0	1.1	1.4	3.4	74.7	0.09	0.25	0.08
1077020	Soil		140.0	1280	1.06	30.66	5.97	85.2	23	74.4	23.5	568	3.73	4.0	0.5	0.3	2.5	72.8	0.13	0.17	0.05
1077021	Soil		245.0	900.0	0.57	26.20	7.00	50.9	52	48.0	17.7	429	3.26	3.8	0.7	1.0	2.2	81.0	0.07	0.13	0.07
1077022	Soil		110.0	770.0	0.67	26.79	6.58	54.7	48	53.3	19.2	687	3.45	3.9	0.7	1.0	2.0	82.3	0.09	0.14	0.07
1077023	Soil		410.0	1435	0.95	25.30	7.36	55.9	48	49.1	12.1	256	3.07	4.8	0.6	1.0	2.1	67.0	0.10	0.25	0.11
1077024	Soil		150.0	1420	1.28	25.39	31.95	102.0	34	48.5	17.5	584	4.20	34.6	0.5	<0.2	3.7	44.0	0.17	1.28	0.46
1077025	Soil		360.0	1185	1.27	27.30	15.93	84.9	152	30.7	12.3	349	3.43	21.9	0.5	1.2	3.0	22.4	0.29	1.10	0.20
1077026	Soil		175.0	1565	0.58	43.03	5.87	83.5	69	125.4	34.0	708	5.02	5.6	0.6	1.1	2.0	88.3	0.11	0.21	0.09
1077027	Soil		80.00	1385	0.69	30.79	5.87	85.8	55	94.6	29.9	833	4.57	3.9	0.6	3.1	1.7	87.6	0.20	0.22	0.08
1077028	Soil		145.0	595.0	0.30	41.22	4.39	49.3	67	133.0	18.1	105	2.34	2.9	3.9	0.8	2.9	111.0	0.20	0.39	0.05
1077029	Soil		150.0	795.0	0.56	49.82	4.53	61.5	69	226.1	33.6	743	4.09	5.5	1.3	1.2	3.6	65.8	0.13	0.25	0.05
1077030 GS-1 STD	Soil	N.A.		N.A.	0.64	21.45	9.33	53.8	33	26.9	11.8	421	2.74	4.0	1.5	0.3	7.6	86.7	0.08	0.21	0.21
1077031	Soil		230.0	1280	0.39	44.94	4.56	64.3	56	182.8	26.0	222	3.20	4.9	1.0	1.1	3.6	67.1	0.17	0.17	0.05
1077032	Soil		170.0	1145	0.34	50.28	4.32	58.2	75	196.6	24.8	242	3.47	4.5	1.6	2.4	3.7	78.1	0.17	0.21	0.06
1077033	Soil		175.0	925.0	0.56	33.12	7.27	67.3	61	128.1	24.8	466	3.41	3.8	0.9	0.8	2.3	90.7	0.07	0.15	0.09
1077034	Soil		205.0	1465	0.54	39.18	16.75	82.6	163	69.4	19.5	420	3.64	9.6	1.1	2.2	3.3	87.5	0.21	0.59	0.17
1077035	Soil		255.0	1300	0.94	50.03	49.54	104.2	430	50.8	16.4	469	3.52	31.0	2.1	6.8	6.5	69.3	0.49	1.84	0.49

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	2	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
1077006	Soil		106	0.57	0.046	7.6	78.7	1.86	195.3	0.095	1	3.14	0.011	0.05	<0.1	5.9	0.05	<0.02	9	0.1	0.03	8.5
1077007	Soil		138	1.00	0.126	15.1	80.1	2.26	131.1	0.093	1	2.17	0.070	0.06	<0.1	9.8	<0.02	0.02	24	0.3	<0.02	5.4
1077008	Soil		149	0.92	0.145	14.7	63.0	1.87	80.4	0.105	2	2.02	0.071	0.04	0.1	9.7	<0.02	0.03	30	0.3	<0.02	4.9
1077009	Soil		105	0.54	0.054	8.6	64.9	1.77	242.6	0.144	<1	3.38	0.016	0.05	0.1	5.0	0.04	<0.02	6	<0.1	<0.02	8.3
1077010 GS-1 STD	Soil		15	3.53	0.039	19.7	18.9	1.02	65.6	0.033	1	1.25	0.027	0.23	<0.1	2.1	0.09	0.03	<5	0.2	<0.02	3.2
1077011	Soil		104	0.76	0.055	9.4	56.0	1.63	160.4	0.117	1	2.70	0.024	0.04	<0.1	4.8	0.03	<0.02	13	0.1	0.02	7.5
1077012	Soil		83	0.83	0.116	14.4	64.0	2.49	151.8	0.128	1	2.64	0.058	0.08	0.1	6.4	0.04	0.02	33	0.2	<0.02	6.8
1077013	Soil		85	0.47	0.070	8.3	79.8	2.51	203.3	0.120	1	3.11	0.013	0.05	0.1	3.0	0.03	<0.02	9	<0.1	0.03	7.4
1077014	Soil		77	0.34	0.042	8.4	61.1	2.11	169.3	0.129	<1	2.83	0.024	0.05	<0.1	3.0	0.03	<0.02	8	0.2	<0.02	7.0
1077015	Soil		100	0.47	0.081	5.7	59.2	2.75	206.9	0.124	1	3.04	0.004	0.07	<0.1	2.2	<0.02	<0.02	20	0.2	0.03	8.3
1077016	Soil		81	0.60	0.107	15.0	34.1	0.46	218.2	0.011	<1	1.36	0.008	0.03	<0.1	7.2	0.03	0.02	50	0.3	<0.02	3.9
1077017	Soil		80	0.64	0.125	15.2	54.7	0.36	234.8	0.005	<1	1.41	0.005	0.04	<0.1	10.3	0.04	0.03	73	0.4	<0.02	4.1
1077018	Soil		66	0.68	0.141	17.3	197.4	2.96	95.5	0.046	1	1.57	0.015	0.03	<0.1	7.4	<0.02	0.02	12	0.3	0.02	4.6
1077019	Soil		91	0.62	0.122	14.8	121.0	1.51	145.3	0.027	<1	2.12	0.010	0.06	<0.1	7.8	0.04	0.02	33	0.2	<0.02	6.0
1077020	Soil		87	0.54	0.117	15.0	113.1	2.29	141.2	0.048	<1	2.59	0.020	0.04	0.1	7.0	<0.02	<0.02	7	<0.1	<0.02	6.7
1077021	Soil		77	0.69	0.136	14.8	81.7	1.07	114.8	0.015	<1	2.13	0.010	0.05	<0.1	6.8	0.04	0.03	33	0.2	<0.02	6.0
1077022	Soil		82	0.70	0.143	15.6	83.7	1.36	119.4	0.022	<1	2.21	0.014	0.05	<0.1	7.1	0.04	0.02	26	0.3	<0.02	6.0
1077023	Soil		79	0.42	0.060	13.8	63.6	1.43	170.3	0.063	<1	2.00	0.013	0.04	<0.1	5.0	0.03	<0.02	15	0.2	<0.02	6.7
1077024	Soil		88	0.30	0.045	9.0	62.7	1.21	153.7	0.058	<1	2.75	0.006	0.07	0.1	5.1	0.10	<0.02	6	0.1	0.03	8.0
1077025	Soil		74	0.15	0.045	9.8	39.3	0.71	209.1	0.067	<1	2.85	0.007	0.07	0.1	4.2	0.10	<0.02	9	0.2	0.05	7.4
1077026	Soil		91	0.58	0.066	10.2	93.8	3.22	218.2	0.106	<1	4.42	0.011	0.04	0.1	5.9	<0.02	<0.02	13	0.2	<0.02	9.3
1077027	Soil		96	0.59	0.065	8.6	85.9	2.90	199.9	0.128	<1	3.22	0.017	0.06	<0.1	7.1	<0.02	<0.02	12	0.1	0.02	8.6
1077028	Soil		77	1.22	0.126	15.2	171.5	1.65	172.3	0.034	2	1.69	0.013	0.05	<0.1	7.5	<0.02	0.06	44	0.6	<0.02	5.0
1077029	Soil		86	0.88	0.142	17.0	164.2	1.61	99.7	0.022	1	1.54	0.012	0.05	<0.1	9.7	<0.02	0.02	166	0.3	<0.02	4.8
1077030 GS-1 STD	Soil		15	3.66	0.041	20.6	19.6	1.06	67.1	0.033	1	1.30	0.027	0.23	<0.1	2.0	0.09	0.03	<5	0.2	0.03	3.5
1077031	Soil		81	0.84	0.139	16.0	162.1	2.44	107.9	0.052	2	1.63	0.017	0.04	<0.1	8.8	<0.02	0.03	25	0.3	0.02	4.9
1077032	Soil		81	0.82	0.124	18.2	178.6	2.19	97.5	0.053	<1	1.72	0.013	0.03	<0.1	9.2	<0.02	0.03	40	0.3	0.04	4.9
1077033	Soil		79	0.71	0.125	14.1	147.6	2.69	123.4	0.071	<1	1.99	0.021	0.04	<0.1	6.8	<0.02	0.03	25	0.3	<0.02	5.7
1077034	Soil		90	0.71	0.099	16.1	86.7	1.75	188.2	0.107	1	2.26	0.023	0.06	0.1	8.3	0.04	0.02	29	0.3	0.04	6.5
1077035	Soil		75	0.52	0.074	26.2	61.9	1.02	209.9	0.077	<1	2.14	0.012	0.07	0.1	6.9	0.12	0.03	86	0.5	0.06	6.2

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
		Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
		MDL	0.02	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
1077006	Soil		0.76	<0.1	0.04	0.72	8.8	0.9	<0.05	2.6	3.68	14.9	0.04	<1	0.7	14.2	<10	<2	13.3
1077007	Soil		0.66	<0.1	0.20	0.61	7.3	0.7	<0.05	9.9	19.81	29.0	0.03	<1	1.5	9.0	<10	<2	15.0
1077008	Soil		0.50	0.1	0.24	0.72	5.7	0.6	<0.05	12.3	18.80	27.9	0.04	<1	1.6	10.2	<10	<2	14.8
1077009	Soil		0.96	<0.1	0.15	0.58	5.2	0.8	<0.05	7.5	4.96	18.5	0.03	<1	0.9	16.7	<10	<2	10.8
1077010	GS-1 STD	Soil	0.93	<0.1	0.03	0.63	13.9	0.7	<0.05	0.9	7.29	35.2	<0.02	<1	0.4	26.3	14	<2	8.6
1077011	Soil		1.02	<0.1	0.08	0.75	6.5	0.8	<0.05	4.7	6.33	22.9	0.03	<1	0.8	13.8	<10	<2	12.8
1077012	Soil		1.89	<0.1	0.08	0.90	10.0	0.6	<0.05	5.2	12.91	24.0	0.03	<1	1.1	12.5	<10	<2	15.5
1077013	Soil		1.93	<0.1	0.09	0.56	7.2	0.7	<0.05	4.8	3.56	15.9	0.04	<1	0.8	20.9	<10	<2	11.0
1077014	Soil		3.95	<0.1	0.12	0.56	6.3	0.7	<0.05	5.8	3.05	16.2	0.03	<1	1.1	18.6	<10	<2	9.5
1077015	Soil		2.67	<0.1	0.10	0.60	11.3	0.7	<0.05	4.4	2.68	10.9	0.02	<1	0.7	16.6	<10	3	12.5
1077016	Soil		0.89	<0.1	0.04	0.45	3.0	0.7	<0.05	1.6	13.09	29.6	0.04	<1	1.0	7.2	<10	<2	15.7
1077017	Soil		0.98	<0.1	0.06	0.32	4.4	1.0	<0.05	1.8	17.29	31.9	0.05	<1	1.2	5.3	<10	<2	19.9
1077018	Soil		0.84	0.1	0.15	0.42	2.6	0.6	<0.05	5.6	14.04	34.9	0.02	1	0.8	7.9	<10	<2	15.6
1077019	Soil		2.38	<0.1	0.12	0.60	7.8	1.3	<0.05	4.0	9.40	30.7	0.03	<1	0.9	9.2	<10	2	16.9
1077020	Soil		0.70	<0.1	0.05	0.33	5.4	0.7	<0.05	2.1	6.64	33.9	0.04	<1	0.9	14.9	<10	<2	10.8
1077021	Soil		0.60	<0.1	0.13	0.38	5.9	1.0	<0.05	2.8	8.87	32.2	0.04	<1	0.7	8.2	<10	<2	17.3
1077022	Soil		0.64	<0.1	0.10	0.37	5.9	0.9	<0.05	2.5	9.70	31.4	0.03	<1	0.9	9.0	<10	<2	15.6
1077023	Soil		1.04	<0.1	<0.02	0.68	5.7	0.8	<0.05	1.4	7.02	27.0	0.03	<1	0.7	14.1	<10	<2	10.9
1077024	Soil		2.47	<0.1	0.07	0.49	12.2	0.8	<0.05	3.8	3.57	16.8	0.05	<1	0.5	18.8	<10	<2	9.2
1077025	Soil		2.73	<0.1	0.07	0.85	12.1	0.7	<0.05	3.1	3.59	18.3	0.04	<1	0.8	14.5	<10	<2	9.9
1077026	Soil		1.73	<0.1	0.12	0.39	4.3	0.7	<0.05	5.0	7.61	22.7	0.04	<1	1.4	14.6	<10	<2	15.8
1077027	Soil		0.95	<0.1	0.11	0.52	8.4	0.7	<0.05	5.1	5.72	18.4	0.05	<1	1.0	18.5	<10	<2	12.8
1077028	Soil		0.56	<0.1	0.13	0.78	3.8	0.7	<0.05	4.1	10.68	28.9	0.03	<1	0.9	9.7	<10	2	I.S.
1077029	Soil		1.01	<0.1	0.10	0.41	4.4	0.7	<0.05	3.8	13.47	33.7	0.03	<1	1.2	8.1	<10	3	16.3
1077030	GS-1 STD	Soil	0.97	<0.1	<0.02	0.60	14.3	0.7	<0.05	0.8	7.38	36.8	<0.02	<1	0.3	26.9	<10	<2	8.5
1077031	Soil		0.99	<0.1	0.15	0.52	4.5	0.6	<0.05	6.6	11.99	31.6	0.03	<1	1.0	10.3	<10	<2	15.9
1077032	Soil		0.62	<0.1	0.14	0.67	2.0	0.6	<0.05	6.3	17.64	34.5	0.03	<1	1.2	9.7	<10	2	18.8
1077033	Soil		1.11	<0.1	0.08	0.62	4.6	0.6	<0.05	3.4	9.33	27.9	0.04	<1	0.7	11.8	<10	<2	17.7
1077034	Soil		1.56	<0.1	0.11	0.95	8.9	0.7	<0.05	4.9	12.02	30.3	0.04	<1	1.1	14.7	<10	<2	14.5
1077035	Soil		2.41	<0.1	0.08	1.32	11.2	0.7	<0.05	4.1	15.91	48.4	0.04	<1	0.8	17.2	<10	<2	14.5

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.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

Method		WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	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
1077036	Soil		135.0	1870	2.26	68.41	66.72	222.0	127	57.1	21.7	1141	4.23	83.6	0.8	6.7	5.5	40.9	0.47	2.84	0.94
1077037	Soil		165.0	905.0	1.56	27.49	37.90	100.8	778	28.7	14.8	1581	2.88	26.9	1.4	6.0	2.2	58.9	0.45	1.21	0.35
1077038	Soil		275.0	1275	1.02	52.35	61.66	128.6	1415	37.1	17.3	557	2.82	25.6	2.4	8.8	3.7	51.5	0.43	1.74	0.43
1077039	Soil		140.0	1370	1.84	28.35	33.19	128.8	79	27.4	11.6	444	3.07	53.7	0.6	1.7	3.6	38.0	0.29	2.15	0.49
1077040	Soil		120.0	1730	2.59	44.41	65.33	208.4	136	36.5	15.0	816	3.57	81.8	0.7	2.7	4.9	41.3	0.40	4.00	0.73
1077041	Soil		195.0	2045	2.25	47.31	71.86	181.1	559	45.2	14.3	559	3.31	78.5	2.3	11.5	6.5	47.6	0.64	2.72	0.70
1077042	Soil		235.0	1500	2.28	31.34	59.86	148.7	484	40.2	13.2	434	3.01	57.3	1.6	8.7	4.2	57.4	0.38	2.12	0.50
1076607	Soil		125.0	1435	0.79	12.55	13.60	76.7	26	18.5	12.6	572	3.45	10.3	1.1	1.7	13.4	25.4	0.12	0.54	0.21
1076608	Soil		85.00	1515	0.88	5.29	12.80	61.1	23	10.3	8.3	468	2.67	3.3	0.9	<0.2	12.2	13.6	0.09	0.44	0.13
1076609	Soil		105.0	1520	0.77	21.75	12.81	65.4	48	23.2	11.5	487	3.13	10.6	2.0	1.4	13.1	28.5	0.10	0.68	0.21
1076610 GS-1 STD	Soil	N.A.		N.A.	0.59	19.49	9.47	52.2	37	24.9	11.0	414	2.69	3.9	1.5	0.5	7.9	93.9	0.05	0.21	0.25
1076611	Soil		70.00	1380	0.79	14.79	13.31	54.8	63	23.4	10.4	465	3.05	12.2	1.2	17.7	11.1	28.0	0.09	0.74	0.28
1076612	Soil		100.00	1365	0.37	5.51	10.86	63.2	50	6.8	6.2	436	2.41	2.7	6.8	0.2	22.4	16.1	0.14	0.56	0.18
1076613	Soil		110.0	1505	0.93	13.71	15.30	73.4	88	17.6	12.3	827	2.96	7.7	1.8	1.6	16.8	29.0	0.09	0.70	0.26
1076614	Soil		65.00	1460	0.63	11.52	13.65	70.6	49	15.4	11.1	914	3.11	6.7	1.6	0.4	16.2	19.2	0.06	0.56	0.18
1076615	Soil		70.00	1255	1.01	13.40	13.23	59.0	95	20.9	10.8	655	2.83	8.4	1.1	0.8	8.3	29.1	0.14	0.62	0.20
1076616	Soil		185.0	1625	0.92	16.18	13.25	59.3	74	23.6	11.3	507	3.05	11.8	1.2	1.4	10.2	31.3	0.09	0.64	0.31
1076617	Soil		145.0	1590	0.82	17.85	12.61	57.8	52	23.4	10.1	424	2.96	10.7	1.3	4.0	12.7	26.5	0.10	0.63	0.22
1076618	Soil		65.00	1255	0.56	17.29	11.35	55.6	64	14.5	7.4	665	2.44	7.4	3.1	2.4	19.2	22.9	0.07	0.73	0.15
1076619	Soil		75.00	1375	0.44	10.30	10.59	86.8	36	9.9	10.2	808	3.58	3.9	1.6	3.5	23.1	20.6	0.06	0.35	0.14
1076620	Soil		115.0	1335	1.00	12.92	14.70	50.4	55	17.3	8.8	499	2.47	7.7	1.5	2.0	13.8	24.0	0.10	0.70	0.26
1076621	Soil		115.0	1305	0.81	15.89	12.93	53.0	57	16.8	9.8	727	2.70	7.5	1.8	1.4	21.6	26.8	0.06	0.55	0.21
1076622	Soil		145.0	1315	0.78	10.95	12.10	47.5	50	12.7	7.2	451	2.20	5.7	1.1	3.4	13.0	20.7	0.06	0.42	0.16
1076623	Soil		140.0	1185	1.09	11.10	12.00	64.5	44	16.9	10.0	655	2.95	8.3	0.8	0.7	8.4	26.4	0.10	0.56	0.18
1076624	Soil		105.0	1120	1.03	8.54	12.88	67.2	71	12.6	8.5	1226	2.86	4.4	1.6	0.3	12.0	21.4	0.12	0.61	0.13
1076625	Soil		105.0	1480	0.98	5.82	10.18	77.8	14	7.3	9.1	759	3.27	5.3	1.5	<0.2	28.2	15.6	0.03	0.57	0.09
1076626	Soil		90.00	1480	0.95	16.03	16.23	51.2	50	21.6	9.3	511	2.73	9.4	1.5	2.1	13.4	29.2	0.07	0.80	0.24
1076627	Soil		110.0	1050	0.45	19.74	9.38	61.4	90	42.5	16.3	350	3.71	12.4	0.3	3.9	1.5	43.1	0.09	0.44	0.13
1076628	Soil		165.0	1435	0.87	9.00	13.39	55.7	12	24.6	8.7	312	2.54	9.3	0.4	1.7	4.8	19.1	0.16	0.32	0.16
1076629	Soil		250.0	1325	1.06	8.64	12.25	33.8	46	13.6	5.1	165	2.16	8.0	0.4	2.7	5.7	19.9	0.09	0.43	0.17

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	2	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
1077036	Soil		95	0.39	0.101	13.3	77.5	1.17	153.3	0.076	1	2.16	0.004	0.16	0.2	5.2	0.26	<0.02	584	0.3	0.15	7.5
1077037	Soil		64	0.57	0.113	18.4	45.3	0.87	190.0	0.045	1	2.05	0.007	0.06	0.1	4.6	0.13	0.04	84	0.4	0.05	6.4
1077038	Soil		63	0.49	0.090	31.6	48.0	0.89	206.7	0.058	1	2.13	0.009	0.06	0.1	6.8	0.14	0.04	100	0.7	0.02	6.3
1077039	Soil		79	0.26	0.033	9.5	43.6	0.79	106.0	0.079	<1	1.72	0.006	0.08	0.1	3.6	0.11	<0.02	12	0.3	0.05	7.3
1077040	Soil		82	0.36	0.084	11.2	52.7	1.07	107.4	0.080	1	1.82	0.008	0.12	0.2	4.2	0.14	<0.02	23	0.4	0.11	6.7
1077041	Soil		74	0.53	0.099	26.9	61.2	1.12	119.8	0.088	<1	1.82	0.013	0.10	0.1	6.2	0.14	<0.02	40	0.8	0.04	6.2
1077042	Soil		70	0.62	0.097	16.2	55.2	1.03	121.4	0.088	1	1.68	0.013	0.08	0.2	4.7	0.11	0.03	42	0.6	0.04	5.8
1076607	Soil		81	0.27	0.025	11.7	30.0	0.94	179.7	0.189	1	2.01	0.009	0.40	0.2	5.6	0.33	<0.02	20	0.2	<0.02	7.4
1076608	Soil		53	0.18	0.021	7.5	17.7	0.52	83.9	0.020	<1	1.66	0.005	0.08	0.1	2.9	0.09	<0.02	13	0.1	<0.02	6.2
1076609	Soil		75	0.35	0.038	15.3	37.8	0.77	105.7	0.125	1	1.84	0.013	0.25	0.2	7.1	0.16	<0.02	21	0.2	<0.02	6.1
1076610 GS-1 STD	Soil		15	3.56	0.040	18.9	19.9	1.05	63.8	0.033	3	1.23	0.026	0.23	<0.1	2.0	0.10	0.04	12	0.4	<0.02	3.4
1076611	Soil		67	0.32	0.018	16.3	41.0	0.57	207.9	0.094	2	1.91	0.007	0.17	0.2	6.1	0.12	<0.02	22	0.2	0.03	5.8
1076612	Soil		37	0.30	0.045	26.5	9.9	0.33	158.9	0.033	<1	1.16	0.005	0.20	0.2	7.1	0.19	<0.02	20	0.3	<0.02	3.8
1076613	Soil		63	0.34	0.024	20.8	28.8	0.57	284.9	0.089	1	1.95	0.007	0.21	0.2	6.4	0.16	<0.02	31	0.4	<0.02	6.6
1076614	Soil		65	0.22	0.021	14.6	24.9	0.75	201.1	0.128	1	1.79	0.008	0.38	0.1	7.5	0.33	<0.02	20	0.4	0.02	6.5
1076615	Soil		61	0.33	0.029	13.4	33.0	0.54	278.6	0.085	1	1.62	0.010	0.19	0.2	4.9	0.11	<0.02	23	0.3	0.02	5.1
1076616	Soil		67	0.31	0.027	13.8	40.3	0.59	230.3	0.096	1	1.96	0.009	0.17	0.2	6.1	0.11	<0.02	26	0.3	<0.02	5.9
1076617	Soil		66	0.28	0.040	14.2	37.4	0.65	207.1	0.117	1	1.91	0.009	0.22	0.2	6.4	0.19	<0.02	29	0.3	<0.02	5.8
1076618	Soil		53	0.38	0.051	48.2	21.6	0.42	164.0	0.084	<1	1.22	0.010	0.21	0.2	7.4	0.26	<0.02	39	0.5	<0.02	4.5
1076619	Soil		76	0.28	0.041	56.4	19.2	0.97	191.7	0.191	<1	2.10	0.005	0.48	0.1	10.4	0.61	<0.02	23	0.5	<0.02	8.7
1076620	Soil		54	0.28	0.011	17.5	30.6	0.48	244.7	0.066	1	1.46	0.009	0.15	0.2	4.3	0.10	<0.02	22	0.3	<0.02	4.4
1076621	Soil		56	0.29	0.018	46.5	32.3	0.55	227.1	0.082	1	1.78	0.010	0.20	0.1	5.6	0.12	<0.02	29	0.5	<0.02	5.4
1076622	Soil		48	0.20	0.017	23.6	22.3	0.47	174.7	0.080	<1	1.27	0.010	0.15	0.2	3.9	0.12	<0.02	16	0.3	<0.02	4.5
1076623	Soil		63	0.23	0.020	10.5	31.5	0.55	286.7	0.089	<1	1.87	0.006	0.16	0.1	4.3	0.14	<0.02	19	0.2	<0.02	5.9
1076624	Soil		55	0.25	0.025	35.0	18.3	0.38	271.1	0.047	<1	1.56	0.006	0.19	0.1	5.0	0.17	<0.02	25	0.4	<0.02	5.6
1076625	Soil		60	0.15	0.013	8.1	9.4	0.65	254.4	0.107	<1	1.78	0.005	0.36	<0.1	9.0	0.34	<0.02	11	0.2	0.02	6.3
1076626	Soil		55	0.29	0.016	21.3	32.7	0.48	296.4	0.062	<1	1.66	0.008	0.19	0.2	5.4	0.11	<0.02	15	0.3	0.02	4.6
1076627	Soil		98	0.28	0.039	9.2	117.0	1.40	76.4	0.073	<1	2.68	0.003	0.05	0.2	5.1	0.04	<0.02	17	0.2	<0.02	9.7
1076628	Soil		65	0.16	0.032	10.3	40.3	0.59	112.6	0.035	<1	1.80	0.004	0.09	0.1	2.4	0.08	<0.02	14	0.3	0.03	6.2
1076629	Soil		61	0.14	0.015	14.5	27.7	0.40	74.4	0.043	<1	1.22	0.004	0.06	0.1	1.7	0.07	<0.02	14	0.2	<0.02	5.0

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
		Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
		MDL	0.02	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
1077036	Soil		5.77	<0.1	0.05	0.88	24.7	0.9	<0.05	2.0	6.60	26.6	0.06	<1	0.8	17.3	16	<2	11.9
1077037	Soil		2.95	<0.1	0.03	0.78	7.9	0.6	<0.05	1.1	7.36	36.4	0.03	<1	0.8	17.0	11	<2	19.0
1077038	Soil		3.34	<0.1	0.04	1.01	9.0	0.6	<0.05	1.9	18.53	58.9	0.04	<1	0.8	18.2	<10	<2	18.8
1077039	Soil		3.28	<0.1	0.06	0.69	15.1	0.8	<0.05	3.2	3.03	17.3	0.03	<1	0.4	15.7	17	<2	7.9
1077040	Soil		4.31	<0.1	0.05	0.53	11.3	0.8	<0.05	2.8	5.40	21.2	0.04	<1	0.6	15.5	10	<2	8.1
1077041	Soil		4.00	<0.1	0.08	0.57	11.5	0.6	<0.05	4.2	15.90	39.0	0.04	<1	0.9	22.3	<10	<2	7.5
1077042	Soil		2.91	<0.1	0.07	1.03	9.3	0.7	<0.05	3.1	8.06	28.9	0.04	<1	0.8	18.1	<10	<2	13.0
1076607	Soil		3.35	<0.1	0.10	1.57	53.6	1.4	<0.05	3.7	5.62	38.6	0.05	<1	0.5	31.5	<10	<2	5.6
1076608	Soil		0.87	<0.1	<0.02	0.59	11.7	1.0	<0.05	0.8	4.94	19.8	0.03	<1	0.5	16.4	<10	<2	7.2
1076609	Soil		2.12	<0.1	0.13	0.66	24.3	0.9	<0.05	6.4	7.10	51.6	0.04	<1	0.8	20.9	<10	<2	6.1
1076610 GS-1 STD	Soil		0.94	<0.1	<0.02	0.58	13.5	0.7	<0.05	0.9	7.09	34.7	<0.02	<1	0.3	29.1	<10	<2	8.7
1076611	Soil		1.28	<0.1	0.17	0.63	17.6	0.8	<0.05	7.3	7.23	44.3	0.03	<1	0.8	14.0	<10	<2	7.5
1076612	Soil		6.48	<0.1	0.06	0.52	27.0	0.7	<0.05	3.3	18.32	39.4	0.05	<1	0.8	12.2	<10	<2	7.6
1076613	Soil		1.98	<0.1	0.12	1.01	25.4	1.2	<0.05	5.3	20.56	43.3	0.05	<1	0.9	18.5	<10	<2	8.9
1076614	Soil		3.66	<0.1	0.20	0.61	48.0	1.5	<0.05	7.7	10.58	42.8	0.05	<1	0.7	30.7	<10	<2	5.8
1076615	Soil		1.18	<0.1	0.10	0.94	23.5	1.0	<0.05	3.7	5.74	32.0	0.04	<1	0.7	16.5	<10	<2	6.7
1076616	Soil		0.99	<0.1	0.18	0.75	15.5	1.0	<0.05	6.7	6.25	35.7	0.04	<1	0.6	14.5	<10	<2	6.8
1076617	Soil		1.98	<0.1	0.15	0.62	26.4	1.2	<0.05	7.2	7.44	47.0	0.04	<1	0.6	19.3	<10	<2	6.1
1076618	Soil		3.33	0.1	0.16	0.98	27.8	1.5	<0.05	8.4	41.78	47.4	0.04	<1	0.9	15.4	<10	<2	5.5
1076619	Soil		5.22	0.2	0.15	1.87	84.2	2.1	<0.05	6.6	25.57	47.8	0.08	<1	0.7	48.2	<10	<2	7.6
1076620	Soil		1.44	<0.1	0.15	0.71	15.1	1.0	<0.05	5.9	11.61	30.4	0.03	<1	1.0	14.9	<10	<2	6.6
1076621	Soil		1.33	<0.1	0.13	0.92	17.2	1.0	<0.05	5.8	24.64	62.3	0.04	<1	0.5	14.9	<10	<2	7.7
1076622	Soil		1.45	<0.1	0.10	0.95	17.2	1.0	<0.05	3.9	12.51	39.5	0.03	<1	0.5	14.0	<10	<2	5.7
1076623	Soil		1.60	<0.1	0.09	1.04	19.8	1.0	<0.05	3.8	4.30	23.8	0.03	<1	0.7	13.5	<10	<2	7.6
1076624	Soil		1.43	<0.1	0.03	1.33	18.9	1.5	<0.05	1.6	12.04	51.9	0.04	<1	0.8	8.8	<10	<2	9.3
1076625	Soil		4.76	<0.1	0.18	0.74	49.4	1.6	<0.05	7.7	8.22	35.3	0.06	<1	0.9	13.6	<10	<2	6.8
1076626	Soil		1.69	<0.1	0.16	0.67	15.3	1.1	<0.05	7.2	7.09	52.8	0.04	<1	1.0	11.2	<10	<2	7.1
1076627	Soil		1.67	<0.1	0.03	0.91	6.1	1.0	<0.05	1.4	3.83	23.4	0.04	<1	0.9	30.9	<10	<2	13.2
1076628	Soil		2.45	<0.1	0.02	0.87	10.8	0.8	<0.05	1.5	2.76	19.3	0.03	<1	0.3	14.9	<10	<2	8.8
1076629	Soil		1.08	<0.1	<0.02	0.69	7.5	0.8	<0.05	1.0	2.35	26.6	<0.02	<1	0.5	9.0	<10	<2	7.1

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

	Method	WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	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
1076630 GS-1 STD	Soil	N.A.		N.A.	0.61	19.48	9.19	50.5	37	25.2	11.0	398	2.69	4.1	1.4	<0.2	7.1	92.7	0.05	0.21	0.21
1076631	Soil		190.0	1490	0.41	6.03	10.28	30.8	14	12.1	5.4	166	1.95	11.1	0.4	0.3	4.3	24.3	0.11	0.36	0.12
1076632	Soil		190.0	1465	1.06	8.85	14.08	33.5	25	10.2	4.1	194	2.33	14.3	0.4	2.2	4.6	12.6	0.16	0.62	0.17
1076633	Soil		180.0	1230	1.07	10.04	23.93	61.3	61	16.6	7.7	208	2.80	8.1	0.4	0.8	2.8	24.3	0.11	0.64	0.22
1076634	Soil		290.0	1310	0.20	32.24	11.15	57.2	67	32.9	16.7	537	3.07	8.3	0.6	1.4	1.9	414.6	0.06	0.66	0.05
1076635	Soil		90.00	1520	0.26	39.87	13.51	72.6	117	53.4	17.1	452	3.12	5.2	1.8	4.6	3.7	371.2	0.17	0.65	0.17
1076636	Soil		105.0	1105	0.43	30.68	9.79	58.8	83	42.8	15.9	517	3.22	8.7	1.2	6.4	3.3	180.4	0.12	0.33	0.12
1076637	Soil		230.0	1035	0.62	24.30	7.41	51.0	43	42.8	16.1	285	3.31	17.0	0.5	2.2	2.5	40.1	0.06	0.64	0.14
1076638	Soil		160.0	1300	0.52	46.44	7.00	53.9	165	41.1	12.9	431	2.89	16.9	0.6	6.9	2.3	68.7	0.08	0.78	0.13
1076639	Soil		65.00	1300	0.69	24.64	7.19	57.0	160	55.5	19.6	478	3.44	41.7	0.4	0.8	1.6	38.3	0.15	1.19	0.10
1076640	Soil		95.00	925.0	0.36	35.98	4.12	53.3	138	86.6	18.4	377	2.82	3.9	0.5	4.6	0.9	140.9	0.11	0.64	0.06
1076641	Soil		225.0	935.0	0.23	56.49	5.85	58.4	107	101.6	23.7	395	3.72	4.0	0.9	1.9	1.8	165.1	0.14	0.50	0.06
1076642	Soil		230.0	1180	0.28	57.39	5.24	59.7	95	107.5	25.2	478	3.60	3.4	1.0	1.8	1.9	142.7	0.14	0.46	0.06
1076643	Soil		135.0	1195	0.84	21.80	6.68	54.3	12	31.7	14.8	339	3.70	7.3	0.5	4.6	2.9	31.3	0.10	0.72	0.11
1076644	Soil		160.0	1390	0.65	16.82	7.18	58.8	58	24.0	17.5	685	3.60	5.8	1.0	0.7	2.5	50.2	0.11	0.57	0.13
1076645	Soil		250.0	1315	0.78	29.44	5.75	67.5	81	29.3	18.8	565	4.43	5.2	0.9	1.8	1.4	61.4	0.16	1.10	0.07
1076646	Soil		130.0	1260	0.85	28.85	7.07	66.6	46	38.3	22.3	719	4.53	9.4	0.8	1.1	1.7	50.2	0.13	1.93	0.08
1076647	Soil		145.0	1165	0.74	29.06	5.89	70.8	28	28.8	20.4	462	4.33	6.4	0.7	2.3	2.2	47.9	0.14	1.65	0.07
1076648	Soil		160.0	810.0	0.55	21.76	5.43	77.6	63	37.7	14.6	545	2.92	4.3	0.6	1.1	0.9	79.0	0.18	0.82	0.08
1076649	Soil		110.0	625.0	0.67	23.49	4.44	75.0	72	51.9	17.1	643	3.06	3.5	0.6	0.4	0.8	93.8	0.16	0.32	0.06
1076650 GS-1 STD	Soil	N.A.		N.A.	0.70	21.82	8.83	49.7	30	26.6	11.9	412	2.62	4.6	1.4	0.8	6.8	86.8	0.05	0.20	0.20
1076651	Soil		90.00	1170	0.53	36.74	6.15	68.4	54	100.9	23.4	606	4.28	3.8	0.7	0.9	2.0	85.6	0.10	0.20	0.07
1076652	Soil		80.00	1250	0.57	36.09	5.87	54.8	50	90.1	20.5	476	3.80	2.6	0.4	<0.2	1.4	114.4	0.16	0.19	0.09
1076653	Soil		190.0	1440	0.37	37.06	4.20	57.2	22	181.9	32.5	621	4.44	2.0	0.3	0.7	1.2	110.6	0.10	0.10	0.05
1076654	Soil		160.0	1525	0.44	37.43	5.23	53.5	55	197.0	28.8	654	4.03	2.2	0.6	1.0	1.2	115.3	0.08	0.11	0.05
1076655	Soil		95.00	1450	0.64	26.60	4.70	55.0	28	191.2	26.9	541	3.88	2.1	0.3	0.3	1.2	92.3	0.09	0.10	0.07
1076656	Soil		205.0	1830	0.51	36.39	4.24	55.4	31	235.9	32.2	770	4.22	2.6	0.5	0.4	1.5	108.4	1.30	0.11	0.08
1076657	Soil		310.0	1580	0.50	29.17	4.79	68.5	42	95.3	20.9	543	3.69	3.3	0.4	0.8	1.8	75.0	0.13	0.24	0.05
1076658	Soil		290.0	1480	0.60	25.74	5.16	72.2	28	131.2	24.8	630	3.97	2.8	0.4	0.6	1.5	73.9	0.09	0.12	0.07
1076659	Soil		145.0	695.0	0.52	23.40	5.43	73.4	42	91.8	24.0	517	3.48	3.8	0.4	1.5	1.5	87.3	0.14	0.28	0.06

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	2	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
1076630 GS-1 STD	Soil		15	3.70	0.038	17.3	19.3	1.05	65.5	0.032	<1	1.25	0.025	0.23	<0.1	1.9	0.09	0.04	14	0.3	<0.02	3.5
1076631	Soil		56	0.17	0.013	10.0	27.0	0.44	54.1	0.088	<1	0.83	0.007	0.07	0.2	1.6	0.04	<0.02	10	0.1	<0.02	4.0
1076632	Soil		61	0.07	0.021	9.5	21.0	0.22	109.2	0.021	<1	1.29	0.003	0.04	0.2	1.5	0.08	<0.02	10	0.1	0.04	5.3
1076633	Soil		71	0.22	0.024	9.4	43.1	0.52	86.3	0.038	<1	1.49	0.005	0.08	0.1	2.5	0.06	<0.02	9	0.2	<0.02	5.4
1076634	Soil		82	2.13	0.122	11.8	80.5	1.32	68.6	0.211	<1	2.86	0.008	0.11	0.2	7.9	<0.02	0.03	15	0.3	<0.02	9.7
1076635	Soil		66	1.71	0.126	30.2	101.9	1.09	122.6	0.236	2	2.46	0.008	0.14	0.3	9.6	0.06	0.03	28	0.1	<0.02	8.8
1076636	Soil		69	1.25	0.086	20.9	58.7	1.27	109.4	0.194	<1	2.71	0.012	0.11	0.2	7.1	0.04	<0.02	15	0.1	<0.02	9.0
1076637	Soil		71	0.40	0.042	9.4	86.6	0.95	139.2	0.070	1	2.63	0.007	0.06	0.2	4.6	0.06	<0.02	6	<0.1	0.03	7.4
1076638	Soil		64	0.87	0.071	22.2	77.4	1.05	142.3	0.071	2	2.00	0.016	0.08	0.2	8.2	0.05	<0.02	40	0.3	<0.02	6.2
1076639	Soil		78	0.40	0.059	8.3	147.6	1.35	103.7	0.058	1	2.19	0.003	0.07	0.2	5.5	0.07	<0.02	17	0.1	<0.02	7.9
1076640	Soil		66	1.82	0.078	11.9	152.8	2.05	88.0	0.061	1	2.31	0.014	0.06	0.1	9.8	0.02	0.05	32	0.3	<0.02	6.5
1076641	Soil		119	1.63	0.117	12.6	156.3	2.36	101.3	0.189	<1	2.22	0.024	0.06	0.1	5.6	<0.02	0.04	30	0.5	<0.02	7.6
1076642	Soil		100	1.33	0.109	12.7	151.3	2.64	95.7	0.180	2	2.33	0.022	0.06	0.1	5.8	<0.02	0.02	25	0.5	<0.02	7.5
1076643	Soil		83	0.39	0.041	9.9	58.4	0.70	145.4	0.062	2	2.26	0.012	0.06	0.3	8.6	0.06	<0.02	22	<0.1	<0.02	5.3
1076644	Soil		77	0.55	0.038	9.7	66.0	0.73	219.1	0.060	<1	1.86	0.013	0.06	0.3	8.5	0.05	<0.02	20	0.2	0.03	5.1
1076645	Soil		97	1.01	0.105	14.1	91.1	0.64	142.5	0.028	1	1.46	0.011	0.08	0.4	14.6	0.04	0.03	52	0.3	<0.02	3.9
1076646	Soil		100	0.66	0.081	17.2	96.4	0.64	178.8	0.037	2	1.58	0.010	0.06	0.6	15.5	0.05	0.02	104	0.2	<0.02	4.1
1076647	Soil		96	0.62	0.089	15.3	88.9	0.62	129.1	0.046	1	1.40	0.016	0.05	0.6	14.5	0.03	<0.02	41	0.2	<0.02	4.0
1076648	Soil		62	1.20	0.076	9.2	69.1	0.65	147.4	0.030	<1	1.37	0.011	0.05	0.4	6.9	0.04	0.05	39	0.2	<0.02	3.9
1076649	Soil		60	1.38	0.105	10.8	85.1	0.76	152.1	0.018	<1	1.45	0.009	0.05	0.1	7.3	0.04	0.07	34	0.2	<0.02	3.7
1076650 GS-1 STD	Soil		9	3.71	0.039	18.3	21.4	1.01	67.7	0.034	<1	1.22	0.018	0.20	<0.1	1.9	0.10	0.03	9	0.1	<0.02	3.3
1076651	Soil		95	0.88	0.091	15.1	115.0	2.25	157.2	0.075	<1	2.80	0.010	0.06	<0.1	8.7	<0.02	<0.02	18	0.2	<0.02	7.3
1076652	Soil		90	0.72	0.056	7.9	60.8	2.01	131.0	0.144	<1	2.64	0.019	0.07	<0.1	4.2	<0.02	<0.02	24	0.2	0.03	7.3
1076653	Soil		83	0.82	0.088	8.5	91.2	4.04	90.6	0.133	<1	2.93	0.009	0.05	<0.1	2.9	<0.02	<0.02	8	<0.1	<0.02	6.7
1076654	Soil		78	0.94	0.087	9.9	62.0	3.64	121.6	0.143	<1	2.97	0.020	0.06	<0.1	3.8	<0.02	<0.02	17	0.1	0.02	7.2
1076655	Soil		72	0.68	0.066	7.6	59.6	4.05	111.4	0.110	<1	2.92	0.008	0.04	<0.1	2.2	<0.02	<0.02	<5	<0.1	<0.02	6.7
1076656	Soil		68	0.88	0.079	8.9	77.1	4.18	102.2	0.084	<1	2.82	0.010	0.04	<0.1	4.4	<0.02	<0.02	8	0.2	<0.02	6.3
1076657	Soil		78	0.79	0.138	14.8	105.7	1.69	155.4	0.058	<1	2.09	0.023	0.05	0.1	7.6	0.02	<0.02	28	<0.1	<0.02	5.3
1076658	Soil		86	0.73	0.075	7.8	81.4	2.52	111.6	0.082	<1	2.45	0.010	0.04	<0.1	5.2	<0.02	<0.02	8	0.1	<0.02	6.1
1076659	Soil		77	0.76	0.101	10.5	151.8	1.71	167.7	0.062	<1	2.13	0.012	0.06	<0.1	6.9	0.03	0.02	38	0.2	<0.02	6.0

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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
1076630 GS-1 STD	Soil	0.93	<0.1	0.02	0.57	13.4	0.8	<0.05	0.9	7.13	32.3	<0.02	<1	0.4	26.9	<10	<2	8.8
1076631	Soil	0.85	<0.1	0.06	1.03	9.6	0.6	<0.05	1.9	2.56	18.2	<0.02	<1	0.2	7.0	<10	<2	I.S.
1076632	Soil	0.73	<0.1	<0.02	1.18	7.1	0.9	<0.05	0.6	2.33	17.7	0.02	<1	0.2	7.6	<10	<2	7.6
1076633	Soil	1.04	<0.1	<0.02	0.76	9.5	0.8	<0.05	0.8	2.78	17.7	<0.02	<1	0.4	10.9	<10	<2	6.6
1076634	Soil	3.12	<0.1	0.46	1.66	6.0	1.0	<0.05	17.7	8.86	22.6	0.03	<1	1.2	9.4	<10	2	14.8
1076635	Soil	2.45	<0.1	0.51	5.13	12.2	1.7	<0.05	21.3	17.35	48.6	0.05	<1	2.2	15.1	<10	<2	15.0
1076636	Soil	2.91	<0.1	0.20	1.87	10.6	1.1	<0.05	11.6	13.69	37.8	0.04	<1	2.1	16.2	<10	<2	11.1
1076637	Soil	1.53	<0.1	0.06	0.99	8.2	0.7	<0.05	3.5	3.92	18.7	0.04	<1	0.9	18.4	<10	<2	9.9
1076638	Soil	1.12	<0.1	0.05	0.95	7.6	0.6	<0.05	2.3	18.84	30.9	0.03	<1	0.9	15.3	<10	<2	11.9
1076639	Soil	1.11	<0.1	<0.02	0.69	13.6	0.8	<0.05	1.3	3.35	16.6	0.02	<1	1.1	23.1	<10	<2	9.2
1076640	Soil	2.17	<0.1	0.07	0.96	6.5	0.7	<0.05	3.2	11.88	18.6	0.03	<1	1.3	25.2	<10	<2	27.6
1076641	Soil	13.03	<0.1	0.28	2.18	4.5	0.7	<0.05	14.2	10.73	25.7	0.03	<1	1.1	18.4	<10	<2	22.0
1076642	Soil	14.69	<0.1	0.24	1.82	5.1	0.7	<0.05	12.8	10.79	25.2	0.02	<1	0.7	20.5	<10	<2	17.3
1076643	Soil	1.48	<0.1	0.06	0.82	5.9	0.7	<0.05	3.4	6.31	25.0	0.03	<1	1.1	14.2	<10	<2	11.0
1076644	Soil	1.95	<0.1	0.06	0.82	8.0	0.7	<0.05	2.9	6.45	24.9	0.04	<1	0.5	13.0	<10	<2	10.8
1076645	Soil	4.08	<0.1	0.08	0.56	11.6	0.7	<0.05	2.7	17.40	23.7	0.04	<1	1.2	9.4	<10	<2	18.4
1076646	Soil	2.30	<0.1	0.04	0.61	7.0	0.7	<0.05	1.8	19.89	31.8	0.04	<1	1.3	10.3	<10	<2	16.9
1076647	Soil	2.48	<0.1	0.06	0.47	6.5	0.6	<0.05	3.0	17.09	29.0	0.04	<1	1.5	9.6	<10	<2	11.6
1076648	Soil	1.41	<0.1	0.07	0.63	9.3	0.5	<0.05	2.3	8.96	18.4	0.03	<1	1.0	7.8	<10	<2	27.7
1076649	Soil	0.81	<0.1	0.09	0.46	6.2	0.5	<0.05	2.7	11.56	21.6	0.03	<1	1.0	6.5	<10	<2	31.9
1076650 GS-1 STD	Soil	0.92	<0.1	<0.02	0.61	14.3	0.7	<0.05	0.9	7.46	34.2	<0.02	<1	0.3	27.0	<10	<2	8.8
1076651	Soil	0.85	<0.1	0.12	0.64	6.9	0.8	<0.05	4.4	13.75	31.4	0.03	<1	1.5	11.7	<10	<2	15.0
1076652	Soil	3.03	<0.1	0.13	1.20	9.6	0.8	<0.05	7.4	4.89	24.8	0.03	<1	1.4	11.9	<10	<2	16.2
1076653	Soil	1.54	<0.1	0.19	0.37	5.5	0.6	<0.05	10.8	5.28	20.3	0.02	<1	1.4	13.0	<10	<2	13.5
1076654	Soil	3.66	<0.1	0.10	1.11	6.4	0.6	<0.05	7.3	7.21	20.2	<0.02	<1	1.3	15.0	<10	<2	17.5
1076655	Soil	1.36	<0.1	0.09	0.33	5.7	0.5	<0.05	5.3	4.92	15.3	<0.02	<1	0.9	11.3	<10	<2	13.2
1076656	Soil	1.43	<0.1	0.07	0.51	5.0	0.6	<0.05	3.8	7.33	20.8	0.02	<1	1.3	12.9	<10	<2	15.7
1076657	Soil	0.98	<0.1	0.11	0.51	5.8	0.8	<0.05	4.4	11.35	31.8	0.03	<1	1.3	10.6	<10	<2	13.0
1076658	Soil	0.82	<0.1	0.07	0.48	6.4	0.8	<0.05	3.8	5.61	21.1	0.02	<1	0.9	14.9	<10	<2	13.1
1076659	Soil	0.91	<0.1	0.08	0.58	7.0	0.7	<0.05	3.1	7.09	22.5	0.02	<1	0.8	11.7	<10	<2	16.9

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

	Method	WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	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
1076660	Soil		165.0	1510	1.49	26.68	9.42	43.5	47	65.9	16.9	451	3.74	6.7	0.5	2.0	1.5	28.7	0.24	0.25	0.14
1076661	Soil		270.0	1310	0.94	24.38	7.97	50.8	14	76.5	16.3	281	3.34	7.3	0.4	0.7	2.2	25.9	0.17	0.26	0.13
1076662	Soil		320.0	1500	1.32	34.42	18.62	84.4	21	92.6	21.0	350	4.61	8.0	0.4	1.1	1.9	16.6	0.21	0.30	0.14
1076663	Soil		315.0	1620	0.35	44.96	3.56	54.8	63	204.6	25.2	315	3.22	2.5	0.9	1.6	2.5	93.4	0.12	0.11	0.05
1076664	Soil		410.0	1590	0.86	33.58	6.84	59.8	39	94.9	18.5	423	3.64	7.5	0.5	1.2	2.3	64.4	0.13	0.27	0.12
1076665	Soil		275.0	1390	0.68	50.80	14.02	78.5	126	165.3	29.7	932	3.84	4.1	0.8	0.7	2.2	102.9	0.22	0.21	0.08
1076666	Soil		135.0	870.0	1.38	18.75	9.03	42.7	140	35.8	11.2	741	2.71	8.2	1.1	1.5	7.7	83.1	0.16	0.34	0.16
1076667	Soil		235.0	1390	0.78	25.48	8.49	49.8	45	66.4	16.1	265	2.80	5.4	1.8	1.4	5.7	83.9	0.07	0.26	0.13
1076668	Soil		470.0	1520	0.99	38.81	9.28	54.9	71	43.9	12.4	262	3.28	8.3	0.9	0.9	3.4	55.5	0.09	0.26	0.14
1076669	Soil		75.00	1430	0.58	55.65	4.69	54.4	151	155.6	28.7	463	3.64	4.4	1.2	0.5	1.5	167.5	0.07	0.12	0.05

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		2	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
1076660	Soil	81	0.24	0.067	9.8	100.5	0.91	163.5	0.034	<1	2.53	0.002	0.04	0.1	5.9	0.04	<0.02	16	0.2	<0.02	8.2
1076661	Soil	67	0.22	0.029	7.9	72.7	1.14	162.2	0.088	<1	2.50	0.007	0.05	0.1	3.5	0.04	<0.02	15	0.1	0.05	6.6
1076662	Soil	92	0.14	0.034	7.7	148.8	1.19	146.3	0.043	<1	2.93	<0.001	0.04	0.2	6.0	0.04	<0.02	13	0.1	0.04	9.1
1076663	Soil	54	0.84	0.122	14.8	203.9	4.19	113.2	0.070	<1	2.22	0.016	0.04	<0.1	6.4	<0.02	<0.02	19	0.2	<0.02	5.4
1076664	Soil	77	0.48	0.058	11.0	114.7	2.15	147.3	0.087	<1	2.52	0.013	0.05	0.1	5.3	0.03	<0.02	15	0.1	0.02	7.2
1076665	Soil	98	0.86	0.104	14.3	180.6	3.48	157.3	0.133	1	2.56	0.015	0.05	0.3	8.2	0.03	<0.02	25	0.2	<0.02	8.1
1076666	Soil	47	0.77	0.101	20.9	48.5	0.79	181.8	0.020	<1	1.54	0.010	0.09	0.2	4.3	0.10	0.03	55	0.2	<0.02	4.6
1076667	Soil	70	0.87	0.116	16.7	65.9	1.51	97.3	0.108	<1	1.61	0.016	0.05	0.2	4.1	0.07	<0.02	27	0.2	<0.02	5.5
1076668	Soil	93	0.53	0.071	13.3	62.1	1.18	144.9	0.143	<1	1.78	0.011	0.04	0.3	3.8	0.05	<0.02	15	<0.1	0.02	7.3
1076669	Soil	58	0.93	0.057	15.7	110.2	4.01	97.8	0.106	<1	2.12	0.014	0.03	0.1	5.7	<0.02	<0.02	22	<0.1	0.02	7.2

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

CERTIFICATE OF ANALYSIS WHI11000727.2

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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
1076660	Soil	2.49	<0.1	<0.02	0.97	7.3	0.8	<0.05	0.9	4.25	20.0	0.04	<1	1.2	21.7	<10	<2	13.7
1076661	Soil	1.55	<0.1	0.09	1.21	7.9	1.0	<0.05	4.2	2.79	21.3	0.03	<1	0.6	17.7	<10	<2	11.7
1076662	Soil	3.13	<0.1	0.07	1.05	8.6	1.3	<0.05	3.4	2.62	15.8	0.05	<1	0.8	29.7	<10	<2	11.8
1076663	Soil	2.49	<0.1	0.09	0.64	4.1	0.6	<0.05	4.2	8.48	26.0	0.02	<1	1.1	23.9	<10	<2	16.2
1076664	Soil	2.69	<0.1	0.05	0.85	7.3	0.8	<0.05	2.9	4.33	28.1	0.03	<1	0.7	24.9	<10	<2	10.9
1076665	Soil	3.55	<0.1	0.09	1.25	6.3	0.9	<0.05	5.0	7.26	29.7	0.03	<1	1.5	33.3	<10	<2	16.6
1076666	Soil	2.01	<0.1	0.04	1.13	14.6	1.0	<0.05	2.1	8.52	37.8	<0.02	<1	0.6	9.1	<10	<2	19.4
1076667	Soil	1.69	<0.1	0.14	1.86	8.1	1.3	<0.05	6.8	7.86	31.3	<0.02	<1	0.7	11.8	<10	<2	13.5
1076668	Soil	3.74	<0.1	0.11	1.67	9.3	0.9	<0.05	6.1	6.03	24.1	0.02	<1	1.0	20.0	<10	<2	9.8
1076669	Soil	2.32	<0.1	0.10	1.16	3.0	0.8	<0.05	5.6	11.51	22.4	0.03	<1	1.3	14.6	<10	<2	18.7

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

QUALITY CONTROL REPORT WHI11000727.2

	Method	WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	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
Pulp Duplicates																					
1076891	Soil		105.0	1415	0.91	11.28	12.11	85.9	60	12.1	12.0	881	3.73	5.8	0.9	2.5	6.4	20.0	0.12	0.35	0.17
REP 1076891	QC																				
1076897	Soil		120.0	1375	0.87	18.85	13.81	75.4	88	23.5	11.8	560	3.64	14.1	2.0	1.6	10.9	22.5	0.19	0.65	0.27
REP 1076897	QC				0.91	18.76	14.05	69.9	95	23.2	12.7	574	3.75	13.4	2.1	2.7	11.3	22.8	0.21	0.66	0.26
1076770 GS-1 STD	Soil	N.A.		N.A.	0.65	21.35	7.19	52.7	38	27.2	12.6	428	2.85	3.9	1.3	13.9	6.8	80.1	<0.01	0.09	0.14
REP 1076770 GS-1 STD	QC				0.79	21.93	7.55	51.6	66	26.9	11.7	416	2.72	3.7	1.3	1.4	6.7	78.9	<0.01	0.15	0.28
1076777	Soil		90.00	1550	4.63	73.27	104.2	320.8	152	55.2	21.2	1042	5.74	187.6	1.2	4.7	6.8	26.4	0.61	6.40	1.72
REP 1076777	QC				4.59	71.01	101.1	308.7	145	53.8	19.7	1010	5.57	179.5	1.2	4.7	6.9	25.0	0.62	6.53	1.69
1076784	Soil		205.0	1610	0.74	40.61	5.51	56.2	70	109.7	20.8	315	3.69	3.8	1.2	0.5	3.1	64.5	0.06	0.11	0.11
REP 1076784	QC				0.72	41.02	5.41	53.6	66	112.8	21.6	323	3.72	3.6	1.2	1.8	3.3	66.2	0.07	0.12	0.10
1076787	Soil		110.0	1925	0.43	43.01	4.58	61.2	69	179.1	24.4	433	3.60	4.3	1.1	0.3	4.5	101.1	0.04	0.08	0.06
REP 1076787	QC																				
1076793	Soil		295.0	1305	0.90	60.67	8.62	67.8	231	103.1	19.6	394	3.88	12.2	0.9	2.0	2.9	52.3	0.14	0.35	0.14
REP 1076793	QC				0.85	62.21	8.96	67.2	240	104.0	18.9	397	3.93	12.3	0.9	<0.2	3.1	51.2	0.13	0.37	0.15
1077208	Soil		105.0	1355	1.43	13.64	20.93	67.8	96	20.1	11.5	440	2.99	20.8	0.8	<0.2	4.6	42.2	0.18	0.69	0.38
REP 1077208	QC				1.33	13.08	20.29	67.1	108	19.0	11.2	446	2.96	20.0	0.9	0.3	4.2	41.6	0.18	0.71	0.35
1077216	Soil		240.0	1280	1.04	7.82	12.63	46.0	64	11.1	7.0	337	2.39	14.8	0.5	2.7	3.9	15.2	0.07	0.53	0.44
REP 1077216	QC				0.99	8.16	12.82	46.9	63	11.8	7.5	331	2.47	14.5	0.5	4.9	3.9	15.4	0.10	0.51	0.43
1077229	Soil		110.0	1120	2.36	41.67	34.31	89.7	549	32.9	11.4	278	3.14	38.6	0.6	4.3	4.1	28.0	0.46	1.42	0.53
REP 1077229	QC																				
1077233	Soil		630.0	1735	1.62	35.53	52.16	136.1	516	35.4	13.1	389	2.82	36.6	0.9	8.0	4.5	33.0	0.38	2.15	0.69
REP 1077233	QC				1.61	36.05	53.77	134.9	525	36.0	13.2	391	2.95	36.9	0.9	6.6	4.4	33.1	0.37	2.22	0.69
1077006	Soil		170.0	1255	0.94	20.58	6.76	67.5	61	59.3	21.3	509	4.25	3.8	0.4	0.9	1.4	97.4	0.12	0.26	0.14
REP 1077006	QC				0.98	20.02	6.63	72.1	63	59.2	21.1	504	4.21	4.0	0.4	1.3	1.3	95.6	0.14	0.26	0.13
1077024	Soil		150.0	1420	1.28	25.39	31.95	102.0	34	48.5	17.5	584	4.20	34.6	0.5	<0.2	3.7	44.0	0.17	1.28	0.46
REP 1077024	QC																				
1077028	Soil		145.0	595.0	0.30	41.22	4.39	49.3	67	133.0	18.1	105	2.34	2.9	3.9	0.8	2.9	111.0	0.20	0.39	0.05
REP 1077028	QC				0.34	42.36	4.40	51.2	77	131.1	18.6	105	2.49	2.7	3.8	1.4	3.0	123.4	0.20	0.41	0.10

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

QUALITY CONTROL REPORT WHI11000727.2

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	2	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
Pulp Duplicates																					
1076891	Soil	76	0.30	0.043	13.1	20.2	0.89	257.4	0.062	1	2.12	0.006	0.14	0.1	5.2	0.11	<0.02	24	0.2	<0.02	8.4
REP 1076891	QC																				
1076897	Soil	80	0.27	0.022	17.5	38.8	0.76	183.8	0.124	1	2.14	0.007	0.32	0.2	7.0	0.20	<0.02	16	<0.1	0.02	7.2
REP 1076897	QC	80	0.27	0.022	17.3	40.0	0.76	181.3	0.135	2	2.11	0.007	0.32	0.2	7.0	0.20	<0.02	27	<0.1	0.02	6.9
1076770 GS-1 STD	Soil	16	3.74	0.039	20.8	24.1	1.11	73.4	0.036	<1	1.27	0.022	0.22	0.1	2.2	0.10	0.04	16	0.2	<0.02	3.5
REP 1076770 GS-1 STD	QC	15	3.58	0.041	19.1	23.5	1.05	69.6	0.036	1	1.22	0.021	0.21	0.1	2.0	0.16	0.04	12	0.3	0.05	3.3
1076777	Soil	101	0.21	0.110	14.2	79.7	1.17	137.6	0.090	<1	2.96	0.002	0.20	0.3	5.0	0.36	0.02	24	0.9	0.16	9.8
REP 1076777	QC	98	0.20	0.106	13.3	81.8	1.14	131.4	0.087	2	2.87	0.002	0.19	0.2	5.0	0.34	0.02	28	0.7	0.19	9.7
1076784	Soil	78	0.58	0.067	13.6	101.2	2.48	73.5	0.056	<1	1.76	0.016	0.03	<0.1	4.2	0.02	<0.02	14	<0.1	<0.02	5.6
REP 1076784	QC	80	0.60	0.070	14.1	97.1	2.53	73.9	0.055	<1	1.74	0.016	0.03	<0.1	4.2	0.03	<0.02	21	0.1	<0.02	5.4
1076787	Soil	70	0.66	0.117	13.9	139.3	3.36	82.1	0.057	<1	1.58	0.025	0.03	<0.1	4.2	<0.02	<0.02	17	0.3	<0.02	4.7
REP 1076787	QC																				
1076793	Soil	78	0.42	0.086	11.6	98.1	2.01	102.4	0.101	1	2.61	0.005	0.06	0.4	3.6	0.06	<0.02	21	0.4	<0.02	7.2
REP 1076793	QC	78	0.44	0.086	11.8	102.2	2.03	101.6	0.103	1	2.60	0.005	0.06	0.3	3.7	0.06	<0.02	27	0.4	0.04	7.3
1077208	Soil	70	0.36	0.018	10.5	42.4	0.44	221.7	0.052	<1	1.59	0.009	0.21	0.2	4.2	0.10	<0.02	<5	<0.1	0.03	4.7
REP 1077208	QC	67	0.34	0.018	10.4	39.9	0.44	220.5	0.050	<1	1.60	0.008	0.21	0.2	4.2	0.10	<0.02	<5	<0.1	<0.02	5.0
1077216	Soil	49	0.18	0.024	8.8	23.9	0.34	131.4	0.046	<1	1.20	0.006	0.09	0.1	2.1	0.08	0.05	<5	<0.1	<0.02	4.6
REP 1077216	QC	48	0.18	0.023	8.8	24.8	0.33	127.5	0.049	1	1.17	0.006	0.09	0.2	2.1	0.09	0.05	15	<0.1	0.06	4.5
1077229	Soil	66	0.37	0.023	10.7	49.7	0.69	96.2	0.062	<1	1.94	0.007	0.09	0.1	3.6	0.12	<0.02	15	0.2	0.05	5.2
REP 1077229	QC																				
1077233	Soil	60	0.32	0.079	14.7	52.1	0.80	114.1	0.061	<1	1.62	0.008	0.08	0.2	4.1	0.15	<0.02	42	0.4	0.04	5.2
REP 1077233	QC	62	0.32	0.082	15.2	52.4	0.84	114.5	0.062	2	1.70	0.009	0.09	0.2	4.2	0.15	<0.02	50	0.4	0.05	5.4
1077006	Soil	106	0.57	0.046	7.6	78.7	1.86	195.3	0.095	1	3.14	0.011	0.05	<0.1	5.9	0.05	<0.02	9	0.1	0.03	8.5
REP 1077006	QC	106	0.57	0.042	7.5	75.7	1.86	187.0	0.095	<1	3.11	0.011	0.05	<0.1	5.8	0.05	<0.02	15	<0.1	0.02	8.6
1077024	Soil	88	0.30	0.045	9.0	62.7	1.21	153.7	0.058	<1	2.75	0.006	0.07	0.1	5.1	0.10	<0.02	6	0.1	0.03	8.0
REP 1077024	QC																				
1077028	Soil	77	1.22	0.126	15.2	171.5	1.65	172.3	0.034	2	1.69	0.013	0.05	<0.1	7.5	<0.02	0.06	44	0.6	<0.02	5.0
REP 1077028	QC	81	1.25	0.126	15.8	173.5	1.60	174.6	0.043	2	1.64	0.014	0.05	0.1	7.4	<0.02	0.06	48	0.5	<0.02	5.0

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

QUALITY CONTROL REPORT WHI11000727.2

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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																		
1076891	Soil	1.73	<0.1	0.05	1.23	19.2	1.2	<0.05	1.2	8.39	26.3	0.03	1	0.5	32.5	<10	<2	10.4
REP 1076891	QC																	10.2
1076897	Soil	1.92	<0.1	0.18	0.81	37.2	1.3	<0.05	6.6	8.18	53.1	0.04	<1	0.8	19.3	12	<2	6.6
REP 1076897	QC	2.02	<0.1	0.16	1.04	37.1	1.1	<0.05	6.7	8.19	52.1	0.04	<1	0.6	19.8	13	<2	
1076770 GS-1 STD	Soil	1.02	<0.1	0.03	0.65	14.6	0.6	<0.05	0.8	7.17	40.9	<0.02	2	0.3	29.7	<10	<2	8.8
REP 1076770 GS-1 STD	QC	0.99	<0.1	<0.02	0.66	14.4	0.6	<0.05	1.0	7.01	38.0	0.02	<1	0.4	27.4	<10	5	
1076777	Soil	8.67	<0.1	0.06	1.28	29.2	1.3	<0.05	2.6	6.10	32.2	0.06	<1	0.9	29.1	29	<2	12.3
REP 1076777	QC	8.25	<0.1	0.04	1.26	27.8	1.4	<0.05	2.7	5.91	29.5	0.06	<1	0.9	27.7	26	<2	
1076784	Soil	1.38	<0.1	0.07	0.36	4.8	1.2	<0.05	3.9	7.79	29.3	<0.02	5	0.5	11.5	<10	<2	11.7
REP 1076784	QC	1.38	<0.1	0.06	0.38	4.6	1.2	<0.05	4.0	8.06	29.5	<0.02	<1	0.8	11.4	<10	4	
1076787	Soil	1.05	0.1	0.08	0.34	4.1	1.0	<0.05	5.7	6.54	31.3	0.02	<1	0.6	9.5	<10	<2	10.4
REP 1076787	QC																	10.4
1076793	Soil	9.66	<0.1	0.08	1.77	7.7	0.8	<0.05	3.5	4.75	24.3	0.03	<1	2.0	29.6	<10	<2	11.8
REP 1076793	QC	9.85	<0.1	0.06	1.68	8.0	0.9	<0.05	3.3	4.72	25.1	0.04	<1	1.9	30.6	<10	<2	
1077208	Soil	2.01	<0.1	0.04	0.93	23.1	1.2	<0.05	1.9	4.96	22.9	0.03	<1	0.5	9.8	<10	<2	9.6
REP 1077208	QC	1.98	0.1	0.03	0.93	22.0	1.0	<0.05	1.6	4.99	22.5	0.02	<1	0.6	9.3	<10	<2	
1077216	Soil	1.91	<0.1	0.05	0.71	12.8	0.7	<0.05	2.2	3.52	17.7	<0.02	1	0.5	11.4	<10	<2	5.8
REP 1077216	QC	1.93	<0.1	0.06	0.73	13.1	0.7	<0.05	2.3	3.66	17.2	<0.02	<1	0.8	11.5	<10	<2	
1077229	Soil	1.59	<0.1	0.08	0.81	9.6	1.1	<0.05	3.7	4.03	22.5	0.02	<1	0.7	13.4	<10	<2	8.8
REP 1077229	QC																	8.8
1077233	Soil	2.88	<0.1	0.04	0.83	12.4	0.6	<0.05	2.0	6.37	28.9	0.03	<1	0.7	13.2	<10	<2	11.0
REP 1077233	QC	2.96	<0.1	0.04	0.87	12.7	0.6	<0.05	2.0	6.33	29.8	0.03	<1	0.4	14.2	<10	<2	
1077006	Soil	0.76	<0.1	0.04	0.72	8.8	0.9	<0.05	2.6	3.68	14.9	0.04	<1	0.7	14.2	<10	<2	13.3
REP 1077006	QC	0.74	<0.1	0.05	0.72	8.7	0.9	<0.05	2.6	3.77	15.2	0.03	<1	1.0	14.8	<10	<2	
1077024	Soil	2.47	<0.1	0.07	0.49	12.2	0.8	<0.05	3.8	3.57	16.8	0.05	<1	0.5	18.8	<10	<2	9.2
REP 1077024	QC																	9.1
1077028	Soil	0.56	<0.1	0.13	0.78	3.8	0.7	<0.05	4.1	10.68	28.9	0.03	<1	0.9	9.7	<10	2	I.S.
REP 1077028	QC	0.95	<0.1	0.13	0.71	4.4	0.8	<0.05	3.7	10.57	29.4	0.03	<1	0.8	9.1	<10	3	

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

QUALITY CONTROL REPORT WHI11000727.2

		WGHT Wgt kg 0.01	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
1077037	Soil		165.0	905.0	1.56	27.49	37.90	100.8	778	28.7	14.8	1581	2.88	26.9	1.4	6.0	2.2	58.9	0.45	1.21	0.35
REP 1077037	QC				1.62	28.67	36.59	105.1	747	29.0	14.6	1589	2.97	26.7	1.4	15.8	2.2	57.9	0.47	1.27	0.40
1076622	Soil		145.0	1315	0.78	10.95	12.10	47.5	50	12.7	7.2	451	2.20	5.7	1.1	3.4	13.0	20.7	0.06	0.42	0.16
REP 1076622	QC																				
1076631	Soil		190.0	1490	0.41	6.03	10.28	30.8	14	12.1	5.4	166	1.95	11.1	0.4	0.3	4.3	24.3	0.11	0.36	0.12
REP 1076631	QC				0.44	5.68	10.34	31.2	14	12.2	5.2	169	1.93	11.8	0.4	1.6	4.3	25.3	0.13	0.38	0.12
1076636	Soil		105.0	1105	0.43	30.68	9.79	58.8	83	42.8	15.9	517	3.22	8.7	1.2	6.4	3.3	180.4	0.12	0.33	0.12
REP 1076636	QC				0.44	31.48	9.60	59.8	73	43.2	16.1	519	3.24	8.3	1.2	0.9	3.4	183.1	0.09	0.32	0.11
1076664	Soil		410.0	1590	0.86	33.58	6.84	59.8	39	94.9	18.5	423	3.64	7.5	0.5	1.2	2.3	64.4	0.13	0.27	0.12
REP 1076664	QC				0.81	33.35	6.65	57.7	37	95.1	18.2	417	3.51	7.6	0.5	0.8	2.3	63.9	0.11	0.26	0.12
1076668	Soil		470.0	1520	0.99	38.81	9.28	54.9	71	43.9	12.4	262	3.28	8.3	0.9	0.9	3.4	55.5	0.09	0.26	0.14
REP 1076668	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard				12.52	112.1	113.7	311.3	1703	38.4	7.3	582	2.43	22.5	2.6	106.8	7.1	74.1	2.46	6.04	7.05
STD DS8	Standard				12.30	111.7	120.4	305.1	1675	37.9	7.4	564	2.37	23.1	2.8	103.8	6.9	72.4	2.52	6.00	6.80
STD DS8	Standard				12.52	108.1	122.4	321.2	1705	37.1	7.3	600	2.37	23.7	2.7	124.3	7.1	73.1	2.65	5.86	7.45
STD DS8	Standard				12.62	104.8	120.0	316.9	1729	37.3	7.0	602	2.40	23.9	2.8	108.8	6.9	73.1	2.44	5.47	7.28
STD DS8	Standard				13.02	117.6	110.7	305.0	1705	39.6	7.9	612	2.43	24.6	2.4	101.2	5.9	64.1	2.39	5.44	6.07
STD DS8	Standard				11.98	109.5	106.5	289.8	1592	37.5	7.5	564	2.25	23.1	2.3	90.5	5.6	59.8	2.16	5.20	5.93
STD DS8	Standard				12.60	111.7	108.4	308.0	1703	39.9	7.5	596	2.38	24.1	2.3	105.4	6.0	61.6	2.16	4.92	5.79
STD DS8	Standard				13.47	113.9	114.0	303.5	1735	40.0	8.4	618	2.51	24.0	2.6	106.3	6.8	65.3	2.24	5.00	5.90
STD DS8	Standard				11.71	106.9	108.9	290.5	1557	36.9	7.5	564	2.27	23.5	2.1	94.4	5.2	57.1	2.06	4.65	5.27
STD DS8	Standard				11.84	103.4	122.3	294.8	1626	35.6	6.7	564	2.40	24.3	2.5	99.8	6.4	57.0	2.09	4.75	5.88

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

QUALITY CONTROL REPORT WHI11000727.2

		1F30 V ppm 2	1F30 Ca % 0.01	1F30 P % 0.001	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 Tl 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
1077037	Soil	64	0.57	0.113	18.4	45.3	0.87	190.0	0.045	1	2.05	0.007	0.06	0.1	4.6	0.13	0.04	84	0.4	0.05	6.4
REP 1077037	QC	64	0.58	0.114	17.7	43.5	0.87	187.4	0.055	1	2.05	0.007	0.06	0.1	4.7	0.12	0.04	96	0.5	<0.02	6.6
1076622	Soil	48	0.20	0.017	23.6	22.3	0.47	174.7	0.080	<1	1.27	0.010	0.15	0.2	3.9	0.12	<0.02	16	0.3	<0.02	4.5
REP 1076622	QC																				
1076631	Soil	56	0.17	0.013	10.0	27.0	0.44	54.1	0.088	<1	0.83	0.007	0.07	0.2	1.6	0.04	<0.02	10	0.1	<0.02	4.0
REP 1076631	QC	57	0.17	0.013	10.1	27.4	0.46	56.1	0.088	<1	0.84	0.007	0.08	0.2	1.7	0.04	<0.02	11	0.2	<0.02	4.2
1076636	Soil	69	1.25	0.086	20.9	58.7	1.27	109.4	0.194	<1	2.71	0.012	0.11	0.2	7.1	0.04	<0.02	15	0.1	<0.02	9.0
REP 1076636	QC	71	1.27	0.085	20.5	59.3	1.26	108.5	0.197	1	2.79	0.012	0.12	0.2	7.2	0.03	<0.02	11	<0.1	0.03	8.9
1076664	Soil	77	0.48	0.058	11.0	114.7	2.15	147.3	0.087	<1	2.52	0.013	0.05	0.1	5.3	0.03	<0.02	15	0.1	0.02	7.2
REP 1076664	QC	74	0.45	0.056	10.3	112.7	2.08	145.5	0.085	<1	2.44	0.013	0.05	0.1	5.2	0.03	<0.02	14	0.1	<0.02	7.3
1076668	Soil	93	0.53	0.071	13.3	62.1	1.18	144.9	0.143	<1	1.78	0.011	0.04	0.3	3.8	0.05	<0.02	15	<0.1	0.02	7.3
REP 1076668	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard	39	0.69	0.077	14.8	113.5	0.57	265.7	0.121	3	0.94	0.114	0.43	3.0	2.3	4.98	0.16	190	5.0	4.58	4.3
STD DS8	Standard	40	0.69	0.076	14.6	109.5	0.57	254.4	0.119	3	0.96	0.117	0.43	2.9	2.2	5.00	0.16	187	4.9	4.62	4.4
STD DS8	Standard	40	0.68	0.079	14.5	113.4	0.58	230.6	0.112	2	0.93	0.109	0.43	2.7	2.2	5.21	0.16	211	5.3	4.98	4.5
STD DS8	Standard	41	0.70	0.078	15.0	115.5	0.59	247.3	0.121	3	0.96	0.118	0.44	2.6	2.3	5.11	0.16	193	5.4	4.95	4.6
STD DS8	Standard	35	0.68	0.081	14.8	121.4	0.59	258.4	0.128	3	0.90	0.084	0.40	2.7	2.2	4.90	0.15	179	4.7	4.91	4.3
STD DS8	Standard	33	0.63	0.071	13.3	113.7	0.55	232.7	0.116	2	0.82	0.078	0.37	2.6	2.1	4.64	0.14	181	4.7	4.45	4.0
STD DS8	Standard	41	0.69	0.076	14.2	123.4	0.58	257.1	0.120	3	0.89	0.089	0.40	2.8	2.0	5.21	0.16	204	4.9	4.95	4.3
STD DS8	Standard	43	0.74	0.078	15.2	126.2	0.62	261.7	0.129	<1	0.96	0.098	0.43	2.9	2.1	5.24	0.17	204	5.3	4.86	4.7
STD DS8	Standard	39	0.66	0.078	12.6	112.6	0.55	241.1	0.114	3	0.84	0.081	0.38	2.6	2.1	4.55	0.15	166	4.5	4.51	4.1
STD DS8	Standard	42	0.69	0.072	13.1	109.4	0.60	260.1	0.107	2	0.90	0.085	0.40	2.8	2.0	5.15	0.16	194	4.4	4.48	4.2

