GEOCHEMICAL ASSESSMENT REPORT

for work performed on the

EXPO PROPERTY

HOME 2	YB47361	EXPO 169 - 180	YB52118 - YB52129
POP 5 - 8	YB47650 - YB47653	EXPO 189 - 200	YB52138 - YB52149
POP 19 - 26	YB47654 - YB47661	EXPO 202	YB52151
FLY 9 - 14	YB47662 - YB47667	EXPO 219 & 221	YB52168 & YB52170
EXPO 9	YB51960	EXPO 223 -232	YB52172 - YB52181
EXPO 29 - 30	YB51980 - YB51981	EXPO 239 - 249	YB52188 - YB52198
EXPO 32	YB51983	EXPO 256 - 271	YB52205 - YB52220
EXPO 47 - 52	YB51998 - YB52003	LYNX 1 - 18	YC97545 - YC97562
EXPO 65 - 69	YB52016 - YB52020	ORE 1 - 8	YC97563 - YC97570
EXPO 77 - 78	YB52028 - YB52029	LYNX 19 - 54	YD31019 - YD31054
EXPO 81	YB52032	BEAR 1 - 76	YD31055 - YD31130

NTS 105G01
Latitude 61° 13' N; Longitude 139° 15' W

in the

Watson Lake Mining District
Yukon Territory

prepared by:

SCOTT BERDAHL

Claims owned by:

RON S. BERDAHL
& JAMES SCOTT BERDAHL

Work performed:

JULY 8 - 14, 2011

CONTENTS

INTRODUCTION

The Expo property (Yukon *MINFILEs* 105G 082, 136 & 138) is located in the Finlayson Lake VMS district in the southeastern Yukon Territory, and is owned by Ron Berdahl. The property covers several promising prospects and showings, geochemical and geophysical anomalies, and favourable stratigraphy to host VMS deposits.

This report describes the June 2011 soil sampling program conducted on the POP area of the Expo property by 18526 Yukon Inc. The survey was designed to recreate and verify promising geochemical data from a past geochemical grid that was not well documented. The primary author selected sample locations and supervised the 2011 field program. A grid of 478 samples was collected over a 2500 by 900 m area. Results of the survey confirm the presence of a large copper anomaly with associated silver and lead anomalies, and delineate a prospective new zinc and barite anomaly across a previously unsampled area.

WORK HISTORY

In 1975 Cyprus Anvil Mining Corp. staked claims on Akhurst Creek (Yukon MINFILE 105G082), now a part of the Expo property, and conducted grid soil sampling and a ground-based magnetic survey. The claims were restaked in 1988 by Archer Cathro and Welcome North, who prospected and conducted minor soil sampling in the Akhurst area (MacRobbie, 1995a).

Ron Berdahl began prospecting the area in the early 1990's, locating an outcrop of 17% combined Pb-Zn sulphide mineralization between the current "White Creek" and "POP" prospects, and a thick occurrence of bedded barite along the ridge to the south of Akhurst Creek.

Following Berdahl's discoveries and an airborne survey, Cominco Ltd. entered into an agreement with Berdahl to explore the area. From 1994 through 1998 Cominco conducted a series of ground magnetic and HLEM surveys, soil geochemistry grids, geological mapping and prospecting programs, focusing on several prospective areas: the POP, FLY, HOME, BASE, Akhurst Creek & White Creek. In 1996 and 1997 Cominco drilled 5 holes on the current Expo property, on the POP, White Creek and Akhurst areas. Cominco dropped the option after their 1998 field season and returned the property to Ron Berdahl, concluding, however, that Expo remained a significant VMS target. (Cominco reports: MacRobbie, 1995a; MacRobbie, 1995b; Jackisch, 1995; Tulk, 1997; Bannister, 1997; MacRobbie, 1999)

Further prospecting in 2003 by Berdahl returned a float sample of bedded VMS mineralization grading 13.53% Zn & 44.5 g/t Ag from 700 m west (upstream) of the White Creek drill sites, as

well as a soil line returning strongly anomalous precious metal and Zn values over 500 m along the ridge top to the south of Akhurst Creek (Berdahl, 1994). A follow up soils grid in 2005 revealed a roughly 800 by 300 m Zn-Au anomaly adjacent to the bedded barite occurrence. A second, adjoining grid completed to the NE in 2009 over the Akhurst Creek area did not extend the Zn-Au anomaly but returned strong Pb and Ag values over a broad area.

PROPERTY INFORMATION

The Expo property comprised 260 mineral claims at the time of the 2011 soils survey. All claims are currently registered with the Watson Lake Mining Recorder in the names of Ron S. Berdahl and James Scott Berdahl (Table 1). Six additional claims (ORE 9 - 14) were added to the property concurrently with the 2011 soils program (Figure 2). The 2011 soils survey was conducted and paid for by 18526 Yukon Inc.

Table 1 - Claim Tenure Information

Claim Name	***Grant Numbers***	***Owner***
HOME 2	YB47361	Ron S. Berdahl - 100%
POP 5 - 8	YB47650 - YB47653	Ron S. Berdahl - 100%
POP 19 - 26	YB47654 - YB47661	Ron S. Berdahl - 100%
FLY 9 - 14	YB47662 - YB47667	Ron S. Berdahl - 100%
EXPO 9	YB51960	Ron S. Berdahl - 100%
EXPO 29 - 30	YB51980 - YB51981	Ron S. Berdahl - 100%
EXPO 32	YB51983	Ron S. Berdahl - 100%
EXPO 47 - 52	YB51998 - YB52003	Ron S. Berdahl - 100%
EXPO 65 - 69	YB52016 - YB52020	Ron S. Berdahl - 100%
EXPO 77 - 78	YB52028 - YB52029	Ron S. Berdahl - 100%
EXPO 81	YB52032	Ron S. Berdahl - 100%
EXPO 169 - 180	YB52118 - YB52129	Ron S. Berdahl - 100%
EXPO 189 - 200	YB52138 - YB52149	Ron S. Berdahl - 100%
EXPO 202	YB52151	Ron S. Berdahl - 100%
EXPO 219 & 221	YB52168 & YB52170	Ron S. Berdahl - 100%
EXPO 223 -232	YB52172 - YB52181	Ron S. Berdahl - 100%
EXPO 239 - 249	YB52188 - YB52198	Ron S. Berdahl - 100%
EXPO 256 - 271	YB52205 - YB52220	Ron S. Berdahl - 100%
LYNX 1 - 18	YC97545 - YC97562	James Scott Berdahl - 100%
ORE 1 - 8	YC97563 - YC97570	James Scott Berdahl - 100%
LYNX 19 - 54	YD31019 - YD31054	Ron S. Berdahl - 100%
BEAR 1 - 76	YD31055 - YD31130	Ron S. Berdahl - 100%

LOCATION AND ACCESS

The Expo property is located 265 km east-northeast of Whitehorse, and 150 km northwest of Watson Lake, in the southeastern Yukon (Figure 1), latitude 61° 13' N longitude 130° 15' W, on NTS 1:50k mapsheet 105G01. The Robert Campbell Highway runs approximately 30 km to the east of the property, the Wolverine Mine access route is within 20 km to the northeast, and Yukon Zinc Corp.'s mill facilities are roughly 25 km north of the property.

Access to the 2011 soils program was provided by Kluane Airways Ltd. using a Hughes 500D helicopter from Finlayson Lake. Demobilization of the 6-person fly camp was provided by Canadian Helicopters Ltd. with an A-STAR helicopter. At present, helicopter access is the most practical way of accessing the property.

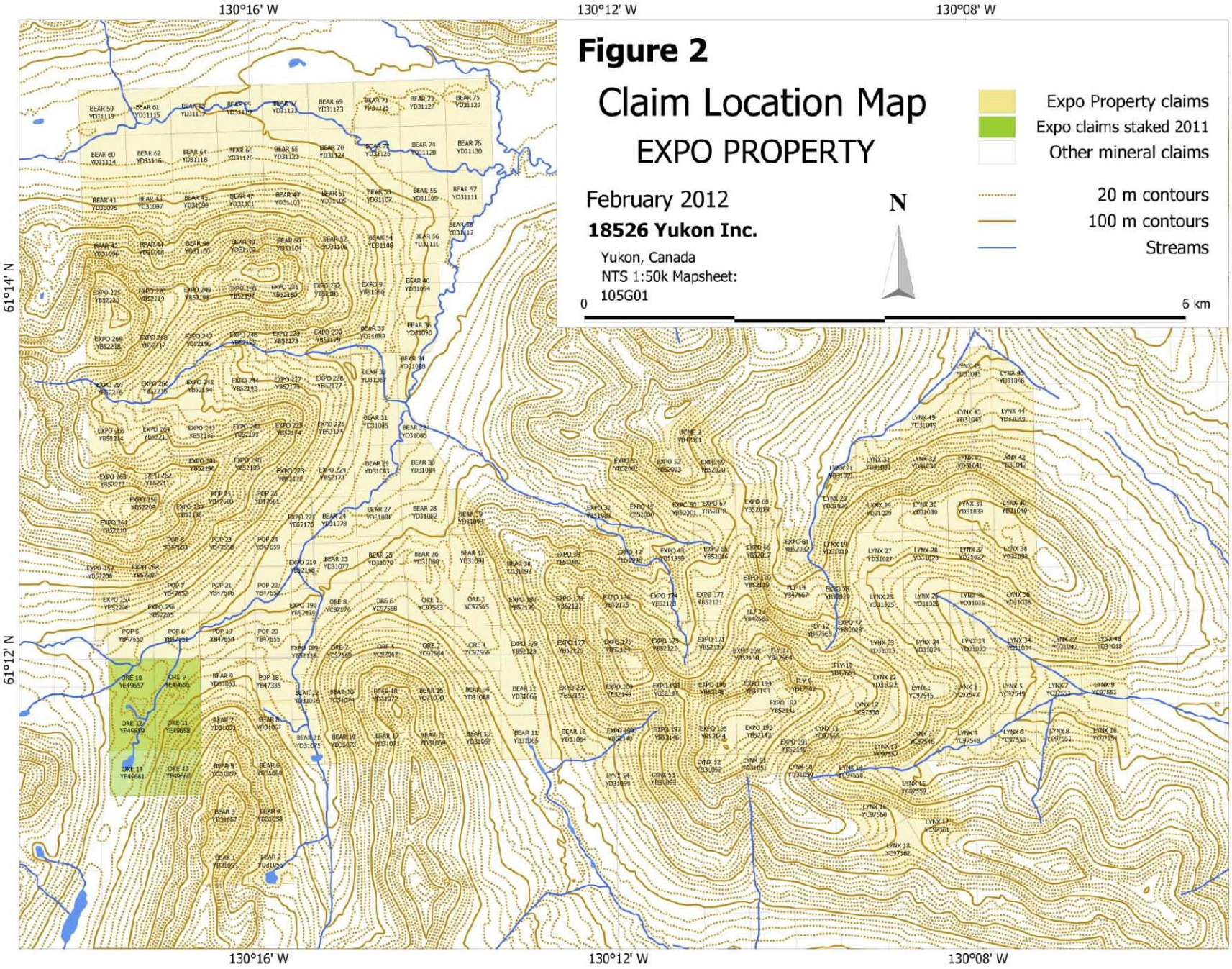


Figure 2
Claim Location Map
EXPO PROPERTY
February 2012
18526 Yukon Inc.
Yukon, Canada
NTS 1:50k Mapsheet:
105G01
Expo Property claims
Expo claims staked 2011
Other mineral claims
20 m contours
100 m contours
Streams
N
0
6 km
130°16' W
130°12' W
130°08' W
61°14' N
61°12' N

PHYSIOGRAPHY

The Expo property is located in the Simpson Range of the Pelly Mountains, 25 kilometers south of Wolverine Lake. The property covers several small mountain clusters separated by broad glacial valleys. Elevations range from 2000 m (6560 ft) along the highest ridge (near the FLY zone) to a low of 1180 m (3870 ft) in the wide, east-west valley draining the north end of the claims. Treeline varies, but black spruce and fir forests generally give way to dwarf birch and willow above 1340 m (4400 ft) and transition into alpine grasses and moss at higher altitudes.

Summers in the area are generally warm and relatively dry, though conditions can vary considerably hour-by-hour and throughout the season. Mid and late summer temperatures peak in the high 20's to just over 30 °C, though average daily highs are generally 15-20 °C. Afternoon showers are common, and while annual precipitation amounts to about 40 cm, wet conditions can last for days. The practical summer exploration season varies from year to year but generally runs from late May/early June through to mid-September. Winters are cold; temperatures range from around freezing to below -40 °C.

Bedrock exposure across the property is generally limited to stream channels, steep local slopes and high ridges.

REGIONAL GEOLOGY

The Expo property, along with much of the Finlayson Lake VMS district, is located in a section of the Yukon-Tanana terrane ~400 km dextrally offset from the main body of the terrane by the northwest-southeast striking Tintina Fault. It is overlain to the northeast by the Slide Mountain terrane, which is juxtaposed to upper Proterozoic-Paleozoic sequences of the Selwyn Basin (Colpron, 2011).

The Yukon Tanana terrane is a large, polygenetic body, comprising Upper Devonian to Lower Mississippian metavolcanic and metasedimentary arc to back-arc sequences. In the Finlayson Lake district, it is organized into two main successions, Grass Lakes and Wolverine, separated by an Early Mississipian angular unconformity (Murphy, 1999). The Grass Lakes succession, comprising polydeformed felsic and mafic meta-volcanic units, carbonaceous meta-clastic units, marble and granitic orthogneiss associated with the Mid-Late Paleozoic initiation and development of the northern Cordilleran marginal back-arc basin (Murphy, 1999; Piercey, 2004), is host to the Kudz Ze Kayah, Fyre Lake, and GP4F deposits. Above the unconformity, singularly deformed carbonaceous meta-clastic units and quartz- and feldspar-phyric felsic meta-volcanic units of the Wolverine succession are host to the Wolverine deposit (Murphy, 1999). The Wolverine and overlying Campbell succession have been interpreted to represent a transition

from an Early Mississippian ensialic barck-arc basin through to a Pennsylvanian-Permian sea-floor spreading environment (Piercey, 2001).

Good overview maps of Expo area and Finlayson Lake regional geology can be found in Murphy (2000), figures 2 and 11. The figures are both derived from Murphy and Pierce's work as summarized in YGS Open File 1999-4 (Murphy, 1999b).

LOCAL GEOLOGY

The Expo property is underlain by units the Grass Lakes and succession, and possibly units of the Wolverine succession, and is crosscut by the Money Fault – a 30 km offset thrust displaying strong spatial correlations with known VMS deposits in the area (Murphy, 2000). Overall property geology is best described in Cominco's 1990s reports. MacRobbie (1995b, 1998) has drawn correlations between units hosting the Wolverine deposit and those found at Expo, though further geological investigation and interpretation in light of more recent studies (Murphy & Piercey) would prove useful in establishing the natures of the property's various units and structures.

The POP area was mapped in some detail by MacRobbie (1995b). The southern edge of the area (and 2011 soils survey) overlies a Mississippian granitoid intrusive body belonging to the Simpson Range Plutonic Suite. North of this, a thick, SSW striking , shallow to moderately dipping sequence of massive felsic flows and mixed felsic tuffs and argillaceous sediments constitutes the bulk of the north-south trending ridge. The north end of the area/2011 survey is underlain by a mixed sequence of interbedded, massive quartz-sericite-feldspar-chlorite schists and phyllitic schists separated by intervals of phyllitic, argillaceous siltstones and mudstones. Also present in the north are minor, intermediate-mafic flow/tuff units with local cal-silicate hornsfelsing.

Cominco's 1996 drill program tested anomalies in the north and central parts of the POP area (Figure 3), intersecting favorable felsic volcanic units interbedded with argillaceous layers, with wispy and disseminated sulphides, as well as elevated silver values (Tulk, 1997).

SURVEY DESCRIPTION

The 2011 Expo soils sampling program was conducted from the 9th to the 13th of July by a team of four workers hired, trained and supervised by 18526 Yukon Inc, as well as the author. A cook was also present in camp. Move-in and demobilization took place on the 8th and 14th of July, respectively. The survey grid was accessed each day on foot, with each sampler hiking to his line from a fly camp on the eastern edge of the grid. The author staked several claims concurrently with the survey on the 12th of July, expanding the property boundary to the west.

The southern POP zone, target of the 2011 soils program, covers a north-south ridge east of Waters Creek, and much of the valley immediately north of the ridge (Figure 3). The POP area was selected in order to verify/recreate Cominco's 7E & 7F grids over the POP area. Geochemical values for grid 7F do not appear to have been reported in Cominco's assessment report for the 1996 field season (MacRobbie, 1995b). Unfortunately, soil samples ED0750 to ED0950 from the 2011 survey, which would have overlain Cominco's PO96-02 drill site, were missed.

Soil samples were taken at 50 m intervals along north-south oriented survey lines spaced at 100 m and running for 2.5 kilometers. In total, 478 samples were collected and analyzed from 10 lines, covering a 2500 by 900 m area. Soil conditions varied considerably across the survey. These include glacial & glaciofluvial deposits sporadically encountered at low elevations on the northern and northeastern edges of the survey, thick, frozen organics along the far north of the survey, samples of fines taken on active or vegetated scree slopes, and well-developed profiles with local source materials. Sampling targeted the "C" horizon. At all sites, regardless of profile, samplers targeted the deepest mineral soil available. Sample depths ranged from 5 to 130 cm, averaging 48 cm throughout the survey.

Soil augers were the primary tool used for sample collection, though picks and shovels were also used to assist with collection. Tools were cleaned of residual soil between sampling stations. At each station, samples were laid on a clean plastic sheet to be photographed and described before being collected into KRAFT 4 x 6" paper sample bags. Precise sample locations were recorded at the time of sampling using handheld GPS units. Each sample site was also photographed and marked with labeled orange flagging tape.

Samples were air dried briefly at camp and then in a dry facility (diurnal summer temperatures ~ 5 to 20 °C) before being delivered to ACME Analytical Labs in Whitehorse, Yukon. Each sample was screened by ACME to 180 microns and shipped Vancouver, British Columbia for analysis. Thirty gram pulps were processed using hot (95 °C) Aqua Regia digestion and analysed for 36 elements (ACME's "1DX3" package). After analysis, ACME disposed of the samples.

Figure 3

Soil Sample Location Map

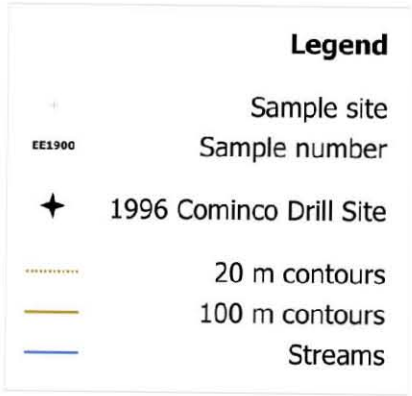
EXPO PROPERTY

"POP" Area Soils Survey

Conducted
July 9-13, 2011

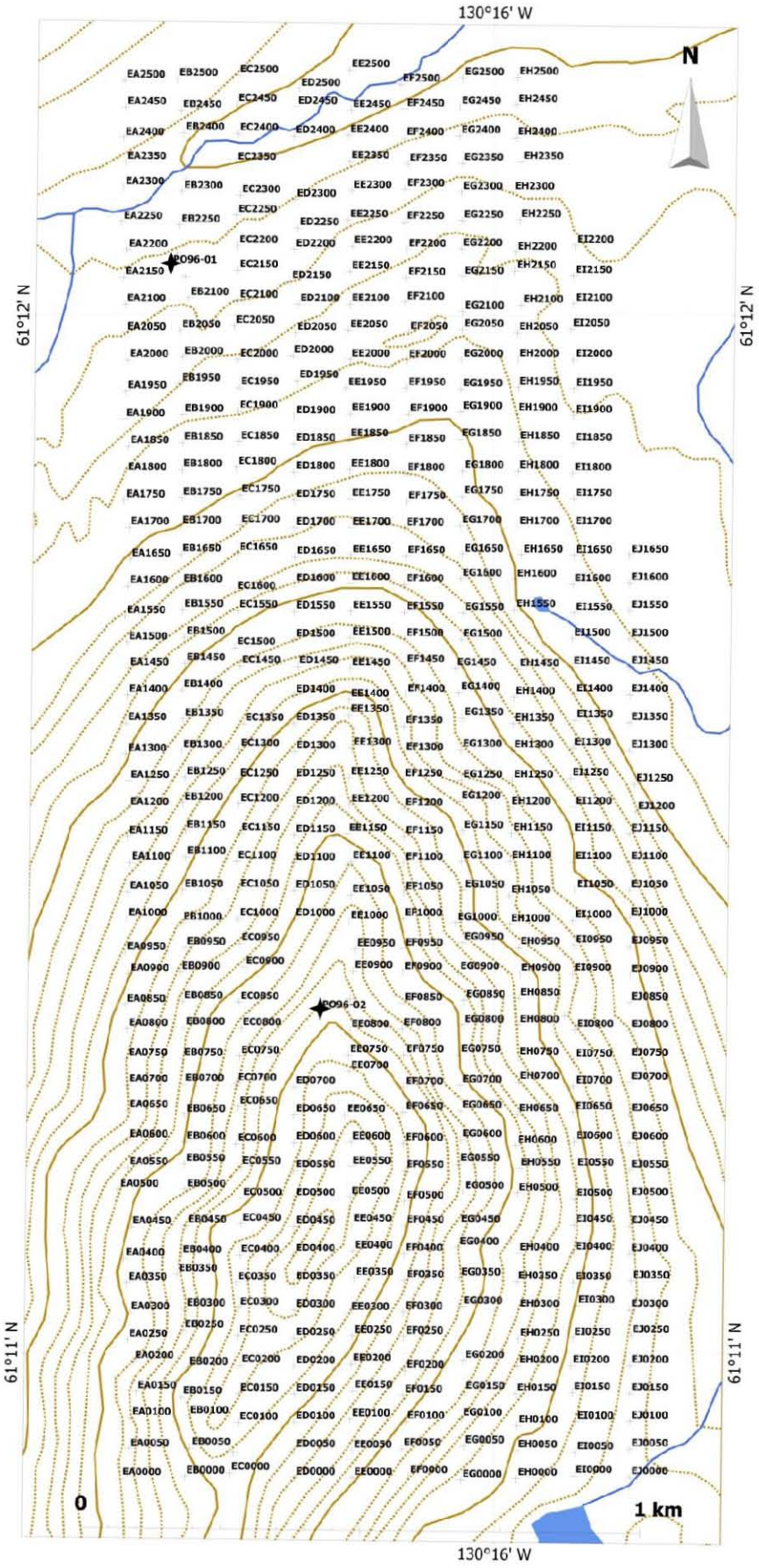
by

18526 Yukon Inc.



Yukon Territory, Canada

NTS 1:50k Mapsheet:
105G01



RESULTS

The 2011 soils survey returned anomalous values for Zn (to 2879 ppm), Cu (to 656.7 ppm), Pb (to 321.7 ppm) and Ba (to 8602 ppm), with lesser Ag anomalies Ag (to 6.5 ppm) and a few Au kicks (to 77.8 ppb). Other elements have yet to be scrutinized.

Copper values represent perhaps the most significant anomaly encountered in the survey, with elevated values (mostly > 200 ppm) across a 1.2 km by 0.75 km area, with the highest values around 300 m south of drill hole PO96-02. Elevated silver values correlate with the Cu anomaly, and multi-sample lead anomaly coincides with the zone of peak Cu values.

Zinc values are highest towards the northeastern part of the survey, in a region on and between Cominco's 7E & 7F grids, near the base of the north-south ridge. These values are flanked by a strong barite anomaly.

Geochemical results of the 2011 geochemical survey are displayed as maps showing Zn, Cu, Pb, Ag, Ba & Au concentrations in Appendix A, and the original 36 element assay reports from ACME Analytical Labs are attached as Appendix B. Sample coordinates and field notes are included as an excel spreadsheet on the accompanying compact disk (CD). In this report, data is presented and interpreted as-is; future work to better correlate soil results with underlying geology, morphological features and soil profile types could prove very useful in delineating mineralized trends.

INTERPRETATION AND CONCLUSIONS

Maximum values encountered in the 2011 POP soils survey for Cu, Zn, Ag and Pb all exceed those reported from Cominco's 1995 sampling of the POP area 7F grid (MacRobbie, 1995b). (This may simply be a result of the deeper, C-horizon sampling methods employed in the 2011 survey, or it may reflect the more comprehensive sampling density covering areas between Cominco's survey lines.) Though precise geochemical results from Cominco's 7F grid are not presently available, results of the 2011 survey generally confirm Cominco's qualitative findings, outlining a broad zone of anomalous Cu geochemistry with associated Ag. However, while Cominco reported a paucity of high Pb values, the 2011 survey revealed several healthy Pb anomalies within the broader zone of anomalous Cu. Additionally, the 2011 survey failed to duplicate strong Zn values as reported by Cominco corresponding to the Cu anomaly.

A roughly 600 m, northwest-southeast trending zone of anomalous Zn values (near the 1500 m contour on the northwestern side of the POP ridge) corresponds to an HLEM conductor detected on the 7F grid (Jackish, 1995), and a felsic tuff unit mapped by MacRobbie (1995b). Additional, highly anomalous Zn values occur in the flatter, lower elevations to the north of this 'trend,' and are flanked by a strong zone of anomalous barite. This is interesting in itself, and combined with

the high Cu values to the southwest, could represent some reflection of a Cu-Zn-Ba depositional sequence in a VMS-type system.

In the author's opinion, the POP area remains a very interesting target for VMS. Further examination of the 2011 soils data, including geospatial and statistical analysis factoring in soil types, geomorphological features and multi-element relationships may divulge additional insights presently concealed in the data. Ground-checking certain results of this survey, and infill magnetic surveying (7F survey line spacing was 200 m) could reveal addition targets or mineralized showings. Other parts of the Expo property, however, such as White Creek, Akhurst Ridge and the FLY area, appear to merit priority for upcoming exploration pursuits.

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Colpron, M. and Nelson, J.L., 2011. "A Digital Atlas of Terranes for the Northern Cordillera." Accessed online from Yukon Geological Survey (www.geology.gov.yk.ca), [February 11, 2012].

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STATEMENT OF EXPENDITURES

Expenses for the 2011 soils program were as follows:

Helicopter and fuel	Canadian & Outbound (W. La Fave)	~~3,790.00~~* 10,091.27
Crew Wages		13,300.00
Equipment & Food		1,260.00
Vehicle Rental (2)		1,600.00
Assays		11,900.00
Report Preparation		1,500.00
Total		**$33,400.00**

6,301.21

39,701.21 actual

*expenses exceed this amount

STATEMENT OF QUALIFICATIONS

I, JAMES SCOTT BERDAHL, hereby certify that:

1. I am a geologist employed by 18526 YUKON INC., Box 11250, Whitehorse, Yukon, Y1A 6N4.
2. I am a graduate of the Massachusetts Institute of Technology, with a degree in geology (B.Sc., 2008).
3. I have been employed in mineral exploration, as a prospector's assistant or as a project geologist, annually for over a decade, and full-time for the past year.
4. I supervised and assisted with the geochemical survey described above in July of 2011.
5. The data contained herein is true and correct to the best of my knowledge.

_____

February 12, 2012

Appendix A-1

Zn Soil Geochem Map

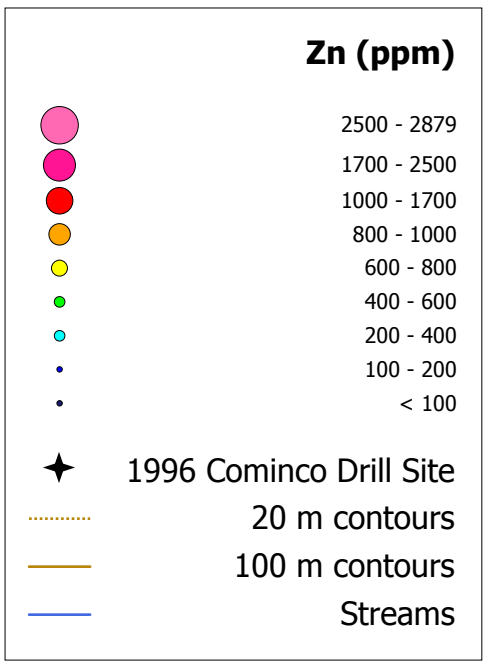
EXPO PROPERTY

"POP" Area Soils Survey

Conducted
July 9-13, 2011

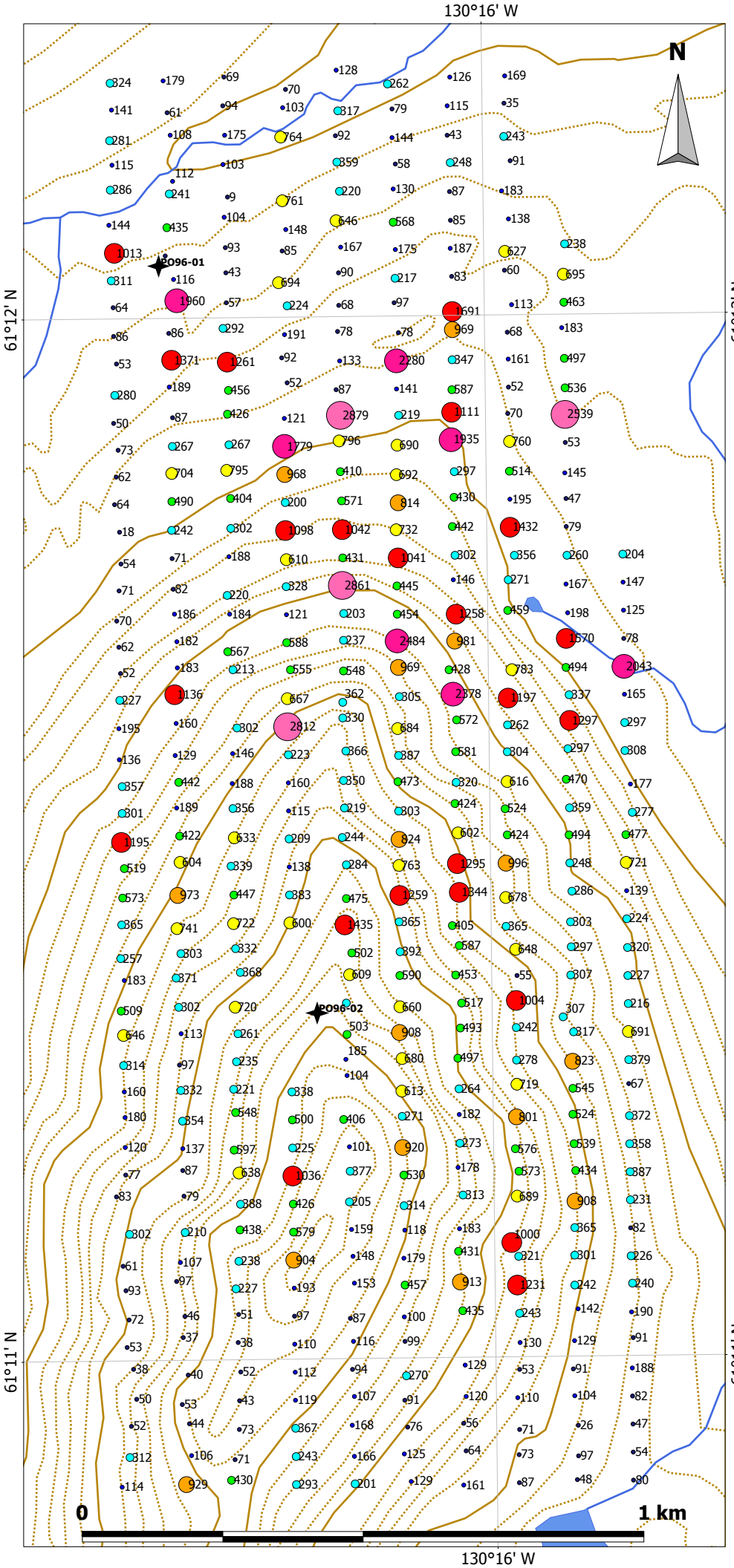
by

18526 Yukon Inc.



Yukon Territory, Canada

NTS 1:50k Mapsheet:
105G01



Appendix A-2

Cu Soil Geochem Map

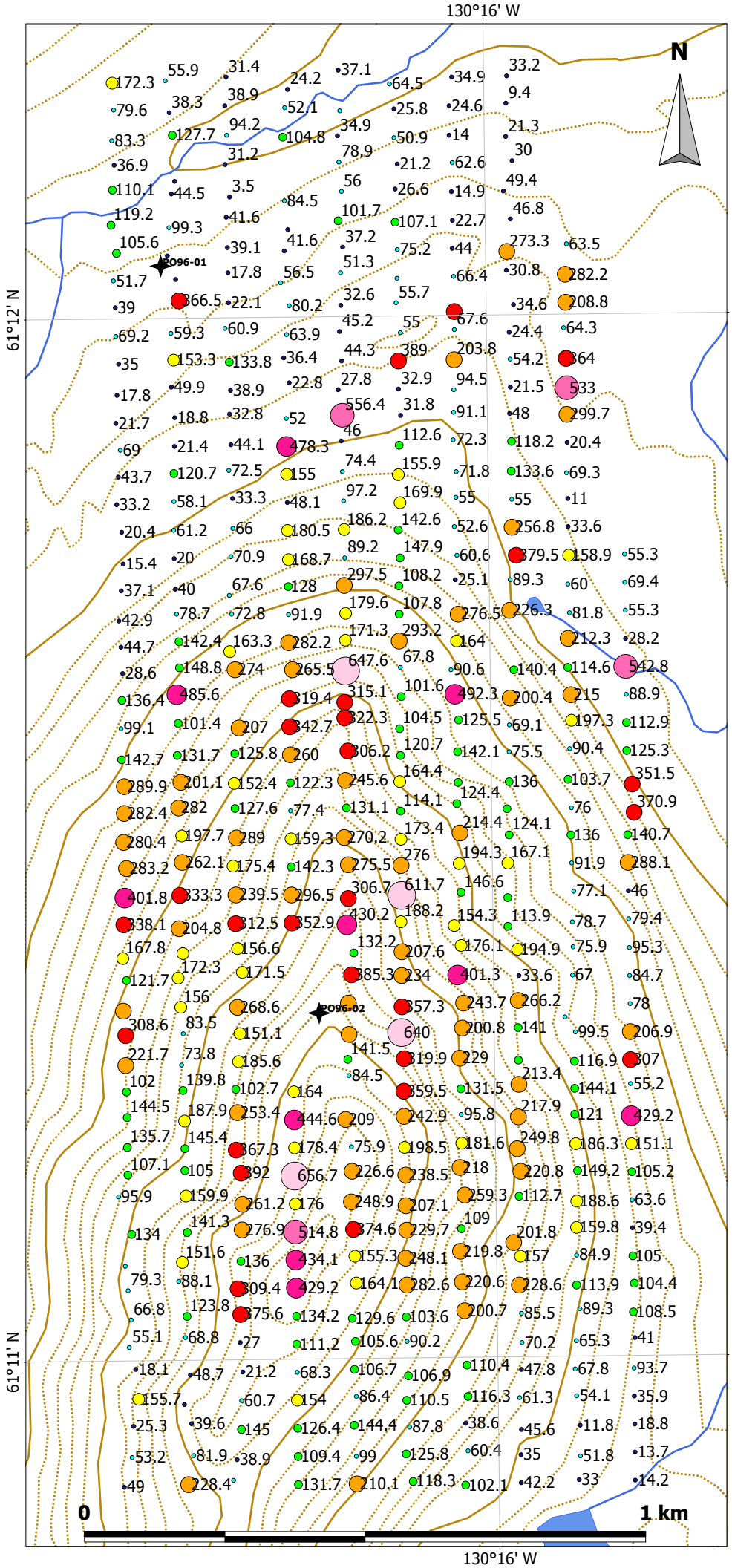
EXPO PROPERTY

"POP" Area Soils Survey

Conducted
July 9-13, 2011

by

18526 Yukon Inc.



Cu (ppm)

- 600 - 656.7
- 500 - 600
- 400 - 500
- 300 - 400
- 200 - 300
- 150 - 200
- 100 - 150
- 50 - 100
- < 50

- 1996 Cominco Drill Site
- 20 m contours
- 100 m contours
- Streams

Yukon Territory, Canada

NTS 1:50k Mapsheet:
105G01

Appendix A-3

Pb Soil Geochem Map

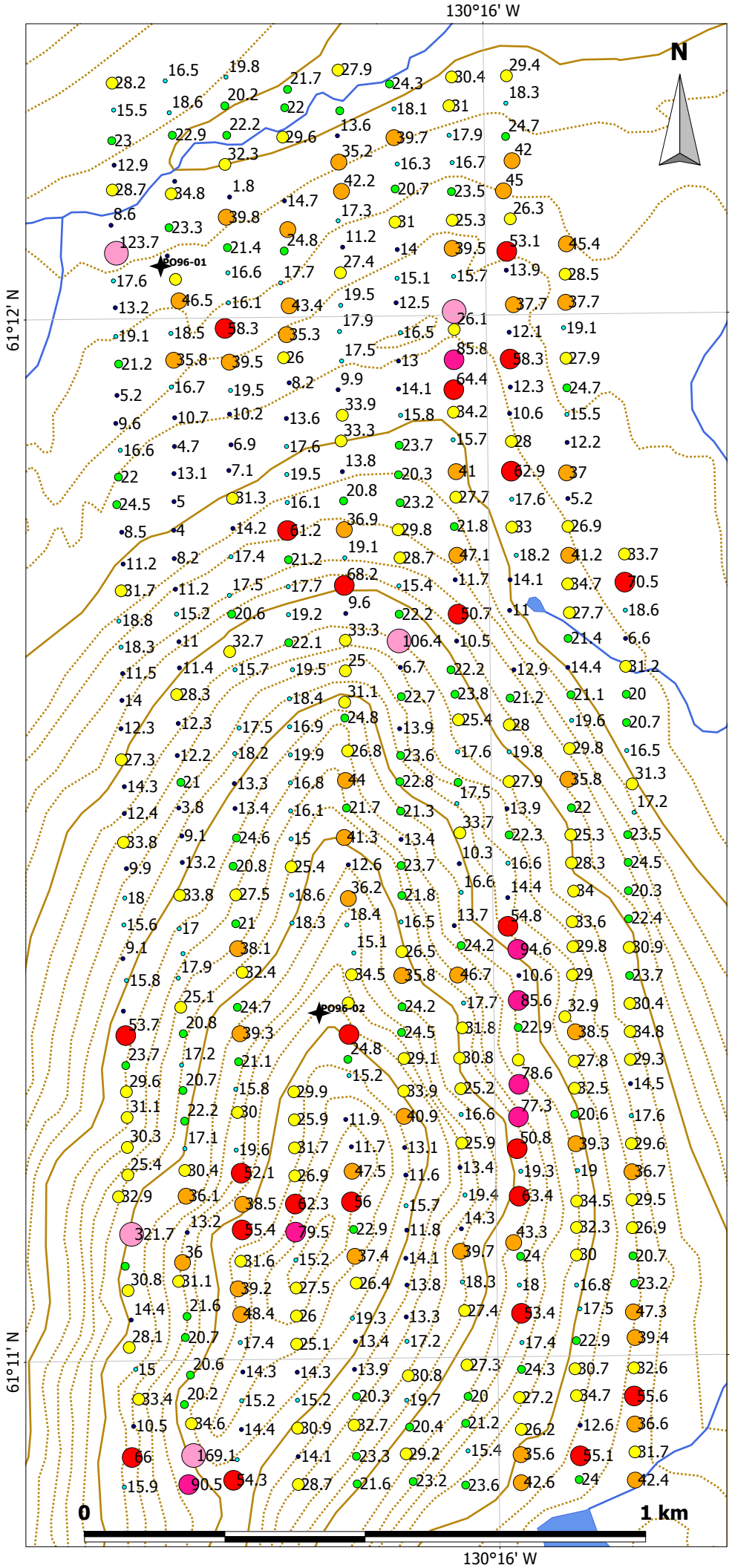
EXPO PROPERTY

"POP" Area Soils Survey

Conducted
July 9-13, 2011

by

18526 Yukon Inc.



Pb (ppm)

- 100 - 321.7
- 75 - 100
- 50 - 75
- 35 - 50
- 25 - 35
- 20 - 25
- 15 - 20
- < 15

1996 Cominco Drill Site
20 m contours
100 m contours
Streams

Yukon Territory, Canada

NTS 1:50k Mapsheet:
105G01

Appendix A-4

Ag Soil Geochem Map

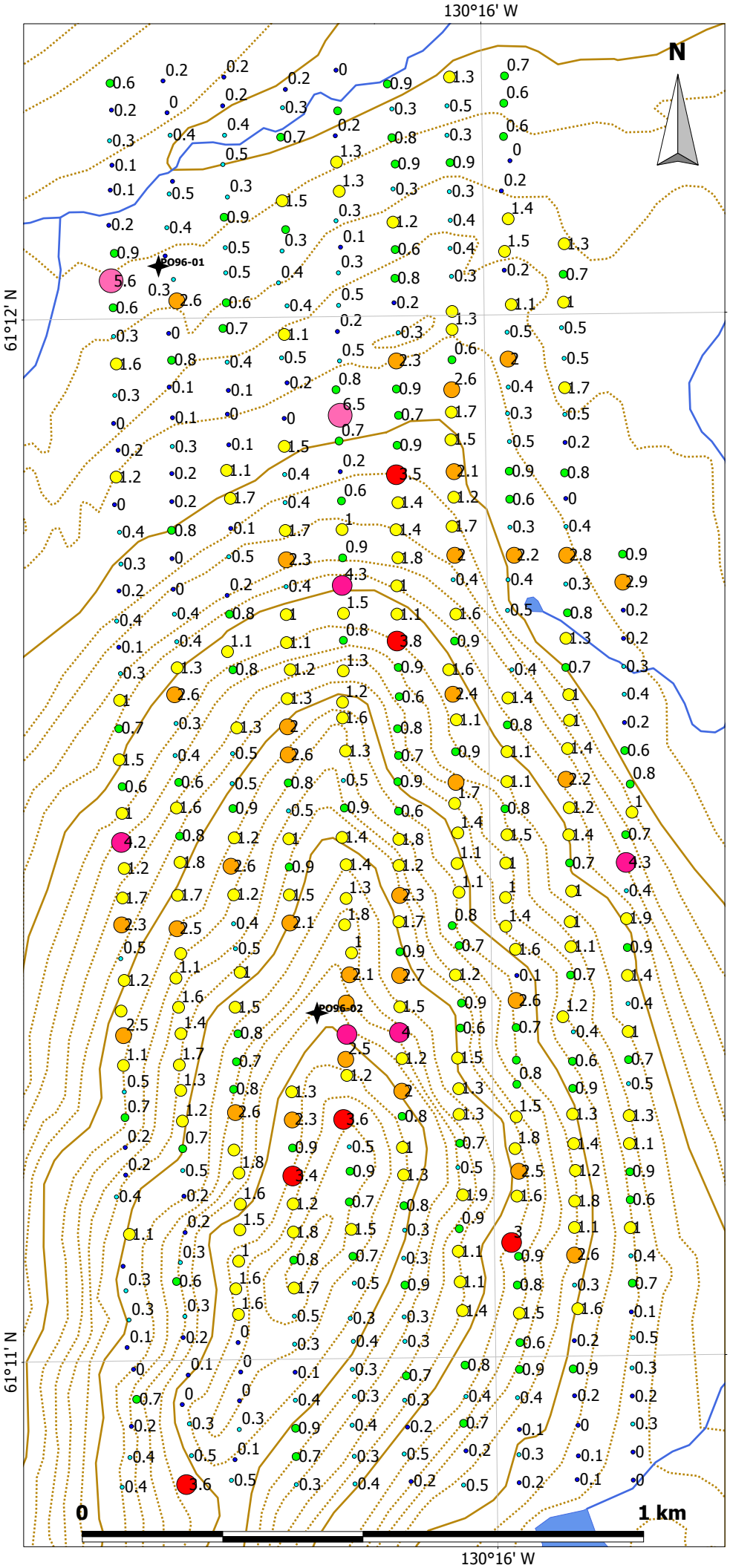
EXPO PROPERTY

"POP" Area Soils Survey

Conducted
July 9-13, 2011

by

18526 Yukon Inc.



Ag (ppm)

- > 5
- 4 - 5
- 3 - 4
- 2 - 3
- 1 - 2
- 0.6 - 1
- 0.3 - 0.6
- < 0.3

1996 Cominco Drill Site
20 m contours
100 m contours
Streams

Yukon Territory, Canada

NTS 1:50k Mapsheet:
105G01

Appendix A-5

Ba Soil Geochem Map

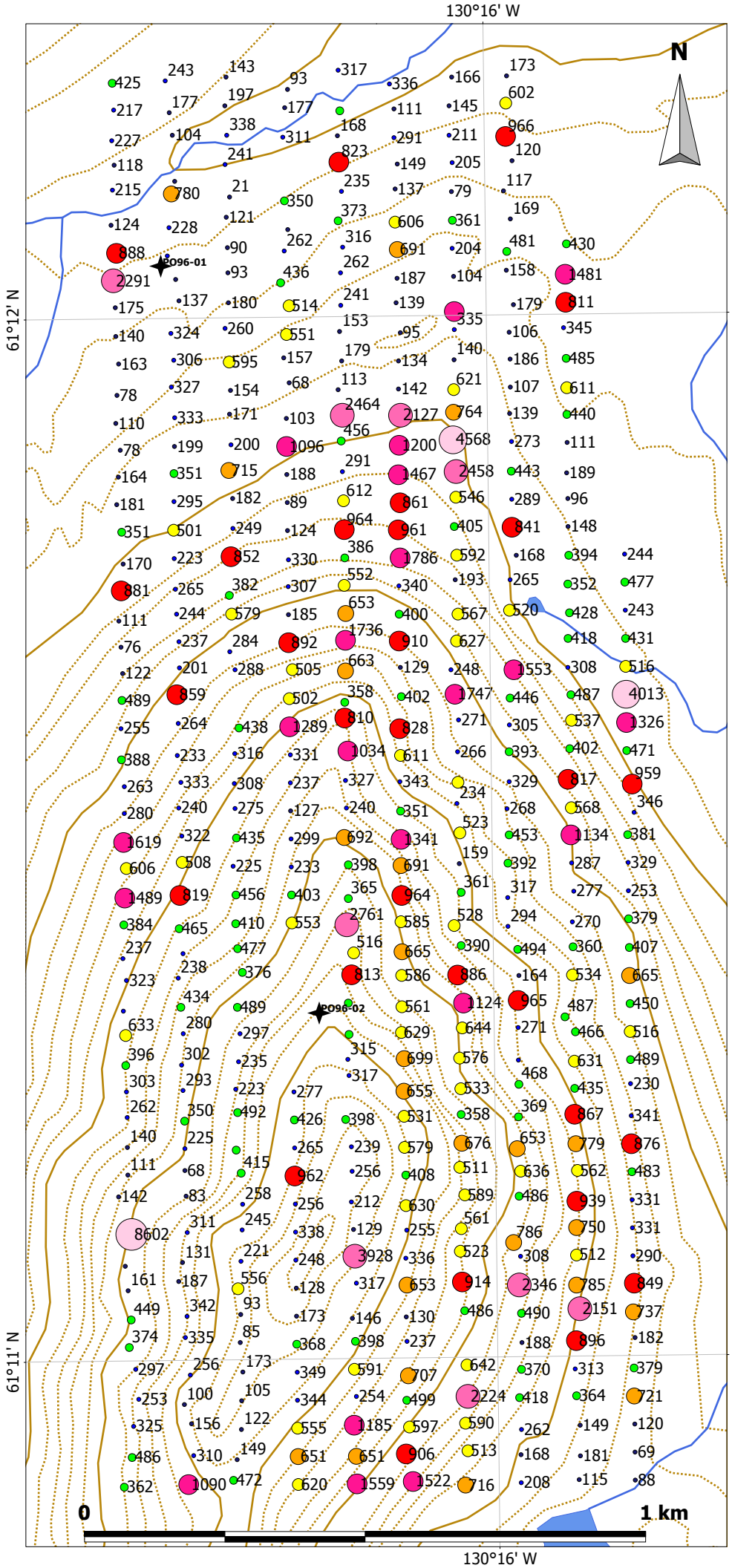
EXPO PROPERTY

"POP" Area Soils Survey

Conducted
July 9-13, 2011

by

18526 Yukon Inc.



Ba (ppm)