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

QUALITY CONTROL REPORT WHI11000727.2

		1F30 Cs ppm 0.02	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 LOI % 0.1
1077037	Soil	2.95	<0.1	0.03	0.78	7.9	0.6	<0.05	1.1	7.36	36.4	0.03	<1	0.8	17.0	11	<2	19.0
REP 1077037	QC	3.26	<0.1	0.02	0.73	8.6	0.6	<0.05	1.3	7.66	35.2	0.04	<1	0.6	16.4	<10	<2	
1076622	Soil	1.45	<0.1	0.10	0.95	17.2	1.0	<0.05	3.9	12.51	39.5	0.03	<1	0.5	14.0	<10	<2	5.7
REP 1076622	QC																	5.5
1076631	Soil	0.85	<0.1	0.06	1.03	9.6	0.6	<0.05	1.9	2.56	18.2	<0.02	<1	0.2	7.0	<10	<2	I.S.
REP 1076631	QC	0.90	<0.1	0.05	1.07	10.4	0.5	<0.05	2.0	2.72	18.3	0.02	<1	0.2	6.8	<10	<2	
1076636	Soil	2.91	<0.1	0.20	1.87	10.6	1.1	<0.05	11.6	13.69	37.8	0.04	<1	2.1	16.2	<10	<2	11.1
REP 1076636	QC	2.92	<0.1	0.19	1.83	10.6	1.0	<0.05	11.4	13.81	38.0	0.03	<1	1.7	15.5	<10	<2	
1076664	Soil	2.69	<0.1	0.05	0.85	7.3	0.8	<0.05	2.9	4.33	28.1	0.03	<1	0.7	24.9	<10	<2	10.9
REP 1076664	QC	2.57	<0.1	0.05	0.82	7.0	0.8	<0.05	2.8	4.26	26.5	0.04	<1	0.7	23.3	<10	<2	
1076668	Soil	3.74	<0.1	0.11	1.67	9.3	0.9	<0.05	6.1	6.03	24.1	0.02	<1	1.0	20.0	<10	<2	9.8
REP 1076668	QC																	9.9
Reference Materials																		
STD DOLOMITE-2	Standard																	46.1
STD DOLOMITE-2	Standard																	45.7
STD DOLOMITE-2	Standard																	45.8
STD DOLOMITE-2	Standard																	45.8
STD DOLOMITE-2	Standard																	46.0
STD DOLOMITE-2	Standard																	46.1
STD DS8	Standard	2.24	<0.1	0.08	1.18	37.1	7.0	<0.05	2.0	5.68	25.8	2.33	53	4.9	25.4	110	344	
STD DS8	Standard	2.17	<0.1	0.07	1.19	35.2	6.9	<0.05	2.0	5.75	24.3	2.21	58	5.4	24.4	110	326	
STD DS8	Standard	2.25	0.1	0.07	1.18	35.1	7.1	<0.05	2.0	5.18	24.2	2.41	47	4.4	26.5	106	339	
STD DS8	Standard	2.34	<0.1	0.08	1.23	34.9	7.3	<0.05	2.0	5.57	26.1	2.46	52	5.0	26.9	121	336	
STD DS8	Standard	2.27	<0.1	0.09	1.30	36.4	6.7	<0.05	2.0	5.87	25.3	2.18	50	4.1	27.6	103	315	
STD DS8	Standard	2.13	<0.1	0.08	1.16	33.1	6.3	<0.05	1.9	5.14	23.1	2.00	52	5.1	24.8	111	290	
STD DS8	Standard	2.34	0.1	0.07	1.29	36.9	6.3	<0.05	1.8	5.56	26.5	2.10	65	4.7	26.2	121	338	
STD DS8	Standard	2.48	<0.1	0.07	1.30	37.5	6.4	<0.05	1.8	6.04	28.8	2.13	55	5.2	26.5	120	341	
STD DS8	Standard	2.15	<0.1	0.07	1.23	33.9	5.5	<0.05	1.7	5.08	24.0	1.90	43	4.8	25.0	112	302	
STD DS8	Standard	2.21	<0.1	0.05	1.11	36.6	6.4	<0.05	1.6	5.24	25.0	2.02	65	5.2	25.6	112	317	

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

QUALITY CONTROL REPORT WHI11000727.2

		WGHT Wgt kg 0.01	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
STD DS8	Standard				11.72	105.3	115.5	292.6	1641	37.2	7.5	581	2.45	24.6	2.5	100.1	6.0	58.1	2.21	4.73	5.76
STD DS8	Standard				13.30	107.4	117.1	295.1	1749	34.3	7.3	628	2.49	24.3	2.6	109.1	6.5	67.7	2.18	5.51	6.68
STD DS8	Standard				12.98	112.8	131.8	318.9	1863	37.4	7.7	635	2.48	25.9	2.7	119.1	6.9	65.6	2.36	5.78	7.22
STD DS8	Standard				12.05	111.4	115.5	309.3	1718	36.2	7.0	569	2.45	23.0	2.6	104.9	6.2	62.4	2.38	5.24	6.45
STD DS8	Standard				12.09	107.6	123.0	305.7	1683	37.0	7.4	578	2.37	23.7	2.5	115.9	6.0	59.2	2.30	4.66	6.24
STD DS8	Standard				12.64	111.1	124.4	309.4	1717	38.2	7.7	619	2.46	23.7	2.7	107.2	6.9	60.3	2.17	4.87	6.19
STD DS8	Standard				12.23	113.5	120.5	309.4	1690	40.0	7.7	591	2.45	24.6	2.6	125.9	6.5	58.4	2.26	4.68	6.06
STD DOLOMITE-2 Expected																					
STD DS8 Expected					13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67
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	<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	<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	<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	<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	<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	<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	<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	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

QUALITY CONTROL REPORT WHI11000727.2

		1F30 V ppm 2	1F30 Ca % 0.01	1F30 P % 0.001	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 Tl 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
STD DS8	Standard	44	0.71	0.075	13.3	112.4	0.62	245.9	0.106	1	0.93	0.091	0.42	2.5	1.8	4.93	0.16	180	4.4	4.38	4.3
STD DS8	Standard	40	0.73	0.081	16.2	111.3	0.62	274.7	0.117	2	0.93	0.086	0.40	2.8	2.1	5.39	0.16	220	5.3	4.97	4.4
STD DS8	Standard	39	0.69	0.084	14.5	122.6	0.61	268.9	0.111	2	0.89	0.080	0.42	2.9	2.1	5.88	0.15	221	5.3	5.00	4.4
STD DS8	Standard	40	0.67	0.074	13.2	108.2	0.60	252.7	0.103	2	0.91	0.082	0.41	2.9	1.8	5.06	0.16	184	5.2	4.61	4.4
STD DS8	Standard	36	0.66	0.071	13.8	112.5	0.54	254.8	0.114	2	0.87	0.072	0.41	2.8	1.8	5.32	0.19	193	5.0	4.70	4.4
STD DS8	Standard	40	0.69	0.072	14.5	120.0	0.60	255.4	0.114	2	0.94	0.102	0.42	2.9	2.1	5.22	0.16	197	5.4	4.70	4.7
STD DS8	Standard	40	0.68	0.074	13.5	115.4	0.60	247.2	0.111	1	0.90	0.092	0.42	2.7	2.0	5.14	0.16	222	5.3	4.66	4.7
STD DOLOMITE-2 Expected																					
STD DS8 Expected		41.1	0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7
BLK	Blank	<2	<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
BLK	Blank	<2	<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
BLK	Blank	<2	<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
BLK	Blank	<2	<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
BLK	Blank	<2	<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
BLK	Blank	<2	<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
BLK	Blank	<2	<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
BLK	Blank	<2	<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
BLK	Blank	<2	<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

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 28, 2011

QUALITY CONTROL REPORT WHI11000727.2

		1F30 Cs ppm 0.02	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 LOI % 0.1
STD DS8	Standard	2.21	<0.1	0.06	1.06	35.9	6.4	<0.05	1.5	4.98	24.4	1.93	47	4.9	23.7	98	310	
STD DS8	Standard	2.34	<0.1	0.10	1.47	37.4	6.9	<0.05	2.3	6.43	30.1	2.16	54	5.1	26.7	130	335	
STD DS8	Standard	2.45	<0.1	0.05	1.35	39.6	7.2	<0.05	2.2	5.70	27.5	2.34	67	5.2	28.2	132	375	
STD DS8	Standard	2.30	0.1	0.08	1.11	36.2	6.5	<0.05	2.0	5.35	24.8	2.07	58	5.3	25.1	113	346	
STD DS8	Standard	2.28	0.1	0.06	1.08	36.4	6.7	<0.05	1.9	5.44	25.0	1.99	64	5.4	22.5	103	338	
STD DS8	Standard	2.32	<0.1	0.07	1.16	35.3	6.3	<0.05	1.8	5.48	27.2	2.11	55	5.2	24.8	102	321	
STD DS8	Standard	2.36	<0.1	0.07	1.08	36.0	6.5	<0.05	1.9	5.33	25.0	2.06	57	4.7	23.8	98	311	
STD DOLOMITE-2 Expected																		46
STD DS8 Expected		2.48	0.13	0.08	1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339	
BLK	Blank	<0.02	<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	<0.02	<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	<0.02	<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	<0.02	<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	<0.02	<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	<0.02	<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	<0.02	<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	<0.02	<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	<0.02	<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	

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Andrea Langerud
Receiving Lab: Canada-Whitehorse
Received: August 03, 2011
Report Date: May 15, 2012
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000822.3

CLIENT JOB INFORMATION

Project: 210700
Shipment ID: YTG_009
P.O. Number
Number of Samples: 320

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	309	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	303	Dry at 60C			WHI
RJSV	303	Saving all or part of Soil Reject			WHI
1F06	318	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
2A05	318	Loss on Ignition at 1000 C		Completed	VAN

ADDITIONAL COMMENTS

Version 3: Revised sample type from silt to soil for samples 1076681-1076684 & 1075513-1075520

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

CC: Randy Farmer
Rupa Mukherjee

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1075501	Soil	204.0	1417	0.70	37.05	7.32	53.5	54	172.1	26.2	428	3.71	11.2	1.1	3.0	4.8	56.1	0.21	0.50	0.14	82
1075502	Soil	78.00	1425	0.70	38.14	6.52	54.3	62	181.6	26.6	418	3.87	7.2	0.9	1.6	2.9	56.8	0.71	0.33	0.11	94
1075503	Soil	328.0	1269	1.61	20.96	15.77	63.0	90	21.6	9.7	421	3.33	10.7	1.6	2.0	12.5	17.9	0.29	0.53	0.38	71
1075504	Soil	178.0	1552	0.87	33.72	6.93	52.7	37	172.8	28.4	573	3.92	22.6	1.6	1.4	7.4	50.6	0.04	0.81	0.12	82
1075505	Soil	176.0	1464	1.07	11.76	30.26	45.4	21	6.6	9.0	1063	2.02	10.5	2.4	0.2	13.7	41.7	0.15	0.28	0.40	25
1075506	Soil	361.0	1309	1.57	20.81	11.75	72.8	41	37.8	13.5	454	3.80	11.4	0.9	2.3	7.2	15.4	0.17	0.57	0.21	68
1075507	Soil	228.0	1512	0.74	33.88	5.91	56.8	23	213.7	28.1	496	3.89	12.8	1.4	1.2	6.7	62.0	0.04	0.22	0.09	76
1075508	Soil	432.0	1882	2.40	20.53	20.74	59.6	22	48.7	11.5	758	3.02	25.7	4.9	1.5	14.9	29.7	0.11	0.71	0.21	42
1075509	Soil	135.0	1328	0.56	44.35	8.21	49.9	82	178.1	26.1	850	3.37	7.6	1.6	3.9	3.7	82.4	0.14	0.31	0.11	78
1075510 GS-1	Soil		N.A.	0.56	22.69	13.73	59.0	152	29.9	11.5	197	3.22	9.8	2.3	2.2	7.7	50.7	0.10	0.50	0.19	49
1077043	Soil	154.0	1537	0.60	34.60	5.79	53.3	98	211.3	25.3	335	3.49	3.4	1.1	0.8	1.6	79.1	0.09	0.12	0.09	71
1077044	Soil	229.0	1872	0.75	15.63	13.32	55.4	45	28.1	11.3	492	2.83	6.9	0.8	1.0	5.6	66.2	0.06	0.37	0.20	47
1077045	Soil	278.0	1642	0.77	22.36	23.02	53.1	79	25.5	12.1	648	2.51	14.9	1.5	1.3	6.7	38.8	0.12	0.53	0.21	35
1077046	Soil	356.0	1363	0.84	33.93	11.86	85.2	105	45.8	14.2	198	2.76	29.2	0.5	2.2	4.2	28.4	1.07	1.59	0.18	57
1077047	Soil	242.0	950.0	0.72	20.85	12.60	72.6	72	32.4	12.3	224	3.20	14.9	0.8	1.0	5.1	36.9	0.27	0.76	0.15	60
1077048	Soil	269.0	1295	0.66	19.83	19.96	67.4	91	29.6	13.5	563	2.66	8.2	1.3	2.1	8.7	30.4	0.12	0.48	0.24	45
1077049	Soil	143.0	1234	1.78	24.73	65.02	63.3	48	21.4	10.0	450	4.11	10.6	0.7	1.7	7.1	10.4	0.13	0.58	0.35	72
1077050 Agi Dagi B	Soil		N.A.	2.74	8.67	24.21	17.4	19	10.3	3.4	93	3.45	59.6	0.8	111.3	4.3	30.7	0.03	0.86	1.86	55
1077177	Soil	436.0	1417	1.22	44.70	20.05	98.2	168	42.9	11.3	378	2.58	19.9	1.0	2.0	4.4	44.5	0.90	1.05	0.20	45
1077178	Soil	401.0	1577	0.84	33.12	9.92	69.0	120	47.3	12.6	390	2.45	13.4	0.5	2.9	2.7	89.5	0.75	0.87	0.17	54
1077179	Soil	216.0	890.0	1.27	30.12	44.47	63.6	152	30.6	9.4	270	2.70	9.7	0.8	2.5	2.1	39.0	0.30	0.56	0.55	70
1077180	Soil	89.00	1856	1.05	23.89	30.02	77.4	75	27.2	14.0	765	2.33	7.5	0.7	1.3	1.4	33.3	0.25	0.49	0.27	54
1077181	Soil	435.0	1795	0.84	39.47	13.35	70.3	133	42.4	15.6	308	3.07	8.0	1.5	1.7	5.4	21.8	0.13	0.83	0.20	63
1077182	Soil	408.0	1705	0.83	31.25	12.70	77.2	116	39.0	14.2	315	3.00	6.6	1.1	1.6	5.5	20.3	0.14	0.75	0.19	60
1077183	Soil	287.0	1697	0.74	12.23	23.47	91.2	256	16.4	10.9	287	2.82	14.4	0.7	2.8	4.0	20.3	0.19	1.30	0.17	50
1077184	Soil	304.0	1409	0.62	14.58	29.08	136.9	148	15.6	10.8	316	3.37	32.5	1.0	3.3	3.4	21.6	0.22	0.87	0.18	59
1077185	Soil	170.0	1378	1.46	27.73	34.71	117.0	201	18.6	17.8	1513	3.30	27.6	0.7	16.9	1.6	31.3	0.35	1.55	0.27	63
1077186	Soil	338.0	1536	0.70	25.32	26.03	114.8	203	18.3	9.1	368	2.56	13.9	1.1	2.4	2.0	23.8	0.21	1.26	0.29	54
1077187	Soil	376.0	1610	2.39	34.84	27.43	94.3	178	19.1	14.5	660	3.62	12.0	1.3	3.3	2.1	26.3	0.27	1.24	0.29	65
1077188	Soil	280.0	1412	1.83	22.08	20.74	107.8	152	22.3	16.0	1041	3.23	8.8	1.1	3.2	2.9	32.9	0.20	0.51	0.24	71

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1075501	Soil	0.53	0.070	13.6	152.3	2.97	243.5	0.083	3	2.50	0.013	0.07	0.1	4.8	0.16	<0.02	13	0.1	0.03	6.7	5.52
1075502	Soil	0.56	0.066	11.0	150.2	3.34	211.6	0.114	2	2.52	0.014	0.07	0.1	5.0	0.08	<0.02	17	0.1	0.05	7.6	5.17
1075503	Soil	0.13	0.050	18.5	40.9	0.48	142.7	0.067	2	2.24	0.005	0.09	0.1	4.5	0.24	<0.02	25	0.2	0.04	7.3	5.92
1075504	Soil	0.46	0.106	18.3	164.7	1.99	176.5	0.088	2	1.87	0.014	0.05	<0.1	6.7	0.26	<0.02	30	0.2	<0.02	6.0	3.24
1075505	Soil	0.02	0.055	27.2	8.6	0.05	34.4	0.002	1	0.88	0.004	0.05	<0.1	2.3	1.13	<0.02	96	0.1	<0.02	3.1	6.40
1075506	Soil	0.14	0.064	10.6	58.9	0.59	137.1	0.082	2	3.24	0.005	0.08	0.1	3.8	0.23	<0.02	30	0.5	0.06	6.4	3.86
1075507	Soil	0.63	0.131	15.8	193.8	2.63	169.2	0.053	2	1.85	0.019	0.06	<0.1	5.8	0.28	<0.02	22	0.1	<0.02	5.2	3.37
1075508	Soil	0.25	0.051	20.6	37.9	0.51	156.6	0.022	<1	0.98	0.006	0.07	0.1	3.6	0.27	<0.02	42	0.2	0.04	3.3	3.01
1075509	Soil	0.85	0.097	21.9	145.6	2.73	123.7	0.073	<1	2.08	0.023	0.12	0.2	6.8	0.07	0.02	37	0.5	0.03	6.2	4.55
1075510 GS-1	Soil	0.42	0.075	30.5	51.5	0.84	168.6	0.013	<1	2.01	0.006	0.08	0.1	4.5	0.11	<0.02	34	0.4	0.02	6.5	2.19
1077043	Soil	0.77	0.086	14.7	122.7	3.55	137.6	0.093	<1	2.30	0.018	0.06	0.1	5.1	0.04	<0.02	35	0.2	<0.02	6.9	4.60
1077044	Soil	0.45	0.047	20.6	49.7	0.78	248.2	0.032	<1	1.69	0.007	0.09	0.1	3.7	0.10	<0.02	17	0.1	0.02	6.1	2.06
1077045	Soil	0.38	0.058	23.5	36.6	0.46	241.2	0.009	<1	1.31	0.004	0.09	0.2	3.6	0.19	<0.02	36	0.1	0.04	4.0	3.19
1077046	Soil	1.35	0.133	18.3	54.2	0.71	139.2	0.048	3	1.56	0.014	0.06	0.3	4.7	0.08	0.03	43	0.4	0.05	4.9	1.21
1077047	Soil	1.18	0.145	24.4	50.8	0.87	138.6	0.118	1	1.77	0.012	0.05	0.2	4.5	0.08	0.03	36	0.4	0.03	6.9	1.42
1077048	Soil	0.60	0.062	24.1	41.2	0.62	202.6	0.032	1	1.70	0.009	0.08	0.2	4.1	0.15	<0.02	37	0.1	0.03	5.7	2.27
1077049	Soil	0.09	0.047	29.0	38.7	0.48	113.5	0.020	<1	2.00	0.002	0.07	0.1	2.6	0.15	<0.02	18	0.2	0.06	9.5	3.53
1077050 Agi Dagi B	Soil	0.04	0.019	7.8	21.4	0.13	62.5	0.021	2	0.89	0.001	0.05	0.1	2.0	0.09	<0.02	34	2.0	0.35	8.1	0.75
1077177	Soil	1.90	0.134	30.6	43.4	0.69	190.7	0.040	3	1.55	0.013	0.08	0.2	4.5	0.08	0.05	57	0.7	0.06	5.1	2.29
1077178	Soil	6.16	0.159	19.8	54.6	0.88	130.4	0.133	3	1.84	0.021	0.06	0.2	4.0	0.05	<0.02	41	0.4	0.02	6.4	1.51
1077179	Soil	0.28	0.088	10.8	72.2	0.68	79.4	0.090	<1	1.63	0.007	0.05	0.2	2.3	0.08	<0.02	26	0.2	0.06	7.3	4.79
1077180	Soil	0.22	0.110	9.1	62.6	0.78	89.4	0.054	<1	1.24	0.009	0.06	0.2	1.9	0.06	0.03	12	0.1	0.05	6.2	3.73
1077181	Soil	0.31	0.062	19.1	66.6	1.01	197.4	0.056	<1	2.04	0.008	0.07	0.2	5.6	0.11	<0.02	40	0.3	0.05	6.6	2.62
1077182	Soil	0.31	0.061	16.2	61.5	1.07	185.7	0.058	<1	2.01	0.008	0.07	0.1	5.0	0.10	<0.02	32	0.2	0.06	6.9	2.22
1077183	Soil	0.34	0.049	13.8	28.5	0.87	164.6	0.019	<1	1.77	0.005	0.07	0.1	3.5	0.11	<0.02	40	0.2	0.04	6.3	2.64
1077184	Soil	0.51	0.065	15.2	28.9	0.98	169.5	0.021	<1	1.93	0.006	0.06	0.1	4.5	0.09	0.03	33	0.2	0.05	6.3	2.15
1077185	Soil	0.55	0.068	10.8	36.3	0.88	266.1	0.026	1	1.76	0.006	0.07	0.1	4.0	0.11	0.05	31	0.4	0.15	6.3	2.75
1077186	Soil	0.29	0.070	13.4	32.5	0.74	225.7	0.023	<1	1.78	0.005	0.06	0.1	3.6	0.10	0.04	55	0.4	0.10	5.9	2.55
1077187	Soil	0.28	0.084	14.3	36.1	0.69	180.8	0.022	<1	1.77	0.004	0.05	0.2	3.4	0.08	0.04	30	0.7	0.13	5.7	2.07
1077188	Soil	0.46	0.078	12.4	42.1	0.81	211.1	0.023	<1	1.82	0.005	0.05	0.1	3.5	0.09	0.03	36	0.6	0.06	6.1	2.02

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

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
1075501	Soil	<0.1	0.11	0.52	11.0	0.9	<0.05	5.2	5.34	28.1	0.05	<1	0.9	18.1	<10	<2	12.3
1075502	Soil	<0.1	0.10	0.62	7.9	1.0	<0.05	4.2	4.88	23.6	0.03	<1	0.4	17.5	<10	3	14.5
1075503	Soil	<0.1	0.08	0.87	22.7	1.1	<0.05	4.4	7.35	37.9	0.04	<1	0.7	12.6	<10	<2	9.1
1075504	Soil	<0.1	0.13	0.26	9.2	1.0	<0.05	5.1	9.93	33.9	0.03	<1	0.8	19.9	<10	<2	10.6
1075505	Soil	<0.1	<0.02	0.12	16.3	1.2	<0.05	0.3	9.81	49.3	0.04	<1	0.6	2.8	<10	<2	9.3
1075506	Soil	<0.1	0.15	1.55	14.5	0.8	<0.05	7.0	3.87	22.0	0.04	<1	1.0	17.5	<10	<2	13.6
1075507	Soil	<0.1	0.05	0.21	11.5	1.1	<0.05	3.0	8.26	32.6	0.03	<1	0.9	16.9	<10	<2	11.7
1075508	Soil	<0.1	0.02	0.42	12.5	1.3	<0.05	1.8	11.83	36.2	0.02	<1	1.5	9.8	<10	<2	6.9
1075509	Soil	<0.1	0.18	0.83	17.9	1.0	<0.05	8.2	10.35	36.0	0.03	<1	1.1	20.8	<10	<2	17.6
1075510 GS-1	Soil	<0.1	0.03	0.76	13.3	0.5	<0.05	1.6	11.26	54.9	0.03	<1	1.0	19.2	<10	<2	11.7
1077043	Soil	<0.1	0.05	1.01	6.7	1.0	<0.05	3.4	6.75	27.8	<0.02	<1	0.7	16.7	<10	<2	20.0
1077044	Soil	<0.1	0.03	0.68	10.5	0.6	<0.05	1.3	5.27	38.3	0.03	<1	0.4	16.3	<10	<2	9.4
1077045	Soil	<0.1	0.03	0.43	11.3	0.5	<0.05	1.0	9.75	46.2	0.03	<1	0.8	10.1	<10	<2	9.1
1077046	Soil	<0.1	0.07	1.07	7.6	0.5	<0.05	4.4	17.67	31.9	0.02	<1	0.7	13.3	<10	<2	14.7
1077047	Soil	<0.1	0.13	2.65	7.0	0.8	<0.05	6.0	13.45	45.8	0.02	<1	0.4	17.0	<10	<2	14.3
1077048	Soil	<0.1	0.05	0.86	13.0	0.9	<0.05	2.1	8.96	48.6	0.02	<1	0.7	15.6	<10	<2	9.8
1077049	Soil	<0.1	<0.02	1.25	17.7	1.1	<0.05	0.7	4.64	57.4	0.04	<1	0.6	18.9	<10	<2	12.7
1077050 Agi Dagi B	Soil	<0.1	0.13	0.44	8.7	0.5	<0.05	7.0	2.54	15.5	0.02	<1	0.2	5.2	<10	<2	10.6
1077177	Soil	<0.1	0.05	1.44	9.5	0.6	<0.05	2.8	25.78	51.6	0.03	<1	0.8	16.3	<10	<2	22.4
1077178	Soil	<0.1	0.11	2.08	6.7	0.7	<0.05	4.6	14.66	34.1	0.03	<1	0.4	13.2	<10	<2	15.5
1077179	Soil	<0.1	0.04	1.23	8.7	0.7	<0.05	2.0	3.90	20.2	0.02	<1	0.5	17.0	<10	<2	10.1
1077180	Soil	<0.1	0.02	0.74	11.0	0.5	<0.05	1.2	3.27	17.2	<0.02	<1	0.2	11.2	<10	<2	10.1
1077181	Soil	<0.1	0.06	0.84	12.7	0.6	<0.05	2.6	9.90	36.2	0.03	<1	0.6	17.5	<10	<2	9.1
1077182	Soil	<0.1	0.05	0.72	12.0	0.7	<0.05	2.8	6.62	31.0	0.03	<1	0.2	17.9	<10	<2	8.0
1077183	Soil	<0.1	0.03	0.52	12.0	0.6	<0.05	0.8	3.75	25.2	0.03	<1	0.3	15.5	<10	<2	9.4
1077184	Soil	<0.1	0.02	0.65	8.0	0.5	<0.05	1.2	6.87	28.8	0.05	<1	0.3	16.2	11	<2	12.4
1077185	Soil	<0.1	<0.02	0.51	9.0	0.7	<0.05	0.7	4.56	22.0	0.03	<1	0.6	14.3	<10	<2	15.9
1077186	Soil	<0.1	<0.02	0.61	8.7	0.5	<0.05	0.6	6.46	24.8	0.04	<1	0.5	14.3	<10	<2	14.1
1077187	Soil	<0.1	<0.02	0.70	7.6	0.5	<0.05	0.7	6.66	25.9	0.04	<1	0.6	12.3	<10	<2	19.1
1077188	Soil	<0.1	0.02	0.62	7.5	0.4	<0.05	1.1	5.09	23.6	0.02	<1	0.7	15.3	<10	<2	14.2

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

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
1077189	Soil	382.0	1114	1.08	74.98	18.75	91.4	181	26.3	13.1	287	2.75	5.1	2.5	4.3	6.0	21.1	0.37	0.56	0.26	58
1077190 GS-1	Soil		N.A.	0.65	21.71	8.31	48.0	29	25.9	11.7	415	2.62	4.1	1.4	0.5	6.7	84.8	0.04	0.18	0.19	14
1077191	Soil	338.0	1643	0.91	34.93	17.87	92.5	126	21.5	11.2	253	3.25	8.6	0.9	2.9	4.3	41.0	0.40	0.89	0.25	63
1077192	Soil	473.0	1756	0.90	23.33	19.27	96.9	128	18.8	15.0	622	2.91	5.7	0.6	2.6	2.4	29.3	0.15	0.46	0.48	68
1077193	Soil	372.0	1536	0.68	19.01	29.52	104.7	133	19.4	13.6	680	2.80	6.3	1.0	3.0	2.5	36.3	0.26	0.50	0.44	62
1075071	Soil	101.0	1230	2.41	49.72	37.70	148.3	238	19.6	12.9	745	2.72	7.4	0.6	2.8	2.1	32.8	0.52	0.42	0.44	59
1075072	Soil	172.0	1701	1.42	21.90	40.66	91.1	150	12.6	21.1	2226	3.05	8.4	0.4	7.1	1.0	22.2	0.22	0.53	0.37	66
1075073	Soil	262.0	2005	1.15	22.27	24.53	93.1	154	14.1	12.8	971	2.68	11.7	0.5	7.3	1.3	24.2	0.22	0.63	0.27	63
1075074	Soil	219.0	1383	1.05	16.96	19.92	87.5	190	15.5	12.2	744	2.91	8.2	0.3	2.8	1.4	18.7	0.19	0.49	0.22	70
1075075	Soil	561.0	1582	0.47	21.93	14.56	77.0	138	15.9	9.5	349	2.46	5.0	0.4	4.1	1.3	17.9	0.13	0.38	0.16	60
1075076	Soil	428.0	1075	0.72	15.15	8.97	86.1	110	15.1	10.5	542	2.83	4.9	0.4	11.9	1.8	25.0	0.12	0.33	0.12	65
1075077	Soil	110.0	1015	0.39	29.42	12.42	57.1	253	12.7	7.2	527	1.81	2.9	0.9	1.6	0.6	48.5	0.36	0.34	0.11	43
1075078	Soil	250.0	1013	0.83	14.13	11.54	85.1	31	14.9	15.4	1257	2.66	4.7	0.3	2.0	1.5	22.4	0.14	0.38	0.14	67
1075079	Soil	390.0	1153	0.30	11.24	11.68	49.0	80	11.7	6.2	204	1.71	2.3	0.5	2.2	1.2	19.9	0.12	0.26	0.13	47
1075080	Soil	198.0	1209	0.18	10.25	14.87	59.5	76	13.8	7.0	277	1.77	2.4	0.7	2.7	1.4	26.4	0.13	0.33	0.13	42
1075601	Soil	418.0	1309	1.26	20.22	35.50	108.2	720	14.1	8.6	331	2.17	39.6	0.5	2.0	0.9	20.6	0.27	0.76	0.14	53
1075602	Soil	408.0	1009	0.96	23.15	44.66	109.2	939	15.0	7.5	269	2.01	32.8	0.5	2.9	1.0	21.8	0.27	0.76	0.15	48
1075603	Soil	314.0	1341	1.14	17.62	25.21	97.9	280	13.1	8.6	363	1.80	16.3	0.4	2.4	1.3	26.9	0.24	0.59	0.13	44
1075604	Soil	134.0	1496	0.93	21.93	22.71	64.7	437	11.4	4.1	200	1.33	11.5	0.5	1.3	0.3	20.8	0.66	0.46	0.11	32
1075605	Soil	261.0	1276	0.93	17.87	36.04	148.6	518	15.8	9.2	249	1.74	12.2	0.5	1.6	1.0	26.9	0.73	0.57	0.15	41
1075606	Soil	320.0	1458	1.25	22.04	35.89	119.5	357	15.8	8.1	259	1.70	13.9	0.6	1.7	1.1	23.4	0.55	0.65	0.12	41
1075607	Soil	54.00	768.0	0.91	17.54	18.72	92.8	450	13.9	5.8	140	1.42	7.8	0.5	1.1	0.5	22.5	0.30	0.43	0.09	33
1075608	Soil	102.0	1332	1.27	19.80	18.28	80.2	257	15.3	10.0	306	2.13	16.6	0.4	4.1	1.2	29.6	0.44	0.56	0.11	54
1075609	Soil	229.0	1574	1.19	27.61	27.84	105.3	142	24.7	15.5	426	3.14	26.4	0.3	2.6	2.0	33.8	0.40	0.87	0.12	74
1075610 GS-1	Soil		N.A.	0.71	22.69	8.66	52.9	33	27.8	12.1	443	2.84	4.8	1.2	0.6	6.6	81.1	0.06	0.17	0.20	14
1076685	Soil	100.00	1362	0.79	33.82	3.92	63.7	42	350.4	39.1	983	4.08	3.9	0.4	0.3	1.4	37.7	0.09	0.08	0.05	49
1076686	Soil	98.00	1393	1.11	19.42	5.56	27.7	51	19.5	9.2	383	2.61	7.6	0.5	<0.2	1.6	21.2	0.13	0.27	0.11	65
1076687	Soil	211.0	1603	0.27	41.81	4.40	62.8	87	338.1	46.9	735	4.85	6.7	1.0	1.8	2.6	71.5	0.22	0.18	0.06	78
1076688	Soil	79.00	1614	0.66	31.19	6.34	57.7	52	218.1	30.8	555	3.77	3.4	0.5	1.3	1.9	47.4	0.11	0.12	0.07	65
1076689	Soil	240.0	1571	0.30	58.66	4.27	102.5	76	407.4	55.9	1459	5.96	1.7	0.4	2.0	1.4	72.0	0.14	0.05	0.04	106

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1077189	Soil	0.24	0.045	26.6	41.9	0.89	177.7	0.045	<1	2.12	0.007	0.07	0.1	6.3	0.09	0.03	60	1.0	0.06	6.4	2.22
1077190 GS-1	Soil	3.58	0.040	17.5	21.8	0.99	65.1	0.032	2	1.18	0.017	0.19	0.1	1.8	0.09	0.03	11	0.2	<0.02	3.4	0.91
1077191	Soil	0.38	0.055	15.6	33.7	0.79	195.3	0.058	<1	1.90	0.008	0.06	0.1	4.6	0.09	<0.02	27	0.4	0.07	6.2	1.75
1077192	Soil	0.37	0.071	10.1	33.1	0.94	214.8	0.059	2	1.98	0.010	0.07	0.1	4.5	0.11	0.03	33	0.2	0.08	6.6	2.35
1077193	Soil	0.48	0.091	13.4	34.0	0.82	189.5	0.045	<1	2.00	0.010	0.06	0.1	4.4	0.11	0.03	37	0.2	0.11	6.6	3.12
1075071	Soil	0.24	0.039	12.3	31.4	0.59	167.7	0.050	<1	1.53	0.010	0.08	0.1	3.0	0.08	0.04	36	0.3	0.15	6.4	3.50
1075072	Soil	0.32	0.064	7.8	26.9	0.64	133.0	0.038	2	1.55	0.006	0.06	0.2	2.9	0.10	0.04	27	0.3	0.11	5.9	3.05
1075073	Soil	0.33	0.077	8.3	25.2	0.67	171.3	0.047	1	1.50	0.009	0.07	0.2	3.2	0.09	0.03	20	0.2	0.11	5.6	4.28
1075074	Soil	0.29	0.066	7.0	30.4	0.78	152.5	0.048	2	1.76	0.005	0.07	0.1	3.6	0.09	<0.02	26	0.2	0.06	6.6	3.02
1075075	Soil	0.29	0.060	7.1	31.8	0.87	146.2	0.059	1	1.92	0.006	0.07	0.1	4.3	0.11	0.03	60	0.3	0.07	6.7	2.34
1075076	Soil	0.42	0.091	9.0	28.2	0.89	147.9	0.058	2	1.90	0.007	0.07	0.1	4.0	0.08	<0.02	34	0.2	0.03	6.3	2.11
1075077	Soil	0.91	0.087	14.5	23.3	0.53	187.8	0.032	2	1.51	0.012	0.06	<0.1	3.6	0.10	0.06	56	0.3	0.03	5.3	3.73
1075078	Soil	0.29	0.055	7.3	28.3	0.76	98.4	0.084	1	1.49	0.007	0.07	0.2	3.4	0.06	<0.02	18	0.2	0.03	6.2	1.86
1075079	Soil	0.23	0.040	9.3	25.2	0.49	121.3	0.047	1	1.58	0.008	0.05	0.1	3.1	0.10	0.02	37	0.2	0.02	6.1	2.09
1075080	Soil	0.35	0.071	12.3	28.7	0.58	153.8	0.037	<1	1.83	0.009	0.06	0.1	4.3	0.14	0.03	61	0.3	0.04	6.2	3.43
1075601	Soil	0.27	0.060	7.1	28.4	0.65	91.0	0.062	1	1.80	0.007	0.06	0.1	3.0	0.12	0.03	42	0.4	0.03	5.8	2.43
1075602	Soil	0.28	0.066	7.8	31.9	0.68	97.2	0.062	1	1.91	0.006	0.06	0.2	3.3	0.14	0.04	60	0.4	0.02	5.9	2.82
1075603	Soil	0.35	0.059	7.1	23.5	0.57	97.7	0.068	1	1.40	0.010	0.05	0.2	2.7	0.09	<0.02	22	0.2	0.02	4.5	2.00
1075604	Soil	0.36	0.058	5.7	24.4	0.37	78.7	0.046	<1	0.99	0.012	0.04	<0.1	1.7	0.06	0.03	33	0.4	0.02	4.3	1.81
1075605	Soil	0.42	0.057	7.6	29.6	0.58	117.8	0.065	1	1.63	0.011	0.06	0.1	3.1	0.10	0.03	39	0.3	<0.02	5.6	2.79
1075606	Soil	0.34	0.054	7.9	26.9	0.51	120.9	0.060	<1	1.40	0.012	0.05	0.2	2.8	0.08	0.02	38	0.4	0.03	4.7	2.02
1075607	Soil	0.33	0.031	5.5	21.6	0.40	99.7	0.046	<1	1.43	0.020	0.05	<0.1	2.1	0.08	<0.02	35	0.5	0.04	4.5	2.55
1075608	Soil	0.38	0.038	6.7	24.5	0.56	122.6	0.073	1	1.70	0.012	0.08	0.1	2.6	0.07	<0.02	23	0.3	0.02	5.5	2.40
1075609	Soil	0.42	0.034	6.8	36.8	0.81	151.1	0.088	2	2.45	0.009	0.06	0.2	3.5	0.09	<0.02	9	0.3	0.07	6.5	2.52
1075610 GS-1	Soil	4.08	0.044	18.8	22.6	1.11	75.8	0.032	<1	1.21	0.020	0.21	0.1	2.2	0.11	0.03	6	0.4	0.05	3.7	1.10
1076685	Soil	0.44	0.076	8.1	169.6	3.90	80.8	0.053	3	1.75	0.017	0.04	0.2	4.3	0.06	<0.02	20	0.3	<0.02	4.6	1.31
1076686	Soil	0.19	0.121	9.8	25.4	0.29	111.8	0.050	<1	1.92	0.004	0.05	<0.1	2.7	<0.02	0.03	29	0.5	<0.02	5.6	1.05
1076687	Soil	0.73	0.101	12.1	134.5	2.64	110.3	0.060	2	1.46	0.016	0.05	0.1	6.6	0.05	0.03	36	0.5	0.03	4.0	1.52
1076688	Soil	0.63	0.072	10.4	128.7	3.39	120.3	0.070	1	2.27	0.009	0.06	0.1	5.3	0.05	<0.02	17	0.2	0.02	6.5	1.35
1076689	Soil	0.90	0.087	11.5	332.0	3.25	99.5	0.046	<1	2.28	0.021	0.05	<0.1	14.9	<0.02	<0.02	15	0.4	0.03	5.9	0.43

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1077189	Soil	<0.1	0.04	1.01	8.9	0.8	<0.05	2.7	18.45	46.2	0.03	<1	0.9	14.5	<10	<2	12.0
1077190 GS-1	Soil	<0.1	<0.02	0.63	14.2	0.6	<0.05	1.0	7.16	34.0	<0.02	<1	0.4	24.4	<10	<2	8.5
1077191	Soil	<0.1	0.07	0.95	7.5	0.5	<0.05	3.5	10.34	31.5	0.03	<1	0.4	11.9	<10	<2	8.0
1077192	Soil	<0.1	<0.02	0.75	8.9	0.8	<0.05	0.9	5.44	19.5	0.03	<1	0.2	14.1	<10	<2	10.1
1077193	Soil	<0.1	<0.02	0.65	9.7	0.5	<0.05	1.0	6.89	26.3	0.03	<1	0.4	14.0	<10	<2	10.4
1075071	Soil	<0.1	<0.02	0.84	11.6	1.3	<0.05	0.9	5.12	24.0	0.03	<1	0.4	12.4	<10	<2	14.8
1075072	Soil	<0.1	<0.02	0.53	7.3	0.6	<0.05	0.3	3.38	18.3	0.04	<1	0.2	12.4	<10	<2	13.9
1075073	Soil	<0.1	<0.02	0.59	8.4	0.5	<0.05	0.5	4.61	19.1	0.03	<1	0.6	13.4	<10	<2	11.3
1075074	Soil	<0.1	<0.02	0.62	7.8	0.6	<0.05	0.6	3.44	16.3	0.03	<1	0.3	15.9	<10	<2	9.5
1075075	Soil	<0.1	0.02	0.76	8.5	0.5	<0.05	0.7	3.60	15.5	<0.02	<1	0.3	18.9	<10	<2	10.8
1075076	Soil	<0.1	0.02	0.62	9.5	0.5	<0.05	0.8	4.17	20.5	0.02	<1	0.4	19.2	<10	<2	9.1
1075077	Soil	<0.1	<0.02	0.76	10.5	0.5	<0.05	0.5	9.75	26.9	<0.02	<1	0.6	13.2	<10	<2	23.6
1075078	Soil	<0.1	<0.02	0.66	10.2	0.6	<0.05	0.7	3.02	16.4	0.02	<1	0.4	14.1	<10	<2	8.0
1075079	Soil	<0.1	<0.02	0.82	8.4	0.5	<0.05	0.6	3.88	20.9	<0.02	<1	0.3	13.2	<10	<2	11.9
1075080	Soil	<0.1	<0.02	0.87	12.2	0.5	<0.05	0.7	5.84	26.6	0.03	<1	0.3	17.9	<10	<2	14.3
1075601	Soil	<0.1	<0.02	0.92	6.9	0.4	<0.05	0.6	4.21	15.8	0.02	<1	0.3	17.4	<10	<2	15.4
1075602	Soil	<0.1	<0.02	0.92	7.3	0.5	<0.05	0.7	4.75	17.0	0.02	<1	0.4	19.7	<10	<2	15.8
1075603	Soil	<0.1	0.02	0.72	6.7	0.4	<0.05	0.7	3.92	15.7	<0.02	<1	0.3	13.5	<10	<2	8.3
1075604	Soil	<0.1	<0.02	0.71	8.0	0.7	<0.05	0.5	3.16	12.2	<0.02	<1	0.3	7.5	<10	<2	20.6
1075605	Soil	<0.1	<0.02	0.97	9.4	0.5	<0.05	0.8	4.13	17.0	<0.02	<1	0.3	15.0	<10	<2	13.5
1075606	Soil	<0.1	<0.02	0.93	6.8	0.4	<0.05	1.0	4.48	17.9	<0.02	<1	0.5	13.2	<10	<2	13.0
1075607	Soil	<0.1	<0.02	0.70	7.3	0.4	<0.05	0.6	3.79	11.6	<0.02	<1	0.2	12.3	<10	<2	13.0
1075608	Soil	<0.1	0.03	1.07	10.6	0.4	<0.05	1.4	3.71	15.2	<0.02	<1	0.4	16.1	<10	<2	10.3
1075609	Soil	<0.1	0.03	0.91	8.6	1.0	<0.05	2.0	3.24	15.7	<0.02	<1	0.6	24.4	<10	<2	8.5
1075610 GS-1	Soil	<0.1	0.02	0.70	15.9	0.6	<0.05	1.0	7.79	42.2	<0.02	<1	0.3	33.3	<10	<2	8.6
1076685	Soil	<0.1	0.03	0.33	7.5	0.6	<0.05	2.8	6.41	23.1	0.03	<1	1.3	25.3	<10	<2	15.3
1076686	Soil	<0.1	0.04	1.02	9.2	0.9	<0.05	1.9	4.41	21.2	<0.02	<1	1.7	12.9	<10	<2	19.5
1076687	Soil	0.1	0.26	0.62	7.7	0.7	<0.05	12.9	12.84	28.9	0.03	<1	1.4	18.7	<10	<2	18.9
1076688	Soil	<0.1	0.10	0.38	9.7	1.4	<0.05	5.8	8.54	24.3	<0.02	<1	1.5	18.6	<10	<2	14.3
1076689	Soil	<0.1	0.13	0.07	6.7	0.7	<0.05	9.4	10.66	26.3	0.06	<1	1.9	9.3	<10	<2	16.2

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1076690 GS-1	Soil		N.A.	0.68	22.32	8.77	50.9	38	27.2	12.2	433	2.87	4.7	1.3	0.9	6.5	79.2	0.07	0.20	0.18	14
1076691	Soil	42.00	1154	0.96	30.65	7.52	58.9	59	202.4	32.7	1172	3.89	6.5	1.9	1.1	2.9	59.8	0.08	0.11	0.07	57
1076692	Soil	24.00	1428	0.68	39.90	7.95	57.8	41	155.8	24.1	631	3.99	5.8	0.8	1.5	3.5	63.9	0.08	0.12	0.08	97
1076693	Soil	175.0	653.0	0.49	21.39	4.41	50.2	53	76.3	17.3	844	2.63	3.9	1.1	1.2	1.3	89.1	0.08	0.12	0.06	61
1076694	Soil	60.00	1321	0.69	33.68	5.95	60.8	24	183.0	30.1	596	3.92	3.5	0.4	1.6	2.5	61.0	0.06	0.08	0.06	80
1076695	Soil	872.0	1483	0.59	62.68	4.22	37.3	42	22.7	6.8	254	2.37	4.7	1.1	1.1	3.7	52.3	0.07	0.14	0.04	81
1076696	Soil	53.00	1816	0.55	43.05	5.82	44.7	41	68.4	13.5	289	2.74	5.1	1.0	1.5	2.2	59.1	0.11	0.13	0.08	68
1076697	Soil	122.0	1523	0.56	33.82	4.90	49.3	45	56.1	15.2	586	2.49	4.8	1.0	0.8	2.0	84.8	0.09	0.19	0.06	66
1076698	Soil	80.00	1081	0.83	28.80	5.91	36.6	56	59.4	13.8	342	2.92	8.3	0.9	0.5	1.5	95.6	0.07	0.43	0.07	72
1076699	Soil	155.0	808.0	0.63	27.18	3.65	52.7	49	58.1	18.0	778	2.76	9.8	0.8	3.4	1.0	64.3	0.12	1.19	0.05	69
1076700	Soil	87.00	790.0	0.78	23.67	5.45	46.5	88	50.3	14.2	679	2.50	6.3	0.7	1.5	0.9	87.2	0.12	0.35	0.09	60
1076701	Soil	246.0	640.0	0.54	24.48	3.74	45.5	36	52.8	17.0	551	2.96	12.8	0.7	0.5	1.0	64.6	0.10	0.97	0.06	75
1076702	Soil	75.00	469.0	0.62	21.56	4.31	44.8	44	63.5	19.4	1388	2.87	13.1	0.8	10.3	1.2	97.8	0.20	1.19	0.22	66
1076703	Soil	169.0	669.0	0.47	26.37	4.05	35.2	61	59.6	8.3	280	2.25	11.6	0.9	6.4	0.8	101.6	0.11	0.79	0.19	48
1076704	Soil	160.0	758.0	0.69	31.87	4.85	66.9	55	62.9	19.2	1148	2.92	9.9	1.4	5.3	1.2	113.1	0.17	0.92	0.15	69
1076705	Soil	98.00	1314	0.64	34.37	5.35	48.3	50	87.9	18.3	567	3.45	9.5	0.8	5.6	1.9	84.9	0.09	2.66	0.10	82
1075611	Soil	166.0	782.0	0.72	27.43	4.97	52.4	44	107.8	19.7	545	3.13	14.3	1.0	4.9	1.3	90.3	0.14	0.56	0.11	67
1075612	Soil	571.0	1183	0.92	27.88	6.25	54.5	46	109.2	23.4	691	3.58	15.8	1.3	4.9	1.8	89.0	0.15	0.62	0.08	80
1075613	Soil	89.00	1544	0.65	22.62	3.84	53.7	47	67.0	15.5	665	2.42	10.1	0.9	5.4	0.9	125.4	0.19	0.72	0.08	57
1075614	Soil	85.00	1154	0.65	28.84	6.58	47.8	53	106.7	15.9	450	3.30	15.1	1.0	3.2	1.8	119.9	0.13	3.01	0.08	74
1075615	Soil	244.0	1311	0.80	19.73	8.37	53.6	23	52.1	13.1	230	3.32	11.2	0.4	2.4	2.4	42.1	0.11	1.04	0.15	86
1075616	Soil	171.0	719.0	0.55	37.04	6.40	47.5	72	206.2	16.5	341	3.08	10.1	1.6	4.3	1.3	166.8	0.19	2.99	0.10	66
1075617	Soil	396.0	1327	0.78	14.58	8.00	75.7	19	47.7	13.1	245	3.36	10.2	0.4	4.8	2.3	30.5	0.16	0.37	0.17	80
1075618	Soil	155.0	1103	0.73	19.36	7.52	48.1	38	134.3	17.2	389	3.22	12.3	0.8	9.2	3.5	60.0	0.09	0.48	0.12	67
1075619	Soil	161.0	1229	0.69	28.43	4.56	55.2	15	365.7	41.4	732	4.17	20.6	0.7	2.6	3.4	112.2	0.13	0.28	0.07	91
1075620	Soil	225.0	1291	0.73	36.37	5.84	41.4	45	73.8	11.2	295	2.96	8.9	1.3	2.8	2.2	84.8	0.11	0.18	0.08	66
1075621	Soil	305.0	1222	0.56	6.98	6.00	24.2	25	9.8	5.8	234	1.51	7.1	0.5	2.1	4.0	21.3	0.08	0.71	0.14	37
1075622	Soil	314.0	1565	0.71	12.02	8.51	43.9	27	17.5	9.2	322	2.40	11.4	0.6	3.6	4.9	26.8	0.13	1.01	0.19	52
1075623	Soil	278.0	1461	0.79	5.51	9.07	34.4	12	7.2	4.3	261	2.14	39.9	0.3	3.6	9.0	23.5	0.06	1.03	0.13	45
1075070 GS-1	Soil		N.A.	0.63	20.26	9.74	48.6	42	26.6	11.9	425	2.70	4.4	1.5	1.1	7.6	93.7	0.07	0.16	0.21	9

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1076690 GS-1	Soil	4.06	0.044	17.9	21.7	1.11	72.5	0.032	<1	1.22	0.020	0.21	0.1	2.0	0.11	0.03	11	0.2	0.04	3.5	1.11
1076691	Soil	0.51	0.090	11.6	129.7	3.37	120.3	0.055	<1	2.16	0.018	0.07	0.1	6.3	0.06	<0.02	30	0.3	0.03	5.3	1.30
1076692	Soil	0.57	0.086	15.1	104.9	1.90	133.2	0.087	2	2.20	0.019	0.08	0.1	7.6	0.05	<0.02	15	0.4	0.03	5.4	1.52
1076693	Soil	0.77	0.113	9.2	64.0	0.98	85.0	0.045	3	1.37	0.018	0.05	<0.1	4.2	0.04	0.05	26	0.4	0.03	3.8	0.53
1076694	Soil	0.59	0.097	10.4	145.9	2.22	118.8	0.064	1	2.23	0.022	0.06	<0.1	7.3	0.04	<0.02	11	0.3	0.04	5.3	0.82
1076695	Soil	0.78	0.194	14.6	31.9	0.51	75.6	0.026	<1	1.20	0.008	0.05	0.2	4.7	<0.02	<0.02	14	0.3	<0.02	3.5	0.46
1076696	Soil	0.61	0.145	11.1	74.7	1.00	313.6	0.038	2	1.81	0.010	0.12	<0.1	4.3	0.09	<0.02	24	0.3	0.03	4.8	1.84
1076697	Soil	0.80	0.130	11.6	72.4	0.73	183.6	0.036	2	1.52	0.021	0.07	<0.1	5.1	0.05	0.04	36	0.4	0.04	3.8	1.60
1076698	Soil	0.66	0.120	10.5	103.2	0.63	208.4	0.021	2	1.54	0.010	0.04	0.1	5.8	0.05	0.04	35	0.3	0.03	4.2	1.62
1076699	Soil	1.09	0.127	8.1	111.5	0.50	198.8	0.024	3	1.07	0.017	0.03	0.1	7.3	0.04	0.05	28	0.3	<0.02	3.0	1.27
1076700	Soil	1.32	0.118	7.7	70.1	0.75	283.0	0.041	3	1.53	0.015	0.04	<0.1	4.7	0.06	0.07	47	0.4	0.04	4.5	2.72
1076701	Soil	1.03	0.114	7.5	116.7	0.47	215.2	0.023	3	1.17	0.015	0.04	0.1	7.9	0.04	0.05	27	0.4	0.02	3.4	2.08
1076702	Soil	1.27	0.127	8.4	107.6	0.48	296.0	0.019	3	0.98	0.014	0.03	0.1	7.2	0.10	0.05	20	0.3	<0.02	3.0	1.27
1076703	Soil	1.06	0.098	10.1	66.2	0.54	274.7	0.020	2	1.19	0.020	0.04	<0.1	5.3	0.08	0.05	23	0.2	<0.02	3.3	3.40
1076704	Soil	0.88	0.143	9.7	108.8	0.49	319.3	0.017	4	1.18	0.016	0.03	<0.1	6.8	0.08	0.05	34	0.4	<0.02	3.5	1.50
1076705	Soil	1.00	0.158	13.5	136.6	0.58	159.3	0.019	3	1.22	0.015	0.04	0.1	10.8	0.06	0.03	28	0.3	<0.02	3.8	3.45
1075611	Soil	1.01	0.107	9.8	116.1	0.58	192.4	0.021	3	1.08	0.011	0.04	0.1	6.8	0.06	0.04	25	0.3	0.02	3.2	2.01
1075612	Soil	0.97	0.130	11.5	128.9	0.55	195.9	0.015	3	1.39	0.010	0.04	0.1	9.8	0.05	0.04	26	0.2	0.03	3.6	2.42
1075613	Soil	1.30	0.121	9.1	87.5	0.46	212.2	0.018	3	0.94	0.012	0.03	0.1	6.1	0.06	0.06	27	0.5	<0.02	2.8	1.18
1075614	Soil	1.09	0.129	11.5	114.5	0.62	303.9	0.025	3	1.28	0.010	0.05	0.3	9.4	0.07	0.04	39	0.3	0.03	3.6	2.77
1075615	Soil	0.34	0.028	7.8	59.1	0.49	236.8	0.057	<1	2.14	0.005	0.05	0.3	3.6	0.11	<0.02	11	0.2	<0.02	6.3	1.90
1075616	Soil	1.25	0.126	10.5	104.2	0.74	306.4	0.012	2	1.19	0.010	0.04	0.2	8.6	0.08	0.07	39	0.4	0.03	3.4	1.78
1075617	Soil	0.21	0.021	7.7	52.2	0.54	232.6	0.064	<1	2.47	0.004	0.06	0.1	3.1	0.08	<0.02	11	0.3	0.02	6.5	2.17
1075618	Soil	0.53	0.040	11.1	106.9	0.87	220.2	0.047	2	1.69	0.014	0.05	0.2	9.8	0.06	<0.02	16	0.3	<0.02	4.4	2.14
1075619	Soil	0.80	0.072	15.1	309.9	1.10	184.0	0.037	3	1.57	0.014	0.04	0.1	18.6	0.05	<0.02	13	0.2	<0.02	4.6	1.80
1075620	Soil	0.97	0.097	9.6	95.8	0.59	289.2	0.006	2	1.37	0.010	0.04	0.1	9.7	0.06	0.03	27	0.4	0.03	3.6	1.35
1075621	Soil	0.10	0.009	5.4	16.2	0.20	213.8	0.036	1	1.04	0.017	0.06	0.4	2.6	0.11	<0.02	11	0.1	<0.02	3.8	2.64
1075622	Soil	0.13	0.017	8.1	28.6	0.43	209.4	0.053	1	1.55	0.006	0.07	0.4	3.1	0.13	<0.02	22	0.2	0.03	5.0	2.49
1075623	Soil	0.07	0.020	6.6	14.3	0.24	89.0	0.060	1	1.01	0.001	0.08	0.7	2.0	0.23	<0.02	10	0.2	<0.02	6.1	3.53
1075070 GS-1	Soil	3.80	0.042	18.5	19.8	1.06	70.6	0.032	<1	1.26	0.018	0.20	<0.1	1.9	0.11	0.03	13	0.1	<0.02	3.3	0.97

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1076690 GS-1	Soil	<0.1	0.03	0.66	15.5	0.7	<0.05	1.0	7.67	40.9	<0.02	<1	0.3	34.3	<10	<2	8.5
1076691	Soil	<0.1	0.08	0.28	11.6	2.6	<0.05	4.4	9.53	29.4	0.03	<1	1.5	19.4	<10	<2	14.4
1076692	Soil	0.1	0.24	0.29	16.6	2.2	<0.05	12.4	13.36	38.6	0.04	<1	1.5	18.2	<10	<2	12.7
1076693	Soil	<0.1	0.10	0.62	8.2	0.7	<0.05	3.2	7.24	22.0	<0.02	<1	0.9	8.7	<10	<2	23.6
1076694	Soil	<0.1	0.20	0.14	7.9	1.8	<0.05	9.4	7.20	28.0	0.03	<1	1.2	14.8	<10	<2	11.5
1076695	Soil	<0.1	0.06	0.43	5.8	1.1	<0.05	2.3	10.60	35.4	<0.02	<1	2.1	4.6	<10	<2	13.1
1076696	Soil	<0.1	0.07	0.47	18.9	1.0	<0.05	2.8	6.96	25.7	0.03	<1	1.4	13.5	<10	<2	16.2
1076697	Soil	<0.1	0.08	0.60	10.3	1.0	<0.05	3.3	9.33	27.8	0.03	<1	1.1	8.0	<10	<2	21.6
1076698	Soil	<0.1	0.06	0.51	5.9	1.1	<0.05	2.8	8.55	23.9	0.03	<1	0.7	6.5	<10	<2	21.6
1076699	Soil	<0.1	0.08	0.58	3.2	0.8	<0.05	3.4	8.29	20.6	0.03	<1	0.6	4.5	<10	<2	25.1
1076700	Soil	<0.1	0.10	0.84	4.5	0.8	<0.05	3.6	6.20	18.5	0.02	<1	0.4	10.3	<10	<2	32.0
1076701	Soil	<0.1	0.09	0.56	4.3	0.5	<0.05	3.2	7.96	18.9	0.03	<1	0.8	4.9	<10	<2	23.3
1076702	Soil	<0.1	0.11	0.46	3.0	0.8	<0.05	3.4	8.41	20.4	0.03	<1	0.6	3.9	<10	<2	28.4
1076703	Soil	<0.1	0.07	0.51	4.7	0.7	<0.05	3.5	9.51	19.1	0.03	<1	0.7	5.5	<10	<2	26.6
1076704	Soil	<0.1	0.09	0.48	4.4	0.8	<0.05	3.5	8.59	20.7	0.03	<1	0.5	4.1	14	<2	23.9
1076705	Soil	<0.1	0.09	0.45	4.5	1.9	<0.05	3.6	12.69	27.8	0.04	<1	1.6	5.0	<10	<2	20.6
1075611	Soil	<0.1	0.08	0.61	4.2	0.7	<0.05	3.1	9.25	21.5	0.03	<1	1.0	5.1	<10	<2	23.4
1075612	Soil	<0.1	0.09	0.47	5.8	1.7	<0.05	3.3	12.04	24.7	0.04	<1	1.1	4.6	12	2	22.4
1075613	Soil	<0.1	0.08	0.52	2.9	0.8	<0.05	3.5	8.78	20.8	<0.02	<1	0.8	3.5	<10	<2	30.5
1075614	Soil	<0.1	0.13	0.62	5.6	1.7	<0.05	4.6	11.93	24.8	0.03	<1	0.9	5.7	<10	<2	23.1
1075615	Soil	<0.1	0.04	1.05	9.0	0.8	<0.05	2.8	2.91	17.0	0.03	<1	0.5	13.5	<10	<2	10.8
1075616	Soil	<0.1	0.11	0.54	3.9	1.1	<0.05	4.6	12.94	20.8	0.04	1	1.3	5.2	14	2	32.1
1075617	Soil	<0.1	0.09	1.05	9.5	1.0	<0.05	3.7	2.28	16.1	0.03	<1	0.5	15.1	<10	<2	9.3
1075618	Soil	<0.1	0.07	0.82	7.4	1.6	<0.05	3.1	7.06	25.3	0.04	<1	0.9	12.5	<10	<2	11.2
1075619	Soil	<0.1	0.10	0.60	4.1	1.0	<0.05	4.2	13.28	35.8	0.05	<1	1.0	9.9	<10	2	16.4
1075620	Soil	<0.1	0.12	0.42	5.6	1.0	<0.05	4.2	12.84	19.4	0.04	<1	0.6	4.8	<10	<2	20.2
1075621	Soil	<0.1	0.07	0.70	12.4	0.8	<0.05	2.9	7.41	11.8	<0.02	<1	0.9	6.7	<10	<2	6.5
1075622	Soil	<0.1	0.08	0.82	13.2	1.1	<0.05	3.0	5.61	17.5	0.02	<1	0.5	12.1	<10	<2	6.9
1075623	Soil	<0.1	0.04	1.56	25.6	1.9	<0.05	1.6	1.65	14.5	<0.02	<1	0.6	7.7	<10	<2	9.2
1075070 GS-1	Soil	<0.1	<0.02	0.57	13.8	0.7	<0.05	0.9	7.36	37.4	<0.02	<1	0.3	29.7	<10	<2	8.7

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

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
1076713	Soil	498.0	1653	0.96	10.13	10.36	47.8	21	18.7	6.9	323	2.33	9.2	0.5	1.4	6.8	24.3	0.05	0.35	0.17	48
1076714	Soil	171.0	1328	0.71	32.50	9.03	47.1	60	71.4	12.9	252	2.90	7.6	1.3	1.0	7.2	48.1	0.07	0.55	0.13	70
1076715	Soil	251.0	711.0	0.29	22.91	4.34	30.6	80	38.3	7.7	218	1.71	3.2	1.5	2.6	2.9	41.8	0.07	0.40	0.13	32
1076716	Soil	258.0	956.0	0.39	22.02	9.15	50.2	75	46.1	9.2	285	2.23	4.2	11.5	2.0	13.5	54.3	0.06	0.91	0.25	56
1076717	Soil	176.0	1313	0.81	11.01	10.26	57.0	21	12.3	9.3	613	2.89	9.1	1.0	<0.2	9.6	14.8	0.09	0.31	0.17	51
1076718	Soil	349.0	1813	0.88	11.71	10.53	53.6	30	21.3	10.6	501	2.65	8.9	1.9	2.5	10.3	33.6	0.11	2.21	0.33	52
1076719	Soil	309.0	1333	0.94	13.82	9.40	36.1	33	14.0	7.5	358	2.15	8.5	1.0	0.8	5.8	17.1	0.08	0.73	0.16	49
1076720	Soil	221.0	1500	1.03	16.55	11.21	68.0	30	21.2	9.5	448	3.38	11.2	1.1	0.3	12.2	14.9	0.06	0.99	0.39	70
1076721	Soil	382.0	1307	1.10	13.87	10.53	51.0	44	20.2	8.0	255	2.79	9.2	0.6	2.4	5.1	19.5	0.06	0.64	0.25	62
1076722	Soil	120.0	1392	1.02	14.16	12.32	75.0	38	20.9	11.4	657	3.39	10.7	1.7	1.6	14.8	20.6	0.08	1.98	0.20	67
1076723	Soil	304.0	1572	1.01	15.80	12.73	59.5	36	20.7	10.5	508	2.97	9.7	1.1	2.0	7.4	28.9	0.11	0.78	0.24	63
1076724	Soil	308.0	1294	1.13	10.40	11.05	57.8	27	17.1	9.1	670	2.81	5.0	1.1	1.5	8.4	32.7	0.07	1.01	0.19	56
1076725	Soil	201.0	1248	1.30	13.01	12.16	56.0	66	21.0	12.2	954	2.91	6.7	0.9	1.5	7.6	30.0	0.09	0.80	0.22	59
1076726	Soil	141.0	1438	0.97	11.68	36.82	51.8	52	15.9	9.0	404	2.72	6.2	1.2	1.3	9.2	25.6	0.06	1.06	0.18	56
1076727	Soil	242.0	1260	0.94	13.19	53.95	48.1	46	18.8	7.6	279	2.50	9.5	0.9	1.3	6.3	17.5	0.08	0.93	0.17	54
1076401	Soil	219.0	1425	1.01	24.82	69.10	125.2	208	15.8	10.5	537	2.92	17.7	0.7	5.8	3.2	55.1	0.45	1.18	0.27	63
1076402	Soil	181.0	1143	0.99	22.66	70.74	123.2	160	16.8	11.1	558	2.96	16.2	0.7	5.2	3.4	57.2	0.39	1.14	0.27	64
1076403	Soil	414.0	1737	0.27	17.80	39.63	114.3	180	12.7	9.6	399	2.61	7.2	0.6	7.3	3.0	55.3	0.17	0.64	0.29	67
1076404	Soil	179.0	1622	1.67	16.81	20.88	68.7	337	11.7	25.7	1972	2.68	8.9	0.6	5.2	0.8	48.4	0.24	0.47	0.29	43
1076405	Soil	362.0	1150	0.34	17.10	24.10	63.3	70	15.5	7.9	237	2.01	7.7	0.6	4.2	1.9	52.8	0.13	0.57	0.16	43
1076406	Soil	200.0	1059	0.47	22.46	36.18	65.3	180	15.1	8.2	289	2.07	8.4	0.6	4.2	2.3	36.8	0.14	0.73	0.18	44
1076407	Soil	175.0	1108	0.96	11.86	33.38	56.9	40	11.7	5.4	252	2.39	11.8	0.3	1.0	1.5	74.4	0.21	0.67	0.21	55
1076408	Soil	289.0	1114	1.03	10.93	13.31	37.1	28	8.8	4.3	156	2.46	14.6	0.3	1.7	1.6	25.2	0.16	0.90	0.26	79
1076409	Soil	242.0	1382	1.46	19.03	29.70	71.0	30	14.6	10.6	505	3.69	19.4	0.3	6.5	1.5	29.6	0.42	1.22	0.18	121
1076410 GS-1	Soil		N.A.	0.57	19.88	8.86	49.5	40	23.7	11.6	410	2.73	2.3	1.4	0.6	6.8	78.6	0.05	0.16	0.20	13
1076411	Soil	247.0	1245	0.99	16.35	13.40	42.2	80	15.3	9.2	260	3.22	13.7	0.3	0.8	1.2	36.6	0.15	0.43	0.14	82
1076412	Soil	214.0	1422	0.80	20.63	17.72	46.5	79	20.8	10.6	383	2.91	11.1	0.5	3.0	3.2	30.3	0.06	0.43	0.16	66
1076413	Soil	119.0	1133	0.95	17.94	23.10	42.7	70	18.7	11.4	383	2.90	12.0	0.4	2.1	2.9	35.4	0.08	0.57	0.16	73
1076414	Soil	24.00	1128	0.59	17.63	14.01	52.0	94	11.3	9.1	308	3.00	34.2	0.3	8.1	2.0	45.8	0.09	5.58	0.09	73
1076415	Soil	154.0	1104	0.90	18.67	21.09	51.3	95	17.7	11.4	366	3.37	15.2	0.4	2.2	2.6	29.3	0.12	1.93	0.15	75

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1076713	Soil	0.24	0.035	10.1	26.6	0.50	105.0	0.073	<1	1.38	0.006	0.06	0.2	2.7	0.16	<0.02	<5	0.1	<0.02	5.3	2.24
1076714	Soil	0.56	0.092	16.7	78.1	1.08	142.2	0.083	1	1.84	0.014	0.10	0.1	5.5	0.11	<0.02	58	0.2	<0.02	5.1	2.21
1076715	Soil	0.43	0.058	12.4	38.1	0.42	159.1	0.051	<1	1.28	0.021	0.06	0.1	3.7	0.08	0.03	46	0.3	<0.02	4.0	1.52
1076716	Soil	0.60	0.086	37.2	61.4	0.76	272.2	0.079	1	1.50	0.013	0.11	0.3	6.4	0.17	0.04	77	0.3	<0.02	5.0	2.79
1076717	Soil	0.12	0.039	14.2	21.7	0.46	115.9	0.025	<1	1.40	0.007	0.06	<0.1	2.9	0.08	<0.02	14	0.1	<0.02	6.9	3.15
1076718	Soil	0.31	0.055	21.6	35.8	0.50	238.4	0.070	<1	1.33	0.011	0.11	0.3	5.2	0.16	<0.02	64	0.2	<0.02	4.7	6.53
1076719	Soil	0.13	0.033	15.3	24.0	0.33	135.8	0.063	<1	1.53	0.015	0.08	0.2	2.9	0.17	<0.02	44	0.1	<0.02	5.5	4.15
1076720	Soil	0.13	0.033	12.4	38.1	0.71	144.9	0.134	<1	2.29	0.004	0.15	0.1	4.4	0.23	<0.02	16	0.1	0.03	7.4	5.39
1076721	Soil	0.18	0.028	10.2	37.3	0.52	88.2	0.080	<1	2.04	0.004	0.10	0.1	2.4	0.18	<0.02	16	0.1	<0.02	5.9	2.19
1076722	Soil	0.23	0.062	10.4	31.8	0.76	132.1	0.148	<1	2.27	0.004	0.19	0.2	5.7	0.49	<0.02	30	0.2	0.04	8.2	8.23
1076723	Soil	0.23	0.040	18.4	34.9	0.50	159.8	0.080	<1	1.96	0.007	0.07	0.2	3.0	0.20	<0.02	18	0.3	0.03	6.5	3.55
1076724	Soil	0.31	0.067	9.5	28.9	0.45	207.8	0.101	<1	1.63	0.010	0.09	0.2	3.0	0.23	<0.02	<5	0.2	<0.02	7.0	4.80
1076725	Soil	0.27	0.035	11.5	34.3	0.47	232.8	0.094	<1	1.98	0.007	0.12	0.1	3.0	0.23	<0.02	26	0.2	<0.02	6.9	4.53
1076726	Soil	0.21	0.034	12.1	26.5	0.47	194.7	0.107	<1	1.48	0.008	0.15	0.2	3.0	0.24	<0.02	37	<0.1	0.04	5.9	4.49
1076727	Soil	0.15	0.020	10.6	33.2	0.44	175.1	0.071	<1	1.62	0.005	0.06	0.2	2.6	0.16	<0.02	22	0.2	0.04	5.2	2.31
1076401	Soil	0.52	0.055	13.7	27.0	0.59	132.6	0.067	<1	1.99	0.011	0.13	0.2	3.7	0.17	<0.02	22	0.2	0.05	6.7	3.73
1076402	Soil	0.49	0.057	11.9	31.1	0.64	134.2	0.072	<1	2.07	0.012	0.10	0.2	3.8	0.17	<0.02	16	0.2	0.04	6.7	3.88
1076403	Soil	0.63	0.098	9.9	29.2	0.69	83.2	0.077	<1	1.92	0.013	0.06	0.2	3.6	0.10	<0.02	21	0.2	0.07	7.1	4.24
1076404	Soil	0.66	0.079	7.0	28.3	0.38	159.9	0.033	2	1.47	0.015	0.05	<0.1	2.6	0.10	0.04	88	0.2	0.02	4.5	1.51
1076405	Soil	0.31	0.036	8.9	32.3	0.48	161.5	0.059	1	1.55	0.012	0.05	0.2	2.9	0.08	<0.02	40	<0.1	<0.02	4.5	1.66
1076406	Soil	0.28	0.042	11.2	31.0	0.49	160.8	0.056	2	1.60	0.013	0.06	0.2	3.1	0.10	<0.02	45	<0.1	0.04	4.4	1.92
1076407	Soil	0.23	0.022	8.2	28.3	0.37	300.9	0.037	1	1.75	0.009	0.06	0.2	2.6	0.13	<0.02	26	<0.1	<0.02	6.3	8.96
1076408	Soil	0.13	0.020	6.4	22.2	0.30	104.3	0.065	<1	1.44	0.008	0.06	0.2	2.2	0.10	<0.02	12	<0.1	0.03	7.4	1.86
1076409	Soil	0.26	0.057	7.2	32.8	0.60	151.7	0.084	<1	1.90	0.014	0.07	0.5	3.6	0.09	<0.02	22	<0.1	0.02	9.4	3.33
1076410 GS-1	Soil	3.64	0.040	16.6	20.7	1.04	67.6	0.028	<1	1.16	0.019	0.20	0.1	2.0	0.10	0.04	9	<0.1	0.03	2.9	0.91
1076411	Soil	0.27	0.068	5.7	33.5	0.50	162.4	0.059	<1	2.13	0.014	0.06	0.2	2.8	0.07	<0.02	23	<0.1	0.04	6.5	1.27
1076412	Soil	0.36	0.066	10.1	40.3	0.59	189.0	0.071	<1	1.99	0.016	0.11	0.2	4.1	0.08	<0.02	23	<0.1	<0.02	5.2	0.61
1076413	Soil	0.39	0.049	8.2	39.5	0.53	158.8	0.066	<1	2.03	0.016	0.07	0.2	3.7	0.08	<0.02	14	0.1	<0.02	5.8	0.66
1076414	Soil	0.37	0.062	8.0	23.0	0.55	157.5	0.033	<1	2.07	0.016	0.06	0.3	4.3	0.11	<0.02	13	<0.1	0.02	5.7	1.66
1076415	Soil	0.41	0.057	9.4	36.4	0.64	210.1	0.038	<1	2.32	0.013	0.09	0.8	4.6	0.10	<0.02	21	0.2	0.04	6.6	2.30