- 4000 - 8602
- 2000 - 4000
- 1000 - 2000
- 800 - 1000
- 650 - 800
- 500 - 650
- 350 - 500
- 200 - 350
- < 200

1996 Cominco Drill Site
20 m contours
100 m contours
Streams

Yukon Territory, Canada

NTS 1:50k Mapsheet:
105G01

Appendix A-6

Au Soil Geochem Map

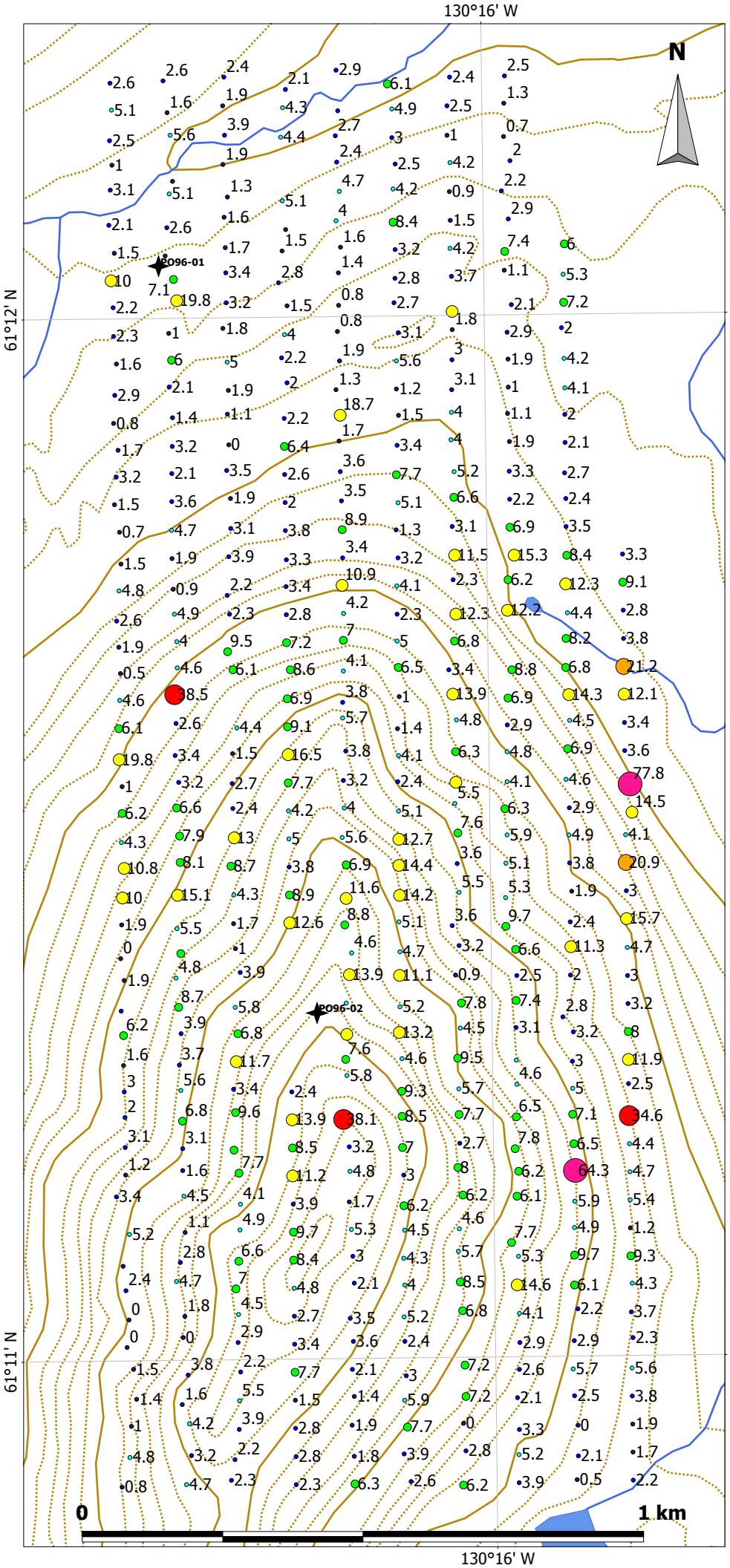
EXPO PROPERTY

"POP" Area Soils Survey

Conducted
July 9-13, 2011

by

18526 Yukon Inc.



Au (ppb)

- 50 - 77.8
- 30 - 50
- 20 - 30
- 10 - 20
- 6 - 10
- 4 - 6
- 2 - 4
- < 2

1996 Cominco Drill Site
20 m contours
100 m contours
Streams

Yukon Territory, Canada

NTS 1:50k Mapsheet:
105G01

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

www.acmelab.com

Client: **18526 Yukon Inc.**
P.O. Box 11250
Whitehorse Yukon Y1A 6N4 Canada

Submitted By: Ron Berdahl
Receiving Lab: Canada-Whitehorse
Received: August 11, 2011
Report Date: September 07, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS WHI11001230.1

CLIENT JOB INFORMATION

Project: Expo 2011
Shipment ID:
P.O. Number
Number of Samples: 201

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	192	Dry at 60C			WHI
SS80	192	Dry at 60C sieve 100g to -80 mesh			WHI
1DX3	192	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: 18526 Yukon Inc.
P.O. Box 11250
Whitehorse Yukon Y1A 6N4
Canada

CC: Scott Berdahl

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.

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Project: Expo 2011
Report Date: September 07, 2011

CERTIFICATE OF ANALYSIS WHI11001230.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EG1000	Soil	20.9	154.3	13.7	405	0.8	141.1	16.5	514	2.95	31.9	3.6	0.2	34	1.5	2.9	1.4	143	0.15	0.195	22
EG1050	Soil	42.5	146.6	16.6	1344	1.1	331.2	34.6	623	3.33	58.7	5.5	0.9	38	2.6	6.1	0.9	346	0.43	0.175	25
EG1100	Soil	111.8	194.3	10.3	1295	1.1	275.2	24.3	377	4.84	129.7	3.6	3.7	54	4.4	8.5	0.9	1034	0.25	0.164	36
EG1150	Soil	15.4	214.4	33.7	602	1.4	217.5	24.6	723	4.05	45.1	7.6	0.9	51	2.0	6.6	1.8	148	0.43	0.261	30
EG1200	Soil	47.2	124.4	17.5	424	1.7	103.2	11.8	209	2.77	50.2	5.5	2.9	44	1.2	2.7	0.9	210	0.23	0.197	29
EG1250	Soil	39.0	124.5	24.4	320	2.8	81.8	6.7	157	4.56	84.9	10.3	4.4	77	1.0	8.6	1.4	132	0.28	0.291	48
EG1300	Soil	32.8	142.1	17.6	581	0.9	163.9	12.6	219	3.19	69.5	6.3	2.8	49	1.4	5.7	1.3	230	0.42	0.276	27
EG1350	Soil	37.3	125.5	25.4	572	1.1	149.5	15.9	352	3.45	59.5	4.8	1.0	38	1.2	5.1	1.5	227	0.33	0.241	26
EG1400	Soil	43.8	492.3	23.8	2378	2.4	465.2	11.3	366	3.15	146.7	13.9	2.7	112	13.7	34.8	2.7	214	1.06	0.571	71
EG1450	Soil	36.2	90.6	22.2	428	1.6	105.5	6.0	145	3.27	52.4	3.4	2.2	35	0.8	6.0	1.8	289	0.21	0.250	23
EG1500	Soil	27.0	164.0	10.5	981	0.9	173.5	11.6	180	2.45	40.7	6.8	3.2	55	7.1	5.2	1.8	159	0.50	0.254	23
EG1550	Soil	48.6	276.5	50.7	1258	1.6	450.8	11.0	174	4.42	346.2	12.3	1.0	55	2.8	16.1	3.1	438	0.49	0.413	38
EG1600	Soil	12.1	25.1	11.7	146	0.4	38.9	1.9	39	1.09	32.3	2.3	0.3	19	0.3	4.1	0.9	80	0.08	0.059	12
EG1650	Soil	64.7	60.6	47.1	302	2.0	43.3	8.9	196	3.42	85.8	11.5	7.4	129	1.3	11.8	2.2	138	0.31	0.533	72
EG1700	Soil	17.8	52.6	21.8	442	1.7	197.7	2.8	63	3.02	107.9	3.1	2.6	77	0.2	17.9	1.2	188	1.94	0.940	22
EG1750	Soil	22.3	55.0	27.7	430	1.2	114.6	4.4	99	3.23	237.4	6.6	3.8	69	0.7	16.5	1.8	299	1.24	0.745	22
EG1800	Soil	21.8	71.8	41.0	297	2.1	47.5	5.3	123	5.33	57.5	5.2	7.6	26	0.9	3.1	1.6	121	0.07	0.666	17
EG1850	Soil	24.1	72.3	15.7	1935	1.5	370.5	6.5	227	2.54	74.1	4.0	2.6	438	2.3	2.6	1.4	596	4.30	1.956	8
EG1900	Soil	2.8	91.1	34.2	1111	1.7	81.6	17.3	360	4.71	308.1	4.0	4.0	3	2.8	3.4	1.8	49	0.08	0.053	14
EG1950	Soil	14.6	94.5	64.4	587	2.6	199.5	11.4	244	3.86	58.5	3.1	2.3	14	1.2	7.0	2.2	60	0.07	0.190	19
EG2000	Soil	37.3	203.8	85.8	347	0.6	117.4	21.4	563	8.95	617.0	3.0	2.7	8	0.7	8.8	6.8	142	0.04	0.271	9
EG2050	Soil	16.5	67.6	26.1	969	1.3	199.9	4.8	281	3.10	191.9	1.8	3.7	93	1.2	17.1	1.1	282	1.61	0.863	26
EG2100	Soil	37.0	303.6	109.4	1691	1.8	359.6	13.2	540	4.02	336.5	19.1	1.9	152	24.3	29.3	5.6	161	1.51	0.722	45
EG2150	Soil	4.2	66.4	15.7	83	0.3	19.7	11.0	329	2.60	7.5	3.7	5.3	22	0.7	0.7	0.4	41	0.30	0.082	10
EG2200	Soil	13.0	44.0	39.5	187	0.4	47.9	7.6	326	3.44	80.0	4.2	10.0	29	0.6	5.2	1.1	108	0.36	0.472	13
EG2250	Soil	5.6	22.7	25.3	85	0.4	17.9	5.4	185	2.05	33.6	1.5	6.1	15	0.3	1.8	0.5	53	0.13	0.091	10
EG2300	Soil	6.7	14.9	23.5	87	0.3	16.6	4.1	168	1.84	18.6	0.9	4.9	19	0.2	1.7	0.5	44	0.18	0.077	11
EG2350	Soil	5.1	62.6	16.7	248	0.9	54.3	9.5	294	1.58	37.7	4.2	6.5	38	1.6	5.6	0.5	50	0.49	0.185	14
EG2400	Soil	3.5	14.0	17.9	43	0.3	12.8	3.2	169	1.25	10.0	1.0	3.0	12	0.2	0.9	0.3	22	0.12	0.048	13
EG2450	Soil	5.9	24.6	31.0	115	0.5	23.8	4.9	195	1.86	25.8	2.5	5.1	18	0.4	2.4	0.5	34	0.19	0.105	11

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	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EG1000	Soil	46	0.28	528	0.014	3	0.68	0.006	0.08	0.3	0.02	0.7	0.2	0.16	3	5.3	0.4
EG1050	Soil	56	0.78	361	0.047	3	0.86	0.008	0.05	0.3	0.07	2.3	<0.1	0.15	4	7.5	0.3
EG1100	Soil	47	1.07	159	0.114	<1	1.17	0.011	0.04	0.9	0.08	4.1	<0.1	0.12	4	10.8	0.4
EG1150	Soil	60	0.66	523	0.012	<1	1.00	0.004	0.07	0.2	0.06	2.8	0.3	0.08	4	6.7	0.5
EG1200	Soil	28	0.51	234	0.151	2	0.68	0.008	0.05	0.4	0.04	1.7	<0.1	0.13	2	8.2	0.4
EG1250	Soil	29	0.33	610	0.113	2	0.69	0.054	0.11	0.2	0.04	2.3	0.1	0.45	2	14.7	0.4
EG1300	Soil	40	0.48	266	0.070	2	0.83	0.007	0.06	0.4	0.02	2.2	0.1	0.09	3	7.0	0.4
EG1350	Soil	37	0.44	271	0.051	<1	0.74	0.005	0.06	0.3	0.02	1.6	0.1	0.09	3	6.3	0.5
EG1400	Soil	47	0.26	1747	0.028	2	0.77	0.005	0.08	0.5	0.22	3.6	0.2	0.08	2	8.2	0.6
EG1450	Soil	35	0.28	248	0.091	<1	0.64	0.008	0.06	0.4	0.04	1.7	0.1	0.13	4	7.4	0.4
EG1500	Soil	27	0.32	627	0.051	<1	0.60	0.005	0.05	0.3	0.11	2.4	0.1	0.09	2	4.3	0.4
EG1550	Soil	77	0.13	567	0.020	3	0.61	0.005	0.11	1.0	0.18	1.6	0.2	0.09	3	8.6	1.0
EG1600	Soil	14	0.06	193	0.043	<1	0.46	0.007	0.04	0.1	0.02	0.5	0.2	<0.05	3	2.4	<0.2
EG1650	Soil	26	0.29	592	0.013	1	0.49	0.003	0.12	0.8	0.02	1.4	0.1	0.20	2	11.1	0.9
EG1700	Soil	63	0.19	405	0.048	1	0.98	0.008	0.10	0.4	0.02	4.5	0.3	0.06	5	7.4	0.4
EG1750	Soil	59	0.53	546	0.051	2	1.06	0.003	0.13	0.5	0.03	2.8	0.2	<0.05	4	4.8	0.6
EG1800	Soil	36	0.31	2458	0.015	<1	1.78	0.005	0.04	0.3	0.47	2.2	0.2	0.08	7	14.1	0.4
EG1850	Soil	189	1.60	4568	0.047	1	1.75	0.002	0.09	0.5	0.07	4.5	0.2	0.06	8	3.2	0.6
EG1900	Soil	23	1.14	764	0.036	<1	1.01	0.003	0.02	0.1	0.20	2.1	<0.1	<0.05	2	11.1	0.4
EG1950	Soil	17	0.04	621	0.005	<1	0.34	0.004	0.08	0.3	0.02	0.8	0.4	0.14	2	18.1	0.9
EG2000	Soil	28	0.56	140	0.016	<1	0.64	<0.001	0.03	0.3	<0.01	1.5	0.4	<0.05	5	16.9	0.9
EG2050	Soil	135	2.42	335	0.066	2	1.80	0.004	0.21	0.5	0.01	2.1	0.7	<0.05	5	3.6	0.3
EG2100	Soil	68	0.16	1332	0.017	2	0.70	0.008	0.08	0.5	0.13	2.7	1.0	0.09	3	16.9	1.9
EG2150	Soil	20	0.73	104	0.061	<1	1.43	0.007	0.21	0.3	0.02	2.1	0.1	<0.05	3	1.6	0.2
EG2200	Soil	38	0.43	204	0.047	<1	1.14	0.007	0.12	0.5	0.02	1.5	0.3	<0.05	4	5.3	0.3
EG2250	Soil	19	0.31	361	0.075	<1	0.91	0.009	0.13	0.3	0.02	1.1	0.2	<0.05	5	2.1	<0.2
EG2300	Soil	17	0.35	79	0.042	<1	0.92	0.005	0.11	0.3	0.02	1.1	0.1	<0.05	3	1.1	<0.2
EG2350	Soil	19	0.39	205	0.035	<1	0.81	0.005	0.10	0.3	0.04	1.6	0.1	<0.05	2	2.1	<0.2
EG2400	Soil	17	0.22	211	0.024	<1	0.66	0.004	0.08	0.2	0.01	0.6	0.1	<0.05	3	<0.5	<0.2
EG2450	Soil	25	0.32	145	0.032	<1	0.71	0.005	0.09	0.4	0.01	1.0	0.1	<0.05	2	1.3	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EG2500	Soil	9.3	34.9	30.4	126	1.3	26.1	6.4	175	2.83	56.4	2.4	5.1	17	0.5	3.5	0.9	48	0.15	0.173	12
EH0000	Soil	3.0	42.2	42.6	87	0.2	19.7	7.2	261	2.75	13.7	3.9	6.9	18	0.1	1.2	0.8	29	0.13	0.061	23
EH0050	Soil	4.5	35.0	35.6	73	0.3	17.9	7.6	400	3.81	13.7	5.2	18.7	14	0.1	1.3	0.7	35	0.12	0.084	20
EH0100	Soil	2.6	45.6	26.2	71	0.1	15.8	6.6	261	2.62	11.4	3.3	1.7	16	0.2	1.2	0.5	26	0.13	0.060	19
EH0150	Soil	4.5	61.3	27.2	110	0.4	39.5	10.5	417	2.89	14.3	2.1	3.0	25	0.4	1.1	0.9	62	0.27	0.280	18
EH0200	Soil	6.1	47.8	24.3	53	0.9	26.5	3.8	102	1.33	8.8	2.6	0.6	13	0.2	0.9	0.6	44	0.05	0.069	11
EH0250	Soil	9.8	70.2	17.4	130	0.6	54.2	4.5	100	1.89	18.4	2.9	2.0	12	0.3	1.2	1.4	81	0.05	0.077	12
EH0300	Soil	17.0	85.5	53.4	243	1.5	85.6	5.5	191	2.51	18.7	4.1	5.4	41	0.7	3.0	1.2	128	0.20	0.221	20
EH0350	Soil	40.9	228.6	18.0	1231	0.8	185.0	22.0	693	6.04	32.4	14.6	3.3	74	5.7	6.3	7.5	420	0.60	0.397	36
EH0400	Soil	14.7	157.0	24.0	321	0.9	110.8	13.7	426	2.61	21.8	5.3	1.0	34	1.1	3.0	1.0	103	0.36	0.242	25
EH0450	Soil	42.5	201.8	43.3	1000	3.0	214.0	16.0	273	3.16	20.3	7.7	4.2	38	6.1	4.7	1.5	217	0.31	0.206	49
EH0500	Soil	31.7	112.7	63.4	689	1.6	126.5	13.6	319	2.98	15.1	6.1	3.7	43	3.3	3.4	2.1	202	0.34	0.196	30
EH0550	Soil	10.1	220.8	19.3	573	2.5	251.4	15.8	395	3.23	96.8	6.2	3.5	65	3.1	14.2	0.8	145	0.93	0.534	34
EH0600	Soil	8.1	249.8	50.8	576	1.8	185.0	18.9	662	3.56	74.1	7.8	5.0	54	3.0	8.7	0.9	88	0.80	0.343	29
EH0650	Soil	21.1	217.9	77.3	801	1.5	198.7	20.3	555	3.33	35.9	6.5	1.1	54	2.3	7.6	1.0	138	0.76	0.415	32
EH0700	Soil	10.4	213.4	78.6	719	0.8	201.1	15.9	636	2.99	49.4	4.6	1.4	60	1.9	7.4	0.9	130	0.79	0.402	28
EH0750	Soil	14.3	137.9	27.1	278	0.7	123.3	9.1	263	2.64	35.7	4.5	0.3	35	0.5	4.6	1.0	128	0.35	0.278	23
EH0800	Soil	16.6	141.0	22.9	242	0.7	129.2	18.1	643	2.64	30.7	3.1	0.8	28	0.6	3.6	0.5	78	0.16	0.168	20
EH0850	Soil	31.5	266.2	85.6	1004	2.6	238.8	12.1	288	3.98	78.5	7.4	3.9	62	9.3	4.7	1.3	177	0.43	0.321	40
EH0900	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.
EH0950	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.
EH1000	Soil	23.1	113.9	54.8	365	1.4	112.2	10.9	360	3.46	46.8	9.7	0.7	35	0.8	3.3	1.2	146	0.25	0.274	24
EH1050	Soil	33.2	146.2	14.4	678	1.0	165.2	25.1	758	3.81	78.9	5.3	2.4	42	2.3	4.3	1.0	364	0.52	0.407	32
EH1100	Soil	24.3	167.1	16.6	996	1.0	239.0	19.3	371	3.30	67.1	5.1	4.0	50	5.3	3.3	0.7	225	0.63	0.329	29
EH1150	Soil	14.1	124.1	22.3	424	1.5	77.7	5.8	330	5.00	21.6	5.9	6.0	79	4.1	3.0	1.1	69	0.34	0.162	34
EH1200	Soil	19.9	125.1	13.9	524	0.8	111.8	14.6	342	3.03	44.3	6.3	2.6	37	1.9	3.6	0.8	224	0.47	0.268	25
EH1250	Soil	24.4	136.0	27.9	616	1.1	177.2	11.1	302	2.99	55.4	4.1	2.8	55	1.5	6.6	2.7	162	0.78	0.502	25
EH1300	Soil	20.2	75.5	19.8	304	1.1	85.7	5.4	174	2.43	99.0	4.8	1.2	53	0.9	5.4	2.2	166	0.61	0.406	20
EH1350	Soil	28.9	69.1	28.0	262	0.8	72.5	5.3	127	2.57	44.4	2.9	1.4	28	0.9	3.9	1.5	221	0.20	0.137	19
EH1400	Soil	33.0	200.4	21.2	1197	1.4	267.6	27.2	520	3.75	57.4	6.9	5.7	57	4.2	5.5	1.9	185	0.65	0.343	33

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Project: Expo 2011
Report Date: September 07, 2011

CERTIFICATE OF ANALYSIS WHI11001230.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EG2500	Soil	20	0.22	166	0.046	<1	1.03	0.008	0.06	0.4	0.05	1.2	0.1	<0.05	4	2.1	<0.2
EH0000	Soil	22	0.41	208	0.034	<1	1.07	0.004	0.14	0.8	0.01	1.0	0.4	<0.05	4	0.7	<0.2
EH0050	Soil	19	0.41	168	0.029	<1	1.37	0.005	0.13	0.7	0.05	1.6	0.2	<0.05	5	1.0	<0.2
EH0100	Soil	20	0.36	262	0.025	<1	1.35	0.005	0.13	1.8	0.03	0.5	0.4	<0.05	4	0.7	<0.2
EH0150	Soil	34	0.45	418	0.025	<1	1.49	0.005	0.12	0.7	0.07	1.1	0.2	<0.05	4	1.5	<0.2
EH0200	Soil	27	0.12	370	0.028	<1	0.50	0.004	0.09	0.4	0.04	0.5	0.2	<0.05	4	1.4	<0.2
EH0250	Soil	20	0.08	188	0.047	<1	0.40	0.003	0.05	0.3	0.02	1.3	0.1	<0.05	4	1.3	<0.2
EH0300	Soil	49	0.19	490	0.080	<1	0.57	0.005	0.07	0.4	0.04	2.3	0.2	0.10	3	2.2	0.3
EH0350	Soil	76	0.53	2346	0.037	1	1.39	0.005	0.13	0.4	0.64	4.8	0.3	0.05	6	7.8	<0.2
EH0400	Soil	31	0.40	308	0.030	<1	0.93	0.006	0.06	0.4	0.07	1.5	0.2	<0.05	3	3.6	<0.2
EH0450	Soil	39	0.60	786	0.047	<1	0.89	0.006	0.07	0.4	0.18	2.3	0.1	0.08	3	6.9	0.4
EH0500	Soil	40	0.89	486	0.102	<1	0.97	0.007	0.07	0.4	0.13	2.1	<0.1	0.10	3	5.7	0.4
EH0550	Soil	50	0.36	636	0.022	<1	0.75	0.005	0.07	0.5	0.14	4.6	0.1	<0.05	2	4.4	0.3
EH0600	Soil	35	0.47	653	0.013	<1	0.65	0.006	0.07	0.2	0.29	5.3	0.2	<0.05	2	5.9	0.2
EH0650	Soil	41	0.61	369	0.018	<1	0.89	0.004	0.05	0.3	0.20	1.9	0.1	0.07	3	5.2	0.3
EH0700	Soil	57	0.98	468	0.022	<1	1.18	0.004	0.06	0.3	0.06	2.5	0.3	<0.05	4	4.1	0.3
EH0750	Soil	44	0.47	328	0.009	<1	0.87	0.005	0.08	0.2	0.04	0.3	0.2	0.08	4	3.8	0.2
EH0800	Soil	28	0.15	271	0.003	<1	0.63	0.009	0.08	0.2	0.03	0.3	0.2	0.10	3	5.3	0.2
EH0850	Soil	34	0.19	965	0.005	1	0.69	0.009	0.12	0.3	0.31	3.8	0.2	0.20	2	11.7	0.4
EH0900	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.
EH0950	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.
EH1000	Soil	35	0.34	294	0.026	1	0.85	0.007	0.07	0.2	0.05	1.2	0.2	0.06	3	5.1	0.2
EH1050	Soil	57	0.52	317	0.061	<1	0.97	0.007	0.06	0.7	0.03	2.9	<0.1	0.08	3	6.7	0.3
EH1100	Soil	170	0.94	392	0.051	<1	0.99	0.005	0.06	0.3	0.04	3.2	<0.1	0.06	3	5.0	0.3
EH1150	Soil	56	1.29	453	0.238	1	1.30	0.009	0.43	<0.1	0.02	2.7	0.6	0.52	5	6.0	0.2
EH1200	Soil	43	0.55	268	0.078	<1	0.93	0.010	0.10	0.3	0.02	2.4	0.1	0.10	3	4.5	<0.2
EH1250	Soil	45	0.37	329	0.038	<1	0.70	0.006	0.06	0.4	0.02	1.8	0.1	0.06	3	6.3	0.5
EH1300	Soil	33	0.25	393	0.048	<1	0.55	0.006	0.07	0.3	0.02	1.2	0.1	0.10	3	5.5	0.5
EH1350	Soil	36	0.31	305	0.111	<1	0.60	0.007	0.07	0.3	0.04	1.4	0.1	0.10	4	4.9	0.4
EH1400	Soil	38	0.59	446	0.053	<1	0.82	0.004	0.07	0.4	0.02	3.4	0.2	0.06	3	6.9	0.7

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		Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EH1450	Soil		9.2	140.4	12.9	783	0.4	207.8	86.2	825	7.27	9.8	8.8	3.3	50	4.1	2.0	0.3	63	0.42	0.206	30
EH1500	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.
EH1550	Soil		20.7	226.3	11.0	459	0.5	163.2	63.6	963	7.10	23.8	12.2	2.9	40	1.7	2.3	1.0	74	0.39	0.206	29
EH1600	Soil		19.9	89.3	14.1	271	0.4	50.1	14.4	408	3.81	27.2	6.2	1.6	27	0.9	2.4	1.3	94	0.26	0.118	15
EH1650	Soil		44.1	379.5	18.2	356	2.2	56.7	5.5	150	3.27	22.8	15.3	1.4	17	1.3	1.9	2.5	77	0.17	0.139	37
EH1700	Soil		35.8	256.8	33.0	1432	0.3	299.3	39.9	1163	3.13	57.1	6.9	1.8	55	18.9	6.5	1.8	104	0.54	0.203	39
EH1750	Soil		14.4	55.0	17.6	195	0.6	52.1	2.5	43	1.42	65.2	2.2	1.1	27	0.7	6.2	0.9	80	0.22	0.138	11
EH1800	Soil		24.3	133.6	62.9	514	0.9	91.1	11.1	347	3.73	114.4	3.3	2.8	33	1.6	8.5	2.6	142	0.31	0.282	19
EH1850	Soil		6.5	118.2	28.0	760	0.5	70.9	25.7	768	4.13	24.9	1.9	8.9	61	2.4	1.2	0.6	52	0.40	0.139	49
EH1900	Soil		7.3	48.0	10.6	70	0.3	19.0	1.6	31	0.58	12.0	1.1	1.6	13	2.8	2.4	0.5	30	0.08	0.016	11
EH1950	Soil		8.1	21.5	12.3	52	0.4	13.7	2.3	59	1.07	20.3	1.0	1.8	13	0.3	1.3	0.7	44	0.10	0.053	12
EH2000	Soil		18.5	54.2	58.3	161	2.0	28.6	5.1	160	3.79	102.3	1.9	9.6	18	1.0	5.4	1.4	120	0.16	0.235	12
EH2050	Soil		11.6	24.4	12.1	68	0.5	16.4	3.3	69	0.98	14.8	2.9	2.0	16	0.5	1.4	0.4	35	0.11	0.030	13
EH2100	Soil		9.7	34.6	37.7	113	1.1	36.7	5.2	161	2.39	55.7	2.1	7.4	21	0.4	3.2	1.2	82	0.25	0.290	12
EH2150	Soil		8.8	30.8	13.9	60	0.2	19.1	3.0	81	1.32	18.7	1.1	4.6	17	0.2	1.7	0.7	53	0.16	0.033	10
EH2200	Soil		11.4	273.3	53.1	627	1.5	157.7	7.1	312	2.02	40.4	7.4	0.6	26	7.9	1.9	1.0	49	0.19	0.131	37
EH2250	Soil		10.5	46.8	26.3	138	1.4	26.7	4.3	106	2.48	65.4	2.9	6.4	16	0.6	4.4	0.9	74	0.17	0.310	12
EH2300	Soil		3.2	49.4	45.0	183	0.2	32.8	7.3	293	1.61	15.8	2.2	11.1	19	0.4	1.3	0.4	29	0.19	0.093	18
EH2350	Soil		2.4	30.0	42.0	91	<0.1	19.8	7.6	319	1.87	10.6	2.0	18.0	18	0.5	1.0	0.5	24	0.09	0.041	27
EH2400	Soil		4.3	21.3	24.7	243	0.6	13.4	14.4	634	3.32	10.7	0.7	8.5	48	1.2	0.8	0.4	38	0.30	0.092	24
EH2450	Soil		3.6	9.4	18.3	35	0.6	5.1	2.9	104	0.91	9.0	1.3	4.4	13	0.2	0.9	0.4	23	0.11	0.030	9
EH2500	Soil		13.6	33.2	29.4	169	0.7	27.6	9.0	220	2.80	56.4	2.5	4.7	22	0.8	5.7	1.3	65	0.22	0.116	10
EI0000	Soil		2.4	33.0	24.0	48	0.1	4.0	5.2	206	1.74	5.4	0.5	10.8	7	0.1	0.4	0.5	16	0.03	0.033	31
EI0050	Soil		2.2	51.8	55.1	97	0.1	21.7	8.4	309	2.34	9.2	2.1	13.2	20	0.3	0.9	0.8	23	0.09	0.045	38
EI0100	Soil		1.6	11.8	12.6	26	<0.1	3.8	2.2	440	0.87	2.1	<0.5	0.5	6	<0.1	0.3	0.2	17	0.03	0.038	12
EI0150	Soil		3.6	54.1	34.7	104	0.2	25.1	6.8	248	2.45	13.4	2.5	5.2	16	0.4	1.5	0.8	35	0.09	0.065	24
EI0200	Soil		4.6	67.8	30.7	91	0.9	25.3	6.2	212	2.94	17.3	5.7	16.9	16	0.2	1.4	1.3	50	0.07	0.062	21
EI0250	Soil		4.7	65.3	22.9	129	0.2	46.9	7.1	320	2.11	11.1	2.9	2.7	33	0.6	1.1	1.0	80	0.30	0.213	15
EI0300	Soil		9.7	89.3	17.5	142	1.6	71.7	5.5	257	4.43	12.5	2.2	0.7	37	0.4	3.1	9.0	272	0.34	0.492	14
EI0350	Soil		15.9	113.9	16.8	242	0.3	79.8	9.1	594	4.56	16.5	6.1	0.3	35	0.6	2.1	9.0	331	0.28	0.316	17

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	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EH1450	Soil	92	1.99	1553	0.194	<1	2.48	0.008	0.08	0.1	0.02	3.7	0.1	0.10	7	1.8	<0.2
EH1500	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.
EH1550	Soil	118	1.88	520	0.145	<1	2.60	0.007	0.17	0.1	0.02	3.3	0.5	0.16	7	3.4	<0.2
EH1600	Soil	38	0.78	265	0.084	<1	1.32	0.005	0.09	0.3	0.02	1.7	0.3	<0.05	5	3.4	0.2
EH1650	Soil	39	0.44	168	0.035	<1	1.34	0.006	0.07	0.9	0.11	2.5	0.5	0.05	6	2.9	<0.2
EH1700	Soil	42	0.61	841	0.025	1	0.96	0.009	0.09	0.4	0.04	3.2	0.4	0.05	4	5.0	0.5
EH1750	Soil	16	0.06	289	0.024	<1	0.35	0.004	0.06	0.3	0.01	0.8	0.1	<0.05	3	3.2	0.2
EH1800	Soil	37	0.47	443	0.036	<1	1.11	0.006	0.12	0.6	0.02	1.9	0.4	<0.05	5	5.5	0.5
EH1850	Soil	30	1.19	273	0.160	1	2.24	0.005	0.28	0.2	<0.01	1.8	0.5	<0.05	6	0.8	<0.2
EH1900	Soil	10	0.04	139	0.036	<1	0.31	0.007	0.05	0.2	<0.01	0.6	<0.1	<0.05	2	1.0	<0.2
EH1950	Soil	13	0.11	107	0.042	<1	0.49	0.007	0.05	0.5	0.01	0.6	0.2	<0.05	4	1.6	<0.2
EH2000	Soil	26	0.38	186	0.053	<1	1.30	0.008	0.09	0.9	0.05	1.6	0.2	<0.05	5	3.5	0.4
EH2050	Soil	14	0.10	106	0.030	<1	0.66	0.005	0.07	0.3	<0.01	0.8	0.2	<0.05	5	1.1	<0.2
EH2100	Soil	37	0.28	179	0.052	<1	0.92	0.006	0.07	0.6	0.03	1.5	0.2	<0.05	5	2.0	0.3
EH2150	Soil	14	0.09	158	0.058	<1	0.53	0.004	0.05	0.5	<0.01	0.9	0.1	<0.05	4	0.8	<0.2
EH2200	Soil	27	0.33	481	0.014	<1	1.20	0.011	0.11	0.3	0.04	0.9	0.4	0.07	5	2.1	<0.2
EH2250	Soil	22	0.19	169	0.029	<1	0.87	0.007	0.05	0.4	0.03	1.2	0.2	<0.05	5	3.8	0.3
EH2300	Soil	19	0.37	117	0.023	1	0.91	0.005	0.13	0.2	0.01	1.4	0.2	<0.05	2	0.8	<0.2
EH2350	Soil	27	0.48	120	0.055	<1	1.16	0.004	0.15	0.3	0.01	1.5	0.2	<0.05	3	0.5	<0.2
EH2400	Soil	25	0.97	966	0.151	<1	1.62	0.006	0.46	0.4	0.01	2.0	0.6	0.05	5	0.5	<0.2
EH2450	Soil	12	0.10	602	0.050	<1	0.59	0.007	0.06	0.2	0.01	0.7	<0.1	0.06	4	<0.5	<0.2
EH2500	Soil	24	0.34	173	0.051	<1	0.77	0.006	0.09	0.6	0.01	1.6	0.1	<0.05	3	2.8	0.3
EI0000	Soil	9	0.20	115	0.047	<1	0.60	0.004	0.19	0.2	<0.01	0.5	0.3	<0.05	3	<0.5	<0.2
EI0050	Soil	32	0.48	181	0.032	<1	1.37	0.004	0.15	0.5	0.02	1.4	0.4	<0.05	3	0.6	<0.2
EI0100	Soil	9	0.09	149	0.012	<1	0.71	0.011	0.09	0.2	0.01	0.2	0.2	<0.05	3	<0.5	<0.2
EI0150	Soil	24	0.40	364	0.030	<1	1.38	0.005	0.11	0.5	0.03	1.1	0.3	<0.05	4	0.6	<0.2
EI0200	Soil	23	0.38	313	0.042	<1	1.33	0.004	0.11	0.9	0.07	1.7	0.3	0.05	5	0.8	<0.2
EI0250	Soil	31	0.34	896	0.033	1	0.88	0.009	0.09	0.5	0.03	1.5	0.1	0.08	4	1.4	<0.2
EI0300	Soil	90	0.37	2151	0.026	<1	1.47	0.006	0.09	0.6	0.07	1.7	0.1	0.11	6	3.1	<0.2
EI0350	Soil	71	0.38	785	0.010	<1	1.35	0.008	0.13	0.6	0.04	0.4	0.2	0.11	7	4.6	0.2

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	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EI0400	Soil	24.1	84.9	30.0	301	2.6	71.6	3.0	88	2.60	52.5	9.7	1.3	34	1.0	4.1	2.2	233	0.13	0.143	30
EI0450	Soil	15.0	159.8	32.3	365	1.1	97.4	12.3	178	5.64	13.8	4.9	5.5	66	2.5	2.6	12.7	87	0.29	0.203	30
EI0500	Soil	16.5	188.6	34.5	908	1.8	234.5	29.1	711	2.95	31.0	5.9	5.7	51	6.1	5.3	1.6	92	0.46	0.213	35
EI0550	Soil	13.8	149.2	19.0	434	1.2	108.8	10.3	250	2.78	33.9	64.3	2.1	55	2.0	6.2	1.0	108	0.53	0.280	25
EI0600	Soil	12.8	186.3	39.3	539	1.4	148.1	11.0	475	3.24	106.5	6.5	0.7	51	1.6	9.8	1.1	120	0.73	0.357	25
EI0650	Soil	14.9	121.0	20.6	524	1.3	90.0	7.1	291	3.83	35.9	7.1	4.8	65	2.8	6.9	1.3	113	0.54	0.292	31
EI0700	Soil	18.8	144.1	32.5	545	0.9	123.0	11.9	388	3.24	35.4	5.0	0.9	43	1.5	6.8	1.0	117	0.42	0.254	26
EI0750	Soil	27.8	116.9	27.8	823	0.6	131.8	12.5	515	2.55	50.9	3.0	0.6	54	6.7	5.8	1.0	109	0.50	0.358	34
EI0800	Soil	18.9	99.5	38.5	317	0.4	93.4	8.2	324	2.67	44.1	3.2	0.4	30	1.6	6.9	1.2	119	0.20	0.137	24
EI0850	Soil	20.6	85.8	32.9	307	1.2	76.8	7.2	276	3.33	34.1	2.8	3.9	52	0.9	4.0	1.7	109	0.31	0.230	20
EI0900	Soil	22.2	67.0	29.0	307	0.7	73.9	5.8	186	2.72	37.0	2.0	1.3	46	1.4	6.6	1.3	103	0.17	0.153	23
EI0950	Soil	19.7	75.9	29.8	297	1.1	69.9	5.3	177	2.43	25.7	11.3	2.2	34	0.9	3.5	1.6	111	0.22	0.204	18
EI1000	Soil	17.3	78.7	33.6	303	1.0	74.9	5.4	132	2.43	29.7	2.4	0.2	29	0.7	4.2	1.3	103	0.18	0.166	19
EI1050	Soil	17.6	77.1	34.0	286	1.0	74.9	4.8	117	2.49	44.3	1.9	0.2	21	0.5	8.4	1.9	97	0.04	0.101	21
EI1100	Soil	15.8	91.9	28.3	248	0.7	84.5	8.6	503	2.48	30.8	3.8	0.1	24	0.6	3.2	2.1	123	0.10	0.166	18
EI1150	Soil	19.9	136.0	25.3	494	1.4	121.1	19.9	252	4.76	41.6	4.9	5.7	48	1.6	7.2	1.6	104	0.36	0.330	22
EI1200	Soil	13.6	76.0	22.0	359	1.2	78.6	9.2	284	2.64	48.7	2.9	2.9	50	1.3	8.9	1.4	172	0.50	0.410	20
EI1250	Soil	17.6	103.7	35.8	470	2.2	107.5	5.7	126	2.89	40.4	4.6	2.0	49	1.8	5.9	2.4	173	0.33	0.308	27
EI1300	Soil	11.3	90.4	29.8	297	1.4	52.4	18.9	663	3.55	23.2	6.9	8.2	67	0.7	2.7	1.8	104	0.21	0.296	28
EI1350	Soil	10.5	197.3	19.6	1297	1.0	198.3	29.9	310	3.21	23.3	4.5	3.1	37	2.6	2.3	1.4	72	0.34	0.253	33
EI1400	Soil	35.4	215.0	21.1	337	1.0	77.5	16.5	661	5.20	30.9	14.3	2.8	37	0.9	2.3	3.6	99	0.32	0.283	14
EI1450	Soil	17.7	114.6	14.4	494	0.7	119.0	10.8	240	2.52	36.7	6.8	0.4	34	3.0	3.0	1.3	115	0.29	0.202	20
EI1500	Soil	24.7	212.3	21.4	1570	1.3	299.8	36.7	528	3.97	55.0	8.2	3.9	57	10.7	4.9	1.7	155	0.57	0.284	33
EI1550	Soil	17.8	81.8	27.7	198	0.8	59.7	7.9	236	3.92	91.9	4.4	1.5	33	1.2	4.5	1.9	128	0.31	0.321	13
EI1600	Soil	23.6	60.0	34.7	167	0.3	53.0	6.0	146	3.63	92.4	12.3	4.1	30	0.4	10.4	2.9	144	0.26	0.385	11
EI1650	Soil	24.7	158.9	41.2	260	2.8	64.2	6.5	208	7.08	161.3	8.4	7.4	35	0.7	6.3	4.3	218	0.31	0.934	15
EI1700	Soil	9.5	33.6	26.9	79	0.4	17.3	3.1	104	1.53	30.2	3.5	2.1	22	0.1	2.3	1.2	66	0.14	0.050	9
EI1750	Soil	5.7	11.0	5.2	47	<0.1	9.9	1.3	24	0.49	13.2	2.4	0.2	10	<0.1	1.6	0.3	30	0.05	0.022	12
EI1800	Soil	23.8	69.3	37.0	145	0.8	29.7	5.4	191	3.51	105.0	2.7	7.2	23	0.4	4.1	1.8	131	0.21	0.235	13
EI1850	Soil	7.7	20.4	12.2	53	0.2	15.3	2.3	48	0.90	22.6	2.1	1.0	15	0.3	1.6	0.6	48	0.13	0.046	13

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Project: Expo 2011
Report Date: September 07, 2011

CERTIFICATE OF ANALYSIS WHI11001230.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EI0400	Soil	29	0.23	512	0.065	<1	0.57	0.009	0.11	0.2	0.05	1.5	0.2	0.17	3	4.3	0.7
EI0450	Soil	50	0.61	750	0.219	<1	1.24	0.018	0.11	0.1	<0.01	3.7	0.2	0.25	3	5.9	1.1
EI0500	Soil	34	1.03	939	0.075	<1	1.00	0.006	0.08	0.2	0.06	3.6	0.2	0.12	3	3.9	0.3
EI0550	Soil	30	0.46	562	0.039	<1	0.61	0.006	0.06	0.3	0.08	2.9	<0.1	0.09	2	4.7	0.3
EI0600	Soil	31	0.37	779	0.009	<1	0.73	0.005	0.06	0.4	0.11	2.4	0.2	0.07	3	5.4	0.3
EI0650	Soil	40	0.80	867	0.149	<1	1.07	0.010	0.27	0.1	0.10	2.9	0.5	0.33	4	4.5	<0.2
EI0700	Soil	40	0.53	435	0.020	<1	0.82	0.005	0.08	0.2	0.12	2.0	0.2	0.10	3	6.1	0.2
EI0750	Soil	34	0.34	631	0.011	<1	0.84	0.006	0.08	0.3	0.03	1.1	0.3	0.15	3	5.5	0.3
EI0800	Soil	38	0.29	466	0.026	<1	0.67	0.005	0.06	0.2	0.02	0.8	0.2	0.08	4	4.1	0.2
EI0850	Soil	27	0.37	487	0.142	<1	0.59	0.006	0.16	0.2	0.03	1.7	0.3	0.26	3	4.2	0.5
EI0900	Soil	23	0.11	534	0.078	<1	0.36	0.006	0.14	0.2	0.03	1.5	0.2	0.23	2	5.6	0.4
EI0950	Soil	20	0.26	360	0.060	<1	0.54	0.005	0.08	0.2	0.03	1.4	0.2	0.13	3	4.2	0.2
EI1000	Soil	24	0.15	270	0.019	<1	0.51	0.005	0.05	0.2	0.04	0.6	0.2	0.09	3	4.4	0.3
EI1050	Soil	23	0.10	277	0.016	<1	0.50	0.004	0.06	0.1	0.04	0.4	0.2	0.11	3	3.9	0.3
EI1100	Soil	35	0.13	287	0.005	1	0.46	0.005	0.06	0.2	0.02	0.2	0.1	0.10	3	4.3	0.3
EI1150	Soil	30	0.37	1134	0.089	<1	1.27	0.007	0.05	0.2	0.03	2.4	<0.1	0.15	2	7.4	0.3
EI1200	Soil	37	0.28	568	0.064	<1	0.66	0.004	0.06	0.3	0.02	1.8	0.1	0.09	3	4.1	<0.2
EI1250	Soil	32	0.25	817	0.096	<1	0.71	0.006	0.08	0.2	0.04	2.0	0.2	0.17	5	4.8	0.5
EI1300	Soil	38	0.48	402	0.108	<1	1.10	0.009	0.22	0.3	0.02	2.0	0.6	0.14	4	3.6	0.3
EI1350	Soil	39	0.60	537	0.055	1	1.35	0.005	0.09	0.4	0.12	2.7	0.3	0.08	4	2.7	<0.2
EI1400	Soil	39	0.72	487	0.077	<1	1.38	0.005	0.24	2.4	0.03	2.1	0.8	0.13	4	5.5	0.7
EI1450	Soil	33	0.41	308	0.032	1	0.90	0.013	0.05	0.3	0.02	1.0	0.2	0.06	3	3.8	0.3
EI1500	Soil	47	0.79	418	0.067	1	1.15	0.008	0.08	0.4	0.04	3.7	0.2	0.05	3	6.2	0.4
EI1550	Soil	40	0.41	428	0.045	1	0.97	0.005	0.07	0.5	0.02	1.9	0.2	<0.05	4	5.8	0.4
EI1600	Soil	33	0.35	352	0.084	<1	0.84	0.004	0.06	0.6	0.01	1.7	0.2	<0.05	6	5.5	0.4
EI1650	Soil	62	0.47	394	0.074	1	1.59	0.006	0.08	0.7	0.08	3.0	0.3	<0.05	6	6.7	0.7
EI1700	Soil	13	0.16	148	0.093	<1	0.56	0.006	0.13	0.3	0.01	0.9	0.2	<0.05	5	2.1	0.2
EI1750	Soil	7	0.04	96	0.013	<1	0.37	0.004	0.05	0.1	<0.01	0.3	0.1	<0.05	3	1.1	<0.2
EI1800	Soil	27	0.38	189	0.061	<1	1.06	0.006	0.09	0.6	0.18	1.9	0.2	<0.05	5	3.8	0.6
EI1850	Soil	11	0.07	111	0.034	<1	0.46	0.006	0.05	0.2	0.01	0.6	0.2	<0.05	3	1.2	0.2