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1076713	Soil	<0.1	0.05	0.82	16.8	1.7	<0.05	2.5	3.89	20.4	0.03	<1	0.3	14.3	<10	<2	6.0
1076714	Soil	<0.1	0.09	0.77	16.0	1.5	<0.05	5.2	9.69	33.3	0.04	<1	0.6	11.6	<10	<2	11.1
1076715	Soil	<0.1	0.05	1.03	9.5	0.8	<0.05	2.7	9.12	25.7	0.02	<1	0.6	7.2	<10	<2	17.4
1076716	Soil	<0.1	0.12	1.72	19.8	1.1	<0.05	5.6	23.21	47.1	0.03	<1	0.6	11.9	<10	<2	15.9
1076717	Soil	<0.1	0.05	0.45	11.2	1.8	<0.05	2.2	6.00	31.7	0.02	<1	0.5	14.0	<10	<2	7.7
1076718	Soil	<0.1	0.05	0.68	22.6	1.7	<0.05	2.3	14.58	35.4	0.03	<1	0.8	16.3	<10	<2	6.9
1076719	Soil	<0.1	<0.02	0.88	19.4	1.2	<0.05	1.5	10.94	32.7	0.02	1	0.6	11.1	<10	<2	7.2
1076720	Soil	<0.1	0.11	0.87	38.1	1.9	<0.05	4.3	5.90	27.7	0.05	<1	0.6	19.4	<10	<2	6.5
1076721	Soil	<0.1	0.06	0.91	23.0	1.1	<0.05	2.7	2.62	20.9	0.03	<1	0.4	14.8	<10	<2	6.3
1076722	Soil	<0.1	0.07	1.41	46.5	2.5	<0.05	4.1	7.80	29.1	0.06	<1	0.6	21.9	<10	<2	7.6
1076723	Soil	<0.1	0.05	1.14	19.8	1.2	<0.05	2.0	9.50	41.4	0.02	<1	0.8	13.8	<10	<2	7.9
1076724	Soil	<0.1	0.03	1.47	26.4	2.1	<0.05	1.8	4.47	22.5	0.04	<1	0.7	16.4	<10	<2	7.0
1076725	Soil	<0.1	0.06	1.10	31.9	1.8	<0.05	3.0	3.54	25.3	0.03	<1	0.6	13.9	<10	<2	7.3
1076726	Soil	<0.1	0.06	1.36	53.6	42.6	<0.05	2.6	4.73	25.7	<0.02	<1	0.3	16.2	<10	<2	5.8
1076727	Soil	<0.1	0.07	0.65	13.5	66.3	<0.05	3.2	3.55	20.5	<0.02	<1	0.5	12.4	<10	<2	5.4
1076401	Soil	<0.1	0.13	0.61	11.3	21.1	<0.05	4.7	8.44	26.9	<0.02	<1	1.0	16.9	14	<2	7.5
1076402	Soil	<0.1	0.08	0.70	9.9	17.0	<0.05	3.9	6.81	26.4	<0.02	<1	0.8	18.2	<10	<2	8.0
1076403	Soil	<0.1	0.09	1.01	8.1	11.0	<0.05	3.1	4.64	20.6	<0.02	<1	0.6	18.1	13	<2	9.2
1076404	Soil	<0.1	0.02	0.78	8.4	5.5	<0.05	0.9	3.50	17.3	<0.02	<1	0.3	8.8	<10	<2	22.9
1076405	Soil	<0.1	0.04	0.82	6.3	3.9	<0.05	1.7	4.85	20.4	<0.02	<1	0.6	11.3	<10	<2	6.6
1076406	Soil	<0.1	0.05	0.91	7.2	10.2	<0.05	2.4	6.66	24.6	<0.02	<1	0.7	11.0	<10	<2	8.1
1076407	Soil	<0.1	0.02	0.63	9.9	9.6	<0.05	1.3	4.83	19.3	0.03	<1	0.7	10.0	<10	<2	8.2
1076408	Soil	<0.1	0.06	1.10	7.3	3.0	<0.05	2.3	1.70	14.7	<0.02	<1	0.3	7.5	<10	<2	7.7
1076409	Soil	<0.1	0.05	1.33	8.2	5.9	<0.05	1.6	2.49	15.4	0.04	<1	0.3	14.5	<10	<2	8.5
1076410 GS-1	Soil	<0.1	<0.02	0.57	13.8	0.6	<0.05	0.7	6.70	37.3	<0.02	<1	0.3	28.6	<10	<2	8.4
1076411	Soil	<0.1	0.02	1.06	7.9	6.0	<0.05	0.9	2.04	12.8	0.03	1	0.4	19.5	<10	<2	9.2
1076412	Soil	<0.1	0.08	0.53	6.0	7.5	<0.05	3.4	3.74	24.3	0.02	<1	0.6	12.5	<10	<2	6.7
1076413	Soil	<0.1	0.09	0.81	6.6	9.9	<0.05	3.8	3.17	17.6	0.02	<1	0.5	13.0	<10	<2	7.9
1076414	Soil	<0.1	0.05	0.57	4.2	4.4	<0.05	2.2	3.28	19.7	0.02	<1	0.6	11.8	<10	<2	8.0
1076415	Soil	<0.1	0.06	0.63	6.0	11.4	<0.05	2.8	3.35	25.3	0.04	<1	0.7	12.7	<10	<2	9.0

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1076416	Soil	224.0	1407	0.64	25.78	22.80	56.8	324	17.4	10.3	456	2.81	14.3	0.7	3.1	3.1	54.1	0.12	1.27	0.18	63
1076417	Soil	135.0	1176	0.65	17.55	16.79	49.7	177	17.3	8.4	470	2.65	11.0	0.4	0.6	2.3	58.9	0.15	0.82	0.21	54
1076418	Soil	112.0	1244	0.81	17.36	20.07	49.9	196	12.6	7.5	232	2.98	13.9	0.3	0.9	1.7	79.3	0.20	0.86	0.30	72
1076419	Soil	96.00	1330	0.60	17.23	49.08	106.1	264	15.3	10.7	636	3.38	15.3	0.5	4.0	2.9	62.6	0.14	1.61	0.38	73
1076420	Soil	141.0	1373	0.98	22.07	29.79	105.6	336	16.4	12.5	884	3.29	14.7	0.4	0.7	2.2	41.4	0.31	1.03	0.25	76
1076421	Soil	85.00	1287	0.90	22.67	45.61	121.8	204	12.9	12.6	516	3.98	12.5	0.4	1.6	2.1	55.2	0.40	1.40	0.37	86
1076422	Soil	101.0	1346	0.80	23.47	51.51	115.7	266	12.0	13.3	1083	3.69	11.5	0.4	1.3	1.9	56.8	0.40	1.41	0.32	79
1076423	Soil	180.0	1177	0.93	19.95	138.4	140.5	167	15.8	12.2	1288	3.37	12.2	0.4	0.9	2.2	29.5	0.76	1.23	0.25	74
1076424	Soil	116.0	1487	0.87	30.13	59.52	142.3	86	16.8	11.3	548	3.27	17.1	0.5	2.2	1.9	38.5	0.51	1.33	0.28	75
1076425	Soil	132.0	1262	1.11	22.20	65.07	118.2	88	21.3	9.9	479	3.31	16.0	0.4	1.4	2.6	34.7	0.55	1.06	0.25	70
1076426	Soil	138.0	1041	0.83	22.72	55.96	115.8	145	18.2	11.9	517	3.09	13.2	0.4	0.5	2.4	32.1	0.73	0.73	0.32	69
1076427	Soil	85.00	1054	0.65	25.66	31.83	60.3	133	17.1	9.8	454	2.77	11.3	0.5	1.8	1.2	58.2	0.35	0.60	0.29	67
1076428	Soil	156.0	1304	0.95	21.63	41.51	69.9	95	22.0	11.2	333	3.01	15.7	0.6	3.0	3.2	31.4	0.26	0.58	0.26	67
1076429	Soil	268.0	1247	1.07	42.07	32.52	50.5	193	20.1	11.1	282	2.44	28.3	0.6	2.9	2.3	41.2	0.26	0.44	0.23	56
1076430 GS-1	Soil		N.A.	0.60	19.64	8.57	50.3	36	25.6	11.8	413	2.70	2.9	1.3	<0.2	6.8	80.6	0.06	0.17	0.19	12
1076431	Soil	195.0	878.0	0.69	38.18	55.33	45.6	120	24.2	10.2	378	2.51	7.1	0.6	3.6	3.6	38.8	0.22	0.54	0.35	63
1075624	Soil	152.0	1122	1.32	10.35	12.24	50.4	32	11.9	6.8	173	2.85	12.9	0.4	0.9	4.3	24.2	0.09	0.54	0.22	65
1075625	Soil	208.0	919.0	1.19	13.14	12.16	49.3	47	15.2	7.8	184	2.98	13.1	0.5	1.0	2.9	16.6	0.15	0.74	0.21	63
1075626	Soil	167.0	1183	1.44	10.62	13.99	56.4	53	12.3	8.4	126	2.12	9.9	1.6	1.5	3.2	32.8	0.11	1.97	0.29	55
1075627	Soil	169.0	1319	0.96	9.00	15.54	35.2	50	12.3	7.2	595	1.99	7.4	0.4	1.7	3.9	24.6	0.05	0.88	0.31	45
1075628	Soil	112.0	1145	0.93	15.65	21.73	41.4	40	19.2	7.9	229	2.58	14.5	1.0	1.9	3.4	35.6	0.06	0.84	0.30	56
1075629	Soil	142.0	1370	1.05	31.66	16.72	51.8	28	9.9	8.3	456	2.28	12.9	1.1	0.7	15.5	44.6	0.04	4.23	2.55	46
1075630 GS-1	Soil		N.A.	0.64	19.71	8.46	50.2	28	24.4	11.8	413	2.69	2.8	1.4	0.5	7.1	82.4	0.07	0.15	0.21	13
1075631	Soil	106.0	1455	1.88	14.58	16.62	45.1	61	13.9	9.6	439	2.17	10.6	1.2	0.7	6.2	23.2	0.09	1.92	0.43	50
1075632	Soil	391.0	1528	1.15	11.26	11.71	32.0	39	15.4	6.5	188	1.92	7.5	0.5	2.8	3.7	21.2	0.04	0.54	0.23	50
1075633	Soil	170.0	1393	1.95	14.92	14.22	51.7	113	19.5	10.6	548	2.48	7.8	0.9	1.9	6.5	21.0	0.10	0.67	0.97	55
1075634	Soil	170.0	1500	29.87	22.44	23.23	46.6	89	17.9	6.5	305	2.18	13.7	1.8	0.9	6.3	21.2	0.13	2.62	8.24	48
1075635	Soil	150.0	1758	2.23	24.25	14.40	48.8	25	16.2	11.0	372	2.51	11.6	1.2	<0.2	9.0	20.4	0.05	1.08	1.29	54
1075636	Soil	223.0	1940	1.22	32.53	17.02	49.8	44	25.8	10.3	398	2.56	10.2	1.2	3.1	6.5	27.4	0.10	0.56	0.66	56
1075637	Soil	493.0	2228	1.62	25.97	12.55	43.9	42	20.9	11.5	475	2.49	9.2	1.4	2.8	6.7	30.5	0.10	0.76	1.11	54

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1076416	Soil	0.48	0.043	23.6	34.9	0.55	284.1	0.052	1	1.82	0.014	0.13	0.9	5.0	0.11	<0.02	42	<0.1	0.03	5.5	5.27
1076417	Soil	0.50	0.032	12.7	31.7	0.49	162.2	0.059	2	1.61	0.019	0.13	0.4	3.8	0.10	<0.02	21	<0.1	0.06	5.0	2.48
1076418	Soil	0.37	0.066	6.5	24.8	0.46	129.8	0.053	<1	1.95	0.018	0.10	1.0	3.2	0.07	<0.02	12	<0.1	0.06	5.7	5.28
1076419	Soil	0.59	0.046	9.8	32.5	0.69	201.5	0.052	1	2.11	0.017	0.17	0.3	5.3	0.18	<0.02	27	<0.1	0.03	6.3	3.32
1076420	Soil	0.45	0.047	8.5	28.9	0.63	143.8	0.067	1	2.18	0.018	0.11	0.2	4.8	0.14	<0.02	34	<0.1	0.03	7.0	1.99
1076421	Soil	0.52	0.060	8.0	27.9	0.87	65.8	0.065	1	2.37	0.016	0.06	0.3	5.3	0.13	<0.02	12	0.1	0.03	7.9	4.10
1076422	Soil	0.54	0.054	8.7	25.0	0.76	109.1	0.069	2	2.11	0.020	0.08	0.4	5.7	0.12	<0.02	24	<0.1	<0.02	7.2	6.39
1076423	Soil	0.37	0.034	9.5	32.1	0.59	118.1	0.049	<1	2.05	0.014	0.10	0.3	4.7	0.18	<0.02	31	<0.1	0.05	6.2	3.84
1076424	Soil	0.53	0.094	10.7	28.9	0.74	101.1	0.036	1	2.04	0.018	0.08	0.3	4.8	0.15	<0.02	24	0.1	0.04	6.5	4.64
1076425	Soil	0.44	0.051	8.7	37.9	0.62	198.6	0.061	1	2.07	0.018	0.12	0.4	5.0	0.14	<0.02	19	<0.1	0.03	5.8	2.33
1076426	Soil	0.38	0.033	9.3	34.7	0.49	111.2	0.050	<1	2.09	0.017	0.07	0.4	4.4	0.11	<0.02	18	<0.1	0.05	5.7	2.40
1076427	Soil	0.75	0.045	7.1	29.9	0.44	148.9	0.051	<1	1.96	0.023	0.05	0.3	3.3	0.10	<0.02	24	0.2	0.05	6.2	3.01
1076428	Soil	0.43	0.023	11.9	39.3	0.59	119.9	0.065	<1	2.12	0.018	0.08	0.1	4.7	0.10	<0.02	11	0.1	0.04	5.5	1.38
1076429	Soil	0.62	0.025	7.9	30.1	0.46	67.8	0.056	<1	1.92	0.028	0.06	0.2	3.0	0.09	<0.02	18	0.2	0.03	5.9	5.81
1076430 GS-1	Soil	3.67	0.039	17.0	20.8	1.06	67.0	0.028	<1	1.18	0.020	0.20	0.1	2.0	0.11	0.04	10	<0.1	<0.02	3.1	0.91
1076431	Soil	0.46	0.042	10.4	52.0	0.69	83.2	0.078	1	1.73	0.023	0.07	0.2	3.6	0.11	<0.02	25	<0.1	0.03	5.3	3.76
1075624	Soil	0.08	0.017	8.8	25.1	0.30	131.6	0.061	<1	1.55	0.007	0.07	0.1	2.3	0.13	<0.02	18	<0.1	0.03	6.7	1.80
1075625	Soil	0.12	0.024	6.7	30.3	0.38	248.4	0.053	<1	1.81	0.008	0.10	0.3	2.8	0.12	0.02	28	0.1	0.06	5.4	1.23
1075626	Soil	0.10	0.018	5.4	17.7	0.18	182.2	0.016	<1	1.01	0.007	0.04	0.7	3.9	0.16	<0.02	18	<0.1	0.03	4.1	0.80
1075627	Soil	0.25	0.009	8.0	22.5	0.29	159.6	0.052	<1	1.46	0.012	0.07	0.8	3.0	0.17	<0.02	17	<0.1	0.03	4.5	1.58
1075628	Soil	0.34	0.030	15.5	32.8	0.50	202.0	0.037	<1	1.74	0.017	0.09	0.6	4.4	0.10	<0.02	23	<0.1	0.02	4.9	2.57
1075629	Soil	0.21	0.018	12.5	12.3	0.45	64.8	0.070	1	1.28	0.008	0.31	2.8	6.8	0.47	<0.02	20	<0.1	<0.02	4.9	8.27
1075630 GS-1	Soil	3.64	0.038	18.7	20.3	1.05	66.0	0.030	<1	1.19	0.020	0.21	<0.1	2.0	0.10	0.04	9	<0.1	<0.02	3.1	0.91
1075631	Soil	0.24	0.017	9.0	23.4	0.34	120.2	0.049	<1	1.47	0.010	0.12	0.6	4.5	0.24	<0.02	15	<0.1	<0.02	4.5	2.61
1075632	Soil	0.22	0.011	8.3	25.4	0.33	89.8	0.054	<1	1.14	0.011	0.05	0.6	2.5	0.10	<0.02	<5	<0.1	<0.02	3.7	1.06
1075633	Soil	0.28	0.027	11.3	26.2	0.45	119.7	0.073	<1	1.47	0.013	0.12	0.6	4.1	0.17	<0.02	9	0.2	0.03	4.5	2.87
1075634	Soil	0.19	0.021	9.1	23.8	0.32	93.8	0.043	<1	1.63	0.010	0.10	0.4	3.3	0.25	<0.02	13	0.2	0.04	5.0	3.10
1075635	Soil	0.18	0.031	13.5	23.6	0.40	181.6	0.063	1	1.29	0.010	0.12	1.8	4.3	0.16	<0.02	5	<0.1	0.02	5.0	2.56
1075636	Soil	0.43	0.039	13.7	33.8	0.56	178.0	0.085	<1	1.70	0.020	0.08	0.7	4.6	0.11	<0.02	16	0.3	<0.02	5.3	1.43
1075637	Soil	0.44	0.036	13.8	34.6	0.46	153.7	0.082	1	1.76	0.014	0.07	0.6	4.2	0.11	<0.02	11	0.1	<0.02	5.1	1.50

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1076416	Soil	<0.1	0.07	0.65	11.5	11.3	<0.05	2.8	21.20	32.4	0.02	<1	1.0	16.8	<10	<2	7.7
1076417	Soil	<0.1	0.03	0.80	12.8	4.4	<0.05	1.9	7.12	26.3	<0.02	2	0.8	13.9	<10	<2	7.6
1076418	Soil	<0.1	0.03	0.81	6.9	12.1	<0.05	1.1	2.25	13.7	<0.02	<1	0.5	11.3	<10	<2	8.7
1076419	Soil	<0.1	0.05	0.74	16.0	7.0	<0.05	1.8	4.97	27.3	0.03	<1	0.8	20.0	<10	<2	8.6
1076420	Soil	<0.1	0.04	0.71	11.9	11.7	<0.05	1.7	4.34	20.2	0.05	<1	0.7	18.9	<10	<2	8.1
1076421	Soil	<0.1	0.09	0.68	6.7	8.9	<0.05	2.6	3.86	18.4	0.03	<1	0.6	23.6	<10	<2	8.6
1076422	Soil	<0.1	0.04	0.66	11.4	14.0	<0.05	1.8	4.46	20.4	0.03	<1	0.7	19.0	<10	<2	8.4
1076423	Soil	<0.1	<0.02	0.55	13.7	3.0	<0.05	1.4	3.84	24.8	0.04	<1	0.7	14.0	<10	<2	8.2
1076424	Soil	<0.1	0.02	0.69	10.1	19.6	<0.05	0.9	6.19	23.3	0.04	<1	0.9	21.8	<10	<2	8.2
1076425	Soil	<0.1	0.03	0.77	15.1	12.1	<0.05	1.8	3.59	28.1	0.03	<1	0.8	17.4	<10	<2	8.3
1076426	Soil	<0.1	0.05	0.73	8.4	5.4	<0.05	1.8	4.29	25.7	0.03	<1	0.7	11.8	<10	<2	8.4
1076427	Soil	<0.1	0.03	1.10	6.4	8.8	<0.05	1.5	3.15	17.1	0.03	<1	0.5	14.0	<10	<2	10.8
1076428	Soil	<0.1	0.06	0.83	9.4	5.2	<0.05	3.3	5.52	30.7	0.03	<1	0.7	13.1	<10	<2	7.7
1076429	Soil	<0.1	0.05	1.08	8.1	5.8	<0.05	2.6	3.22	18.2	0.02	<1	0.7	14.3	<10	<2	9.4
1076430 GS-1	Soil	<0.1	<0.02	0.58	13.1	0.7	<0.05	0.7	6.77	38.7	<0.02	<1	0.3	27.4	<10	<2	8.7
1076431	Soil	<0.1	0.12	1.23	9.0	7.5	<0.05	5.8	4.99	26.8	0.04	<1	0.7	16.4	<10	<2	8.8
1075624	Soil	<0.1	0.08	1.14	17.3	3.4	<0.05	3.3	2.30	19.9	<0.02	<1	0.3	12.8	<10	<2	7.5
1075625	Soil	<0.1	0.08	1.02	11.0	3.2	<0.05	2.7	3.65	14.8	0.03	<1	0.3	18.1	<10	<2	8.9
1075626	Soil	<0.1	<0.02	0.57	5.5	3.3	<0.05	0.4	6.27	12.5	0.03	1	0.4	7.7	<10	<2	7.9
1075627	Soil	<0.1	0.07	1.49	9.2	7.6	<0.05	2.5	3.61	21.1	0.02	<1	0.7	8.3	<10	<2	7.2
1075628	Soil	<0.1	0.02	0.87	13.0	9.7	<0.05	1.2	11.39	29.5	0.03	<1	0.8	11.4	<10	<2	8.8
1075629	Soil	<0.1	0.04	1.39	55.3	10.6	<0.05	2.4	10.31	33.8	0.06	<1	1.0	11.2	<10	<2	9.3
1075630 GS-1	Soil	<0.1	<0.02	0.60	13.6	0.7	<0.05	0.7	7.06	41.5	<0.02	<1	0.3	28.8	<10	<2	8.8
1075631	Soil	<0.1	<0.02	1.11	19.0	8.0	<0.05	1.0	6.12	23.1	0.03	<1	0.8	9.5	<10	<2	8.8
1075632	Soil	<0.1	0.05	1.71	6.3	3.5	<0.05	2.0	3.34	17.8	0.02	<1	0.5	8.4	<10	<2	5.3
1075633	Soil	<0.1	0.05	1.37	28.0	5.2	<0.05	2.1	5.29	23.9	<0.02	<1	0.7	12.4	<10	<2	7.4
1075634	Soil	<0.1	<0.02	1.20	24.2	9.6	<0.05	1.2	4.82	19.0	<0.02	<1	1.2	12.2	<10	<2	8.5
1075635	Soil	<0.1	0.03	0.78	22.4	4.6	<0.05	1.9	8.00	26.6	<0.02	<1	0.6	11.8	<10	<2	6.3
1075636	Soil	<0.1	0.09	1.10	11.2	6.9	<0.05	4.2	8.11	26.3	<0.02	<1	0.4	12.7	<10	<2	7.4
1075637	Soil	<0.1	0.08	1.31	12.9	4.0	<0.05	4.1	5.91	25.1	0.02	<1	0.6	10.1	<10	<2	8.3

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1075638	Soil	106.0	1654	0.86	21.08	9.03	50.3	54	20.7	12.2	548	2.45	7.1	0.5	1.1	2.5	26.4	0.10	0.33	0.47	56
1075639	Soil	68.00	1815	0.81	39.56	9.52	44.0	80	37.7	14.3	434	2.76	7.9	1.5	2.9	5.2	32.8	0.08	0.32	0.26	59
1075640	Soil	179.0	1687	0.63	21.53	11.01	52.1	38	20.7	10.6	285	2.56	8.8	0.9	0.9	4.8	28.3	0.07	0.41	0.84	54
1075641	Soil	252.0	1724	1.04	28.61	8.56	38.0	59	20.5	9.5	419	2.28	7.5	2.4	2.7	4.6	30.9	0.06	0.47	0.50	47
1075642	Soil	244.0	1308	0.85	24.99	9.10	40.9	38	20.2	8.5	264	2.18	7.2	1.6	1.5	7.2	29.9	0.07	0.50	0.55	47
1075643	Soil	189.0	1709	0.71	23.20	8.94	41.9	31	21.1	8.6	331	2.29	8.1	1.5	12.0	7.6	28.4	0.07	0.52	0.68	50
1075644	Soil	88.00	1445	1.12	12.58	9.85	37.4	48	13.4	8.6	276	2.25	7.0	2.3	0.5	9.3	26.0	0.05	0.23	0.35	44
1075645	Soil	146.0	1157	0.82	18.45	11.62	44.0	73	19.2	8.6	321	2.38	8.3	0.7	1.8	6.1	23.6	0.07	0.44	0.34	52
1075646	Soil	57.00	1334	1.50	8.75	13.84	39.7	18	9.6	9.2	667	2.11	8.1	2.0	<0.2	16.5	30.4	0.06	0.50	0.78	33
1075647	Soil	102.0	937.0	0.63	30.99	6.02	71.9	53	93.1	20.8	962	2.86	4.7	1.0	0.6	3.4	51.5	0.17	0.43	0.10	70
1075648	Soil	103.0	1234	1.02	14.11	10.18	65.1	18	16.8	12.2	858	3.40	15.0	1.0	<0.2	11.1	20.0	0.10	1.39	0.22	73
1075649	Soil	260.0	1364	1.27	17.10	13.50	67.1	30	22.0	13.1	600	3.42	18.4	0.9	0.3	11.4	26.0	0.08	0.92	0.21	72
1075650 Agi Dagi B	Soil		N.A.	3.26	9.59	23.47	17.0	21	12.1	3.6	88	3.74	63.5	0.7	89.6	4.3	29.0	0.03	0.83	1.72	57
1076728	Soil	176.0	1022	1.11	19.60	34.24	82.4	192	15.8	10.7	350	2.81	14.7	0.4	4.2	2.2	40.5	0.23	0.87	0.19	66
1076729	Soil	121.0	1260	0.64	21.39	16.75	64.9	62	21.7	11.2	311	2.86	9.2	0.5	1.1	3.1	35.5	0.12	0.49	0.16	68
1076730	Soil			L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1076731	Soil	680.0	1605	1.04	21.34	78.22	110.4	163	16.0	11.9	617	2.55	11.5	1.1	12.1	4.0	53.4	0.21	0.89	0.27	59
1076732	Soil	526.0	1286	0.85	19.50	32.99	96.1	183	18.2	12.1	507	3.33	17.8	0.5	19.6	2.9	49.4	0.26	1.09	0.37	83
1076733	Soil	601.0	1451	0.70	31.63	51.18	122.5	640	17.5	8.1	631	2.16	8.3	0.6	10.1	1.7	45.7	0.45	1.01	0.32	48
1076734	Soil	741.0	937.0	0.69	28.27	34.96	65.4	288	14.9	8.7	563	1.69	3.7	0.6	7.7	1.7	43.4	0.33	0.67	0.20	38
1076735	Soil	721.0	609.0	0.27	19.76	11.17	30.2	325	7.9	2.8	145	0.81	1.3	0.3	2.6	0.3	38.0	0.13	0.39	0.07	18
1076736	Soil	804.0	1757	0.51	22.24	97.22	169.3	642	14.8	5.7	240	1.85	9.0	0.7	23.5	2.3	39.3	0.51	1.28	0.23	42
1076737	Soil	564.0	1804	1.21	31.19	70.71	145.8	284	19.1	8.7	440	2.34	17.7	1.2	14.0	2.2	49.3	0.45	1.05	0.22	49
1076738	Soil	677.0	2147	1.69	18.62	38.64	100.6	143	18.6	11.5	546	2.75	21.7	0.4	6.8	2.3	34.5	0.33	0.74	0.23	69
1076739	Soil	526.0	1393	1.21	18.14	34.57	110.7	305	19.5	11.4	675	2.82	14.7	0.5	7.1	2.4	32.4	0.52	0.68	0.23	68
1075548	Soil	872.0	1060	0.60	38.89	27.04	109.4	273	14.0	6.0	207	1.94	31.7	0.8	1.4	2.3	25.3	0.43	1.34	0.24	46
1075549	Soil	961.0	1350	0.63	21.77	28.88	118.9	271	17.1	12.0	445	2.38	25.1	0.5	2.1	2.4	25.4	0.23	0.99	0.22	54
1075550	Soil	1037	1043	0.84	9.47	21.24	73.8	195	10.4	4.1	131	1.53	27.1	0.4	1.1	1.6	23.8	0.21	0.71	0.16	36
1075751	Soil	656.0	831.0	1.13	9.03	22.07	49.1	232	8.5	4.7	210	1.33	11.7	0.3	0.9	0.3	15.0	0.23	0.36	0.11	36
1075752	Soil	598.0	1350	0.65	10.63	9.15	32.0	64	6.4	6.8	326	1.39	5.0	0.4	1.3	0.4	19.7	0.13	0.36	0.09	35

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1075638	Soil	0.38	0.034	9.6	34.9	0.44	149.5	0.084	<1	1.72	0.017	0.07	0.2	3.8	0.07	<0.02	6	0.1	<0.02	5.7	1.08
1075639	Soil	0.41	0.050	19.2	53.0	0.55	250.8	0.081	<1	2.16	0.016	0.06	0.1	7.3	0.07	<0.02	33	0.3	0.04	5.4	0.96
1075640	Soil	0.41	0.050	13.3	36.4	0.49	146.5	0.075	<1	1.86	0.012	0.07	0.2	4.0	0.08	<0.02	19	0.1	<0.02	5.3	1.01
1075641	Soil	0.41	0.050	15.3	30.8	0.41	164.1	0.059	<1	1.49	0.014	0.05	0.3	4.0	0.08	<0.02	29	0.2	0.03	4.8	1.01
1075642	Soil	0.42	0.050	17.1	30.6	0.46	142.6	0.078	<1	1.29	0.014	0.05	0.3	3.8	0.09	<0.02	26	0.3	0.04	4.2	1.10
1075643	Soil	0.32	0.047	15.7	31.0	0.47	148.9	0.081	<1	1.38	0.017	0.07	0.4	3.6	0.08	<0.02	13	0.3	<0.02	4.3	1.11
1075644	Soil	0.21	0.055	24.7	22.7	0.29	130.5	0.028	<1	1.52	0.009	0.08	0.3	2.6	0.09	<0.02	12	0.2	<0.02	4.4	1.16
1075645	Soil	0.24	0.040	12.2	31.3	0.48	167.7	0.083	<1	1.62	0.015	0.08	0.5	4.2	0.10	<0.02	16	0.3	0.05	4.9	1.52
1075646	Soil	0.13	0.072	34.2	14.2	0.13	96.8	0.015	<1	0.83	0.008	0.06	0.9	2.4	0.10	<0.02	14	0.2	<0.02	2.7	1.14
1075647	Soil	0.72	0.108	14.2	82.0	1.27	167.1	0.075	2	1.68	0.022	0.12	0.1	6.1	0.10	0.04	31	0.2	<0.02	4.9	2.44
1075648	Soil	0.25	0.077	22.5	27.4	0.61	184.1	0.127	<1	1.74	0.016	0.25	0.5	5.2	0.50	<0.02	9	0.3	<0.02	6.9	14.99
1075649	Soil	0.25	0.098	17.4	32.5	0.60	257.2	0.109	<1	2.16	0.010	0.13	0.5	5.3	0.30	<0.02	10	0.2	0.02	8.1	6.99
1075650 Agi Dagi B	Soil	0.04	0.020	8.8	21.5	0.11	68.7	0.023	<1	1.01	0.004	0.06	0.1	2.1	0.09	0.02	32	2.6	0.40	8.2	0.84
1076728	Soil	0.39	0.049	7.7	27.4	0.55	85.3	0.078	<1	2.17	0.018	0.06	0.1	3.2	0.23	<0.02	12	0.3	<0.02	6.4	4.35
1076729	Soil	0.44	0.050	14.1	35.1	0.62	130.5	0.087	<1	1.99	0.019	0.07	0.1	4.0	0.06	<0.02	<5	0.3	0.03	6.1	1.38
1076730	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1076731	Soil	0.69	0.121	14.8	30.8	0.57	85.0	0.089	<1	1.60	0.025	0.06	0.2	4.3	0.12	<0.02	19	0.3	0.03	5.3	2.53
1076732	Soil	0.58	0.046	10.7	33.8	0.72	99.3	0.108	<1	2.50	0.019	0.11	<0.1	5.2	0.16	<0.02	15	0.5	<0.02	8.2	3.94
1076733	Soil	0.95	0.063	12.2	29.9	0.52	186.8	0.053	1	1.69	0.018	0.09	0.2	4.0	0.13	0.03	33	0.5	0.02	5.2	2.98
1076734	Soil	0.74	0.070	12.9	31.0	0.43	217.2	0.052	1	1.55	0.018	0.07	0.1	3.9	0.11	0.04	47	0.3	<0.02	4.9	2.58
1076735	Soil	0.56	0.040	5.1	11.5	0.14	128.0	0.031	<1	0.78	0.035	0.04	<0.1	1.2	0.05	0.03	18	0.2	<0.02	2.6	1.08
1076736	Soil	0.51	0.064	10.5	28.9	0.45	154.9	0.067	<1	1.49	0.015	0.08	0.2	3.2	0.13	<0.02	42	0.3	<0.02	4.8	1.88
1076737	Soil	0.49	0.047	13.1	34.2	0.49	197.3	0.068	<1	1.70	0.015	0.08	0.2	3.8	0.13	<0.02	21	0.2	0.02	5.3	2.19
1076738	Soil	0.44	0.035	10.1	36.3	0.57	163.5	0.085	<1	2.00	0.017	0.09	0.1	3.3	0.13	<0.02	9	0.2	0.07	6.7	2.47
1076739	Soil	0.38	0.026	10.8	35.4	0.59	159.8	0.092	<1	2.09	0.017	0.09	0.1	3.7	0.12	<0.02	22	0.3	<0.02	6.8	2.55
1075548	Soil	0.39	0.066	11.9	25.8	0.55	144.8	0.064	2	1.57	0.013	0.05	0.1	3.9	0.10	0.03	34	0.4	0.03	5.1	2.18
1075549	Soil	0.39	0.061	9.9	31.2	0.70	111.4	0.084	<1	1.74	0.016	0.07	0.1	3.6	0.11	0.02	28	0.2	0.06	5.8	2.33
1075550	Soil	0.39	0.064	8.5	24.0	0.46	83.4	0.072	<1	1.22	0.011	0.05	0.2	2.7	0.10	0.03	39	0.3	<0.02	5.3	1.49
1075751	Soil	0.23	0.050	4.5	18.9	0.21	50.6	0.053	<1	0.66	0.018	0.04	<0.1	1.2	0.05	0.04	24	0.3	<0.02	3.4	1.15
1075752	Soil	0.23	0.055	6.5	13.3	0.20	62.8	0.043	<1	0.71	0.024	0.04	0.1	1.4	0.04	0.03	13	0.2	<0.02	3.2	0.88

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1075638	Soil	<0.1	0.05	0.81	11.2	1.5	<0.05	3.0	4.16	18.3	<0.02	<1	0.6	9.2	<10	<2	7.9
1075639	Soil	<0.1	0.20	0.66	8.4	3.4	<0.05	9.5	11.44	34.5	0.02	<1	0.6	11.2	<10	<2	8.7
1075640	Soil	<0.1	0.10	0.96	10.2	1.0	<0.05	3.4	5.56	24.7	0.02	<1	0.4	10.5	<10	<2	8.7
1075641	Soil	<0.1	0.05	0.93	9.4	1.0	<0.05	2.0	8.23	29.0	<0.02	<1	0.6	9.1	<10	<2	9.6
1075642	Soil	<0.1	0.06	1.01	8.9	1.2	<0.05	3.2	8.10	30.9	<0.02	<1	0.5	9.3	<10	<2	7.0
1075643	Soil	<0.1	0.07	1.11	8.7	2.1	<0.05	3.5	7.75	28.7	<0.02	<1	0.4	10.1	<10	<2	6.2
1075644	Soil	<0.1	<0.02	0.77	12.3	1.3	<0.05	0.8	8.05	42.2	<0.02	<1	0.8	8.4	<10	<2	6.9
1075645	Soil	<0.1	0.07	1.07	12.6	7.3	<0.05	3.0	6.05	22.8	<0.02	<1	0.4	10.0	<10	<2	6.9
1075646	Soil	<0.1	<0.02	0.50	11.8	2.6	<0.05	0.7	11.47	60.9	0.02	<1	0.7	7.0	<10	<2	5.7
1075647	Soil	<0.1	0.06	0.97	17.9	1.3	<0.05	3.2	8.24	27.8	<0.02	<1	0.8	9.1	<10	<2	18.6
1075648	Soil	<0.1	0.12	1.55	70.0	2.8	<0.05	5.8	7.65	40.2	0.04	1	1.1	16.2	<10	<2	8.2
1075649	Soil	<0.1	0.09	1.46	33.0	3.8	<0.05	4.1	7.77	33.7	0.03	<1	0.5	19.5	<10	<2	8.1
1075650 Agi Dagi B	Soil	<0.1	0.14	0.48	9.7	0.5	<0.05	8.4	2.60	16.7	<0.02	<1	0.3	5.8	<10	2	10.6
1076728	Soil	<0.1	0.04	0.95	9.6	7.2	<0.05	1.7	2.80	15.0	<0.02	<1	0.4	13.9	<10	<2	9.4
1076729	Soil	<0.1	0.05	0.87	7.8	3.4	<0.05	2.9	6.28	27.3	<0.02	<1	0.5	14.6	<10	<2	6.5
1076730	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1076731	Soil	<0.1	0.08	0.59	7.5	4.3	<0.05	4.4	7.00	26.5	<0.02	<1	0.6	13.4	<10	<2	5.0
1076732	Soil	<0.1	0.10	1.15	11.7	4.1	<0.05	3.7	5.59	19.7	<0.02	<1	0.6	19.1	<10	<2	9.3
1076733	Soil	<0.1	0.09	1.06	10.6	3.0	<0.05	2.6	9.63	19.7	<0.02	<1	0.6	13.0	<10	<2	14.3
1076734	Soil	<0.1	0.07	0.93	8.3	3.9	<0.05	3.1	9.20	20.7	<0.02	<1	0.5	10.0	<10	<2	16.5
1076735	Soil	<0.1	0.03	0.50	5.5	0.5	<0.05	1.6	5.43	8.1	<0.02	<1	0.3	3.9	<10	<2	15.5
1076736	Soil	<0.1	0.06	0.93	8.4	1.8	<0.05	2.5	5.02	18.5	<0.02	<1	0.3	10.7	<10	<2	8.9
1076737	Soil	<0.1	0.04	1.08	8.6	4.7	<0.05	2.3	7.09	24.6	<0.02	<1	0.8	13.6	<10	<2	9.6
1076738	Soil	<0.1	0.07	1.12	11.0	6.6	<0.05	3.4	4.52	18.4	<0.02	<1	0.2	14.0	<10	<2	7.9
1076739	Soil	<0.1	0.08	1.00	12.1	6.5	<0.05	3.3	4.76	19.6	<0.02	<1	0.6	13.8	<10	<2	7.0
1075548	Soil	<0.1	0.03	1.07	7.9	2.0	<0.05	1.4	6.49	22.5	<0.02	<1	0.3	16.8	<10	<2	12.8
1075549	Soil	<0.1	0.03	1.08	8.2	2.2	<0.05	1.9	4.35	18.3	<0.02	<1	0.3	17.4	<10	<2	9.3
1075550	Soil	<0.1	0.03	0.99	6.2	1.1	<0.05	1.2	3.69	15.6	<0.02	<1	<0.1	9.6	<10	<2	10.3
1075751	Soil	<0.1	<0.02	0.58	4.6	5.5	<0.05	0.6	1.95	8.5	<0.02	<1	0.1	4.8	<10	<2	16.1
1075752	Soil	<0.1	<0.02	0.50	6.4	2.4	<0.05	0.6	2.31	11.6	<0.02	<1	0.2	4.5	<10	<2	13.6

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1075753	Soil	369.0	1347	1.99	23.27	62.80	125.1	156	15.8	11.4	596	2.36	21.7	0.5	2.3	0.7	24.7	0.48	1.00	0.17	52
1075754	Soil	685.0	1569	0.78	23.82	57.36	140.0	122	15.3	12.2	765	2.12	14.6	0.5	1.9	1.7	32.8	0.41	0.82	0.17	48
1075755	Soil	568.0	1323	1.43	24.24	79.56	107.2	206	10.4	11.3	721	1.86	10.1	0.5	2.0	0.8	24.7	0.28	0.50	0.25	39
1075756	Soil	539.0	933.0	0.67	11.73	12.44	45.7	184	8.4	8.2	578	1.39	3.7	0.4	0.7	0.2	21.5	0.15	0.28	0.10	30
1075757	Soil	834.0	1073	1.57	30.46	20.65	89.1	109	20.6	12.6	247	2.65	10.2	0.8	5.4	1.8	24.8	0.22	0.39	0.13	68
1075758	Soil	479.0	608.0	0.94	22.84	14.91	55.4	146	17.6	5.8	140	1.89	8.0	0.9	2.0	1.1	32.3	0.19	0.39	0.15	40
1075759	Soil	435.0	588.0	1.10	18.28	15.17	40.3	132	10.3	17.4	681	1.85	9.1	0.5	2.1	0.4	24.8	0.16	0.36	0.09	40
1075760	Soil	511.0	466.0	3.68	18.74	15.50	34.2	144	9.0	11.9	509	3.61	15.5	0.6	1.4	0.4	27.8	0.18	0.51	0.14	88
1075761	Soil	787.0	1887	0.70	13.42	15.23	60.4	64	13.2	9.3	395	2.30	5.8	0.4	5.5	1.7	27.6	0.10	0.47	0.11	57
1075762	Soil	650.0	1480	0.72	14.85	11.86	47.7	93	11.0	7.6	300	1.89	4.7	0.4	1.5	0.5	25.2	0.10	0.37	0.09	46
1075763	Soil	965.0	1910	0.19	25.10	11.11	53.9	79	16.0	7.4	177	2.17	7.2	0.6	5.0	2.0	24.6	0.16	0.34	0.11	48
1075764	Soil	692.0	1123	1.17	29.87	14.40	69.2	183	13.1	7.6	243	2.45	12.6	0.7	2.5	1.6	35.7	0.08	0.42	0.16	52
1075765	Soil	548.0	1060	1.25	80.32	23.92	80.0	405	11.2	7.1	272	2.38	12.9	1.6	1.7	1.0	27.6	0.39	0.38	0.26	39
1075766	Soil	638.0	1636	0.87	38.48	22.43	92.5	189	17.1	17.7	547	2.94	16.5	0.8	1.8	1.6	47.8	0.27	0.39	0.14	61
1075767	Soil	791.0	1356	0.42	10.70	11.25	52.7	64	11.7	6.7	208	1.91	5.2	0.4	3.1	1.3	26.1	0.09	0.43	0.09	44
1075768	Soil	514.0	1264	1.04	18.11	16.72	69.1	88	18.8	11.5	331	2.64	20.6	0.5	1.2	1.7	40.8	0.21	0.48	0.17	74
1075769	Soil	453.0	579.0	0.80	17.61	13.24	51.7	179	14.1	8.0	309	1.74	14.0	0.8	2.5	0.7	40.0	0.15	0.33	0.14	42
1075770	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1075771	Soil	612.0	826.0	0.52	13.14	9.99	31.1	89	9.4	4.5	103	1.20	2.7	0.4	0.8	0.4	23.0	0.13	0.19	0.10	28
1075772	Soil	622.0	1434	1.35	20.24	25.14	68.0	141	16.3	8.5	273	3.33	10.6	0.4	2.1	2.2	16.1	0.28	0.42	0.19	81
1075773	Soil	611.0	570.0	0.48	22.42	15.73	37.8	337	10.2	4.3	106	1.36	3.3	0.6	1.9	0.6	15.3	0.12	0.20	0.10	27
1075774	Soil	417.0	673.0	0.66	16.98	15.11	42.7	257	10.2	6.6	255	1.42	3.5	0.5	4.5	0.4	17.9	0.61	0.23	0.09	34
1075775	Soil	700.0	808.0	0.58	24.75	23.46	84.1	329	18.3	10.4	278	2.13	4.1	0.8	4.9	1.2	21.6	0.35	0.29	0.15	45
1075776	Soil	565.0	1609	0.80	23.58	18.91	70.2	141	16.2	9.9	481	2.19	5.9	0.5	1.5	0.9	23.9	0.25	0.35	0.13	55
1075777	Soil	585.0	1249	0.67	16.65	23.96	75.8	135	17.9	14.0	641	2.32	7.4	0.5	0.7	1.8	21.3	0.28	0.34	0.14	57
1075778	Soil	510.0	1024	0.59	12.26	28.13	65.9	247	13.7	8.8	400	1.70	6.2	0.5	4.4	0.7	22.3	0.28	0.33	0.15	39
1075779	Soil	868.0	872.0	0.67	10.82	22.66	66.1	153	14.7	7.8	213	1.95	5.4	0.5	2.1	0.7	21.7	0.17	0.22	0.14	50
1075780	Soil	608.0	1262	0.90	58.79	10.94	52.4	47	40.3	14.8	298	3.19	12.3	0.5	2.1	3.6	22.5	0.11	0.37	0.37	71
1075781	Soil	426.0	1050	1.85	95.26	16.38	60.4	182	56.5	15.7	359	3.12	13.3	20.3	6.4	4.1	35.3	0.10	0.33	0.17	85
1075782	Soil	388.0	966.0	2.62	74.30	18.17	52.4	217	45.2	14.1	350	3.18	14.5	8.6	3.3	2.4	34.9	0.09	0.29	0.18	92

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1075753	Soil	0.23	0.044	6.9	28.0	0.47	78.7	0.057	<1	1.48	0.016	0.06	0.1	2.7	0.08	0.02	26	0.2	0.04	5.5	2.81
1075754	Soil	0.41	0.076	9.6	27.4	0.51	108.0	0.057	<1	1.30	0.014	0.05	0.2	2.7	0.05	<0.02	7	0.1	<0.02	4.1	3.50
1075755	Soil	0.29	0.047	8.0	22.3	0.49	102.5	0.037	<1	1.23	0.017	0.05	0.1	2.3	0.06	<0.02	27	0.1	<0.02	4.6	4.82
1075756	Soil	0.21	0.064	5.7	18.6	0.28	81.7	0.032	<1	0.94	0.018	0.04	<0.1	1.4	0.05	0.04	44	0.4	<0.02	3.6	1.68
1075757	Soil	0.34	0.064	10.4	34.4	0.69	120.0	0.080	<1	1.97	0.014	0.07	0.2	3.6	0.09	0.03	38	0.5	<0.02	5.9	1.67
1075758	Soil	0.38	0.073	9.2	36.8	0.52	116.1	0.071	<1	1.67	0.012	0.07	0.1	2.9	0.11	0.08	53	0.7	<0.02	5.6	1.99
1075759	Soil	0.28	0.070	6.0	21.7	0.30	88.1	0.050	<1	0.99	0.016	0.05	<0.1	1.8	0.05	0.05	58	0.3	<0.02	3.6	1.70
1075760	Soil	0.28	0.123	7.7	21.0	0.18	107.1	0.027	1	0.94	0.019	0.03	0.2	1.3	0.06	0.07	53	0.4	0.02	3.8	0.77
1075761	Soil	0.38	0.079	8.1	23.7	0.62	89.7	0.072	<1	1.44	0.016	0.05	0.2	2.6	0.06	<0.02	20	0.1	<0.02	4.8	1.42
1075762	Soil	0.29	0.070	6.7	20.9	0.45	89.0	0.047	<1	1.13	0.020	0.05	0.1	1.7	0.05	0.03	24	0.3	<0.02	3.9	1.25
1075763	Soil	0.33	0.045	9.9	25.8	0.61	122.7	0.098	<1	1.50	0.015	0.10	0.1	4.0	0.08	0.03	44	0.4	<0.02	4.9	1.52
1075764	Soil	0.40	0.066	8.4	24.9	0.95	118.3	0.088	<1	1.94	0.016	0.14	0.1	4.4	0.10	0.05	38	0.5	<0.02	6.0	5.70
1075765	Soil	0.25	0.054	13.8	22.2	0.62	112.2	0.074	1	1.82	0.009	0.11	<0.1	3.6	0.10	0.07	79	0.5	0.07	6.0	5.41
1075766	Soil	0.46	0.060	9.7	27.9	0.89	138.2	0.103	<1	2.27	0.013	0.15	0.1	4.5	0.12	0.04	39	0.4	0.02	6.7	5.49
1075767	Soil	0.35	0.070	7.7	22.5	0.56	83.3	0.074	<1	1.37	0.014	0.05	0.1	2.6	0.05	0.02	42	0.4	<0.02	4.8	1.52
1075768	Soil	0.23	0.041	8.1	33.5	0.68	89.1	0.109	<1	1.72	0.012	0.09	0.2	3.3	0.11	0.03	33	0.4	<0.02	6.4	3.83
1075769	Soil	0.32	0.075	9.3	25.7	0.44	105.1	0.055	<1	1.34	0.014	0.06	0.1	2.4	0.10	0.07	55	0.6	<0.02	4.7	2.85
1075770	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1075771	Soil	0.18	0.047	6.2	18.4	0.28	67.9	0.051	<1	0.88	0.015	0.05	0.1	1.4	0.06	0.03	40	0.3	0.03	3.9	2.17
1075772	Soil	0.15	0.043	8.3	29.2	0.43	107.3	0.096	<1	2.03	0.010	0.05	0.2	2.7	0.07	<0.02	14	0.3	0.03	8.0	1.49
1075773	Soil	0.14	0.044	8.9	19.6	0.28	89.0	0.040	<1	1.16	0.020	0.04	<0.1	1.9	0.08	0.04	31	0.3	<0.02	3.6	1.04
1075774	Soil	0.17	0.053	6.9	17.9	0.33	69.1	0.046	<1	0.95	0.016	0.05	<0.1	1.6	0.04	0.04	37	0.3	<0.02	3.7	1.22
1075775	Soil	0.24	0.067	10.8	33.0	0.57	110.4	0.079	<1	1.74	0.011	0.06	0.2	3.0	0.09	0.03	43	0.5	<0.02	5.9	1.75
1075776	Soil	0.30	0.073	9.5	27.5	0.55	101.1	0.074	<1	1.33	0.016	0.05	0.1	2.6	0.06	0.03	24	0.3	<0.02	4.9	1.35
1075777	Soil	0.25	0.061	8.7	29.4	0.61	95.0	0.080	<1	1.54	0.014	0.05	0.1	3.0	0.06	<0.02	26	0.2	<0.02	5.1	1.19
1075778	Soil	0.29	0.076	10.2	31.0	0.49	96.4	0.060	<1	1.31	0.012	0.05	0.2	2.3	0.09	0.03	70	0.3	0.05	5.1	1.46
1075779	Soil	0.23	0.061	10.3	27.6	0.51	90.5	0.057	<1	1.46	0.012	0.05	0.1	2.4	0.09	0.03	26	0.3	<0.02	5.3	1.83
1075780	Soil	0.30	0.058	10.8	54.4	0.81	139.6	0.093	<1	2.30	0.013	0.07	0.2	3.7	0.08	<0.02	18	0.3	0.03	6.4	2.08
1075781	Soil	0.42	0.044	20.7	90.6	1.16	87.4	0.091	<1	2.78	0.015	0.09	0.8	5.8	0.07	<0.02	28	0.5	0.02	8.6	8.22
1075782	Soil	0.39	0.041	14.9	78.9	0.92	95.6	0.079	<1	2.67	0.015	0.06	0.6	4.1	0.08	<0.02	18	0.5	0.05	9.6	6.85

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1075753	Soil	<0.1	<0.02	0.82	9.2	19.5	<0.05	0.8	3.16	12.7	<0.02	2	0.3	12.5	<10	<2	15.8
1075754	Soil	<0.1	<0.02	0.54	6.7	2.3	<0.05	0.6	4.17	18.5	0.02	<1	0.2	14.3	<10	2	7.0
1075755	Soil	<0.1	<0.02	0.43	7.7	3.9	<0.05	0.4	3.81	15.6	<0.02	<1	0.3	11.5	<10	<2	11.3
1075756	Soil	<0.1	<0.02	0.39	5.2	3.4	<0.05	0.3	2.43	10.7	<0.02	<1	0.3	6.9	<10	<2	18.0
1075757	Soil	<0.1	0.02	1.20	8.4	2.1	<0.05	1.4	4.39	19.6	<0.02	<1	0.5	15.6	<10	<2	13.8
1075758	Soil	<0.1	<0.02	1.34	10.0	1.6	<0.05	1.4	4.31	18.1	<0.02	<1	0.3	12.4	<10	<2	27.1
1075759	Soil	<0.1	<0.02	0.68	7.3	3.3	<0.05	0.7	2.67	11.5	<0.02	<1	0.3	5.9	<10	<2	25.8
1075760	Soil	<0.1	<0.02	0.66	3.1	2.7	<0.05	0.9	3.40	13.9	<0.02	<1	0.3	4.9	<10	<2	31.7
1075761	Soil	<0.1	<0.02	0.74	6.5	2.0	<0.05	0.9	3.46	15.3	<0.02	<1	0.2	13.2	<10	<2	7.8
1075762	Soil	<0.1	<0.02	0.55	5.5	2.5	<0.05	0.5	2.91	12.5	<0.02	<1	0.1	9.8	<10	<2	12.3
1075763	Soil	<0.1	0.05	1.20	10.9	1.0	<0.05	2.2	5.75	18.8	<0.02	<1	0.3	13.0	<10	<2	12.3
1075764	Soil	<0.1	0.03	1.08	12.8	2.2	<0.05	1.5	4.85	15.0	<0.02	<1	0.4	17.7	<10	<2	14.8
1075765	Soil	<0.1	0.03	1.29	10.3	3.2	<0.05	1.1	10.33	25.4	0.03	<1	0.5	14.1	<10	<2	29.3
1075766	Soil	<0.1	0.02	1.18	13.4	2.2	<0.05	1.4	5.44	18.3	0.03	<1	0.5	20.8	<10	<2	15.7
1075767	Soil	<0.1	0.03	0.83	6.1	1.1	<0.05	1.0	3.33	14.0	<0.02	<1	0.2	11.9	<10	<2	10.0
1075768	Soil	<0.1	0.03	1.32	9.5	5.1	<0.05	1.2	2.95	14.7	<0.02	<1	0.2	16.9	<10	<2	12.9
1075769	Soil	<0.1	<0.02	0.97	8.0	2.0	<0.05	1.0	3.98	16.5	<0.02	<1	0.2	11.1	<10	<2	24.9
1075770	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1075771	Soil	<0.1	<0.02	0.61	6.0	1.1	<0.05	0.5	2.06	11.5	<0.02	<1	<0.1	6.5	<10	<2	14.3
1075772	Soil	<0.1	0.09	1.56	7.8	2.2	<0.05	3.7	2.53	15.9	<0.02	<1	0.3	16.5	<10	<2	10.7
1075773	Soil	<0.1	<0.02	0.68	6.6	1.1	<0.05	0.8	3.24	15.4	<0.02	<1	0.2	7.2	<10	<2	17.1
1075774	Soil	<0.1	<0.02	0.64	6.6	2.4	<0.05	0.6	2.49	12.4	<0.02	<1	0.1	6.4	<10	<2	18.3
1075775	Soil	<0.1	0.02	1.19	9.6	1.7	<0.05	1.4	3.72	19.6	0.02	<1	0.2	12.8	<10	<2	16.3
1075776	Soil	<0.1	<0.02	0.81	7.6	2.1	<0.05	0.9	4.00	17.4	<0.02	<1	0.2	10.4	<10	<2	11.8
1075777	Soil	<0.1	<0.02	0.87	7.1	2.4	<0.05	1.4	3.54	16.6	<0.02	<1	0.2	14.1	<10	<2	9.1
1075778	Soil	<0.1	0.02	0.92	7.5	1.9	<0.05	0.9	3.36	18.9	<0.02	<1	0.2	10.0	<10	<2	16.1
1075779	Soil	<0.1	0.02	0.96	8.9	0.7	<0.05	0.8	3.00	17.6	<0.02	<1	0.3	10.2	<10	<2	14.0
1075780	Soil	<0.1	0.12	0.80	9.9	1.3	<0.05	6.0	3.95	22.1	0.03	<1	0.6	17.0	<10	<2	6.0
1075781	Soil	<0.1	0.12	1.13	9.2	2.1	<0.05	6.8	7.35	35.0	0.03	<1	1.7	22.3	<10	<2	10.3
1075782	Soil	<0.1	0.04	1.32	9.7	2.5	<0.05	2.7	4.85	25.1	0.03	<1	1.6	21.4	<10	<2	12.0

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1075783	Soil	430.0	1389	0.71	32.60	13.05	37.1	66	34.5	9.1	205	1.96	5.4	0.4	2.0	0.7	20.9	0.15	0.20	0.08	51
1075784	Soil	378.0	1298	0.73	29.10	17.80	46.7	52	45.3	11.2	269	2.32	5.8	0.5	2.2	1.5	24.8	0.24	0.32	0.11	57
1075785	Soil	514.0	1370	0.82	67.64	17.90	51.1	82	39.0	12.0	303	2.63	7.7	0.6	5.3	2.4	27.6	0.12	0.30	0.12	65
1075786	Soil	428.0	1780	1.13	30.98	11.96	51.1	45	30.5	13.5	335	3.06	10.6	0.5	0.4	2.2	25.2	0.14	0.31	0.15	76
1075787	Soil	463.0	1141	0.80	39.84	11.88	46.5	72	31.9	10.5	249	2.45	8.4	0.6	0.7	1.7	25.4	0.09	0.35	0.12	58
1075788	Soil	343.0	1489	0.55	55.10	10.30	42.5	86	57.1	13.5	316	2.48	7.3	0.8	2.5	2.2	32.9	0.10	0.28	0.09	57
1075789	Soil	420.0	734.0	0.69	51.87	13.64	38.5	179	40.8	9.8	199	2.13	5.5	0.6	1.7	1.9	30.5	0.05	0.27	0.13	48
1075790 GS-1	Soil	N.A.	N.A.	0.66	24.26	8.47	51.4	35	29.7	13.2	432	2.78	4.0	1.4	0.2	6.8	74.0	0.06	0.14	0.20	13
1075791	Soil	354.0	993.0	0.69	79.70	11.73	45.1	130	39.9	14.6	520	2.93	12.5	1.0	2.9	3.2	35.7	0.09	0.34	0.18	69
1075792	Soil	405.0	1227	0.91	57.36	11.00	46.8	142	30.0	13.8	540	2.72	10.6	0.7	3.0	2.6	31.4	0.10	0.34	0.19	66
1075793	Soil	533.0	1052	1.00	53.95	7.28	31.0	113	33.4	12.1	435	1.70	6.6	1.7	2.7	1.4	47.6	0.09	0.25	0.11	41
1075794	Soil	477.0	1630	2.56	92.27	22.34	62.8	1057	30.3	13.8	505	2.65	21.2	10.9	13.1	1.9	113.8	0.30	0.74	0.27	58
1075795	Soil	478.0	1490	2.11	63.22	8.71	43.5	160	24.3	10.1	271	2.85	17.0	4.6	3.8	2.3	114.8	0.09	0.89	0.31	71
1075796	Soil	525.0	1283	0.61	36.89	7.78	38.3	43	26.3	9.2	245	2.02	9.5	0.5	3.7	2.3	28.9	0.08	0.28	0.11	46
1075797	Soil	445.0	1471	1.77	21.94	9.94	43.4	138	16.0	16.0	619	2.69	16.2	0.4	1.5	1.4	38.0	0.19	0.39	0.48	71
1075798	Soil	401.0	1316	1.01	18.88	11.39	49.5	140	17.1	10.8	322	2.88	15.5	0.3	0.8	1.3	59.0	0.13	0.54	0.27	66
1075799	Soil	374.0	1238	0.90	25.28	160.0	623.5	1166	11.7	10.1	432	3.46	29.8	0.7	5.3	1.2	140.6	3.13	0.50	2.64	77
1075800	Soil	500.0	1524	0.79	15.64	16.76	58.9	252	16.0	10.2	303	2.72	12.2	0.3	7.5	1.4	26.7	0.23	0.77	0.23	63
1076740	Soil	355.0	1239	0.80	16.19	40.58	151.3	358	13.0	9.7	329	2.81	10.3	0.2	2.3	1.0	29.5	0.56	0.67	0.61	63
1076741	Soil	420.0	1220	0.60	21.13	15.34	48.7	193	17.3	8.7	249	2.50	13.1	0.3	1.7	1.4	50.7	0.10	0.46	0.16	57
1076742	Soil	443.0	1466	1.02	13.38	38.60	55.8	270	15.7	8.7	254	2.64	10.3	0.3	1.7	1.4	22.6	0.22	0.40	0.17	62
1076743	Soil	495.0	1160	1.11	26.07	23.96	61.4	276	19.7	10.5	240	2.99	11.2	0.3	1.3	1.2	27.2	0.29	0.48	0.22	71
1076744	Soil	477.0	1396	1.03	17.31	23.17	47.7	43	15.9	10.4	364	2.69	9.3	0.2	0.5	1.1	36.3	0.11	0.39	0.15	59
1076745	Soil	400.0	1306	0.68	26.79	12.35	63.9	57	12.0	10.8	326	3.24	11.4	0.3	2.0	1.0	49.2	0.21	1.45	0.10	76
1076746	Soil	462.0	765.0	0.34	42.54	17.66	76.0	164	10.1	8.5	339	2.36	11.0	0.5	2.3	0.7	95.6	0.13	0.53	0.11	54
1076747	Soil	466.0	1118	1.23	22.27	10.28	40.4	164	13.8	9.7	1071	2.14	10.8	3.8	0.5	2.1	15.0	0.33	0.33	0.23	49
1076748	Soil	468.0	1212	1.11	15.11	19.23	41.5	84	14.9	6.9	348	3.24	15.6	0.5	2.7	5.9	8.9	0.12	0.51	0.28	77
1076749	Soil	460.0	793.0	1.51	11.81	12.60	35.9	124	12.5	5.6	213	2.87	15.8	0.4	1.3	2.2	10.5	0.11	0.46	0.24	71
1076750 Agi Dagi B	Soil	N.A.	N.A.	2.83	8.86	17.08	14.6	18	10.5	3.5	81	3.61	64.2	0.6	90.3	3.5	22.2	0.03	0.79	1.58	55
1075151	Soil	596.0	596.0	1.23	18.47	19.27	49.7	68	26.7	9.9	288	3.38	18.8	0.5	2.8	5.5	11.1	0.08	0.56	0.25	72

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1075783	Soil	0.28	0.036	6.3	46.3	0.59	68.4	0.093	<1	1.23	0.021	0.05	0.2	2.0	0.04	<0.02	13	0.2	<0.02	5.6	1.33
1075784	Soil	0.36	0.054	8.2	68.3	0.85	62.9	0.119	<1	1.45	0.014	0.06	0.2	2.5	0.04	<0.02	11	0.2	<0.02	6.5	1.70
1075785	Soil	0.39	0.052	11.5	58.3	0.83	125.2	0.110	<1	1.90	0.018	0.07	0.2	3.9	0.05	<0.02	13	0.3	<0.02	6.0	1.92
1075786	Soil	0.41	0.046	9.4	46.1	0.77	117.2	0.107	<1	1.96	0.013	0.10	0.2	3.3	0.06	<0.02	11	0.4	0.02	6.4	1.02
1075787	Soil	0.40	0.037	9.1	42.0	0.69	127.5	0.082	<1	1.85	0.022	0.07	0.2	3.3	0.06	<0.02	13	0.3	<0.02	6.2	1.85
1075788	Soil	0.52	0.063	12.9	59.5	1.03	102.3	0.121	<1	1.72	0.023	0.09	0.3	3.7	0.05	<0.02	20	0.4	0.03	5.9	2.01
1075789	Soil	0.42	0.030	11.5	50.4	0.63	143.2	0.084	<1	1.96	0.030	0.07	0.2	3.6	0.08	<0.02	20	0.3	0.02	6.4	1.75
1075790 GS-1	Soil	3.71	0.043	19.4	20.2	1.07	67.0	0.031	<1	1.22	0.021	0.20	<0.1	2.1	0.09	0.04	9	0.2	0.03	3.4	0.94
1075791	Soil	0.43	0.038	18.3	50.2	0.79	154.3	0.072	<1	2.06	0.017	0.07	0.2	4.3	0.07	<0.02	19	0.2	0.06	6.3	1.21
1075792	Soil	0.40	0.034	13.3	43.2	0.65	133.3	0.069	1	1.83	0.015	0.07	0.2	3.3	0.07	<0.02	11	0.1	0.08	6.2	2.00
1075793	Soil	0.79	0.097	8.1	49.7	0.63	98.9	0.064	<1	1.14	0.022	0.04	0.2	1.9	0.04	0.03	11	0.2	0.05	4.5	1.32
1075794	Soil	0.86	0.092	17.0	39.7	0.67	116.9	0.049	1	2.05	0.020	0.05	0.6	4.3	0.08	0.03	68	0.4	0.14	6.6	3.34
1075795	Soil	0.86	0.156	14.1	42.1	0.73	102.4	0.059	1	2.01	0.020	0.05	1.7	5.4	0.03	0.02	29	0.3	0.06	6.9	3.79
1075796	Soil	0.37	0.061	8.8	40.8	0.67	87.0	0.078	1	1.36	0.012	0.04	0.2	2.2	0.04	<0.02	6	0.2	0.06	4.8	1.47
1075797	Soil	0.24	0.046	6.5	25.4	0.48	90.1	0.075	<1	1.67	0.012	0.06	0.2	2.3	0.06	<0.02	12	0.1	0.04	7.9	3.65
1075798	Soil	0.47	0.042	6.6	28.2	0.53	87.2	0.054	<1	1.85	0.016	0.05	0.1	2.8	0.06	<0.02	9	0.2	0.09	6.2	3.34
1075799	Soil	0.38	0.049	7.5	19.1	0.56	85.4	0.029	<1	1.87	0.012	0.04	<0.1	2.7	0.11	0.04	25	0.2	0.12	6.1	4.44
1075800	Soil	0.28	0.023	6.3	25.4	0.57	115.9	0.038	<1	1.65	0.008	0.05	0.1	2.2	0.11	<0.02	7	0.1	0.07	5.4	1.19
1076740	Soil	0.33	0.051	4.9	19.8	0.59	56.9	0.062	1	1.64	0.013	0.04	0.2	2.4	0.05	<0.02	15	0.2	0.04	6.2	2.94
1076741	Soil	0.31	0.030	5.0	23.7	0.61	98.6	0.044	1	1.83	0.012	0.04	0.1	2.4	0.06	<0.02	14	0.2	0.04	5.1	3.28
1076742	Soil	0.21	0.019	5.4	24.8	0.45	79.5	0.050	<1	1.66	0.009	0.03	0.1	2.0	0.07	<0.02	9	0.1	0.04	5.2	2.60
1076743	Soil	0.27	0.041	7.9	30.4	0.44	98.5	0.053	<1	1.87	0.009	0.05	0.1	2.6	0.07	<0.02	9	0.1	<0.02	6.4	3.21
1076744	Soil	0.26	0.023	5.3	25.5	0.49	101.1	0.049	<1	1.65	0.012	0.05	<0.1	1.9	0.06	<0.02	<5	<0.1	0.02	5.2	4.98
1076745	Soil	0.49	0.082	5.6	19.7	0.57	55.1	0.037	1	1.66	0.013	0.07	0.4	3.7	0.03	<0.02	<5	0.1	0.04	6.4	3.48
1076746	Soil	1.08	0.163	8.5	18.1	0.56	59.7	0.033	<1	1.56	0.020	0.06	0.1	3.1	0.03	0.04	25	0.3	0.02	5.3	3.45
1076747	Soil	0.15	0.061	33.1	19.2	0.25	135.9	0.052	<1	1.28	0.007	0.08	0.2	2.1	0.25	0.03	30	0.3	0.05	6.2	5.92
1076748	Soil	0.08	0.042	11.6	27.6	0.38	60.0	0.098	<1	1.43	0.006	0.07	0.2	2.6	0.16	<0.02	22	0.3	0.02	8.2	4.33
1076749	Soil	0.10	0.041	8.1	25.7	0.33	85.9	0.052	<1	1.54	0.005	0.06	0.2	1.9	0.12	<0.02	19	0.1	0.06	7.1	2.47
1076750 Agi Dagi B	Soil	0.04	0.017	6.4	19.7	0.10	55.7	0.017	<1	0.84	0.003	0.05	0.1	1.8	0.07	<0.02	32	2.4	0.37	7.4	0.68
1075151	Soil	0.11	0.025	7.9	36.1	0.52	134.8	0.076	<1	2.26	0.006	0.06	0.2	3.1	0.11	<0.02	17	0.2	0.06	6.9	2.01

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1075783	Soil	<0.1	0.04	1.24	8.3	3.2	<0.05	2.3	2.63	10.5	<0.02	<1	0.5	11.1	<10	<2	9.8
1075784	Soil	<0.1	0.09	1.62	11.5	10.2	<0.05	3.8	2.85	15.2	<0.02	<1	0.3	11.2	<10	<2	8.0
1075785	Soil	<0.1	0.08	1.35	8.9	11.1	<0.05	4.8	5.60	21.9	<0.02	<1	0.7	15.7	<10	<2	6.9
1075786	Soil	<0.1	0.10	1.10	11.9	2.7	<0.05	4.6	3.58	18.1	<0.02	<1	0.5	17.4	<10	<2	7.0
1075787	Soil	<0.1	0.08	1.43	10.7	3.4	<0.05	4.1	3.96	17.0	<0.02	<1	0.7	15.9	<10	<2	9.8
1075788	Soil	<0.1	0.10	1.76	13.5	6.5	<0.05	6.4	7.38	24.5	<0.02	<1	0.8	15.5	<10	<2	9.6
1075789	Soil	<0.1	0.12	1.33	10.0	5.1	<0.05	6.3	5.42	16.9	<0.02	<1	0.6	13.5	<10	<2	10.5
1075790 GS-1	Soil	<0.1	0.02	0.59	13.9	0.6	<0.05	1.0	7.20	35.8	<0.02	<1	0.2	27.9	<10	<2	8.5
1075791	Soil	<0.1	0.09	1.04	9.2	3.5	<0.05	4.2	9.51	28.8	0.03	<1	1.4	14.7	<10	<2	9.9
1075792	Soil	<0.1	0.08	1.12	11.7	3.4	<0.05	3.3	5.47	22.1	<0.02	<1	1.5	14.0	<10	<2	8.8
1075793	Soil	<0.1	0.05	0.95	7.7	3.0	<0.05	2.9	3.86	15.4	<0.02	<1	0.5	11.7	<10	<2	13.0
1075794	Soil	<0.1	0.07	0.95	7.5	2.3	<0.05	3.2	13.83	26.6	<0.02	<1	1.2	18.1	<10	<2	15.0
1075795	Soil	<0.1	0.06	0.78	4.9	3.3	<0.05	2.9	7.20	21.9	0.02	<1	1.0	18.3	<10	<2	11.8
1075796	Soil	<0.1	0.05	0.85	5.6	1.7	<0.05	2.6	3.76	16.0	<0.02	<1	0.4	14.9	<10	<2	5.6
1075797	Soil	<0.1	0.05	1.23	12.6	2.1	<0.05	1.9	2.17	12.3	<0.02	<1	0.5	12.9	<10	<2	10.2
1075798	Soil	<0.1	0.03	0.92	6.0	5.0	<0.05	1.2	2.28	12.4	<0.02	<1	0.4	12.3	<10	<2	8.8
1075799	Soil	<0.1	<0.02	0.65	4.9	1.6	<0.05	0.8	2.70	13.2	<0.02	<1	0.8	14.2	<10	<2	10.1
1075800	Soil	<0.1	0.02	0.50	4.0	2.6	<0.05	0.9	1.99	12.0	<0.02	<1	0.5	14.0	<10	<2	5.8
1076740	Soil	<0.1	0.03	0.89	5.1	3.2	<0.05	1.4	2.03	9.3	<0.02	<1	0.5	14.8	<10	<2	7.4
1076741	Soil	<0.1	0.06	0.54	4.3	1.6	<0.05	2.3	2.02	9.8	<0.02	<1	0.4	15.6	<10	<2	6.6
1076742	Soil	<0.1	0.05	0.72	3.9	44.6	<0.05	2.3	1.72	10.2	<0.02	<1	0.3	11.0	<10	<2	6.8
1076743	Soil	<0.1	0.02	0.92	6.6	2.6	<0.05	1.1	2.43	12.9	<0.02	<1	0.8	11.6	<10	<2	9.1
1076744	Soil	<0.1	0.03	0.51	5.0	18.8	<0.05	1.1	1.87	10.9	<0.02	<1	0.4	10.3	<10	<2	6.1
1076745	Soil	<0.1	0.04	0.53	4.7	4.2	<0.05	1.4	2.90	10.1	<0.02	<1	0.7	13.3	<10	<2	8.0
1076746	Soil	<0.1	0.04	0.53	5.6	6.2	<0.05	1.6	6.31	13.2	<0.02	<1	0.6	12.7	<10	<2	15.3
1076747	Soil	<0.1	0.02	1.53	40.7	1.9	<0.05	0.8	13.00	54.2	<0.02	<1	0.9	7.6	<10	<2	18.6
1076748	Soil	<0.1	0.04	1.55	18.1	13.6	<0.05	1.6	3.51	21.9	<0.02	<1	0.2	8.0	<10	<2	9.9
1076749	Soil	<0.1	<0.02	1.27	17.9	1.6	<0.05	0.9	2.18	15.8	<0.02	<1	0.3	10.3	<10	<2	10.6
1076750 Agi Dagi B	Soil	<0.1	0.10	0.41	7.6	0.4	<0.05	6.2	2.28	13.5	<0.02	<1	0.2	4.7	<10	<2	10.7
1075151	Soil	<0.1	0.09	1.26	14.9	14.2	<0.05	3.5	2.68	16.8	<0.02	<1	0.6	16.1	<10	<2	7.8

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

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
1075152	Soil	537.0	537.0	2.51	14.51	13.86	41.3	54	18.7	7.9	295	3.03	15.5	0.6	0.9	7.0	13.8	0.08	0.67	0.39	74
1075153	Soil	88.00	1128	1.47	12.27	16.52	42.8	33	15.9	6.1	256	2.54	48.3	0.7	1.0	5.8	9.1	0.14	1.30	0.20	54
1075154	Soil	167.0	1200	1.36	11.95	16.62	71.7	40	20.5	10.4	410	3.73	15.8	0.5	0.7	11.4	11.2	0.19	0.63	0.25	68
1075155	Soil	333.0	1470	0.77	10.80	16.93	69.2	50	13.4	6.8	569	2.61	12.9	1.0	1.5	16.0	29.2	0.19	0.52	0.19	53
1075156	Soil	243.0	1396	0.92	13.21	111.7	216.0	54	15.0	7.8	372	3.25	34.6	0.9	1.7	17.1	14.0	0.55	2.72	0.24	66
1075157	Soil	353.0	1310	0.99	25.25	19.22	79.2	68	37.4	13.0	333	3.41	32.2	0.5	1.5	6.1	13.4	0.72	0.96	0.17	70
1075158	Soil	90.00	1150	0.92	17.18	16.79	54.0	57	23.5	13.3	476	2.93	21.3	0.7	0.3	6.2	24.6	0.14	1.30	0.23	69
1075159	Soil	88.00	1276	0.66	4.41	18.00	45.7	12	9.4	8.3	510	2.56	17.9	0.8	0.3	9.4	16.8	0.05	4.10	0.18	43
1075160	Soil	97.00	1147	0.95	18.71	13.43	60.7	20	22.9	11.3	811	2.77	11.6	0.6	1.1	2.4	26.2	0.79	0.64	0.18	65
1075161	Soil	131.0	1231	0.84	17.42	14.60	68.0	7	35.2	10.8	487	3.19	12.6	0.7	1.8	10.9	18.4	0.08	0.57	0.21	73
1075162	Soil	55.00	1238	1.17	22.69	20.74	70.4	11	47.3	14.9	559	3.41	13.2	0.7	1.6	11.0	21.2	0.08	0.77	0.22	75
1075087	Soil	169.0	852.0	0.80	21.21	7.81	51.8	40	97.6	19.2	558	3.70	9.2	1.2	0.8	1.9	141.9	0.09	0.48	0.06	88
1075088	Soil	77.00	1185	0.70	25.34	10.13	50.1	44	73.8	27.9	998	4.22	9.8	0.9	1.5	2.3	69.4	0.13	0.27	0.08	99
1075089	Soil	130.0	1312	1.16	19.31	8.39	73.1	49	33.3	20.9	735	4.27	10.1	0.5	0.8	2.2	34.3	0.13	0.25	0.12	94
1075090 GS-1	Soil		N.A.	0.76	25.11	9.83	55.7	40	31.3	13.2	440	2.85	4.3	1.6	3.9	8.4	77.6	0.09	0.21	0.25	14
1075091	Soil	63.00	1636	0.67	32.55	8.09	58.0	37	32.9	19.4	696	4.27	8.1	1.4	1.5	2.9	55.2	0.15	0.16	0.08	131
1075092	Soil	55.00	1035	1.04	15.02	7.51	65.5	51	17.7	8.1	287	2.20	3.9	0.4	1.3	1.9	20.7	0.18	0.23	0.15	61
1075093	Soil	86.00	1100	0.85	51.01	8.96	47.3	29	37.1	26.2	840	4.53	6.4	2.1	0.6	2.9	43.4	0.11	0.10	0.03	118
1075094	Soil	106.0	1346	0.74	29.10	11.15	57.7	41	66.8	17.0	472	2.99	4.9	0.5	1.1	1.9	59.6	0.16	0.18	0.08	75
1075095	Soil	92.00	850.0	0.74	46.09	10.34	40.7	44	89.4	14.2	367	3.06	5.8	2.5	3.3	3.0	149.3	0.15	0.14	0.09	77
1075096	Soil	145.0	1638	0.65	13.46	14.78	73.4	17	27.0	12.4	667	2.95	8.4	0.6	<0.2	13.6	26.7	0.09	0.33	0.14	69
1075097	Soil	131.0	1450	1.44	12.66	14.84	60.9	49	12.8	9.7	634	3.90	11.5	0.7	1.3	7.1	10.2	0.09	0.40	0.18	101
1075098	Soil	165.0	1461	1.48	15.89	14.13	71.0	38	21.4	9.2	624	3.60	12.6	0.6	0.9	13.2	12.5	0.09	0.54	0.22	83
1075099	Soil	128.0	1797	0.86	16.83	15.85	96.1	24	24.8	16.7	842	4.45	17.8	1.3	<0.2	29.6	9.7	0.05	0.32	0.31	75
1075100	Soil	157.0	1443	1.46	17.45	12.80	75.4	32	17.5	11.1	588	4.23	12.7	0.6	0.3	5.5	12.4	0.16	0.44	0.24	92
1076670 GS-1	Soil		N.A.	0.77	25.57	9.69	54.6	35	30.0	13.8	449	2.88	4.5	1.5	0.5	7.7	82.0	0.06	0.15	0.21	14
1076671	Soil	177.0	1638	0.42	52.98	7.74	58.3	93	146.3	25.2	356	3.54	2.6	1.1	2.0	3.7	95.1	0.14	0.12	0.03	76
1076672	Soil	177.0	1175	0.41	46.48	8.98	49.1	71	107.1	20.4	489	2.83	3.7	1.1	0.6	3.4	67.6	0.10	0.24	0.07	81
1076673	Soil	254.0	1423	0.40	33.57	7.85	62.6	61	88.6	23.4	387	3.65	4.4	0.7	0.8	2.1	37.0	0.17	0.25	0.10	99
1076674	Soil	277.0	1555	0.40	29.66	8.39	63.2	59	68.1	22.3	345	3.91	6.1	1.0	1.1	3.3	36.3	0.15	0.33	0.11	95

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1075152	Soil	0.12	0.020	9.7	28.0	0.37	143.9	0.057	<1	1.72	0.006	0.05	0.2	2.7	0.12	<0.02	14	0.2	0.04	7.0	2.11
1075153	Soil	0.06	0.024	10.7	23.0	0.26	99.7	0.028	<1	1.32	0.005	0.06	0.4	2.2	0.16	<0.02	21	<0.1	0.04	5.9	2.68
1075154	Soil	0.10	0.037	8.3	38.5	0.56	106.0	0.084	1	2.47	0.006	0.08	0.3	4.0	0.20	<0.02	46	0.2	0.05	7.4	4.67
1075155	Soil	0.33	0.051	24.2	26.1	0.56	201.2	0.074	<1	1.36	0.008	0.10	0.6	4.3	0.27	<0.02	8	<0.1	0.03	6.3	4.36
1075156	Soil	0.14	0.030	18.1	32.7	0.46	131.4	0.049	<1	2.11	0.007	0.05	0.6	4.2	0.19	<0.02	36	0.1	0.02	7.0	4.99
1075157	Soil	0.14	0.034	8.6	41.3	0.66	210.5	0.082	<1	2.79	0.008	0.07	0.4	4.1	0.10	<0.02	35	0.2	0.09	6.0	3.24
1075158	Soil	0.26	0.023	11.5	38.2	0.49	231.4	0.068	1	1.45	0.010	0.09	0.8	3.9	0.20	<0.02	17	0.2	0.06	6.1	5.37
1075159	Soil	0.20	0.032	14.3	15.8	0.21	93.4	0.009	<1	0.69	0.004	0.09	5.1	2.2	0.10	<0.02	<5	0.2	0.03	5.4	4.30
1075160	Soil	0.23	0.036	11.4	32.7	0.42	163.1	0.037	<1	1.58	0.009	0.05	0.7	2.8	0.13	<0.02	22	0.1	0.05	6.8	2.73
1075161	Soil	0.16	0.042	17.7	44.0	0.76	117.2	0.111	1	1.98	0.010	0.09	0.5	5.0	0.22	<0.02	23	0.4	0.04	7.1	4.11
1075162	Soil	0.16	0.039	15.3	56.7	0.77	149.9	0.111	<1	2.06	0.011	0.14	0.7	5.3	0.27	<0.02	28	0.2	0.02	7.0	5.20
1075087	Soil	1.03	0.149	10.2	146.7	0.57	169.8	0.016	1	1.10	0.008	0.13	0.5	9.0	0.09	0.04	31	0.2	0.06	3.4	3.34
1075088	Soil	0.76	0.120	11.2	105.6	0.81	157.8	0.032	2	1.30	0.012	0.11	0.3	9.7	0.05	0.03	29	0.2	0.05	3.6	3.18
1075089	Soil	0.41	0.053	8.7	59.6	0.61	207.8	0.054	<1	2.21	0.015	0.04	0.2	5.8	0.06	<0.02	17	0.1	0.05	5.7	1.79
1075090 GS-1	Soil	4.08	0.040	20.8	21.6	1.11	70.6	0.034	1	1.20	0.019	0.20	0.1	2.0	0.13	0.03	<5	<0.1	0.04	3.5	0.98
1075091	Soil	0.79	0.084	12.2	55.6	0.45	168.7	0.018	<1	1.76	0.007	0.05	0.1	14.0	0.04	0.02	23	0.2	0.02	4.7	1.60
1075092	Soil	0.22	0.025	8.3	22.5	0.34	187.0	0.062	<1	1.62	0.010	0.07	0.1	2.4	0.07	<0.02	16	<0.1	<0.02	5.8	3.79
1075093	Soil	0.57	0.077	12.4	74.1	0.36	113.9	0.007	<1	1.42	0.012	0.07	0.1	18.2	0.02	0.02	34	0.1	<0.02	3.5	1.21
1075094	Soil	0.78	0.082	9.6	86.1	0.85	168.7	0.054	1	1.69	0.015	0.06	<0.1	4.9	0.05	0.04	20	0.2	0.04	4.1	1.03
1075095	Soil	1.04	0.149	14.0	95.4	0.64	271.7	0.006	2	1.48	0.007	0.08	<0.1	7.8	0.09	0.04	24	0.3	0.04	3.6	0.76
1075096	Soil	0.23	0.041	14.0	28.8	0.66	170.2	0.122	<1	1.92	0.005	0.11	0.3	5.2	0.39	<0.02	15	0.2	<0.02	8.6	4.32
1075097	Soil	0.09	0.059	15.9	25.7	0.57	80.8	0.157	<1	1.77	0.001	0.14	0.2	5.4	0.28	<0.02	17	0.4	0.02	10.3	3.97
1075098	Soil	0.12	0.033	13.6	32.8	0.48	151.6	0.101	<1	2.40	0.002	0.07	0.2	4.5	0.25	<0.02	30	0.2	0.02	9.8	3.23
1075099	Soil	0.16	0.093	11.5	23.4	0.62	96.7	0.088	<1	3.51	<0.001	0.19	0.2	9.9	0.45	<0.02	21	0.3	0.03	8.6	7.05
1075100	Soil	0.09	0.047	7.3	27.4	0.67	122.0	0.139	<1	2.85	<0.001	0.13	0.2	6.7	0.26	<0.02	28	0.3	0.03	10.0	4.87
1076670 GS-1	Soil	3.93	0.046	21.2	21.9	1.13	72.8	0.033	<1	1.22	0.019	0.21	0.1	2.0	0.12	0.03	7	0.2	<0.02	3.5	1.04
1076671	Soil	0.86	0.144	19.5	117.4	2.78	115.1	0.086	<1	1.71	0.028	0.04	0.1	6.0	0.03	<0.02	13	0.1	<0.02	5.0	2.84
1076672	Soil	0.79	0.131	18.5	123.0	1.56	145.4	0.102	<1	1.79	0.012	0.03	0.2	5.7	0.04	0.02	37	0.4	0.03	6.3	1.41
1076673	Soil	0.61	0.090	14.8	164.3	2.26	143.7	0.104	<1	2.62	0.007	0.05	0.1	8.3	0.05	0.02	28	0.4	<0.02	8.4	1.63
1076674	Soil	0.63	0.100	19.7	150.7	2.01	146.5	0.085	<1	2.60	0.008	0.05	0.2	8.1	0.07	0.02	28	0.5	0.03	7.9	1.87

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1075152	Soil	<0.1	0.06	1.43	11.5	2.6	<0.05	2.9	3.36	19.8	<0.02	<1	0.4	11.0	<10	<2	8.3
1075153	Soil	<0.1	<0.02	1.08	16.6	7.0	<0.05	0.7	3.37	20.9	<0.02	<1	0.5	9.6	<10	<2	9.8
1075154	Soil	<0.1	0.14	2.84	20.4	7.9	<0.05	4.7	3.35	23.3	0.06	<1	0.7	25.7	<10	<2	12.8
1075155	Soil	<0.1	0.05	2.25	33.7	5.4	<0.05	1.9	11.11	40.1	0.03	<1	0.9	12.3	<10	<2	9.4
1075156	Soil	<0.1	0.07	0.74	13.0	2.2	<0.05	3.6	7.81	32.2	0.05	<1	0.9	15.6	<10	<2	7.8
1075157	Soil	<0.1	0.09	1.13	12.1	1.5	<0.05	4.2	3.84	20.1	0.03	<1	0.7	16.1	<10	<2	8.7
1075158	Soil	<0.1	0.04	1.45	32.0	5.4	<0.05	2.1	5.63	20.2	<0.02	<1	0.6	9.3	<10	<2	9.3
1075159	Soil	<0.1	0.02	0.36	20.1	4.9	<0.05	1.1	3.41	27.7	<0.02	<1	0.5	4.1	<10	<2	9.3
1075160	Soil	<0.1	<0.02	0.85	15.4	4.7	<0.05	0.6	4.65	21.5	0.02	<1	0.8	10.3	<10	<2	12.0
1075161	Soil	<0.1	0.06	1.47	18.4	4.1	<0.05	2.8	7.85	33.2	0.03	<1	1.3	15.1	<10	<2	8.7
1075162	Soil	<0.1	0.08	1.61	30.2	8.7	<0.05	3.4	6.80	31.3	<0.02	<1	1.5	16.3	<10	<2	9.0
1075087	Soil	<0.1	0.10	0.55	12.9	2.2	<0.05	3.2	8.59	21.1	0.03	<1	1.2	8.9	<10	<2	20.5
1075088	Soil	<0.1	0.12	0.51	12.1	5.5	<0.05	3.9	9.88	26.0	0.03	1	1.0	12.4	<10	<2	15.1
1075089	Soil	<0.1	0.06	0.84	6.2	2.1	<0.05	2.4	5.13	19.5	0.02	<1	0.9	15.2	<10	<2	12.3
1075090 GS-1	Soil	<0.1	0.03	0.63	13.9	0.6	<0.05	1.0	7.61	37.1	0.03	<1	0.3	32.8	<10	2	8.6
1075091	Soil	<0.1	0.07	0.48	7.1	2.2	<0.05	2.2	13.33	26.3	0.04	<1	1.3	8.7	<10	<2	14.9
1075092	Soil	<0.1	0.05	1.13	10.6	0.8	<0.05	1.9	2.58	16.3	<0.02	<1	0.3	10.0	<10	3	10.0
1075093	Soil	<0.1	0.08	0.24	6.8	7.0	<0.05	2.1	11.36	27.7	0.04	<1	1.5	5.9	<10	<2	15.7
1075094	Soil	<0.1	0.08	0.71	9.0	4.7	<0.05	3.1	6.10	20.4	0.02	<1	0.6	8.6	<10	3	17.4
1075095	Soil	<0.1	0.18	0.46	11.0	2.9	<0.05	6.2	12.22	25.8	0.04	<1	1.4	3.9	<10	<2	25.2
1075096	Soil	<0.1	0.06	1.65	47.9	2.9	<0.05	3.1	6.89	28.1	0.04	<1	1.2	23.7	<10	<2	8.5
1075097	Soil	<0.1	0.03	2.25	35.9	3.8	<0.05	2.3	6.55	30.5	0.04	<1	0.3	13.3	<10	<2	10.5
1075098	Soil	<0.1	0.07	1.58	21.7	2.7	<0.05	4.2	5.50	25.8	0.04	<1	0.3	20.7	<10	2	8.9
1075099	Soil	<0.1	0.10	1.25	54.9	3.8	<0.05	5.9	11.34	42.4	0.09	<1	1.5	18.3	<10	3	11.5
1075100	Soil	<0.1	0.12	2.13	33.5	2.6	<0.05	4.6	4.68	16.9	0.04	<1	0.6	21.6	<10	<2	10.2
1076670 GS-1	Soil	<0.1	<0.02	0.60	15.5	0.6	<0.05	1.0	7.71	38.8	<0.02	<1	0.2	31.3	<10	2	8.7
1076671	Soil	<0.1	0.23	0.98	4.4	3.7	<0.05	11.1	11.99	35.2	<0.02	1	0.8	11.3	<10	3	12.7
1076672	Soil	<0.1	0.16	1.57	5.1	1.8	<0.05	7.3	9.24	34.0	0.02	<1	1.1	13.5	<10	3	13.6
1076673	Soil	<0.1	0.11	1.31	6.4	1.8	<0.05	4.3	10.27	29.9	0.04	<1	0.6	16.1	11	2	12.7
1076674	Soil	<0.1	0.11	1.36	6.1	1.3	<0.05	4.4	10.96	38.2	0.04	<1	0.6	20.0	<10	<2	13.3

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1076675	Soil	258.0	1423	0.57	21.67	9.96	67.7	47	47.5	19.7	345	3.64	5.1	0.9	0.3	3.6	31.7	0.05	0.23	0.10	91
1076676	Soil	346.0	1181	0.63	45.01	11.75	54.8	78	54.0	17.9	249	3.24	5.8	2.3	0.8	4.9	39.5	0.05	0.23	0.09	88
1076677	Soil	96.00	1515	1.25	13.45	17.25	61.5	38	19.6	10.5	426	2.68	5.6	1.1	1.1	8.1	30.4	0.15	0.55	0.13	57
1076678	Soil	68.00	1181	1.06	9.59	12.25	41.7	30	16.4	7.2	267	2.21	4.6	0.7	0.8	6.7	18.1	0.11	0.20	0.16	50
1076679	Soil	105.0	1929	0.79	11.83	15.23	53.4	34	16.8	8.7	553	2.36	4.1	1.2	0.4	11.4	29.6	0.12	0.17	0.31	48
1076680	Soil	152.0	1171	0.60	21.50	11.09	53.0	54	34.3	16.5	381	3.01	5.7	1.1	0.8	4.4	54.2	0.16	0.31	0.11	70
1076681	Soil	191.0	1969	0.46	35.51	10.86	67.5	98	47.6	15.7	317	2.97	3.5	0.8	2.7	4.6	40.7	0.09	0.31	0.19	71
1076682	Soil	165.0	1400	0.47	37.07	10.06	68.5	95	51.0	16.7	321	3.06	3.5	0.9	2.0	4.2	39.0	0.12	0.31	0.18	74
1076683	Soil	210.0	1178	0.58	26.36	9.23	61.1	69	41.1	17.0	512	2.90	3.1	0.7	0.8	2.1	47.8	0.14	0.28	0.13	71
1076684	Soil	262.0	1382	0.47	7.30	17.07	75.0	49	24.0	11.1	421	2.48	3.8	0.6	0.9	5.8	42.3	0.05	0.28	0.14	43
1075511	Soil	108.0	1538	1.19	82.85	5.40	68.2	28	213.0	45.1	737	5.37	8.5	1.3	0.8	3.8	113.9	0.06	0.22	0.04	95
1075512	Soil	123.0	1448	1.57	39.34	7.22	60.4	78	114.2	27.8	813	3.92	8.2	1.1	2.9	3.2	40.8	0.10	0.22	0.08	89
1075513	Soil	126.0	1518	0.86	37.56	10.03	49.3	46	71.2	15.4	338	2.83	7.7	0.9	1.4	1.6	29.2	0.12	0.19	0.12	93
1075514	Soil	92.00	2037	1.08	86.24	6.36	54.2	60	105.2	23.2	325	4.11	8.9	1.1	1.5	3.5	71.2	0.08	0.19	0.07	109
1075515	Soil	460.0	1699	1.11	62.56	6.32	49.8	92	73.3	15.6	245	3.71	8.8	1.4	4.4	5.1	43.5	0.08	0.24	0.10	98
1075516	Soil	131.0	1543	0.82	76.07	18.04	64.9	47	132.6	25.7	468	3.72	6.8	1.3	1.0	2.6	55.9	0.13	0.36	0.22	102
1075517	Soil	166.0	1359	1.43	61.12	7.63	53.9	35	86.1	18.9	433	3.79	13.5	1.1	5.1	3.1	31.5	0.09	0.26	0.17	113
1075518	Soil	129.0	1210	0.78	21.48	9.56	26.9	122	44.9	8.0	170	1.94	2.4	0.7	2.1	1.1	13.8	0.08	0.17	0.19	63
1075519	Soil	75.00	1411	1.12	59.53	8.97	58.4	108	97.4	20.7	376	3.64	5.7	1.2	1.4	3.1	40.8	0.13	0.22	0.09	109
1075520	Soil	117.0	1433	1.05	46.63	9.86	50.4	50	92.7	21.0	380	3.34	10.2	1.0	1.8	2.9	31.9	0.10	0.19	0.08	92
1075081	Soil	218.0	516.0	0.21	7.90	18.22	49.2	125	11.9	6.1	216	1.77	2.9	0.9	2.6	1.3	31.5	0.12	0.36	0.14	47
1075082	Soil	243.0	586.0	0.29	8.24	19.56	50.9	116	11.7	6.2	234	1.90	3.7	0.9	2.7	1.4	31.7	0.12	0.33	0.15	52
1075083	Soil	410.0	859.0	0.44	6.63	15.08	51.7	133	10.9	5.5	177	1.85	3.2	0.7	2.0	1.1	31.5	0.12	0.27	0.16	50
1075084	Soil	414.0	927.0	0.48	7.79	11.08	56.4	79	11.8	8.6	524	2.19	5.0	0.7	2.6	2.0	30.6	0.09	0.32	0.18	57
1075085	Soil	259.0	919.0	1.03	9.65	14.81	62.8	152	13.1	15.1	2477	2.51	5.7	0.8	2.8	1.1	36.1	0.23	0.34	0.18	70
1075086	Soil	201.0	1499	0.76	10.12	16.90	66.5	55	12.4	10.1	801	2.38	7.8	0.5	1.6	1.7	25.5	0.15	0.34	0.16	60
1077194	Soil	306.0	1800	0.92	15.50	62.57	97.7	206	13.6	17.6	1826	2.74	25.7	0.7	2.0	1.3	26.8	0.28	0.57	0.20	67
1077195	Soil	229.0	1388	2.42	21.16	45.71	105.6	440	14.1	27.6	2080	3.67	31.4	0.8	6.9	1.3	31.4	0.28	0.66	0.20	90
1077196	Soil	326.0	1663	0.58	12.98	24.43	95.6	308	13.4	8.4	421	2.19	32.7	0.5	6.9	1.5	24.6	0.23	0.46	0.13	53
1077197	Soil	329.0	1501	0.92	15.89	24.25	96.7	427	14.3	8.3	396	2.45	20.3	0.6	1.9	2.1	24.9	0.30	0.63	0.15	62

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1076675	Soil	0.60	0.093	14.7	127.5	1.91	148.3	0.099	<1	2.52	0.009	0.06	0.2	6.7	0.08	<0.02	19	<0.1	0.05	8.2	1.72
1076676	Soil	0.68	0.129	24.2	94.3	1.55	142.5	0.089	1	2.00	0.011	0.05	0.2	7.0	0.06	0.02	20	0.3	<0.02	6.9	1.68
1076677	Soil	0.47	0.042	18.9	50.5	0.63	133.5	0.034	<1	1.36	0.005	0.10	0.2	3.1	0.09	<0.02	7	0.2	<0.02	4.7	1.87
1076678	Soil	0.25	0.039	17.7	31.4	0.47	88.5	0.031	<1	1.60	0.005	0.11	0.2	2.4	0.11	<0.02	15	0.2	<0.02	5.2	2.61
1076679	Soil	0.49	0.028	25.5	36.3	0.59	168.5	0.026	<1	1.55	0.005	0.09	0.2	2.8	0.10	<0.02	11	<0.1	0.03	5.3	2.33
1076680	Soil	0.95	0.102	18.3	79.3	1.16	188.3	0.045	1	1.94	0.008	0.06	0.3	5.1	0.09	0.04	23	0.3	<0.02	6.7	2.50
1076681	Soil	0.60	0.074	21.4	119.5	1.43	221.1	0.068	<1	2.31	0.013	0.09	0.5	7.9	0.09	<0.02	34	0.3	0.04	7.3	3.65
1076682	Soil	0.58	0.081	20.9	125.3	1.51	210.5	0.062	<1	2.39	0.012	0.08	0.5	8.2	0.08	<0.02	28	0.4	0.05	7.5	3.49
1076683	Soil	0.79	0.088	13.9	101.5	1.31	199.7	0.043	<1	2.22	0.012	0.07	0.3	5.5	0.07	0.04	34	0.3	0.03	6.7	2.18
1076684	Soil	0.48	0.091	29.3	54.8	0.98	171.0	0.049	<1	1.79	0.009	0.08	0.1	2.8	0.10	<0.02	11	0.2	<0.02	7.0	2.01
1075511	Soil	0.98	0.203	16.4	327.1	5.33	113.4	0.063	<1	3.04	0.003	0.04	0.2	6.8	<0.02	<0.02	5	0.2	0.03	8.7	1.22
1075512	Soil	0.48	0.168	12.3	124.7	2.43	106.8	0.076	1	1.99	0.007	0.06	0.4	3.6	0.05	<0.02	10	0.2	<0.02	7.4	4.23
1075513	Soil	0.40	0.072	11.8	206.9	1.57	75.4	0.128	<1	1.75	0.005	0.05	0.3	4.1	0.06	<0.02	9	<0.1	<0.02	7.9	3.99
1075514	Soil	0.66	0.139	12.6	135.2	2.23	62.4	0.068	1	1.71	0.009	0.06	0.1	3.8	<0.02	<0.02	6	0.1	<0.02	7.0	4.40
1075515	Soil	0.44	0.112	13.5	82.0	1.32	66.1	0.068	<1	1.97	0.006	0.05	0.1	3.4	0.04	<0.02	15	<0.1	<0.02	6.2	6.00
1075516	Soil	0.76	0.230	16.2	381.3	4.25	64.9	0.205	<1	2.36	0.008	0.05	0.8	4.8	0.02	<0.02	9	0.2	<0.02	11.0	4.92
1075517	Soil	0.32	0.111	14.1	92.0	1.78	77.2	0.079	1	1.90	0.009	0.05	0.3	3.5	0.04	<0.02	11	0.1	<0.02	6.9	6.59
1075518	Soil	0.14	0.042	8.2	145.6	0.94	49.5	0.079	<1	0.87	0.005	0.04	0.2	1.8	0.05	<0.02	20	<0.1	<0.02	7.3	4.04
1075519	Soil	0.47	0.148	12.8	161.1	2.26	66.8	0.074	<1	2.00	0.008	0.05	0.3	4.5	0.03	<0.02	15	0.1	0.04	8.3	7.04
1075520	Soil	0.41	0.135	12.7	157.9	1.99	53.6	0.065	<1	1.83	0.007	0.05	0.3	3.8	0.02	<0.02	8	0.2	<0.02	6.1	7.18
1075081	Soil	0.42	0.087	13.4	29.1	0.50	159.9	0.047	2	1.70	0.014	0.05	0.1	3.5	0.14	0.04	48	0.1	<0.02	6.2	2.42
1075082	Soil	0.44	0.084	14.0	28.1	0.50	161.7	0.048	2	1.67	0.013	0.05	0.2	3.7	0.14	0.05	47	<0.1	<0.02	6.2	2.38
1075083	Soil	0.42	0.067	11.7	26.2	0.49	149.4	0.054	2	1.57	0.013	0.05	0.2	2.8	0.15	0.03	50	<0.1	<0.02	6.8	2.60
1075084	Soil	0.44	0.096	13.4	23.7	0.54	129.2	0.061	2	1.51	0.016	0.05	0.2	3.1	0.11	0.02	25	0.1	<0.02	5.5	1.98
1075085	Soil	0.48	0.093	12.9	28.2	0.55	176.3	0.049	2	1.68	0.015	0.07	0.1	3.3	0.12	0.04	47	0.2	0.03	6.5	2.58
1075086	Soil	0.33	0.055	10.4	24.7	0.57	118.2	0.066	2	1.50	0.015	0.06	0.2	2.8	0.10	<0.02	12	<0.1	0.02	5.9	1.87
1077194	Soil	0.34	0.071	11.2	29.2	0.66	176.3	0.058	2	1.69	0.011	0.07	0.2	3.1	0.12	0.03	21	0.1	0.02	6.1	2.60
1077195	Soil	0.42	0.090	10.6	35.0	0.74	180.9	0.063	2	1.90	0.011	0.07	0.2	3.4	0.13	0.04	36	0.2	0.04	7.0	2.98
1077196	Soil	0.31	0.046	9.1	26.1	0.74	102.2	0.082	2	1.62	0.012	0.07	0.1	3.0	0.09	<0.02	25	<0.1	0.02	5.8	1.72
1077197	Soil	0.34	0.061	9.1	32.4	0.91	98.7	0.089	2	1.94	0.012	0.07	0.1	4.0	0.10	0.02	47	0.1	<0.02	6.4	1.87

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

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
1076675	Soil	<0.1	0.11	1.37	7.7	1.7	<0.05	4.1	8.10	28.8	0.03	<1	0.6	19.6	<10	<2	10.7
1076676	Soil	<0.1	0.09	1.69	6.4	1.2	<0.05	4.4	13.17	44.7	0.03	<1	1.1	17.1	<10	<2	13.0
1076677	Soil	<0.1	0.04	0.82	10.9	2.0	<0.05	1.8	4.41	33.8	0.02	<1	0.5	10.0	<10	<2	9.8
1076678	Soil	<0.1	0.02	0.91	15.7	2.4	<0.05	1.2	4.02	31.5	<0.02	<1	0.4	10.0	<10	<2	10.2
1076679	Soil	<0.1	0.03	0.75	13.5	1.8	<0.05	1.2	6.89	43.7	<0.02	<1	0.8	13.3	<10	<2	9.6
1076680	Soil	<0.1	0.08	1.14	9.7	1.8	<0.05	3.4	9.95	35.6	0.03	<1	0.6	13.6	<10	3	19.7
1076681	Soil	<0.1	0.06	0.80	11.5	2.1	<0.05	3.6	13.30	38.5	0.04	<1	0.7	17.9	<10	<2	8.7
1076682	Soil	<0.1	0.08	0.85	11.3	1.2	<0.05	3.1	13.47	38.4	0.03	<1	0.7	17.8	<10	<2	10.0
1076683	Soil	<0.1	0.05	0.77	8.3	1.4	<0.05	2.1	7.53	26.3	0.03	<1	0.5	15.1	<10	2	16.6
1076684	Soil	<0.1	0.03	0.88	11.4	0.9	<0.05	1.6	6.02	53.5	<0.02	<1	0.3	18.1	<10	<2	8.7
1075511	Soil	<0.1	0.13	0.31	3.9	1.4	<0.05	5.7	6.73	31.3	0.03	<1	2.7	30.1	<10	3	14.5
1075512	Soil	<0.1	0.04	0.70	11.6	1.1	<0.05	2.2	4.35	23.9	0.02	<1	1.4	24.4	<10	<2	11.1
1075513	Soil	<0.1	0.05	1.21	13.4	2.3	<0.05	2.4	3.85	22.3	0.02	<1	0.7	27.9	<10	<2	7.8
1075514	Soil	<0.1	0.05	0.78	8.2	1.5	<0.05	3.9	5.25	23.9	0.03	<1	1.4	19.6	<10	<2	12.5
1075515	Soil	<0.1	0.11	0.90	7.9	0.8	<0.05	5.6	5.93	26.1	0.03	<1	1.9	22.1	<10	3	10.0
1075516	Soil	<0.1	0.16	1.68	7.7	2.5	<0.05	7.3	5.62	30.9	0.02	<1	1.7	41.9	<10	3	10.4
1075517	Soil	<0.1	0.05	0.90	5.5	1.4	<0.05	2.8	4.43	24.8	0.03	<1	1.3	27.4	<10	5	11.0
1075518	Soil	<0.1	0.07	0.95	10.5	1.6	<0.05	2.0	1.75	14.7	<0.02	<1	0.2	5.8	<10	3	11.7
1075519	Soil	<0.1	0.06	0.96	7.6	2.5	<0.05	3.2	5.03	24.6	0.02	<1	1.4	25.8	<10	2	14.9
1075520	Soil	<0.1	0.05	0.75	5.6	3.6	<0.05	2.8	4.77	26.6	0.02	<1	1.1	22.8	<10	2	11.8
1075081	Soil	<0.1	0.03	1.06	8.2	0.9	<0.05	1.0	5.51	26.8	0.03	<1	0.4	15.3	<10	<2	16.3
1075082	Soil	<0.1	0.02	1.08	7.7	1.0	<0.05	1.0	5.63	27.7	0.03	<1	0.4	15.4	<10	<2	16.3
1075083	Soil	<0.1	<0.02	1.07	8.0	0.8	<0.05	0.7	4.27	23.2	<0.02	<1	0.2	13.8	<10	<2	15.2
1075084	Soil	<0.1	<0.02	0.81	8.8	0.6	<0.05	0.8	5.04	27.9	<0.02	<1	0.3	14.0	<10	<2	10.8
1075085	Soil	<0.1	<0.02	0.74	11.5	1.1	<0.05	0.5	5.03	29.0	0.03	<1	0.5	14.0	<10	<2	15.8
1075086	Soil	<0.1	<0.02	0.84	10.8	1.5	<0.05	0.8	3.82	22.0	0.02	<1	0.3	13.9	<10	<2	8.6
1077194	Soil	<0.1	<0.02	0.72	9.3	1.0	<0.05	0.5	4.80	26.3	0.03	<1	0.4	15.3	<10	<2	11.0
1077195	Soil	<0.1	<0.02	0.80	11.0	1.7	<0.05	0.6	5.45	23.6	0.03	<1	0.5	16.9	<10	<2	16.6
1077196	Soil	<0.1	0.03	0.86	9.5	1.1	<0.05	0.8	3.70	19.6	<0.02	<1	0.2	15.7	<10	<2	8.0
1077197	Soil	<0.1	0.03	0.92	9.1	0.7	<0.05	1.1	4.87	19.4	0.02	<1	0.3	19.2	<10	<2	9.2

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

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
1077198	Soil	554.0	1913	1.00	22.97	36.49	112.5	359	13.8	10.0	489	2.36	30.5	0.6	1.6	2.4	29.2	0.35	0.59	0.18	56
1077199	Soil	266.0	1310	1.00	27.17	17.91	99.9	381	13.7	9.0	437	2.53	17.3	0.6	3.1	1.3	26.5	0.30	0.59	0.17	62
1077200	Soil	137.0	1556	1.43	27.39	23.03	109.3	347	13.5	14.4	884	2.71	26.2	0.6	8.1	1.6	25.2	0.48	0.72	0.16	66
1075521	Soil	190.0	1354	0.94	14.28	9.86	60.7	39	24.5	10.5	550	3.49	8.9	1.2	1.8	17.7	21.1	0.08	0.30	0.18	80
1075522	Soil	93.00	1240	1.18	16.48	10.56	71.6	90	17.4	10.3	1221	3.43	7.6	0.6	0.8	7.7	20.6	0.21	0.42	0.22	83
1075523	Soil	219.0	1310	1.38	16.80	11.04	91.2	38	25.1	10.9	523	3.93	10.2	0.5	1.2	14.4	20.3	0.31	0.52	0.21	90
1075524	Soil	51.00	1512	1.08	20.90	12.03	128.6	11	26.7	13.8	995	4.80	12.7	1.7	0.5	49.6	12.3	0.30	0.28	0.16	91
1075525	Soil	208.0	1152	0.90	34.97	6.21	57.5	17	131.9	32.2	781	4.56	12.7	1.0	1.5	2.1	49.6	0.10	0.16	0.08	112
1075526	Soil	100.00	1310	0.48	55.07	3.73	50.9	25	104.9	18.0	217	3.84	6.0	1.4	1.4	1.9	93.3	0.30	1.06	0.06	104
1075527	Soil	133.0	1269	0.57	41.74	5.07	51.9	39	102.5	21.8	745	4.60	8.7	0.8	0.9	1.7	82.4	0.09	0.58	0.06	105
1075528	Soil	190.0	1174	0.53	42.59	3.98	65.6	20	157.1	36.2	493	5.34	7.6	0.6	0.8	1.8	98.1	0.07	0.21	0.04	125
1075529	Soil	94.00	922.0	0.92	36.63	7.16	61.2	40	85.7	20.0	319	4.25	6.4	0.5	1.0	1.2	56.4	0.15	0.15	0.10	110
1075530 GS-1	Soil		N.A.	0.70	19.68	8.66	50.1	34	25.9	11.6	431	2.77	4.0	1.5	0.3	7.6	90.1	0.06	0.16	0.21	14
1075531	Soil	157.0	1065	0.98	20.03	6.65	63.2	26	54.5	16.5	350	3.47	6.7	0.3	0.4	0.8	62.4	0.31	0.18	0.11	87
1075532	Soil	64.00	1210	0.58	61.31	7.57	56.9	36	108.5	26.3	872	3.77	21.4	1.4	1.0	2.5	75.8	0.08	0.15	0.09	86
1075533	Soil	46.00	1143	0.39	66.09	8.37	43.6	38	98.8	25.4	569	3.32	20.1	1.9	1.8	3.4	90.3	0.15	0.15	0.09	77
1075534	Soil	25.00	1140	0.58	49.82	11.14	47.1	51	84.8	19.1	534	3.36	20.8	1.9	1.9	3.7	102.7	0.10	0.15	0.09	78
1075535	Soil	64.00	1179	0.70	41.95	13.68	36.5	51	94.0	26.7	922	3.21	16.4	1.8	2.0	3.9	93.2	0.12	0.12	0.08	58
1075536	Soil	48.00	1402	0.45	91.56	11.94	42.1	63	43.2	13.9	648	2.48	9.8	2.4	1.2	9.5	159.7	0.08	0.14	0.09	66
1075537	Soil	75.00	1020	0.79	41.09	10.25	41.5	29	30.1	9.4	253	2.51	11.0	0.7	1.4	0.9	32.1	0.11	0.22	0.10	73

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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	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
1077198	Soil	0.37	0.072	10.3	26.5	0.77	101.3	0.094	2	1.56	0.015	0.07	0.2	3.4	0.09	<0.02	21	0.2	<0.02	5.2	1.92
1077199	Soil	0.32	0.059	9.6	27.1	0.86	117.0	0.081	2	1.85	0.012	0.07	0.1	3.4	0.12	0.03	32	0.1	<0.02	6.7	3.02
1077200	Soil	0.36	0.078	10.2	25.7	0.82	90.9	0.083	2	1.67	0.012	0.07	0.2	3.6	0.09	0.03	31	0.1	0.03	6.3	2.01
1075521	Soil	0.27	0.065	28.3	44.4	0.73	151.3	0.095	2	2.20	0.011	0.09	0.1	4.6	0.21	<0.02	21	<0.1	<0.02	8.0	2.36
1075522	Soil	0.18	0.052	12.8	31.3	0.56	200.9	0.115	2	2.02	0.012	0.10	<0.1	4.0	0.33	<0.02	26	0.2	<0.02	9.2	2.73
1075523	Soil	0.18	0.037	14.1	39.4	0.72	120.5	0.137	2	2.94	0.008	0.13	<0.1	4.5	0.38	<0.02	20	0.1	0.03	10.2	3.69
1075524	Soil	0.09	0.052	56.3	25.7	1.03	90.8	0.091	3	2.70	0.006	0.25	0.2	8.4	0.45	<0.02	17	<0.1	0.04	13.6	5.60
1075525	Soil	0.56	0.065	8.5	267.1	1.06	257.4	0.032	2	2.89	0.011	0.06	<0.1	9.0	0.10	<0.02	18	<0.1	<0.02	7.6	3.11
1075526	Soil	1.00	0.167	16.0	196.3	0.76	207.0	0.031	2	1.53	0.033	0.05	<0.1	11.5	0.08	0.03	26	<0.1	<0.02	3.7	2.20
1075527	Soil	0.96	0.151	11.8	227.3	1.02	229.3	0.016	2	2.13	0.017	0.05	<0.1	9.4	0.06	0.03	22	<0.1	<0.02	5.4	2.83
1075528	Soil	0.80	0.135	12.2	283.0	2.69	160.9	0.055	2	2.76	0.028	0.04	<0.1	10.2	0.03	<0.02	11	<0.1	<0.02	6.6	2.85
1075529	Soil	0.36	0.030	5.0	136.8	2.27	123.3	0.092	2	2.24	0.019	0.07	<0.1	5.3	0.07	<0.02	20	<0.1	0.02	8.8	5.64
1075530 GS-1	Soil	3.66	0.042	20.0	21.0	1.07	72.3	0.032	1	1.23	0.021	0.21	<0.1	2.0	0.10	0.04	6	0.1	<0.02	3.3	1.02
1075531	Soil	0.53	0.033	3.8	87.2	1.42	118.7	0.094	2	1.97	0.025	0.07	<0.1	2.7	0.06	<0.02	18	<0.1	0.02	7.7	8.14
1075532	Soil	0.86	0.114	12.0	191.5	1.08	204.5	0.023	4	2.22	0.014	0.15	<0.1	9.2	0.20	0.03	26	0.1	0.04	6.2	4.74
1075533	Soil	0.83	0.114	15.9	148.6	0.92	199.6	0.021	3	2.07	0.016	0.13	<0.1	9.4	0.20	0.03	24	0.1	0.03	5.5	3.83
1075534	Soil	0.86	0.134	13.0	123.3	1.11	219.3	0.033	4	2.21	0.015	0.20	<0.1	7.5	0.22	0.02	26	0.1	0.03	5.8	5.53
1075535	Soil	0.81	0.174	18.5	125.1	0.83	165.7	0.021	4	1.91	0.014	0.26	<0.1	6.8	0.18	<0.02	17	0.1	0.04	5.2	1.98
1075536	Soil	0.96	0.208	21.1	40.1	1.15	387.2	0.028	6	2.79	0.022	0.28	<0.1	5.6	0.15	<0.02	13	<0.1	<0.02	7.0	9.51
1075537	Soil	0.48	0.098	9.4	46.4	0.51	114.9	0.034	2	1.85	0.011	0.09	<0.1	2.8	0.10	<0.02	21	<0.1	<0.02	6.1	2.55

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

CERTIFICATE OF ANALYSIS WHI11000822.3

	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
1077198	Soil	<0.1	0.03	0.76	7.7	0.7	<0.05	1.1	5.67	22.8	<0.02	<1	0.2	15.5	<10	<2	6.3
1077199	Soil	<0.1	<0.02	0.87	9.8	0.9	<0.05	0.6	4.90	20.9	0.02	<1	0.3	17.0	<10	<2	10.5
1077200	Soil	<0.1	<0.02	0.85	8.9	2.2	<0.05	0.7	5.27	22.3	0.02	<1	0.3	17.4	<10	<2	11.1
1075521	Soil	<0.1	0.07	1.01	23.7	1.9	<0.05	3.4	11.90	48.7	0.04	<1	0.6	24.6	<10	<2	8.1
1075522	Soil	<0.1	0.03	1.49	42.5	2.6	<0.05	1.7	4.23	32.0	0.04	<1	0.4	17.3	<10	<2	9.5
1075523	Soil	<0.1	0.15	1.54	49.4	2.2	<0.05	6.3	4.77	41.8	0.05	<1	0.6	23.1	<10	<2	9.9
1075524	Soil	<0.1	0.13	1.07	53.1	5.3	<0.05	9.3	16.76	141.7	0.05	<1	1.2	24.9	<10	<2	12.5
1075525	Soil	<0.1	0.06	0.43	7.3	1.9	<0.05	2.7	6.22	21.4	0.05	<1	0.8	19.9	<10	<2	16.2
1075526	Soil	<0.1	0.12	0.52	5.0	1.3	<0.05	3.8	14.57	37.8	0.04	<1	1.3	8.1	<10	<2	17.8
1075527	Soil	<0.1	0.12	0.46	5.0	1.4	<0.05	2.8	9.85	28.2	0.04	<1	1.3	12.7	<10	<2	18.7
1075528	Soil	<0.1	0.13	0.19	3.3	1.2	<0.05	5.1	8.91	29.7	0.04	<1	1.0	15.3	<10	3	13.7
1075529	Soil	<0.1	0.15	0.74	11.0	2.0	<0.05	7.0	2.64	12.5	0.02	<1	0.4	15.6	<10	<2	13.5
1075530 GS-1	Soil	<0.1	<0.02	0.66	14.8	0.6	<0.05	0.9	7.54	43.0	<0.02	<1	0.3	30.8	<10	<2	8.6
1075531	Soil	<0.1	0.06	1.02	13.8	1.4	<0.05	2.8	1.44	8.6	0.03	<1	0.2	19.9	<10	<2	14.4
1075532	Soil	<0.1	0.17	0.50	16.3	2.4	<0.05	4.7	8.43	28.2	0.05	<1	1.1	23.4	<10	<2	21.6
1075533	Soil	<0.1	0.22	0.58	13.9	2.9	<0.05	7.3	11.37	37.1	0.03	<1	1.3	19.6	<10	<2	21.3
1075534	Soil	<0.1	0.19	0.47	25.0	5.1	<0.05	6.8	8.74	30.9	0.03	<1	1.3	27.4	<10	<2	18.6
1075535	Soil	<0.1	0.16	0.26	25.2	4.9	<0.05	5.5	11.36	43.3	0.04	<1	1.4	21.8	<10	<2	17.2
1075536	Soil	<0.1	0.20	0.20	29.6	2.6	<0.05	13.4	9.16	58.5	0.04	<1	3.1	35.4	<10	<2	15.9
1075537	Soil	<0.1	<0.02	0.51	14.9	4.5	<0.05	0.7	4.07	22.3	0.03	<1	1.2	11.3	<10	<2	13.1

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

QUALITY CONTROL REPORT WHI11000822.3

		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	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																						
1075501	Soil		204.0	1417	0.70	37.05	7.32	53.5	54	172.1	26.2	428	3.71	11.2	1.1	3.0	4.8	56.1	0.21	0.50	0.14	82
REP 1075501	QC				0.69	38.03	7.00	55.5	57	171.3	25.8	430	3.66	11.3	1.1	1.6	4.7	56.2	0.18	0.48	0.12	82
1077179	Soil		216.0	890.0	1.27	30.12	44.47	63.6	152	30.6	9.4	270	2.70	9.7	0.8	2.5	2.1	39.0	0.30	0.56	0.55	70
REP 1077179	QC				1.27	31.34	44.56	60.6	162	30.9	9.6	273	2.65	9.5	0.8	7.9	2.1	38.5	0.29	0.55	0.49	69
1077189	Soil		382.0	1114	1.08	74.98	18.75	91.4	181	26.3	13.1	287	2.75	5.1	2.5	4.3	6.0	21.1	0.37	0.56	0.26	58
REP 1077189	QC																					
1075609	Soil		229.0	1574	1.19	27.61	27.84	105.3	142	24.7	15.5	426	3.14	26.4	0.3	2.6	2.0	33.8	0.40	0.87	0.12	74
REP 1075609	QC				1.17	27.72	28.58	109.8	145	25.1	14.4	441	3.15	27.2	0.3	1.0	1.9	33.3	0.37	0.83	0.14	73
1075610 GS-1	Soil			N.A.	0.71	22.69	8.66	52.9	33	27.8	12.1	443	2.84	4.8	1.2	0.6	6.6	81.1	0.06	0.17	0.20	14
REP 1075610 GS-1	QC																					
1076701	Soil		246.0	640.0	0.54	24.48	3.74	45.5	36	52.8	17.0	551	2.96	12.8	0.7	0.5	1.0	64.6	0.10	0.97	0.06	75
REP 1076701	QC				0.56	24.12	3.93	48.1	36	53.9	16.5	541	2.98	13.3	0.8	0.8	1.1	66.1	0.10	1.02	0.06	74
1076705	Soil		98.00	1314	0.64	34.37	5.35	48.3	50	87.9	18.3	567	3.45	9.5	0.8	5.6	1.9	84.9	0.09	2.66	0.10	82
REP 1076705	QC				0.58	34.61	5.26	49.5	58	87.1	18.4	573	3.46	9.5	0.8	4.6	1.9	84.0	0.08	2.69	0.11	84
1076715	Soil		251.0	711.0	0.29	22.91	4.34	30.6	80	38.3	7.7	218	1.71	3.2	1.5	2.6	2.9	41.8	0.07	0.40	0.13	32
REP 1076715	QC				0.30	23.87	4.40	30.2	76	39.9	8.1	222	1.74	2.8	1.5	2.4	3.1	44.5	0.09	0.41	0.13	33
1076409	Soil		242.0	1382	1.46	19.03	29.70	71.0	30	14.6	10.6	505	3.69	19.4	0.3	6.5	1.5	29.6	0.42	1.22	0.18	121
REP 1076409	QC																					
1076416	Soil		224.0	1407	0.64	25.78	22.80	56.8	324	17.4	10.3	456	2.81	14.3	0.7	3.1	3.1	54.1	0.12	1.27	0.18	63
REP 1076416	QC				0.62	24.65	21.79	54.9	332	17.0	9.9	436	2.82	13.7	0.7	4.2	3.0	52.0	0.11	1.23	0.19	61
1076431	Soil		195.0	878.0	0.69	38.18	55.33	45.6	120	24.2	10.2	378	2.51	7.1	0.6	3.6	3.6	38.8	0.22	0.54	0.35	63
REP 1076431	QC				0.73	38.54	52.07	48.1	201	24.1	10.3	377	2.51	8.1	0.6	3.3	3.4	37.5	0.24	0.52	0.30	64
1075642	Soil		244.0	1308	0.85	24.99	9.10	40.9	38	20.2	8.5	264	2.18	7.2	1.6	1.5	7.2	29.9	0.07	0.50	0.55	47
REP 1075642	QC				0.83	24.18	8.53	39.0	41	20.1	8.2	267	2.15	6.7	1.5	2.2	7.0	29.2	0.08	0.47	0.51	47
1075648	Soil		103.0	1234	1.02	14.11	10.18	65.1	18	16.8	12.2	858	3.40	15.0	1.0	<0.2	11.1	20.0	0.10	1.39	0.22	73
REP 1075648	QC																					
1076738	Soil		677.0	2147	1.69	18.62	38.64	100.6	143	18.6	11.5	546	2.75	21.7	0.4	6.8	2.3	34.5	0.33	0.74	0.23	69
REP 1076738	QC				1.66	17.18	38.25	91.9	154	18.8	11.3	523	2.69	20.8	0.4	5.9	2.1	33.4	0.32	0.76	0.23	67

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

QUALITY CONTROL REPORT WHI11000822.3

	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	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
Pulp Duplicates																					
1075501	Soil	0.53	0.070	13.6	152.3	2.97	243.5	0.083	3	2.50	0.013	0.07	0.1	4.8	0.16	<0.02	13	0.1	0.03	6.7	5.52
REP 1075501	QC	0.53	0.070	13.3	148.8	2.96	235.1	0.083	2	2.52	0.013	0.08	0.1	4.7	0.17	<0.02	17	0.1	0.03	7.0	5.60
1077179	Soil	0.28	0.088	10.8	72.2	0.68	79.4	0.090	<1	1.63	0.007	0.05	0.2	2.3	0.08	<0.02	26	0.2	0.06	7.3	4.79
REP 1077179	QC	0.28	0.091	10.8	72.5	0.67	81.6	0.090	<1	1.60	0.007	0.04	0.3	2.3	0.07	<0.02	20	0.1	0.05	7.3	4.75
1077189	Soil	0.24	0.045	26.6	41.9	0.89	177.7	0.045	<1	2.12	0.007	0.07	0.1	6.3	0.09	0.03	60	1.0	0.06	6.4	2.22
REP 1077189	QC																				
1075609	Soil	0.42	0.034	6.8	36.8	0.81	151.1	0.088	2	2.45	0.009	0.06	0.2	3.5	0.09	<0.02	9	0.3	0.07	6.5	2.52
REP 1075609	QC	0.41	0.035	6.6	38.0	0.81	149.4	0.085	<1	2.47	0.009	0.06	0.1	3.5	0.09	<0.02	14	0.2	0.02	6.6	2.45
1075610 GS-1	Soil	4.08	0.044	18.8	22.6	1.11	75.8	0.032	<1	1.21	0.020	0.21	0.1	2.2	0.11	0.03	6	0.4	0.05	3.7	1.10
REP 1075610 GS-1	QC																				
1076701	Soil	1.03	0.114	7.5	116.7	0.47	215.2	0.023	3	1.17	0.015	0.04	0.1	7.9	0.04	0.05	27	0.4	0.02	3.4	2.08
REP 1076701	QC	1.05	0.130	7.8	122.6	0.52	227.0	0.023	2	1.19	0.015	0.04	0.1	8.1	0.05	0.05	28	0.3	<0.02	3.5	2.07
1076705	Soil	1.00	0.158	13.5	136.6	0.58	159.3	0.019	3	1.22	0.015	0.04	0.1	10.8	0.06	0.03	28	0.3	<0.02	3.8	3.45
REP 1076705	QC	1.00	0.156	13.9	137.4	0.58	158.5	0.018	2	1.23	0.014	0.04	0.1	10.9	0.06	0.03	16	0.3	<0.02	3.7	3.28
1076715	Soil	0.43	0.058	12.4	38.1	0.42	159.1	0.051	<1	1.28	0.021	0.06	0.1	3.7	0.08	0.03	46	0.3	<0.02	4.0	1.52
REP 1076715	QC	0.46	0.058	12.6	37.1	0.42	159.5	0.053	<1	1.27	0.022	0.06	0.1	3.9	0.09	0.03	35	0.4	0.03	4.1	1.57
1076409	Soil	0.26	0.057	7.2	32.8	0.60	151.7	0.084	<1	1.90	0.014	0.07	0.5	3.6	0.09	<0.02	22	<0.1	0.02	9.4	3.33
REP 1076409	QC																				
1076416	Soil	0.48	0.043	23.6	34.9	0.55	284.1	0.052	1	1.82	0.014	0.13	0.9	5.0	0.11	<0.02	42	<0.1	0.03	5.5	5.27
REP 1076416	QC	0.49	0.041	23.0	32.7	0.55	279.5	0.049	1	1.81	0.014	0.13	0.9	4.9	0.11	<0.02	28	<0.1	<0.02	5.4	5.18
1076431	Soil	0.46	0.042	10.4	52.0	0.69	83.2	0.078	1	1.73	0.023	0.07	0.2	3.6	0.11	<0.02	25	<0.1	0.03	5.3	3.76
REP 1076431	QC	0.44	0.040	10.1	52.6	0.68	77.9	0.078	<1	1.71	0.023	0.07	0.2	3.7	0.11	<0.02	18	<0.1	0.02	5.4	3.58
1075642	Soil	0.42	0.050	17.1	30.6	0.46	142.6	0.078	<1	1.29	0.014	0.05	0.3	3.8	0.09	<0.02	26	0.3	0.04	4.2	1.10
REP 1075642	QC	0.41	0.045	16.7	31.1	0.43	144.5	0.078	<1	1.32	0.014	0.05	0.3	3.5	0.08	<0.02	23	0.3	<0.02	4.1	1.09
1075648	Soil	0.25	0.077	22.5	27.4	0.61	184.1	0.127	<1	1.74	0.016	0.25	0.5	5.2	0.50	<0.02	9	0.3	<0.02	6.9	14.99
REP 1075648	QC																				
1076738	Soil	0.44	0.035	10.1	36.3	0.57	163.5	0.085	<1	2.00	0.017	0.09	0.1	3.3	0.13	<0.02	9	0.2	0.07	6.7	2.47
REP 1076738	QC	0.44	0.033	9.8	35.0	0.54	161.8	0.083	<1	1.91	0.017	0.08	0.1	3.0	0.12	<0.02	10	0.2	0.03	6.1	2.43

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

QUALITY CONTROL REPORT WHI11000822.3

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
Pulp Duplicates																	
1075501	Soil	<0.1	0.11	0.52	11.0	0.9	<0.05	5.2	5.34	28.1	0.05	<1	0.9	18.1	<10	<2	12.3
REP 1075501	QC	<0.1	0.09	0.46	11.1	0.9	<0.05	4.8	5.30	27.6	0.04	<1	1.0	17.1	<10	<2	
1077179	Soil	<0.1	0.04	1.23	8.7	0.7	<0.05	2.0	3.90	20.2	0.02	<1	0.5	17.0	<10	<2	10.1
REP 1077179	QC	<0.1	0.04	1.30	8.8	0.6	<0.05	2.0	4.09	19.6	0.03	<1	0.7	15.8	<10	<2	
1077189	Soil	<0.1	0.04	1.01	8.9	0.8	<0.05	2.7	18.45	46.2	0.03	<1	0.9	14.5	<10	<2	12.0
REP 1077189	QC																12.0
1075609	Soil	<0.1	0.03	0.91	8.6	1.0	<0.05	2.0	3.24	15.7	<0.02	<1	0.6	24.4	<10	<2	8.5
REP 1075609	QC	<0.1	0.04	0.91	8.1	1.0	<0.05	1.9	3.19	15.2	<0.02	<1	0.6	25.0	<10	<2	
1075610 GS-1	Soil	<0.1	0.02	0.70	15.9	0.6	<0.05	1.0	7.79	42.2	<0.02	<1	0.3	33.3	<10	<2	8.6
REP 1075610 GS-1	QC																8.6
1076701	Soil	<0.1	0.09	0.56	4.3	0.5	<0.05	3.2	7.96	18.9	0.03	<1	0.8	4.9	<10	<2	23.3
REP 1076701	QC	<0.1	0.08	0.58	4.1	0.6	<0.05	3.5	8.36	20.5	0.03	<1	0.8	5.0	<10	<2	
1076705	Soil	<0.1	0.09	0.45	4.5	1.9	<0.05	3.6	12.69	27.8	0.04	<1	1.6	5.0	<10	<2	20.6
REP 1076705	QC	<0.1	0.10	0.45	4.3	1.7	<0.05	3.8	12.82	28.2	0.03	1	1.2	4.6	<10	<2	
1076715	Soil	<0.1	0.05	1.03	9.5	0.8	<0.05	2.7	9.12	25.7	0.02	<1	0.6	7.2	<10	<2	17.4
REP 1076715	QC	<0.1	0.06	1.00	10.3	0.9	<0.05	2.9	9.40	26.7	0.03	<1	0.5	7.6	<10	<2	
1076409	Soil	<0.1	0.05	1.33	8.2	5.9	<0.05	1.6	2.49	15.4	0.04	<1	0.3	14.5	<10	<2	8.5
REP 1076409	QC																8.3
1076416	Soil	<0.1	0.07	0.65	11.5	11.3	<0.05	2.8	21.20	32.4	0.02	<1	1.0	16.8	<10	<2	7.7
REP 1076416	QC	<0.1	0.07	0.56	10.9	10.8	<0.05	2.8	20.63	31.3	<0.02	<1	1.0	17.0	<10	<2	
1076431	Soil	<0.1	0.12	1.23	9.0	7.5	<0.05	5.8	4.99	26.8	0.04	<1	0.7	16.4	<10	<2	8.8
REP 1076431	QC	<0.1	0.12	1.14	8.4	7.0	<0.05	5.5	4.81	25.7	0.03	<1	0.8	15.4	<10	<2	8.8
1075642	Soil	<0.1	0.06	1.01	8.9	1.2	<0.05	3.2	8.10	30.9	<0.02	<1	0.5	9.3	<10	<2	7.0
REP 1075642	QC	<0.1	0.06	1.02	8.6	1.4	<0.05	3.0	7.56	30.4	<0.02	<1	0.7	7.8	<10	<2	
1075648	Soil	<0.1	0.12	1.55	70.0	2.8	<0.05	5.8	7.65	40.2	0.04	1	1.1	16.2	<10	<2	8.2
REP 1075648	QC																8.1
1076738	Soil	<0.1	0.07	1.12	11.0	6.6	<0.05	3.4	4.52	18.4	<0.02	<1	0.2	14.0	<10	<2	7.9
REP 1076738	QC	<0.1	0.07	1.07	10.2	6.2	<0.05	3.2	4.43	17.6	<0.02	<1	0.4	13.6	<10	<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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

QUALITY CONTROL REPORT WHI11000822.3

		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
1075768	Soil	514.0	1264	1.04	18.11	16.72	69.1	88	18.8	11.5	331	2.64	20.6	0.5	1.2	1.7	40.8	0.21	0.48	0.17	74
REP 1075768	QC			1.05	18.85	17.53	74.1	86	19.3	12.0	335	2.69	21.6	0.5	1.7	1.8	40.0	0.25	0.43	0.17	75
1075777	Soil	585.0	1249	0.67	16.65	23.96	75.8	135	17.9	14.0	641	2.32	7.4	0.5	0.7	1.8	21.3	0.28	0.34	0.14	57
REP 1075777	QC			0.64	15.98	22.15	71.4	127	16.4	13.6	601	2.24	7.1	0.4	1.8	1.7	21.4	0.25	0.34	0.12	57
1075780	Soil	608.0	1262	0.90	58.79	10.94	52.4	47	40.3	14.8	298	3.19	12.3	0.5	2.1	3.6	22.5	0.11	0.37	0.37	71
REP 1075780	QC																				
1075794	Soil	477.0	1630	2.56	92.27	22.34	62.8	1057	30.3	13.8	505	2.65	21.2	10.9	13.1	1.9	113.8	0.30	0.74	0.27	58
REP 1075794	QC			2.60	94.43	22.70	66.2	1051	30.7	14.1	534	2.74	21.8	11.4	11.9	1.9	120.5	0.31	0.72	0.28	61
1075157	Soil	353.0	1310	0.99	25.25	19.22	79.2	68	37.4	13.0	333	3.41	32.2	0.5	1.5	6.1	13.4	0.72	0.96	0.17	70
REP 1075157	QC			0.98	26.81	19.74	79.4	69	40.5	13.4	339	3.40	33.7	0.5	2.7	6.3	13.2	0.73	0.93	0.17	70
1076675	Soil	258.0	1423	0.57	21.67	9.96	67.7	47	47.5	19.7	345	3.64	5.1	0.9	0.3	3.6	31.7	0.05	0.23	0.10	91
REP 1076675	QC			0.57	21.72	9.70	65.5	52	47.9	19.3	336	3.52	5.2	0.9	2.3	3.6	30.9	0.06	0.23	0.10	88
1075514	Soil	92.00	2037	1.08	86.24	6.36	54.2	60	105.2	23.2	325	4.11	8.9	1.1	1.5	3.5	71.2	0.08	0.19	0.07	109
REP 1075514	QC																				
1075515	Soil	460.0	1699	1.11	62.56	6.32	49.8	92	73.3	15.6	245	3.71	8.8	1.4	4.4	5.1	43.5	0.08	0.24	0.10	98
REP 1075515	QC			1.22	61.37	6.48	50.5	98	70.8	15.4	250	3.77	8.7	1.4	3.3	5.1	45.1	0.09	0.25	0.10	100
1075521	Soil	190.0	1354	0.94	14.28	9.86	60.7	39	24.5	10.5	550	3.49	8.9	1.2	1.8	17.7	21.1	0.08	0.30	0.18	80
REP 1075521	QC			0.90	14.52	9.59	61.9	52	25.3	11.0	550	3.34	8.9	1.2	2.6	17.3	21.0	0.09	0.28	0.19	75
1075537	Soil	75.00	1020	0.79	41.09	10.25	41.5	29	30.1	9.4	253	2.51	11.0	0.7	1.4	0.9	32.1	0.11	0.22	0.10	73
REP 1075537	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

QUALITY CONTROL REPORT WHI11000822.3

		1F30 Ca % 0.01	1F30 P % 0.001	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 Tl 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
1075768	Soil	0.23	0.041	8.1	33.5	0.68	89.1	0.109	<1	1.72	0.012	0.09	0.2	3.3	0.11	0.03	33	0.4	<0.02	6.4	3.83
REP 1075768	QC	0.24	0.042	8.0	35.4	0.70	87.4	0.112	<1	1.76	0.012	0.09	0.2	3.4	0.11	0.03	31	0.2	0.04	6.9	3.68
1075777	Soil	0.25	0.061	8.7	29.4	0.61	95.0	0.080	<1	1.54	0.014	0.05	0.1	3.0	0.06	<0.02	26	0.2	<0.02	5.1	1.19
REP 1075777	QC	0.24	0.061	9.1	28.7	0.59	92.3	0.074	<1	1.51	0.014	0.05	0.2	2.6	0.05	<0.02	23	0.3	0.03	4.9	1.17
1075780	Soil	0.30	0.058	10.8	54.4	0.81	139.6	0.093	<1	2.30	0.013	0.07	0.2	3.7	0.08	<0.02	18	0.3	0.03	6.4	2.08
REP 1075780	QC																				
1075794	Soil	0.86	0.092	17.0	39.7	0.67	116.9	0.049	1	2.05	0.020	0.05	0.6	4.3	0.08	0.03	68	0.4	0.14	6.6	3.34
REP 1075794	QC	0.89	0.092	17.3	41.2	0.69	116.8	0.050	<1	2.14	0.021	0.05	0.5	4.5	0.09	0.03	58	0.4	0.17	6.9	3.38
1075157	Soil	0.14	0.034	8.6	41.3	0.66	210.5	0.082	<1	2.79	0.008	0.07	0.4	4.1	0.10	<0.02	35	0.2	0.09	6.0	3.24
REP 1075157	QC	0.14	0.031	8.6	40.3	0.66	211.4	0.082	1	2.77	0.008	0.07	0.3	4.0	0.11	<0.02	37	0.2	<0.02	6.5	3.12
1076675	Soil	0.60	0.093	14.7	127.5	1.91	148.3	0.099	<1	2.52	0.009	0.06	0.2	6.7	0.08	<0.02	19	<0.1	0.05	8.2	1.72
REP 1076675	QC	0.59	0.095	14.3	119.5	1.81	136.7	0.095	<1	2.41	0.009	0.05	0.2	6.6	0.08	<0.02	19	0.2	<0.02	8.2	1.62
1075514	Soil	0.66	0.139	12.6	135.2	2.23	62.4	0.068	1	1.71	0.009	0.06	0.1	3.8	<0.02	<0.02	6	0.1	<0.02	7.0	4.40
REP 1075514	QC																				
1075515	Soil	0.44	0.112	13.5	82.0	1.32	66.1	0.068	<1	1.97	0.006	0.05	0.1	3.4	0.04	<0.02	15	<0.1	<0.02	6.2	6.00
REP 1075515	QC	0.44	0.118	14.2	85.4	1.36	69.9	0.071	<1	2.04	0.006	0.05	0.1	3.5	0.05	<0.02	18	0.3	0.04	6.2	6.33
1075521	Soil	0.27	0.065	28.3	44.4	0.73	151.3	0.095	2	2.20	0.011	0.09	0.1	4.6	0.21	<0.02	21	<0.1	<0.02	8.0	2.36
REP 1075521	QC	0.25	0.063	28.2	43.3	0.70	152.4	0.092	2	2.10	0.010	0.09	0.1	4.6	0.19	<0.02	17	<0.1	<0.02	8.0	2.37
1075537	Soil	0.48	0.098	9.4	46.4	0.51	114.9	0.034	2	1.85	0.011	0.09	<0.1	2.8	0.10	<0.02	21	<0.1	<0.02	6.1	2.55
REP 1075537	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

QUALITY CONTROL REPORT WHI11000822.3

		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 LOI % 0.1
1075768	Soil	<0.1	0.03	1.32	9.5	5.1	<0.05	1.2	2.95	14.7	<0.02	<1	0.2	16.9	<10	<2	12.9
REP 1075768	QC	<0.1	0.03	1.30	9.9	5.5	<0.05	1.3	2.93	14.8	<0.02	<1	0.2	17.3	<10	<2	
1075777	Soil	<0.1	<0.02	0.87	7.1	2.4	<0.05	1.4	3.54	16.6	<0.02	<1	0.2	14.1	<10	<2	9.1
REP 1075777	QC	<0.1	0.02	0.83	7.3	2.3	<0.05	1.3	3.48	16.5	<0.02	<1	0.2	13.3	<10	<2	
1075780	Soil	<0.1	0.12	0.80	9.9	1.3	<0.05	6.0	3.95	22.1	0.03	<1	0.6	17.0	<10	<2	6.0
REP 1075780	QC																6.2
1075794	Soil	<0.1	0.07	0.95	7.5	2.3	<0.05	3.2	13.83	26.6	<0.02	<1	1.2	18.1	<10	<2	15.0
REP 1075794	QC	<0.1	0.07	0.99	7.4	2.0	<0.05	3.3	13.92	27.4	<0.02	<1	1.2	19.5	<10	<2	
1075157	Soil	<0.1	0.09	1.13	12.1	1.5	<0.05	4.2	3.84	20.1	0.03	<1	0.7	16.1	<10	<2	8.7
REP 1075157	QC	<0.1	0.11	1.14	11.8	1.5	<0.05	4.3	3.96	20.0	0.03	<1	0.8	16.8	<10	<2	8.8
1076675	Soil	<0.1	0.11	1.37	7.7	1.7	<0.05	4.1	8.10	28.8	0.03	<1	0.6	19.6	<10	<2	10.7
REP 1076675	QC	<0.1	0.12	1.36	7.4	1.9	<0.05	4.0	7.74	28.2	0.02	<1	0.7	18.0	<10	2	
1075514	Soil	<0.1	0.05	0.78	8.2	1.5	<0.05	3.9	5.25	23.9	0.03	<1	1.4	19.6	<10	<2	12.5
REP 1075514	QC																12.7
1075515	Soil	<0.1	0.11	0.90	7.9	0.8	<0.05	5.6	5.93	26.1	0.03	<1	1.9	22.1	<10	3	10.0
REP 1075515	QC	<0.1	0.11	0.89	8.1	0.8	<0.05	5.7	6.07	27.1	0.03	<1	1.8	23.5	<10	3	
1075521	Soil	<0.1	0.07	1.01	23.7	1.9	<0.05	3.4	11.90	48.7	0.04	<1	0.6	24.6	<10	<2	8.1
REP 1075521	QC	<0.1	0.06	1.03	22.8	1.8	<0.05	3.4	11.94	49.7	0.03	<1	0.6	23.5	<10	<2	
1075537	Soil	<0.1	<0.02	0.51	14.9	4.5	<0.05	0.7	4.07	22.3	0.03	<1	1.2	11.3	<10	<2	13.1
REP 1075537	QC																12.9
Reference Materials																	
STD DOLOMITE-2	Standard																45.8
STD DOLOMITE-2	Standard																45.9
STD DOLOMITE-2	Standard																45.7
STD DOLOMITE-2	Standard																46.1
STD DOLOMITE-2	Standard																46.0
STD DOLOMITE-2	Standard																45.9
STD DOLOMITE-2	Standard																46.1
STD DOLOMITE-2	Standard																46.1

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

QUALITY CONTROL REPORT WHI11000822.3

		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 DS8	Standard			12.26	114.8	113.7	290.4	1564	39.3	7.4	611	2.37	23.0	2.6	103.9	6.4	61.8	2.22	5.28	6.65	39
STD DS8	Standard			12.46	105.3	130.6	306.5	1737	36.9	7.3	611	2.42	24.4	2.8	107.9	6.7	68.7	2.39	5.48	6.53	36
STD DS8	Standard			13.94	109.6	123.7	316.9	1764	37.6	7.0	627	2.55	25.2	2.7	109.1	6.6	66.7	2.29	5.12	6.63	43
STD DS8	Standard			13.34	117.6	118.1	288.9	1553	40.0	7.9	571	2.45	23.1	2.4	98.9	6.0	54.5	2.13	4.41	5.72	40
STD DS8	Standard			14.20	124.1	116.8	297.1	1637	41.7	8.4	607	2.57	24.2	2.4	101.5	5.8	57.0	2.15	4.61	5.85	42
STD DS8	Standard			13.39	116.8	115.0	316.2	1756	38.8	8.0	618	2.47	26.5	2.3	113.6	5.7	58.7	2.35	5.08	5.93	41
STD DS8	Standard			15.71	126.2	121.7	317.0	1718	42.9	8.5	641	2.64	26.3	2.6	112.3	6.7	59.6	2.38	5.16	6.30	44
STD DS8	Standard			12.87	122.1	109.7	294.4	1656	43.0	8.1	589	2.52	25.8	2.4	102.5	5.7	54.8	2.14	4.59	5.67	40
STD DS8	Standard			13.24	106.5	121.2	311.0	1877	37.5	7.7	603	2.48	28.0	2.5	117.4	6.3	62.4	2.20	4.84	6.25	40
STD DOLOMITE-2 Expected																					
STD DS8 Expected				13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1
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	<0.1	<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	<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	<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	<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

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

QUALITY CONTROL REPORT WHI11000822.3

		1F30 Ca % 0.01	1F30 P % 0.001	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 Tl 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
STD DOLOMITE-2	Standard																				
STD DS8	Standard	0.64	0.078	13.7	119.2	0.57	247.7	0.116	2	0.82	0.074	0.37	2.9	2.0	4.92	0.15	188	4.7	4.38	4.3	2.31
STD DS8	Standard	0.68	0.077	15.7	112.6	0.60	270.1	0.114	2	0.90	0.084	0.39	3.0	1.8	5.58	0.15	194	5.4	4.71	4.7	2.39
STD DS8	Standard	0.75	0.082	15.6	121.5	0.62	292.8	0.117	3	0.94	0.092	0.42	3.0	2.2	5.46	0.17	211	5.5	5.15	4.8	2.49
STD DS8	Standard	0.69	0.081	14.4	111.0	0.61	248.6	0.113	2	0.90	0.085	0.41	2.7	2.0	4.95	0.16	170	4.8	4.56	4.2	2.20
STD DS8	Standard	0.73	0.083	15.3	120.9	0.63	248.7	0.113	1	0.93	0.089	0.42	2.5	2.3	4.95	0.17	172	4.8	4.64	4.2	2.34
STD DS8	Standard	0.76	0.083	13.4	121.7	0.62	290.6	0.113	3	0.92	0.089	0.42	3.2	2.1	5.62	0.17	205	5.3	4.91	4.8	2.57
STD DS8	Standard	0.77	0.085	17.2	122.7	0.64	285.0	0.126	3	0.97	0.095	0.43	3.1	2.3	5.31	0.17	203	5.5	5.06	5.0	2.49
STD DS8	Standard	0.70	0.079	12.6	116.1	0.60	233.8	0.107	2	0.87	0.082	0.41	2.5	1.9	4.73	0.17	186	4.9	4.92	4.3	2.33
STD DS8	Standard	0.71	0.077	14.5	126.2	0.61	267.9	0.112	2	0.92	0.087	0.41	2.8	2.1	5.29	0.16	195	4.9	4.70	4.4	2.30
STD DOLOMITE-2 Expected																					
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48
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	<0.5	<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	<0.5	<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	<0.5	<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	<0.5	<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

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: May 15, 2012

QUALITY CONTROL REPORT WHI11000822.3

		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 LOI % 0.1
STD DOLOMITE-2	Standard																46.0
STD DS8	Standard	<0.1	0.07	1.10	36.1	6.4	<0.05	2.0	5.30	24.2	2.15	58	4.5	24.8	111	324	
STD DS8	Standard	0.1	0.07	1.24	36.6	6.7	<0.05	1.8	5.83	29.1	2.20	52	5.6	27.3	102	319	
STD DS8	Standard	<0.1	0.09	1.26	38.5	6.5	<0.05	1.8	6.16	31.2	2.10	57	5.3	28.7	114	342	
STD DS8	Standard	<0.1	0.09	1.21	33.7	5.7	<0.05	2.0	5.48	24.3	1.86	47	4.1	23.6	106	305	
STD DS8	Standard	<0.1	0.07	1.21	35.2	6.0	<0.05	2.0	5.37	25.4	1.95	48	4.5	24.8	106	301	
STD DS8	Standard	<0.1	0.08	1.41	38.9	6.1	<0.05	2.1	5.79	28.1	2.03	54	6.0	29.8	106	335	
STD DS8	Standard	<0.1	0.11	1.47	38.7	6.8	<0.05	2.4	6.49	30.3	2.16	55	5.2	26.5	110	329	
STD DS8	Standard	<0.1	0.06	1.05	35.1	6.1	<0.05	1.7	4.76	22.0	1.88	47	4.7	21.7	107	300	
STD DS8	Standard	0.1	0.08	1.21	35.7	6.4	<0.05	1.7	5.61	30.8	2.16	43	5.0	27.4	113	353	
STD DOLOMITE-2 Expected																	45.9
STD DS8 Expected		0.13	0.08	1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339	
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	
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	

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Andrea Langerud
Receiving Lab: Canada-Whitehorse
Received: August 04, 2011
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000845.2

CLIENT JOB INFORMATION

Project: 210700
Shipment ID: YTG_009
P.O. Number
Number of Samples: 17

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	16	Dry at 60C sieve 100g to -80 mesh		Completed	WHI
Dry at 60C	16	Dry at 60C			WHI
RJSV	16	Saving all or part of Soil Reject			WHI
1F06	17	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
2A05	17	Loss on Ignition at 1000 C		Completed	VAN

ADDITIONAL COMMENTS

Version 2: Includes corrected sample ID's (1075538 - 1075547)

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

CC: Randy Farmer
Rupa Mukherjee

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000845.2

Method		WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	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
1075538	Soil		38.00	823.0	0.59	65.61	13.32	34.8	81	29.3	10.2	422	2.12	5.8	1.7	10.1	1.6	45.8	0.28	0.21	0.13
1075539	Soil		93.00	1270	0.48	94.76	6.49	39.0	81	38.7	12.2	119	2.66	8.9	1.0	3.6	2.3	136.5	0.08	0.17	0.10
1075540	Soil		88.00	961.0	0.59	32.28	7.13	50.2	42	55.2	14.2	496	2.84	9.7	1.2	3.2	3.4	87.2	0.10	0.15	0.07
1075541	Soil		53.00	1442	0.88	13.47	13.22	59.3	15	15.4	5.9	216	2.65	9.2	0.5	3.4	2.0	43.2	0.19	0.66	0.15
1075542	Soil		92.00	1318	0.70	22.71	12.04	41.6	35	22.3	10.7	440	2.44	11.6	0.7	2.6	2.2	82.3	0.07	0.35	0.11
1075543	Soil		136.0	1192	0.31	33.31	11.46	75.1	58	119.9	20.2	306	3.21	3.6	1.0	3.1	3.4	77.1	0.15	0.18	0.07
1075544	Soil		90.00	1184	0.64	29.57	8.52	39.7	14	63.7	11.4	183	2.87	4.9	0.6	1.6	1.8	36.0	0.10	0.16	0.06
1075545	Soil		71.00	1270	0.45	43.35	8.14	55.7	45	111.8	17.6	420	2.71	3.8	1.0	1.3	2.9	64.2	0.10	0.14	0.08
1075546	Soil		64.00	1246	0.59	39.37	14.21	57.9	54	212.9	26.4	535	3.71	5.1	1.4	1.7	3.8	79.8	0.09	0.09	0.08
1075547	Soil		64.00	1457	0.63	41.14	9.12	62.3	57	197.9	25.6	485	3.98	4.6	1.4	1.6	2.7	78.3	0.05	0.11	0.06
1076706	Soil		169.0	1048	0.75	25.93	9.08	67.8	55	61.4	17.8	677	3.32	12.3	0.7	1.7	1.1	72.2	0.21	0.23	0.10
1076707	Soil		191.0	1027	0.73	27.75	7.96	55.4	70	82.2	18.5	541	3.67	15.6	1.0	1.3	1.2	63.9	0.14	0.27	0.06
1076708	Soil		259.0	1235	0.65	26.12	6.49	49.2	60	75.7	14.0	423	3.63	15.2	0.8	2.7	1.4	60.5	0.16	0.19	0.08
1076709	Soil		180.0	1282	0.68	25.99	5.90	50.2	59	81.7	15.5	485	3.46	12.6	0.9	1.2	1.4	88.0	0.10	0.17	0.04
1076710 GS-1	Soil	N.A.	N.A.	N.A.	0.72	26.86	9.88	55.4	36	29.2	12.6	454	2.88	4.5	1.6	1.3	8.2	91.1	0.06	0.18	0.21
1076711	Soil		141.0	917.0	0.86	23.83	5.64	40.8	36	86.8	19.1	600	4.01	22.3	1.2	2.1	1.8	65.0	0.09	0.11	0.06
1076712	Soil		224.0	1367	0.79	25.83	5.36	43.5	52	92.7	17.9	626	3.86	19.4	1.3	2.5	1.4	83.8	0.13	0.13	0.06