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	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EI1900	Soil	9.1	299.7	15.5	2539	0.5	346.6	21.9	1008	4.91	18.6	2.0	17.2	61	4.9	0.9	0.4	46	0.50	0.143	40
EI1950	Soil	7.3	533.0	24.7	536	1.7	113.8	8.3	265	2.70	31.4	4.1	1.6	46	10.1	1.2	0.6	53	0.37	0.128	65
EI2000	Soil	12.1	364.0	27.9	497	0.5	97.0	8.9	297	2.42	25.7	4.2	3.3	30	2.6	1.8	0.9	60	0.30	0.080	34
EI2050	Soil	10.1	64.3	19.1	183	0.5	34.5	7.7	268	1.92	31.0	2.0	2.0	22	1.9	1.8	0.8	63	0.19	0.059	18
EI2100	Soil	14.7	208.8	37.7	463	1.0	103.1	12.4	378	2.66	57.7	7.2	3.9	40	4.8	3.9	1.2	89	0.44	0.178	45
EI2150	Soil	15.4	282.2	28.5	695	0.7	146.0	15.1	455	2.92	58.6	5.3	5.5	43	3.6	5.5	1.2	127	0.40	0.196	72
EI2200	Soil	11.8	63.5	45.4	238	1.3	52.9	6.5	229	2.94	65.2	6.0	4.1	23	0.7	4.1	2.8	122	0.21	0.191	14
EI2250	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.
EI2300	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.
EI2350	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.
EI2400	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.
EI2450	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.
EI2500	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.
EJ0000	Soil	3.4	14.2	42.4	80	<0.1	14.3	7.7	1234	2.50	12.8	2.2	8.5	14	0.2	0.6	0.4	21	0.07	0.057	24
EJ0050	Soil	6.0	13.7	31.7	54	<0.1	13.1	4.3	349	2.50	8.9	1.7	4.5	9	<0.1	0.7	0.4	26	0.03	0.053	26
EJ0100	Soil	7.5	18.8	36.6	47	0.3	9.0	5.6	405	2.40	7.2	1.9	10.4	12	0.2	0.5	0.6	25	0.04	0.035	30
EJ0150	Soil	3.7	35.9	55.6	82	0.2	16.5	5.9	389	2.79	11.0	3.8	5.8	20	0.3	0.8	0.9	24	0.10	0.090	33
EJ0200	Soil	6.6	93.7	32.6	188	0.3	64.4	13.1	323	2.77	19.6	5.6	15.3	36	0.4	1.5	0.8	66	0.30	0.142	35
EJ0250	Soil	4.3	41.0	39.4	91	0.5	19.2	5.6	357	2.32	9.4	2.3	1.7	20	0.2	0.7	0.9	37	0.08	0.068	23
EJ0300	Soil	6.1	108.5	47.3	190	0.1	53.9	12.4	490	3.41	14.5	3.7	9.2	34	0.7	1.6	2.5	111	0.25	0.117	29
EJ0350	Soil	9.3	104.4	23.2	240	0.7	74.1	9.6	431	2.86	14.1	4.3	0.7	34	1.0	2.1	2.5	156	0.26	0.255	19
EJ0400	Soil	10.8	105.0	20.7	226	0.4	73.0	7.5	314	2.83	20.4	9.3	1.3	42	0.5	3.3	2.9	121	0.32	0.228	24
EJ0450	Soil	7.6	39.4	26.9	82	1.0	25.0	3.5	229	2.38	10.3	1.2	0.2	24	0.3	1.7	14.0	92	0.09	0.135	12
EJ0500	Soil	10.6	63.6	29.5	231	0.6	60.7	7.0	252	3.12	21.3	5.4	2.0	34	0.8	2.3	1.6	126	0.27	0.339	22
EJ0550	Soil	18.7	105.2	36.7	387	0.9	97.3	23.5	785	3.08	24.5	4.7	0.4	41	1.3	2.8	1.5	152	0.24	0.194	24
EJ0600	Soil	12.1	151.1	29.6	358	1.1	112.7	7.6	208	2.92	80.5	4.4	0.4	44	1.2	9.1	0.9	128	0.47	0.294	24
EJ0650	Soil	7.4	429.2	17.6	372	1.3	169.9	59.8	1142	13.55	111.6	34.6	2.3	29	3.5	7.7	2.8	89	0.48	0.191	49
EJ0700	Soil	4.2	55.2	14.5	67	0.5	24.3	4.6	134	2.58	10.7	2.5	1.9	30	0.2	1.6	1.2	54	0.09	0.065	19
EJ0750	Soil	20.0	307.0	29.3	379	0.7	104.6	59.5	478	6.08	77.6	11.9	10.3	100	1.2	5.5	1.8	102	0.37	0.244	51
EJ0800	Soil	17.3	206.9	34.8	691	1.0	209.8	38.5	508	4.20	57.5	8.0	6.2	71	2.2	9.2	1.4	113	0.68	0.379	31

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Client: **18526 Yukon Inc.**
P.O. Box 11250
Whitehorse Yukon Y1A 6N4 Canada

Project: Expo 2011
Report Date: September 07, 2011

CERTIFICATE OF ANALYSIS WHI11001230.1

		Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EI1900	Soil		30	1.11	440	0.173	2	2.13	0.005	0.45	0.2	0.02	3.4	0.9	<0.05	6	1.1	<0.2
EI1950	Soil		25	0.41	611	0.053	<1	1.61	0.010	0.18	0.2	0.07	1.8	0.4	0.06	5	2.1	<0.2
EI2000	Soil		31	0.49	485	0.037	<1	1.22	0.006	0.12	0.4	0.06	2.3	0.3	<0.05	4	1.6	0.3
EI2050	Soil		24	0.29	345	0.048	<1	0.90	0.005	0.13	0.3	0.02	1.6	0.2	<0.05	3	1.2	<0.2
EI2100	Soil		41	0.43	811	0.054	<1	1.12	0.010	0.13	0.6	0.06	2.7	0.2	<0.05	4	2.9	0.4
EI2150	Soil		47	0.65	1481	0.050	1	1.56	0.008	0.20	0.4	0.06	3.4	0.3	<0.05	4	2.7	<0.2
EI2200	Soil		33	0.31	430	0.054	<1	1.15	0.008	0.12	0.4	0.04	1.8	0.2	<0.05	6	3.2	1.1
EI2250	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.
EI2300	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.
EI2350	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.
EI2400	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.
EI2450	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.
EI2500	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.
EJ0000	Soil		24	0.45	88	0.034	1	1.21	0.007	0.17	0.2	0.02	0.9	0.3	<0.05	5	<0.5	<0.2
EJ0050	Soil		36	0.21	69	0.029	<1	1.16	0.007	0.15	0.2	0.02	0.6	0.2	<0.05	5	<0.5	<0.2
EJ0100	Soil		18	0.16	120	0.043	<1	1.05	0.006	0.14	0.2	0.02	0.9	0.2	<0.05	4	<0.5	<0.2
EJ0150	Soil		22	0.31	721	0.028	<1	1.55	0.006	0.21	0.4	0.04	0.9	0.3	<0.05	4	<0.5	<0.2
EJ0200	Soil		38	0.56	379	0.065	<1	1.50	0.006	0.13	0.5	0.04	2.5	0.3	<0.05	4	0.8	<0.2
EJ0250	Soil		21	0.31	182	0.021	<1	1.46	0.006	0.17	0.3	0.03	0.6	0.3	<0.05	5	0.9	<0.2
EJ0300	Soil		40	0.67	737	0.044	1	1.88	0.007	0.18	1.4	0.01	2.2	0.4	<0.05	5	1.4	<0.2
EJ0350	Soil		52	0.34	849	0.021	<1	1.36	0.020	0.11	0.4	0.06	1.2	0.2	0.06	4	2.6	<0.2
EJ0400	Soil		46	0.48	290	0.067	<1	1.04	0.006	0.09	0.3	0.03	1.5	0.1	0.09	4	3.0	1.2
EJ0450	Soil		42	0.15	331	0.080	<1	0.96	0.009	0.06	<0.1	0.05	0.6	<0.1	0.10	5	1.5	1.0
EJ0500	Soil		47	0.43	331	0.101	<1	1.12	0.008	0.09	0.4	0.05	1.8	<0.1	0.10	4	2.9	0.2
EJ0550	Soil		51	0.47	483	0.051	<1	1.03	0.009	0.10	0.2	0.04	1.2	0.2	0.11	4	4.4	0.4
EJ0600	Soil		40	0.31	876	0.016	<1	0.77	0.008	0.07	0.4	0.12	2.0	0.1	0.09	3	3.9	0.3
EJ0650	Soil		56	1.16	341	0.007	<1	1.41	0.005	0.04	0.1	0.07	21.1	0.3	<0.05	4	5.5	0.7
EJ0700	Soil		31	0.32	230	0.202	<1	0.91	0.008	0.08	<0.1	0.05	1.6	0.1	0.09	4	1.6	<0.2
EJ0750	Soil		44	0.73	489	0.148	<1	1.27	0.016	0.17	2.9	0.05	4.4	0.3	0.26	4	9.5	0.4
EJ0800	Soil		50	0.66	516	0.083	<1	1.14	0.010	0.08	0.3	0.05	3.8	0.2	0.11	3	5.8	0.3

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Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EJ0850	Soil	15.0	78.0	30.4	216	0.4	65.9	8.1	257	2.89	36.5	3.2	0.5	32	0.7	4.4	1.3	97	0.18	0.132	21
EJ0900	Soil	13.7	84.7	23.7	227	1.4	75.5	6.8	177	4.46	45.6	3.0	1.8	42	0.8	3.9	1.4	97	0.25	0.517	20
EJ0950	Soil	16.5	95.3	30.9	320	0.9	91.8	10.0	282	3.42	37.0	4.7	3.6	46	1.1	4.6	1.4	96	0.36	0.301	21
EJ1000	Soil	13.2	79.4	22.4	224	1.9	72.9	7.5	217	4.25	54.0	15.7	2.3	33	0.7	4.1	1.6	99	0.19	0.289	19
EJ1050	Soil	9.2	46.0	20.3	139	0.4	41.9	4.0	99	2.45	34.5	3.0	1.0	19	0.3	3.2	1.1	82	0.06	0.120	15
EJ1100	Soil	10.1	288.1	24.5	721	4.3	305.0	21.1	585	4.12	70.9	20.9	3.5	53	2.6	6.1	1.6	74	0.43	0.207	41
EJ1150	Soil	16.1	140.7	23.5	477	0.7	136.6	33.2	785	2.92	37.9	4.1	0.4	37	1.7	3.5	1.7	109	0.36	0.229	23
EJ1200	Soil	15.7	370.9	17.2	277	1.0	153.5	23.7	563	5.44	32.3	14.5	5.6	31	1.4	5.4	3.0	52	0.19	0.215	33
EJ1250	Soil	22.4	351.5	31.3	177	0.8	92.4	27.8	1065	9.31	25.4	77.8	2.9	48	0.4	2.3	18.2	146	0.38	0.332	12
EJ1300	Soil	15.4	125.3	16.5	308	0.6	80.5	17.8	943	2.16	21.6	3.6	0.3	24	2.1	2.3	1.0	108	0.18	0.172	16
EJ1350	Soil	15.6	112.9	20.7	297	0.2	75.7	11.0	330	2.40	23.5	3.4	4.5	56	1.4	1.8	1.3	112	0.38	0.144	28
EJ1400	Soil	19.1	88.9	20.0	165	0.4	45.8	8.4	544	3.04	55.5	12.1	1.3	25	1.3	3.6	2.2	119	0.12	0.142	10
EJ1450	Soil	48.1	542.8	31.2	2043	0.3	412.8	50.1	1023	6.20	102.6	21.2	4.1	53	7.0	6.2	2.5	156	0.58	0.263	63
EJ1500	Soil	7.0	28.2	6.6	78	0.2	20.0	3.1	69	0.92	11.3	3.8	0.2	8	0.2	1.7	0.4	35	0.03	0.036	9
EJ1550	Soil	9.7	55.3	18.6	125	0.2	32.3	5.0	114	2.55	75.4	2.8	0.1	20	1.0	3.1	1.3	87	0.18	0.125	13
EJ1600	Soil	19.3	69.4	70.5	147	2.9	35.4	4.6	148	4.78	165.4	9.1	0.6	47	0.5	7.9	2.7	107	0.55	0.387	14
EJ1650	Soil	14.0	55.3	33.7	204	0.9	52.6	3.9	130	2.88	108.3	3.3	7.8	23	0.5	7.4	1.5	125	0.23	0.295	13
EA-A	Soil	22.3	102.8	33.7	85	0.4	24.2	15.0	796	2.89	8.3	4.7	22.8	21	0.3	0.6	0.3	37	0.19	0.062	32
EA-B	Soil	4.9	86.3	20.6	92	0.2	24.2	11.1	350	2.48	7.4	2.9	5.4	30	0.5	0.8	0.5	39	0.37	0.091	11
EA-2	Soil	0.9	27.4	7.9	47	0.1	32.0	8.8	404	2.06	7.2	2.4	4.5	96	0.3	0.7	0.1	45	2.86	0.082	12
EB-B	Soil	26.2	148.2	41.3	1317	0.9	242.1	19.1	652	3.43	49.6	6.6	5.4	32	6.7	6.2	1.4	120	0.58	0.139	31
EB-C	Soil	11.2	69.0	19.2	94	<0.1	29.1	5.2	212	2.99	22.4	<0.5	5.5	21	0.3	2.4	0.8	68	0.31	0.100	9
EB-2	Soil	0.9	30.0	8.3	52	<0.1	35.1	9.6	433	2.18	7.6	2.5	4.8	98	0.2	0.7	0.1	49	2.91	0.087	13
EB-4	Soil	1.1	29.0	8.4	50	0.1	32.9	9.4	420	2.12	8.3	2.8	4.9	98	0.3	0.7	0.1	48	2.81	0.087	13
LANDSLIDE 1	Soil	1.0	29.3	8.5	51	0.1	34.8	9.9	445	2.24	7.8	2.6	4.9	96	0.2	0.7	0.2	49	2.96	0.084	13
CONTROL 1	Soil	5.9	193.3	11.1	57	0.4	11.9	1.2	99	6.28	33.4	4.5	14.7	48	<0.1	1.5	3.6	21	0.02	0.141	36
CONTROL 2	Soil	1.1	31.2	8.9	53	0.1	35.6	10.2	452	2.32	8.4	4.1	4.9	96	0.3	0.7	0.2	51	3.00	0.089	13
EC-4	Soil	1.0	29.8	8.7	52	0.1	34.8	9.9	445	2.27	8.0	1.9	4.8	99	0.3	0.7	0.2	49	3.00	0.086	13
EC-5	Soil	0.9	30.7	8.7	53	0.1	35.4	9.9	456	2.31	8.0	2.7	4.9	98	0.2	0.7	0.2	51	3.00	0.090	13
EC-A	Soil	41.4	364.1	20.5	854	0.4	401.3	22.4	234	4.66	25.7	2.7	2.2	41	1.0	3.0	1.3	68	0.04	0.111	30

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	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EJ0850	Soil	40	0.34	450	0.047	<1	1.02	0.007	0.07	0.2	0.03	0.9	0.2	0.11	4	3.4	0.2
EJ0900	Soil	54	0.31	665	0.080	<1	1.23	0.008	0.08	0.2	0.09	2.2	0.1	0.13	4	4.4	0.2
EJ0950	Soil	44	0.52	407	0.112	1	1.04	0.007	0.09	0.2	0.04	2.2	0.2	0.12	4	3.2	<0.2
EJ1000	Soil	54	0.41	379	0.090	<1	1.20	0.008	0.06	0.3	0.07	2.2	0.2	0.05	4	4.5	0.3
EJ1050	Soil	28	0.14	253	0.092	<1	0.71	0.007	0.05	0.2	0.02	1.1	0.2	<0.05	4	2.5	0.2
EJ1100	Soil	82	0.64	329	0.072	1	1.50	0.009	0.08	0.3	0.12	3.7	0.3	<0.05	4	5.1	0.5
EJ1150	Soil	37	0.33	381	0.019	<1	0.86	0.012	0.07	0.3	0.04	1.1	0.3	<0.05	4	4.9	0.4
EJ1200	Soil	50	0.74	346	0.009	<1	1.42	0.005	0.13	0.2	0.03	4.2	0.5	<0.05	4	4.9	0.7
EJ1250	Soil	90	1.34	959	0.057	<1	1.89	0.006	0.25	5.3	0.04	3.3	0.8	0.12	7	13.3	3.5
EJ1300	Soil	34	0.36	471	0.008	1	0.88	0.011	0.09	0.2	0.04	0.6	0.3	<0.05	4	1.7	<0.2
EJ1350	Soil	43	0.62	1326	0.030	<1	0.84	0.003	0.09	0.2	0.02	1.8	0.1	<0.05	3	2.3	<0.2
EJ1400	Soil	25	0.20	4013	0.059	<1	0.69	0.006	0.06	0.4	0.02	1.2	0.1	<0.05	5	5.9	0.5
EJ1450	Soil	53	0.77	516	0.031	1	1.68	0.008	0.14	0.6	0.13	6.6	0.6	<0.05	5	7.1	0.8
EJ1500	Soil	9	0.04	431	0.016	<1	0.34	0.013	0.05	0.2	0.01	0.4	0.2	<0.05	2	1.9	0.2
EJ1550	Soil	25	0.23	243	0.006	<1	1.23	0.007	0.06	0.2	0.04	0.2	0.2	<0.05	5	3.6	0.4
EJ1600	Soil	39	0.35	477	0.021	<1	1.49	0.008	0.13	0.5	0.04	0.8	0.5	0.16	4	10.3	0.7
EJ1650	Soil	41	0.33	244	0.024	<1	1.05	0.005	0.10	0.5	0.02	1.7	0.4	<0.05	4	4.1	0.4
EA-A	Soil	18	0.51	150	0.033	<1	1.32	0.007	0.14	0.4	0.04	4.3	0.1	<0.05	4	1.1	<0.2
EA-B	Soil	24	0.60	97	0.062	<1	1.20	0.005	0.13	0.3	0.02	2.7	0.1	<0.05	3	1.0	0.2
EA-2	Soil	38	1.03	140	0.089	1	1.11	0.045	0.11	0.2	0.03	3.4	<0.1	0.47	4	1.4	<0.2
EB-B	Soil	48	0.63	345	0.070	<1	1.28	0.005	0.10	0.5	0.06	3.5	0.2	<0.05	3	3.1	0.4
EB-C	Soil	29	0.19	308	0.120	<1	0.70	0.005	0.08	0.5	<0.01	2.1	0.2	<0.05	6	0.9	0.3
EB-2	Soil	42	1.13	148	0.098	1	1.17	0.049	0.12	0.2	0.03	3.9	<0.1	0.49	4	1.3	<0.2
EB-4	Soil	39	1.13	157	0.096	1	1.20	0.046	0.12	0.2	0.02	3.7	<0.1	0.48	4	1.0	<0.2
LANDSLIDE 1	Soil	42	1.20	156	0.103	2	1.24	0.047	0.13	0.3	0.03	3.9	0.1	0.55	4	1.7	<0.2
CONTROL 1	Soil	22	0.36	219	0.002	<1	0.88	0.005	0.09	<0.1	<0.01	1.0	0.1	0.24	3	4.9	0.5
CONTROL 2	Soil	42	1.27	155	0.104	2	1.27	0.048	0.14	0.3	0.03	4.0	<0.1	0.58	4	1.5	<0.2
EC-4	Soil	41	1.20	156	0.100	1	1.26	0.052	0.13	0.3	0.03	3.9	0.1	0.56	4	1.7	<0.2
EC-5	Soil	43	1.22	159	0.103	1	1.29	0.051	0.14	0.3	0.03	3.9	<0.1	0.53	4	1.7	<0.2
EC-A	Soil	23	0.04	440	0.008	<1	0.40	0.004	0.07	0.3	<0.01	1.8	0.2	<0.05	2	6.5	0.9

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EC-B	Soil	7.2	206.4	24.2	382	2.9	160.4	19.0	293	3.06	28.6	10.1	2.9	22	1.1	1.3	2.6	53	0.22	0.222	25
ED-C	Soil	19.0	63.0	37.8	165	1.3	43.6	11.8	492	3.87	40.0	1.1	1.0	21	0.9	1.8	1.0	98	0.30	0.274	14
EC-4	Soil	1.1	32.6	8.8	59	0.1	37.6	10.0	456	2.33	8.6	1.2	5.1	102	0.3	0.7	0.2	53	2.90	0.088	15
EE-A	Soil	12.1	238.6	43.9	386	1.0	160.1	20.3	687	4.04	46.5	5.0	2.3	34	1.1	1.7	0.6	102	0.33	0.241	28
EE-C	Soil	13.5	215.5	20.5	789	0.4	132.2	9.5	366	2.49	25.6	3.6	5.3	41	7.6	5.4	0.6	70	0.47	0.081	22
EE-4	Soil	0.9	29.5	8.6	50	0.1	34.0	9.5	437	2.22	7.9	4.1	4.6	95	0.3	0.7	0.2	49	2.95	0.089	13
EE-5	Soil	1.2	33.1	8.8	63	0.1	36.9	10.3	472	2.36	8.7	4.1	5.2	102	0.3	1.0	0.2	52	3.09	0.089	15
EF-A	Soil	9.2	224.0	11.0	120	0.3	136.4	15.1	310	2.06	12.2	3.7	4.3	40	0.5	6.8	0.9	59	0.54	0.250	28
EF-1	Soil	0.8	29.5	8.3	50	0.1	34.5	9.7	440	2.22	8.1	2.8	4.8	96	0.3	0.6	0.1	49	2.93	0.085	13
EG-A	Soil	14.5	249.9	16.4	188	0.5	149.6	11.5	248	2.74	24.3	6.4	1.1	50	0.5	5.2	1.1	104	0.54	0.303	31
EG-3	Soil	22.3	85.1	27.9	333	1.3	91.4	5.3	172	2.56	104.7	6.6	1.5	65	0.9	6.2	3.0	181	0.64	0.397	23
EH-B	Soil	0.9	29.7	9.3	49	0.1	32.6	8.7	396	2.04	7.5	3.0	5.4	95	0.3	0.7	0.2	43	2.63	0.085	14
EH-1	Soil	50.3	323.0	75.2	1505	2.1	348.6	63.5	1196	4.77	51.6	9.1	8.9	79	14.8	6.6	3.2	158	0.49	0.332	46
EH900X	Soil	1.0	33.6	10.6	55	0.1	36.9	10.1	439	2.27	8.6	2.5	5.5	105	0.3	0.7	0.2	49	2.90	0.088	14
EH900Y	Soil	21.5	194.9	94.6	648	1.6	184.8	20.0	703	4.00	49.2	6.6	0.7	39	3.1	3.0	1.5	144	0.27	0.204	33
EI-C	Soil	16.4	246.2	35.0	518	1.1	124.7	16.0	447	2.84	54.9	5.3	4.7	44	5.0	4.5	1.7	96	0.47	0.184	49
EI-5	Soil	1.1	35.3	10.9	56	0.1	37.4	10.2	453	2.32	8.5	2.4	5.9	97	0.3	0.7	0.2	51	2.92	0.092	15
EJ-A	Soil	6.6	103.4	36.0	201	0.3	67.8	13.1	340	2.82	19.3	4.2	16.8	34	0.5	1.4	1.0	65	0.28	0.136	37
EJ-3	Soil	1.0	34.2	10.2	55	0.1	37.3	9.9	444	2.24	8.2	2.0	5.7	102	0.3	0.7	0.2	49	2.91	0.089	14
EA5	Soil	1.1	34.6	10.4	56	0.1	36.7	10.0	440	2.26	8.2	1.9	5.8	99	0.3	0.7	0.2	50	2.78	0.089	14
EDA	Soil	30.4	406.0	28.5	548	2.1	319.3	37.4	642	4.49	53.6	10.8	3.7	72	3.4	6.0	1.0	157	0.53	0.421	40