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000845.2

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	2	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
1075538	Soil	50	0.37	0.135	19.4	30.4	0.72	237.8	0.020	2	2.03	0.008	0.17	<0.1	3.0	0.15	<0.02	34	<0.1	0.02	4.8
1075539	Soil	74	0.94	0.157	11.3	32.5	1.08	725.6	0.101	7	2.86	0.015	0.53	<0.1	3.9	0.24	<0.02	10	<0.1	<0.02	6.4
1075540	Soil	71	0.96	0.186	14.3	65.2	0.87	141.6	0.014	2	1.64	0.008	0.05	<0.1	6.0	0.06	0.03	28	<0.1	<0.02	4.2
1075541	Soil	92	0.32	0.051	9.3	31.1	0.52	92.5	0.048	2	1.34	0.004	0.06	0.2	2.6	0.09	<0.02	14	<0.1	<0.02	5.9
1075542	Soil	77	0.65	0.118	11.2	35.8	0.53	137.4	0.015	1	1.54	0.004	0.05	0.1	3.8	0.09	<0.02	20	<0.1	<0.02	4.8
1075543	Soil	66	0.73	0.112	13.7	113.3	1.48	167.6	0.068	2	1.72	0.010	0.07	0.1	6.8	0.11	0.03	29	0.2	0.03	4.4
1075544	Soil	70	0.31	0.045	7.7	56.8	1.15	44.3	0.043	1	1.79	0.007	0.05	0.1	3.3	0.06	<0.02	15	<0.1	<0.02	5.1
1075545	Soil	54	0.81	0.155	12.3	58.0	1.46	105.3	0.034	3	1.37	0.011	0.08	0.2	4.0	0.08	0.03	21	<0.1	<0.02	3.9
1075546	Soil	60	0.71	0.102	16.3	119.6	2.82	122.2	0.055	3	1.92	0.013	0.09	<0.1	6.7	0.10	<0.02	21	<0.1	<0.02	4.7
1075547	Soil	76	0.61	0.104	15.3	132.6	2.51	129.2	0.072	3	2.00	0.016	0.07	<0.1	7.9	0.09	<0.02	21	0.2	<0.02	5.2
1076706	Soil	75	0.75	0.093	9.3	104.6	0.72	190.8	0.036	3	1.48	0.012	0.05	<0.1	7.1	0.07	0.03	27	<0.1	0.03	4.4
1076707	Soil	86	1.00	0.105	9.4	150.3	0.60	173.2	0.023	2	1.38	0.009	0.04	0.1	10.1	0.05	0.04	24	0.2	0.02	3.9
1076708	Soil	85	0.88	0.096	10.8	141.7	0.63	137.9	0.032	2	1.63	0.012	0.04	<0.1	11.4	0.06	0.02	32	<0.1	<0.02	4.3
1076709	Soil	80	1.05	0.169	12.2	166.8	0.72	94.0	0.016	2	1.09	0.007	0.05	0.1	12.3	0.05	0.03	21	<0.1	<0.02	2.9
1076710 GS-1	Soil	11	4.18	0.044	20.8	22.2	1.13	72.9	0.035	<1	1.20	0.018	0.21	0.1	2.1	0.13	0.03	<5	0.2	0.04	3.5
1076711	Soil	92	1.22	0.144	10.1	188.5	0.84	98.5	0.035	4	0.91	0.009	0.05	0.2	16.2	0.06	<0.02	12	<0.1	0.04	2.7
1076712	Soil	91	1.26	0.142	11.6	169.2	0.75	143.0	0.027	2	1.24	0.014	0.05	0.1	15.3	0.05	0.03	21	0.2	0.02	3.4

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 01, 2011

CERTIFICATE OF ANALYSIS WHI11000845.2

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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
1075538	Soil	3.25	<0.1	<0.02	0.48	23.9	6.7	<0.05	1.7	7.44	38.1	<0.02	2	2.5	14.2	<10	<2	18.7
1075539	Soil	6.68	<0.1	0.17	0.65	43.8	1.7	<0.05	11.2	5.04	20.0	0.03	<1	1.8	25.2	<10	<2	17.6
1075540	Soil	1.38	<0.1	0.14	0.42	6.0	2.0	<0.05	4.1	9.72	29.9	0.03	<1	0.8	8.2	<10	4	19.1
1075541	Soil	2.78	<0.1	0.03	0.90	16.6	3.5	<0.05	1.4	3.05	17.7	<0.02	<1	0.4	17.6	<10	<2	9.8
1075542	Soil	1.61	<0.1	0.04	0.53	6.8	3.4	<0.05	0.9	5.65	22.1	<0.02	<1	1.0	12.5	<10	<2	12.3
1075543	Soil	0.84	<0.1	0.20	0.71	10.0	4.4	<0.05	8.5	10.53	27.7	0.02	<1	1.2	11.2	<10	2	18.5
1075544	Soil	0.59	<0.1	0.02	0.48	7.2	3.3	<0.05	1.1	3.21	15.6	<0.02	<1	0.9	12.8	<10	<2	12.8
1075545	Soil	0.95	<0.1	0.13	0.48	11.8	3.3	<0.05	4.6	6.99	27.3	<0.02	<1	1.1	10.1	<10	<2	18.0
1075546	Soil	1.32	<0.1	0.14	0.27	15.4	6.7	<0.05	7.9	12.08	30.5	0.02	<1	1.9	18.0	<10	<2	15.2
1075547	Soil	1.06	<0.1	0.10	0.40	11.0	3.3	<0.05	5.4	11.64	28.3	0.03	<1	1.4	17.1	<10	<2	14.2
1076706	Soil	3.23	<0.1	0.04	0.67	7.7	3.4	<0.05	1.5	6.60	20.8	0.02	<1	0.7	11.4	<10	<2	18.1
1076707	Soil	1.67	<0.1	0.07	0.53	5.2	3.5	<0.05	2.7	9.39	19.1	0.03	<1	0.8	6.1	<10	2	19.2
1076708	Soil	1.70	<0.1	0.04	0.51	5.9	2.2	<0.05	2.0	9.73	20.6	0.04	<1	0.7	8.7	<10	2	15.6
1076709	Soil	0.83	<0.1	0.12	0.40	7.7	2.2	<0.05	3.7	13.30	24.0	0.03	<1	1.0	4.9	<10	2	20.9
1076710 GS-1	Soil	1.05	<0.1	<0.02	0.71	15.4	0.7	<0.05	1.1	8.05	38.8	<0.02	<1	0.4	29.8	<10	<2	8.3
1076711	Soil	0.79	<0.1	0.06	0.42	4.2	2.4	<0.05	2.9	13.03	22.3	0.04	<1	0.5	3.3	<10	6	17.1
1076712	Soil	1.32	<0.1	0.07	0.48	5.9	1.8	<0.05	3.0	14.81	21.9	0.05	<1	1.0	5.2	<10	3	18.8

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000845.2

	Method	WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	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
Pulp Duplicates																					
1075542	Soil		92.00	1318	0.70	22.71	12.04	41.6	35	22.3	10.7	440	2.44	11.6	0.7	2.6	2.2	82.3	0.07	0.35	0.11
REP 1075542	QC				0.69	22.62	12.49	40.8	36	22.1	10.9	427	2.45	11.7	0.7	2.9	2.3	81.7	0.07	0.35	0.11
1075544	Soil		90.00	1184	0.64	29.57	8.52	39.7	14	63.7	11.4	183	2.87	4.9	0.6	1.6	1.8	36.0	0.10	0.16	0.06
REP 1075544	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DS8	Standard				13.35	118.1	126.6	321.4	1750	41.7	7.7	625	2.49	24.6	2.7	112.0	6.6	62.8	2.28	5.22	6.75
STD DOLOMITE-2 Expected																					
STD DS8 Expected					13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67
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

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000845.2

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	2	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
Pulp Duplicates																						
1075542	Soil		77	0.65	0.118	11.2	35.8	0.53	137.4	0.015	1	1.54	0.004	0.05	0.1	3.8	0.09	<0.02	20	<0.1	<0.02	4.8
REP 1075542	QC		77	0.65	0.114	11.7	37.4	0.54	142.1	0.017	2	1.55	0.004	0.05	0.1	4.1	0.09	<0.02	18	<0.1	0.03	5.0
1075544	Soil		70	0.31	0.045	7.7	56.8	1.15	44.3	0.043	1	1.79	0.007	0.05	0.1	3.3	0.06	<0.02	15	<0.1	<0.02	5.1
REP 1075544	QC																					
Reference Materials																						
STD DOLOMITE-2	Standard																					
STD DS8	Standard		39	0.72	0.080	15.0	118.9	0.63	277.1	0.123	2	0.91	0.081	0.41	3.2	2.1	5.52	0.16	193	5.2	5.10	4.8
STD DOLOMITE-2 Expected																						
STD DS8 Expected			41.1	0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7
BLK	Blank		<2	<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

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: September 01, 2011

QUALITY CONTROL REPORT WHI11000845.2

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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																		
1075542	Soil	1.61	<0.1	0.04	0.53	6.8	3.4	<0.05	0.9	5.65	22.1	<0.02	<1	1.0	12.5	<10	<2	12.3
REP 1075542	QC	1.72	<0.1	0.03	0.53	6.8	3.9	<0.05	0.9	5.55	22.5	<0.02	1	0.8	12.4	<10	<2	
1075544	Soil	0.59	<0.1	0.02	0.48	7.2	3.3	<0.05	1.1	3.21	15.6	<0.02	<1	0.9	12.8	<10	<2	12.8
REP 1075544	QC																	12.8
Reference Materials																		
STD DOLOMITE-2	Standard																	46.1
STD DS8	Standard	2.54	<0.1	0.09	1.18	38.1	6.8	<0.05	2.1	5.91	26.2	2.25	50	5.2	25.9	122	346	
STD DOLOMITE-2 Expected																		46
STD DS8 Expected		2.48	0.13	0.08	1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339	
BLK	Blank	<0.02	<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	

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Andrea Langerud
Receiving Lab: Canada-Whitehorse
Received: July 29, 2011
Report Date: January 25, 2012
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000920.3

CLIENT JOB INFORMATION

Project: 210700
Shipment ID: YTG_010
P.O. Number
Number of Samples: 160

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	154	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	154	Dry at 60C			WHI
RJSV	154	Saving all or part of Soil Reject			WHI
1F06	154	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
2A05	157	Loss on Ignition at 1000 C		Completed	VAN
1F04	8	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 3 : 1F04 included.

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

CC: Randy Farmer
Rupa Mukherjee

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

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	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
1075951	Soil	43.00	226.0	2.25	46.53	4.17	77.2	157	65.2	25.0	>10000	1.84	7.0	1.2	9.7	0.6	232.8	1.70	0.72	0.14	39
1075952	Soil	31.00	224.0	2.28	41.97	3.18	79.7	129	83.1	29.9	>10000	1.39	4.1	0.5	7.7	0.2	322.8	0.79	0.62	0.09	12
1075953	Soil	50.00	272.0	0.94	129.0	11.79	54.2	253	24.2	10.1	386	2.20	6.5	1.8	6.1	0.4	124.6	2.39	0.85	0.22	57
1075954	Soil	45.00	243.0	1.40	42.53	15.52	30.0	292	11.5	3.8	197	1.27	1.9	1.1	2.7	<0.1	44.8	0.64	0.30	0.13	25
1075955	Soil	62.00	336.0	3.49	81.15	21.16	90.2	753	16.8	182.0	>10000	4.38	6.0	2.6	4.0	0.4	43.0	2.95	0.97	0.15	42
1075956	Soil	42.00	223.0	1.61	70.09	18.95	100.0	539	27.7	12.5	7090	1.70	3.0	1.7	3.4	0.1	76.4	5.14	0.51	0.13	24
1075957	Soil	56.00	169.0	0.78	41.82	7.06	58.5	123	51.3	7.1	1429	1.22	2.6	0.6	4.3	0.5	166.9	0.60	0.50	0.07	30
1075958	Soil	19.00	807.0	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.
1075959	Soil	24.00	151.0	0.81	25.47	7.23	41.1	99	29.8	9.2	1287	0.84	1.2	0.3	1.7	0.3	193.0	0.50	0.57	0.07	10
1075960	Soil	46.00	169.0	0.58	21.66	4.09	18.2	97	28.5	5.7	951	0.76	1.3	1.7	0.8	0.2	350.1	0.44	0.22	0.06	14
1075961	Soil	42.00	126.0	0.36	27.71	4.13	102.9	60	51.3	8.9	1599	1.08	1.9	2.8	2.6	0.6	329.4	0.76	0.17	0.06	23
1075962	Soil	27.00	109.0	1.01	28.55	5.22	126.0	63	58.9	18.8	6330	0.91	1.5	2.5	5.2	0.5	369.5	0.74	0.21	0.05	26
1075963	Soil	38.00	166.0	1.04	30.05	5.10	57.3	92	44.9	7.1	1568	0.88	1.6	1.1	2.7	0.4	245.2	0.67	0.25	0.06	17
1075964	Soil	34.00	164.0	1.13	41.42	3.64	72.7	132	66.3	6.3	2106	0.78	1.4	1.5	3.9	0.3	285.5	1.09	0.45	0.06	15
1075965	Soil	44.00	186.0	4.37	63.56	39.66	42.5	551	17.0	27.3	3540	2.38	7.4	1.7	1.2	0.1	73.6	1.46	0.49	0.24	35
1075966	Soil	37.00	141.0	2.15	62.43	18.62	64.9	382	14.3	6.0	1201	1.14	2.6	1.4	2.8	<0.1	125.6	1.94	0.79	0.16	16
1075967	Soil	23.00	95.00	1.14	74.07	27.61	64.7	336	14.9	7.2	1769	1.04	2.8	2.2	2.8	0.6	153.4	3.13	0.91	0.12	16
1075968	Soil	34.00	111.0	1.60	34.98	38.21	78.1	409	18.7	15.9	2959	1.66	3.7	1.4	3.2	0.1	94.4	1.90	0.75	0.24	30
1075969	Soil	25.00	93.00	1.45	49.80	53.57	76.3	325	17.2	15.3	2635	1.39	3.7	2.3	2.6	0.5	105.0	3.03	0.91	0.18	22
1075970 BAL-1	Soil	N.A.	N.A.	1.35	16.81	24.41	93.4	142	30.3	6.1	312	1.83	5.4	1.4	10.3	1.9	32.6	2.00	0.75	0.12	45
1075971	Soil	33.00	126.0	3.07	96.64	18.12	27.0	804	23.0	31.9	9188	1.51	2.2	3.7	6.5	0.4	124.5	3.79	1.27	0.08	12
1075972	Soil	56.00	168.0	1.58	86.16	36.78	133.6	746	22.8	10.4	1566	1.14	3.4	1.3	2.2	<0.1	160.6	11.51	0.53	0.24	17
1075973	Soil	23.00	87.00	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.
1075974	Soil	17.00	77.00	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.
1075975	Soil	55.00	180.0	1.34	22.08	2.41	14.3	129	8.8	2.6	829	0.51	2.0	0.5	1.6	0.3	114.4	0.36	0.58	0.06	9
1075976	Soil	43.00	171.0	2.59	48.21	20.00	26.9	657	10.0	32.3	3249	1.95	3.6	2.5	3.9	0.1	51.4	1.03	1.20	0.11	21
1075977	Soil	42.00	132.0	1.69	66.63	16.32	73.3	232	23.5	10.2	550	1.92	4.8	1.4	1.3	0.1	48.9	1.34	0.81	0.18	34
1075978	Soil	71.00	233.0	1.23	64.58	14.75	21.1	476	16.5	4.2	123	2.18	6.3	1.6	1.5	0.2	42.5	1.21	0.50	0.23	33
1075979	Soil	46.00	191.0	2.29	40.11	5.98	27.4	317	10.9	2.8	110	2.50	5.5	1.0	0.7	<0.1	35.6	0.70	0.40	0.15	26
1075980	Soil	43.00	198.0	0.68	31.57	11.73	27.5	166	10.7	3.9	102	2.20	8.1	0.8	0.3	<0.1	34.3	0.39	0.27	0.31	27

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	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	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
1075951	Soil	1.70	0.155	15.5	37.7	0.47	665.8	0.016	6	0.90	0.013	0.05	<0.1	2.2	0.15	0.15	122	1.5	0.09	2.6	1.72
1075952	Soil	2.19	0.138	4.9	14.2	0.48	618.3	0.013	7	0.50	0.012	0.02	0.2	0.9	0.26	0.19	96	1.4	0.26	1.5	0.53
1075953	Soil	0.76	0.101	25.0	23.8	0.35	280.3	0.015	3	1.31	0.025	0.02	0.1	2.8	0.07	0.31	120	1.7	0.09	2.4	1.26
1075954	Soil	0.40	0.116	11.7	15.1	0.12	156.5	0.005	1	0.54	0.009	0.03	<0.1	0.4	0.03	0.13	98	0.8	0.10	2.0	0.71
1075955	Soil	0.47	0.154	39.7	19.5	0.16	484.3	0.011	2	1.22	0.008	0.03	<0.1	2.4	0.29	0.16	128	1.4	0.16	2.9	1.07
1075956	Soil	0.85	0.126	29.5	17.8	0.20	422.7	0.007	2	0.98	0.013	0.03	<0.1	0.8	0.07	0.13	79	0.9	0.14	2.9	2.34
1075957	Soil	2.20	0.132	16.3	30.7	0.55	242.9	0.013	5	0.88	0.011	0.04	0.1	1.6	0.04	0.16	88	0.8	0.05	2.3	0.52
1075958	Soil	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.
1075959	Soil	2.33	0.218	4.9	14.9	0.61	180.9	0.010	10	0.40	0.011	0.03	<0.1	0.6	0.05	0.20	95	1.1	0.08	0.9	0.30
1075960	Soil	1.96	0.097	4.3	16.5	0.74	199.0	0.014	6	0.46	0.013	0.02	<0.1	0.9	0.05	0.16	104	0.8	0.09	1.4	0.49
1075961	Soil	2.07	0.108	9.7	31.7	0.98	211.5	0.016	7	0.80	0.015	0.04	<0.1	1.8	0.05	0.17	64	1.0	0.06	2.1	0.53
1075962	Soil	2.24	0.112	9.9	22.3	0.90	384.4	0.015	11	0.62	0.013	0.04	<0.1	1.6	0.06	0.18	82	0.9	0.14	1.5	0.63
1075963	Soil	1.87	0.147	11.7	21.2	0.55	195.2	0.012	5	0.57	0.013	0.03	<0.1	1.1	0.09	0.20	102	0.9	<0.02	1.6	0.46
1075964	Soil	2.27	0.148	11.1	14.1	0.49	232.0	0.010	6	0.49	0.010	0.03	<0.1	1.0	0.07	0.22	104	1.6	0.12	1.0	0.64
1075965	Soil	0.71	0.179	11.1	26.1	0.22	227.2	0.014	2	0.81	0.012	0.03	0.1	1.0	0.10	0.16	105	1.1	0.13	3.0	1.71
1075966	Soil	1.41	0.167	11.8	19.5	0.23	225.6	0.008	5	0.73	0.010	0.03	<0.1	0.7	0.07	0.22	155	0.7	0.11	2.0	1.55
1075967	Soil	1.80	0.137	19.4	17.1	0.24	238.3	0.016	6	0.73	0.008	0.03	<0.1	2.0	0.12	0.20	134	1.3	0.20	1.4	1.27
1075968	Soil	0.91	0.109	11.4	35.0	0.45	190.3	0.032	4	1.04	0.012	0.06	<0.1	1.5	0.14	0.13	113	1.2	0.20	3.5	3.92
1075969	Soil	1.16	0.141	14.5	28.4	0.34	192.4	0.028	3	0.79	0.009	0.06	0.1	2.2	0.16	0.16	118	1.2	0.07	2.1	1.89
1075970 BAL-1	Soil	0.67	0.056	19.1	30.2	0.19	64.1	0.005	9	1.24	0.009	0.08	0.1	4.0	0.40	0.06	132	3.1	0.11	4.0	1.10
1075971	Soil	1.22	0.160	30.1	14.6	0.09	383.0	0.012	7	0.98	0.008	0.02	<0.1	3.0	0.36	0.21	175	1.7	0.22	1.6	0.73
1075972	Soil	1.66	0.105	10.5	21.6	0.23	282.7	0.011	1	0.64	0.013	0.04	<0.1	0.5	0.06	0.15	69	0.9	0.03	2.6	3.80
1075973	Soil	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.
1075974	Soil	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.
1075975	Soil	3.06	0.088	9.9	7.9	0.11	217.6	0.011	5	0.43	0.014	0.02	<0.1	0.6	0.04	0.18	66	1.1	0.04	1.4	0.31
1075976	Soil	0.72	0.161	10.5	12.3	0.10	329.9	0.006	4	0.58	0.009	0.03	0.1	1.0	0.07	0.22	193	1.7	0.11	1.4	0.26
1075977	Soil	0.62	0.086	15.1	22.3	0.36	399.4	0.014	2	1.09	0.010	0.06	<0.1	1.9	0.06	0.09	104	0.7	0.09	3.9	1.17
1075978	Soil	0.53	0.113	12.6	15.1	0.14	281.4	0.016	1	0.73	0.010	0.03	<0.1	1.6	0.03	0.15	99	1.3	0.09	2.1	0.56
1075979	Soil	0.41	0.134	6.9	13.0	0.12	197.7	0.006	<1	0.49	0.006	0.03	<0.1	0.5	0.03	0.17	154	1.2	0.10	1.6	0.44
1075980	Soil	0.36	0.097	9.4	18.2	0.19	167.7	0.012	<1	0.89	0.009	0.03	<0.1	0.9	0.03	0.12	128	0.8	0.04	2.7	0.69

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI	1F	1F	1F	1F
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI	Mo	Cu	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	ppm	ppm	ppm	ppm
	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	0.01	0.01	0.01	0.1
1075951	Soil	<0.1	0.11	0.29	5.5	1.3	<0.05	2.5	13.60	46.4	0.04	<1	1.7	4.2	<10	<2	63.7	N.A.	N.A.	N.A.	N.A.
1075952	Soil	<0.1	0.05	0.23	1.1	1.8	<0.05	2.7	4.71	11.6	<0.02	<1	0.6	0.5	<10	<2	75.3	N.A.	N.A.	N.A.	N.A.
1075953	Soil	0.1	0.09	0.66	3.1	3.0	<0.05	3.2	22.18	67.7	<0.02	<1	1.8	4.2	<10	<2	68.4	N.A.	N.A.	N.A.	N.A.
1075954	Soil	<0.1	<0.02	0.38	2.2	12.1	<0.05	0.2	7.10	21.3	<0.02	<1	0.1	2.0	<10	<2	57.4	N.A.	N.A.	N.A.	N.A.
1075955	Soil	0.1	0.02	0.32	3.7	7.2	<0.05	0.3	22.40	152.2	<0.02	<1	0.9	2.7	<10	<2	63.0	N.A.	N.A.	N.A.	N.A.
1075956	Soil	<0.1	<0.02	0.28	5.2	3.1	<0.05	0.2	20.41	74.9	0.03	<1	1.1	3.1	<10	<2	60.1	N.A.	N.A.	N.A.	N.A.
1075957	Soil	<0.1	0.05	0.39	5.9	4.3	<0.05	3.3	14.92	34.0	0.02	<1	1.3	3.1	<10	<2	67.6	N.A.	N.A.	N.A.	N.A.
1075958	Soil	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.	89.1	0.66	23.92	19.57	28.0
1075959	Soil	<0.1	0.05	0.20	2.1	7.3	<0.05	2.1	5.54	6.2	<0.02	<1	0.4	1.4	<10	<2	79.4	N.A.	N.A.	N.A.	N.A.
1075960	Soil	<0.1	0.05	0.28	2.4	3.6	<0.05	1.9	4.46	8.2	<0.02	<1	0.4	1.9	<10	<2	71.1	N.A.	N.A.	N.A.	N.A.
1075961	Soil	<0.1	0.09	0.35	8.6	2.2	<0.05	3.3	9.55	19.4	<0.02	<1	0.7	4.3	<10	<2	69.2	N.A.	N.A.	N.A.	N.A.
1075962	Soil	0.1	0.06	0.27	9.3	5.7	<0.05	2.1	9.97	18.8	<0.02	<1	1.1	2.6	<10	<2	74.9	N.A.	N.A.	N.A.	N.A.
1075963	Soil	0.1	0.07	0.27	6.5	3.9	<0.05	2.8	11.08	18.1	<0.02	<1	0.6	2.1	<10	<2	75.1	N.A.	N.A.	N.A.	N.A.
1075964	Soil	0.1	0.05	0.17	3.9	2.7	<0.05	2.4	12.65	20.3	<0.02	<1	0.6	1.3	<10	<2	83.4	N.A.	N.A.	N.A.	N.A.
1075965	Soil	<0.1	0.03	0.49	4.0	0.6	<0.05	0.5	10.21	25.4	0.03	<1	1.1	3.4	<10	<2	62.3	N.A.	N.A.	N.A.	N.A.
1075966	Soil	<0.1	<0.02	0.38	4.6	2.1	<0.05	0.6	13.01	21.7	<0.02	<1	0.4	2.8	<10	<2	78.0	N.A.	N.A.	N.A.	N.A.
1075967	Soil	0.2	0.03	0.33	3.8	1.3	<0.05	1.5	17.93	42.4	<0.02	<1	1.2	2.1	<10	<2	I.S.	N.A.	N.A.	N.A.	N.A.
1075968	Soil	<0.1	<0.02	0.60	11.6	3.9	<0.05	0.5	8.65	26.1	<0.02	<1	0.9	7.2	<10	<2	61.5	N.A.	N.A.	N.A.	N.A.
1075969	Soil	<0.1	0.02	0.58	5.2	1.4	<0.05	0.5	12.05	36.5	<0.02	<1	1.1	4.6	<10	<2	70.4	N.A.	N.A.	N.A.	N.A.
1075970 BAL-1	Soil	<0.1	0.06	0.36	9.4	0.7	<0.05	3.6	22.38	35.3	0.04	<1	0.7	8.9	<10	<2	I.S.	1.09	16.19	24.03	81.2
1075971	Soil	0.2	0.04	0.21	2.3	2.9	<0.05	0.5	27.36	118.6	<0.02	<1	2.6	0.6	<10	<2	82.6	N.A.	N.A.	N.A.	N.A.
1075972	Soil	<0.1	<0.02	0.59	7.7	0.5	<0.05	0.9	8.49	22.1	<0.02	<1	0.9	2.9	<10	<2	68.2	N.A.	N.A.	N.A.	N.A.
1075973	Soil	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.	76.5	1.81	47.80	56.13	86.1
1075974	Soil	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.	90.7	1.49	25.20	12.99	63.3
1075975	Soil	<0.1	0.04	0.32	0.9	0.3	<0.05	2.8	10.70	13.6	<0.02	<1	0.5	0.8	<10	<2	69.6	N.A.	N.A.	N.A.	N.A.
1075976	Soil	<0.1	<0.02	0.28	1.2	7.7	<0.05	0.2	9.78	24.0	<0.02	<1	0.5	0.4	<10	<2	75.0	N.A.	N.A.	N.A.	N.A.
1075977	Soil	<0.1	<0.02	0.61	7.0	0.9	<0.05	0.4	14.11	31.4	<0.02	<1	0.5	5.3	<10	<2	47.8	N.A.	N.A.	N.A.	N.A.
1075978	Soil	<0.1	<0.02	0.52	2.2	1.8	<0.05	0.9	11.03	26.1	0.02	<1	0.2	2.2	<10	<2	59.7	N.A.	N.A.	N.A.	N.A.
1075979	Soil	<0.1	<0.02	0.43	1.6	0.4	<0.05	0.2	6.08	13.7	<0.02	<1	0.1	1.3	<10	<2	72.7	N.A.	N.A.	N.A.	N.A.
1075980	Soil	<0.1	<0.02	0.55	2.7	4.0	<0.05	0.4	6.91	20.6	<0.02	<1	0.5	3.2	<10	<2	56.9	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
		Unit	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm
		MDL	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	0.5	0.5	0.01	0.5
1075951	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075952	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075953	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075954	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075955	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075956	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075957	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075958	Soil		68	21.3	1.7	282	0.33	1.1	0.3	2.1	0.4	174.0	0.52	0.62	0.14	6	2.29	0.134	6.8	8.7	0.50	175.6
1075959	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075960	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075961	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075962	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075963	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075964	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075965	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075966	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075967	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075968	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075969	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075970 BAL-1	Soil		132	32.7	7.1	265	1.78	4.8	1.4	1.3	0.9	30.7	1.85	0.19	0.12	49	0.66	0.055	18.5	34.5	0.19	64.8
1075971	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075972	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075973	Soil		439	15.8	7.3	521	1.42	7.3	1.9	1.0	0.3	80.4	3.78	0.84	0.36	24	0.85	0.114	15.2	20.5	0.20	173.3
1075974	Soil		273	8.2	2.8	365	0.33	1.5	0.9	6.1	0.2	116.6	2.16	0.77	0.10	6	1.26	0.105	6.8	6.6	0.14	203.4
1075975	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075976	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075977	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075978	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075979	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075980	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
		Unit	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	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	0.1	0.02	0.02	0.1	0.1	0.05
1075951	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075952	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075953	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075954	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075955	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075956	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075957	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075958	Soil		0.006	<20	0.29	0.008	0.03	<0.1	0.7	0.05	0.17	131	0.6	0.03	0.4	0.16	<0.1	0.04	0.11	1.2	28.4	<0.05
1075959	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075960	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075961	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075962	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075963	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075964	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075965	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075966	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075967	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075968	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075969	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075970 BAL-1	Soil		0.004	<20	1.38	0.010	0.08	<0.1	3.5	0.37	0.07	103	1.3	<0.02	3.7	0.71	<0.1	0.05	0.30	8.8	0.6	<0.05
1075971	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075972	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075973	Soil		0.023	<20	0.77	0.010	0.03	0.1	2.0	0.03	0.16	143	0.8	0.08	1.8	1.83	<0.1	0.02	0.44	4.1	11.2	<0.05
1075974	Soil		0.009	<20	0.29	0.007	0.02	<0.1	1.1	<0.02	0.16	245	0.6	<0.02	0.6	0.23	<0.1	<0.02	0.12	0.7	10.7	<0.05
1075975	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075976	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075977	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075978	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075979	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075980	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1075951	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075952	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075953	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075954	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075955	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075956	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075957	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075958	Soil	1.9	5.61	12.9	<0.02	<1	0.3	0.4	<10	4
1075959	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075960	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075961	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075962	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075963	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075964	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075965	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075966	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075967	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075968	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075969	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075970 BAL-1	Soil	1.1	19.87	30.9	0.02	2	0.7	11.3	<10	<2
1075971	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075972	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075973	Soil	1.1	12.29	28.6	<0.02	<1	0.7	3.2	<10	<2
1075974	Soil	0.8	7.52	12.1	<0.02	<1	0.4	0.3	<10	<2
1075975	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075976	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075977	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075978	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075979	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075980	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	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
1075981	Soil	43.00	256.0	2.86	42.46	3.14	20.3	124	59.4	117.2	7032	8.46	7.1	1.3	1.8	0.5	151.6	0.32	0.30	0.08	55
1075982	Soil	53.00	155.0	0.95	54.37	7.50	35.3	96	71.8	34.2	2133	3.01	6.3	1.3	1.6	0.8	198.9	0.33	0.40	0.06	46
1075983	Soil	52.00	276.0	0.86	23.93	2.78	33.5	92	41.7	23.0	2126	3.21	8.6	0.9	2.1	0.4	205.2	0.15	0.31	0.06	40
1075984	Soil	82.00	279.0	0.70	33.31	8.80	73.7	71	63.5	14.4	1842	1.51	2.8	0.6	1.6	0.5	200.3	0.40	0.43	0.04	29
1075985	Soil	85.00	517.0	0.52	30.01	3.98	44.0	41	70.8	13.3	865	2.18	5.6	1.0	2.4	1.3	128.7	0.11	0.37	0.06	58
1075986	Soil	70.00	295.0	0.58	28.42	5.20	33.1	60	48.3	9.6	382	1.83	3.9	1.2	0.7	0.5	203.4	0.24	0.41	0.05	40
1075987	Soil	49.00	209.0	3.77	51.55	10.68	28.8	529	12.4	86.5	8695	4.02	6.3	1.7	8.8	0.2	46.1	0.80	0.61	0.19	76
1075988	Soil	69.00	196.0	1.07	29.68	8.23	11.7	384	5.2	5.2	492	1.95	3.5	1.3	6.4	<0.1	22.0	0.23	0.36	0.13	31
1075989	Soil	42.00	218.0	0.99	23.85	5.32	14.0	333	6.9	2.7	71	1.24	2.8	0.8	3.7	<0.1	27.4	0.30	0.23	0.09	12
1075990 BAL-1	Soil	N.A.	N.A.	1.17	15.26	23.66	81.0	135	29.0	6.0	249	1.70	6.8	1.3	7.9	1.7	28.0	1.91	0.79	0.23	44
1075991	Soil	72.00	218.0	1.35	62.12	4.75	77.5	67	89.8	27.6	6056	2.70	10.8	2.5	3.0	0.3	327.7	0.81	0.33	0.06	34
1075992	Soil	61.00	245.0	0.97	42.60	3.35	41.1	67	51.6	16.0	1850	2.21	5.5	1.9	1.9	0.3	200.1	0.28	0.23	0.06	26
1075993	Soil	62.00	258.0	0.83	62.65	13.53	35.5	104	19.4	10.2	1877	1.09	2.5	1.4	1.4	0.3	105.5	0.50	0.21	0.08	28
1075994	Soil	37.00	140.0	0.63	18.57	5.41	28.4	211	11.2	2.6	51	0.54	1.5	0.3	1.0	<0.1	33.0	0.72	0.17	0.08	12
1075995	Soil	64.00	244.0	1.52	49.46	7.97	22.0	159	19.0	14.4	2197	1.31	4.3	1.6	2.7	0.3	130.9	0.50	0.39	0.08	27
1075996	Soil	80.00	241.0	0.98	27.05	2.55	100.3	72	147.4	16.4	3589	1.18	1.8	1.1	1.0	0.3	309.1	0.37	0.25	0.05	17
1075997	Soil	84.00	199.0	0.72	47.58	3.75	35.5	99	163.5	5.2	1037	0.60	<0.1	1.0	0.8	0.4	275.6	0.65	0.50	0.05	10
1075998	Soil	39.00	180.0	0.55	27.52	11.18	42.5	1057	10.9	5.3	186	0.80	1.1	1.6	<0.2	<0.1	84.0	1.98	0.66	0.07	11
1075999	Soil	56.00	194.0	1.09	42.95	25.63	42.3	2531	15.4	11.9	745	1.41	6.9	2.8	1.5	0.2	73.5	0.71	0.75	0.15	24
1076000	Soil	82.00	273.0	0.59	48.30	16.73	36.3	599	19.0	7.2	647	1.16	4.4	2.2	1.2	0.2	79.0	1.19	0.44	0.14	18
1075651	Soil	76.00	245.0	1.15	28.79	16.19	43.3	735	14.1	5.6	210	1.45	7.0	1.5	2.6	<0.1	85.2	0.88	0.60	0.15	26
1075652	Soil	67.00	241.0	0.97	90.58	17.97	27.1	771	17.9	5.0	104	1.45	6.7	2.3	0.5	<0.1	42.0	1.35	0.28	0.14	21
1075653	Soil	59.00	238.0	0.53	28.50	5.02	21.7	70	57.3	7.3	1077	0.87	0.4	0.5	<0.2	0.2	352.8	0.27	0.20	0.05	12
1075654	Soil	65.00	258.0	0.78	22.04	1.36	42.8	64	56.5	6.7	1147	0.56	<0.1	0.3	0.4	0.2	442.8	0.21	0.28	0.03	8
1075655	Soil	86.00	261.0	1.28	18.44	3.78	101.1	72	97.7	81.8	9625	1.65	1.1	0.4	<0.2	0.2	203.2	0.81	0.27	0.04	11
1075656	Soil	81.00	266.0	0.71	19.23	1.93	81.0	32	44.4	3.6	1419	0.49	<0.1	0.2	0.4	0.2	162.4	0.28	0.27	0.05	10
1075657	Soil	90.00	312.0	0.37	20.41	1.88	65.2	48	54.7	5.7	424	0.62	0.3	0.4	<0.2	0.1	114.8	0.23	0.33	0.04	13
1075658	Soil	88.00	292.0	0.67	19.62	1.73	80.9	41	57.8	10.2	1923	0.60	0.8	0.6	0.6	0.1	187.1	0.46	0.44	0.04	11
1075659	Soil	82.00	257.0	0.73	19.12	3.39	44.6	46	53.0	4.8	257	0.84	1.0	0.5	0.5	0.3	154.2	0.70	0.29	0.05	17
1075660	Soil	66.00	285.0	3.31	62.30	10.90	32.7	475	9.7	18.4	780	2.24	9.5	1.1	0.6	<0.1	29.3	0.43	0.37	0.11	52

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	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	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
1075981	Soil	1.21	0.177	8.1	31.5	0.23	620.9	0.012	3	0.49	0.015	0.02	<0.1	3.2	0.13	0.13	98	1.3	0.07	2.2	0.87
1075982	Soil	1.64	0.159	9.8	55.5	0.51	423.5	0.011	3	0.79	0.013	0.03	<0.1	4.3	0.07	0.15	77	1.1	0.06	2.1	0.76
1075983	Soil	1.98	0.173	5.4	34.6	0.54	244.6	0.011	3	0.61	0.015	0.02	<0.1	2.4	0.07	0.17	88	0.8	0.04	1.9	0.68
1075984	Soil	2.06	0.144	6.3	54.3	0.75	292.8	0.011	5	0.77	0.014	0.03	<0.1	2.9	0.07	0.16	80	0.8	0.04	2.0	1.11
1075985	Soil	1.41	0.144	11.1	89.5	0.76	234.7	0.012	3	1.35	0.021	0.04	<0.1	5.5	0.05	0.08	33	0.8	0.07	3.7	0.69
1075986	Soil	2.26	0.112	5.6	79.7	0.87	156.4	0.014	4	1.07	0.014	0.04	<0.1	3.6	0.04	0.13	94	0.7	0.03	3.0	1.08
1075987	Soil	0.78	0.151	20.8	17.5	0.13	283.2	0.008	2	0.83	0.007	0.03	0.1	1.3	0.16	0.16	117	0.6	0.06	2.7	0.43
1075988	Soil	0.33	0.135	9.1	15.5	0.09	131.9	0.008	2	0.65	0.007	0.02	<0.1	1.0	0.07	0.18	148	0.5	0.03	1.7	0.40
1075989	Soil	0.37	0.139	7.1	8.7	0.06	128.0	0.004	2	0.54	0.006	0.02	<0.1	0.5	0.04	0.18	157	0.4	<0.02	0.8	0.23
1075990 BAL-1	Soil	0.63	0.053	18.1	31.0	0.17	60.7	0.004	8	1.17	0.006	0.06	<0.1	3.8	0.39	0.06	88	1.4	<0.02	3.4	0.96
1075991	Soil	2.08	0.117	9.1	13.7	0.47	455.6	0.006	8	0.55	0.007	<0.01	<0.1	1.0	0.11	0.21	81	0.6	<0.02	1.0	0.36
1075992	Soil	1.52	0.137	6.4	20.5	0.33	264.5	0.007	5	0.42	0.005	0.02	<0.1	1.3	0.06	0.22	125	0.7	<0.02	1.0	0.33
1075993	Soil	0.92	0.105	10.5	13.9	0.24	315.9	0.007	2	0.69	0.007	0.04	<0.1	1.2	0.06	0.11	113	0.2	<0.02	2.0	0.36
1075994	Soil	0.22	0.076	4.1	7.1	0.05	172.0	0.006	2	0.30	0.009	0.04	<0.1	0.5	<0.02	0.07	171	0.2	0.03	1.0	0.36
1075995	Soil	1.09	0.152	18.4	13.9	0.18	399.5	0.008	2	0.77	0.011	0.02	<0.1	1.3	0.07	0.15	126	0.5	0.02	1.7	0.33
1075996	Soil	2.33	0.132	5.1	23.3	0.96	180.2	0.009	9	0.49	0.012	0.03	<0.1	1.0	0.07	0.19	82	0.4	0.03	1.2	0.60
1075997	Soil	2.07	0.105	11.3	17.9	0.68	171.0	0.009	5	0.44	0.007	0.02	<0.1	1.1	0.05	0.16	114	0.4	0.02	0.9	0.23
1075998	Soil	0.85	0.094	18.4	7.7	0.14	237.2	0.010	2	0.78	0.009	0.07	<0.1	0.7	0.07	0.10	114	0.1	<0.02	1.7	0.56
1075999	Soil	0.79	0.114	17.2	17.0	0.23	224.7	0.016	2	1.29	0.011	0.05	0.1	1.3	0.13	0.14	108	0.4	0.02	3.1	1.65
1076000	Soil	0.87	0.085	16.8	17.4	0.24	227.8	0.017	2	1.04	0.014	0.05	<0.1	1.1	0.10	0.11	79	0.3	<0.02	2.4	1.40
1075651	Soil	0.94	0.141	11.5	17.4	0.25	246.1	0.015	3	1.11	0.011	0.06	0.1	0.9	0.11	0.17	112	0.4	0.03	3.3	1.69
1075652	Soil	0.42	0.142	14.0	10.5	0.07	199.6	0.001	1	0.62	0.009	0.02	<0.1	0.3	0.04	0.16	82	0.4	0.04	1.2	0.45
1075653	Soil	1.75	0.121	3.2	11.1	0.54	388.4	0.009	7	0.40	0.010	0.02	<0.1	0.7	0.07	0.19	84	0.3	<0.02	1.1	0.24
1075654	Soil	2.34	0.099	2.3	9.8	0.59	518.6	0.007	12	0.39	0.007	0.02	<0.1	0.6	0.05	0.18	77	0.3	<0.02	0.7	0.47
1075655	Soil	2.42	0.096	3.6	16.2	0.45	887.9	0.009	6	0.48	0.011	0.02	<0.1	1.0	0.09	0.16	58	0.4	<0.02	1.3	0.35
1075656	Soil	2.80	0.083	2.0	10.3	0.48	351.4	0.013	7	0.37	0.015	0.02	<0.1	0.8	0.05	0.15	74	0.4	0.03	1.2	0.36
1075657	Soil	2.55	0.082	3.4	15.8	0.41	326.2	0.010	7	0.47	0.020	0.02	<0.1	1.4	0.04	0.15	26	0.3	<0.02	1.2	0.66
1075658	Soil	3.18	0.095	3.0	12.4	0.59	454.6	0.008	6	0.49	0.013	0.03	<0.1	0.9	0.08	0.16	69	0.5	<0.02	1.3	0.87
1075659	Soil	2.40	0.093	3.6	18.5	0.61	277.9	0.010	5	0.62	0.014	0.04	<0.1	1.4	0.06	0.15	71	0.3	0.02	1.5	2.56
1075660	Soil	0.37	0.111	6.8	13.7	0.17	124.2	0.006	1	0.78	0.012	0.04	<0.1	0.4	0.07	0.14	90	0.5	0.03	2.6	0.67

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI	1F	1F	1F	1F
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI	Mo	Cu	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	ppm	ppm	ppm	ppm
	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	0.01	0.01	0.01	0.1
1075981	Soil	0.1	0.05	0.33	1.7	0.7	<0.05	1.5	7.01	20.1	<0.02	<1	1.4	0.9	<10	<2	58.0	N.A.	N.A.	N.A.	N.A.
1075982	Soil	<0.1	0.08	0.32	2.3	6.4	<0.05	3.3	10.33	22.0	<0.02	<1	1.4	3.0	<10	<2	66.2	N.A.	N.A.	N.A.	N.A.
1075983	Soil	<0.1	0.09	0.43	1.4	0.5	<0.05	2.3	5.69	11.2	<0.02	<1	0.6	2.1	<10	<2	65.2	N.A.	N.A.	N.A.	N.A.
1075984	Soil	<0.1	0.09	0.27	2.5	10.9	<0.05	3.8	6.92	13.2	<0.02	<1	1.1	3.2	<10	<2	67.8	N.A.	N.A.	N.A.	N.A.
1075985	Soil	<0.1	0.09	0.55	2.2	0.6	<0.05	3.1	10.54	23.8	0.02	<1	1.4	6.8	<10	<2	34.8	N.A.	N.A.	N.A.	N.A.
1075986	Soil	<0.1	0.08	0.44	2.5	3.7	<0.05	4.7	5.62	11.3	<0.02	<1	0.6	5.1	<10	<2	59.2	N.A.	N.A.	N.A.	N.A.
1075987	Soil	<0.1	<0.02	0.32	2.1	0.7	<0.05	0.2	10.22	55.8	0.04	2	0.9	1.7	<10	<2	63.1	N.A.	N.A.	N.A.	N.A.
1075988	Soil	<0.1	<0.02	0.49	1.6	5.4	<0.05	0.3	5.39	20.2	0.04	<1	0.3	1.3	<10	2	65.9	N.A.	N.A.	N.A.	N.A.
1075989	Soil	<0.1	<0.02	0.31	1.0	3.6	<0.05	0.2	4.98	15.5	<0.02	1	0.2	0.4	<10	<2	81.7	N.A.	N.A.	N.A.	N.A.
1075990 BAL-1	Soil	<0.1	0.04	0.25	8.1	0.8	<0.05	2.4	19.52	34.6	0.04	12	0.8	8.8	<10	10	13.2	N.A.	N.A.	N.A.	N.A.
1075991	Soil	<0.1	0.06	0.26	0.9	5.3	<0.05	3.1	11.44	16.6	<0.02	2	2.2	1.0	<10	<2	80.7	N.A.	N.A.	N.A.	N.A.
1075992	Soil	<0.1	0.05	0.25	1.2	2.8	<0.05	3.2	8.68	9.7	<0.02	3	0.9	1.1	<10	<2	83.1	N.A.	N.A.	N.A.	N.A.
1075993	Soil	<0.1	<0.02	0.30	3.6	12.3	<0.05	0.8	6.57	25.1	0.02	<1	1.1	2.8	<10	<2	52.3	N.A.	N.A.	N.A.	N.A.
1075994	Soil	<0.1	<0.02	0.16	2.3	2.5	<0.05	0.2	2.42	9.5	<0.02	<1	0.3	0.4	<10	2	73.3	N.A.	N.A.	N.A.	N.A.
1075995	Soil	<0.1	0.02	0.36	2.4	6.3	<0.05	1.3	14.64	41.8	0.03	<1	2.0	1.6	<10	<2	64.2	N.A.	N.A.	N.A.	N.A.
1075996	Soil	<0.1	0.09	0.27	4.1	1.1	<0.05	3.5	5.99	12.3	<0.02	2	1.0	2.6	<10	<2	76.8	N.A.	N.A.	N.A.	N.A.
1075997	Soil	<0.1	0.10	0.20	1.6	3.0	<0.05	4.3	12.87	22.1	0.02	2	2.0	0.9	<10	<2	82.1	N.A.	N.A.	N.A.	N.A.
1075998	Soil	<0.1	<0.02	0.30	4.7	1.1	<0.05	0.3	11.34	41.9	<0.02	<1	0.6	1.4	<10	<2	70.3	N.A.	N.A.	N.A.	N.A.
1075999	Soil	<0.1	<0.02	0.67	8.0	6.1	<0.05	0.7	11.85	39.1	0.03	2	0.9	4.3	<10	<2	58.2	N.A.	N.A.	N.A.	N.A.
1076000	Soil	<0.1	<0.02	0.66	10.0	0.9	<0.05	0.9	12.40	37.0	<0.02	2	0.8	3.9	<10	<2	52.3	N.A.	N.A.	N.A.	N.A.
1075651	Soil	<0.1	<0.02	0.72	9.4	4.6	<0.05	0.8	8.72	26.0	<0.02	<1	0.5	4.1	<10	<2	66.2	N.A.	N.A.	N.A.	N.A.
1075652	Soil	<0.1	<0.02	0.29	2.4	0.4	<0.05	<0.1	8.95	30.3	0.02	<1	0.7	0.6	<10	<2	73.9	N.A.	N.A.	N.A.	N.A.
1075653	Soil	<0.1	0.06	0.28	1.7	4.5	<0.05	2.8	3.05	7.4	<0.02	<1	0.4	0.8	<10	<2	80.3	N.A.	N.A.	N.A.	N.A.
1075654	Soil	<0.1	0.06	0.15	1.3	0.6	<0.05	2.3	2.37	5.1	<0.02	<1	0.3	1.0	<10	<2	84.5	N.A.	N.A.	N.A.	N.A.
1075655	Soil	<0.1	0.05	0.25	1.0	3.5	<0.05	2.5	4.12	9.5	<0.02	<1	0.3	1.1	<10	<2	70.5	N.A.	N.A.	N.A.	N.A.
1075656	Soil	<0.1	0.06	0.28	1.1	0.6	<0.05	2.8	1.88	4.4	<0.02	<1	0.1	1.0	<10	<2	70.0	N.A.	N.A.	N.A.	N.A.
1075657	Soil	<0.1	0.08	0.33	1.7	0.6	<0.05	3.5	4.79	6.3	<0.02	<1	0.3	1.4	<10	<2	57.5	N.A.	N.A.	N.A.	N.A.
1075658	Soil	<0.1	0.05	0.30	2.0	0.2	<0.05	2.2	3.24	7.7	<0.02	<1	0.2	1.4	<10	<2	71.7	N.A.	N.A.	N.A.	N.A.
1075659	Soil	<0.1	0.07	0.42	3.5	1.7	<0.05	3.7	3.69	7.7	<0.02	<1	0.3	1.7	<10	<2	64.9	N.A.	N.A.	N.A.	N.A.
1075660	Soil	<0.1	<0.02	0.36	2.9	0.6	<0.05	0.1	5.39	15.4	<0.02	<1	0.4	2.5	<10	<2	55.6	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
		Unit	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm
		MDL	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	0.5	0.5	0.01	0.5
1075981	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075982	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075983	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075984	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075985	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075986	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075987	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075988	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075989	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075990 BAL-1	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075991	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075992	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075993	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075994	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075995	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075996	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075997	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075998	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075999	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1076000	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075651	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075652	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075653	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075654	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075655	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075656	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075657	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075658	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075659	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075660	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
		Unit	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	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	0.1	0.02	0.02	0.1	0.1	0.05
1075981	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075982	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075983	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075984	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075985	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075986	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075987	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075988	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075989	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075990 BAL-1	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075991	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075992	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075993	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075994	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075995	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075996	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075997	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075998	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075999	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1076000	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075651	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075652	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075653	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075654	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075655	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075656	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075657	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075658	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075659	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075660	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1075981	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075982	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075983	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075984	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075985	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075986	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075987	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075988	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075989	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075990 BAL-1	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075991	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075992	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075993	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075994	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075995	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075996	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075997	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075998	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075999	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1076000	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075651	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075652	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075653	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075654	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075655	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075656	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075657	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075658	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075659	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075660	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		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	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
1075661	Soil		49.00	246.0	0.94	22.36	14.74	30.7	210	6.4	6.0	251	1.10	3.7	0.5	0.4	0.1	41.8	0.50	0.29	0.05	12
1075662	Soil		31.00	163.0	0.90	23.34	9.93	27.8	292	6.9	5.1	41	0.85	3.0	0.5	<0.2	0.2	38.4	0.45	0.33	0.05	9
1075663	Soil		58.00	242.0	0.96	17.24	8.89	36.1	193	7.3	8.2	250	1.35	3.9	0.6	1.8	0.2	31.3	0.39	0.30	0.06	17
1075664	Soil		63.00	248.0	0.99	21.51	10.09	37.2	243	9.1	5.3	132	1.37	4.0	0.7	0.2	0.1	29.8	0.43	0.29	0.08	17
1075665	Soil		56.00	190.0	1.24	20.15	5.89	16.7	325	5.9	3.0	49	2.16	5.4	0.7	0.4	<0.1	38.4	0.32	0.20	0.05	19
1075666	Soil		61.00	213.0	2.19	56.03	26.21	26.8	1044	12.0	5.0	132	2.21	18.6	1.3	1.0	<0.1	36.7	0.68	0.39	0.17	37
1075667	Soil		63.00	233.0	1.76	58.71	21.42	41.9	866	15.9	11.6	421	1.76	6.7	1.1	0.2	<0.1	39.5	0.66	0.26	0.12	27
1075668	Soil		75.00	250.0	1.73	76.68	9.20	31.2	643	18.8	9.8	366	1.69	5.6	1.1	<0.2	<0.1	34.3	0.80	0.22	0.14	41
1075669	Soil		73.00	253.0	0.51	78.70	11.75	35.1	982	19.9	5.2	178	0.64	2.2	1.3	<0.2	<0.1	59.1	1.24	0.19	0.08	7
1075670 Agi Dagi B	Soil		N.A.	N.A.	2.63	8.16	24.39	16.8	40	10.7	3.2	63	3.32	57.1	0.7	85.4	4.3	28.3	0.02	0.78	1.83	53
1075671	Soil		53.00	246.0	0.82	51.67	11.62	25.5	560	15.2	6.4	116	1.09	3.2	1.1	1.0	<0.1	43.3	0.62	0.22	0.25	11
1075672	Soil		60.00	331.0	9.74	71.62	37.68	34.3	980	17.6	41.5	5054	5.74	21.4	4.4	3.5	0.8	38.1	0.79	0.56	0.42	113
1075673	Soil		64.00	233.0	1.49	47.56	21.58	84.6	446	23.9	9.6	489	1.13	3.8	2.1	3.1	<0.1	46.9	4.19	0.38	0.35	26
1075674	Soil		64.00	286.0	5.42	97.99	14.68	48.5	800	19.0	18.5	1294	3.74	19.7	5.0	2.1	0.2	46.8	2.68	0.54	0.29	64
1075801	Soil		59.00	262.0	0.96	106.8	10.96	69.5	952	19.9	9.7	3139	0.79	3.5	2.2	1.0	<0.1	75.3	2.47	0.75	0.07	13
1075802	Soil		70.00	265.0	0.98	128.6	17.34	70.8	942	23.3	17.1	4096	1.03	3.8	2.1	1.1	<0.1	61.0	2.46	0.46	0.08	21
1075803	Soil		57.00	244.0	0.79	49.72	18.42	50.6	550	12.3	11.5	764	1.11	4.7	1.4	1.2	<0.1	62.7	0.92	0.34	0.10	22
1075804	Soil		60.00	265.0	3.14	56.77	18.72	35.6	543	13.2	31.4	3042	1.99	16.0	1.4	1.7	<0.1	59.6	0.88	0.56	0.10	43
1075805	Soil		56.00	229.0	1.62	76.04	14.62	56.6	406	17.4	6.5	524	1.26	9.4	1.3	0.9	<0.1	53.5	1.94	0.37	0.08	20
1075806	Soil		13.00	296.0	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.
1075807	Soil		68.00	278.0	1.13	35.94	4.32	34.1	168	91.6	17.9	1420	2.34	10.0	0.8	0.8	0.1	112.7	0.35	0.18	0.06	29
1075808	Soil		70.00	223.0	3.00	48.01	2.75	123.3	136	61.2	49.7	8130	1.74	7.3	0.6	1.3	0.2	264.8	1.83	0.30	0.05	28
1075809	Soil		53.00	192.0	1.02	47.17	3.68	81.5	77	38.8	7.9	2493	0.87	2.5	0.9	0.6	0.4	229.4	0.64	0.25	0.04	21
1075810 BAL-1	Soil		N.A.	N.A.	1.22	16.85	22.96	81.9	127	31.7	6.6	246	1.68	4.8	1.4	0.8	1.6	27.4	1.66	0.51	0.10	44
1075811	Soil		81.00	222.0	1.01	26.17	3.00	52.7	49	104.6	17.7	2479	1.75	3.7	1.6	0.8	0.7	228.1	0.17	0.15	0.06	34
1075812	Soil		69.00	361.0	0.45	29.19	4.90	62.4	47	108.4	19.4	1604	2.44	3.3	1.7	1.8	1.8	147.9	0.19	0.10	0.06	55
1075813	Soil		78.00	270.0	0.56	21.78	4.63	22.3	93	35.3	4.0	150	0.92	1.4	0.9	1.1	<0.1	109.3	0.24	0.14	0.05	18
1075814	Soil		41.00	239.0	0.95	34.91	6.25	35.3	78	127.7	18.8	2867	1.75	2.7	1.1	1.6	0.5	190.6	0.24	0.16	0.10	36
1075815	Soil		66.00	217.0	0.70	34.39	2.12	35.3	80	100.9	9.9	979	1.14	1.7	0.5	1.1	0.3	193.6	0.26	0.19	0.04	27
1075816	Soil		68.00	227.0	4.01	112.2	59.22	126.8	1153	32.5	35.7	5165	1.55	24.9	1.9	1.3	<0.1	55.0	4.74	1.67	0.10	40

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	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
1075661	Soil	0.57	0.093	6.6	7.3	0.12	154.9	0.014	3	0.61	0.005	0.04	<0.1	1.1	0.04	0.13	145	0.3	0.04	1.2	0.41
1075662	Soil	0.44	0.079	7.5	7.9	0.11	153.4	0.014	3	0.60	0.006	0.04	<0.1	1.3	0.04	0.12	156	0.3	<0.02	1.0	0.43
1075663	Soil	0.37	0.098	6.8	11.2	0.17	137.7	0.017	2	0.83	0.006	0.04	<0.1	1.2	0.05	0.13	136	0.3	0.02	2.1	0.63
1075664	Soil	0.33	0.095	8.0	12.6	0.18	147.5	0.018	2	0.85	0.008	0.04	<0.1	1.1	0.05	0.11	137	0.3	<0.02	2.2	0.64
1075665	Soil	0.41	0.124	6.9	6.5	0.06	153.2	0.008	2	0.62	0.005	0.02	<0.1	0.8	0.03	0.16	110	0.4	<0.02	0.7	0.13
1075666	Soil	0.38	0.166	7.5	13.2	0.08	145.0	0.003	1	0.81	0.007	0.02	<0.1	0.4	0.06	0.17	81	0.5	<0.02	1.7	0.56
1075667	Soil	0.36	0.124	9.7	12.4	0.12	165.1	0.004	1	0.80	0.012	0.03	<0.1	0.3	0.08	0.12	94	0.4	<0.02	2.1	0.97
1075668	Soil	0.30	0.104	10.4	12.0	0.08	144.9	0.003	<1	0.63	0.015	0.03	<0.1	0.2	0.07	0.09	69	0.3	0.03	2.2	0.68
1075669	Soil	0.53	0.111	18.3	9.1	0.09	192.3	0.003	1	0.75	0.015	0.03	<0.1	0.4	0.07	0.09	89	0.2	<0.02	1.2	0.74
1075670 Agi Dagi B	Soil	0.04	0.016	8.2	21.0	0.13	64.1	0.019	2	1.17	0.001	0.07	0.1	2.0	0.09	<0.02	33	2.4	0.36	8.0	0.88
1075671	Soil	0.38	0.115	12.0	11.3	0.11	157.2	0.004	2	0.74	0.012	0.04	<0.1	0.4	0.07	0.11	95	0.2	0.03	1.3	0.70
1075672	Soil	0.32	0.126	21.3	26.0	0.16	191.5	0.017	<1	1.20	0.006	0.03	0.1	1.7	0.26	0.13	82	0.6	0.02	2.7	1.63
1075673	Soil	0.39	0.087	12.9	23.4	0.28	153.1	0.024	1	0.80	0.010	0.04	0.1	0.7	0.13	0.07	83	0.3	<0.02	3.2	4.03
1075674	Soil	0.42	0.139	19.4	18.4	0.15	163.8	0.010	1	0.80	0.008	0.03	0.1	0.8	0.17	0.15	120	0.6	0.06	1.8	1.71
1075801	Soil	1.06	0.142	26.8	8.8	0.12	332.1	0.003	2	0.90	0.010	0.04	<0.1	0.3	0.08	0.15	123	0.7	0.04	1.2	0.43
1075802	Soil	0.83	0.099	22.3	10.6	0.12	293.4	0.004	1	0.82	0.015	0.03	<0.1	0.4	0.06	0.10	84	0.5	0.02	1.9	0.53
1075803	Soil	0.84	0.097	15.3	14.5	0.21	238.3	0.017	1	0.89	0.014	0.05	<0.1	1.0	0.06	0.11	93	0.3	<0.02	2.9	0.77
1075804	Soil	0.78	0.172	17.2	12.4	0.13	295.9	0.005	2	0.72	0.012	0.02	<0.1	0.4	0.06	0.17	108	0.6	0.10	2.0	0.39
1075805	Soil	0.62	0.139	19.9	10.4	0.13	303.4	0.004	2	0.59	0.009	0.03	<0.1	0.3	0.03	0.13	124	0.4	0.03	1.5	0.48
1075806	Soil	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.
1075807	Soil	0.88	0.129	10.7	50.0	0.75	219.5	0.014	2	1.27	0.007	0.03	<0.1	1.5	0.04	0.15	105	0.6	<0.02	2.7	0.80
1075808	Soil	2.13	0.151	7.2	9.0	0.40	444.4	0.008	4	0.48	0.011	0.02	<0.1	0.6	0.08	0.16	104	0.6	0.04	1.2	0.40
1075809	Soil	1.99	0.149	9.3	14.1	0.53	302.3	0.010	5	0.64	0.014	0.04	<0.1	1.1	0.05	0.15	89	0.4	0.06	1.5	0.56
1075810 BAL-1	Soil	0.64	0.054	17.4	30.0	0.17	59.9	0.002	5	1.28	0.006	0.07	<0.1	3.3	0.32	0.06	101	1.3	<0.02	3.4	0.67
1075811	Soil	1.62	0.122	7.3	49.6	1.21	140.4	0.023	7	0.90	0.018	0.05	<0.1	2.3	0.07	0.13	50	0.5	<0.02	2.4	0.61
1075812	Soil	1.04	0.104	9.9	75.5	1.45	142.2	0.040	5	1.37	0.030	0.06	<0.1	4.9	0.06	0.07	48	0.3	0.03	3.7	0.40
1075813	Soil	0.66	0.069	7.5	20.8	0.37	92.1	0.008	<1	0.64	0.019	0.04	<0.1	0.3	0.03	0.05	77	0.3	<0.02	1.9	0.72
1075814	Soil	1.32	0.136	9.3	45.0	0.82	135.0	0.029	5	0.89	0.014	0.03	<0.1	2.3	0.06	0.15	72	0.6	<0.02	2.2	0.59
1075815	Soil	1.48	0.108	10.3	36.6	0.88	169.5	0.016	5	0.69	0.018	0.04	<0.1	1.5	0.04	0.12	86	0.3	0.03	1.9	0.57
1075816	Soil	1.44	0.155	17.2	13.5	0.18	252.4	0.004	1	0.84	0.010	0.03	<0.1	0.6	0.07	0.15	100	0.7	<0.02	2.3	0.66

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI	1F	1F	1F	1F
		Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI	Mo	Cu	Pb	Zn
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	ppm	ppm	ppm	ppm
		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	0.01	0.01	0.01	0.1
1075661	Soil		<0.1	<0.02	0.31	1.8	5.6	<0.05	0.4	5.00	15.1	0.02	<1	0.3	1.5	<10	<2	78.2	N.A.	N.A.	N.A.	N.A.
1075662	Soil		<0.1	<0.02	0.26	1.9	1.3	<0.05	0.3	5.16	16.9	<0.02	<1	0.3	1.5	<10	<2	81.1	N.A.	N.A.	N.A.	N.A.
1075663	Soil		<0.1	<0.02	0.50	3.2	2.0	<0.05	0.7	4.40	14.8	<0.02	<1	0.3	3.2	<10	<2	69.8	N.A.	N.A.	N.A.	N.A.
1075664	Soil		<0.1	<0.02	0.56	4.0	0.6	<0.05	0.5	4.84	17.7	<0.02	<1	0.3	3.3	<10	<2	59.2	N.A.	N.A.	N.A.	N.A.
1075665	Soil		<0.1	<0.02	0.28	0.7	3.9	<0.05	0.6	4.61	15.0	<0.02	<1	0.3	0.3	<10	<2	86.8	N.A.	N.A.	N.A.	N.A.
1075666	Soil		<0.1	<0.02	0.48	3.2	0.5	<0.05	0.1	5.18	17.4	<0.02	<1	0.5	0.7	<10	<2	77.4	N.A.	N.A.	N.A.	N.A.
1075667	Soil		<0.1	<0.02	0.35	5.3	2.1	<0.05	<0.1	5.79	21.6	<0.02	<1	0.6	1.4	<10	<2	66.8	N.A.	N.A.	N.A.	N.A.
1075668	Soil		<0.1	<0.02	0.28	4.9	0.6	<0.05	0.1	6.82	23.9	<0.02	<1	0.6	1.0	<10	<2	47.8	N.A.	N.A.	N.A.	N.A.
1075669	Soil		<0.1	<0.02	0.22	5.3	2.4	<0.05	<0.1	9.74	40.9	<0.02	<1	1.1	0.8	<10	<2	61.0	N.A.	N.A.	N.A.	N.A.
1075670 Agi Dagi B	Soil		<0.1	0.10	0.31	10.3	0.5	<0.05	6.3	2.17	19.3	0.02	<1	0.2	6.3	<10	<2	10.6	N.A.	N.A.	N.A.	N.A.
1075671	Soil		<0.1	<0.02	0.32	5.5	0.3	<0.05	0.2	6.72	27.3	<0.02	<1	0.9	1.2	<10	<2	67.2	N.A.	N.A.	N.A.	N.A.
1075672	Soil		<0.1	<0.02	0.67	4.0	2.2	<0.05	0.5	11.22	60.2	0.04	<1	1.4	3.4	<10	<2	62.7	N.A.	N.A.	N.A.	N.A.
1075673	Soil		<0.1	<0.02	0.93	9.2	1.0	<0.05	0.5	8.23	26.6	0.03	1	0.8	5.5	<10	<2	52.4	N.A.	N.A.	N.A.	N.A.
1075674	Soil		<0.1	<0.02	0.51	4.6	1.2	<0.05	0.2	10.98	43.7	0.02	2	1.1	3.0	<10	<2	61.4	N.A.	N.A.	N.A.	N.A.
1075801	Soil		<0.1	<0.02	0.18	3.1	0.5	<0.05	<0.1	20.24	56.2	<0.02	2	1.6	1.2	<10	<2	72.2	N.A.	N.A.	N.A.	N.A.
1075802	Soil		<0.1	<0.02	0.18	3.4	1.3	<0.05	0.1	16.24	47.7	<0.02	2	1.0	1.6	<10	<2	54.1	N.A.	N.A.	N.A.	N.A.
1075803	Soil		<0.1	<0.02	0.48	5.9	0.5	<0.05	0.6	9.49	28.7	<0.02	2	0.9	3.7	<10	<2	56.7	N.A.	N.A.	N.A.	N.A.
1075804	Soil		<0.1	<0.02	0.24	1.9	2.1	<0.05	0.1	12.43	35.2	0.02	2	0.7	1.4	<10	<2	67.2	N.A.	N.A.	N.A.	N.A.
1075805	Soil		<0.1	<0.02	0.25	2.4	0.3	<0.05	<0.1	15.41	36.4	<0.02	<1	0.5	1.6	<10	<2	69.6	N.A.	N.A.	N.A.	N.A.
1075806	Soil		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.	81.9	0.96	35.00	16.83	86.0
1075807	Soil		<0.1	0.02	0.33	5.0	1.2	<0.05	0.6	8.05	21.4	<0.02	<1	1.0	4.8	<10	<2	65.5	N.A.	N.A.	N.A.	N.A.
1075808	Soil		<0.1	<0.02	0.17	2.0	1.0	<0.05	0.8	6.38	16.5	<0.02	<1	1.6	0.9	<10	<2	78.1	N.A.	N.A.	N.A.	N.A.
1075809	Soil		<0.1	0.08	0.29	3.7	2.0	<0.05	2.8	8.71	20.2	<0.02	1	1.6	2.7	<10	<2	69.3	N.A.	N.A.	N.A.	N.A.
1075810 BAL-1	Soil		<0.1	0.07	0.31	7.0	0.6	<0.05	2.3	18.14	30.9	0.03	<1	0.5	9.7	<10	<2	13.1	N.A.	N.A.	N.A.	N.A.
1075811	Soil		<0.1	0.12	0.46	6.2	0.5	<0.05	3.9	6.46	17.0	<0.02	<1	1.0	5.4	<10	<2	56.1	N.A.	N.A.	N.A.	N.A.
1075812	Soil		<0.1	0.19	0.63	8.9	1.5	<0.05	6.0	7.59	21.8	<0.02	<1	0.9	8.6	<10	3	36.0	N.A.	N.A.	N.A.	N.A.
1075813	Soil		<0.1	<0.02	0.27	6.2	0.5	<0.05	0.3	3.97	14.5	<0.02	<1	0.5	2.0	<10	<2	47.0	N.A.	N.A.	N.A.	N.A.
1075814	Soil		<0.1	0.06	0.39	4.6	6.7	<0.05	3.2	9.38	15.8	<0.02	<1	1.3	4.5	<10	3	59.5	N.A.	N.A.	N.A.	N.A.
1075815	Soil		<0.1	0.05	0.33	5.1	0.5	<0.05	2.4	9.06	18.5	<0.02	<1	1.0	3.8	<10	<2	66.1	N.A.	N.A.	N.A.	N.A.
1075816	Soil		<0.1	<0.02	0.25	3.7	1.3	<0.05	0.2	13.52	41.9	<0.02	1	1.3	2.4	<10	<2	68.2	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
		Unit	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm
		MDL	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	0.5	0.5	0.01	0.5
1075661	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075662	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075663	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075664	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075665	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075666	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075667	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075668	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075669	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075670 Agi Dagi B	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075671	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075672	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075673	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075674	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075801	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075802	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075803	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075804	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075805	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075806	Soil		83	138.3	4.1	3217	0.47	1.4	0.3	0.8	0.1	253.6	1.33	0.35	0.06	6	2.18	0.120	3.9	8.4	0.85	202.3
1075807	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075808	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075809	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075810 BAL-1	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075811	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075812	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075813	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075814	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075815	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075816	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
		Unit	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	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	0.1	0.02	0.02	0.1	0.1	0.05
1075661	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075662	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075663	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075664	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075665	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075666	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075667	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075668	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075669	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075670 Agi Dagi B	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075671	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075672	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075673	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075674	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075801	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075802	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075803	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075804	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075805	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075806	Soil		0.009	<20	0.50	0.016	0.02	<0.1	0.4	0.06	0.21	101	0.6	0.06	1.0	0.28	<0.1	0.04	0.14	1.6	24.4	<0.05
1075807	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075808	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075809	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075810 BAL-1	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075811	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075812	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075813	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075814	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075815	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075816	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1075661	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075662	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075663	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075664	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075665	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075666	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075667	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075668	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075669	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075670 Agi Dagi B	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075671	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075672	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075673	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075674	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075801	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075802	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075803	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075804	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075805	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075806	Soil	1.6	4.05	6.3	<0.02	<1	0.5	1.1	<10	<2
1075807	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075808	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075809	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075810 BAL-1	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075811	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075812	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075813	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075814	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075815	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075816	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	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
1075817	Soil	69.00	239.0	3.03	97.01	23.40	73.0	911	26.4	27.9	3265	1.69	31.5	1.9	1.1	<0.1	53.3	2.21	1.03	0.09	37
1075818	Soil	51.00	233.0	2.00	68.42	13.48	45.9	502	16.5	3.0	220	1.59	14.8	1.1	1.5	<0.1	44.3	1.22	0.43	0.08	21
1075819	Soil	64.00	281.0	1.61	52.95	6.18	33.2	274	11.4	4.3	91	1.35	3.7	0.7	0.8	<0.1	28.0	0.86	0.24	0.05	11
1075820	Soil	12.00	233.0	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.
1075821	Soil	67.00	338.0	0.71	24.26	4.54	13.0	143	6.6	2.8	40	2.73	13.2	0.8	2.1	<0.1	24.9	0.33	0.31	0.07	28
1075822	Soil	90.00	380.0	0.39	22.72	12.10	34.4	102	9.5	3.1	75	1.92	12.2	0.5	2.0	0.4	19.7	0.24	0.39	0.11	34
1075901	Soil	53.00	195.0	2.46	36.92	0.96	110.3	91	251.8	188.3	>10000	4.35	5.7	1.1	1.2	0.4	296.0	1.34	0.26	0.02	33
1075902	Soil	56.00	217.0	1.31	41.39	3.03	97.9	81	142.6	29.5	5869	1.84	3.8	1.0	1.2	0.4	205.6	0.43	0.29	0.05	33
1075903	Soil	41.00	157.0	3.34	29.41	1.47	171.1	76	238.0	113.0	>10000	3.73	8.7	0.7	0.4	0.2	212.1	1.07	0.29	0.04	51
1075904	Soil	61.00	243.0	1.10	33.38	2.94	44.0	79	98.0	25.8	3480	1.35	2.4	1.0	1.0	0.2	173.8	0.29	0.24	0.06	28
1075905	Soil	57.00	219.0	1.13	32.41	1.21	43.2	106	93.3	7.8	2979	0.58	1.2	0.3	1.3	0.1	218.1	0.47	0.33	0.03	8
1075906	Soil	29.00	223.0	2.61	42.28	2.74	26.5	127	119.9	28.2	6959	1.95	2.3	0.3	0.9	0.1	177.8	0.60	0.37	0.04	22
1075907	Soil	33.00	225.0	1.22	29.30	1.53	88.0	74	58.2	4.9	3047	0.53	1.3	0.3	1.5	0.1	189.2	0.55	0.35	0.04	9
1075908	Soil	16.00	287.0	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.
1075909	Soil	42.00	199.0	0.93	22.02	1.55	112.2	47	54.2	13.2	2260	0.62	2.0	0.3	0.9	0.1	177.0	0.58	0.28	0.03	9
1075910 BAL-1	Soil	N.A.	N.A.	1.17	16.55	22.48	82.0	126	32.4	6.8	247	1.69	4.6	1.4	1.8	1.6	28.0	1.76	0.53	0.10	46
1075911	Soil	65.00	191.0	0.79	25.24	2.56	84.2	66	56.9	3.6	893	0.52	1.7	0.3	1.1	0.1	162.9	0.49	0.28	0.05	10
1075912	Soil	44.00	171.0	0.66	15.82	0.86	125.2	38	32.9	1.9	318	0.33	1.1	0.1	0.6	0.1	196.0	0.61	0.18	0.03	7
1075913	Soil	69.00	230.0	0.66	31.80	2.93	73.8	59	85.8	9.3	848	1.27	3.5	0.7	3.6	0.4	180.8	0.38	0.57	0.13	27
1075914	Soil	86.00	319.0	0.64	42.23	22.92	55.3	314	13.9	8.0	174	1.25	3.1	0.8	0.4	0.2	27.3	0.70	0.26	0.15	27
1075915	Soil	39.00	238.0	1.92	82.23	12.19	36.7	424	15.6	5.4	323	2.02	4.1	1.4	<0.2	<0.1	33.8	1.05	0.27	0.11	33
1075916	Soil	32.00	227.0	5.35	36.51	32.90	112.7	398	20.0	67.1	>10000	2.99	13.1	2.6	1.0	0.7	81.9	5.81	0.91	0.28	60
1075917	Soil	53.00	215.0	1.07	66.11	39.44	115.8	530	26.2	15.7	833	1.55	5.6	3.8	1.5	0.6	67.4	4.12	0.39	0.29	32
1075918	Soil	82.00	267.0	0.68	51.88	13.75	28.1	578	17.1	4.4	63	1.13	4.3	1.0	0.8	<0.1	28.7	1.29	0.23	0.16	24
1075919	Soil	41.00	169.0	0.83	66.68	47.28	50.5	655	17.7	12.0	935	0.78	3.9	8.9	0.6	0.3	142.3	2.43	1.41	0.13	14
1075920	Soil	66.00	197.0	1.77	196.5	27.36	131.8	1198	45.6	16.4	2758	1.38	6.4	10.4	1.4	<0.1	113.1	6.67	0.75	0.19	27
1075921	Soil	62.00	235.0	2.26	92.04	22.79	47.6	2601	17.7	9.1	992	1.61	8.7	6.9	1.1	0.2	95.1	1.80	0.76	0.15	32
1075922	Soil	29.00	220.0	0.98	74.66	8.19	63.2	2103	14.1	5.6	546	0.69	2.4	5.3	<0.2	0.2	114.9	2.95	0.82	0.09	13
1075923	Soil	39.00	197.0	2.55	85.95	44.59	84.6	1294	23.0	27.4	5134	1.91	10.2	6.6	2.2	0.4	88.6	2.64	1.01	0.21	39
1075924	Soil	51.00	205.0	0.72	67.38	16.41	109.9	511	20.7	7.5	331	0.79	4.0	1.8	<0.2	<0.1	69.2	3.02	0.28	0.13	18

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		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
1075817	Soil		1.17	0.153	18.2	14.2	0.17	263.7	0.005	2	0.87	0.010	0.02	<0.1	0.7	0.06	0.15	104	1.1	0.04	1.9	0.43
1075818	Soil		0.62	0.176	8.7	9.4	0.09	168.3	0.002	1	0.56	0.009	0.02	<0.1	0.4	0.02	0.16	104	0.6	0.04	1.0	0.27
1075819	Soil		0.31	0.132	7.7	8.6	0.06	147.1	0.003	<1	0.46	0.009	0.02	<0.1	0.3	0.02	0.12	93	0.5	<0.02	0.8	0.26
1075820	Soil		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.
1075821	Soil		0.31	0.106	5.8	13.5	0.07	110.8	0.011	<1	0.64	0.007	0.01	<0.1	0.7	0.03	0.14	61	0.6	0.04	1.3	0.29
1075822	Soil		0.26	0.055	7.5	20.3	0.24	104.3	0.037	<1	1.12	0.008	0.03	0.1	1.8	0.06	0.07	59	0.4	<0.02	3.8	0.84
1075901	Soil		2.06	0.150	8.5	16.4	0.54	1170	0.005	6	0.32	0.004	0.03	0.2	1.1	0.08	0.17	90	0.4	<0.02	0.8	0.27
1075902	Soil		1.73	0.145	10.3	30.7	0.77	383.6	0.011	5	0.73	0.008	0.04	<0.1	1.5	0.07	0.16	91	0.4	<0.02	1.9	1.01
1075903	Soil		1.89	0.166	8.3	10.9	0.52	1052	0.005	5	0.39	0.004	0.03	0.1	0.8	0.10	0.18	141	0.5	<0.02	1.2	0.31
1075904	Soil		1.72	0.107	7.0	29.3	0.53	329.9	0.017	3	0.72	0.014	0.02	<0.1	1.6	0.05	0.12	78	0.5	0.04	2.4	0.37
1075905	Soil		2.13	0.126	2.9	9.7	0.49	434.3	0.008	6	0.43	0.008	0.02	<0.1	0.5	0.05	0.20	86	0.7	0.02	0.9	0.12
1075906	Soil		1.72	0.116	4.3	12.0	0.37	667.9	0.015	4	0.53	0.013	0.02	<0.1	0.8	0.08	0.17	101	0.8	0.03	1.5	0.16
1075907	Soil		2.04	0.111	3.6	7.9	0.45	422.4	0.012	5	0.49	0.013	0.02	<0.1	0.7	0.07	0.18	91	0.4	<0.02	1.2	0.38
1075908	Soil		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.
1075909	Soil		2.27	0.106	2.4	8.4	0.55	336.6	0.010	7	0.38	0.010	0.02	<0.1	0.6	0.08	0.17	79	0.4	<0.02	1.0	0.70
1075910 BAL-1	Soil		0.65	0.052	18.1	30.1	0.17	58.2	0.002	4	1.29	0.006	0.07	<0.1	3.4	0.32	0.06	94	1.4	<0.02	3.4	0.68
1075911	Soil		2.04	0.100	2.7	9.0	0.49	289.5	0.014	6	0.46	0.017	0.03	<0.1	0.7	0.04	0.16	83	0.5	0.03	1.2	1.21
1075912	Soil		2.51	0.080	1.5	5.3	0.63	168.9	0.009	10	0.21	0.009	0.02	<0.1	0.5	0.02	0.15	103	0.3	0.03	0.6	1.12
1075913	Soil		2.47	0.117	6.5	39.8	0.74	288.3	0.009	6	0.61	0.011	0.03	<0.1	2.9	0.08	0.15	80	0.1	<0.02	1.5	1.15
1075914	Soil		0.24	0.048	9.9	20.3	0.33	121.3	0.042	2	0.92	0.012	0.06	<0.1	1.3	0.07	0.04	55	0.2	0.06	4.0	1.33
1075915	Soil		0.30	0.136	14.2	10.3	0.09	210.1	0.004	<1	0.71	0.010	0.03	<0.1	0.4	0.03	0.13	117	0.6	<0.02	1.8	0.36
1075916	Soil		0.73	0.128	16.8	21.8	0.30	468.8	0.034	4	0.90	0.074	0.06	0.2	2.1	0.70	0.13	102	<0.1	<0.02	3.4	3.45
1075917	Soil		0.56	0.096	20.4	25.6	0.35	320.4	0.041	<1	1.01	0.010	0.05	0.1	1.7	0.09	0.10	95	0.3	0.03	3.4	3.11
1075918	Soil		0.20	0.070	10.3	15.1	0.12	107.7	0.005	<1	0.85	0.011	0.03	<0.1	0.2	0.05	0.06	63	0.2	<0.02	3.4	1.00
1075919	Soil		1.62	0.108	37.5	13.9	0.21	201.3	0.015	1	1.06	0.008	0.03	<0.1	1.5	0.19	0.17	127	0.7	<0.02	1.7	1.29
1075920	Soil		1.16	0.140	41.6	18.2	0.20	262.1	0.004	2	1.15	0.012	0.04	0.1	0.4	0.17	0.14	105	0.4	<0.02	2.4	2.17
1075921	Soil		1.02	0.127	27.2	17.3	0.15	170.1	0.015	3	0.99	0.013	0.03	<0.1	1.2	0.16	0.17	140	0.6	<0.02	2.1	1.43
1075922	Soil		1.37	0.124	19.7	10.6	0.13	169.4	0.014	<1	0.69	0.010	0.04	<0.1	0.9	0.13	0.17	129	0.3	<0.02	1.2	1.09
1075923	Soil		0.91	0.135	23.5	24.4	0.27	227.9	0.024	3	1.30	0.012	0.05	0.1	1.8	0.41	0.17	153	0.8	<0.02	3.4	2.85
1075924	Soil		0.60	0.061	14.2	12.8	0.11	164.8	0.019	<1	0.57	0.014	0.04	<0.1	0.6	0.05	0.08	66	0.5	0.04	2.4	1.15

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI	1F	1F	1F	1F
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI	Mo	Cu	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	ppm	ppm	ppm	ppm
	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	0.01	0.01	0.01	0.1
1075817	Soil	<0.1	<0.02	0.30	2.6	0.3	<0.05	0.3	14.10	35.3	<0.02	<1	1.0	2.2	<10	<2	67.3	N.A.	N.A.	N.A.	N.A.
1075818	Soil	<0.1	<0.02	0.33	2.3	2.0	<0.05	<0.1	6.83	17.0	<0.02	<1	0.6	0.7	<10	<2	76.9	N.A.	N.A.	N.A.	N.A.
1075819	Soil	<0.1	<0.02	0.25	1.2	0.2	<0.05	<0.1	5.41	15.1	<0.02	<1	0.4	0.6	<10	<2	71.8	N.A.	N.A.	N.A.	N.A.
1075820	Soil	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.	79.4	1.63	54.29	8.49	27.4
1075821	Soil	<0.1	<0.02	0.59	1.5	0.2	<0.05	0.5	4.14	11.7	<0.02	<1	0.2	0.9	<10	<2	72.8	N.A.	N.A.	N.A.	N.A.
1075822	Soil	<0.1	<0.02	0.91	3.7	1.1	<0.05	1.1	3.82	15.0	<0.02	<1	0.2	6.2	<10	<2	36.9	N.A.	N.A.	N.A.	N.A.
1075901	Soil	<0.1	0.06	0.11	1.9	0.2	<0.05	2.6	10.09	24.2	<0.02	<1	1.5	0.7	<10	2	78.1	N.A.	N.A.	N.A.	N.A.
1075902	Soil	<0.1	0.08	0.26	5.1	1.6	<0.05	2.7	10.90	19.4	<0.02	<1	1.2	3.2	<10	<2	70.1	N.A.	N.A.	N.A.	N.A.
1075903	Soil	0.1	0.05	0.10	1.9	0.5	<0.05	1.8	7.28	32.3	<0.02	<1	1.0	0.7	<10	<2	80.4	N.A.	N.A.	N.A.	N.A.
1075904	Soil	<0.1	0.05	0.36	1.8	0.8	<0.05	2.6	7.03	17.6	<0.02	<1	0.5	2.4	<10	<2	61.2	N.A.	N.A.	N.A.	N.A.
1075905	Soil	<0.1	0.06	0.16	0.9	0.3	<0.05	2.4	3.41	4.6	<0.02	<1	0.5	0.7	<10	<2	83.4	N.A.	N.A.	N.A.	N.A.
1075906	Soil	<0.1	0.05	0.24	1.1	2.3	<0.05	2.2	4.61	8.4	<0.02	<1	0.9	0.7	<10	<2	75.0	N.A.	N.A.	N.A.	N.A.
1075907	Soil	<0.1	0.07	0.21	1.4	0.2	<0.05	2.2	3.25	6.0	<0.02	<1	0.4	0.9	<10	<2	78.8	N.A.	N.A.	N.A.	N.A.
1075908	Soil	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.	75.6	1.28	33.34	4.76	90.5
1075909	Soil	<0.1	0.05	0.22	1.1	0.4	<0.05	2.1	2.15	5.2	<0.02	<1	0.3	1.0	<10	<2	79.8	N.A.	N.A.	N.A.	N.A.
1075910 BAL-1	Soil	<0.1	0.06	0.32	7.5	0.5	<0.05	2.2	18.61	31.2	0.02	1	0.7	9.1	<10	<2	12.9	N.A.	N.A.	N.A.	N.A.
1075911	Soil	<0.1	0.05	0.35	1.3	1.2	<0.05	2.5	2.65	5.0	<0.02	<1	0.5	0.8	<10	<2	67.2	N.A.	N.A.	N.A.	N.A.
1075912	Soil	<0.1	0.04	0.16	1.2	0.2	<0.05	1.7	1.25	2.4	<0.02	<1	0.1	0.8	<10	<2	84.5	N.A.	N.A.	N.A.	N.A.
1075913	Soil	<0.1	0.10	0.29	2.2	1.0	<0.05	3.7	6.59	10.6	0.04	2	0.6	2.1	<10	<2	65.3	N.A.	N.A.	N.A.	N.A.
1075914	Soil	<0.1	<0.02	0.75	7.1	0.5	<0.05	0.6	3.81	17.9	0.02	<1	0.3	7.5	<10	3	27.7	N.A.	N.A.	N.A.	N.A.
1075915	Soil	<0.1	<0.02	0.30	1.8	2.3	<0.05	<0.1	6.89	27.1	0.03	<1	1.1	1.3	<10	4	66.6	N.A.	N.A.	N.A.	N.A.
1075916	Soil	<0.1	<0.02	0.61	8.8	0.8	<0.05	0.5	8.66	62.1	<0.02	1	0.9	7.0	<10	4	59.3	N.A.	N.A.	N.A.	N.A.
1075917	Soil	<0.1	<0.02	1.09	8.8	1.8	<0.05	1.0	10.04	38.4	<0.02	2	1.4	8.5	<10	<2	51.3	N.A.	N.A.	N.A.	N.A.
1075918	Soil	<0.1	<0.02	0.37	5.0	0.4	<0.05	0.1	3.91	18.1	<0.02	<1	0.4	2.8	<10	<2	39.2	N.A.	N.A.	N.A.	N.A.
1075919	Soil	<0.1	0.02	0.44	3.8	2.2	<0.05	0.8	23.05	77.6	<0.02	1	2.2	2.9	<10	<2	76.8	N.A.	N.A.	N.A.	N.A.
1075920	Soil	<0.1	<0.02	0.42	6.7	0.3	<0.05	0.2	23.19	81.4	0.02	1	2.8	2.8	<10	<2	64.9	N.A.	N.A.	N.A.	N.A.
1075921	Soil	<0.1	<0.02	0.49	4.2	1.6	<0.05	0.8	15.80	49.8	<0.02	1	1.3	2.2	<10	<2	61.2	N.A.	N.A.	N.A.	N.A.
1075922	Soil	<0.1	<0.02	0.26	4.2	0.4	<0.05	0.5	13.00	35.9	<0.02	7	1.3	1.0	<10	2	75.9	N.A.	N.A.	N.A.	N.A.
1075923	Soil	<0.1	<0.02	0.64	9.0	1.2	<0.05	0.6	14.88	54.1	0.03	2	1.5	5.4	<10	<2	61.6	N.A.	N.A.	N.A.	N.A.
1075924	Soil	<0.1	<0.02	0.59	7.0	1.7	<0.05	0.6	6.64	25.2	<0.02	<1	1.2	2.0	<10	<2	42.9	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
		Unit	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm
		MDL	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	0.5	0.5	0.01	0.5
1075817	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075818	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075819	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075820	Soil		188	8.8	3.7	58	1.86	14.3	0.5	2.4	<0.1	35.9	0.71	0.23	0.14	16	0.39	0.095	7.4	6.8	0.06	158.1
1075821	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075822	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075901	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075902	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075903	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075904	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075905	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075906	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075907	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075908	Soil		91	86.8	22.9	6350	1.04	2.3	0.3	1.0	0.1	194.7	0.69	0.33	0.09	11	2.18	0.124	3.1	10.1	0.49	666.7
1075909	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075910 BAL-1	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075911	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075912	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075913	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075914	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075915	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075916	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075917	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075918	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075919	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075920	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075921	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075922	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075923	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075924	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
		Unit	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	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	0.1	0.02	0.02	0.1	0.1	0.05
1075817	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075818	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075819	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075820	Soil		0.004	<20	0.43	0.013	0.02	<0.1	0.5	0.05	0.12	60	0.4	<0.02	0.8	0.11	<0.1	<0.02	0.25	0.9	3.2	<0.05
1075821	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075822	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075901	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075902	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075903	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075904	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075905	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075906	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075907	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075908	Soil		0.007	<20	0.46	0.015	0.02	<0.1	0.9	0.12	0.17	67	0.4	<0.02	0.9	0.66	<0.1	0.05	0.18	1.2	4.0	<0.05
1075909	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075910 BAL-1	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075911	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075912	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075913	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075914	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075915	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075916	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075917	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075918	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075919	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075920	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075921	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075922	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075923	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075924	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
MDL		0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1075817	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075818	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075819	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075820	Soil	0.1	5.81	15.8	0.04	<1	0.3	0.3	<10	<2
1075821	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075822	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075901	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075902	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075903	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075904	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075905	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075906	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075907	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075908	Soil	1.5	3.70	10.0	<0.02	<1	0.4	1.3	<10	<2
1075909	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075910 BAL-1	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075911	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075912	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075913	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075914	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075915	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075916	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075917	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075918	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075919	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075920	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075921	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075922	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075923	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075924	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	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
1075701	Soil	44.00	214.0	6.36	71.73	18.78	46.2	895	19.1	23.5	1936	2.49	7.2	4.5	0.4	0.1	53.5	2.33	0.58	0.22	35
1075702	Soil	37.00	208.0	7.38	115.0	17.63	56.4	1103	28.7	107.6	>10000	2.25	6.3	8.3	1.4	0.2	73.9	4.16	1.05	0.21	24
1075703	Soil	59.00	239.0	3.23	182.0	17.00	48.4	2275	36.7	17.6	2583	1.46	8.2	13.9	1.6	0.2	60.3	2.03	0.79	0.20	26
1075704	Soil	47.00	200.0	2.27	115.1	20.30	53.3	505	32.8	14.3	313	1.93	9.3	4.5	0.3	<0.1	42.2	3.22	0.31	0.19	41
1075705	Soil	39.00	227.0	0.67	32.05	8.89	69.6	103	68.5	23.5	3331	1.51	5.9	2.4	0.9	1.0	341.0	0.93	0.56	0.10	30
1075706	Soil	37.00	276.0	0.85	23.77	2.51	27.5	53	11.2	3.6	472	0.47	1.2	0.5	0.5	0.2	159.2	0.33	0.70	0.04	12
1075707	Soil	38.00	225.0	0.51	14.52	2.50	46.8	92	5.9	3.1	129	0.69	3.2	0.3	0.4	0.3	157.0	1.10	0.41	0.06	18
1075708	Soil	27.00	270.0	1.46	57.09	47.18	99.5	486	15.1	7.2	2157	0.75	4.4	1.3	1.8	0.2	86.0	5.05	0.98	0.06	14
1075709	Soil	35.00	210.0	1.15	56.59	26.50	98.5	397	14.7	5.0	1102	0.70	8.0	0.8	<0.2	<0.1	96.8	4.01	1.08	0.10	14
1075675	Soil	51.00	190.0	2.30	94.40	22.36	90.4	371	21.8	27.0	2400	1.23	7.5	1.9	<0.2	<0.1	89.0	2.97	0.85	0.08	16
1075676	Soil	52.00	232.0	6.54	42.22	61.42	31.9	643	11.2	91.9	5714	3.64	13.9	1.4	0.9	0.2	39.7	1.03	0.57	0.11	62
1075677	Soil	35.00	191.0	7.00	31.73	25.61	26.1	335	9.0	15.2	1460	5.77	56.4	1.1	0.8	0.1	45.4	0.81	0.38	0.10	164
1075678	Soil	36.00	305.0	7.43	58.50	12.24	37.7	389	15.2	60.0	3900	3.41	6.8	1.2	1.1	<0.1	42.3	0.97	0.44	0.11	52
1075679	Soil	48.00	302.0	4.09	28.36	3.23	20.7	291	8.8	2.6	179	4.21	13.2	0.8	1.1	<0.1	39.9	0.56	0.23	0.06	61
1075680	Soil	66.00	281.0	9.44	50.21	7.74	28.9	422	13.1	24.7	1999	6.40	7.6	1.0	<0.2	0.1	37.1	0.74	0.40	0.09	84
1075681	Soil	56.00	253.0	1.46	74.02	5.19	26.6	252	20.3	3.9	79	3.07	11.1	1.0	0.7	<0.1	36.9	0.83	0.24	0.11	31
1075682	Soil	70.00	212.0	2.11	59.35	9.05	25.3	265	16.3	3.1	126	2.33	10.9	0.9	0.9	<0.1	36.3	0.64	0.22	0.09	27
1075683	Soil	42.00	212.0	2.26	42.08	10.62	36.2	290	15.1	8.8	175	1.75	11.3	0.9	2.5	<0.1	34.3	0.48	0.30	0.11	25
1075684	Soil	48.00	206.0	2.76	58.40	26.37	35.7	430	18.0	8.1	189	1.45	19.2	1.1	1.8	<0.1	35.9	0.86	0.28	0.14	19
1075685	Soil	41.00	233.0	2.33	34.34	10.34	18.6	686	15.2	2.6	53	1.63	33.7	1.7	4.1	<0.1	48.7	0.71	0.51	0.11	17
1075686	Soil	42.00	158.0	10.53	16.76	2.59	33.7	87	8.9	6.6	231	6.73	17.1	0.2	0.7	0.2	41.4	0.32	0.19	0.04	145
1075687	Soil	52.00	230.0	2.90	29.35	10.07	44.6	201	14.7	59.9	3358	3.26	6.9	0.8	0.3	0.2	36.8	0.55	0.33	0.09	35
1075688	Soil	43.00	192.0	1.06	25.08	5.95	29.7	162	14.0	5.4	228	1.98	7.7	0.8	1.1	<0.1	54.9	0.35	0.26	0.12	13
1075689	Soil	74.00	230.0	2.70	73.43	15.75	36.0	359	22.3	13.6	691	2.62	11.0	1.5	2.4	0.1	48.3	0.83	0.28	0.18	64
1075690 BAL-1	Soil	N.A.	N.A.	1.32	17.10	24.10	74.4	145	28.5	5.8	285	1.72	4.5	1.3	8.8	1.8	31.4	1.69	0.76	0.29	41
1075691	Soil	65.00	260.0	0.56	42.53	7.09	29.0	244	12.9	3.6	66	1.12	2.8	1.1	3.4	<0.1	40.6	0.59	0.22	0.17	11
1075692	Soil	34.00	128.0	0.88	29.40	9.01	59.1	111	19.8	4.3	569	0.79	2.7	1.2	4.5	0.4	165.6	0.80	0.35	0.22	19
1075693	Soil	52.00	209.0	3.11	24.06	3.20	17.6	148	9.0	5.3	2641	0.63	1.5	4.2	1.9	<0.1	139.2	0.36	0.34	0.10	10
1075694	Soil	65.00	235.0	0.66	28.04	4.02	35.7	60	50.3	8.2	918	1.32	2.6	5.9	1.5	0.4	276.7	0.28	0.41	0.08	27
1075695	Soil	33.00	144.0	3.06	21.62	1.91	28.1	88	19.1	48.0	4567	3.95	5.5	1.2	0.9	0.5	129.0	0.29	0.39	0.07	34

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	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	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
1075701	Soil	0.47	0.152	19.8	15.4	0.14	182.9	0.011	1	0.74	0.010	0.03	0.1	0.9	0.16	0.15	150	0.7	0.04	1.9	1.70
1075702	Soil	0.64	0.193	35.9	18.3	0.12	389.6	0.015	<1	0.90	0.008	0.03	<0.1	1.5	0.71	0.17	177	0.6	<0.02	2.2	1.53
1075703	Soil	0.55	0.137	51.8	33.6	0.14	181.1	0.014	<1	1.35	0.014	0.03	0.1	1.8	0.28	0.12	132	1.0	0.05	2.7	1.36
1075704	Soil	0.34	0.118	20.0	17.9	0.12	203.1	0.007	<1	0.97	0.011	0.03	<0.1	0.5	0.06	0.09	107	0.6	0.03	2.6	1.19
1075705	Soil	2.37	0.105	9.5	34.9	0.88	678.3	0.019	8	0.82	0.022	0.07	0.1	3.3	0.12	0.15	85	0.9	<0.02	2.4	0.91
1075706	Soil	2.63	0.099	2.2	6.2	0.15	806.3	0.020	5	0.42	0.017	0.03	<0.1	1.4	0.05	0.19	81	0.8	0.08	1.1	0.46
1075707	Soil	2.86	0.050	1.8	6.5	0.17	498.2	0.012	2	0.41	0.011	0.05	0.2	1.8	0.04	0.11	83	0.3	<0.02	1.2	1.11
1075708	Soil	1.49	0.088	20.2	7.7	0.15	189.3	0.018	3	0.74	0.013	0.04	<0.1	2.1	0.10	0.15	143	0.8	<0.02	1.4	0.93
1075709	Soil	2.14	0.098	13.8	8.7	0.17	163.6	0.012	4	0.68	0.013	0.03	<0.1	0.8	0.07	0.17	131	0.7	<0.02	1.3	0.83
1075675	Soil	1.50	0.125	17.1	9.3	0.15	233.1	0.010	5	0.80	0.013	0.04	0.1	0.8	0.08	0.16	122	0.8	0.03	2.2	0.53
1075676	Soil	0.38	0.123	14.3	13.9	0.09	206.9	0.015	2	0.76	0.013	0.03	0.1	1.1	0.06	0.11	80	0.7	0.04	2.9	0.42
1075677	Soil	0.49	0.137	14.7	9.4	0.07	147.8	0.017	2	0.62	0.007	0.03	0.2	1.2	<0.02	0.16	150	1.4	<0.02	1.8	0.24
1075678	Soil	0.41	0.166	13.7	14.1	0.07	207.9	0.009	<1	0.56	0.011	0.03	0.1	0.6	0.09	0.13	157	0.8	<0.02	2.8	0.43
1075679	Soil	0.41	0.135	11.1	8.7	0.06	121.2	0.007	1	0.54	0.009	0.02	0.1	0.7	<0.02	0.14	115	0.5	<0.02	1.2	0.24
1075680	Soil	0.33	0.139	12.6	12.3	0.07	153.9	0.010	<1	0.69	0.011	0.02	0.1	0.7	0.02	0.12	105	0.8	<0.02	2.7	0.35
1075681	Soil	0.35	0.142	10.2	12.9	0.07	138.5	0.003	<1	0.66	0.010	0.02	0.1	0.3	0.03	0.14	74	0.4	0.03	1.6	0.26
1075682	Soil	0.35	0.142	9.3	12.1	0.07	120.2	0.003	<1	0.55	0.012	0.02	<0.1	0.3	0.02	0.13	95	0.6	0.03	1.4	0.28
1075683	Soil	0.33	0.101	9.4	13.3	0.15	152.7	0.010	<1	0.71	0.010	0.04	<0.1	0.5	0.04	0.09	82	0.6	<0.02	2.4	0.71
1075684	Soil	0.33	0.111	9.3	12.5	0.09	153.0	0.005	<1	0.58	0.015	0.03	<0.1	0.3	0.03	0.09	103	0.8	<0.02	1.8	0.71
1075685	Soil	0.61	0.158	12.9	11.1	0.10	194.8	0.009	2	0.58	0.008	0.03	<0.1	0.8	0.05	0.20	146	1.1	<0.02	1.2	0.23
1075686	Soil	0.47	0.074	7.4	9.5	0.05	137.4	0.012	<1	0.59	0.003	0.02	0.1	1.0	<0.02	0.14	68	0.8	<0.02	2.0	0.07
1075687	Soil	0.35	0.119	10.9	14.8	0.13	194.0	0.017	1	0.82	0.008	0.04	<0.1	1.3	0.05	0.12	96	0.5	<0.02	2.3	0.59
1075688	Soil	0.57	0.133	12.4	13.9	0.12	181.2	0.012	<1	0.79	0.007	0.02	<0.1	0.9	0.06	0.20	123	0.6	<0.02	1.6	0.36
1075689	Soil	0.41	0.081	13.1	18.4	0.13	180.5	0.015	<1	0.83	0.012	0.04	0.1	0.8	0.04	0.08	53	0.7	0.03	2.9	0.62
1075690 BAL-1	Soil	0.65	0.058	17.6	28.1	0.16	58.1	0.004	2	1.03	0.006	0.06	<0.1	3.5	0.32	0.03	85	1.8	<0.02	3.0	0.91
1075691	Soil	0.33	0.115	7.6	13.1	0.12	121.7	0.003	1	0.56	0.010	0.03	<0.1	0.3	0.05	0.10	67	0.4	<0.02	1.8	0.57
1075692	Soil	1.64	0.095	6.9	15.8	0.41	131.4	0.021	7	0.45	0.009	0.06	<0.1	0.9	0.11	0.18	96	0.4	<0.02	1.5	1.25
1075693	Soil	2.01	0.092	3.0	7.1	0.11	263.3	0.009	3	0.48	0.018	0.03	0.1	0.5	0.06	0.14	78	0.7	<0.02	1.1	0.41
1075694	Soil	1.48	0.096	10.9	31.6	0.47	382.5	0.011	6	0.68	0.010	0.03	<0.1	1.8	0.04	0.12	76	0.7	<0.02	1.9	0.31
1075695	Soil	1.28	0.156	7.3	12.4	0.21	237.2	0.010	6	0.29	0.007	0.02	0.2	1.3	0.04	0.15	86	1.2	<0.02	1.0	0.14

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI	1F	1F	1F	1F
		Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI	Mo	Cu	Pb	Zn
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	ppm	ppm	ppm	ppm
		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	0.01	0.01	0.01	0.1
1075701	Soil		<0.1	<0.02	0.44	4.9	0.7	<0.05	0.2	11.29	37.5	<0.02	<1	1.0	2.6	<10	<2	65.3	N.A.	N.A.	N.A.	N.A.
1075702	Soil		<0.1	<0.02	0.27	5.4	0.7	<0.05	0.2	20.47	101.7	0.02	<1	1.5	2.2	<10	<2	72.7	N.A.	N.A.	N.A.	N.A.
1075703	Soil		<0.1	0.02	0.53	5.4	0.4	<0.05	0.6	27.63	103.7	<0.02	<1	2.2	3.3	<10	<2	52.4	N.A.	N.A.	N.A.	N.A.
1075704	Soil		<0.1	<0.02	0.46	7.4	0.8	<0.05	0.3	11.36	37.8	0.02	<1	1.1	2.3	<10	<2	56.7	N.A.	N.A.	N.A.	N.A.
1075705	Soil		<0.1	0.07	0.59	7.9	0.9	<0.05	2.3	10.24	17.3	<0.02	<1	0.7	7.9	<10	<2	53.2	N.A.	N.A.	N.A.	N.A.
1075706	Soil		<0.1	0.07	0.37	2.2	1.4	<0.05	2.8	3.36	3.7	<0.02	12	0.6	0.7	<10	<2	66.6	N.A.	N.A.	N.A.	N.A.
1075707	Soil		<0.1	0.07	0.26	3.0	0.7	<0.05	2.7	1.81	3.3	<0.02	<1	0.2	1.2	<10	<2	64.5	N.A.	N.A.	N.A.	N.A.
1075708	Soil		<0.1	0.02	0.32	3.1	0.6	<0.05	0.7	19.42	36.7	<0.02	<1	0.8	2.2	11	<2	I.S.	N.A.	N.A.	N.A.	N.A.
1075709	Soil		<0.1	0.02	0.21	2.4	1.0	<0.05	0.9	13.99	21.7	<0.02	<1	0.8	2.1	<10	<2	67.9	N.A.	N.A.	N.A.	N.A.
1075675	Soil		<0.1	0.03	0.22	2.6	1.4	<0.05	0.2	16.08	29.9	<0.02	<1	1.3	1.9	<10	<2	68.7	N.A.	N.A.	N.A.	N.A.
1075676	Soil		<0.1	<0.02	0.28	2.2	0.7	<0.05	0.3	8.07	31.1	<0.02	1	1.0	1.3	<10	<2	52.5	N.A.	N.A.	N.A.	N.A.
1075677	Soil		<0.1	<0.02	0.38	1.3	0.8	<0.05	0.3	7.01	28.2	<0.02	3	0.1	0.6	<10	<2	73.8	N.A.	N.A.	N.A.	N.A.
1075678	Soil		<0.1	<0.02	0.27	2.7	2.3	<0.05	<0.1	6.99	27.4	<0.02	5	0.8	0.7	<10	<2	64.4	N.A.	N.A.	N.A.	N.A.
1075679	Soil		<0.1	0.03	0.31	1.3	0.4	<0.05	0.2	5.02	19.7	<0.02	<1	0.4	0.4	<10	<2	76.7	N.A.	N.A.	N.A.	N.A.
1075680	Soil		<0.1	<0.02	0.39	1.9	0.6	<0.05	0.2	6.12	24.6	<0.02	<1	0.7	0.9	<10	<2	60.0	N.A.	N.A.	N.A.	N.A.
1075681	Soil		<0.1	<0.02	0.40	1.6	0.5	<0.05	<0.1	5.28	19.1	<0.02	<1	0.5	0.9	<10	<2	66.6	N.A.	N.A.	N.A.	N.A.
1075682	Soil		<0.1	<0.02	0.35	1.7	4.4	<0.05	<0.1	4.58	17.2	<0.02	2	0.3	0.6	<10	<2	59.7	N.A.	N.A.	N.A.	N.A.
1075683	Soil		<0.1	<0.02	0.43	4.5	1.0	<0.05	0.2	4.80	17.3	<0.02	<1	0.3	2.9	<10	<2	53.9	N.A.	N.A.	N.A.	N.A.
1075684	Soil		<0.1	<0.02	0.37	3.1	10.6	<0.05	0.1	5.26	17.0	<0.02	<1	0.3	1.5	<10	<2	52.3	N.A.	N.A.	N.A.	N.A.
1075685	Soil		<0.1	<0.02	0.40	1.9	3.4	<0.05	0.5	9.10	23.3	<0.02	<1	0.6	1.2	<10	<2	77.7	N.A.	N.A.	N.A.	N.A.
1075686	Soil		<0.1	<0.02	0.33	0.5	0.3	<0.05	0.9	4.73	15.6	<0.02	2	0.2	0.2	<10	<2	82.6	N.A.	N.A.	N.A.	N.A.
1075687	Soil		<0.1	<0.02	0.39	3.7	0.9	<0.05	0.3	5.99	21.8	<0.02	<1	0.6	2.9	<10	<2	64.6	N.A.	N.A.	N.A.	N.A.
1075688	Soil		<0.1	<0.02	0.36	1.9	1.3	<0.05	0.5	7.48	25.2	<0.02	<1	0.6	1.0	<10	<2	80.2	N.A.	N.A.	N.A.	N.A.
1075689	Soil		<0.1	<0.02	0.45	5.0	0.7	<0.05	0.4	6.70	25.1	<0.02	<1	0.6	2.7	<10	<2	54.4	N.A.	N.A.	N.A.	N.A.
1075690 BAL-1	Soil		<0.1	0.12	0.26	7.4	0.8	<0.05	2.4	19.91	32.7	0.05	<1	0.9	8.2	<10	5	13.0	1.14	15.22	22.35	77.4
1075691	Soil		<0.1	<0.02	0.27	3.7	0.5	<0.05	<0.1	4.55	15.5	<0.02	<1	0.3	1.8	<10	<2	50.3	N.A.	N.A.	N.A.	N.A.
1075692	Soil		<0.1	<0.02	0.49	7.1	2.2	<0.05	1.1	5.09	12.2	0.02	4	0.4	4.4	11	5	67.2	N.A.	N.A.	N.A.	N.A.
1075693	Soil		<0.1	0.02	0.27	2.5	1.5	<0.05	1.4	2.33	6.1	<0.02	<1	0.1	0.7	<10	<2	65.0	N.A.	N.A.	N.A.	N.A.
1075694	Soil		<0.1	0.07	0.35	3.9	1.7	<0.05	2.4	10.73	22.0	0.02	<1	0.9	2.2	<10	3	56.5	N.A.	N.A.	N.A.	N.A.
1075695	Soil		0.1	0.03	0.17	0.9	0.7	<0.05	1.0	9.64	12.1	<0.02	2	0.3	0.4	<10	2	80.5	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
		Unit	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm
		MDL	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	0.5	0.5	0.01	0.5
1075701	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075702	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075703	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075704	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075705	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075706	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075707	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075708	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075709	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075675	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075676	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075677	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075678	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075679	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075680	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075681	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075682	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075683	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075684	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075685	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075686	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075687	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075688	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075689	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075690 BAL-1	Soil		130	28.3	5.6	259	1.66	4.4	1.4	1.1	1.5	28.9	1.73	0.45	0.12	43	0.64	0.054	18.9	28.5	0.16	59.7
1075691	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075692	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075693	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075694	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075695	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
		Unit	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	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	0.1	0.02	0.02	0.1	0.1	0.05
1075701	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075702	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075703	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075704	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075705	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075706	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075707	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075708	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075709	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075675	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075676	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075677	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075678	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075679	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075680	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075681	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075682	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075683	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075684	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075685	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075686	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075687	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075688	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075689	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075690 BAL-1	Soil		0.001	<20	1.23	0.006	0.07	<0.1	3.7	0.34	0.05	87	1.3	0.02	3.3	0.63	<0.1	0.06	0.26	7.0	0.6	<0.05
1075691	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075692	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075693	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075694	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075695	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1075701	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075702	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075703	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075704	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075705	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075706	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075707	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075708	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075709	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075675	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075676	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075677	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075678	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075679	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075680	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075681	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075682	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075683	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075684	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075685	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075686	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075687	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075688	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075689	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075690 BAL-1	Soil	1.9	20.64	35.6	<0.02	<1	0.6	9.8	<10	<2
1075691	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075692	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075693	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075694	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075695	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	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	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
1075696	Soil	42.00	195.0	0.82	37.43	5.21	22.3	98	24.5	5.9	848	0.97	2.2	4.3	4.1	0.6	102.4	0.64	0.61	0.11	14
1075697	Soil	29.00	115.0	0.66	20.76	0.80	23.3	42	13.7	1.0	419	0.25	0.5	0.4	6.1	0.3	126.0	0.21	0.69	0.04	<2
1075698	Soil	48.00	177.0	1.27	30.06	1.60	44.6	97	39.9	4.2	1401	0.46	1.2	0.3	2.1	0.2	177.9	0.48	0.83	0.04	8
1075699	Soil	34.00	151.0	1.06	18.11	1.41	36.3	107	23.3	5.2	1545	0.48	1.2	2.9	3.8	0.5	141.5	0.57	2.88	0.05	7
1075700	Soil	45.00	197.0	0.99	25.64	2.08	45.6	92	34.6	5.9	1744	0.42	1.2	3.9	1.6	0.4	179.7	0.72	1.15	0.05	6
1075851	Soil	65.00	466.0	0.59	44.71	8.13	21.4	111	19.4	10.2	951	1.82	4.9	5.3	4.7	2.0	66.1	0.21	1.75	0.19	47
1075852	Soil	50.00	198.0	1.06	55.76	1.63	65.8	120	38.4	4.0	2382	0.38	1.3	2.7	2.5	1.0	197.4	1.75	1.63	0.04	6
1075853	Soil	48.00	178.0	1.63	49.79	1.86	15.1	153	29.7	15.9	8461	0.80	2.6	2.4	2.4	1.1	161.6	0.45	1.96	0.05	12
1075854	Soil	47.00	204.0	0.55	21.81	3.26	26.7	87	14.1	3.2	280	0.81	2.7	1.3	3.1	2.5	154.7	0.20	1.18	0.07	13
1075855	Soil	89.00	271.0	0.90	16.50	4.64	31.7	83	10.5	5.8	2185	0.87	1.5	0.3	<0.2	0.3	114.0	0.42	0.31	0.29	15

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	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
1075696	Soil	1.10	0.085	32.6	12.7	0.26	177.2	0.010	<1	0.94	0.016	0.06	0.1	0.9	0.06	0.09	99	0.9	<0.02	2.5	1.19
1075697	Soil	1.68	0.075	37.7	7.3	0.27	165.0	0.004	8	0.24	0.009	0.03	<0.1	0.7	0.05	0.17	140	0.9	<0.02	0.4	0.09
1075698	Soil	2.38	0.140	5.8	9.8	0.35	227.3	0.007	7	0.56	0.010	0.02	<0.1	0.6	0.05	0.20	99	0.6	<0.02	1.0	0.26
1075699	Soil	1.64	0.122	16.2	7.3	0.26	309.7	0.008	4	0.48	0.008	0.03	<0.1	0.9	0.06	0.19	186	0.9	<0.02	0.8	0.35
1075700	Soil	2.23	0.129	24.1	8.8	0.37	474.3	0.007	6	0.49	0.010	0.03	0.1	0.7	0.07	0.20	132	0.7	0.03	0.8	0.48
1075851	Soil	0.76	0.105	19.5	29.0	0.26	273.3	0.028	1	0.86	0.014	0.06	0.2	2.9	0.10	0.10	166	1.2	<0.02	3.4	1.32
1075852	Soil	2.49	0.101	45.9	7.9	0.23	433.7	0.007	5	0.42	0.010	0.02	<0.1	1.2	0.07	0.19	135	1.1	<0.02	0.7	0.68
1075853	Soil	2.12	0.116	25.7	8.8	0.18	798.2	0.007	4	0.46	0.010	0.02	<0.1	1.2	0.10	0.20	129	1.2	<0.02	0.9	0.48
1075854	Soil	2.12	0.074	9.3	13.6	0.30	458.8	0.007	4	0.75	0.009	0.11	0.1	2.1	0.09	0.15	136	1.0	<0.02	2.0	2.32
1075855	Soil	1.29	0.100	8.5	9.1	0.26	536.5	0.019	4	0.60	0.015	0.11	<0.1	0.5	0.06	0.08	117	0.4	<0.02	2.3	3.32

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI	1F	1F	1F	1F
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI	Mo	Cu	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	ppm	ppm	ppm	ppm
	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	0.01	0.01	0.01	0.1
1075696	Soil	<0.1	<0.02	0.51	5.7	2.4	<0.05	0.9	23.73	52.2	<0.02	<1	1.4	1.9	<10	<2	50.1	N.A.	N.A.	N.A.	N.A.
1075697	Soil	0.1	<0.02	0.09	0.7	0.3	<0.05	0.8	23.50	34.4	<0.02	5	0.8	0.1	<10	<2	89.4	N.A.	N.A.	N.A.	N.A.
1075698	Soil	0.2	0.09	0.19	1.3	0.8	<0.05	2.2	6.16	10.9	<0.02	<1	1.2	0.8	<10	<2	81.4	N.A.	N.A.	N.A.	N.A.
1075699	Soil	0.4	0.03	0.13	1.8	0.5	<0.05	1.9	16.83	24.7	<0.02	<1	0.2	0.4	<10	<2	85.2	N.A.	N.A.	N.A.	N.A.
1075700	Soil	0.3	0.05	0.17	2.9	1.1	<0.05	2.7	28.22	22.5	<0.02	<1	0.5	0.5	<10	<2	83.6	N.A.	N.A.	N.A.	N.A.
1075851	Soil	<0.1	0.06	0.87	10.2	0.6	<0.05	2.1	16.64	37.5	0.02	<1	0.8	4.6	<10	<2	31.3	N.A.	N.A.	N.A.	N.A.
1075852	Soil	0.1	0.09	0.15	2.9	0.8	<0.05	2.3	51.69	36.5	<0.02	<1	0.8	0.7	<10	<2	82.2	N.A.	N.A.	N.A.	N.A.
1075853	Soil	0.2	0.03	0.21	2.1	0.2	<0.05	2.2	33.55	29.7	<0.02	<1	1.1	0.8	<10	<2	79.6	N.A.	N.A.	N.A.	N.A.
1075854	Soil	<0.1	0.14	0.42	8.8	1.1	<0.05	4.2	14.01	13.1	<0.02	1	0.8	3.9	<10	3	73.2	N.A.	N.A.	N.A.	N.A.
1075855	Soil	<0.1	<0.02	0.56	19.6	1.3	<0.05	0.5	4.64	13.2	<0.02	<1	0.3	3.4	<10	<2	35.7	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
		Unit	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm
		MDL	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	0.5	0.5	0.01	0.5
1075696	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075697	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075698	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075699	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075700	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075851	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075852	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075853	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075854	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075855	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
		Unit	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	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	0.1	0.02	0.02	0.1	0.1	0.05
1075696	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075697	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075698	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075699	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075700	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075851	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075852	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075853	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075854	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075855	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

CERTIFICATE OF ANALYSIS WHI11000920.3

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
	Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
	MDL	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
1075696	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075697	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075698	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075699	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075700	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075851	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075852	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075853	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075854	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1075855	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

	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	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																					
1075951	Soil	43.00	226.0	2.25	46.53	4.17	77.2	157	65.2	25.0	>10000	1.84	7.0	1.2	9.7	0.6	232.8	1.70	0.72	0.14	39
REP 1075951	QC			2.38	47.33	4.03	75.8	152	68.9	26.3	>10000	1.88	7.7	1.2	5.7	0.6	238.2	1.78	0.76	0.12	39
1075955	Soil	62.00	336.0	3.49	81.15	21.16	90.2	753	16.8	182.0	>10000	4.38	6.0	2.6	4.0	0.4	43.0	2.95	0.97	0.15	42
REP 1075955	QC																				
1075972	Soil	56.00	168.0	1.58	86.16	36.78	133.6	746	22.8	10.4	1566	1.14	3.4	1.3	2.2	<0.1	160.6	11.51	0.53	0.24	17
REP 1075972	QC			1.58	97.03	37.54	135.2	811	23.0	11.3	1592	1.15	2.7	1.3	4.5	<0.1	173.0	12.47	0.53	0.23	17
1075973	Soil	23.00	87.00	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.
REP 1075973	QC																				
1075651	Soil	76.00	245.0	1.15	28.79	16.19	43.3	735	14.1	5.6	210	1.45	7.0	1.5	2.6	<0.1	85.2	0.88	0.60	0.15	26
REP 1075651	QC			1.09	27.61	15.13	40.3	700	13.3	5.5	199	1.33	6.8	1.5	1.8	<0.1	80.9	0.84	0.59	0.14	25
1075659	Soil	82.00	257.0	0.73	19.12	3.39	44.6	46	53.0	4.8	257	0.84	1.0	0.5	0.5	0.3	154.2	0.70	0.29	0.05	17
REP 1075659	QC																				
1075670 Agi Dagi B	Soil	N.A.	N.A.	2.63	8.16	24.39	16.8	40	10.7	3.2	63	3.32	57.1	0.7	85.4	4.3	28.3	0.02	0.78	1.83	53
REP 1075670 Agi Dagi B	QC			2.71	8.15	25.40	17.1	25	11.3	3.1	64	3.36	58.1	0.7	95.2	4.5	29.7	0.03	0.80	1.70	53
1075812	Soil	69.00	361.0	0.45	29.19	4.90	62.4	47	108.4	19.4	1604	2.44	3.3	1.7	1.8	1.8	147.9	0.19	0.10	0.06	55
REP 1075812	QC			0.48	33.09	5.30	71.3	55	114.8	21.0	1648	2.56	3.7	1.8	2.2	2.0	160.5	0.24	0.14	0.07	58
1075814	Soil	41.00	239.0	0.95	34.91	6.25	35.3	78	127.7	18.8	2867	1.75	2.7	1.1	1.6	0.5	190.6	0.24	0.16	0.10	36
REP 1075814	QC																				
1075905	Soil	57.00	219.0	1.13	32.41	1.21	43.2	106	93.3	7.8	2979	0.58	1.2	0.3	1.3	0.1	218.1	0.47	0.33	0.03	8
REP 1075905	QC			1.13	32.38	1.31	41.9	109	93.6	7.6	3018	0.60	0.9	0.3	1.9	0.1	208.4	0.35	0.40	0.03	8
1075908	Soil	16.00	287.0	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.
REP 1075908	QC																				
1075920	Soil	66.00	197.0	1.77	196.5	27.36	131.8	1198	45.6	16.4	2758	1.38	6.4	10.4	1.4	<0.1	113.1	6.67	0.75	0.19	27
REP 1075920	QC			1.69	202.2	26.01	121.1	1153	45.6	16.1	2729	1.38	9.1	10.1	0.4	<0.1	110.2	6.19	0.71	0.18	28
1075709	Soil	35.00	210.0	1.15	56.59	26.50	98.5	397	14.7	5.0	1102	0.70	8.0	0.8	<0.2	<0.1	96.8	4.01	1.08	0.10	14
REP 1075709	QC			1.33	59.77	27.61	96.1	374	16.0	4.9	1093	0.70	7.7	0.9	0.9	0.2	93.7	4.41	1.11	0.08	14
1075688	Soil	43.00	192.0	1.06	25.08	5.95	29.7	162	14.0	5.4	228	1.98	7.7	0.8	1.1	<0.1	54.9	0.35	0.26	0.12	13
REP 1075688	QC																				

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

	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	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
Pulp Duplicates																					
1075951	Soil	1.70	0.155	15.5	37.7	0.47	665.8	0.016	6	0.90	0.013	0.05	<0.1	2.2	0.15	0.15	122	1.5	0.09	2.6	1.72
REP 1075951	QC	1.71	0.159	15.2	40.2	0.48	682.7	0.017	6	0.89	0.013	0.05	0.1	2.2	0.20	0.16	78	1.6	0.05	2.4	1.79
1075955	Soil	0.47	0.154	39.7	19.5	0.16	484.3	0.011	2	1.22	0.008	0.03	<0.1	2.4	0.29	0.16	128	1.4	0.16	2.9	1.07
REP 1075955	QC																				
1075972	Soil	1.66	0.105	10.5	21.6	0.23	282.7	0.011	1	0.64	0.013	0.04	<0.1	0.5	0.06	0.15	69	0.9	0.03	2.6	3.80
REP 1075972	QC	1.73	0.114	11.2	22.6	0.23	295.3	0.015	2	0.64	0.012	0.04	0.1	0.7	0.07	0.15	86	1.2	0.14	2.8	4.55
1075973	Soil	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.
REP 1075973	QC																				
1075651	Soil	0.94	0.141	11.5	17.4	0.25	246.1	0.015	3	1.11	0.011	0.06	0.1	0.9	0.11	0.17	112	0.4	0.03	3.3	1.69
REP 1075651	QC	0.91	0.131	10.9	16.2	0.24	234.9	0.014	3	1.07	0.011	0.05	0.1	0.8	0.11	0.17	112	0.2	0.02	3.2	1.60
1075659	Soil	2.40	0.093	3.6	18.5	0.61	277.9	0.010	5	0.62	0.014	0.04	<0.1	1.4	0.06	0.15	71	0.3	0.02	1.5	2.56
REP 1075659	QC																				
1075670 Agi Dagi B	Soil	0.04	0.016	8.2	21.0	0.13	64.1	0.019	2	1.17	0.001	0.07	0.1	2.0	0.09	<0.02	33	2.4	0.36	8.0	0.88
REP 1075670 Agi Dagi B	QC	0.04	0.016	8.4	21.9	0.13	65.6	0.020	2	1.20	0.001	0.07	0.1	2.0	0.13	0.02	52	2.5	0.46	8.3	0.91
1075812	Soil	1.04	0.104	9.9	75.5	1.45	142.2	0.040	5	1.37	0.030	0.06	<0.1	4.9	0.06	0.07	48	0.3	0.03	3.7	0.40
REP 1075812	QC	1.10	0.109	11.0	80.8	1.46	152.8	0.051	6	1.41	0.031	0.07	<0.1	5.3	0.07	0.08	49	0.2	<0.02	4.0	0.80
1075814	Soil	1.32	0.136	9.3	45.0	0.82	135.0	0.029	5	0.89	0.014	0.03	<0.1	2.3	0.06	0.15	72	0.6	<0.02	2.2	0.59
REP 1075814	QC																				
1075905	Soil	2.13	0.126	2.9	9.7	0.49	434.3	0.008	6	0.43	0.008	0.02	<0.1	0.5	0.05	0.20	86	0.7	0.02	0.9	0.12
REP 1075905	QC	2.10	0.126	3.2	9.7	0.48	438.3	0.009	4	0.43	0.008	0.02	<0.1	0.7	0.07	0.20	126	0.5	<0.02	1.0	0.16
1075908	Soil	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.
REP 1075908	QC																				
1075920	Soil	1.16	0.140	41.6	18.2	0.20	262.1	0.004	2	1.15	0.012	0.04	0.1	0.4	0.17	0.14	105	0.4	<0.02	2.4	2.17
REP 1075920	QC	1.20	0.147	39.5	18.9	0.19	254.0	0.007	<1	1.16	0.012	0.05	0.1	0.5	0.22	0.14	115	0.5	<0.02	2.3	2.43
1075709	Soil	2.14	0.098	13.8	8.7	0.17	163.6	0.012	4	0.68	0.013	0.03	<0.1	0.8	0.07	0.17	131	0.7	<0.02	1.3	0.83
REP 1075709	QC	2.18	0.100	13.5	8.7	0.17	153.5	0.017	4	0.68	0.013	0.04	<0.1	1.2	0.09	0.17	117	1.1	<0.02	1.3	0.95
1075688	Soil	0.57	0.133	12.4	13.9	0.12	181.2	0.012	<1	0.79	0.007	0.02	<0.1	0.9	0.06	0.20	123	0.6	<0.02	1.6	0.36
REP 1075688	QC																				

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI	1F	1F	1F	1F
	Analyte	Ge	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	LOI	Mo	Cu	Pb	Zn
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	%	ppm	ppm	ppm	ppm
	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	0.01	0.01	0.01	0.1
Pulp Duplicates																					
1075951	Soil	<0.1	0.11	0.29	5.5	1.3	<0.05	2.5	13.60	46.4	0.04	<1	1.7	4.2	<10	<2	63.7	N.A.	N.A.	N.A.	N.A.
REP 1075951	QC	0.1	0.07	0.33	5.6	1.2	<0.05	2.5	13.99	47.9	<0.02	<1	0.9	3.8	<10	<2					
1075955	Soil	0.1	0.02	0.32	3.7	7.2	<0.05	0.3	22.40	152.2	<0.02	<1	0.9	2.7	<10	<2	63.0	N.A.	N.A.	N.A.	N.A.
REP 1075955	QC																63.5				
1075972	Soil	<0.1	<0.02	0.59	7.7	0.5	<0.05	0.9	8.49	22.1	<0.02	<1	0.9	2.9	<10	<2	68.2	N.A.	N.A.	N.A.	N.A.
REP 1075972	QC	0.1	0.02	0.52	9.9	0.8	<0.05	0.4	9.34	23.2	<0.02	<1	0.7	2.4	<10	<2					
1075973	Soil	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.	76.5	1.81	47.80	56.13	86.1
REP 1075973	QC																	1.92	47.23	51.01	86.2
1075651	Soil	<0.1	<0.02	0.72	9.4	4.6	<0.05	0.8	8.72	26.0	<0.02	<1	0.5	4.1	<10	<2	66.2	N.A.	N.A.	N.A.	N.A.
REP 1075651	QC	<0.1	<0.02	0.69	8.7	3.9	<0.05	0.8	8.24	24.7	<0.02	<1	0.4	3.9	<10	<2					
1075659	Soil	<0.1	0.07	0.42	3.5	1.7	<0.05	3.7	3.69	7.7	<0.02	<1	0.3	1.7	<10	<2	64.9	N.A.	N.A.	N.A.	N.A.
REP 1075659	QC																64.7				
1075670 Agi Dagi B	Soil	<0.1	0.10	0.31	10.3	0.5	<0.05	6.3	2.17	19.3	0.02	<1	0.2	6.3	<10	<2	10.6	N.A.	N.A.	N.A.	N.A.
REP 1075670 Agi Dagi B	QC	<0.1	0.10	0.34	10.8	0.6	<0.05	6.4	2.21	19.8	0.02	<1	0.2	6.3	<10	<2					
1075812	Soil	<0.1	0.19	0.63	8.9	1.5	<0.05	6.0	7.59	21.8	<0.02	<1	0.9	8.6	<10	3	36.0	N.A.	N.A.	N.A.	N.A.
REP 1075812	QC	<0.1	0.15	0.68	12.3	1.9	<0.05	5.8	8.38	24.0	0.02	<1	1.0	9.4	<10	4					
1075814	Soil	<0.1	0.06	0.39	4.6	6.7	<0.05	3.2	9.38	15.8	<0.02	<1	1.3	4.5	<10	3	59.5	N.A.	N.A.	N.A.	N.A.
REP 1075814	QC																59.2				
1075905	Soil	<0.1	0.06	0.16	0.9	0.3	<0.05	2.4	3.41	4.6	<0.02	<1	0.5	0.7	<10	<2	83.4	N.A.	N.A.	N.A.	N.A.
REP 1075905	QC	<0.1	0.06	0.21	1.1	0.4	<0.05	2.4	3.42	4.7	<0.02	<1	0.6	0.6	11	<2					
1075908	Soil	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.	75.6	1.28	33.34	4.76	90.5
REP 1075908	QC																	1.35	34.15	3.31	97.0
1075920	Soil	<0.1	<0.02	0.42	6.7	0.3	<0.05	0.2	23.19	81.4	0.02	1	2.8	2.8	<10	<2	64.9	N.A.	N.A.	N.A.	N.A.
REP 1075920	QC	<0.1	0.03	0.30	8.2	0.3	<0.05	<0.1	22.61	76.6	<0.02	<1	2.7	3.2	<10	<2					
1075709	Soil	<0.1	0.02	0.21	2.4	1.0	<0.05	0.9	13.99	21.7	<0.02	<1	0.8	2.1	<10	<2	67.9	N.A.	N.A.	N.A.	N.A.
REP 1075709	QC	<0.1	<0.02	0.29	2.7	1.0	<0.05	1.0	14.34	22.0	<0.02	<1	0.6	2.3	<10	<2					
1075688	Soil	<0.1	<0.02	0.36	1.9	1.3	<0.05	0.5	7.48	25.2	<0.02	<1	0.6	1.0	<10	<2	80.2	N.A.	N.A.	N.A.	N.A.
REP 1075688	QC																80.1				

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba
	Unit	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm
	MDL	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	0.5	0.5	0.01	0.5
Pulp Duplicates																					
1075951	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075951	QC																				
1075955	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075955	QC																				
1075972	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075972	QC																				
1075973	Soil	439	15.8	7.3	521	1.42	7.3	1.9	1.0	0.3	80.4	3.78	0.84	0.36	24	0.85	0.114	15.2	20.5	0.20	173.3
REP 1075973	QC	461	15.2	7.4	499	1.36	6.7	1.9	1.4	0.2	84.9	3.86	0.88	0.29	22	0.82	0.116	15.8	20.5	0.19	176.9
1075651	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075651	QC																				
1075659	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075659	QC																				
1075670 Agi Dagi B	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075670 Agi Dagi B	QC																				
1075812	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075812	QC																				
1075814	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075814	QC																				
1075905	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075905	QC																				
1075908	Soil	91	86.8	22.9	6350	1.04	2.3	0.3	1.0	0.1	194.7	0.69	0.33	0.09	11	2.18	0.124	3.1	10.1	0.49	666.7
REP 1075908	QC	88	89.6	23.4	6385	1.05	2.3	0.3	1.2	0.1	199.3	0.71	0.33	0.06	11	2.20	0.131	3.4	9.9	0.50	661.3
1075920	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075920	QC																				
1075709	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075709	QC																				
1075688	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075688	QC																				

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge	Hf	Nb	Rb	Sn	Ta
		Unit	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	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	0.1	0.02	0.02	0.1	0.1	0.05
Pulp Duplicates																						
1075951	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075951	QC																					
1075955	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075955	QC																					
1075972	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075972	QC																					
1075973	Soil		0.023	<20	0.77	0.010	0.03	0.1	2.0	0.03	0.16	143	0.8	0.08	1.8	1.83	<0.1	0.02	0.44	4.1	11.2	<0.05
REP 1075973	QC		0.023	<20	0.72	0.010	0.03	<0.1	2.0	0.05	0.16	140	0.8	0.07	1.7	1.78	<0.1	<0.02	0.46	3.8	6.2	<0.05
1075651	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075651	QC																					
1075659	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075659	QC																					
1075670 Agi Dagi B	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075670 Agi Dagi B	QC																					
1075812	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075812	QC																					
1075814	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075814	QC																					
1075905	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075905	QC																					
1075908	Soil		0.007	<20	0.46	0.015	0.02	<0.1	0.9	0.12	0.17	67	0.4	<0.02	0.9	0.66	<0.1	0.05	0.18	1.2	4.0	<0.05
REP 1075908	QC		0.007	<20	0.49	0.015	0.02	<0.1	0.9	0.13	0.18	72	0.4	0.03	1.0	0.67	<0.1	0.05	0.17	1.3	1.4	<0.05
1075920	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075920	QC																					
1075709	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075709	QC																					
1075688	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075688	QC																					

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt
		Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb
		MDL	0.1	0.01	0.1	0.02	1	0.1	0.1	10	2
Pulp Duplicates											
1075951	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075951	QC										
1075955	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075955	QC										
1075972	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075972	QC										
1075973	Soil		1.1	12.29	28.6	<0.02	<1	0.7	3.2	<10	<2
REP 1075973	QC		1.3	12.79	28.7	<0.02	<1	0.7	2.5	<10	<2
1075651	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075651	QC										
1075659	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075659	QC										
1075670 Agi Dagi B	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075670 Agi Dagi B	QC										
1075812	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075812	QC										
1075814	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075814	QC										
1075905	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075905	QC										
1075908	Soil		1.5	3.70	10.0	<0.02	<1	0.4	1.3	<10	<2
REP 1075908	QC		1.5	3.77	10.5	<0.02	<1	0.4	1.4	<10	<2
1075920	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075920	QC										
1075709	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075709	QC										
1075688	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075688	QC										

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

		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
1075694	Soil	65.00	235.0	0.66	28.04	4.02	35.7	60	50.3	8.2	918	1.32	2.6	5.9	1.5	0.4	276.7	0.28	0.41	0.08	27
REP 1075694	QC			0.68	27.58	4.60	33.6	56	48.6	8.4	885	1.31	2.3	5.6	3.4	0.5	264.9	0.28	0.41	0.07	28
1075853	Soil	48.00	178.0	1.63	49.79	1.86	15.1	153	29.7	15.9	8461	0.80	2.6	2.4	2.4	1.1	161.6	0.45	1.96	0.05	12
REP 1075853	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard			12.32	100.1	121.4	300.8	1803	35.9	7.0	584	2.33	24.3	2.4	113.5	6.0	54.9	2.08	4.11	5.47	38
STD DS8	Standard			12.67	107.6	121.6	313.1	1707	36.9	7.5	600	2.45	24.4	2.6	107.3	6.6	63.1	2.28	5.17	6.07	40
STD DS8	Standard			12.80	112.5	122.1	308.8	1650	39.9	7.6	594	2.43	24.2	2.7	105.5	6.7	55.9	2.06	4.59	6.07	40
STD DS8	Standard			12.10	109.9	127.3	314.2	1775	36.2	7.2	593	2.43	25.4	2.8	133.2	6.2	61.2	2.15	5.05	6.46	38
STD DS8	Standard			13.00	108.0	117.1	293.6	1604	37.8	7.3	583	2.33	24.6	2.7	107.9	6.5	59.8	2.09	4.67	6.08	40
STD DS8	Standard																				
STD DS8	Standard																				
STD OREAS45CA	Standard																				
STD OREAS45CA	Standard																				
STD DOLOMITE-2 Expected																					
STD DS8 Expected				13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1
STD OREAS45CA Expected																					
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	<0.1	<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	<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																				
BLK	Blank																				

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

		1F30 Ca % 0.01	1F30 P % 0.001	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 Tl 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
1075694	Soil	1.48	0.096	10.9	31.6	0.47	382.5	0.011	6	0.68	0.010	0.03	<0.1	1.8	0.04	0.12	76	0.7	<0.02	1.9	0.31
REP 1075694	QC	1.38	0.093	10.2	32.1	0.45	345.0	0.016	2	0.68	0.009	0.04	<0.1	2.3	0.04	0.12	54	0.7	<0.02	2.0	0.53
1075853	Soil	2.12	0.116	25.7	8.8	0.18	798.2	0.007	4	0.46	0.010	0.02	<0.1	1.2	0.10	0.20	129	1.2	<0.02	0.9	0.48
REP 1075853	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard	0.66	0.067	13.2	118.4	0.58	219.8	0.089	2	0.86	0.079	0.38	2.5	2.0	5.50	0.14	190	5.0	4.95	4.6	2.39
STD DS8	Standard	0.70	0.077	14.5	115.9	0.60	261.2	0.115	2	0.89	0.086	0.40	3.1	2.1	5.47	0.16	213	5.8	5.01	5.0	2.46
STD DS8	Standard	0.69	0.073	14.6	120.9	0.62	242.8	0.114	2	0.93	0.109	0.42	2.6	2.1	5.28	0.16	196	4.7	4.69	4.4	2.26
STD DS8	Standard	0.66	0.076	12.7	120.8	0.60	241.3	0.109	2	0.86	0.076	0.40	2.9	1.9	5.57	0.15	182	5.3	4.93	4.7	2.44
STD DS8	Standard	0.70	0.074	15.0	113.4	0.60	266.2	0.117	3	0.89	0.085	0.39	2.9	2.1	5.09	0.15	175	4.8	4.47	4.6	2.39
STD DS8	Standard																				
STD DS8	Standard																				
STD OREAS45CA	Standard																				
STD OREAS45CA	Standard																				
STD DOLOMITE-2 Expected																					
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48
STD OREAS45CA 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	<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	<0.5	<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																				
BLK	Blank																				

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

		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 LOI % 0.1	1F Mo ppm 0.01	1F Cu ppm 0.01	1F Pb ppm 0.01	1F Zn ppm 0.1
1075694	Soil	<0.1	0.07	0.35	3.9	1.7	<0.05	2.4	10.73	22.0	0.02	<1	0.9	2.2	<10	3	56.5	N.A.	N.A.	N.A.	N.A.
REP 1075694	QC	<0.1	0.06	0.37	5.3	2.5	<0.05	2.2	9.89	20.6	<0.02	3	0.5	2.6	<10	<2					
1075853	Soil	0.2	0.03	0.21	2.1	0.2	<0.05	2.2	33.55	29.7	<0.02	<1	1.1	0.8	<10	<2	79.6	N.A.	N.A.	N.A.	N.A.
REP 1075853	QC																79.5				
Reference Materials																					
STD DOLOMITE-2	Standard																45.7				
STD DOLOMITE-2	Standard																45.6				
STD DOLOMITE-2	Standard																45.7				
STD DOLOMITE-2	Standard																46.0				
STD DOLOMITE-2	Standard																45.8				
STD DS8	Standard	<0.1	0.05	1.24	38.4	6.1	<0.05	1.3	5.25	28.3	2.17	41	5.2	23.7	110	333					
STD DS8	Standard	0.2	0.09	1.34	38.6	6.1	<0.05	2.2	5.95	28.8	2.21	42	4.4	23.3	105	338					
STD DS8	Standard	<0.1	0.11	1.23	36.0	6.1	<0.05	1.8	5.09	24.7	2.01	52	5.4	25.9	102	318					
STD DS8	Standard	0.1	0.09	1.16	40.0	6.2	<0.05	1.9	5.34	24.8	2.24	67	4.5	27.1	109	346					
STD DS8	Standard	0.1	0.09	1.37	35.6	6.0	<0.05	2.1	5.86	27.4	1.99	41	5.1	25.0	110	317					
STD DS8	Standard																	13.00	104.1	121.4	306.6
STD DS8	Standard																	13.14	105.9	118.6	300.3
STD OREAS45CA	Standard																	0.95	474.7	19.68	59.7
STD OREAS45CA	Standard																	0.70	524.2	21.64	67.5
STD DOLOMITE-2 Expected																	46				
STD DS8 Expected		0.13	0.08	1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339		13.44	110	123	312
STD OREAS45CA Expected																		1	494	20	60
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					
BLK	Blank																	<0.01	<0.01	<0.01	<0.1
BLK	Blank																	<0.01	<0.01	<0.01	<0.1

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

		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	1F Ca % 0.01	1F P % 0.001	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5
1075694	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075694	QC																				
1075853	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075853	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard																				
STD DS8	Standard																				
STD DS8	Standard																				
STD DS8	Standard																				
STD DS8	Standard																				
STD DS8	Standard	1771	35.8	7.0	578	2.34	24.2	2.6	126.7	6.1	62.4	2.27	5.42	6.03	38	0.66	0.078	14.6	116.1	0.58	294.2
STD DS8	Standard	1764	37.2	7.0	607	2.47	24.5	3.2	102.7	6.2	69.0	2.35	3.62	6.61	42	0.71	0.080	15.7	120.2	0.60	294.5
STD OREAS45CA	Standard	254	241.3	81.3	890	14.86	3.6	1.2	45.2	6.8	14.3	0.08	0.21	0.15	208	0.40	0.038	16.1	719.4	0.14	156.2
STD OREAS45CA	Standard	305	255.8	94.9	936	16.56	4.0	1.3	45.0	7.2	17.4	0.12	0.06	0.20	214	0.42	0.039	18.6	768.1	0.15	175.6
STD DOLOMITE-2 Expected																					
STD DS8 Expected		1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	0.08	14.6	115	0.6045	279
STD OREAS45CA Expected		275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215	0.4265	0.0385	15.9	709	0.1358	164
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<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	<0.5	<0.5	<0.01	<0.5
BLK	Blank	<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	<0.5	<0.5	<0.01	<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.