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Project: Expo 2011
Report Date: September 07, 2011

CERTIFICATE OF ANALYSIS WHI11001230.1

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EC-B	Soil	35	0.56	237	0.027	<1	0.94	0.005	0.05	0.2	0.07	2.5	0.1	<0.05	3	3.2	0.7
ED-C	Soil	34	0.31	559	0.048	<1	1.43	0.008	0.11	0.4	0.04	1.7	0.2	<0.05	5	2.3	<0.2
EC-4	Soil	44	1.18	188	0.114	1	1.24	0.046	0.14	0.3	0.03	3.9	<0.1	0.49	4	1.2	<0.2
EE-A	Soil	51	0.53	304	0.019	1	1.22	0.005	0.11	0.4	0.11	2.6	0.3	0.05	4	7.1	0.3
EE-C	Soil	31	0.66	497	0.045	1	1.57	0.008	0.27	0.3	0.12	4.3	0.3	<0.05	4	1.8	0.3
EE-4	Soil	41	1.19	145	0.098	1	1.19	0.049	0.13	0.2	0.04	3.8	0.1	0.53	4	1.5	<0.2
EE-5	Soil	44	1.17	191	0.118	2	1.29	0.045	0.15	0.4	0.03	4.1	0.1	0.45	4	1.6	<0.2
EF-A	Soil	26	0.42	253	0.043	<1	0.76	0.006	0.08	2.3	0.02	2.0	0.2	<0.05	3	3.2	0.4
EF-1	Soil	41	1.08	153	0.096	1	1.20	0.040	0.13	0.2	0.03	3.8	<0.1	0.44	4	0.9	<0.2
EG-A	Soil	49	0.60	475	0.027	1	0.87	0.005	0.08	5.6	0.04	2.1	0.2	<0.05	4	5.0	0.4
EG-3	Soil	39	0.25	418	0.062	1	0.59	0.006	0.07	0.3	0.03	1.7	0.1	0.07	3	6.3	0.6
EH-B	Soil	37	1.04	151	0.099	2	1.10	0.046	0.11	0.2	0.03	3.9	<0.1	0.52	4	1.3	<0.2
EH-1	Soil	37	0.41	499	0.050	<1	0.82	0.007	0.07	0.3	0.17	4.8	0.3	0.08	2	9.1	0.7
EH900X	Soil	43	1.10	164	0.111	2	1.19	0.046	0.12	0.2	0.03	4.3	<0.1	0.55	4	1.1	<0.2
EH900Y	Soil	69	0.84	494	0.016	<1	1.15	0.005	0.08	0.2	0.08	1.9	0.3	0.07	4	5.0	0.4
EI-C	Soil	42	0.48	783	0.064	<1	1.13	0.009	0.13	0.8	0.06	3.5	0.2	<0.05	4	4.2	0.4
EI-5	Soil	43	1.23	156	0.114	<1	1.27	0.048	0.13	0.2	0.03	4.6	<0.1	0.64	4	1.7	<0.2
EJ-A	Soil	37	0.53	374	0.071	<1	1.41	0.005	0.12	0.5	0.02	2.8	0.3	<0.05	4	1.3	<0.2
EJ-3	Soil	42	1.17	156	0.115	2	1.25	0.047	0.13	0.2	0.03	4.5	<0.1	0.69	4	1.1	<0.2
EA5	Soil	41	1.21	148	0.111	2	1.25	0.048	0.12	0.2	0.03	4.4	<0.1	0.62	4	1.6	<0.2
EDA	Soil	41	0.28	441	0.020	<1	1.12	0.009	0.10	0.5	0.12	2.9	0.3	0.12	3	14.4	0.4

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Project: Expo 2011
Report Date: September 07, 2011

QUALITY CONTROL REPORT WHI11001230.1

		Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																						
EG1050	Soil		42.5	146.6	16.6	1344	1.1	331.2	34.6	623	3.33	58.7	5.5	0.9	38	2.6	6.1	0.9	346	0.43	0.175	25
REP EG1050	QC		43.6	149.7	16.0	1367	1.1	338.7	34.3	630	3.43	60.1	5.6	0.8	40	2.6	6.8	0.9	375	0.43	0.186	26
EG2250	Soil		5.6	22.7	25.3	85	0.4	17.9	5.4	185	2.05	33.6	1.5	6.1	15	0.3	1.8	0.5	53	0.13	0.091	10
REP EG2250	QC		6.0	21.8	24.7	80	0.4	16.4	5.1	174	1.99	32.4	1.6	6.3	13	0.2	1.6	0.5	50	0.14	0.085	9
EH1050	Soil		33.2	146.2	14.4	678	1.0	165.2	25.1	758	3.81	78.9	5.3	2.4	42	2.3	4.3	1.0	364	0.52	0.407	32
REP EH1050	QC		31.3	147.6	14.4	698	1.1	165.4	25.0	735	3.71	79.1	5.8	2.1	40	2.4	4.5	0.9	383	0.53	0.402	33
EH2150	Soil		8.8	30.8	13.9	60	0.2	19.1	3.0	81	1.32	18.7	1.1	4.6	17	0.2	1.7	0.7	53	0.16	0.033	10
REP EH2150	QC		9.2	31.3	14.3	57	0.2	19.4	3.2	83	1.35	19.7	2.8	4.7	18	0.1	1.9	0.6	54	0.19	0.035	11
EH2350	Soil		2.4	30.0	42.0	91	<0.1	19.8	7.6	319	1.87	10.6	2.0	18.0	18	0.5	1.0	0.5	24	0.09	0.041	27
REP EH2350	QC		2.3	31.6	41.2	91	<0.1	20.7	7.5	315	1.86	10.6	0.9	17.5	17	0.5	0.9	0.5	24	0.09	0.039	26
EI1000	Soil		17.3	78.7	33.6	303	1.0	74.9	5.4	132	2.43	29.7	2.4	0.2	29	0.7	4.2	1.3	103	0.18	0.166	19
REP EI1000	QC		18.4	78.2	34.6	310	1.1	76.8	5.2	133	2.41	30.3	1.5	0.3	29	0.8	4.1	1.3	103	0.19	0.173	19
EI1500	Soil		24.7	212.3	21.4	1570	1.3	299.8	36.7	528	3.97	55.0	8.2	3.9	57	10.7	4.9	1.7	155	0.57	0.284	33
REP EI1500	QC		24.1	220.7	21.7	1618	1.2	300.6	37.0	533	4.14	54.4	9.4	3.9	55	10.0	4.5	1.8	155	0.57	0.293	33
EJ0300	Soil		6.1	108.5	47.3	190	0.1	53.9	12.4	490	3.41	14.5	3.7	9.2	34	0.7	1.6	2.5	111	0.25	0.117	29
REP EJ0300	QC		6.1	111.2	46.7	201	0.2	55.2	12.7	492	3.31	15.5	3.4	9.2	35	0.6	1.6	2.5	111	0.25	0.121	29
EJ1350	Soil		15.6	112.9	20.7	297	0.2	75.7	11.0	330	2.40	23.5	3.4	4.5	56	1.4	1.8	1.3	112	0.38	0.144	28
REP EJ1350	QC		15.7	112.5	21.2	301	0.2	75.4	11.0	338	2.47	23.5	4.6	4.4	55	1.5	1.8	1.4	115	0.41	0.146	29
EC-4	Soil		1.0	29.8	8.7	52	0.1	34.8	9.9	445	2.27	8.0	1.9	4.8	99	0.3	0.7	0.2	49	3.00	0.086	13
REP EC-4	QC		0.9	29.2	8.5	51	0.1	33.5	9.4	420	2.13	7.4	2.4	4.7	96	0.3	0.7	0.1	46	2.79	0.083	13
EG-A	Soil		14.5	249.9	16.4	188	0.5	149.6	11.5	248	2.74	24.3	6.4	1.1	50	0.5	5.2	1.1	104	0.54	0.303	31
REP EG-A	QC		13.9	248.5	16.0	186	0.5	146.8	11.2	243	2.74	24.7	3.9	1.0	49	0.5	5.1	1.0	103	0.53	0.297	31
Reference Materials																						
STD DS8	Standard		12.5	115.0	125.5	312	1.8	39.1	8.1	610	2.44	25.4	111.5	6.5	66	2.3	5.7	6.7	41	0.69	0.083	14
STD DS8	Standard		13.5	109.4	128.5	317	1.8	38.9	7.6	617	2.43	25.2	126.7	7.2	67	2.5	5.9	7.1	42	0.66	0.081	14
STD DS8	Standard		14.4	117.9	125.4	334	1.8	40.1	8.3	646	2.60	25.8	114.7	7.1	68	2.4	6.2	6.8	45	0.74	0.079	16
STD DS8	Standard		13.9	118.2	132.9	323	1.9	39.1	8.0	646	2.65	26.6	118.4	7.5	76	2.4	5.9	7.4	45	0.76	0.088	17
STD DS8	Standard		13.1	106.7	117.4	295	1.7	36.1	7.4	582	2.33	23.3	111.7	6.5	66	2.3	5.5	6.2	40	0.67	0.071	15

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QUALITY CONTROL REPORT WHI11001230.1

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
EG1050	Soil	56	0.78	361	0.047	3	0.86	0.008	0.05	0.3	0.07	2.3	<0.1	0.15	4	7.5	0.3
REP EG1050	QC	57	0.88	370	0.035	2	0.88	0.008	0.06	0.4	0.07	2.3	<0.1	0.23	4	7.7	0.3
EG2250	Soil	19	0.31	361	0.075	<1	0.91	0.009	0.13	0.3	0.02	1.1	0.2	<0.05	5	2.1	<0.2
REP EG2250	QC	17	0.28	321	0.059	<1	0.84	0.009	0.10	0.2	0.02	1.0	0.2	<0.05	5	1.3	<0.2
EH1050	Soil	57	0.52	317	0.061	<1	0.97	0.007	0.06	0.7	0.03	2.9	<0.1	0.08	3	6.7	0.3
REP EH1050	QC	56	0.57	318	0.072	<1	0.96	0.007	0.06	1.0	0.02	2.7	<0.1	0.07	3	6.1	0.2
EH2150	Soil	14	0.09	158	0.058	<1	0.53	0.004	0.05	0.5	<0.01	0.9	0.1	<0.05	4	0.8	<0.2
REP EH2150	QC	14	0.09	168	0.072	<1	0.57	0.004	0.05	0.6	<0.01	1.0	0.1	<0.05	5	<0.5	<0.2
EH2350	Soil	27	0.48	120	0.055	<1	1.16	0.004	0.15	0.3	0.01	1.5	0.2	<0.05	3	0.5	<0.2
REP EH2350	QC	24	0.47	118	0.051	<1	1.12	0.004	0.14	0.2	<0.01	1.5	0.3	<0.05	3	<0.5	<0.2
EI1000	Soil	24	0.15	270	0.019	<1	0.51	0.005	0.05	0.2	0.04	0.6	0.2	0.09	3	4.4	0.3
REP EI1000	QC	24	0.15	272	0.018	<1	0.52	0.005	0.05	0.2	0.03	0.6	0.2	0.10	3	3.7	0.4
EI1500	Soil	47	0.79	418	0.067	1	1.15	0.008	0.08	0.4	0.04	3.7	0.2	0.05	3	6.2	0.4
REP EI1500	QC	49	0.77	406	0.067	1	1.15	0.008	0.08	0.4	0.03	3.4	0.2	<0.05	3	5.7	0.5
EJ0300	Soil	40	0.67	737	0.044	1	1.88	0.007	0.18	1.4	0.01	2.2	0.4	<0.05	5	1.4	<0.2
REP EJ0300	QC	38	0.68	756	0.044	<1	1.86	0.007	0.18	1.5	0.02	2.3	0.4	<0.05	5	1.4	<0.2
EJ1350	Soil	43	0.62	1326	0.030	<1	0.84	0.003	0.09	0.2	0.02	1.8	0.1	<0.05	3	2.3	<0.2
REP EJ1350	QC	44	0.65	1339	0.033	<1	0.85	0.004	0.09	0.2	0.03	1.9	0.2	<0.05	3	2.2	0.2
EC-4	Soil	41	1.20	156	0.100	1	1.26	0.052	0.13	0.3	0.03	3.9	0.1	0.56	4	1.7	<0.2
REP EC-4	QC	39	1.13	146	0.088	1	1.19	0.050	0.12	0.2	0.02	3.5	<0.1	0.52	4	1.5	<0.2
EG-A	Soil	49	0.60	475	0.027	1	0.87	0.005	0.08	5.6	0.04	2.1	0.2	<0.05	4	5.0	0.4
REP EG-A	QC	47	0.59	478	0.027	<1	0.88	0.005	0.08	5.4	0.03	2.1	0.2	<0.05	3	4.5	0.4
Reference Materials																	
STD DS8	Standard	117	0.60	273	0.117	3	0.87	0.081	0.40	2.8	0.21	2.0	5.4	0.17	4	5.6	4.9
STD DS8	Standard	115	0.61	271	0.122	3	0.88	0.087	0.42	3.1	0.22	2.2	5.8	0.20	5	5.7	5.4
STD DS8	Standard	129	0.67	289	0.128	2	0.97	0.089	0.43	3.1	0.22	2.5	5.5	0.13	5	5.1	4.9
STD DS8	Standard	122	0.67	280	0.130	3	1.00	0.099	0.44	3.1	0.21	2.6	5.9	0.19	5	5.8	5.6
STD DS8	Standard	112	0.56	268	0.117	2	0.83	0.082	0.37	2.8	0.18	2.0	5.2	0.13	4	5.1	4.5

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Client: **18526 Yukon Inc.**
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Whitehorse Yukon Y1A 6N4 Canada

Project: Expo 2011
Report Date: September 07, 2011

QUALITY CONTROL REPORT WHI11001230.1

		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
STD DS8	Standard	14.1	123.9	131.4	330	1.9	39.1	7.8	634	2.59	25.9	113.6	8.1	78	2.3	6.5	8.2	43	0.71	0.079	17
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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Project: Expo 2011
Report Date: September 07, 2011

QUALITY CONTROL REPORT WHI11001230.1

		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD DS8	Standard	127	0.63	290	0.142	4	0.94	0.089	0.43	3.1	0.21	2.6	5.5	0.16	5	5.2	5.2
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	6	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Submitted By: Ron Berdahl
Receiving Lab: Canada-Whitehorse
Received: August 11, 2011
Report Date: September 16, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11001040.2

CLIENT JOB INFORMATION

Project: Expo 2011
Shipment ID:
P.O. Number
Number of Samples: 321

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	320	Dry at 60C			WHI
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
1DX3	318	1:1:1 Aqua Regia digestion ICP-MS analysis	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1DX3 Au included.

Invoice To: 18526 Yukon Inc.
P.O. Box 11250
Whitehorse Yukon Y1A 6N4
Canada

CC: Scott Berdahl

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.

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Client: **18526 Yukon Inc.**
P.O. Box 11250
Whitehorse Yukon Y1A 6N4 Canada

Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EA0000	Soil	1.9	49.0	15.9	114	0.4	60.5	34.5	2207	6.63	82.5	0.8	8.5	22	0.3	1.6	0.5	47	0.40	0.092	37
EA0050	Soil	2.0	53.2	66.0	312	0.4	23.0	21.3	1245	3.18	11.3	4.8	12.9	20	1.5	0.9	0.3	33	0.36	0.056	32
EA0100	Soil	2.7	25.3	10.5	52	0.2	16.6	17.5	725	2.06	12.4	1.0	11.9	23	0.1	0.8	0.1	26	0.33	0.048	27
EA0150	Soil	6.8	155.7	33.4	50	0.7	15.5	17.7	579	1.93	7.6	1.4	8.2	25	0.2	0.7	0.4	25	0.28	0.060	31
EA0200	Soil	2.6	18.1	15.0	38	<0.1	10.2	11.1	479	1.63	7.9	1.5	7.7	19	0.2	0.7	0.1	28	0.21	0.043	19
EA0250	Soil	5.0	55.1	28.1	53	0.1	29.4	14.7	642	1.73	7.5	<0.5	8.4	24	0.2	1.0	0.1	27	0.31	0.095	21
EA0300	Soil	11.6	66.8	14.4	72	0.3	28.8	15.7	1035	3.44	8.9	<0.5	11.0	23	0.3	1.0	0.2	62	0.30	0.064	30
EA0350	Soil	6.4	79.3	30.8	93	0.3	43.9	10.7	420	2.11	16.1	2.4	4.7	28	0.2	0.7	0.4	51	0.38	0.174	19
EA0400	Soil	5.2	57.0	23.3	61	0.2	19.2	15.7	1471	3.30	7.0	<0.5	10.8	11	0.2	0.3	0.1	37	0.15	0.055	27
EA0450	Soil	9.0	134.0	321.7	302	1.1	17.9	21.0	2713	3.29	7.5	5.2	33.6	32	2.2	1.3	0.5	27	0.26	0.058	78
EA0500	Soil	18.0	95.9	32.9	83	0.4	23.6	14.5	775	2.99	8.6	3.4	17.3	18	0.3	0.5	0.3	40	0.18	0.064	31
EA0550	Soil	13.1	107.1	25.4	77	0.2	23.6	15.6	723	2.67	8.2	1.2	7.7	16	0.3	0.5	0.3	33	0.13	0.077	21
EA0600	Soil	10.6	135.7	30.3	120	0.2	43.2	15.6	528	2.44	10.4	3.1	17.1	23	0.4	0.6	0.4	37	0.21	0.096	24
EA0650	Soil	9.6	144.5	31.1	180	0.7	77.7	12.1	584	2.01	15.6	2.0	5.1	37	0.5	0.6	0.4	62	0.38	0.193	25
EA0700	Soil	10.7	102.0	29.6	160	0.5	60.0	14.5	643	2.29	16.1	3.0	2.8	31	0.6	0.8	0.4	60	0.30	0.162	29
EA0750	Soil	8.5	221.7	23.7	314	1.1	178.3	18.2	417	3.53	21.3	1.6	3.3	66	0.9	1.4	0.8	91	0.35	0.284	31
EA0800	Soil	16.9	308.6	53.7	646	2.5	280.7	21.8	604	3.74	21.6	6.2	3.8	72	2.0	1.1	1.0	155	0.72	0.389	43
EA0850	Soil	11.7	251.6	14.4	509	1.1	232.1	22.3	428	3.22	26.1	3.6	4.5	63	2.2	1.2	0.8	118	0.73	0.397	32
EA0900	Soil	8.5	121.7	15.8	183	1.2	82.9	8.5	218	2.94	18.9	1.9	0.4	36	0.4	1.0	0.5	52	0.09	0.149	28
EA0950	Soil	8.6	167.8	9.1	257	0.5	174.6	9.8	249	2.25	24.4	<0.5	1.3	43	0.5	1.0	0.5	92	0.48	0.289	21
EA1000	Soil	16.6	338.1	15.6	365	2.3	251.5	16.1	264	5.13	40.5	1.9	4.6	70	0.9	1.9	0.9	81	0.62	0.516	36
EA1050	Soil	46.4	401.8	18.0	573	1.7	580.6	19.8	187	3.29	87.7	10.0	2.0	129	1.5	2.7	1.0	493	1.27	0.760	35
EA1100	Soil	11.7	283.2	9.9	519	1.2	251.2	27.2	634	3.95	24.5	10.8	3.9	58	3.2	1.4	0.8	89	0.54	0.342	24
EA1150	Soil	50.1	280.4	33.8	1195	4.2	522.3	11.0	200	4.07	109.5	4.3	4.3	106	2.4	46.7	2.1	682	1.44	0.933	32
EA1200	Soil	31.3	282.4	12.4	301	1.0	211.1	35.4	785	5.32	13.9	6.2	2.9	33	0.5	2.6	0.7	120	0.14	0.211	28
EA1250	Soil	24.3	289.9	14.3	357	0.6	262.4	33.8	647	6.00	43.0	1.0	2.4	48	0.6	1.5	0.8	84	0.19	0.225	69
EA1300	Soil	8.3	142.7	27.3	136	1.5	74.1	11.3	321	1.57	14.4	19.8	2.5	17	0.3	0.7	1.1	16	0.02	0.061	17
EA1350	Soil	8.1	99.1	12.3	195	0.7	85.3	11.0	264	2.79	29.4	6.1	2.8	37	0.8	1.4	0.7	71	0.41	0.228	19
EA1400	Soil	10.8	136.4	14.0	227	1.0	112.9	12.6	345	2.72	29.9	4.6	0.6	38	1.3	2.0	1.0	103	0.31	0.215	22
EA1450	Soil	2.8	28.6	11.5	52	0.3	20.3	4.5	142	1.55	7.7	0.5	0.3	17	0.2	0.5	0.7	45	0.14	0.077	9