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

		1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Tl ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	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
1075694	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075694	QC																				
1075853	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075853	QC																				
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard																				
STD DS8	Standard																				
STD DS8	Standard																				
STD DS8	Standard																				
STD DS8	Standard																				
STD DS8	Standard	0.098	<20	0.86	0.080	0.39	2.8	2.3	5.66	0.15	196	5.3	5.16	4.6	2.51	<0.1	0.04	0.84	37.7	6.4	<0.05
STD DS8	Standard	0.120	<20	0.92	0.090	0.41	2.5	2.3	5.37	0.16	185	5.0	4.64	4.7	2.45	<0.1	0.06	0.90	37.9	6.9	<0.05
STD OREAS45CA	Standard	0.107	<20	3.49	0.005	0.07	<0.1	42.7	0.12	<0.02	21	0.5	0.07	18.1	1.14	<0.1	0.38	0.13	8.2	1.8	<0.05
STD OREAS45CA	Standard	0.157	<20	3.83	0.016	0.07	<0.1	45.3	0.09	0.03	42	0.7	0.05	19.7	1.28	0.1	0.54	0.18	9.3	1.9	<0.05
STD DOLOMITE-2 Expected																					
STD DS8 Expected		0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13	0.08	1.1	39	6.7	0.003
STD OREAS45CA Expected		0.128		3.592	0.0075	0.0717		39.7	0.07	0.021	30	0.5	0.06	18.4	1.03	0.11	0.5	0.22	8.2	1.8	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<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	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05
BLK	Blank	<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	<0.1	<0.02	<0.02	<0.1	<0.1	<0.05

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: January 25, 2012

QUALITY CONTROL REPORT WHI11000920.3

		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
1075694	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075694	QC									
1075853	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
REP 1075853	QC									
Reference Materials										
STD DOLOMITE-2	Standard									
STD DOLOMITE-2	Standard									
STD DOLOMITE-2	Standard									
STD DOLOMITE-2	Standard									
STD DOLOMITE-2	Standard									
STD DS8	Standard									
STD DS8	Standard									
STD DS8	Standard									
STD DS8	Standard									
STD DS8	Standard									
STD DS8	Standard	1.4	5.77	28.4	2.20	59	4.8	28.5	116	358
STD DS8	Standard	1.5	5.96	26.6	2.24	62	5.6	27.1	100	348
STD OREAS45CA	Standard	17.0	8.33	38.3	0.10	<1	0.6	7.5	38	61
STD OREAS45CA	Standard	20.6	9.28	37.8	0.09	<1	0.5	7.7	43	69
STD DOLOMITE-2 Expected										
STD DS8 Expected		2.1	6.1	29.8	2.19	55	5.2	26.34	110	339
STD OREAS45CA Expected		21.6	7.84	35	0.09			6.2	36	61
BLK	Blank									
BLK	Blank									
BLK	Blank									
BLK	Blank									
BLK	Blank									
BLK	Blank	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<2
BLK	Blank	<0.1	<0.01	<0.1	<0.02	<1	<0.1	<0.1	<10	<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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Andrea Langerud
Receiving Lab: Canada-Whitehorse
Received: July 29, 2011
Report Date: August 26, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000921.1

CLIENT JOB INFORMATION

Project: 210700
Shipment ID: YTG_011
P.O. Number
Number of Samples: 69

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	65	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	65	Dry at 60C			WHI
RJSV	65	Saving all or part of Soil Reject			WHI
1F06	69	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN
2A05	69	Loss on Ignition at 1000 C		Completed	VAN

ADDITIONAL COMMENTS

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

CC: Randy Farmer
Rupa Mukherjee

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

CERTIFICATE OF ANALYSIS WHI11000921.1

Method		WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	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
1075710 GS-1	Soil	N.A.	N.A.	N.A.	0.68	21.25	9.74	56.5	40	27.7	11.9	452	2.90	4.9	1.6	5.1	8.1	95.3	0.08	0.22	0.25
1075711	Soil		62.00	1448	0.58	25.97	14.30	69.3	133	18.5	9.8	282	2.90	8.5	0.4	2.7	2.8	57.9	0.13	0.62	0.18
1075712	Soil		64.00	1099	0.57	26.84	12.73	87.3	185	13.4	10.7	458	2.90	5.7	0.5	2.3	1.5	82.3	0.21	0.66	0.14
1075713	Soil		102.0	1307	0.49	16.16	18.04	108.3	105	9.0	8.1	650	2.50	5.9	0.3	1.5	1.2	104.7	0.25	0.56	0.11
1075714	Soil		131.0	1408	0.60	14.14	31.24	97.3	63	15.1	9.6	505	2.84	7.2	0.5	2.4	3.2	82.3	0.15	0.65	0.20
1075715	Soil		384.0	817.0	0.46	19.09	5.54	31.6	129	7.1	5.3	491	1.20	2.5	0.4	1.1	0.4	53.1	0.07	0.24	0.10
1075716	Soil		144.0	1424	0.79	34.63	17.49	56.6	74	14.7	9.4	388	2.88	7.7	0.4	1.7	1.6	99.6	0.11	0.52	0.16
1075717	Soil		299.0	697.0	0.46	37.94	9.41	46.7	354	10.9	6.8	343	1.60	4.3	0.5	4.1	0.7	99.0	0.12	0.48	0.41
1075718	Soil		337.0	1551	0.58	38.04	13.27	64.8	98	25.0	13.6	655	3.83	9.0	1.3	1.8	2.4	88.4	0.24	0.82	0.28
1075719	Soil		193.0	448.0	1.39	63.82	16.47	33.0	284	18.8	14.0	971	1.59	4.8	1.7	2.5	1.5	83.9	0.24	0.50	0.12
1075720	Soil		276.0	1738	1.30	64.23	31.40	61.5	185	25.3	18.1	981	2.69	8.1	1.9	3.2	4.9	101.2	0.29	0.75	0.20
1075721	Soil		114.0	1283	0.97	46.13	12.04	42.6	142	24.5	9.3	262	2.22	6.1	0.8	1.3	2.6	78.3	0.10	0.48	0.14
1075722	Soil		247.0	716.0	0.92	48.49	8.18	34.4	241	20.2	6.8	202	1.47	4.9	0.9	2.8	1.1	80.8	0.09	0.42	0.12
1075723	Soil		137.0	1246	1.07	43.28	49.36	79.7	119	23.8	7.8	265	1.92	4.2	0.6	1.5	1.7	41.6	0.34	0.29	0.14
1075724	Soil		113.0	1206	1.90	45.60	13.63	107.3	427	46.6	12.7	502	2.77	16.2	2.1	1.8	2.5	46.2	0.52	1.58	0.30
1075725	Soil		201.0	1549	1.20	22.48	16.05	60.2	185	21.2	9.0	299	2.64	20.2	1.9	10.1	9.7	42.2	0.15	1.01	0.45
1075726	Soil		240.0	822.0	1.12	22.99	13.06	80.7	184	24.4	12.4	463	2.91	48.6	1.2	4.8	5.7	56.3	0.25	1.49	0.23
1075727	Soil		172.0	1145	2.57	79.60	14.14	91.9	441	52.6	18.3	721	3.64	39.8	4.2	4.5	5.7	45.8	0.43	2.68	0.25
1075728	Soil		63.00	944.0	2.64	101.5	29.78	132.1	1489	76.9	16.3	556	3.89	121.8	6.8	24.5	5.3	62.8	0.77	1.74	0.25
1075729	Soil		177.0	1332	2.48	27.30	14.72	93.6	166	32.9	10.5	240	3.20	15.9	0.8	3.3	3.5	20.5	0.25	0.60	0.19
1075730 GS-1	Soil	N.A.	N.A.	N.A.	0.64	20.29	9.46	53.8	36	25.8	11.5	447	2.83	4.6	1.5	<0.2	7.7	90.3	0.04	0.17	0.20
1075731	Soil		191.0	1227	1.57	24.81	10.92	82.3	81	59.9	15.9	304	3.91	10.6	0.6	2.2	4.5	19.9	0.15	0.38	0.14
1076432	Soil		366.0	1057	0.73	18.70	23.76	75.2	84	24.1	9.6	388	2.56	11.6	0.5	2.2	2.0	16.5	0.21	0.49	0.12
1076433	Soil		301.0	1450	1.10	21.62	43.26	85.1	89	27.4	10.3	470	2.95	12.5	0.6	2.2	1.6	14.2	0.41	0.52	0.15
1076434	Soil		288.0	1182	1.85	20.45	20.40	70.5	83	17.6	8.2	659	3.40	11.5	0.6	1.6	1.0	13.6	0.21	0.82	0.21
1076435	Soil		280.0	1278	1.12	21.25	28.11	99.4	74	22.3	9.8	585	2.97	10.5	0.5	3.4	1.1	18.0	0.21	0.60	0.16
1076436	Soil		144.0	1078	1.90	20.46	14.86	63.4	89	18.3	7.9	520	3.22	9.0	0.6	4.9	0.5	21.1	0.15	0.83	0.21
1076437	Soil		498.0	1400	0.69	22.08	18.08	62.7	106	27.3	11.9	537	2.89	10.5	0.6	1.2	2.7	15.1	0.17	0.52	0.16
1076438	Soil		489.0	1386	0.66	21.03	40.96	88.6	159	27.3	10.8	539	2.79	10.5	0.5	2.7	2.3	21.0	0.48	0.48	0.13
1076439	Soil		451.0	1258	0.69	19.57	12.90	64.1	57	22.8	9.3	401	2.82	8.7	0.6	3.4	2.0	68.6	0.09	0.52	0.13

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

CERTIFICATE OF ANALYSIS WHI11000921.1

		Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
		Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
		MDL	2	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
1075710 GS-1	Soil		15	4.17	0.046	19.8	22.1	1.11	78.5	0.034	2	1.25	0.021	0.22	0.2	2.1	0.12	0.03	11	0.3	<0.02	3.5
1075711	Soil		64	0.45	0.043	7.6	32.2	0.66	101.0	0.071	<1	2.07	0.011	0.10	0.2	3.9	0.07	<0.02	25	0.3	<0.02	5.6
1075712	Soil		57	0.62	0.078	6.1	23.0	0.70	86.7	0.068	<1	2.27	0.014	0.05	0.4	3.1	0.05	<0.02	21	0.5	0.03	7.0
1075713	Soil		48	0.59	0.024	4.4	14.8	0.64	68.4	0.038	1	1.90	0.014	0.05	0.2	2.1	0.10	<0.02	12	0.5	<0.02	5.6
1075714	Soil		68	0.47	0.025	10.2	27.5	0.67	152.1	0.045	2	2.12	0.010	0.08	0.3	3.2	0.16	<0.02	18	0.3	0.03	6.5
1075715	Soil		31	0.49	0.045	3.8	11.1	0.25	90.8	0.034	<1	0.96	0.035	0.04	0.1	1.5	0.06	<0.02	20	0.4	<0.02	3.9
1075716	Soil		70	0.65	0.062	7.6	24.0	0.62	103.8	0.056	<1	2.49	0.018	0.06	0.1	3.7	0.07	<0.02	20	0.5	0.04	7.3
1075717	Soil		38	0.78	0.061	6.8	19.8	0.39	108.1	0.029	2	1.61	0.032	0.06	0.2	2.4	0.07	0.04	36	0.4	<0.02	5.3
1075718	Soil		85	0.86	0.135	8.9	44.7	0.86	77.6	0.078	1	1.88	0.020	0.05	0.3	3.7	0.05	0.02	32	0.5	<0.02	7.3
1075719	Soil		41	0.78	0.078	12.0	30.8	0.41	119.4	0.039	<1	1.47	0.030	0.05	0.3	2.1	0.07	0.04	48	0.8	<0.02	4.8
1075720	Soil		75	0.85	0.091	15.5	54.5	0.79	113.4	0.076	<1	1.77	0.019	0.06	0.3	3.8	0.05	0.03	38	0.3	0.05	6.2
1075721	Soil		61	0.67	0.059	9.5	46.7	0.72	96.3	0.103	<1	1.62	0.024	0.07	0.2	2.5	0.07	<0.02	18	0.5	0.03	6.0
1075722	Soil		35	0.74	0.057	9.1	31.1	0.50	113.4	0.049	<1	1.41	0.027	0.05	0.2	1.9	0.07	0.04	57	0.4	0.04	5.0
1075723	Soil		47	0.37	0.042	8.0	45.5	0.60	106.8	0.066	<1	1.55	0.019	0.08	0.2	2.5	0.05	<0.02	30	<0.1	0.03	6.5
1075724	Soil		66	1.24	0.082	14.7	66.0	0.79	719.5	0.056	2	1.51	0.011	0.25	0.1	5.9	0.22	0.05	71	1.2	0.04	5.3
1075725	Soil		46	0.95	0.058	22.3	32.3	0.64	300.1	0.045	<1	1.43	0.009	0.22	0.2	4.4	0.23	0.05	64	0.5	<0.02	4.8
1075726	Soil		53	1.40	0.044	17.3	35.2	0.65	496.3	0.070	<1	1.50	0.016	0.17	0.2	4.4	0.20	0.05	66	1.1	<0.02	4.6
1075727	Soil		69	1.14	0.033	28.9	39.2	0.62	586.2	0.063	3	1.75	0.008	0.27	0.2	5.4	0.27	0.04	116	1.8	0.11	5.5
1075728	Soil		75	1.34	0.064	44.2	88.3	0.94	901.5	0.063	2	2.44	0.013	0.23	0.2	10.7	0.38	0.05	161	2.7	0.06	6.4
1075729	Soil		73	0.16	0.024	12.6	45.3	0.65	304.3	0.083	2	1.76	0.009	0.18	0.2	2.7	0.16	0.02	17	0.6	0.12	5.6
1075730 GS-1	Soil		15	4.09	0.041	18.7	21.1	1.08	74.0	0.032	<1	1.24	0.020	0.22	<0.1	2.0	0.11	0.03	26	0.3	<0.02	3.4
1075731	Soil		78	0.30	0.028	10.0	86.4	1.29	342.4	0.163	<1	2.62	0.006	0.39	0.2	3.5	0.25	<0.02	13	0.3	0.10	8.5
1076432	Soil		51	0.16	0.033	9.5	31.5	0.52	85.7	0.081	<1	1.92	0.008	0.07	0.2	2.7	0.09	0.03	76	0.3	0.07	4.9
1076433	Soil		58	0.14	0.042	8.5	34.1	0.54	84.2	0.088	1	2.40	0.006	0.07	0.1	2.7	0.10	0.03	79	0.4	0.06	6.3
1076434	Soil		74	0.11	0.033	8.5	30.9	0.34	110.1	0.070	<1	1.88	0.004	0.06	0.1	2.1	0.14	0.03	52	0.2	0.06	8.2
1076435	Soil		61	0.15	0.048	7.9	33.9	0.56	86.7	0.067	1	1.97	0.008	0.06	0.2	2.5	0.11	0.04	64	0.3	0.06	6.6
1076436	Soil		75	0.15	0.058	7.0	30.5	0.35	108.9	0.071	<1	1.51	0.008	0.06	0.1	1.9	0.12	0.05	79	0.1	0.03	8.2
1076437	Soil		57	0.14	0.034	11.3	36.3	0.65	110.0	0.102	<1	2.20	0.009	0.10	0.2	3.6	0.11	0.02	28	0.2	0.06	5.7
1076438	Soil		57	0.15	0.030	9.5	36.2	0.66	93.9	0.083	<1	2.29	0.007	0.08	0.1	3.2	0.09	<0.02	34	0.2	0.05	6.1
1076439	Soil		57	0.18	0.031	10.3	33.5	0.59	204.9	0.079	<1	2.08	0.007	0.07	0.1	3.0	0.09	<0.02	72	0.5	0.03	6.3

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

CERTIFICATE OF ANALYSIS WHI11000921.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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
1075710 GS-1	Soil	1.10	<0.1	<0.02	0.68	15.9	0.8	<0.05	1.1	8.00	41.3	0.03	<1	0.3	26.2	<10	<2	8.7
1075711	Soil	3.17	<0.1	0.11	0.70	8.6	1.4	<0.05	3.9	3.45	19.2	0.04	<1	0.3	14.5	<10	<2	6.9
1075712	Soil	13.60	<0.1	0.06	0.92	6.6	3.7	<0.05	2.5	3.48	14.7	<0.02	<1	1.0	14.9	<10	<2	10.3
1075713	Soil	3.94	<0.1	0.04	0.46	8.0	3.8	<0.05	1.7	2.70	10.2	<0.02	<1	0.3	18.9	<10	<2	6.4
1075714	Soil	2.02	<0.1	0.07	0.64	9.2	3.0	<0.05	3.1	3.91	22.5	<0.02	<1	0.8	19.7	<10	<2	6.6
1075715	Soil	1.67	<0.1	<0.02	0.50	5.0	0.8	<0.05	0.8	2.51	8.1	<0.02	<1	0.3	5.6	<10	<2	10.7
1075716	Soil	2.57	<0.1	0.02	0.89	7.1	3.3	<0.05	1.5	3.96	16.2	<0.02	<1	0.4	16.1	<10	<2	9.1
1075717	Soil	1.96	<0.1	0.03	0.70	7.5	0.6	<0.05	1.6	4.67	13.6	<0.02	<1	0.7	11.3	<10	<2	16.8
1075718	Soil	4.46	<0.1	0.07	1.23	7.8	1.7	<0.05	4.1	5.63	18.7	<0.02	<1	0.6	17.7	<10	<2	12.3
1075719	Soil	3.41	<0.1	0.06	0.88	6.7	0.8	<0.05	3.6	6.78	26.3	<0.02	<1	1.3	10.6	<10	<2	17.3
1075720	Soil	5.98	<0.1	0.07	1.29	11.8	1.4	<0.05	4.3	7.01	33.3	0.03	<1	1.0	18.4	<10	<2	15.1
1075721	Soil	5.87	<0.1	0.07	1.81	13.6	2.4	<0.05	4.0	4.09	19.9	<0.02	<1	1.4	15.5	<10	<2	12.2
1075722	Soil	4.45	<0.1	0.04	1.25	10.4	0.8	<0.05	3.0	4.74	18.5	0.03	5	0.4	12.8	<10	2	19.4
1075723	Soil	3.70	<0.1	0.03	1.09	12.2	2.4	<0.05	2.8	3.42	16.2	0.03	3	0.4	15.7	<10	<2	9.8
1075724	Soil	2.23	<0.1	0.04	1.19	26.0	4.1	<0.05	3.4	11.56	30.8	0.02	2	0.4	8.4	<10	<2	24.0
1075725	Soil	3.14	<0.1	0.10	0.90	26.1	5.0	<0.05	3.8	13.05	41.8	<0.02	2	0.8	9.9	<10	<2	16.1
1075726	Soil	2.13	<0.1	0.13	1.40	18.8	1.0	<0.05	5.5	9.58	38.5	0.04	<1	0.5	9.5	<10	<2	21.9
1075727	Soil	2.92	<0.1	0.07	1.18	23.8	1.4	<0.05	3.6	23.50	44.8	0.03	1	0.8	13.1	<10	<2	20.8
1075728	Soil	4.43	<0.1	0.14	1.25	29.5	2.2	<0.05	6.5	55.82	51.1	0.04	2	1.3	16.3	10	<2	23.5
1075729	Soil	1.54	<0.1	0.05	0.86	19.8	4.2	<0.05	1.8	3.95	24.2	<0.02	<1	0.4	12.4	<10	<2	7.5
1075730 GS-1	Soil	1.04	<0.1	<0.02	0.64	15.0	0.7	<0.05	1.0	7.57	39.9	<0.02	1	0.3	27.8	<10	<2	8.5
1075731	Soil	2.27	<0.1	0.06	1.22	44.2	1.9	<0.05	2.7	3.89	25.3	<0.02	3	0.6	19.1	<10	<2	7.8
1076432	Soil	4.54	<0.1	0.04	1.26	8.2	1.7	<0.05	1.9	3.72	23.1	<0.02	2	0.7	12.1	<10	<2	10.6
1076433	Soil	1.98	<0.1	0.04	1.23	10.1	1.5	<0.05	1.7	3.77	24.0	0.03	3	0.6	14.1	<10	<2	12.9
1076434	Soil	2.77	<0.1	0.03	1.10	14.6	1.3	<0.05	0.9	3.12	18.3	0.03	<1	0.6	10.9	<10	<2	11.7
1076435	Soil	1.88	<0.1	<0.02	1.01	10.4	1.1	<0.05	1.2	3.77	19.5	0.03	2	0.4	12.0	<10	<2	13.4
1076436	Soil	2.05	<0.1	<0.02	1.09	13.6	2.1	<0.05	1.0	2.61	15.3	<0.02	1	0.3	8.9	<10	<2	16.6
1076437	Soil	1.95	<0.1	0.04	1.13	11.0	0.8	<0.05	2.3	4.56	32.1	0.04	<1	0.8	15.4	<10	<2	8.5
1076438	Soil	3.68	<0.1	0.02	0.97	9.7	1.0	<0.05	1.5	4.80	29.1	0.04	2	0.9	12.7	<10	<2	8.1
1076439	Soil	5.54	<0.1	0.03	1.07	8.4	1.0	<0.05	1.4	4.61	27.0	0.03	2	1.2	13.3	<10	<2	8.8

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

CERTIFICATE OF ANALYSIS WHI11000921.1

Method		WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
Unit		kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
MDL		0.01	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
1076440	Soil		414.0	1372	0.71	23.13	40.17	77.2	97	21.9	10.4	509	2.67	13.4	0.6	4.1	2.0	61.0	0.21	0.79	0.12
1076441	Soil		110.0	1539	0.75	165.5	12.33	61.6	202	27.4	16.1	1100	4.18	9.6	0.7	3.0	1.5	26.3	0.19	0.91	0.10
1076442	Soil		207.0	1105	1.10	34.61	11.70	59.7	56	21.6	10.5	420	3.48	9.6	0.6	2.3	1.2	21.4	0.13	0.53	0.18
1076443	Soil		203.0	1100	0.74	16.48	14.03	63.5	36	19.5	9.6	438	3.44	8.8	0.5	3.4	0.9	17.7	0.13	0.46	0.14
1076444	Soil		152.0	752.0	0.95	18.81	10.87	54.6	98	21.1	9.0	333	3.32	9.2	0.6	3.2	1.0	18.0	0.14	0.51	0.16
1076445	Soil		309.0	1056	0.62	17.49	9.53	66.5	24	25.9	13.2	630	3.30	7.8	0.6	4.9	3.4	22.8	0.10	0.66	0.12
1076446	Soil		245.0	988.0	0.63	21.74	14.72	59.8	54	23.1	11.8	506	2.83	7.9	0.5	2.1	2.1	15.9	0.13	0.53	0.13
1076447	Soil		253.0	1229	0.83	17.00	10.15	67.4	64	20.4	12.2	603	3.55	8.0	0.7	3.1	2.0	15.6	0.09	0.75	0.14
1076448	Soil		225.0	1153	0.53	10.72	10.88	64.7	65	14.4	12.0	722	3.60	6.2	0.5	1.3	3.0	15.6	0.07	0.70	0.13
1076449	Soil		254.0	1249	1.41	14.65	13.99	45.7	91	17.3	8.2	249	3.22	11.6	0.7	0.7	1.9	8.3	0.19	0.49	0.21
1076450 Agi Dagi B	Soil	N.A.	N.A.	N.A.	3.12	9.27	20.46	15.3	14	10.4	3.4	80	3.51	64.0	0.7	142.9	3.9	24.2	0.03	0.84	1.61
1076351	Soil		221.0	839.0	1.06	14.59	21.22	53.2	98	20.5	9.7	292	3.45	12.4	0.5	<0.2	2.3	12.2	0.16	0.50	0.16
1076352	Soil		253.0	1171	0.93	16.29	45.78	66.4	116	24.1	12.4	389	3.18	9.9	0.5	1.6	1.7	15.6	0.30	0.63	0.14
1076353	Soil		194.0	1292	1.41	17.71	23.17	50.9	110	14.0	7.8	373	3.83	10.4	0.4	2.1	1.9	14.0	0.22	0.69	0.19
1076354	Soil		109.0	1487	0.81	48.26	40.33	98.9	167	18.8	13.6	739	3.08	8.4	0.5	1.5	2.3	31.8	0.26	1.10	0.14
1076355	Soil		173.0	1274	1.95	60.60	35.08	53.4	470	21.3	12.7	457	3.72	11.7	1.4	2.9	3.1	15.4	0.26	0.55	0.20
1076356	Soil		474.0	1375	0.56	34.69	29.92	80.1	255	22.4	15.0	592	3.12	11.2	0.5	1.8	2.8	22.4	0.28	0.84	0.10
1076357	Soil		335.0	1216	1.20	30.87	27.62	92.9	1411	20.4	11.3	427	4.43	23.9	0.4	1.7	1.9	18.2	0.39	0.89	0.16
1076358	Soil		315.0	1069	1.03	39.31	11.87	65.3	760	33.7	17.3	316	3.76	15.2	0.4	2.5	2.5	13.4	0.26	0.54	0.16
1076359	Soil		171.0	1377	1.19	27.33	50.54	90.6	752	22.5	11.8	320	4.51	41.7	0.4	1.3	1.7	24.9	0.40	0.62	0.16
1076360	Soil		249.0	810.0	1.05	21.03	16.49	64.1	585	19.7	8.9	268	3.37	16.4	0.3	3.7	1.9	35.0	0.29	0.59	0.17
1076361	Soil		135.0	800.0	1.30	16.73	18.81	85.5	521	20.1	12.8	723	2.96	23.7	0.4	1.8	1.5	22.8	0.81	0.38	0.18
1076362	Soil		119.0	677.0	1.57	15.19	25.99	73.8	442	18.2	8.7	320	3.13	29.2	0.3	1.0	1.3	19.0	0.78	0.47	0.19
1076363	Soil		132.0	1177	1.31	15.85	53.63	106.4	424	18.6	8.8	237	2.92	18.1	0.4	1.5	1.9	19.9	0.43	0.37	0.29
1076364	Soil		196.0	1189	0.96	35.81	42.02	139.8	556	28.5	12.0	744	2.88	39.3	1.7	1.9	2.1	45.4	0.69	1.10	0.16
1076365	Soil		199.0	985.0	2.42	18.31	18.20	78.8	262	13.3	9.7	285	3.24	29.5	0.3	0.6	1.0	26.9	0.37	0.70	0.18
1076366	Soil		477.0	1258	1.02	20.12	24.53	65.7	104	24.8	12.8	456	3.00	11.0	0.5	2.1	1.6	23.0	0.22	0.56	0.15
1076367	Soil		239.0	1248	1.13	20.79	41.45	113.8	63	17.0	7.8	399	2.86	12.7	0.6	1.9	0.6	88.9	0.27	0.66	0.16
1076368	Soil		236.0	1122	1.31	17.29	133.3	101.6	94	16.3	7.3	363	2.79	16.9	0.5	1.0	1.1	52.4	0.28	0.75	0.17
1076369	Soil		243.0	1211	1.16	19.14	80.15	124.7	205	17.6	8.2	456	2.94	24.1	0.7	2.7	0.6	24.9	0.28	1.17	0.17

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

CERTIFICATE OF ANALYSIS WHI11000921.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	2	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
1076440	Soil	53	0.12	0.029	9.6	29.9	0.57	140.2	0.069	<1	2.10	0.007	0.07	0.1	2.9	0.09	<0.02	31	0.2	0.08	6.2
1076441	Soil	101	0.21	0.059	7.4	41.6	1.22	217.4	0.015	<1	3.15	0.004	0.08	0.1	6.2	0.09	0.04	83	0.2	0.04	7.4
1076442	Soil	80	0.18	0.050	9.2	37.7	0.64	114.3	0.077	<1	2.12	0.005	0.06	0.1	2.9	0.08	0.04	60	0.2	0.03	8.6
1076443	Soil	68	0.15	0.044	9.7	34.0	0.67	113.9	0.054	<1	1.99	0.006	0.06	<0.1	2.6	0.08	0.03	53	<0.1	0.07	7.1
1076444	Soil	71	0.16	0.040	10.5	36.0	0.58	86.9	0.071	<1	2.02	0.005	0.06	0.1	2.6	0.09	0.04	58	0.3	0.03	7.1
1076445	Soil	67	0.17	0.037	11.5	33.4	0.75	107.7	0.062	2	2.49	0.007	0.08	0.1	4.1	0.10	<0.02	34	<0.1	0.04	6.6
1076446	Soil	61	0.17	0.036	10.8	33.1	0.68	80.5	0.058	3	2.24	0.006	0.07	0.1	3.2	0.11	0.03	34	0.3	0.07	5.7
1076447	Soil	77	0.15	0.045	15.0	33.7	0.79	79.8	0.048	2	2.32	0.004	0.04	0.1	3.7	0.07	0.02	43	0.3	0.02	8.0
1076448	Soil	71	0.23	0.066	11.9	23.0	0.90	100.6	0.018	2	2.27	0.002	0.05	0.1	3.8	0.10	<0.02	26	0.2	<0.02	7.3
1076449	Soil	76	0.10	0.039	14.6	34.3	0.42	66.8	0.065	3	2.10	0.003	0.05	0.2	2.7	0.11	0.02	37	0.2	0.03	8.0
1076450 Agi Dagi B	Soil	54	0.04	0.019	7.3	20.3	0.11	64.7	0.017	4	0.90	0.001	0.05	0.1	1.8	0.09	<0.02	30	2.5	0.34	8.0
1076351	Soil	63	0.14	0.050	9.2	38.7	0.55	93.3	0.060	2	2.52	0.004	0.06	0.2	2.6	0.09	0.03	46	0.4	0.03	6.1
1076352	Soil	64	0.16	0.043	9.8	32.1	0.57	97.5	0.058	3	2.29	0.006	0.06	0.2	2.5	0.08	0.03	49	0.3	0.05	6.0
1076353	Soil	86	0.16	0.035	7.1	27.8	0.43	92.4	0.072	3	1.48	0.003	0.05	0.2	2.1	0.11	<0.02	30	0.2	0.06	7.5
1076354	Soil	64	0.34	0.044	9.4	44.0	0.81	171.1	0.040	3	1.88	0.005	0.07	0.2	3.8	0.10	<0.02	22	0.3	0.04	6.2
1076355	Soil	69	0.15	0.063	15.6	45.9	0.49	158.9	0.054	6	3.10	0.004	0.06	0.2	4.5	0.11	0.03	93	0.6	0.07	7.5
1076356	Soil	66	0.18	0.020	7.4	41.4	0.79	113.8	0.083	4	2.67	0.005	0.05	<0.1	3.7	0.10	<0.02	12	0.2	<0.02	6.6
1076357	Soil	90	0.14	0.044	6.5	34.6	0.73	100.4	0.099	3	2.71	0.004	0.05	0.1	3.4	0.08	<0.02	59	0.4	0.03	8.6
1076358	Soil	78	0.15	0.038	7.4	40.2	0.72	121.1	0.086	3	2.93	0.005	0.08	0.1	4.2	0.08	<0.02	56	0.3	0.04	6.6
1076359	Soil	91	0.20	0.046	5.6	36.1	0.66	97.3	0.099	3	2.53	0.003	0.07	0.2	3.3	0.08	<0.02	44	0.4	0.06	7.8
1076360	Soil	75	0.26	0.027	7.0	31.2	0.48	134.8	0.072	1	2.00	0.008	0.06	0.1	2.4	0.09	<0.02	27	0.3	0.05	6.8
1076361	Soil	72	0.39	0.030	7.4	31.7	0.40	174.8	0.053	<1	1.98	0.007	0.04	0.2	2.2	0.09	<0.02	24	0.2	<0.02	7.4
1076362	Soil	75	0.26	0.034	6.9	29.4	0.40	141.4	0.055	<1	1.70	0.005	0.04	0.2	2.0	0.07	<0.02	41	0.2	0.05	7.6
1076363	Soil	74	0.29	0.020	8.0	31.1	0.43	141.0	0.057	<1	1.89	0.008	0.04	0.1	2.5	0.09	<0.02	16	0.2	0.05	7.2
1076364	Soil	66	1.06	0.167	12.1	43.6	1.47	276.8	0.052	3	2.60	0.015	0.06	0.1	5.1	0.15	<0.02	50	0.4	0.03	7.0
1076365	Soil	89	0.29	0.049	7.0	26.3	0.34	107.1	0.065	<1	1.47	0.006	0.05	0.2	1.8	0.08	<0.02	25	0.2	0.07	7.4
1076366	Soil	57	0.18	0.050	9.3	35.4	0.60	134.6	0.050	2	2.17	0.006	0.07	0.2	2.8	0.09	0.03	48	0.4	0.03	5.4
1076367	Soil	56	0.13	0.037	8.7	27.8	0.42	297.2	0.036	1	1.63	0.005	0.06	0.1	1.7	0.09	0.03	53	0.4	0.15	6.1
1076368	Soil	55	0.09	0.035	6.7	23.3	0.34	223.6	0.032	1	1.58	0.004	0.05	0.1	1.7	0.08	0.02	52	0.4	0.04	6.1
1076369	Soil	41	0.13	0.052	7.5	26.3	0.45	98.9	0.025	1	1.36	0.007	0.07	0.1	1.6	0.08	0.05	63	0.5	0.38	4.4

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

CERTIFICATE OF ANALYSIS WHI11000921.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
Analyte		Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
MDL		0.02	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
1076440	Soil	5.52	<0.1	0.02	0.87	9.3	0.9	<0.05	1.3	4.37	30.5	0.03	<1	0.8	12.9	<10	<2	7.6
1076441	Soil	20.97	<0.1	0.05	0.68	11.5	3.8	<0.05	1.0	4.97	28.1	0.04	<1	0.7	22.2	<10	<2	17.5
1076442	Soil	4.69	<0.1	0.03	1.39	9.7	1.2	<0.05	1.3	3.37	21.7	0.03	<1	0.7	19.9	<10	<2	14.7
1076443	Soil	3.49	<0.1	<0.02	0.97	9.2	1.6	<0.05	0.9	3.35	23.6	0.02	<1	0.5	15.9	<10	<2	13.2
1076444	Soil	2.05	<0.1	0.03	1.41	9.7	1.0	<0.05	1.3	3.81	26.6	0.03	2	0.3	18.6	<10	<2	14.6
1076445	Soil	5.46	<0.1	0.04	1.05	10.5	0.9	<0.05	2.0	4.88	41.1	0.04	3	0.6	16.5	<10	<2	10.6
1076446	Soil	5.02	<0.1	0.03	1.07	8.5	0.9	<0.05	1.7	4.62	27.3	0.04	<1	0.6	13.4	<10	<2	11.0
1076447	Soil	4.32	<0.1	<0.02	0.79	7.0	1.0	<0.05	0.6	5.79	40.0	0.02	<1	0.8	18.0	<10	<2	11.0
1076448	Soil	12.14	<0.1	<0.02	0.58	7.8	1.0	<0.05	0.4	4.45	43.0	0.03	<1	0.8	19.8	<10	4	10.5
1076449	Soil	2.29	<0.1	0.02	1.36	10.5	2.0	<0.05	1.0	4.72	34.2	0.02	<1	0.6	15.7	<10	<2	11.8
1076450 Agi Dagi B	Soil	0.80	<0.1	0.14	0.46	8.9	0.6	<0.05	7.4	2.57	15.0	<0.02	<1	0.3	5.7	<10	<2	10.5
1076351	Soil	2.67	<0.1	0.05	1.87	9.7	0.9	<0.05	2.3	3.40	21.7	<0.02	<1	0.6	19.8	<10	<2	17.7
1076352	Soil	3.47	<0.1	0.03	1.21	9.0	1.6	<0.05	1.2	3.57	26.2	0.02	<1	0.5	17.8	<10	<2	14.0
1076353	Soil	2.25	<0.1	0.03	1.49	9.3	1.3	<0.05	1.6	2.22	15.8	<0.02	1	0.2	16.3	<10	<2	11.6
1076354	Soil	13.56	<0.1	0.02	0.84	11.1	1.5	<0.05	1.3	5.05	20.2	<0.02	<1	0.6	19.2	<10	4	10.7
1076355	Soil	3.12	<0.1	0.09	1.78	9.7	1.2	<0.05	3.7	8.49	33.1	0.03	<1	1.3	17.0	<10	<2	19.6
1076356	Soil	3.27	<0.1	0.06	0.74	7.7	1.1	<0.05	2.7	3.52	19.2	0.03	<1	0.4	16.2	<10	<2	6.8
1076357	Soil	2.70	<0.1	0.05	1.88	6.6	1.4	<0.05	3.1	2.94	14.0	<0.02	<1	0.5	25.8	<10	3	12.8
1076358	Soil	2.31	<0.1	0.10	1.74	8.8	1.0	<0.05	4.4	3.16	18.4	0.03	<1	0.4	20.8	<10	2	12.4
1076359	Soil	7.52	<0.1	0.05	1.69	7.3	1.6	<0.05	3.1	2.48	11.7	0.02	<1	0.4	28.4	<10	<2	13.7
1076360	Soil	1.93	<0.1	0.06	1.38	7.7	1.5	<0.05	2.9	2.16	15.2	<0.02	<1	0.3	15.4	<10	<2	10.0
1076361	Soil	1.48	<0.1	0.03	1.65	8.0	1.3	<0.05	1.6	2.21	14.8	0.03	<1	0.5	15.6	<10	2	12.4
1076362	Soil	1.45	<0.1	0.02	1.60	9.4	1.5	<0.05	1.5	1.99	13.6	<0.02	<1	0.4	17.5	<10	2	12.4
1076363	Soil	1.18	<0.1	0.04	1.20	6.9	2.0	<0.05	2.5	2.41	15.9	<0.02	<1	0.3	13.6	<10	<2	8.6
1076364	Soil	5.16	<0.1	0.04	0.86	8.2	1.3	<0.05	1.8	11.31	24.2	<0.02	<1	0.8	24.8	<10	3	12.0
1076365	Soil	2.52	<0.1	0.02	1.47	10.5	2.5	<0.05	1.3	1.96	14.0	<0.02	<1	0.3	13.7	<10	<2	13.0
1076366	Soil	3.08	<0.1	0.04	0.93	9.6	0.8	<0.05	1.4	3.94	23.7	0.02	1	0.8	18.2	<10	4	11.3
1076367	Soil	8.73	<0.1	<0.02	0.79	8.4	0.9	<0.05	0.5	3.65	18.5	<0.02	2	0.7	14.7	<10	<2	13.1
1076368	Soil	5.63	<0.1	<0.02	0.86	8.3	1.2	<0.05	0.7	2.94	14.4	<0.02	<1	0.4	14.0	<10	<2	10.4
1076369	Soil	8.00	<0.1	<0.02	0.76	6.9	0.7	<0.05	0.5	3.32	16.2	<0.02	<1	0.7	13.0	<10	2	14.3

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

CERTIFICATE OF ANALYSIS WHI11000921.1

	Method	WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	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
1076370 GS-1	Soil	N.A.	N.A.	N.A.	0.74	25.40	8.80	53.1	29	29.5	13.1	440	2.74	4.3	1.4	<0.2	7.2	83.4	0.07	0.19	0.19
1076371	Soil		49.00	1474	1.48	40.13	30.80	73.0	189	18.0	12.4	641	3.66	14.2	0.4	1.7	0.5	30.4	0.32	0.66	0.25
1076372	Soil		377.0	1455	1.01	59.55	38.52	71.9	244	28.0	12.7	761	2.88	11.5	0.6	1.6	0.8	48.8	0.17	0.68	0.38
1076373	Soil		160.0	1534	1.26	34.73	29.31	95.4	180	27.4	25.2	1645	4.11	13.0	0.5	3.3	1.1	71.9	0.22	0.55	0.74
1076374	Soil		240.0	1524	2.29	48.82	22.21	74.2	183	20.1	21.1	871	3.76	12.0	0.7	3.7	1.9	54.0	0.22	0.71	0.92
1076375	Soil		312.0	1506	2.47	79.54	32.11	165.8	584	36.4	14.1	311	3.05	8.7	1.0	11.2	1.4	73.1	0.97	0.82	3.66
1076376	Soil		160.0	756.0	1.87	23.58	28.21	155.4	161	26.4	17.5	577	3.29	6.1	0.9	3.4	2.2	40.9	0.16	0.36	0.80
1076377	Soil		144.0	966.0	3.16	45.12	16.36	65.4	132	27.6	17.1	537	3.17	5.0	0.8	2.9	1.8	44.1	0.17	0.32	0.30
1076378	Soil		144.0	1154	1.03	88.83	22.03	77.1	217	25.7	26.2	3641	5.70	9.4	0.7	6.5	3.1	8.8	0.25	0.62	0.39

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

CERTIFICATE OF ANALYSIS WHI11000921.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	2	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
1076370 GS-1	Soil	15	3.85	0.043	19.4	22.7	1.08	74.9	0.030	2	1.28	0.029	0.24	0.1	2.0	0.10	0.03	13	0.2	<0.02	3.5
1076371	Soil	71	0.27	0.076	7.0	31.0	0.59	114.7	0.027	1	1.52	0.007	0.07	0.2	2.2	0.07	0.08	66	0.5	0.20	6.3
1076372	Soil	56	0.43	0.072	12.7	62.1	0.72	228.3	0.032	2	1.46	0.010	0.06	0.1	3.1	0.09	0.07	42	0.6	0.26	4.9
1076373	Soil	88	0.29	0.092	11.5	57.3	0.91	189.5	0.040	1	2.06	0.011	0.08	<0.1	4.0	0.09	0.08	46	0.5	0.60	7.3
1076374	Soil	68	0.17	0.094	12.9	37.8	0.73	168.0	0.051	2	2.27	0.012	0.06	0.1	3.8	0.10	0.08	68	0.8	0.60	6.7
1076375	Soil	60	0.78	0.116	22.3	45.0	0.99	164.3	0.058	2	3.14	0.025	0.05	0.1	6.3	0.15	0.10	61	1.6	0.42	6.9
1076376	Soil	64	0.46	0.056	12.2	59.4	0.95	278.9	0.022	1	2.14	0.009	0.07	0.1	5.2	0.11	0.03	37	0.7	0.15	6.6
1076377	Soil	58	0.25	0.053	11.0	53.4	0.86	157.9	0.025	3	2.17	0.010	0.08	0.1	4.9	0.11	0.05	41	0.5	0.12	6.1
1076378	Soil	89	0.08	0.051	11.1	32.6	1.55	238.2	0.007	3	4.14	<0.001	0.10	0.6	8.9	0.40	0.05	119	0.7	0.09	7.8

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

CERTIFICATE OF ANALYSIS WHI11000921.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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
1076370 GS-1	Soil	1.07	<0.1	0.03	0.67	15.3	0.6	<0.05	1.0	7.40	36.4	<0.02	<1	0.3	28.9	<10	2	8.5
1076371	Soil	5.43	<0.1	<0.02	0.88	8.8	2.6	<0.05	0.5	2.55	14.2	<0.02	<1	0.4	14.8	<10	4	22.2
1076372	Soil	5.37	<0.1	0.02	0.70	8.9	0.7	<0.05	1.0	8.98	22.7	<0.02	2	0.6	12.7	<10	<2	15.6
1076373	Soil	5.59	<0.1	<0.02	0.80	9.1	1.3	<0.05	0.6	4.49	20.8	0.03	2	0.7	15.5	<10	3	18.2
1076374	Soil	2.59	<0.1	0.04	1.02	7.6	0.9	<0.05	1.4	5.62	24.3	<0.02	1	0.6	12.0	<10	3	19.1
1076375	Soil	3.79	<0.1	0.05	1.37	7.7	1.9	<0.05	2.3	16.57	46.6	0.06	3	1.2	15.5	<10	3	24.8
1076376	Soil	5.31	<0.1	0.04	0.80	7.9	3.0	<0.05	1.5	8.67	24.5	0.05	3	0.5	18.0	<10	3	12.3
1076377	Soil	7.12	<0.1	<0.02	0.84	8.7	4.2	<0.05	0.8	5.76	21.1	<0.02	2	0.8	18.9	<10	<2	15.6
1076378	Soil	14.68	<0.1	0.09	0.54	11.1	2.5	<0.05	3.0	12.61	50.9	0.06	<1	1.6	22.9	<10	<2	14.6

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

QUALITY CONTROL REPORT WHI11000921.1

	Method	WGHT	SS80	SS80	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	-80 Wt	+80 Wt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi
	Unit	kg	g	g	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	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
Pulp Duplicates																					
1075722	Soil		247.0	716.0	0.92	48.49	8.18	34.4	241	20.2	6.8	202	1.47	4.9	0.9	2.8	1.1	80.8	0.09	0.42	0.12
REP 1075722	QC				0.96	51.31	8.80	34.1	288	20.4	7.6	203	1.53	5.3	0.9	1.8	1.1	84.3	0.09	0.46	0.11
1075727	Soil		172.0	1145	2.57	79.60	14.14	91.9	441	52.6	18.3	721	3.64	39.8	4.2	4.5	5.7	45.8	0.43	2.68	0.25
REP 1075727	QC																				
1075730 GS-1	Soil	N.A.	N.A.	N.A.	0.64	20.29	9.46	53.8	36	25.8	11.5	447	2.83	4.6	1.5	<0.2	7.7	90.3	0.04	0.17	0.20
REP 1075730 GS-1	QC				0.67	21.43	9.77	55.0	40	27.6	12.0	451	2.91	4.5	1.6	1.4	8.4	92.4	0.05	0.18	0.21
1076353	Soil		194.0	1292	1.41	17.71	23.17	50.9	110	14.0	7.8	373	3.83	10.4	0.4	2.1	1.9	14.0	0.22	0.69	0.19
REP 1076353	QC				1.35	17.68	23.02	50.9	107	14.4	8.3	369	3.90	10.5	0.4	3.2	1.8	14.1	0.22	0.70	0.19
1076361	Soil		135.0	800.0	1.30	16.73	18.81	85.5	521	20.1	12.8	723	2.96	23.7	0.4	1.8	1.5	22.8	0.81	0.38	0.18
REP 1076361	QC																				
1076375	Soil		312.0	1506	2.47	79.54	32.11	165.8	584	36.4	14.1	311	3.05	8.7	1.0	11.2	1.4	73.1	0.97	0.82	3.66
REP 1076375	QC				2.56	75.54	31.13	160.2	600	36.9	13.9	323	3.09	8.5	0.9	9.8	1.3	71.1	0.96	0.80	3.62
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard				13.53	108.9	135.9	326.4	1937	39.4	7.6	644	2.63	27.1	2.9	120.1	7.1	68.6	2.47	5.63	6.38
STD DS8	Standard				12.15	113.6	117.2	281.0	1662	38.4	7.7	573	2.42	24.5	2.3	100.2	5.7	56.6	2.19	4.63	5.65
STD DOLOMITE-2 Expected																					
STD DS8 Expected					13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67
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	<2	<0.1	<0.1	<1	<0.01	<0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

QUALITY CONTROL REPORT WHI11000921.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
	Unit	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
	MDL	2	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
Pulp Duplicates																					
1075722	Soil	35	0.74	0.057	9.1	31.1	0.50	113.4	0.049	<1	1.41	0.027	0.05	0.2	1.9	0.07	0.04	57	0.4	0.04	5.0
REP 1075722	QC	35	0.76	0.061	9.6	30.4	0.52	116.9	0.053	<1	1.45	0.028	0.05	0.2	2.1	0.06	0.04	37	0.3	<0.02	5.6
1075727	Soil	69	1.14	0.033	28.9	39.2	0.62	586.2	0.063	3	1.75	0.008	0.27	0.2	5.4	0.27	0.04	116	1.8	0.11	5.5
REP 1075727	QC																				
1075730 GS-1	Soil	15	4.09	0.041	18.7	21.1	1.08	74.0	0.032	<1	1.24	0.020	0.22	<0.1	2.0	0.11	0.03	26	0.3	<0.02	3.4
REP 1075730 GS-1	QC	15	4.16	0.044	19.9	22.4	1.11	75.0	0.034	<1	1.26	0.021	0.22	<0.1	2.1	0.11	0.03	20	0.2	<0.02	3.7
1076353	Soil	86	0.16	0.035	7.1	27.8	0.43	92.4	0.072	3	1.48	0.003	0.05	0.2	2.1	0.11	<0.02	30	0.2	0.06	7.5
REP 1076353	QC	87	0.17	0.034	7.3	27.0	0.44	95.0	0.073	3	1.51	0.003	0.05	0.1	2.1	0.11	<0.02	29	0.2	0.05	7.9
1076361	Soil	72	0.39	0.030	7.4	31.7	0.40	174.8	0.053	<1	1.98	0.007	0.04	0.2	2.2	0.09	<0.02	24	0.2	<0.02	7.4
REP 1076361	QC																				
1076375	Soil	60	0.78	0.116	22.3	45.0	0.99	164.3	0.058	2	3.14	0.025	0.05	0.1	6.3	0.15	0.10	61	1.6	0.42	6.9
REP 1076375	QC	61	0.80	0.111	22.1	48.3	1.00	166.2	0.058	2	3.27	0.025	0.05	0.1	6.1	0.15	0.10	65	1.7	0.39	6.7
Reference Materials																					
STD DOLOMITE-2	Standard																				
STD DOLOMITE-2	Standard																				
STD DS8	Standard	42	0.74	0.088	15.3	122.1	0.64	287.1	0.122	3	0.96	0.090	0.43	2.9	2.1	5.96	0.16	198	5.3	5.52	4.8
STD DS8	Standard	39	0.68	0.074	12.2	117.2	0.59	240.6	0.098	4	0.92	0.103	0.42	2.8	1.8	5.02	0.15	204	4.9	4.81	4.1
STD DOLOMITE-2 Expected																					
STD DS8 Expected		41.1	0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7
BLK	Blank	<2	<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
BLK	Blank	<2	<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

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: August 26, 2011

QUALITY CONTROL REPORT WHI11000921.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	LOI
	Analyte	Cs	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	ppm	ppb	ppm	ppm	ppb	ppb	%
	MDL	0.02	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																		
1075722	Soil	4.45	<0.1	0.04	1.25	10.4	0.8	<0.05	3.0	4.74	18.5	0.03	5	0.4	12.8	<10	2	19.4
REP 1075722	QC	4.68	<0.1	0.03	1.20	10.9	0.8	<0.05	3.2	4.98	19.8	0.02	3	1.1	14.0	<10	<2	
1075727	Soil	2.92	<0.1	0.07	1.18	23.8	1.4	<0.05	3.6	23.50	44.8	0.03	1	0.8	13.1	<10	<2	20.8
REP 1075727	QC																	20.7
1075730 GS-1	Soil	1.04	<0.1	<0.02	0.64	15.0	0.7	<0.05	1.0	7.57	39.9	<0.02	1	0.3	27.8	<10	<2	8.5
REP 1075730 GS-1	QC	1.09	0.1	<0.02	0.62	15.6	0.6	<0.05	1.1	7.76	41.1	0.02	1	0.1	28.7	<10	<2	
1076353	Soil	2.25	<0.1	0.03	1.49	9.3	1.3	<0.05	1.6	2.22	15.8	<0.02	1	0.2	16.3	<10	<2	11.6
REP 1076353	QC	2.28	<0.1	0.03	1.38	9.3	1.4	<0.05	1.5	2.17	15.9	<0.02	<1	0.3	16.2	<10	<2	
1076361	Soil	1.48	<0.1	0.03	1.65	8.0	1.3	<0.05	1.6	2.21	14.8	0.03	<1	0.5	15.6	<10	2	12.4
REP 1076361	QC																	12.5
1076375	Soil	3.79	<0.1	0.05	1.37	7.7	1.9	<0.05	2.3	16.57	46.6	0.06	3	1.2	15.5	<10	3	24.8
REP 1076375	QC	3.88	<0.1	0.05	1.38	7.8	1.7	<0.05	2.2	16.09	47.0	0.06	2	0.8	14.6	11	4	
Reference Materials																		
STD DOLOMITE-2	Standard																	46.0
STD DOLOMITE-2	Standard																	45.7
STD DS8	Standard	2.63	0.1	0.09	1.35	40.3	7.3	<0.05	2.4	6.19	30.2	2.31	55	4.8	25.3	125	371	
STD DS8	Standard	2.35	<0.1	0.08	1.18	36.0	5.7	<0.05	1.9	5.00	22.5	1.96	47	4.9	24.2	112	322	
STD DOLOMITE-2 Expected																		46
STD DS8 Expected		2.48	0.13	0.08	1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339	
BLK	Blank	<0.02	<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	<0.02	<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	

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.

APPENDIX VII

ROCK GEOCHEMICAL ANALYTICAL CERTIFICATES

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Andrea Langerud
Receiving Lab: Canada-Whitehorse
Received: July 04, 2011
Report Date: July 23, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000444.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG-004
P.O. Number
Number of Samples: 83

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	78	Crush, split and pulverize 1kg rock to 200 mesh			VAN
G601	81	Fire Assay fusion Au by ICP-ES	30	Completed	VAN
1F06	80	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

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

CC: Rupa Mukherjee
Randy Farmer

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000444.1

Method		WGHT	G6	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	gm/t	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
1076001	Rock	3.67	0.009	2.75	43.25	8.43	106.8	338	29.7	7.4	189	2.83	5.4	1.1	11.0	7.1	13.3	0.55	0.51	1.43	101
1076002	Rock	2.12	<0.005	0.46	1.76	4.87	31.5	32	1.9	0.5	113	0.73	18.0	8.3	0.7	11.5	1.9	0.05	1.21	0.15	<2
1076003	Rock	2.11	<0.005	0.80	1.97	7.06	40.1	49	1.9	0.4	170	0.80	6.0	6.4	0.3	16.2	1.5	0.04	0.71	0.46	<2
1076004	Rock	3.48	<0.005	0.16	66.82	1.79	25.2	51	35.1	16.0	324	2.12	6.1	<0.1	1.2	<0.1	41.4	0.08	0.47	0.11	61
1076005	Rock	3.92	<0.005	0.14	73.64	1.74	29.8	43	42.6	18.2	369	2.44	2.2	<0.1	0.6	0.2	44.2	0.10	0.32	0.06	66
1076006	Rock	3.05	<0.005	0.09	63.18	2.17	21.1	87	48.4	20.3	297	2.17	12.1	<0.1	0.2	<0.1	39.0	0.07	1.66	0.14	74
1076007	Rock	1.84	<0.005	0.30	13.70	1.51	16.3	24	5.6	9.0	227	1.90	0.3	0.3	10.7	0.6	208.8	0.05	0.07	0.10	74
1076008	Rock	3.05	<0.005	0.27	7.57	2.56	18.3	27	52.6	6.2	244	1.57	1.1	<0.1	0.3	0.6	5.1	0.02	0.34	0.03	39
1076009	Rock	2.88	<0.005	3.70	91.76	11.79	132.7	403	32.2	10.9	368	2.27	11.2	2.5	0.7	6.4	124.9	0.64	0.13	0.12	65
1076010	Rock Pulp	0.06	0.203	151.8	1726	22.09	59.5	1920	17.9	16.4	355	3.83	22.9	3.9	211.1	9.4	66.1	0.82	6.88	2.27	53
1076011 G1 BLANK	Rock	0.02	<0.005	0.11	1.37	2.90	45.7	8	4.4	4.4	523	1.95	0.5	1.6	0.3	4.8	54.9	0.01	0.06	0.05	35
1076012	Rock	1.47	<0.005	5.75	30.65	3.85	24.3	158	77.1	14.9	118	2.79	2.2	1.3	<0.2	5.2	182.3	0.11	0.19	0.20	114
1076101	Rock	1.22	<0.005	0.19	6.50	9.80	40.1	27	4.4	8.1	407	2.29	1.4	1.4	<0.2	16.9	33.0	0.06	0.28	0.06	39
1076102	Rock	1.24	<0.005	0.19	4.45	9.32	37.7	33	4.5	7.7	410	2.09	1.7	1.4	<0.2	18.0	40.7	0.07	0.29	0.07	35
1076103	Rock	1.17	<0.005	0.28	5.40	9.51	29.1	36	3.5	5.6	343	2.09	1.4	8.0	<0.2	22.9	14.8	0.02	0.27	0.32	41
1076104	Rock	1.66	<0.005	0.21	3.03	3.63	5.6	13	3.0	1.5	109	0.86	1.9	2.8	<0.2	27.8	8.3	0.02	0.32	0.04	10
1076105	Rock	1.80	<0.005	0.37	13.57	2.33	10.5	67	4.9	1.7	86	1.01	1.6	0.1	5.9	0.6	3.0	0.03	0.13	0.21	8
1076106	Rock	1.18	<0.005	0.26	5.46	7.01	3.4	23	1.4	0.5	82	0.57	12.9	2.2	0.3	11.9	2.5	0.01	0.20	0.15	<2
1076107	Rock	2.13	<0.005	0.32	11.77	1.17	6.2	71	3.6	0.8	74	1.21	1.2	<0.1	1.4	0.2	20.8	0.03	0.07	0.09	6
1076108	Rock	1.85	0.016	0.21	6.20	4.73	23.5	28	28.2	9.7	208	1.33	96.5	0.9	17.9	6.8	126.8	0.07	0.46	0.36	36
1076109	Rock	0.56	<0.005	0.97	6.90	3.19	28.0	14	34.6	12.3	252	2.78	4.0	1.0	0.6	15.9	13.8	0.06	0.22	0.03	58
1076110	Rock Pulp	0.06	0.187	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.
1076111 G1 BLANK	Rock	0.01	<0.005	0.14	2.29	2.71	45.5	13	3.3	4.3	531	1.91	0.7	1.4	0.6	4.5	56.6	<0.01	0.04	0.04	33
1076112	Rock	0.81	<0.005	0.17	3.80	1.68	25.1	5	30.3	10.9	182	2.89	1.9	2.1	<0.2	21.6	4.1	<0.01	0.07	<0.02	36
1076113	Rock	0.92	<0.005	0.43	45.51	4.58	57.2	77	32.0	16.0	290	3.12	8.9	1.8	0.7	11.9	91.1	0.05	0.38	0.13	47
1076114	Rock	1.02	<0.005	0.08	1.26	18.31	65.1	55	1.3	0.3	171	0.57	1.5	2.8	<0.2	13.0	2.7	0.04	0.16	0.24	<2
1076051	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1076052	Rock	3.87	0.006	0.13	16.53	2.63	29.4	23	17.2	5.6	279	1.58	4.7	2.2	2.5	15.5	61.3	0.02	0.25	0.06	45
1076053	Rock	5.98	<0.005	1.41	55.85	3.30	28.1	58	13.2	9.3	145	2.64	7.8	2.3	1.5	9.6	21.2	0.03	0.23	0.19	21
1076054	Rock	3.13	<0.005	1.22	5.61	16.52	38.0	32	6.4	6.9	806	2.27	3.1	3.1	0.4	20.8	11.7	0.09	0.44	0.03	27

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000444.1

	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	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
1076001	Rock	0.16	0.066	18.5	65.5	0.57	183.3	0.091	<1	1.72	0.020	0.56	0.1	3.4	0.26	0.09	5	1.5	0.31	5.1	2.45
1076002	Rock	0.04	<0.001	0.8	11.8	0.01	18.2	0.002	<1	0.27	0.058	0.09	0.7	0.1	0.06	<0.02	7	0.4	<0.02	1.9	0.78
1076003	Rock	0.04	0.001	1.3	10.7	0.01	14.2	0.003	<1	0.33	0.054	0.13	22.1	0.1	0.13	<0.02	<5	0.3	<0.02	2.4	1.48
1076004	Rock	2.04	0.029	0.6	98.8	1.06	14.5	0.132	1	2.32	0.396	0.04	<0.1	6.9	<0.02	0.06	7	0.2	<0.02	7.1	0.79
1076005	Rock	2.22	0.085	1.6	123.7	1.40	29.7	0.124	3	2.65	0.408	0.05	<0.1	7.1	<0.02	0.05	7	0.4	<0.02	7.3	1.58
1076006	Rock	1.65	0.013	0.6	85.0	1.58	15.8	0.182	2	2.56	0.284	0.02	<0.1	5.0	<0.02	0.06	<5	0.3	<0.02	5.6	0.60
1076007	Rock	1.95	0.082	5.5	33.6	0.70	98.6	0.147	<1	2.81	0.270	0.10	2.4	4.9	0.03	<0.02	<5	0.2	<0.02	6.0	0.93
1076008	Rock	0.11	0.031	3.6	81.9	0.90	22.2	0.003	<1	0.87	0.001	0.04	<0.1	1.6	<0.02	<0.02	<5	0.4	<0.02	4.8	0.16
1076009	Rock	0.85	0.200	15.8	62.3	0.63	132.0	0.069	<1	1.11	0.062	0.49	0.3	3.2	0.24	1.04	9	2.1	0.09	4.3	1.45
1076010	Rock Pulp	1.63	0.061	20.4	64.9	0.78	235.8	0.038	5	1.36	0.048	0.50	2.3	5.0	0.29	1.55	91	3.0	0.26	4.3	1.97
1076011 G1 BLANK	Rock	0.43	0.071	9.3	6.5	0.55	198.1	0.131	<1	0.92	0.063	0.44	<0.1	1.7	0.28	<0.02	<5	0.2	<0.02	4.5	2.31
1076012	Rock	2.41	0.025	14.7	83.2	0.62	70.3	0.130	3	4.23	0.398	0.47	0.1	6.1	0.69	1.56	<5	1.5	0.04	9.8	8.05
1076101	Rock	0.76	0.060	21.0	26.2	0.70	79.3	0.142	3	1.31	0.075	0.14	0.2	2.8	0.07	<0.02	<5	0.3	0.02	5.5	0.60
1076102	Rock	0.72	0.061	24.2	23.1	0.61	80.8	0.127	2	1.10	0.055	0.11	0.2	2.1	0.06	<0.02	<5	0.2	<0.02	5.1	0.50
1076103	Rock	0.66	0.030	18.4	38.2	0.53	33.9	0.060	<1	0.91	0.066	0.12	0.7	3.9	0.06	<0.02	<5	<0.1	<0.02	4.5	1.02
1076104	Rock	0.08	0.004	10.3	18.1	0.13	70.5	0.038	2	0.30	0.046	0.19	0.3	0.7	0.09	<0.02	<5	0.1	<0.02	1.1	0.73
1076105	Rock	0.09	0.029	1.8	31.4	0.12	22.1	0.014	<1	0.28	0.005	0.10	<0.1	0.4	0.05	<0.02	<5	0.4	0.04	0.9	0.57
1076106	Rock	0.04	0.001	7.6	12.0	0.03	10.3	0.015	<1	0.24	0.044	0.11	0.9	0.3	0.04	<0.02	<5	0.3	<0.02	1.0	0.64
1076107	Rock	0.02	0.014	0.6	32.2	0.05	22.8	0.007	<1	0.17	0.003	0.05	<0.1	0.2	0.04	0.03	5	0.6	0.06	0.6	0.34
1076108	Rock	2.68	0.058	12.5	43.2	0.68	48.2	0.096	1	4.51	0.445	0.11	0.2	2.4	0.04	<0.02	<5	0.2	0.07	12.4	0.31
1076109	Rock	0.32	0.020	30.3	72.3	0.92	219.1	0.121	<1	1.90	0.077	0.70	0.2	7.3	0.33	<0.02	<5	<0.1	0.02	6.4	2.24
1076110	Rock Pulp	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.
1076111 G1 BLANK	Rock	0.42	0.073	9.0	6.4	0.53	194.5	0.122	<1	0.88	0.054	0.43	<0.1	1.7	0.28	<0.02	<5	<0.1	<0.02	4.5	2.32
1076112	Rock	0.14	0.058	72.4	52.7	0.86	140.4	0.110	<1	2.02	0.036	1.23	0.2	4.3	0.58	<0.02	<5	<0.1	<0.02	6.3	5.02
1076113	Rock	2.08	0.020	18.8	62.7	0.67	41.5	0.114	2	3.61	0.188	0.18	0.3	5.0	0.07	0.76	<5	0.4	0.03	10.6	0.79
1076114	Rock	0.06	0.001	2.6	4.7	0.05	18.3	<0.001	<1	0.40	0.041	0.18	0.3	<0.1	0.12	<0.02	<5	0.2	<0.02	1.5	0.35
1076051	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1076052	Rock	2.21	0.032	23.4	51.4	0.74	73.6	0.143	2	2.91	0.162	0.36	1.2	5.3	0.09	0.04	<5	0.1	<0.02	9.6	1.09
1076053	Rock	0.37	0.027	18.6	39.3	0.47	49.2	0.051	<1	1.52	0.064	0.29	<0.1	2.1	0.18	0.21	<5	1.5	<0.02	5.0	1.43
1076054	Rock	0.16	0.039	11.7	14.7	0.11	103.9	0.003	<1	0.84	0.002	0.07	0.5	6.1	0.05	<0.02	108	0.2	<0.02	1.9	1.05

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000444.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	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	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
1076001	Rock	<0.1	0.08	0.32	45.4	0.7	<0.05	3.4	6.49	33.2	0.06	1	1.0	11.2	<10	<2
1076002	Rock	<0.1	0.26	3.62	6.5	0.5	<0.05	3.8	19.39	3.7	<0.02	<1	0.3	2.7	<10	<2
1076003	Rock	<0.1	0.13	4.60	17.7	1.6	<0.05	2.6	20.24	5.0	<0.02	<1	<0.1	7.9	<10	<2
1076004	Rock	0.1	0.10	<0.02	0.9	0.2	<0.05	3.0	6.97	1.9	<0.02	<1	<0.1	6.3	<10	<2
1076005	Rock	0.1	0.17	0.03	1.8	0.2	<0.05	4.2	11.01	4.6	0.02	<1	0.3	13.8	<10	<2
1076006	Rock	0.1	0.11	0.03	0.6	0.1	<0.05	2.7	5.26	1.6	<0.02	<1	<0.1	6.7	<10	<2
1076007	Rock	0.1	0.14	0.06	5.6	0.3	<0.05	3.2	6.89	12.2	<0.02	<1	0.3	5.9	<10	<2
1076008	Rock	<0.1	0.04	<0.02	1.6	0.4	<0.05	1.6	1.73	7.5	<0.02	<1	0.3	13.6	<10	<2
1076009	Rock	<0.1	<0.02	0.21	24.9	0.5	<0.05	0.7	11.75	25.2	0.03	7	0.5	17.3	11	<2
1076010	Rock Pulp	<0.1	0.12	0.08	30.4	1.6	<0.05	3.1	9.99	35.4	0.04	30	<0.1	6.7	<10	<2
1076011 G1 BLANK	Rock	0.1	0.07	0.48	34.0	0.5	<0.05	1.1	4.94	17.6	<0.02	<1	0.7	28.4	<10	<2
1076012	Rock	<0.1	0.13	0.12	43.6	0.4	<0.05	3.8	6.94	25.3	<0.02	8	0.8	47.5	<10	<2
1076101	Rock	<0.1	0.08	0.45	7.8	0.5	<0.05	1.8	7.05	35.2	<0.02	<1	0.4	14.6	<10	<2
1076102	Rock	<0.1	0.08	0.63	6.9	0.6	<0.05	1.6	6.61	36.8	<0.02	<1	0.4	13.5	<10	<2
1076103	Rock	<0.1	0.28	0.63	8.8	0.8	<0.05	5.2	8.39	30.4	<0.02	<1	0.3	12.6	<10	<2
1076104	Rock	<0.1	0.08	0.25	10.3	0.3	<0.05	2.6	2.00	16.8	<0.02	<1	<0.1	2.5	<10	<2
1076105	Rock	<0.1	<0.02	0.24	9.1	0.2	<0.05	0.1	1.20	3.4	<0.02	<1	0.1	2.7	<10	<2
1076106	Rock	<0.1	0.27	2.37	7.3	0.3	<0.05	4.7	4.34	14.3	<0.02	<1	0.1	1.4	<10	<2
1076107	Rock	<0.1	<0.02	0.13	4.5	0.2	<0.05	0.1	0.62	1.3	<0.02	<1	<0.1	0.5	<10	<2
1076108	Rock	<0.1	<0.02	0.25	5.5	0.7	<0.05	0.5	7.01	24.1	<0.02	<1	1.5	7.1	<10	<2
1076109	Rock	<0.1	0.04	0.52	48.7	0.3	<0.05	1.3	7.22	55.2	<0.02	<1	0.4	23.1	<10	<2
1076110	Rock Pulp	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.
1076111 G1 BLANK	Rock	<0.1	0.07	0.45	37.1	0.4	<0.05	1.1	4.70	16.3	<0.02	<1	0.1	27.5	<10	<2
1076112	Rock	<0.1	0.04	0.30	100.2	0.3	<0.05	1.6	10.59	125.9	<0.02	<1	0.3	27.3	<10	<2
1076113	Rock	<0.1	0.03	0.35	11.8	1.1	<0.05	0.5	7.23	36.3	0.02	<1	1.0	17.2	<10	<2
1076114	Rock	<0.1	1.03	2.95	18.7	0.5	<0.05	20.4	22.27	9.8	<0.02	<1	0.5	4.8	<10	<2
1076051	Rock	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1076052	Rock	<0.1	0.06	0.22	21.7	1.9	<0.05	1.6	7.52	43.5	0.02	<1	0.8	19.7	<10	<2
1076053	Rock	<0.1	0.05	0.29	20.3	0.3	<0.05	1.6	4.00	34.2	<0.02	<1	1.1	12.7	<10	<2
1076054	Rock	<0.1	0.18	<0.02	4.6	0.4	<0.05	6.2	11.07	22.2	0.03	<1	0.4	5.2	<10	<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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000444.1

	Method	WGHT	G6	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	gm/t	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
1076201	Rock	2.34	<0.005	0.21	55.26	1.86	38.4	86	27.2	19.0	468	2.91	5.6	<0.1	<0.2	0.2	13.1	0.08	1.61	<0.02	119
1076202	Rock	3.26	<0.005	0.08	57.34	2.62	15.8	68	141.2	18.7	177	1.23	3.7	<0.1	1.0	<0.1	143.4	0.04	0.15	<0.02	23
1076251	Rock	2.04	0.071	4.34	19.09	30.29	27.6	2332	2.7	4.6	416	1.97	0.8	2.2	147.3	9.2	27.5	0.51	0.31	17.33	34
1076152	Rock	2.24	<0.005	0.77	39.51	5.13	52.9	51	27.6	15.6	409	3.51	1.9	1.4	2.7	10.3	31.2	0.09	0.16	0.09	75
1076153	Rock	1.61	<0.005	0.46	18.39	9.63	29.7	48	19.0	7.2	295	2.05	3.4	2.3	1.9	23.9	6.6	0.06	0.23	0.10	24
1076154	Rock	1.45	3.938	0.85	1.90	4.02	16.1	496	2.6	3.5	173	1.14	77.1	1.4	6833	10.8	7.1	0.04	0.42	25.74	20
1076155	Rock	1.26	<0.005	3.83	84.30	5.73	34.1	102	18.3	4.6	305	3.49	25.6	2.1	5.5	8.3	14.8	0.04	0.24	0.08	41
1076156	Rock	1.42	<0.005	0.19	5.91	1.99	4.5	11	3.6	1.5	93	0.66	1.0	0.1	2.8	1.4	1.0	0.05	0.09	0.13	5
1076301	Rock	1.02	7.983	10.30	15.01	36.85	17.5	1813	2.3	2.7	262	1.40	0.7	4.6	6989	17.8	11.8	0.27	0.55	133.0	18
1076302	Rock	1.05	1.217	14.08	21.22	36.23	18.9	1845	1.5	2.8	234	1.31	0.5	2.9	1248	18.4	9.7	0.21	0.30	46.67	18
1076303	Rock	0.57	0.019	0.56	1.27	10.31	35.8	23	3.2	3.8	606	2.06	0.3	3.4	16.6	19.5	27.8	0.09	0.21	1.11	24
1076304	Rock	0.99	<0.005	0.69	101.1	3.36	17.8	196	8.3	16.2	221	3.32	0.8	0.6	0.7	4.9	139.3	0.14	0.33	0.25	76
1076305	Rock	1.03	0.007	0.66	11.77	4.59	3.3	52	1.8	0.4	100	0.61	0.5	0.7	2.4	4.8	2.7	0.04	0.32	0.28	<2
1076306	Rock	1.00	<0.005	0.19	3.56	5.51	2.6	12	2.2	0.8	71	0.43	0.5	2.7	3.0	17.6	2.8	0.02	0.16	0.09	<2
1076307	Rock	1.22	<0.005	0.68	212.4	1.68	11.7	110	65.0	20.2	233	2.27	4.9	<0.1	4.3	0.2	51.4	0.04	0.58	0.28	33
1076308	Rock	1.09	<0.005	0.38	7.56	0.98	13.1	14	5.2	6.2	208	1.58	0.9	0.2	4.0	0.4	152.9	0.04	0.06	0.10	60
1076309	Rock	0.87	<0.005	0.55	9.45	5.04	4.0	15	2.1	0.8	109	0.57	3.7	1.8	2.3	45.5	5.7	0.01	0.24	0.06	2
1076310	Rock Pulp	0.06	0.211	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.
1076311 G1 BLANK	Rock	0.01	<0.005	0.16	2.94	2.52	44.1	14	4.5	4.2	532	1.92	0.2	1.3	4.5	4.8	47.3	<0.01	0.04	0.16	32
1076312	Rock	0.99	0.010	1.03	62.05	3.56	78.8	122	40.0	11.4	226	2.50	9.6	0.8	5.5	4.8	15.2	0.22	0.28	0.29	92
1076313	Rock	0.80	<0.005	0.33	14.27	0.76	3.1	59	3.0	1.1	71	0.68	1.0	<0.1	1.4	0.2	3.9	0.02	0.07	0.06	4
1076314	Rock	0.68	<0.005	0.19	4.47	3.49	28.0	11	4.6	6.5	428	1.87	1.6	2.3	1.6	19.2	160.3	0.04	0.46	0.04	33
1076315	Rock	0.86	<0.005	3.68	8.52	28.78	5.7	1694	1.3	0.3	74	0.29	457.9	4.1	1.5	17.3	12.7	0.03	0.73	5.99	<2
1076316	Rock	0.52	0.219	0.51	626.9	4.79	6.8	1624	6.3	8.4	57	19.81	2160	1.0	230.6	3.4	5.2	0.07	13.35	0.34	9
1076317	Rock	0.83	<0.005	0.33	11.25	1.02	3.4	17	3.6	1.4	90	0.64	3.7	0.1	0.8	0.2	1.4	0.01	0.11	0.46	<2
1076318	Rock	1.82	<0.005	0.20	13.39	2.53	10.1	31	22.7	10.9	108	1.22	13.2	0.9	1.8	12.0	8.9	0.03	0.22	0.09	28
1076319	Rock	1.38	0.108	0.33	126.1	2.18	23.8	131	113.7	47.9	183	2.93	181.3	0.2	119.9	1.0	215.5	0.03	0.31	0.63	83
1076320	Rock	0.87	0.012	0.58	173.5	1.04	6.6	188	211.2	31.1	143	2.60	40.2	0.4	13.5	2.4	16.5	0.02	28.89	0.22	20
1076321	Rock	0.57	<0.005	0.24	7.46	4.07	21.2	19	4.2	5.2	245	1.45	1.7	3.0	1.5	21.0	21.7	0.03	0.12	0.06	34
1076322	Rock	0.42	<0.005	0.24	10.54	4.25	24.6	20	6.8	7.3	329	1.93	1.4	3.6	1.2	20.8	25.2	0.04	0.37	0.09	46

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000444.1

	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	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
1076201	Rock	1.92	0.059	2.2	88.3	1.22	56.6	0.210	4	1.73	0.381	0.10	0.3	13.0	<0.02	<0.02	<5	0.2	<0.02	5.8	0.42
1076202	Rock	3.97	0.007	<0.5	171.7	2.30	24.6	0.028	2	7.09	0.814	0.05	<0.1	2.3	0.05	<0.02	<5	0.2	<0.02	5.7	6.72
1076251	Rock	0.82	0.047	20.4	29.5	0.47	114.4	0.126	1	0.93	0.068	0.16	>100	2.8	0.15	<0.02	<5	0.1	0.83	4.6	2.11
1076152	Rock	0.42	0.085	15.0	51.2	1.15	230.4	0.180	<1	2.34	0.069	0.85	0.1	8.1	0.36	<0.02	<5	<0.1	0.02	8.5	4.10
1076153	Rock	0.13	0.031	24.0	54.5	0.54	49.4	0.106	<1	1.12	0.040	0.47	0.5	3.2	0.32	<0.02	<5	0.1	<0.02	5.3	3.65
1076154	Rock	0.18	0.024	9.0	22.9	0.24	77.2	0.055	<1	0.48	0.028	0.15	>100	1.0	0.11	<0.02	<5	<0.1	4.18	2.2	1.84
1076155	Rock	0.08	0.017	19.4	59.5	0.86	89.3	0.050	<1	1.84	0.036	0.53	0.2	4.5	0.26	0.14	<5	1.7	0.03	6.5	3.81
1076156	Rock	0.02	0.007	3.0	22.7	0.10	9.0	0.002	<1	0.19	0.004	0.04	0.6	0.5	0.02	<0.02	<5	<0.1	<0.02	0.9	0.53
1076301	Rock	0.27	0.028	17.8	20.5	0.31	244.7	0.112	<1	0.66	0.057	0.37	>100	1.3	0.33	<0.02	<5	0.2	8.84	2.9	3.22
1076302	Rock	0.29	0.028	17.9	13.3	0.29	223.8	0.107	<1	0.60	0.042	0.32	>100	1.2	0.30	<0.02	<5	0.2	3.11	2.7	2.86
1076303	Rock	0.81	0.035	25.4	20.0	0.41	58.5	0.054	<1	0.89	0.061	0.10	24.4	2.5	0.07	<0.02	<5	<0.1	0.05	4.8	0.48
1076304	Rock	1.65	0.101	9.8	23.6	1.18	189.4	0.211	<1	2.78	0.209	0.16	1.5	1.0	0.13	<0.02	5	0.1	0.03	7.9	2.62
1076305	Rock	0.08	0.009	6.0	32.9	<0.01	24.8	<0.001	<1	0.16	0.020	0.07	0.4	0.3	0.03	<0.02	<5	0.2	0.02	0.4	0.48
1076306	Rock	0.05	0.003	8.2	14.5	0.03	11.0	0.007	<1	0.18	0.052	0.04	1.3	0.1	<0.02	<0.02	<5	0.2	<0.02	0.6	0.26
1076307	Rock	1.77	0.049	1.6	32.4	1.19	17.8	0.073	<1	2.60	0.350	0.04	0.3	3.3	0.03	0.25	<5	0.9	<0.02	5.3	1.07
1076308	Rock	1.66	0.057	4.3	31.0	0.59	66.0	0.086	<1	2.43	0.184	0.07	1.9	3.3	0.03	<0.02	<5	<0.1	<0.02	4.8	0.83
1076309	Rock	0.07	0.003	10.0	15.2	0.05	12.4	0.018	<1	0.34	0.083	0.15	0.5	0.4	0.05	<0.02	<5	<0.1	<0.02	1.1	0.88
1076310	Rock Pulp	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.
1076311 G1 BLANK	Rock	0.42	0.068	7.7	7.2	0.54	179.4	0.104	<1	0.84	0.053	0.42	1.6	1.7	0.25	<0.02	<5	<0.1	<0.02	4.3	2.17
1076312	Rock	0.23	0.052	12.6	59.9	0.50	220.0	0.091	<1	1.82	0.015	0.54	0.2	3.5	0.24	<0.02	<5	0.8	0.10	5.3	3.06
1076313	Rock	0.05	0.019	<0.5	19.2	0.03	8.2	0.002	<1	0.07	0.002	0.01	<0.1	0.2	<0.02	<0.02	<5	0.2	0.03	0.3	0.08
1076314	Rock	0.75	0.046	20.1	24.0	0.48	36.1	0.100	<1	1.07	0.041	0.07	0.5	2.2	0.03	<0.02	<5	0.2	<0.02	5.3	0.38
1076315	Rock	0.45	0.002	3.7	17.2	<0.01	73.8	0.002	<1	0.53	0.189	0.34	15.3	0.2	0.35	<0.02	<5	0.2	0.05	2.4	3.70
1076316	Rock	0.08	0.020	3.8	9.5	0.02	25.6	<0.001	1	0.34	0.002	0.08	0.3	0.6	0.07	0.03	65	3.7	0.27	2.6	0.69
1076317	Rock	0.03	0.005	0.6	39.6	0.03	6.0	0.002	<1	0.11	0.007	0.02	<0.1	<0.1	<0.02	<0.02	<5	<0.1	0.03	0.4	0.15
1076318	Rock	0.29	0.054	21.0	62.4	0.62	168.7	0.081	2	0.97	0.059	0.41	0.2	4.0	0.25	<0.02	6	<0.1	0.03	4.0	2.36
1076319	Rock	3.23	0.140	8.2	176.9	0.92	122.0	0.304	2	4.31	0.388	0.38	0.5	1.7	0.25	0.78	<5	1.9	0.20	12.6	2.57
1076320	Rock	0.40	0.043	6.5	256.0	0.25	41.9	0.036	<1	0.66	0.063	0.08	0.2	1.7	0.07	0.98	<5	2.7	0.19	2.5	0.45
1076321	Rock	0.34	0.027	12.8	23.0	0.38	263.6	0.150	<1	0.86	0.103	0.44	0.3	1.3	0.26	<0.02	7	<0.1	0.02	2.7	1.39
1076322	Rock	0.44	0.044	20.2	23.5	0.53	365.3	0.200	<1	1.02	0.115	0.53	0.3	2.0	0.37	<0.02	8	<0.1	<0.02	3.4	2.16