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EA0000	Soil	23	0.17	362	0.002	1	0.44	0.003	0.15	0.2	0.19	19.9	<0.1	<0.05	1	<0.5	<0.2
EA0050	Soil	24	1.27	486	0.038	<1	1.52	0.006	0.12	0.2	0.07	5.8	0.2	<0.05	4	0.8	<0.2
EA0100	Soil	13	0.60	325	0.031	<1	0.99	0.008	0.12	0.2	0.02	4.0	<0.1	<0.05	3	0.7	<0.2
EA0150	Soil	13	0.46	253	0.031	<1	0.85	0.007	0.13	0.3	0.04	2.3	<0.1	<0.05	2	1.1	<0.2
EA0200	Soil	13	0.30	297	0.042	<1	0.89	0.006	0.12	0.4	0.03	1.8	0.1	<0.05	3	<0.5	<0.2
EA0250	Soil	14	0.50	374	0.036	1	0.88	0.009	0.11	0.2	0.03	2.3	0.1	<0.05	3	0.8	<0.2
EA0300	Soil	22	0.89	449	0.007	<1	1.46	0.006	0.16	0.1	0.03	7.7	<0.1	<0.05	4	0.8	<0.2
EA0350	Soil	20	0.39	161	0.022	<1	0.92	0.006	0.11	0.2	0.04	1.7	0.2	<0.05	3	1.6	<0.2
EA0400	Soil	19	1.27	166	0.004	<1	1.87	0.004	0.16	<0.1	0.03	4.7	0.1	<0.05	5	1.1	<0.2
EA0450	Soil	10	0.73	8602	0.014	<1	1.74	0.013	0.16	0.1	0.37	4.6	0.2	<0.05	5	0.6	<0.2
EA0500	Soil	18	0.52	142	0.031	<1	1.33	0.007	0.12	0.4	0.05	3.7	0.1	<0.05	4	0.7	<0.2
EA0550	Soil	16	0.47	111	0.023	<1	1.18	0.005	0.11	0.2	0.03	2.0	0.1	<0.05	3	0.6	<0.2
EA0600	Soil	22	0.62	140	0.060	<1	1.22	0.005	0.11	0.2	0.01	2.8	0.2	<0.05	4	0.8	0.2
EA0650	Soil	32	0.74	262	0.028	<1	1.17	0.012	0.15	0.2	0.04	2.0	0.3	<0.05	3	1.7	<0.2
EA0700	Soil	27	0.52	303	0.026	<1	1.14	0.007	0.14	0.3	0.05	1.9	0.2	<0.05	4	1.5	<0.2
EA0750	Soil	57	1.09	396	0.027	1	1.49	0.007	0.16	0.3	0.04	3.3	0.4	0.10	5	3.5	0.3
EA0800	Soil	96	1.59	633	0.024	1	1.80	0.008	0.19	0.4	0.06	4.1	0.4	<0.05	6	4.4	0.4
EA0850	Soil	86	0.87	323	0.040	1	1.26	0.005	0.11	0.3	0.04	2.9	0.3	<0.05	4	4.0	0.3
EA0900	Soil	36	0.36	323	0.006	<1	0.85	0.008	0.12	0.1	0.02	0.4	0.2	0.13	3	3.6	0.2
EA0950	Soil	66	0.73	237	0.016	<1	0.95	0.013	0.08	0.3	0.02	1.4	0.2	0.06	4	3.5	0.3
EA1000	Soil	45	0.41	384	0.008	<1	0.79	0.005	0.10	0.3	0.02	2.8	0.3	0.07	4	6.8	0.3
EA1050	Soil	87	0.09	1489	0.005	2	0.81	0.004	0.20	1.1	0.04	1.6	0.2	<0.05	3	10.9	0.6
EA1100	Soil	43	0.80	606	0.029	<1	1.20	0.004	0.12	0.2	0.06	5.7	0.3	<0.05	3	8.0	0.2
EA1150	Soil	127	0.32	1619	0.014	2	1.02	0.004	0.20	0.7	0.18	3.6	0.6	<0.05	5	11.1	1.1
EA1200	Soil	42	0.72	280	0.018	<1	1.41	0.006	0.12	0.3	0.02	4.0	0.3	0.10	5	11.5	0.3
EA1250	Soil	42	0.86	263	0.009	<1	1.20	0.003	0.12	0.2	0.03	3.9	0.4	0.06	6	5.4	0.4
EA1300	Soil	12	0.04	388	0.002	<1	0.25	0.001	0.06	0.1	0.01	1.3	0.2	<0.05	1	2.2	3.5
EA1350	Soil	28	0.45	255	0.034	<1	1.10	0.004	0.08	0.3	0.02	2.2	0.2	<0.05	4	3.1	<0.2
EA1400	Soil	40	0.43	489	0.016	1	1.10	0.005	0.09	0.4	0.05	1.3	0.3	0.07	4	3.2	0.3
EA1450	Soil	14	0.14	122	0.030	<1	0.83	0.003	0.06	0.2	0.02	0.7	0.1	<0.05	5	1.1	<0.2

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EA1500	Soil	6.4	44.7	18.3	62	0.1	16.5	10.0	293	2.81	8.2	1.9	2.9	25	0.3	0.5	0.4	36	0.27	0.081	10
EA1550	Soil	5.3	42.9	18.8	70	0.4	23.5	11.5	417	2.46	9.8	2.6	1.3	23	0.3	0.5	0.4	43	0.27	0.170	13
EA1600	Soil	56.3	37.1	31.7	71	0.2	6.6	2.6	203	0.71	9.8	4.8	18.7	12	0.3	1.5	0.4	3	0.21	0.015	31
EA1650	Soil	8.6	15.4	11.2	54	0.3	16.0	3.1	80	1.28	5.6	1.5	0.8	14	0.1	0.9	0.5	57	0.07	0.026	15
EA1700	Soil	7.1	20.4	8.5	18	0.4	6.5	1.1	32	0.41	3.0	0.7	0.4	11	0.3	0.2	0.4	15	0.08	0.025	19
EA1750	Soil	5.8	33.2	24.5	64	<0.1	10.0	5.5	186	1.81	6.4	1.5	2.9	20	<0.1	0.4	0.9	40	0.22	0.060	7
EA1800	Soil	14.3	43.7	22.0	62	1.2	18.1	6.7	176	2.80	15.2	3.2	4.6	12	0.2	0.7	0.8	59	0.12	0.221	7
EA1850	Soil	4.4	69.0	16.6	73	0.2	18.5	8.8	254	2.21	6.5	1.7	3.2	20	0.4	0.5	0.4	33	0.27	0.088	10
EA1900	Soil	9.7	21.7	9.6	50	<0.1	10.5	7.2	223	1.97	6.2	0.8	1.3	20	0.2	0.3	0.3	43	0.18	0.040	6
EA1950	Soil	40.1	17.8	5.2	280	0.3	47.9	1.8	41	1.94	19.5	2.9	0.6	2	0.2	3.6	0.2	147	0.01	0.020	6
EA2000	Soil	5.2	35.0	21.2	53	1.6	15.8	5.5	127	2.20	9.2	1.6	5.1	13	0.2	0.7	0.5	56	0.14	0.087	9
EA2050	Soil	9.7	69.2	19.1	86	0.3	34.2	5.2	151	2.29	11.3	2.3	3.0	13	0.3	1.1	0.8	77	0.15	0.130	10
EA2100	Soil	2.4	39.0	13.2	64	0.6	19.1	7.9	241	1.22	5.8	2.2	3.4	24	0.7	0.4	0.3	31	0.32	0.103	11
EA2150	Soil	4.7	51.7	17.6	311	5.6	45.7	10.5	218	2.84	87.7	10.0	3.0	77	8.7	23.8	0.7	34	0.96	0.747	12
EA2200	Soil	83.7	105.6	123.7	1013	0.9	238.9	12.1	175	6.71	106.4	1.5	3.1	36	1.3	10.0	9.8	203	0.18	0.341	7
EA2250	Soil	14.7	119.2	8.6	144	0.2	120.8	5.3	72	1.73	11.1	2.1	0.3	12	0.2	2.0	0.5	95	0.03	0.063	3
EA2300	Soil	25.6	110.1	28.7	286	0.1	98.7	17.5	649	4.06	49.5	3.1	0.5	20	2.3	4.7	0.9	200	0.42	0.330	8
EA2350	Soil	4.6	36.9	12.9	115	0.1	27.2	5.6	144	1.09	9.2	1.0	2.5	24	2.5	0.4	0.3	31	0.40	0.089	10
EA2400	Soil	6.0	83.3	23.0	281	0.3	59.8	13.2	462	1.82	8.0	2.5	2.1	29	4.0	0.4	0.5	34	0.45	0.058	16
EA2450	Soil	8.1	79.6	15.5	141	0.2	36.3	7.8	189	1.89	19.3	5.1	3.1	24	1.0	0.9	0.5	46	0.32	0.055	16
EA2500	Soil	4.5	172.3	28.2	324	0.6	68.6	7.4	271	2.14	9.8	2.6	3.4	34	3.7	0.3	0.5	41	0.48	0.074	25
EB0000	Soil	28.0	228.4	90.5	929	3.6	261.4	21.7	815	4.16	362.8	4.7	2.8	137	8.0	69.9	1.4	211	1.01	0.468	30
EB0050	Soil	2.8	81.9	169.1	106	0.5	103.0	27.0	1395	3.24	32.6	3.2	5.4	23	0.5	1.0	0.3	63	0.34	0.054	29
EB0100	Soil	5.6	39.6	34.6	44	0.3	19.7	7.6	269	1.28	6.9	4.2	1.4	14	0.3	1.2	0.3	30	0.16	0.057	11
EB0150	Soil	4.2	35.4	20.2	53	<0.1	17.0	11.3	314	2.01	5.6	1.6	3.2	14	0.2	0.5	0.1	34	0.13	0.038	14
EB0200	Soil	2.5	48.7	20.6	40	0.1	15.8	12.4	412	1.33	2.6	3.8	8.1	16	0.2	0.3	<0.1	20	0.16	0.048	22
EB0250	Soil	12.7	68.8	20.7	37	0.2	9.2	14.9	924	2.36	1.6	<0.5	13.5	22	0.2	0.3	<0.1	26	0.25	0.043	32
EB0300	Soil	6.2	123.8	21.6	46	0.3	13.1	20.7	854	2.36	10.6	1.8	6.4	29	0.2	0.7	0.2	35	0.31	0.057	19
EB0350	Soil	8.8	88.1	31.1	97	0.6	54.9	8.3	333	1.62	18.8	4.7	0.5	19	0.3	0.6	0.7	61	0.24	0.148	16
EB0400	Soil	8.1	151.6	36.0	107	0.3	44.6	18.0	551	2.67	16.6	2.8	6.8	24	0.4	0.7	0.4	41	0.25	0.126	28

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EA1500	Soil	19	0.48	76	0.046	<1	1.19	0.005	0.10	0.6	0.02	1.9	<0.1	<0.05	3	1.1	<0.2
EA1550	Soil	19	0.36	111	0.028	<1	1.10	0.006	0.09	0.3	0.02	1.3	<0.1	<0.05	4	0.9	<0.2
EA1600	Soil	4	0.21	881	<0.001	<1	0.69	0.004	0.14	0.4	0.05	0.5	<0.1	<0.05	<1	0.6	<0.2
EA1650	Soil	20	0.21	170	0.029	<1	1.32	0.004	0.04	<0.1	0.01	1.2	0.1	<0.05	7	<0.5	0.2
EA1700	Soil	11	0.08	351	0.016	<1	0.66	0.004	0.04	0.2	0.05	0.7	0.2	<0.05	5	<0.5	<0.2
EA1750	Soil	11	0.33	181	0.081	<1	1.15	0.004	0.11	0.5	<0.01	1.3	0.2	<0.05	5	0.6	<0.2
EA1800	Soil	16	0.25	164	0.046	<1	1.03	0.004	0.07	1.0	0.05	1.6	0.1	<0.05	4	1.7	<0.2
EA1850	Soil	17	0.55	78	0.042	<1	1.05	0.005	0.10	0.2	0.01	2.0	0.1	<0.05	2	0.8	<0.2
EA1900	Soil	11	0.60	110	0.062	<1	1.07	0.004	0.17	0.2	<0.01	1.8	0.1	<0.05	4	0.8	<0.2
EA1950	Soil	11	0.01	78	0.006	<1	0.12	0.001	0.03	0.5	0.02	1.3	0.1	<0.05	1	1.3	<0.2
EA2000	Soil	18	0.19	163	0.067	<1	1.05	0.004	0.05	0.3	0.03	1.8	0.1	<0.05	5	0.5	<0.2
EA2050	Soil	36	0.20	140	0.061	<1	0.85	0.005	0.06	0.4	<0.01	2.0	0.2	<0.05	7	0.5	<0.2
EA2100	Soil	18	0.31	175	0.044	<1	0.97	0.005	0.10	0.3	0.03	2.0	<0.1	<0.05	2	<0.5	<0.2
EA2150	Soil	10	0.11	2291	0.006	<1	0.30	0.003	0.03	0.4	0.01	1.8	<0.1	<0.05	<1	6.1	1.1
EA2200	Soil	22	0.03	888	0.015	<1	0.29	0.002	0.04	0.6	0.01	2.3	0.3	<0.05	3	19.4	1.2
EA2250	Soil	17	0.03	124	0.007	<1	0.14	0.002	0.02	0.4	<0.01	0.7	<0.1	<0.05	3	2.8	0.4
EA2300	Soil	39	0.14	215	0.012	<1	0.41	0.004	0.07	0.6	0.01	1.5	<0.1	<0.05	3	7.2	0.8
EA2350	Soil	11	0.22	118	0.029	<1	0.49	0.005	0.07	0.4	<0.01	1.4	<0.1	<0.05	1	0.8	<0.2
EA2400	Soil	20	0.37	227	0.042	<1	0.91	0.007	0.13	0.3	0.02	2.2	<0.1	<0.05	2	2.0	<0.2
EA2450	Soil	20	0.36	217	0.029	<1	0.67	0.004	0.07	0.4	<0.01	1.9	<0.1	<0.05	2	2.1	<0.2
EA2500	Soil	22	0.48	425	0.028	<1	1.35	0.007	0.20	0.2	0.07	3.0	0.1	<0.05	3	2.3	<0.2
EB0000	Soil	46	0.22	1090	0.013	2	0.90	0.004	0.11	0.6	0.59	4.8	0.2	0.05	3	6.9	0.4
EB0050	Soil	224	1.59	310	0.041	1	1.89	0.006	0.12	0.2	0.08	5.1	0.1	<0.05	6	1.2	<0.2
EB0100	Soil	29	0.24	156	0.035	<1	0.74	0.006	0.08	0.4	0.04	1.0	<0.1	0.05	3	<0.5	<0.2
EB0150	Soil	24	0.40	100	0.042	<1	1.08	0.006	0.08	0.2	0.02	1.7	0.1	<0.05	3	<0.5	<0.2
EB0200	Soil	11	0.20	256	0.033	<1	0.67	0.006	0.12	0.1	0.02	2.4	<0.1	<0.05	2	<0.5	<0.2
EB0250	Soil	13	0.67	335	0.019	<1	0.99	0.005	0.14	<0.1	0.01	6.4	0.1	<0.05	2	<0.5	<0.2
EB0300	Soil	17	0.87	342	0.040	<1	1.17	0.009	0.23	0.2	<0.01	4.3	0.2	<0.05	3	<0.5	<0.2
EB0350	Soil	34	0.19	187	0.009	<1	0.63	0.005	0.10	0.2	0.05	0.5	0.2	<0.05	3	2.0	<0.2
EB0400	Soil	21	0.49	131	0.024	1	1.23	0.006	0.10	0.4	0.03	1.6	0.2	0.06	4	1.4	<0.2

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CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EB0450	Soil	4.6	141.3	13.2	210	0.2	83.1	26.7	645	3.75	7.0	1.1	2.3	20	0.4	0.3	0.2	60	0.31	0.105	16
EB0500	Soil	15.9	159.9	36.1	79	0.2	35.4	11.8	352	1.83	8.8	4.5	16.8	20	0.2	0.7	0.4	29	0.25	0.129	28
EB0550	Soil	12.1	105.0	30.4	87	0.5	35.5	6.0	219	1.18	7.7	1.6	8.2	17	0.2	0.3	0.4	31	0.18	0.119	15
EB0600	Soil	13.8	145.4	17.1	137	0.7	97.6	6.7	139	1.82	26.4	3.1	<0.1	19	0.4	1.5	0.6	110	0.04	0.123	14
EB0650	Soil	11.9	187.9	22.2	354	1.2	143.6	18.3	611	2.92	29.3	6.8	1.7	37	1.1	1.1	0.8	100	0.36	0.279	26
EB0700	Soil	11.8	139.8	20.7	332	1.3	138.4	9.5	185	2.56	51.5	5.6	2.3	50	1.2	1.7	0.8	113	0.57	0.339	22
EB0750	Soil	8.2	73.8	17.2	97	1.7	30.7	2.7	90	3.88	23.3	3.7	1.8	31	0.2	2.9	0.5	37	0.02	0.136	38
EB0800	Soil	10.8	83.5	20.8	113	1.4	57.2	5.2	109	3.00	25.8	3.9	0.2	26	0.3	0.8	0.6	50	0.06	0.142	27
EB0850	Soil	10.6	156.0	25.1	302	1.6	131.2	17.0	408	3.20	31.8	8.7	0.9	52	0.9	1.4	0.7	78	0.27	0.250	33
EB0900	Soil	7.6	172.3	17.9	371	1.1	185.1	22.0	429	3.55	22.4	4.8	1.0	47	1.3	1.1	0.6	75	0.44	0.297	25
EB0950	Soil	8.1	160.6	17.7	303	1.2	133.8	16.5	236	3.13	24.3	9.1	1.4	54	2.1	1.3	0.5	53	0.45	0.302	25
EB1000	Soil	11.4	204.8	17.0	741	2.5	293.7	49.9	1290	6.33	30.2	5.5	2.2	50	4.0	1.3	0.6	90	0.25	0.311	23
EB1050	Soil	22.5	333.3	33.8	973	1.7	345.1	21.6	776	3.71	67.3	15.1	1.6	96	2.5	17.0	1.3	255	1.14	0.686	32
EB1100	Soil	13.8	262.1	13.2	604	1.8	356.8	32.4	585	3.62	24.1	8.1	1.9	65	2.0	7.3	0.7	80	0.48	0.336	25
EB1150	Soil	12.4	197.7	9.1	422	0.8	213.9	28.1	407	3.25	27.8	7.9	4.0	47	2.6	2.9	0.7	57	0.43	0.258	21
EB1200	Soil	7.3	282.0	3.8	189	1.6	151.0	42.6	1376	6.29	16.4	6.6	2.8	26	0.8	0.4	0.3	116	0.37	0.150	17
EB1250	Soil	5.5	201.1	21.0	442	0.6	177.8	25.1	532	4.00	45.4	3.2	1.2	26	0.7	1.0	2.5	63	0.15	0.145	16
EB1300	Soil	8.9	131.7	12.2	129	0.4	89.4	7.8	143	3.12	14.1	3.4	0.9	23	0.3	1.1	1.2	54	0.02	0.089	20
EB1350	Soil	7.9	101.4	12.3	160	0.3	91.9	5.2	104	1.97	17.6	2.6	0.3	16	0.5	1.7	0.6	41	0.05	0.069	17
EB1400	Soil	38.6	485.6	28.3	1136	2.6	561.2	21.9	724	3.98	50.2	38.5	6.3	161	6.1	4.7	4.0	468	1.87	0.971	37
EB1450	Soil	7.8	148.8	11.4	183	1.3	96.7	7.6	180	2.31	16.2	4.6	0.9	19	0.5	2.7	0.5	53	0.05	0.096	17
EB1500	Soil	7.7	142.4	11.0	182	0.4	102.3	12.3	222	2.64	14.0	4.0	4.5	34	0.7	1.4	0.6	45	0.30	0.183	17
EB1550	Soil	9.2	78.7	15.2	186	0.4	97.4	11.8	504	3.35	37.4	4.9	2.0	33	0.7	1.2	1.3	85	0.40	0.242	17
EB1600	Soil	5.6	40.0	11.2	82	<0.1	25.5	6.4	221	1.96	9.9	0.9	1.3	20	0.6	0.6	0.5	46	0.23	0.064	9
EB1650	Soil	6.5	20.0	8.2	71	<0.1	27.3	4.6	162	1.24	48.1	1.9	0.2	18	0.5	0.9	1.2	44	0.21	0.049	9
EB1700	Soil	14.9	61.2	4.0	242	0.8	30.1	2.9	184	4.16	127.5	4.7	0.9	24	0.9	0.8	5.7	45	0.43	0.072	11
EB1750	Soil	65.6	58.1	5.0	490	0.2	96.0	7.0	294	3.33	6.2	3.6	0.3	8	1.0	0.8	0.4	165	0.10	0.084	14
EB1800	Soil	35.2	120.7	13.1	704	0.2	103.7	17.0	340	3.25	44.7	2.1	1.1	28	3.2	2.2	0.6	81	0.44	0.200	22
EB1850	Soil	35.7	21.4	4.7	267	0.3	23.8	2.9	229	4.01	192.6	3.2	1.4	20	1.7	0.3	0.2	69	0.32	0.105	11
EB1900	Soil	12.2	18.8	10.7	87	0.1	16.5	5.0	223	1.43	15.7	1.4	1.9	24	1.0	0.2	0.2	27	0.37	0.053	11

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	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EB0450	Soil	49	1.39	311	0.124	<1	1.67	0.004	0.48	0.2	0.02	3.8	1.3	<0.05	4	1.1	<0.2
EB0500	Soil	18	0.43	83	0.040	2	0.88	0.007	0.13	0.3	<0.01	2.1	0.2	<0.05	3	2.6	<0.2
EB0550	Soil	19	0.32	68	0.020	<1	0.75	0.013	0.10	0.2	0.02	1.1	0.2	<0.05	2	1.5	<0.2
EB0600	Soil	36	0.09	225	0.001	<1	0.47	0.006	0.09	0.2	0.04	0.4	0.3	0.09	3	3.4	0.3
EB0650	Soil	48	0.76	350	0.024	1	1.32	0.005	0.12	0.4	0.05	2.0	0.3	0.09	4	4.5	0.3
EB0700	Soil	44	0.75	293	0.030	2	0.97	0.005	0.11	0.3	0.02	2.1	0.2	0.06	3	3.1	0.3
EB0750	Soil	26	0.21	302	0.015	<1	0.48	0.010	0.09	<0.1	0.04	0.6	<0.1	0.19	2	4.8	0.4
EB0800	Soil	35	0.16	280	0.004	1	0.53	0.007	0.09	0.2	0.05	0.4	0.1	0.15	3	4.3	0.3
EB0850	Soil	48	0.58	434	0.019	1	1.12	0.006	0.15	0.2	0.04	1.3	0.3	0.15	4	5.5	<0.2
EB0900	Soil	70	1.00	238	0.014	1	1.31	0.003	0.09	0.2	0.04	2.0	0.3	0.07	4	4.2	0.2
EB0950	Soil	30	0.21	291	0.013	1	0.67	0.004	0.09	0.2	0.02	1.2	0.2	0.07	2	4.0	0.3
EB1000	Soil	58	0.23	465	0.010	<1	0.89	0.006	0.09	0.2	0.05	4.3	0.4	<0.05	4	6.7	0.6
EB1050	Soil	47	0.37	819	0.005	2	0.84	0.003	0.11	0.6	0.13	1.8	0.4	0.08	3	10.6	0.9
EB1100	Soil	64	0.22	508	0.005	<1	0.69	0.003	0.07	0.3	0.06	2.4	0.3	<0.05	3	7.1	0.4
EB1150	Soil	26	0.36	322	0.013	<1	0.66	0.003	0.07	0.2	0.03	3.1	0.2	0.07	2	4.2	0.3
EB1200	Soil	182	6.01	240	0.020	<1	4.43	0.005	0.08	<0.1	0.03	9.0	0.6	<0.05	14	2.3	<0.2
EB1250	Soil	21	0.67	333	0.022	<1	0.98	0.003	0.09	0.2	0.02	2.2	0.4	0.09	5	3.3	0.5
EB1300	Soil	17	0.15	233	0.031	<1	0.48	0.005	0.08	0.2	0.02	1.1	0.2	0.12	5	3.4	0.2
EB1350	Soil	21	0.07	264	0.014	<1	0.31	0.004	0.05	0.4	0.02	0.6	0.1	<0.05	2	3.4	0.2
EB1400	Soil	89	0.22	859	0.012	2	0.86	0.004	0.16	1.0	0.19	4.8	0.4	<0.05	4	9.1	1.0
EB1450	Soil	22	0.14	201	0.015	<1	0.69	0.004	0.06	0.2	0.04	1.3	0.3	<0.05	4	1.8	<0.2
EB1500	Soil	42	0.37	237	0.025	<1	0.86	0.003	0.06	0.4	0.02	1.9	0.2	<0.05	3	3.1	0.3
EB1550	Soil	34	0.41	244	0.025	<1	0.97	0.005	0.07	0.3	0.04	1.7	0.2	<0.05	4	4.2	0.5
EB1600	Soil	13	0.31	265	0.040	<1	0.85	0.004	0.08	0.3	0.01	1.2	0.1	<0.05	4	1.1	0.2
EB1650	Soil	10	0.21	223	0.016	<1	0.70	0.009	0.07	0.2	<0.01	0.5	0.1	<0.05	4	0.6	0.3
EB1700	Soil	251	2.01	501	0.190	1	1.45	0.005	0.48	0.2	0.01	1.9	1.5	0.41	5	9.4	0.6
EB1750	Soil	30	0.99	295	0.004	<1	0.89	0.004	0.03	0.3	0.01	0.5	0.3	<0.05	4	7.2	<0.2
EB1800	Soil	24	0.43	351	0.009	<1	1.14	0.008	0.08	0.3	0.02	1.2	0.2	0.07	3	4.0	<0.2
EB1850	Soil	12	1.14	199	0.025	<1	1.29	0.004	0.03	0.2	0.03	2.0	<0.1	<0.05	3	2.4	<0.2
EB1900	Soil	13	0.45	333	0.028	<1	0.78	0.005	0.07	0.2	0.01	1.2	<0.1	<0.05	2	0.6	<0.2