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000444.1

Method		1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
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	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
1076201	Rock	<0.1	0.20	0.04	1.6	0.4	<0.05	4.5	13.10	5.4	0.03	<1	<0.1	9.4	<10	<2
1076202	Rock	<0.1	<0.02	<0.02	2.7	<0.1	<0.05	0.2	1.19	0.7	<0.02	<1	<0.1	30.1	<10	<2
1076251	Rock	<0.1	0.09	0.37	14.4	2.2	<0.05	1.9	8.76	31.6	<0.02	<1	0.2	9.6	<10	<2
1076152	Rock	<0.1	<0.02	0.32	50.1	0.4	<0.05	0.5	10.68	31.3	0.03	<1	1.0	31.4	<10	<2
1076153	Rock	<0.1	0.09	0.91	40.3	0.4	<0.05	2.4	7.38	41.7	<0.02	<1	0.5	14.5	<10	<2
1076154	Rock	<0.1	0.06	0.17	10.4	0.3	<0.05	1.1	3.26	14.6	<0.02	2	3.0	6.9	<10	<2
1076155	Rock	<0.1	0.04	0.15	36.7	0.1	<0.05	1.1	3.12	31.0	<0.02	<1	1.0	26.8	<10	<2
1076156	Rock	<0.1	<0.02	0.03	3.3	<0.1	<0.05	<0.1	0.79	5.6	<0.02	<1	<0.1	1.5	<10	<2
1076301	Rock	<0.1	0.14	0.43	32.5	1.1	<0.05	2.3	5.91	28.8	<0.02	<1	<0.1	8.6	<10	<2
1076302	Rock	<0.1	0.09	2.13	29.2	1.0	<0.05	1.7	6.31	29.6	<0.02	4	<0.1	8.9	<10	<2
1076303	Rock	0.1	0.12	0.51	7.8	1.5	<0.05	3.1	7.14	38.8	0.02	<1	0.8	9.7	<10	<2
1076304	Rock	<0.1	0.23	0.27	11.1	0.2	<0.05	10.0	6.40	18.4	<0.02	<1	<0.1	12.4	<10	<2
1076305	Rock	<0.1	0.08	<0.02	3.3	0.1	<0.05	2.1	1.86	9.3	<0.02	<1	<0.1	0.4	<10	<2
1076306	Rock	<0.1	0.06	2.27	3.0	0.3	<0.05	1.9	4.42	13.1	<0.02	<1	0.3	0.7	<10	<2
1076307	Rock	<0.1	0.03	<0.02	1.9	0.3	<0.05	1.0	3.64	3.3	<0.02	1	<0.1	9.6	<10	<2
1076308	Rock	<0.1	0.07	0.05	5.1	0.2	<0.05	1.7	4.09	9.4	<0.02	<1	<0.1	6.2	<10	<2
1076309	Rock	<0.1	0.31	0.78	8.2	0.4	<0.05	6.9	2.89	14.8	<0.02	<1	<0.1	1.1	<10	<2
1076310	Rock Pulp	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.
1076311 G1 BLANK	Rock	<0.1	0.05	0.26	33.0	0.4	<0.05	0.9	3.56	13.1	<0.02	<1	<0.1	30.9	<10	<2
1076312	Rock	<0.1	0.12	0.28	50.7	0.7	<0.05	5.6	4.18	22.0	0.02	<1	0.9	26.0	<10	<2
1076313	Rock	<0.1	<0.02	0.13	0.9	0.2	<0.05	0.2	0.57	0.7	<0.02	<1	<0.1	1.0	<10	<2
1076314	Rock	0.1	0.10	0.60	3.6	0.5	<0.05	2.4	5.15	27.4	<0.02	<1	<0.1	9.0	<10	<2
1076315	Rock	<0.1	1.09	7.85	47.4	2.4	<0.05	18.0	24.80	9.0	<0.02	<1	<0.1	127.8	<10	<2
1076316	Rock	0.1	<0.02	0.03	4.9	0.4	<0.05	0.4	1.96	6.2	0.03	<1	<0.1	1.1	<10	<2
1076317	Rock	<0.1	<0.02	0.13	1.6	0.2	<0.05	0.1	0.35	1.2	<0.02	<1	<0.1	0.7	<10	<2
1076318	Rock	<0.1	<0.02	0.27	30.1	0.2	<0.05	0.3	6.61	37.2	<0.02	<1	<0.1	8.0	<10	<2
1076319	Rock	<0.1	0.09	0.54	32.7	1.0	<0.05	2.4	4.37	13.8	<0.02	<1	1.1	11.7	<10	<2
1076320	Rock	<0.1	<0.02	0.23	5.8	0.2	<0.05	0.5	3.65	9.7	<0.02	<1	0.6	2.6	<10	4
1076321	Rock	<0.1	0.12	0.49	26.9	0.4	<0.05	2.9	4.10	20.8	<0.02	<1	<0.1	7.7	<10	<2
1076322	Rock	<0.1	0.18	0.41	37.9	0.7	<0.05	4.5	6.08	31.3	<0.02	<1	<0.1	11.1	<10	<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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000444.1

Method		WGHT	G6	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	gm/t	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
1076323	Rock	0.84	0.007	0.54	123.5	3.09	14.7	117	42.6	31.3	229	3.84	14.8	0.2	11.9	0.1	155.1	0.05	0.52	0.28	85
1076324	Rock	1.27	<0.005	0.35	28.75	2.56	4.4	60	11.4	4.9	64	0.69	7.9	1.1	3.1	3.9	14.3	0.04	0.20	0.06	11
1076325	Rock	1.18	<0.005	0.13	32.34	1.74	17.8	18	22.9	11.5	202	3.77	12.2	0.9	1.1	10.2	4.5	<0.01	0.28	0.09	66
1076326	Rock	1.06	<0.005	0.26	3.65	1.02	5.1	7	4.7	1.7	290	0.53	4.2	<0.1	0.7	0.4	2.0	0.03	0.12	0.04	4
1076327	Rock	1.29	<0.005	0.65	2.19	3.98	149.2	6	89.9	40.1	678	7.97	6.0	1.1	8.1	8.3	18.7	0.05	0.30	0.05	149
1076328	Rock	1.05	<0.005	0.37	7.77	9.03	23.9	13	16.4	6.8	250	1.72	3.5	6.0	0.8	21.1	3.5	0.02	0.27	0.04	23
1076329	Rock	0.82	0.008	0.30	17.39	7.36	3.9	117	1.4	0.9	76	0.60	28.0	7.5	15.4	25.0	3.0	0.03	0.25	0.06	2
1076330	Rock Pulp	0.06	I.S.	149.7	1651	21.80	59.2	1892	15.1	16.5	359	3.72	23.0	3.9	244.9	8.8	63.9	0.86	6.38	2.37	53
1076331 G1 BLANK	Rock	0.04	<0.005	0.04	0.96	2.36	40.7	11	2.9	3.6	498	1.86	0.2	1.3	1.4	4.4	48.9	0.02	0.04	0.06	32
1076332	Rock	1.01	<0.005	0.29	2.34	2.77	26.4	26	2.8	5.8	289	2.02	12.0	3.1	1.6	16.9	24.2	0.03	0.17	0.06	46
1076333	Rock	0.79	<0.005	0.25	3.57	5.80	56.8	16	39.6	13.4	435	3.60	1.9	0.9	0.4	14.3	7.4	0.02	0.11	0.09	59
1076334	Rock	0.85	<0.005	0.15	3.78	1.82	25.0	23	19.3	6.4	188	2.28	0.5	0.7	<0.2	9.3	27.8	0.03	0.10	0.04	31
1076335	Rock	0.65	0.019	0.20	3.19	2.76	48.9	7	27.2	10.0	305	3.95	1.2	1.6	5.3	21.2	21.2	0.04	0.12	0.03	55
1076336	Rock	1.18	<0.005	0.54	0.89	1.80	27.6	4	39.6	13.7	301	4.58	2.9	1.0	0.2	17.2	6.9	0.04	0.15	<0.02	73
1076337	Rock	0.74	<0.005	0.27	5.69	1.51	10.0	8	4.5	2.2	186	1.12	0.5	0.4	1.7	8.2	17.3	<0.01	0.05	0.02	12
1076338	Rock	0.65	<0.005	0.15	1.70	1.77	7.3	11	2.6	0.7	206	0.37	1.1	0.8	0.3	4.3	114.8	0.06	0.10	<0.02	2
1076339	Rock	0.64	<0.005	0.50	38.62	2.84	44.9	74	31.6	12.7	303	3.23	12.9	2.0	1.4	15.1	97.5	0.03	0.32	0.14	51
1076340	Rock	1.64	<0.005	1.78	23.62	4.14	60.8	233	27.2	5.4	183	2.18	4.0	0.8	2.0	5.0	16.7	0.15	0.43	0.17	86
1076341	Rock	0.85	<0.005	1.37	46.22	7.34	67.2	499	35.8	7.3	189	2.82	7.5	0.9	3.8	5.6	16.8	0.19	0.15	0.20	113
1076342	Rock	1.07	<0.005	1.22	43.48	7.31	56.8	503	23.9	5.5	187	2.68	8.5	0.9	4.8	6.0	17.5	0.13	0.19	0.19	100
1076343	Rock	0.99	0.071	1.94	43.53	6.01	78.3	490	38.6	9.6	180	2.35	131.7	0.9	56.4	5.2	13.2	1.12	0.64	0.33	91
1076344	Rock	1.23	0.018	1.98	38.51	13.05	61.7	621	16.5	3.5	127	2.04	19.3	0.8	19.0	4.2	10.0	0.15	0.36	0.53	84
1076055	Rock	3.80	1.419	27.53	8.80	29.35	30.5	1924	2.3	4.5	324	1.88	1.0	2.9	1592	11.9	24.7	0.09	0.53	100.4	36

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000444.1

	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	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
1076323	Rock	2.68	0.043	2.7	164.2	1.05	100.0	0.240	<1	4.45	0.407	0.12	0.4	4.8	0.05	0.34	<5	0.8	0.23	8.5	0.89
1076324	Rock	0.64	0.089	5.9	21.9	0.10	35.5	0.063	<1	0.37	0.041	0.01	0.2	0.7	<0.02	0.12	<5	0.3	0.03	1.2	0.15
1076325	Rock	0.10	0.038	18.3	67.4	0.89	174.8	0.158	<1	2.04	0.023	1.13	0.3	7.5	0.65	0.10	<5	0.3	0.06	7.5	4.72
1076326	Rock	0.17	0.009	1.4	22.0	0.14	12.6	0.002	<1	0.18	0.001	0.02	<0.1	0.6	<0.02	<0.02	<5	0.1	0.03	0.5	0.22
1076327	Rock	0.12	0.013	20.2	199.8	2.56	1139	0.557	2	5.30	0.052	2.39	0.1	19.8	1.37	<0.02	<5	0.2	0.02	21.2	34.11
1076328	Rock	0.05	0.016	14.3	39.5	0.43	65.8	0.067	<1	0.97	0.026	0.31	0.2	2.0	0.25	<0.02	<5	0.1	<0.02	3.8	4.92
1076329	Rock	0.05	<0.001	9.7	17.3	0.05	11.5	0.017	<1	0.32	0.065	0.13	0.5	0.4	0.04	<0.02	<5	<0.1	<0.02	1.8	0.45
1076330	Rock Pulp	1.66	0.064	17.4	63.4	0.78	56.6	0.032	5	1.36	0.048	0.49	2.0	5.0	0.29	1.57	80	2.4	0.24	4.4	1.69
1076331 G1 BLANK	Rock	0.37	0.066	7.8	5.3	0.55	190.3	0.097	<1	0.85	0.044	0.42	<0.1	1.5	0.27	<0.02	<5	<0.1	<0.02	4.2	2.08
1076332	Rock	0.41	0.053	17.6	18.0	0.56	469.7	0.202	1	1.08	0.103	0.60	0.8	2.0	0.40	<0.02	<5	<0.1	<0.02	4.4	3.90
1076333	Rock	0.22	0.057	20.5	90.6	1.27	111.7	0.180	<1	2.29	0.033	0.99	<0.1	6.4	0.41	<0.02	8	<0.1	<0.02	9.4	3.15
1076334	Rock	0.34	0.077	15.8	49.1	0.85	152.2	0.179	1	1.66	0.093	0.87	0.4	5.6	0.52	<0.02	<5	<0.1	<0.02	6.2	3.43
1076335	Rock	0.41	0.043	49.5	57.0	0.97	282.3	0.162	<1	2.65	0.073	1.30	0.4	6.0	0.59	<0.02	<5	0.2	<0.02	9.2	5.44
1076336	Rock	0.27	0.085	42.9	70.1	1.29	288.4	0.209	<1	2.93	0.035	1.78	0.3	7.0	0.91	<0.02	<5	<0.1	<0.02	10.5	9.03
1076337	Rock	0.22	0.023	13.3	23.8	0.20	47.0	0.032	<1	0.71	0.056	0.17	0.2	2.3	0.08	<0.02	<5	<0.1	<0.02	2.1	0.94
1076338	Rock	5.68	0.013	8.6	12.7	0.04	17.2	0.042	3	1.42	0.115	0.06	0.2	0.4	<0.02	<0.02	<5	<0.1	<0.02	4.3	0.14
1076339	Rock	2.11	0.092	22.3	49.4	0.95	62.7	0.099	2	4.16	0.305	0.42	0.2	6.7	0.17	0.47	<5	0.2	<0.02	12.0	1.36
1076340	Rock	0.17	0.053	13.4	50.8	0.44	152.0	0.073	<1	1.58	0.028	0.44	0.1	3.0	0.21	0.14	8	0.8	0.06	4.9	2.10
1076341	Rock	0.19	0.086	15.1	59.0	0.69	245.9	0.056	<1	2.10	0.021	0.50	<0.1	4.1	0.25	0.29	<5	1.3	0.07	6.5	2.59
1076342	Rock	0.17	0.085	16.5	52.6	0.63	228.5	0.053	1	1.92	0.018	0.47	<0.1	3.2	0.26	0.18	<5	1.3	0.10	5.9	2.48
1076343	Rock	0.16	0.064	14.6	52.4	0.53	135.1	0.050	<1	1.97	0.024	0.42	<0.1	2.9	0.22	0.38	<5	0.9	0.08	6.3	2.47
1076344	Rock	0.09	0.053	11.6	47.4	0.45	192.8	0.072	<1	1.51	0.018	0.49	0.3	3.0	0.27	0.06	<5	1.1	0.17	4.7	2.33
1076055	Rock	0.54	0.047	16.5	20.1	0.48	256.6	0.159	<1	1.01	0.072	0.33	34.4	2.1	0.28	<0.02	<5	0.3	3.51	4.8	2.78

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000444.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	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	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
1076323	Rock	<0.1	0.10	0.04	7.8	0.6	<0.05	2.5	7.55	4.8	<0.02	2	<0.1	12.3	<10	<2
1076324	Rock	<0.1	0.07	0.64	0.7	0.3	<0.05	1.6	4.26	9.9	<0.02	<1	<0.1	1.2	<10	<2
1076325	Rock	<0.1	0.03	0.30	84.5	0.6	<0.05	1.1	4.48	36.6	<0.02	<1	<0.1	20.3	<10	<2
1076326	Rock	<0.1	<0.02	0.05	1.6	0.1	<0.05	<0.1	1.21	2.5	<0.02	<1	<0.1	1.5	<10	<2
1076327	Rock	<0.1	0.02	0.31	142.5	0.8	<0.05	0.4	3.78	38.5	0.04	<1	1.9	92.1	12	<2
1076328	Rock	<0.1	0.23	0.35	29.8	0.4	<0.05	5.0	4.89	25.5	<0.02	<1	<0.1	17.4	<10	<2
1076329	Rock	<0.1	0.69	2.49	5.9	0.2	<0.05	11.2	7.58	16.1	<0.02	<1	<0.1	1.7	<10	<2
1076330	Rock Pulp	<0.1	0.10	0.05	29.3	1.7	<0.05	3.2	9.72	30.7	0.05	33	0.5	7.0	<10	<2
1076331 G1 BLANK	Rock	<0.1	0.06	0.32	32.6	0.4	<0.05	0.9	3.50	13.9	<0.02	<1	0.1	27.7	<10	<2
1076332	Rock	0.1	0.13	0.22	52.1	0.6	<0.05	3.0	6.41	32.0	<0.02	<1	0.3	10.5	<10	<2
1076333	Rock	<0.1	<0.02	0.24	66.2	0.7	<0.05	0.5	11.15	44.5	0.03	<1	0.5	37.8	<10	<2
1076334	Rock	<0.1	<0.02	0.38	76.4	0.9	<0.05	0.3	9.74	33.4	0.02	<1	0.8	29.4	<10	<2
1076335	Rock	0.1	0.04	0.51	96.9	0.6	<0.05	1.2	12.25	84.0	<0.02	<1	0.5	35.1	<10	<2
1076336	Rock	0.1	0.06	0.62	133.5	0.3	<0.05	2.4	10.35	73.8	<0.02	<1	0.5	42.3	<10	<2
1076337	Rock	<0.1	<0.02	0.71	14.5	0.3	<0.05	0.3	5.14	27.3	<0.02	<1	0.2	6.0	<10	<2
1076338	Rock	<0.1	0.04	0.16	3.0	0.5	<0.05	0.8	4.40	16.9	<0.02	<1	0.5	1.4	<10	<2
1076339	Rock	<0.1	<0.02	0.19	31.1	0.7	<0.05	0.8	9.96	38.8	<0.02	<1	1.5	32.9	<10	<2
1076340	Rock	<0.1	0.04	0.36	40.2	0.7	<0.05	1.6	4.42	25.1	<0.02	<1	0.9	15.0	<10	<2
1076341	Rock	<0.1	0.06	0.17	44.7	0.7	<0.05	2.6	6.26	28.7	0.04	1	1.2	23.1	<10	<2
1076342	Rock	<0.1	0.05	0.24	42.8	0.7	<0.05	2.5	5.87	31.8	0.02	1	0.9	21.7	<10	<2
1076343	Rock	<0.1	0.07	0.06	36.8	0.6	<0.05	2.8	5.54	28.0	<0.02	2	1.1	14.1	<10	<2
1076344	Rock	<0.1	0.05	0.50	48.2	0.7	<0.05	2.4	3.61	21.8	0.03	<1	0.3	10.0	<10	<2
1076055	Rock	<0.1	0.12	0.68	26.5	1.6	<0.05	2.5	5.39	29.8	<0.02	1	0.3	13.4	<10	<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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000444.1

	Method	WGHT	G6	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	gm/t	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 G1	QC			0.17	1.79	3.92	45.9	12	4.1	4.6	576	2.14	5.6	1.6	1.1	5.2	62.2	0.03	0.10	0.26	35
1076103	Rock	1.17	<0.005	0.28	5.40	9.51	29.1	36	3.5	5.6	343	2.09	1.4	8.0	<0.2	22.9	14.8	0.02	0.27	0.32	41
REP 1076103	QC			0.29	5.42	9.43	29.4	37	3.4	5.5	339	2.07	1.4	7.7	1.5	22.7	14.9	0.04	0.28	0.29	40
REP 1076309	QC		<0.005																		
1076311 G1 BLANK	Rock	0.01	<0.005	0.16	2.94	2.52	44.1	14	4.5	4.2	532	1.92	0.2	1.3	4.5	4.8	47.3	<0.01	0.04	0.16	32
REP 1076311 G1 BLANK	QC			0.14	2.45	2.48	42.4	9	4.3	4.3	562	1.95	0.1	1.4	1.2	4.7	47.7	0.02	0.05	0.04	32
1076321	Rock	0.57	<0.005	0.24	7.46	4.07	21.2	19	4.2	5.2	245	1.45	1.7	3.0	1.5	21.0	21.7	0.03	0.12	0.06	34
REP 1076321	QC			0.24	8.28	4.18	17.4	15	4.5	5.0	248	1.50	1.5	3.1	2.6	21.4	21.8	0.04	0.14	0.06	36
1076331 G1 BLANK	Rock	0.04	<0.005	0.04	0.96	2.36	40.7	11	2.9	3.6	498	1.86	0.2	1.3	1.4	4.4	48.9	0.02	0.04	0.06	32
REP 1076331 G1 BLANK	QC		<0.005																		
1076336	Rock	1.18	<0.005	0.54	0.89	1.80	27.6	4	39.6	13.7	301	4.58	2.9	1.0	0.2	17.2	6.9	0.04	0.15	<0.02	73
REP 1076336	QC			0.53	0.91	1.72	27.0	6	36.1	12.8	293	4.54	3.0	1.0	<0.2	16.7	6.6	0.04	0.16	<0.02	72
Core Reject Duplicates																					
1076012	Rock	1.47	<0.005	5.75	30.65	3.85	24.3	158	77.1	14.9	118	2.79	2.2	1.3	<0.2	5.2	182.3	0.11	0.19	0.20	114
DUP 1076012	QC		<0.005	5.79	29.98	4.06	26.2	165	77.2	14.9	107	2.74	2.5	1.2	0.6	5.3	180.0	0.10	0.19	0.21	112
1076309	Rock	0.87	<0.005	0.55	9.45	5.04	4.0	15	2.1	0.8	109	0.57	3.7	1.8	2.3	45.5	5.7	0.01	0.24	0.06	2
DUP 1076309	QC		<0.005	0.51	8.73	4.90	5.1	21	1.9	0.8	94	0.55	4.1	1.9	1.7	43.8	4.9	0.02	0.26	0.06	<2
1076344	Rock	1.23	0.018	1.98	38.51	13.05	61.7	621	16.5	3.5	127	2.04	19.3	0.8	19.0	4.2	10.0	0.15	0.36	0.53	84
DUP 1076344	QC		0.017	2.06	38.20	12.61	62.3	598	16.1	3.4	137	2.09	18.6	0.8	17.1	4.3	9.9	0.17	0.34	0.52	83
Reference Materials																					
STD DS8	Standard			12.82	116.1	120.1	296.8	1643	39.9	7.9	595	2.46	23.5	2.7	109.0	6.4	61.5	2.32	5.58	6.41	40
STD DS8	Standard			12.71	116.0	122.4	299.1	1680	38.7	8.1	588	2.42	22.9	2.7	106.2	6.3	62.8	2.24	5.68	6.54	40
STD DS8	Standard			12.29	99.01	120.0	298.1	1748	33.7	7.0	617	2.44	24.0	2.8	119.9	6.9	71.8	2.35	5.82	7.07	41
STD DS8	Standard			12.42	101.6	120.7	313.9	1836	34.0	7.0	583	2.39	24.6	2.7	108.6	6.6	70.9	2.43	5.80	7.04	40
STD DS8	Standard			12.27	124.3	109.0	317.2	1677	43.1	8.6	620	2.43	21.6	2.5	113.8	6.1	60.6	2.12	5.14	5.82	39
STD DS8	Standard			12.86	128.2	124.2	311.7	1711	45.4	9.1	642	2.44	21.7	2.8	107.5	6.9	63.3	2.16	5.53	6.61	39
STD OXH82	Standard		1.253																		
STD OXH82	Standard		1.292																		

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000444.1

	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	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
Pulp Duplicates																					
REP G1	QC	0.45	0.070	10.6	9.7	0.57	226.1	0.139	<1	1.01	0.077	0.46	0.1	1.6	0.30	<0.02	6	0.1	<0.02	5.0	2.48
1076103	Rock	0.66	0.030	18.4	38.2	0.53	33.9	0.060	<1	0.91	0.066	0.12	0.7	3.9	0.06	<0.02	<5	<0.1	<0.02	4.5	1.02
REP 1076103	QC	0.65	0.028	17.2	34.6	0.52	33.0	0.050	1	0.90	0.068	0.12	0.6	3.9	0.06	<0.02	<5	<0.1	0.02	4.4	1.02
REP 1076309	QC																				
1076311 G1 BLANK	Rock	0.42	0.068	7.7	7.2	0.54	179.4	0.104	<1	0.84	0.053	0.42	1.6	1.7	0.25	<0.02	<5	<0.1	<0.02	4.3	2.17
REP 1076311 G1 BLANK	QC	0.45	0.075	8.0	8.4	0.55	180.6	0.112	<1	0.87	0.055	0.43	0.2	1.7	0.26	<0.02	<5	<0.1	<0.02	4.2	2.19
1076321	Rock	0.34	0.027	12.8	23.0	0.38	263.6	0.150	<1	0.86	0.103	0.44	0.3	1.3	0.26	<0.02	7	<0.1	0.02	2.7	1.39
REP 1076321	QC	0.36	0.034	13.4	22.8	0.35	272.5	0.155	<1	0.88	0.105	0.45	0.3	1.5	0.26	<0.02	<5	<0.1	<0.02	2.7	1.44
1076331 G1 BLANK	Rock	0.37	0.066	7.8	5.3	0.55	190.3	0.097	<1	0.85	0.044	0.42	<0.1	1.5	0.27	<0.02	<5	<0.1	<0.02	4.2	2.08
REP 1076331 G1 BLANK	QC																				
1076336	Rock	0.27	0.085	42.9	70.1	1.29	288.4	0.209	<1	2.93	0.035	1.78	0.3	7.0	0.91	<0.02	<5	<0.1	<0.02	10.5	9.03
REP 1076336	QC	0.26	0.085	42.1	69.0	1.25	278.1	0.207	<1	2.91	0.034	1.73	0.2	7.1	0.89	<0.02	<5	0.2	<0.02	9.8	8.33
Core Reject Duplicates																					
1076012	Rock	2.41	0.025	14.7	83.2	0.62	70.3	0.130	3	4.23	0.398	0.47	0.1	6.1	0.69	1.56	<5	1.5	0.04	9.8	8.05
DUP 1076012	QC	2.39	0.025	13.6	82.7	0.62	67.1	0.122	3	4.16	0.390	0.46	0.1	5.8	0.74	1.57	<5	1.5	0.08	9.9	7.95
1076309	Rock	0.07	0.003	10.0	15.2	0.05	12.4	0.018	<1	0.34	0.083	0.15	0.5	0.4	0.05	<0.02	<5	<0.1	<0.02	1.1	0.88
DUP 1076309	QC	0.07	0.002	9.7	15.8	0.04	10.4	0.019	<1	0.29	0.060	0.11	0.7	0.3	0.05	<0.02	<5	<0.1	<0.02	0.9	0.86
1076344	Rock	0.09	0.053	11.6	47.4	0.45	192.8	0.072	<1	1.51	0.018	0.49	0.3	3.0	0.27	0.06	<5	1.1	0.17	4.7	2.33
DUP 1076344	QC	0.10	0.053	12.1	47.1	0.45	191.3	0.071	<1	1.51	0.019	0.48	<0.1	2.9	0.26	0.07	<5	1.1	0.20	4.8	2.39
Reference Materials																					
STD DS8	Standard	0.68	0.070	15.6	122.4	0.60	258.4	0.129	3	0.91	0.087	0.41	2.9	1.9	5.22	0.15	188	5.3	4.82	4.3	2.37
STD DS8	Standard	0.67	0.069	14.8	119.1	0.59	254.4	0.121	1	0.88	0.085	0.41	2.8	2.0	5.25	0.16	191	5.1	4.85	4.3	2.37
STD DS8	Standard	0.69	0.081	15.4	112.0	0.62	259.3	0.117	3	0.92	0.083	0.41	2.8	2.3	5.20	0.16	194	5.2	4.91	4.4	2.28
STD DS8	Standard	0.66	0.082	15.5	112.4	0.60	272.3	0.116	3	0.89	0.082	0.40	2.8	2.3	5.21	0.15	209	5.3	5.26	4.5	2.32
STD DS8	Standard	0.69	0.075	13.6	139.8	0.60	227.6	0.126	<1	0.89	0.082	0.40	2.5	2.2	4.74	0.15	175	4.5	4.47	4.3	2.24
STD DS8	Standard	0.69	0.068	15.7	132.3	0.61	249.2	0.129	1	0.89	0.080	0.41	2.9	1.9	5.32	0.15	212	5.0	4.74	4.3	2.41
STD OXH82	Standard																				
STD OXH82	Standard																				

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000444.1

	Method	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
	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	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
Pulp Duplicates																
REP G1	QC	<0.1	0.12	0.46	37.2	0.6	<0.05	1.2	5.54	19.8	<0.02	<1	0.4	31.6	<10	<2
1076103	Rock	<0.1	0.28	0.63	8.8	0.8	<0.05	5.2	8.39	30.4	<0.02	<1	0.3	12.6	<10	<2
REP 1076103	QC	<0.1	0.24	0.53	8.0	0.7	<0.05	4.4	7.78	28.9	<0.02	<1	0.3	12.3	<10	<2
REP 1076309	QC															
1076311 G1 BLANK	Rock	<0.1	0.05	0.26	33.0	0.4	<0.05	0.9	3.56	13.1	<0.02	<1	<0.1	30.9	<10	<2
REP 1076311 G1 BLANK	QC	0.1	0.06	0.30	33.4	0.3	<0.05	1.0	3.66	13.7	<0.02	<1	<0.1	26.6	<10	<2
1076321	Rock	<0.1	0.12	0.49	26.9	0.4	<0.05	2.9	4.10	20.8	<0.02	<1	<0.1	7.7	<10	<2
REP 1076321	QC	<0.1	0.12	0.47	28.1	0.4	<0.05	2.8	4.11	20.6	<0.02	<1	<0.1	7.6	<10	<2
1076331 G1 BLANK	Rock	<0.1	0.06	0.32	32.6	0.4	<0.05	0.9	3.50	13.9	<0.02	<1	0.1	27.7	<10	<2
REP 1076331 G1 BLANK	QC															
1076336	Rock	0.1	0.06	0.62	133.5	0.3	<0.05	2.4	10.35	73.8	<0.02	<1	0.5	42.3	<10	<2
REP 1076336	QC	<0.1	0.05	0.59	127.0	0.3	<0.05	2.2	9.94	74.2	<0.02	<1	0.5	40.5	<10	<2
Core Reject Duplicates																
1076012	Rock	<0.1	0.13	0.12	43.6	0.4	<0.05	3.8	6.94	25.3	<0.02	8	0.8	47.5	<10	<2
DUP 1076012	QC	0.1	0.12	0.13	43.7	0.3	<0.05	3.6	6.58	24.3	<0.02	11	1.4	46.2	<10	<2
1076309	Rock	<0.1	0.31	0.78	8.2	0.4	<0.05	6.9	2.89	14.8	<0.02	<1	<0.1	1.1	<10	<2
DUP 1076309	QC	<0.1	0.28	1.04	7.3	0.4	<0.05	7.1	2.95	15.5	<0.02	<1	<0.1	1.0	<10	<2
1076344	Rock	<0.1	0.05	0.50	48.2	0.7	<0.05	2.4	3.61	21.8	0.03	<1	0.3	10.0	<10	<2
DUP 1076344	QC	<0.1	0.06	0.46	50.3	0.7	<0.05	2.4	3.50	23.3	0.03	1	0.6	10.5	<10	<2
Reference Materials																
STD DS8	Standard	<0.1	0.08	1.29	35.4	6.9	<0.05	1.8	6.04	26.5	2.28	62	5.1	22.5	110	337
STD DS8	Standard	<0.1	0.07	1.23	36.5	6.9	<0.05	1.9	5.83	25.5	2.26	52	4.5	23.2	119	343
STD DS8	Standard	<0.1	0.07	1.18	36.9	7.2	<0.05	2.2	5.77	26.6	2.36	58	5.5	27.9	124	351
STD DS8	Standard	<0.1	0.08	1.12	36.0	7.7	<0.05	2.1	5.61	26.6	2.47	52	5.1	28.5	124	355
STD DS8	Standard	<0.1	0.07	1.08	34.8	6.2	<0.05	1.9	5.35	22.5	2.23	48	5.5	25.1	115	306
STD DS8	Standard	0.1	0.08	1.18	35.8	6.3	<0.05	2.0	5.61	25.3	2.18	49	5.2	21.9	121	334
STD OXH82	Standard															
STD OXH82	Standard															

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

Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000444.1

		WGHT	G6	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30	1F30
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	gm/t	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 OXH82	Standard		1.256																		
STD OXK79	Standard		3.316																		
STD OXK79	Standard		3.279																		
STD OXK79	Standard		3.499																		
STD OXH82 Expected			1.278																		
STD OXK79 Expected			3.532																		
STD DS8 Expected				13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1
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	<0.01	<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	<2
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	<2
Prep Wash																					
G1	Prep Blank		<0.005	0.17	1.65	4.79	47.6	20	4.3	4.1	551	2.04	1.4	1.7	2.5	5.1	58.9	0.07	0.12	0.11	35
G1	Prep Blank		<0.005																		
G1	Prep Blank			0.15	1.67	3.86	45.8	15	4.5	4.5	553	2.13	5.6	1.6	0.9	5.0	61.7	0.04	0.10	0.28	36

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000444.1

		1F30 Ca % 0.01	1F30 P % 0.001	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 Tl 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
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD OXH82 Expected																					
STD OXK79 Expected																					
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48
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	<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																				
BLK	Blank																				
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
Prep Wash																					
G1	Prep Blank	0.42	0.070	10.1	11.1	0.55	222.9	0.135	1	0.93	0.068	0.45	<0.1	1.6	0.31	<0.02	10	0.1	<0.02	4.7	2.48
G1	Prep Blank																				
G1	Prep Blank	0.43	0.067	10.4	9.5	0.56	223.3	0.136	<1	0.98	0.075	0.46	<0.1	1.8	0.31	<0.02	<5	0.3	<0.02	4.8	2.45

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000444.1

		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
STD OXH82	Standard															
STD OXK79	Standard															
STD OXK79	Standard															
STD OXK79	Standard															
STD OXH82 Expected																
STD OXK79 Expected																
STD DS8 Expected		0.13	0.08	1.65	39	6.7	0.003	2.3	6.1	29.8	2.19	55	5.2	26.34	110	339
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	<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	Prep Blank	<0.1	0.09	0.48	37.3	0.8	<0.05	1.1	5.25	19.1	0.04	<1	0.1	26.3	<10	<2
G1	Prep Blank															
G1	Prep Blank	0.1	0.09	0.43	37.1	0.5	<0.05	1.1	5.39	18.7	<0.02	<1	0.5	28.3	<10	<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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Andrea Langerud
Receiving Lab: Canada-Whitehorse
Received: December 22, 2011
Report Date: January 17, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000444M.1

CLIENT JOB INFORMATION

Project: 210800
Shipment ID: YTG_004
P.O. Number
Number of Samples: 4

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
M150	4	Crush, Pulverize and Sieve 500g, save +150 and -150 mes			VAN
G602	4	Metallics Fire Assay	30	Completed	VAN

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.

ADDITIONAL COMMENTS

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

CC: Rupa Mukherjee
Randy Farmer

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: January 17, 2012

CERTIFICATE OF ANALYSIS WHI11000444M.1

Method		M150	G6	G6.ME	G6.ME	G6.ME
Analyte		TotWt	-Au	+Wt	+Au	TotAu
Unit		g	gm/t	g	mg	gm/t
MDL		1	0.01	0.01	0.005	0.01
1076301	Rock	529	7.19	25.42	0.332	7.47
1076302	Rock	525	1.74	30.03	0.017	1.68
1076303	Rock	389	0.03	17.36	<0.005	0.03
1076055	Rock	557	2.02	20.85	0.022	1.98

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210800
Report Date: January 17, 2012

QUALITY CONTROL REPORT WHI11000444M.1

		Method	M150	G6	G6.ME	G6.ME	G6.ME
		Analyte	TotWt	-Au	+Wt	+Au	TotAu
		Unit	g	gm/t	g	mg	gm/t
		MDL	1	0.01	0.01	0.005	0.01
Reference Materials							
STD OXH82	Standard			1.30			
STD OXK79	Standard			3.52			
STD OXP76	Standard				30.00	0.450	
STD OXP76	Standard				30.05	0.495	
BLK	Blank			<0.01			
BLK	Blank			<0.01			
BLK	Blank				30.00	<0.005	
BLK	Blank				30.00	<0.005	
Prep Wash							
G1	Prep Blank		375	<0.01	21.24	<0.005	<0.01

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

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

Submitted By: Andrea Langerud
Receiving Lab: Canada-Whitehorse
Received: August 01, 2011
Report Date: December 29, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000900.2

CLIENT JOB INFORMATION

Project: 210700
Shipment ID: YTG_012
P.O. Number
Number of Samples: 36

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.

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-1000	32	Crush, split and pulverize 1kg rock to 200 mesh			VAN
1F04	36	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	0.5	Completed	VAN
G601	36	Fire Assay fusion Au by ICP-ES	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : G601 included.

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

CC: Randy Farmer
Rupa Mukherjee

BRITISH COLUMBIA CERTIFIED ASSAYER
RAYMOND CHAN
CHIEF ASSAYER

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

CERTIFICATE OF ANALYSIS WHI11000900.2

Method		WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		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	0.01
1076013	Rock	3.78	0.21	4.44	3.70	69.3	16	4.5	8.7	853	2.87	1.6	0.6	0.3	5.6	55.1	0.07	0.24	0.04	67	0.80
1076014	Rock Pulp	0.05	131.5	1734	21.09	62.7	2061	16.0	16.0	348	3.65	26.0	4.1	468.2	10.2	73.1	0.92	3.25	2.55	48	1.65
1076015	Rock	2.62	0.13	1.50	2.79	3.8	20	1.1	0.6	60	0.35	7.5	0.5	0.9	10.0	61.8	0.03	0.72	0.07	4	0.02
1076016	Rock	1.87	0.30	2.64	3.04	2.6	23	1.7	0.6	110	0.57	6.2	0.6	1.3	12.5	17.2	0.02	0.85	0.07	3	0.03
1076017	Rock	2.80	0.25	18.02	0.99	27.6	13	181.8	18.0	905	2.06	3.6	0.4	0.6	2.6	96.1	0.08	0.03	<0.02	52	3.84
1076018	Rock	2.60	0.24	2.98	3.14	34.1	18	2.0	2.7	568	1.27	2.0	1.2	0.4	24.9	11.4	0.01	0.07	0.05	14	0.11
1076019	Rock	3.35	1.02	64.31	2.92	41.8	54	267.4	23.9	388	2.72	1.4	0.9	1.6	3.4	25.7	0.05	0.02	0.04	70	0.51
1076020	Rock	2.23	0.39	2.30	9.48	1.8	13	1.2	0.6	46	0.54	23.8	1.6	0.3	8.5	12.1	<0.01	1.13	0.05	<2	0.01
1076021	Rock	2.71	0.18	1.68	15.96	2.7	11	0.8	0.3	22	1.26	31.6	1.6	0.7	35.7	56.6	0.03	0.81	0.06	6	0.02
1076022	Rock	2.94	0.16	2.35	14.48	9.2	9	0.9	0.5	34	1.13	23.6	1.8	0.7	23.1	47.4	<0.01	0.88	0.06	11	0.02
1076023	Rock	2.35	0.32	3.36	6.23	31.3	9	2.6	4.0	566	1.51	9.5	3.6	<0.2	25.2	4.6	<0.01	0.81	0.05	19	0.07
1076024	Rock	3.30	0.31	4.23	5.12	33.8	19	3.7	3.0	606	1.34	2.2	1.6	<0.2	30.2	13.0	0.01	0.80	0.05	15	0.15
1076025	Rock	2.69	0.11	1.38	3.09	43.8	12	8.9	5.6	1173	1.74	6.8	4.6	<0.2	28.7	70.0	0.18	1.53	0.03	13	0.06
1076026	Rock	2.94	0.31	1.54	7.88	1.2	13	1.1	0.3	58	0.25	19.1	0.6	<0.2	10.9	18.9	<0.01	0.27	0.06	<2	0.01
1076027	Rock	2.69	3.57	1.51	9.08	8.6	8	0.9	1.2	1169	0.32	10.3	1.4	<0.2	5.0	82.9	0.05	0.31	0.05	<2	0.02
1076028	Rock	1.95	431.8	62.40	8.05	4.9	169	1.6	2.5	74	0.86	47.0	2.4	0.3	2.5	4.8	<0.01	23.16	1.30	3	0.02
1076056	Rock	2.19	0.70	19.08	4.87	94.9	16	21.1	29.5	1358	4.92	2.1	0.6	<0.2	2.8	103.6	0.17	0.61	0.03	88	1.47
1076057	Rock	4.19	1.36	41.54	2.20	49.4	45	64.0	18.1	515	3.41	3.1	0.2	1.0	1.4	273.8	0.04	0.02	<0.02	72	1.26
1076058	Rock	4.03	0.71	28.05	3.72	53.2	47	52.5	16.2	670	3.14	1.0	0.4	0.6	2.6	186.1	0.08	0.02	0.02	73	2.03
1076157	Rock	2.42	1.78	6.79	1.70	11.5	450	8.5	3.8	170	1.27	25.5	<0.1	4.2	0.1	12.1	0.02	0.46	<0.02	25	0.18
1076158	Rock	3.31	0.67	2.18	4.13	23.4	10	5.5	1.8	354	0.52	4.7	0.3	<0.2	1.7	248.9	0.67	0.08	0.03	7	28.47
1076252	Rock	3.15	0.64	19.19	7.73	74.6	30	7.2	11.1	624	2.33	17.0	0.6	0.2	2.7	107.3	0.49	0.12	0.11	67	2.08
1076151 Blank	Rock	0.02	0.15	3.47	3.31	45.4	13	1.8	3.4	565	1.95	0.3	1.8	<0.2	6.0	91.4	0.01	<0.02	0.04	32	0.58
1076029	Rock	3.26	0.60	19.83	67.06	118.5	332	47.8	8.4	265	1.94	53.4	1.3	0.8	6.9	48.7	0.83	0.41	0.82	54	0.81
1076030	Rock Pulp	0.08	7.05	376.2	112.4	484.7	280	327.4	50.7	351	6.12	85.6	2.1	74.8	10.9	25.8	0.12	2.77	0.41	21	0.50
1076031 Blank	Rock	0.01	0.30	3.28	3.54	45.5	17	2.6	4.0	576	2.12	0.4	1.5	<0.2	5.8	94.8	0.02	0.03	0.04	36	0.60
1076032	Rock	1.92	1.66	44.10	4.20	25.9	49	14.0	7.3	278	3.73	9.3	0.4	1.2	1.6	82.0	0.10	1.24	0.14	89	0.99
1076033	Rock	3.86	0.42	323.0	2.52	135.6	607	51.0	14.5	1250	2.96	12.4	1.2	1.3	4.4	93.8	0.11	0.92	0.18	72	1.82
1076034	Rock	2.70	0.84	59.27	36.05	246.5	177	42.9	13.6	1760	2.44	8.5	0.9	1.0	3.9	68.8	0.91	1.12	0.04	67	1.06
1076035	Rock	3.23	0.24	8.54	7.89	68.4	50	3.8	7.5	449	1.97	13.5	0.2	1.0	0.4	115.0	0.09	1.86	0.07	35	1.11

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

CERTIFICATE OF ANALYSIS WHI11000900.2

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
	MDL	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	0.1
1076013	Rock	0.153	17.0	9.9	0.91	52.5	0.112	<20	1.31	0.078	0.11	<0.1	4.8	<0.02	<0.02	<5	<0.1	<0.02	6.4	0.90	0.2
1076014	Rock Pulp	0.066	18.9	51.1	0.78	212.8	0.033	<20	1.27	0.054	0.46	1.8	4.6	0.25	1.67	86	2.7	0.29	4.2	1.64	<0.1
1076015	Rock	0.007	3.7	0.9	0.01	121.4	0.002	<20	0.31	0.047	0.12	0.8	0.8	0.09	<0.02	7	<0.1	0.03	0.9	0.93	<0.1
1076016	Rock	0.003	4.9	4.1	0.01	37.0	0.003	<20	0.24	0.085	0.12	0.8	0.8	0.06	<0.02	66	<0.1	0.03	0.8	0.56	<0.1
1076017	Rock	0.118	12.0	103.8	4.40	57.2	0.030	<20	0.45	0.076	0.12	<0.1	9.3	<0.02	<0.02	<5	0.2	<0.02	1.6	0.33	<0.1
1076018	Rock	0.039	14.3	3.4	0.20	212.0	0.072	<20	0.58	0.077	0.28	<0.1	3.2	0.23	<0.02	<5	<0.1	<0.02	2.7	3.71	<0.1
1076019	Rock	0.172	15.0	63.5	3.53	79.5	0.049	<20	0.40	0.069	0.13	0.1	1.4	<0.02	<0.02	<5	0.1	<0.02	1.9	2.93	0.1
1076020	Rock	0.004	3.2	3.4	<0.01	37.7	<0.001	<20	0.20	0.066	0.14	<0.1	0.5	0.25	0.06	45	0.1	<0.02	0.7	0.41	<0.1
1076021	Rock	0.038	17.5	3.3	0.01	305.2	<0.001	<20	0.25	0.094	0.25	<0.1	1.5	1.34	0.41	181	0.2	<0.02	2.3	1.02	<0.1
1076022	Rock	0.029	15.6	3.7	0.01	193.5	0.001	<20	0.29	0.089	0.21	<0.1	1.5	0.65	0.26	227	0.2	<0.02	1.5	0.95	<0.1
1076023	Rock	0.041	11.7	4.4	0.03	56.1	0.002	<20	0.64	0.002	0.09	0.1	3.9	0.10	<0.02	146	0.1	<0.02	2.2	3.93	<0.1
1076024	Rock	0.045	36.1	5.5	0.06	106.9	0.009	<20	0.34	0.063	0.13	<0.1	3.6	0.12	<0.02	18	0.1	<0.02	1.3	2.84	<0.1
1076025	Rock	0.033	25.6	3.5	0.02	365.6	0.003	<20	0.31	0.081	0.08	0.2	4.8	0.04	<0.02	43	<0.1	0.02	0.8	0.32	<0.1
1076026	Rock	0.003	6.6	3.0	<0.01	22.2	<0.001	<20	0.22	0.064	0.12	0.2	0.4	0.06	<0.02	9	<0.1	<0.02	0.6	0.45	<0.1
1076027	Rock	0.009	4.7	0.6	0.01	84.6	<0.001	<20	0.38	0.007	0.14	0.7	0.7	0.08	<0.02	<5	<0.1	<0.02	0.8	0.63	<0.1
1076028	Rock	0.002	2.8	5.7	<0.01	15.7	0.001	<20	0.07	0.007	0.04	0.3	0.8	0.10	0.02	486	<0.1	<0.02	0.4	1.10	<0.1
1076056	Rock	0.174	13.6	66.3	0.85	197.7	0.026	<20	0.86	0.049	0.10	0.2	10.6	<0.02	<0.02	24	<0.1	<0.02	2.6	1.89	<0.1
1076057	Rock	0.208	17.2	28.2	1.99	134.3	0.149	<20	1.90	0.325	0.13	0.1	1.7	<0.02	<0.02	<5	0.1	<0.02	4.5	0.33	0.2
1076058	Rock	0.160	20.2	76.1	1.63	247.9	0.066	<20	0.96	0.176	0.11	<0.1	6.7	<0.02	<0.02	<5	0.1	<0.02	2.9	0.30	0.1
1076157	Rock	0.022	1.8	33.8	0.34	19.0	0.001	<20	0.39	0.002	0.02	<0.1	1.5	<0.02	<0.02	<5	0.2	<0.02	2.6	0.27	<0.1
1076158	Rock	0.036	4.0	7.6	0.38	223.7	0.002	<20	0.24	0.006	0.04	<0.1	0.7	<0.02	0.05	<5	0.3	<0.02	1.0	0.25	<0.1
1076252	Rock	0.042	4.1	19.2	1.20	154.3	0.024	<20	0.71	0.014	0.17	<0.1	8.7	0.43	<0.02	7	0.1	0.04	2.7	5.26	<0.1
1076151 Blank	Rock	0.079	14.5	2.9	0.47	133.7	0.122	<20	0.99	0.134	0.45	<0.1	1.6	0.30	<0.02	<5	<0.1	<0.02	4.9	2.60	0.1
1076029	Rock	0.233	15.7	109.7	1.26	137.8	0.151	<20	1.30	0.066	0.47	0.3	1.0	0.43	0.17	6	<0.1	0.06	7.0	3.92	0.1
1076030	Rock Pulp	0.028	29.7	251.5	0.28	91.3	0.006	<20	1.19	0.052	0.24	8.6	5.1	0.22	<0.02	26	0.2	<0.02	3.3	1.37	<0.1
1076031 Blank	Rock	0.078	16.0	5.2	0.47	148.1	0.120	<20	1.01	0.119	0.47	<0.1	2.0	0.30	<0.02	<5	0.2	<0.02	5.2	2.58	0.2
1076032	Rock	0.193	10.0	12.1	0.92	66.6	0.089	<20	1.31	0.122	0.30	0.1	2.0	0.13	<0.02	<5	0.3	<0.02	6.2	4.42	<0.1
1076033	Rock	0.220	14.7	100.9	1.77	48.6	0.121	<20	1.85	0.061	0.16	0.3	3.9	0.09	<0.02	<5	0.3	<0.02	8.5	2.67	0.1
1076034	Rock	0.191	14.6	101.3	1.79	38.6	0.114	<20	1.74	0.052	0.14	0.4	2.7	0.09	<0.02	<5	0.1	<0.02	8.3	0.84	0.1
1076035	Rock	0.122	2.6	4.3	0.78	79.4	0.094	<20	1.69	0.133	0.17	<0.1	1.6	0.10	<0.02	<5	<0.1	<0.02	5.6	3.36	<0.1

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

CERTIFICATE OF ANALYSIS WHI11000900.2

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	G6
Analyte		Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Au
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
MDL		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	0.005
1076013	Rock	0.11	0.23	4.3	0.5	<0.05	1.7	6.96	30.7	<0.02	1	0.3	11.6	<10	<2	<0.005
1076014	Rock Pulp	0.10	0.04	29.3	1.7	<0.05	3.0	9.57	33.8	0.05	28	0.5	6.6	21	<2	0.188
1076015	Rock	0.15	0.57	15.2	0.3	<0.05	2.5	3.34	7.3	<0.02	<1	0.5	3.5	<10	<2	<0.005
1076016	Rock	0.18	0.46	10.0	0.3	<0.05	3.0	4.16	9.9	<0.02	<1	0.5	0.8	<10	<2	<0.005
1076017	Rock	0.35	0.07	6.7	0.3	<0.05	10.3	10.58	25.6	0.03	2	0.6	4.2	<10	<2	<0.005
1076018	Rock	0.18	0.36	30.3	1.3	<0.05	4.0	9.01	35.5	0.02	<1	0.1	12.2	<10	<2	<0.005
1076019	Rock	0.25	0.12	9.0	0.4	<0.05	11.3	7.40	31.5	<0.02	<1	0.3	7.6	15	2	<0.005
1076020	Rock	0.11	0.08	10.7	0.2	<0.05	1.8	1.15	5.8	<0.02	1	0.3	0.3	<10	<2	<0.005
1076021	Rock	0.08	0.03	12.3	0.7	<0.05	1.9	5.43	33.2	0.06	<1	0.2	1.0	<10	<2	<0.005
1076022	Rock	0.06	<0.02	10.7	0.6	<0.05	1.8	5.53	31.8	0.04	1	0.2	0.8	<10	<2	<0.005
1076023	Rock	0.06	<0.02	8.2	0.6	<0.05	2.0	7.99	43.2	<0.02	<1	0.4	2.0	<10	<2	<0.005
1076024	Rock	0.09	0.04	12.5	0.7	<0.05	2.7	16.38	70.0	0.02	1	0.2	1.7	<10	<2	<0.005
1076025	Rock	0.12	0.03	3.6	0.7	<0.05	4.3	12.22	49.2	0.02	<1	0.9	1.1	<10	<2	<0.005
1076026	Rock	0.07	0.10	9.4	0.1	<0.05	1.2	3.17	13.5	<0.02	<1	0.1	0.7	<10	<2	<0.005
1076027	Rock	0.08	0.13	10.2	0.2	<0.05	2.1	7.37	8.5	<0.02	<1	0.6	2.2	<10	<2	<0.005
1076028	Rock	<0.02	0.07	4.8	0.5	<0.05	0.6	4.29	5.6	<0.02	3	0.3	0.4	*	<2	<0.005
1076056	Rock	0.20	0.05	9.3	0.4	<0.05	7.1	13.70	28.3	0.05	<1	1.4	7.4	<10	<2	<0.005
1076057	Rock	0.08	0.02	6.6	0.6	<0.05	4.7	12.05	36.6	<0.02	<1	0.8	7.5	<10	<2	<0.005
1076058	Rock	0.24	0.05	6.0	0.7	<0.05	6.2	10.99	39.1	0.02	<1	0.6	7.7	<10	<2	<0.005
1076157	Rock	<0.02	0.03	1.8	0.3	<0.05	0.3	1.25	3.8	<0.02	<1	0.2	5.3	<10	<2	0.005
1076158	Rock	<0.02	0.03	2.5	<0.1	<0.05	0.2	6.16	6.3	<0.02	<1	0.2	2.7	<10	<2	<0.005
1076252	Rock	0.17	0.06	58.0	0.9	<0.05	6.3	9.59	8.1	0.04	<1	0.4	3.6	<10	<2	<0.005
1076151 Blank	Rock	0.08	0.30	41.1	0.6	<0.05	1.3	5.21	25.7	<0.02	<1	0.2	29.0	<10	<2	<0.005
1076029	Rock	0.04	0.37	50.7	0.6	<0.05	4.6	5.88	28.3	0.03	<1	0.3	22.5	<10	3	<0.005
1076030	Rock Pulp	0.30	0.02	14.9	0.8	<0.05	11.6	8.69	59.5	0.02	<1	0.9	7.2	<10	2	0.088
1076031 Blank	Rock	0.09	0.42	41.3	0.7	<0.05	1.5	5.93	29.1	<0.02	<1	0.4	24.3	<10	<2	<0.005
1076032	Rock	0.03	0.07	26.9	0.3	<0.05	1.2	8.05	21.2	<0.02	<1	0.4	12.8	<10	<2	<0.005
1076033	Rock	0.05	0.18	10.6	0.6	<0.05	2.2	7.06	28.5	0.10	<1	1.4	14.8	<10	<2	<0.005
1076034	Rock	<0.02	0.26	6.6	0.4	<0.05	1.6	6.71	27.8	0.11	<1	0.8	23.4	<10	<2	<0.005
1076035	Rock	0.05	0.09	9.4	0.2	<0.05	0.9	2.74	4.7	<0.02	<1	0.5	21.9	<10	<2	<0.005

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

CERTIFICATE OF ANALYSIS WHI11000900.2

Method		WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		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	0.01
1076036	Rock	2.58	0.15	7.91	9.03	29.6	96	1.2	1.8	182	0.65	3.6	0.1	<0.2	0.1	43.2	0.11	0.44	<0.02	10	0.31
1076037	Rock	3.20	0.17	2.43	3.76	31.4	14	3.4	5.6	258	2.10	27.5	0.3	<0.2	4.0	152.8	0.07	4.23	0.03	51	1.12
1076038	Rock	2.70	0.12	7.01	4.83	52.8	40	2.5	5.5	475	2.50	11.1	0.3	0.3	0.7	71.0	0.05	0.98	0.07	35	0.60
1076039	Rock	3.80	0.20	3.71	5.80	19.0	20	0.7	0.7	170	0.77	4.7	1.4	1.0	7.0	9.8	0.04	1.52	0.12	3	0.06
1076159	Rock	1.81	0.50	3.99	6.67	58.8	20	5.8	7.1	625	2.38	1.2	1.6	4.2	7.3	18.8	0.14	0.03	0.10	40	0.14
1076160	Rock	3.36	0.28	0.98	7.87	30.4	34	1.8	0.6	201	0.58	0.7	0.7	1.0	5.2	9.9	0.03	<0.02	0.14	<2	0.04

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

CERTIFICATE OF ANALYSIS WHI11000900.2

Method		1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
MDL		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	0.1
1076036	Rock	0.051	0.9	3.2	0.30	38.9	0.022	<20	0.79	0.101	0.08	<0.1	0.3	0.03	<0.02	<5	<0.1	<0.02	4.6	7.81	<0.1
1076037	Rock	0.176	14.8	7.6	0.59	55.1	0.111	<20	1.12	0.066	0.07	0.1	3.1	<0.02	<0.02	<5	<0.1	<0.02	5.0	0.83	0.1
1076038	Rock	0.098	2.1	3.3	0.90	123.2	0.093	<20	1.69	0.094	0.11	<0.1	1.0	0.06	<0.02	<5	<0.1	<0.02	6.4	4.15	<0.1
1076039	Rock	0.009	7.2	1.2	0.24	34.3	0.032	<20	0.47	0.021	0.15	<0.1	1.1	0.04	<0.02	<5	<0.1	<0.02	2.4	1.11	<0.1
1076159	Rock	0.074	18.4	10.5	0.29	201.0	0.040	<20	1.01	0.087	0.31	<0.1	2.2	0.09	<0.02	<5	<0.1	<0.02	4.7	2.13	<0.1
1076160	Rock	0.004	9.8	1.3	0.03	117.3	0.001	<20	0.45	0.040	0.27	0.2	0.4	0.06	<0.02	11	<0.1	<0.02	1.2	0.67	<0.1

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

CERTIFICATE OF ANALYSIS WHI11000900.2

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	G6
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Au
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
	MDL	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	0.005
1076036	Rock	0.02	0.09	4.4	0.2	<0.05	0.2	2.39	1.9	<0.02	<1	0.4	9.4	<10	<2	<0.005
1076037	Rock	0.12	0.40	2.9	0.5	<0.05	2.1	5.17	22.6	<0.02	<1	0.4	12.8	<10	<2	<0.005
1076038	Rock	<0.02	0.72	6.9	0.2	<0.05	0.3	2.25	3.8	<0.02	<1	0.5	25.6	<10	<2	0.007
1076039	Rock	0.06	0.53	4.1	0.8	<0.05	1.9	3.96	12.9	<0.02	<1	0.2	5.8	<10	<2	<0.005
1076159	Rock	0.08	0.22	22.2	1.6	<0.05	3.8	4.07	36.3	<0.02	<1	0.4	6.7	<10	<2	<0.005
1076160	Rock	0.12	0.22	12.9	0.4	<0.05	3.7	2.28	18.1	<0.02	<1	0.7	1.4	<10	<2	<0.005

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

QUALITY CONTROL REPORT WHI11000900.2

	Method	WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	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	0.01
Pulp Duplicates																					
REP 1076022	QC		0.11	2.33	13.59	8.6	6	0.7	0.5	31	1.07	21.7	1.7	0.5	21.7	44.4	0.01	0.70	0.05	10	0.01
1076024	Rock	3.30	0.31	4.23	5.12	33.8	19	3.7	3.0	606	1.34	2.2	1.6	<0.2	30.2	13.0	0.01	0.80	0.05	15	0.15
REP 1076024	QC																				
1076058	Rock	4.03	0.71	28.05	3.72	53.2	47	52.5	16.2	670	3.14	1.0	0.4	0.6	2.6	186.1	0.08	0.02	0.02	73	2.03
REP 1076058	QC		0.71	28.15	3.91	56.1	46	54.0	15.7	680	3.21	1.0	0.5	0.8	2.9	195.7	0.08	<0.02	0.02	75	2.10
1076159	Rock	1.81	0.50	3.99	6.67	58.8	20	5.8	7.1	625	2.38	1.2	1.6	4.2	7.3	18.8	0.14	0.03	0.10	40	0.14
REP 1076159	QC																				
Core Reject Duplicates																					
1076022	Rock	2.94	0.16	2.35	14.48	9.2	9	0.9	0.5	34	1.13	23.6	1.8	0.7	23.1	47.4	<0.01	0.88	0.06	11	0.02
DUP 1076022	QC		0.19	2.46	14.48	9.3	9	1.1	0.5	35	1.16	23.0	1.8	0.3	22.6	44.5	0.02	0.82	0.05	11	0.01
Reference Materials																					
STD DS8	Standard		12.05	107.1	115.9	308.2	1778	36.6	6.9	603	2.45	26.1	2.7	93.1	6.2	69.9	2.35	3.84	6.41	41	0.69
STD DS8	Standard		13.14	107.4	124.4	315.4	1746	37.7	7.7	611	2.40	26.5	2.6	113.3	6.7	65.9	2.43	4.08	6.56	40	0.73
STD OREAS45CA	Standard		0.73	473.7	19.08	58.7	255	231.7	83.0	907	15.11	3.2	1.1	40.6	6.6	16.2	0.09	0.07	0.18	197	0.41
STD OREAS45CA	Standard		0.79	512.8	20.36	61.1	262	255.3	90.4	915	16.34	4.4	1.2	42.3	7.2	15.7	0.11	0.07	0.19	208	0.43
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXK79	Standard																				
STD OXK79	Standard																				
STD DS8 Expected			13.44	110	123	312	1690	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected			1	494	20	60	275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215	0.4265
STD OXH82 Expected																					
STD OXK79 Expected																					
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
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
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
BLK	Blank																				
BLK	Blank																				

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

QUALITY CONTROL REPORT WHI11000900.2

		Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga	Cs	Ge
		Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm	ppm
		MDL	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	0.1
Pulp Duplicates																						
REP 1076022	QC		0.028	14.7	3.5	0.01	178.3	<0.001	<20	0.28	0.085	0.20	<0.1	1.4	0.60	0.25	208	0.2	<0.02	1.4	0.89	<0.1
1076024	Rock		0.045	36.1	5.5	0.06	106.9	0.009	<20	0.34	0.063	0.13	<0.1	3.6	0.12	<0.02	18	0.1	<0.02	1.3	2.84	<0.1
REP 1076024	QC																					
1076058	Rock		0.160	20.2	76.1	1.63	247.9	0.066	<20	0.96	0.176	0.11	<0.1	6.7	<0.02	<0.02	<5	0.1	<0.02	2.9	0.30	0.1
REP 1076058	QC		0.167	21.0	80.7	1.69	262.2	0.068	<20	1.00	0.181	0.11	<0.1	6.8	<0.02	<0.02	<5	0.1	<0.02	3.0	0.31	0.1
1076159	Rock		0.074	18.4	10.5	0.29	201.0	0.040	<20	1.01	0.087	0.31	<0.1	2.2	0.09	<0.02	<5	<0.1	<0.02	4.7	2.13	<0.1
REP 1076159	QC																					
Core Reject Duplicates																						
1076022	Rock		0.029	15.6	3.7	0.01	193.5	0.001	<20	0.29	0.089	0.21	<0.1	1.5	0.65	0.26	227	0.2	<0.02	1.5	0.95	<0.1
DUP 1076022	QC		0.029	15.4	4.1	0.01	178.9	<0.001	<20	0.27	0.082	0.20	<0.1	1.5	0.63	0.26	218	<0.1	<0.02	1.3	0.89	<0.1
Reference Materials																						
STD DS8	Standard		0.081	14.8	116.9	0.61	277.0	0.115	<20	0.91	0.088	0.41	2.6	2.1	4.93	0.17	184	5.4	4.53	4.7	2.26	0.1
STD DS8	Standard		0.076	15.8	118.0	0.62	299.3	0.111	<20	0.94	0.099	0.42	2.3	2.1	5.33	0.17	182	5.5	5.01	4.9	2.47	<0.1
STD OREAS45CA	Standard		0.039	16.2	667.6	0.14	155.7	0.134	<20	3.61	0.012	0.08	<0.1	36.2	0.06	0.03	30	0.3	0.07	17.9	1.05	0.1
STD OREAS45CA	Standard		0.038	16.1	748.9	0.15	163.2	0.138	<20	3.82	0.006	0.07	<0.1	38.2	0.07	0.02	25	0.9	0.05	19.5	1.22	0.2
STD OXH82	Standard																					
STD OXH82	Standard																					
STD OXK79	Standard																					
STD OXK79	Standard																					
STD DS8 Expected			0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	2.3	5.4	0.1679	192	5.23	5	4.7	2.48	0.13
STD OREAS45CA Expected			0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		39.7	0.07	0.021	30	0.5	0.06	18.4	1.03	0.11
STD OXH82 Expected																						
STD OXK79 Expected																						
BLK	Blank		<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	<0.1
BLK	Blank		<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	<0.1
BLK	Blank		<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	<0.1
BLK	Blank																					
BLK	Blank																					

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

QUALITY CONTROL REPORT WHI11000900.2

	Method	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	G6
	Analyte	Hf	Nb	Rb	Sn	Ta	Zr	Y	Ce	In	Re	Be	Li	Pd	Pt	Au
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppb	ppb	gm/t
	MDL	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	0.005
Pulp Duplicates																
REP 1076022	QC	0.05	<0.02	9.6	0.5	<0.05	1.4	5.20	29.5	0.04	<1	0.2	0.7	<10	<2	
1076024	Rock	0.09	0.04	12.5	0.7	<0.05	2.7	16.38	70.0	0.02	1	0.2	1.7	<10	<2	<0.005
REP 1076024	QC															<0.005
1076058	Rock	0.24	0.05	6.0	0.7	<0.05	6.2	10.99	39.1	0.02	<1	0.6	7.7	<10	<2	<0.005
REP 1076058	QC	0.24	0.04	6.4	0.6	<0.05	6.4	11.65	40.4	0.04	<1	1.0	7.8	<10	<2	
1076159	Rock	0.08	0.22	22.2	1.6	<0.05	3.8	4.07	36.3	<0.02	<1	0.4	6.7	<10	<2	<0.005
REP 1076159	QC															<0.005
Core Reject Duplicates																
1076022	Rock	0.06	<0.02	10.7	0.6	<0.05	1.8	5.53	31.8	0.04	1	0.2	0.8	<10	<2	<0.005
DUP 1076022	QC	0.05	0.02	9.6	0.5	<0.05	1.5	5.34	30.8	0.04	<1	0.4	0.7	<10	<2	<0.005
Reference Materials																
STD DS8	Standard	0.05	0.76	37.5	6.9	<0.05	1.7	5.62	25.7	2.28	45	5.4	27.7	105	320	
STD DS8	Standard	0.07	0.81	38.6	6.7	<0.05	1.7	5.79	29.6	2.19	53	4.9	22.9	119	336	
STD OREAS45CA	Standard	0.49	0.15	8.4	1.8	<0.05	20.3	8.12	33.9	0.08	<1	0.6	7.0	22	56	
STD OREAS45CA	Standard	0.45	0.11	9.5	1.9	<0.05	18.3	8.29	35.2	0.08	<1	0.8	8.0	55	58	
STD OXH82	Standard															1.225
STD OXH82	Standard															1.349
STD OXK79	Standard															3.725
STD OXK79	Standard															3.752
STD DS8 Expected		0.08	1.1	39	6.7	0.003	2.1	6.1	29.8	2.19	55	5.2	26.34	110	339	
STD OREAS45CA Expected		0.5	0.22	8.2	1.8		21.6	7.84	35	0.09			6.2	36	61	
STD OXH82 Expected																1.278
STD OXK79 Expected																3.532
BLK	Blank	<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	<0.02	<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	<0.02	<0.02	<0.1	<0.1	<0.05	<0.1	<0.01	0.5	<0.02	<1	<0.1	<0.1	<10	<2	
BLK	Blank															<0.005
BLK	Blank															<0.005

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

QUALITY CONTROL REPORT WHI11000900.2

		WGHT	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F	1F
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		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	0.01
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		0.29	3.99	2.99	44.3	15	3.6	3.9	558	1.91	0.3	1.6	1.2	5.4	81.1	0.02	0.04	0.07	32	0.51
G1	Prep Blank		0.18	3.75	3.23	46.2	11	2.6	3.8	568	1.92	0.2	1.6	0.4	5.9	80.7	0.01	0.02	0.08	32	0.50

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

QUALITY CONTROL REPORT WHI11000900.2

		1F P % 0.001	1F La ppm 0.5	1F Cr ppm 0.5	1F Mg % 0.01	1F Ba ppm 0.5	1F Ti % 0.001	1F B ppm 20	1F Al % 0.01	1F Na % 0.001	1F K % 0.01	1F W ppm 0.1	1F Sc ppm 0.1	1F Tl ppm 0.02	1F S % 0.02	1F Hg ppb 5	1F Se ppm 0.1	1F Te ppm 0.02	1F Ga ppm 0.1	1F Cs ppm 0.02	1F Ge ppm 0.1
BLK	Blank																				
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	0.081	11.2	7.6	0.51	160.5	0.124	<20	0.97	0.114	0.45	<0.1	1.7	0.27	<0.02	<5	0.1	<0.02	4.8	2.73	0.1
G1	Prep Blank	0.085	13.4	4.7	0.50	162.1	0.129	<20	0.96	0.116	0.45	<0.1	1.6	0.29	<0.02	<5	<0.1	<0.02	4.9	2.84	0.1

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.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

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

Project: 210700
Report Date: December 29, 2011

QUALITY CONTROL REPORT WHI11000900.2

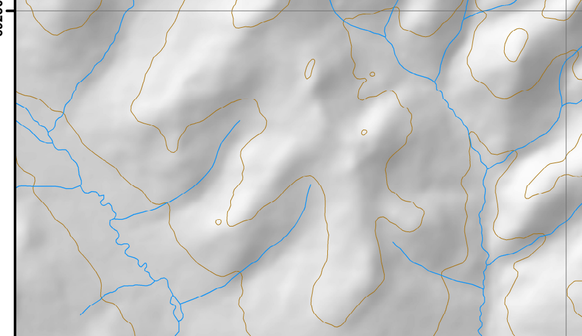
		1F Hf ppm 0.02	1F Nb ppm 0.02	1F Rb ppm 0.1	1F Sn ppm 0.1	1F Ta ppm 0.05	1F Zr ppm 0.1	1F Y ppm 0.01	1F Ce ppm 0.1	1F In ppm 0.02	1F Re ppb 1	1F Be ppm 0.1	1F Li ppm 0.1	1F Pd ppb 10	1F Pt ppb 2	G6 Au gm/t 0.005
BLK	Blank															<0.005
BLK	Blank															<0.005
Prep Wash																
G1	Prep Blank	0.09	0.26	43.0	0.5	<0.05	1.3	4.80	20.3	0.03	2	0.1	29.7	<10	<2	<0.005
G1	Prep Blank	0.09	0.23	43.9	0.6	<0.05	1.2	5.17	23.9	<0.02	<1	0.3	29.5	<10	<2	0.007

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.

350000 355000 360000 365000

6945000 6940000 6935000 6930000 6925000

N



Big Creek Claims
Rivers
Lakes
500 Ft Contour Intervals

Soil Samples

- Ah
- Ms

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Soil Sample Locations

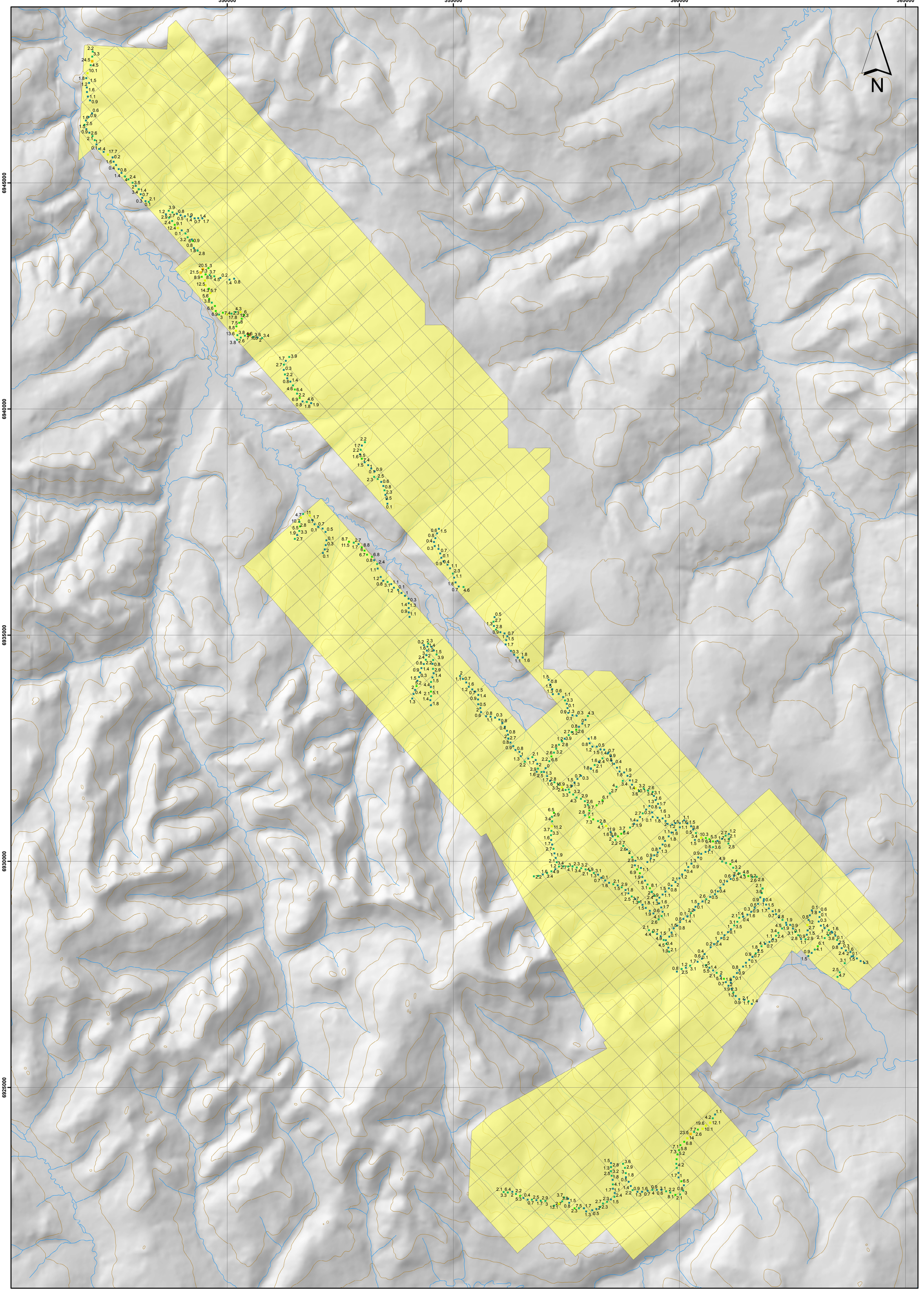
1:40,000

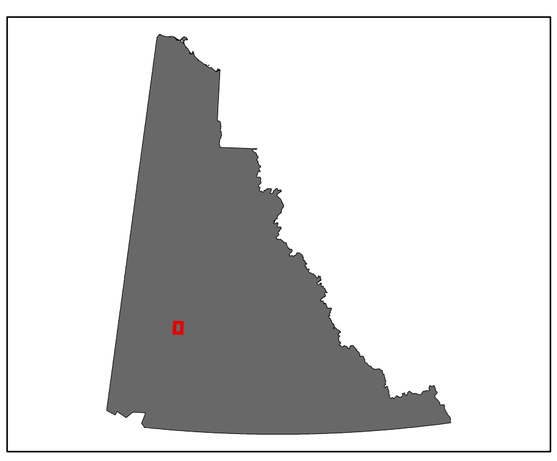
DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 6
DATE: May 24, 2012	DRAWN BY: A. Hansen	

350000 355000 360000 365000

6945000 6940000 6935000 6930000 6925000

N





Big Creek Claims
Rivers
Lakes
500 Ft Contour Intervals

Soil - Au PPB

- < 2
- 2 - 5
- 5 - 10.
- 10 - 20
- 20 - 50
- 50 - 100
- > 100

Teck

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Soil - Au PPB

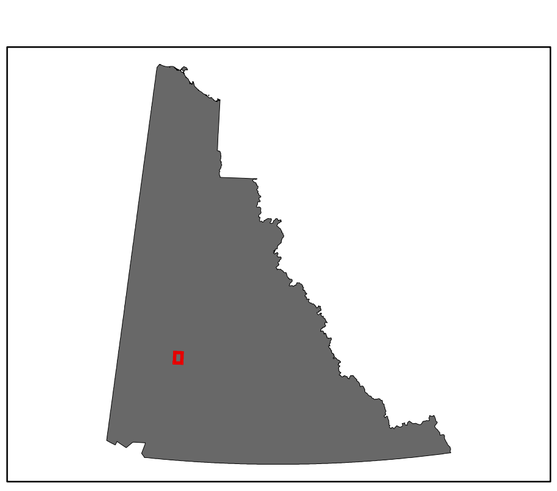
1:40,000

DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 7a
DATE: May 24, 2012	DRAWN BY: A. Hansen	

350000 355000 360000 365000

6945000 6940000 6935000 6930000 6925000

N



Big Creek Claims
Rivers
Lakes
500 Ft Contour Intervals

Soil - Ag PPB

- < 50
- 50 - 100
- 100 - 200
- 200 - 500
- 500 - 1000
- 1000 - 2000
- > 2000

Teck

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Soil - Ag PPB

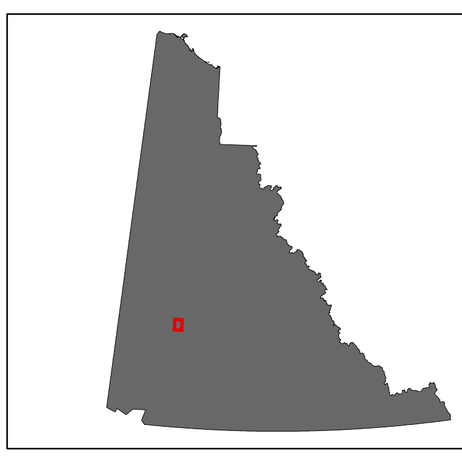
1:40,000

DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 7b
DATE: May 24, 2012	DRAWN BY: A. Hansen	

350000 355000 360000 365000

6945000 6940000 6935000 6930000 6925000

N



Big Creek Claims
Rivers
Lakes
500 Ft Contour Intervals

Soil - Cu PPM

- < 10
- 10 - 20
- 20 - 40
- 40 - 60
- 60 - 80
- 80 - 100
- > 100

Teck

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

Big Creek Property

Whitehorse Mining District/Yukon Territory

Soil - Cu PPM

1:40,000

DATUM: NAD83	PROJECTION: UTM Zone 8N	Figure: 7c
DATE: May 24, 2012	DRAWN BY: A. Hansen	