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EB1950	Soil	6.3	49.9	16.7	189	0.1	34.7	9.5	255	1.83	19.1	2.1	1.6	24	2.1	0.5	0.4	31	0.35	0.064	11
EB2000	Soil	26.7	153.3	35.8	1371	0.8	274.1	18.9	741	3.46	47.8	6.0	4.8	26	6.4	4.8	1.3	118	0.51	0.148	28
EB2050	Soil	10.6	59.3	18.5	86	<0.1	29.4	4.5	191	2.78	18.8	1.0	4.9	15	0.3	1.7	0.7	63	0.21	0.091	8
EB2100	Soil	14.9	366.5	46.5	1960	2.6	458.7	8.0	377	8.54	608.2	19.8	2.2	86	2.2	19.3	2.1	91	1.56	1.097	10
EB2150	Soil	16.9	44.2	27.8	116	0.3	81.4	5.0	90	2.03	85.6	7.1	0.4	26	0.3	8.2	1.4	89	0.38	0.274	10
EB2200	Soil	7.1	13.4	14.5	66	0.1	10.4	2.8	102	0.76	5.5	0.8	1.7	15	1.8	1.0	0.5	26	0.16	0.017	9
EB2250	Soil	24.6	99.3	23.3	435	0.4	28.5	10.1	178	5.08	21.2	2.6	6.2	16	1.6	4.6	1.8	93	0.43	0.279	7
EB2300	Soil	6.8	44.5	34.8	241	0.5	63.2	14.7	533	5.97	42.7	5.1	4.6	19	1.3	5.4	1.5	106	0.15	0.304	17
EB2350(EB2325)	Soil	1.2	11.1	4.1	112	<0.1	11.0	18.8	711	3.72	1.0	<0.5	3.1	19	<0.1	<0.1	<0.1	57	0.22	0.022	2
EB2400	Soil	12.6	127.7	22.9	108	0.4	54.2	11.4	249	2.31	22.9	5.6	5.2	25	0.6	1.2	0.7	44	0.45	0.148	11
EB2450	Soil	1.6	38.3	18.6	61	<0.1	16.8	8.0	280	1.37	4.4	1.6	4.7	34	0.5	0.3	0.3	30	0.54	0.076	12
EB2500	Soil	3.6	55.9	16.5	179	0.2	35.6	10.1	242	1.46	5.0	2.6	4.1	30	1.6	0.4	0.2	30	0.46	0.077	14
EC0000	Soil	18.2	97.0	54.3	430	0.5	91.3	9.6	458	2.44	69.1	2.3	2.4	63	1.1	13.8	0.7	52	0.32	0.196	36
EC0050	Soil	2.4	38.9	15.5	71	0.1	38.8	9.9	320	2.04	11.9	2.2	5.4	17	0.4	1.4	0.2	35	0.23	0.069	20
EC0100	Soil	6.9	145.0	14.4	73	0.3	61.7	13.2	360	2.32	13.0	3.9	2.3	22	0.4	4.0	0.3	40	0.27	0.115	22
EC0150	Soil	3.4	60.7	15.2	43	<0.1	27.1	9.4	234	1.57	4.3	5.5	4.6	17	0.2	0.4	0.1	24	0.21	0.069	15
EC0200	Soil	2.7	21.2	14.3	52	<0.1	20.6	8.6	283	1.81	5.0	2.2	3.6	19	0.2	0.4	0.1	33	0.20	0.049	18
EC0250	Soil	2.2	27.0	17.4	38	<0.1	13.9	8.4	306	1.73	4.7	2.9	3.7	15	0.1	0.4	0.1	28	0.12	0.036	14
EC0300	Soil	5.8	375.6	48.4	51	1.6	12.6	4.8	189	2.74	14.8	4.5	15.6	30	0.1	1.3	0.3	15	0.03	0.046	29
EC0350	Soil	10.3	309.4	39.2	227	1.6	126.2	12.9	500	2.92	48.8	7.0	3.0	28	0.9	2.6	1.0	101	0.34	0.164	32
EC0400	Soil	5.1	136.0	31.6	238	1.0	77.1	13.7	530	2.66	14.2	6.6	1.3	29	0.4	0.7	0.9	88	0.41	0.196	14
EC0450	Soil	11.8	276.9	55.4	438	1.5	158.2	23.9	696	3.26	19.2	4.9	7.9	65	1.5	1.8	0.9	108	0.74	0.358	34
EC0500	Soil	14.7	261.2	38.5	388	1.6	151.3	21.6	661	3.20	22.5	4.1	3.5	55	1.0	1.3	0.5	134	0.61	0.316	29
EC0550	Soil	17.6	392.0	52.1	638	1.8	270.4	22.8	757	3.67	62.8	7.7	4.9	73	3.4	1.3	0.8	240	0.91	0.464	36
EC0600	Soil	14.3	367.3	19.6	597	1.8	317.8	21.6	670	3.26	59.8	7.1	3.8	96	2.7	1.6	0.8	198	1.48	0.705	34
EC0650	Soil	19.5	253.4	30.0	548	2.6	234.3	22.6	1011	3.14	50.1	9.6	0.3	41	3.0	2.5	1.1	148	0.30	0.281	25
EC0700	Soil	7.0	102.7	15.8	221	0.8	80.9	11.5	232	2.31	24.9	3.4	0.6	31	0.9	1.6	5.7	62	0.29	0.222	21
EC0750	Soil	10.1	185.6	21.1	235	0.7	127.1	24.8	436	3.19	31.0	11.7	1.1	46	0.9	1.1	1.0	74	0.40	0.321	28
EC0800	Soil	13.9	151.1	39.3	261	0.8	139.7	12.5	300	2.34	40.6	6.8	0.4	42	1.2	1.1	0.7	101	0.47	0.303	25
EC0850	Soil	13.4	268.6	24.7	720	1.5	292.8	34.4	762	3.77	39.1	5.8	5.3	71	5.7	2.6	0.9	94	0.67	0.396	25

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Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EB1950	Soil	15	0.47	327	0.024	<1	0.85	0.005	0.10	0.2	0.02	1.3	<0.1	<0.05	2	0.9	<0.2
EB2000	Soil	42	0.62	306	0.056	<1	1.16	0.004	0.08	0.5	0.08	2.6	0.2	<0.05	3	2.9	0.4
EB2050	Soil	23	0.16	324	0.107	<1	0.59	0.005	0.07	0.4	0.01	1.3	0.2	<0.05	5	0.9	<0.2
EB2100	Soil	61	0.17	137	0.007	<1	0.53	0.003	0.07	0.4	0.06	2.8	0.2	<0.05	2	18.5	1.7
EB2150	Soil	17	0.02	153	0.004	<1	0.18	0.001	0.05	0.4	<0.01	0.7	<0.1	<0.05	1	4.9	0.7
EB2200	Soil	11	0.12	298	0.050	<1	0.54	0.004	0.06	0.2	<0.01	0.8	0.1	<0.05	3	<0.5	<0.2
EB2250	Soil	23	0.44	228	0.173	<1	0.37	0.002	0.04	0.2	0.01	1.8	<0.1	<0.05	2	11.1	0.5
EB2300	Soil	40	0.18	780	0.041	<1	1.11	0.004	0.04	0.6	0.05	3.5	0.1	<0.05	5	3.7	0.5
EB2350(EB2325)	Soil	12	2.14	97	0.260	<1	2.30	0.005	0.82	0.2	<0.01	1.3	0.4	<0.05	7	<0.5	<0.2
EB2400	Soil	16	0.28	104	0.033	<1	0.66	0.004	0.07	0.9	0.02	1.5	<0.1	<0.05	2	2.2	0.4
EB2450	Soil	20	0.40	177	0.076	<1	0.79	0.007	0.09	0.2	0.01	1.7	<0.1	<0.05	2	0.6	<0.2
EB2500	Soil	17	0.38	243	0.035	<1	0.81	0.005	0.10	0.3	0.03	1.7	<0.1	<0.05	2	0.8	<0.2
EC0000	Soil	16	0.14	472	0.004	<1	0.73	0.003	0.10	0.2	0.10	0.7	0.1	<0.05	2	2.7	<0.2
EC0050	Soil	42	0.52	149	0.043	<1	1.16	0.006	0.08	0.2	0.01	2.0	0.1	<0.05	4	0.7	<0.2
EC0100	Soil	32	0.43	122	0.032	<1	0.97	0.006	0.08	0.2	0.03	1.6	<0.1	<0.05	3	1.3	<0.2
EC0150	Soil	15	0.25	105	0.040	<1	0.74	0.006	0.09	0.2	<0.01	1.3	<0.1	<0.05	2	<0.5	<0.2
EC0200	Soil	20	0.42	173	0.040	<1	1.09	0.006	0.09	0.2	<0.01	1.6	0.1	<0.05	3	<0.5	<0.2
EC0250	Soil	16	0.35	85	0.040	<1	0.94	0.004	0.11	0.3	0.03	1.1	<0.1	<0.05	3	<0.5	<0.2
EC0300	Soil	13	0.14	93	0.008	1	0.82	0.014	0.17	0.2	0.08	0.9	0.2	0.21	3	3.9	<0.2
EC0350	Soil	39	0.64	556	0.015	2	1.20	0.007	0.18	0.2	0.10	1.3	0.8	0.07	3	3.3	0.3
EC0400	Soil	50	1.14	221	0.040	1	1.35	0.007	0.19	0.2	0.05	1.9	0.6	<0.05	5	1.3	0.2
EC0450	Soil	57	1.34	245	0.040	1	1.32	0.006	0.26	0.2	0.04	3.2	0.7	0.06	4	4.4	0.3
EC0500	Soil	57	1.35	258	0.029	1	1.48	0.006	0.20	0.2	0.06	2.4	0.7	0.07	4	3.5	<0.2
EC0550	Soil	98	1.68	415	0.034	2	1.75	0.006	0.20	0.4	0.06	3.9	0.7	0.06	6	6.0	0.4
EC0600	Soil	93	1.64	457	0.037	1	1.65	0.005	0.21	0.4	0.05	3.5	0.7	<0.05	6	5.3	0.4
EC0650	Soil	65	1.03	492	0.003	<1	1.35	0.007	0.09	0.3	0.09	0.4	0.4	0.11	5	6.2	0.4
EC0700	Soil	29	0.29	223	0.016	<1	0.73	0.005	0.06	0.3	0.03	0.7	0.1	<0.05	3	3.9	2.1
EC0750	Soil	33	0.35	235	0.029	1	0.97	0.009	0.08	0.3	0.04	1.2	0.2	0.08	3	5.9	0.4
EC0800	Soil	43	0.30	297	0.010	1	0.90	0.007	0.10	0.3	0.04	0.5	0.2	0.07	3	5.0	0.3
EC0850	Soil	49	0.33	489	0.016	<1	0.76	0.004	0.08	0.3	0.05	6.0	0.3	0.05	3	7.5	0.4

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CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EC0900	Soil	14.2	171.5	32.4	368	1.0	178.7	18.2	411	2.39	36.0	3.9	3.2	50	1.4	1.4	0.8	108	0.36	0.247	22
EC0950	Soil	15.2	156.6	38.1	332	0.5	176.9	12.8	471	2.49	39.2	1.0	0.4	42	0.9	1.7	1.1	143	0.34	0.283	27
EC1000	Soil	37.3	312.5	21.0	722	0.4	337.3	19.0	207	4.10	23.2	1.7	1.8	37	0.8	2.3	1.0	61	0.01	0.109	28
EC1050	Soil	22.3	239.5	27.5	447	1.2	242.6	17.0	459	3.66	32.9	4.3	0.5	53	1.2	4.5	1.5	157	0.27	0.307	26
EC1100	Soil	6.5	175.4	20.8	339	2.6	140.9	16.2	254	2.61	27.8	8.7	2.4	22	1.0	1.1	2.2	48	0.19	0.205	22
EC1150	Soil	24.3	289.0	24.6	633	1.2	349.6	15.7	176	6.22	80.8	13.0	1.4	48	1.2	2.9	2.4	78	0.04	0.203	41
EC1200	Soil	2.5	127.6	13.4	356	0.9	149.2	23.5	520	3.15	10.0	2.4	5.1	21	1.2	1.2	1.5	50	0.21	0.109	29
EC1250	Soil	6.1	152.4	13.3	188	0.5	132.9	17.7	322	3.36	14.7	2.7	2.0	36	0.4	0.9	0.5	50	0.19	0.179	19
EC1300	Soil	6.5	125.8	18.2	146	0.5	102.2	7.3	226	2.32	22.8	1.5	0.7	21	0.2	1.7	0.8	59	0.03	0.091	23
EC1350	Soil	6.9	207.0	17.5	302	1.3	180.3	20.7	715	3.95	46.2	4.4	3.5	56	1.1	3.5	0.9	75	0.43	0.365	23
EC1400	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.
EC1450	Soil	8.0	274.0	15.7	213	0.8	107.5	15.8	334	3.34	13.9	6.1	0.7	24	0.9	4.1	0.8	53	0.13	0.151	21
EC1500	Soil	20.5	163.3	32.7	567	1.1	150.3	14.3	437	2.93	36.4	9.5	2.1	45	2.2	4.8	1.1	70	0.44	0.268	24
EC1550	Soil	8.6	72.8	20.6	184	0.8	58.0	17.5	1594	1.81	29.3	2.3	0.2	12	2.4	1.7	1.1	75	0.05	0.071	19
EC1600	Soil	12.4	67.6	17.5	220	0.2	73.5	7.8	406	1.79	25.3	2.2	0.2	21	1.1	3.4	1.3	87	0.12	0.120	15
EC1650	Soil	7.5	70.9	17.4	188	0.5	62.8	9.1	418	1.57	18.0	3.9	0.1	17	1.6	1.7	0.8	60	0.13	0.156	12
EC1700	Soil	13.8	66.0	14.2	302	0.1	90.7	11.6	297	2.50	26.9	3.1	2.1	22	1.0	3.2	1.1	79	0.19	0.117	15
EC1750	Soil	53.4	33.3	31.3	404	1.7	59.6	1.3	49	2.32	3.8	1.9	0.7	13	2.0	2.0	1.5	100	0.04	0.057	8
EC1800	Soil	8.6	72.5	7.1	795	1.1	102.9	14.0	596	2.23	107.5	3.5	4.7	75	3.9	9.7	2.0	582	2.11	0.784	42
EC1850	Soil	19.6	44.1	6.9	267	0.1	48.7	7.1	103	1.90	175.8	<0.5	2.2	35	2.8	5.5	0.8	197	0.64	0.265	10
EC1900	Soil	5.3	32.8	10.2	426	<0.1	61.0	4.8	195	1.23	6.5	1.1	4.0	28	3.8	1.0	0.2	23	0.32	0.036	10
EC1950	Soil	10.3	38.9	19.5	456	0.1	56.7	10.6	285	1.62	14.3	1.9	4.2	27	4.5	1.8	0.3	33	0.33	0.055	14
EC2000	Soil	50.1	133.8	39.5	1261	0.4	133.1	16.6	337	4.98	131.4	5.0	5.9	26	12.9	7.3	0.6	165	0.40	0.087	21
EC2050	Soil	43.2	60.9	58.3	292	0.7	91.4	9.1	307	2.72	61.4	1.8	2.8	33	1.4	17.1	1.5	203	0.63	0.348	12
EC2100	Soil	25.9	22.1	16.1	57	0.6	14.8	4.8	164	1.84	11.3	3.2	3.7	13	0.2	1.2	0.4	41	0.13	0.079	10
EC2150	Soil	4.0	17.8	16.6	43	0.5	15.9	3.4	85	1.33	17.0	3.4	3.6	13	0.1	2.9	0.7	43	0.13	0.058	8
EC2200	Soil	7.2	39.1	21.4	93	0.5	28.4	4.8	157	2.13	55.2	1.7	2.4	18	0.4	5.0	0.9	60	0.20	0.132	7
EC2250	Soil	9.3	41.6	39.8	104	0.9	33.9	7.7	201	3.37	65.5	1.6	5.4	20	0.4	5.5	1.4	90	0.30	0.299	10
EC2300	Soil	0.5	3.5	1.8	9	0.3	1.8	0.5	13	0.25	<0.5	1.3	<0.1	5	0.4	<0.1	<0.1	8	0.03	0.022	<1
EC2350	Soil	11.1	31.2	32.3	103	0.5	25.6	4.8	187	3.87	37.6	1.9	5.5	12	0.5	3.7	2.6	97	0.10	0.299	9

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

		Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EC0900	Soil		43	0.30	376	0.019	1	0.71	0.007	0.08	0.3	0.03	1.7	0.2	<0.05	2	5.2	0.5
EC0950	Soil		43	0.13	477	0.013	2	0.69	0.004	0.09	0.3	0.03	0.7	0.3	<0.05	4	5.7	0.4
EC1000	Soil		19	0.03	410	0.007	<1	0.39	0.004	0.06	0.3	0.01	1.4	0.1	<0.05	2	6.7	0.6
EC1050	Soil		55	0.42	456	0.007	<1	0.82	0.006	0.10	0.3	0.06	1.0	0.3	0.06	4	8.0	0.5
EC1100	Soil		31	0.47	225	0.024	<1	0.78	0.003	0.05	0.1	0.05	2.1	0.1	<0.05	2	2.8	0.5
EC1150	Soil		40	0.11	435	0.003	<1	0.47	0.005	0.10	0.4	0.03	1.8	0.3	0.11	4	6.6	0.8
EC1200	Soil		33	1.85	275	0.017	<1	1.60	0.002	0.05	<0.1	0.01	4.6	0.4	<0.05	6	1.9	0.3
EC1250	Soil		33	0.35	308	0.015	<1	0.82	0.014	0.08	0.2	0.02	2.9	0.3	<0.05	3	4.1	<0.2
EC1300	Soil		28	0.08	316	0.012	<1	0.46	0.003	0.07	0.2	0.02	0.7	0.2	<0.05	4	4.1	<0.2
EC1350	Soil		49	0.58	438	0.018	<1	1.04	0.004	0.09	0.5	0.05	3.4	0.3	<0.05	4	5.7	0.2
EC1400	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.
EC1450	Soil		49	0.30	288	0.006	<1	0.83	0.004	0.05	1.9	0.03	1.0	0.2	<0.05	3	3.7	<0.2
EC1500	Soil		29	0.31	284	0.019	<1	0.79	0.003	0.05	0.4	0.03	1.6	0.2	<0.05	3	5.4	0.2
EC1550	Soil		20	0.09	579	0.011	<1	0.61	0.004	0.04	0.2	0.02	0.4	0.2	<0.05	4	1.5	0.4
EC1600	Soil		27	0.10	382	0.010	<1	0.56	0.004	0.06	0.3	0.01	0.6	0.2	<0.05	3	2.2	0.4
EC1650	Soil		23	0.17	852	0.002	<1	0.84	0.011	0.06	0.2	0.05	0.2	0.2	<0.05	3	1.6	<0.2
EC1700	Soil		26	0.29	249	0.031	<1	0.70	0.004	0.06	0.3	0.01	1.7	0.1	<0.05	3	3.0	0.3
EC1750	Soil		7	0.03	182	0.009	<1	0.19	0.006	0.04	0.2	<0.01	1.6	<0.1	<0.05	1	5.3	0.3
EC1800	Soil		150	4.10	715	0.046	<1	1.36	0.004	0.05	0.4	0.08	5.3	<0.1	<0.05	4	1.2	0.7
EC1850	Soil		24	0.58	200	0.073	<1	0.26	0.003	0.02	0.6	0.02	0.9	<0.1	<0.05	2	3.7	0.3
EC1900	Soil		10	0.42	171	0.047	<1	0.69	0.005	0.08	0.1	<0.01	1.8	<0.1	<0.05	2	0.5	<0.2
EC1950	Soil		13	0.46	154	0.033	<1	0.69	0.005	0.08	0.3	0.02	1.8	<0.1	<0.05	2	1.1	<0.2
EC2000	Soil		26	0.52	595	0.040	<1	1.02	0.007	0.18	0.8	0.05	2.7	0.1	<0.05	3	3.1	0.4
EC2050	Soil		33	0.13	260	0.069	<1	0.38	0.002	0.07	0.7	0.03	1.5	0.2	<0.05	2	5.1	0.3
EC2100	Soil		17	0.21	180	0.052	<1	0.87	0.008	0.06	0.2	0.01	1.4	0.1	<0.05	4	1.3	<0.2
EC2150	Soil		12	0.12	93	0.063	2	0.66	0.007	0.06	0.2	0.01	0.9	0.1	0.10	4	1.6	<0.2
EC2200	Soil		19	0.25	90	0.054	1	0.59	0.006	0.05	0.3	0.01	1.1	<0.1	0.09	4	3.2	0.3
EC2250	Soil		30	0.30	121	0.089	2	0.87	0.006	0.05	0.5	0.04	1.7	0.2	<0.05	5	4.4	0.5
EC2300	Soil		2	0.01	21	0.009	<1	0.23	0.021	0.02	<0.1	0.02	<0.1	<0.1	0.05	<1	0.6	<0.2
EC2350	Soil		27	0.29	241	0.065	1	1.21	0.005	0.04	0.6	0.03	1.8	0.1	<0.05	5	1.9	0.5

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EC2400	Soil	6.1	94.2	22.2	175	0.4	38.2	13.2	707	1.86	9.8	3.9	2.8	28	0.9	0.8	0.3	33	0.40	0.071	22
EC2450	Soil	5.5	38.9	20.2	94	0.2	19.8	6.8	250	1.40	7.4	1.9	2.3	30	1.0	0.5	0.4	35	0.39	0.046	11
EC2500	Soil	3.9	31.4	19.8	69	0.2	14.8	6.5	244	1.32	6.4	2.4	2.1	32	1.1	0.5	0.3	33	0.42	0.068	11
ED0000	Soil	8.5	131.7	28.7	293	0.3	82.6	15.0	410	2.83	60.0	2.3	14.5	41	1.5	9.5	0.7	97	0.34	0.136	43
ED0050	Soil	5.6	109.4	14.1	243	0.7	96.3	21.0	637	4.42	44.5	2.8	0.6	26	1.8	11.7	0.6	61	0.20	0.122	22
ED0100	Soil	9.2	126.4	30.9	367	0.9	96.6	13.5	483	2.47	82.3	2.8	2.8	34	2.2	8.0	0.4	59	0.28	0.120	24
ED0150	Soil	6.1	154.0	15.2	119	0.4	93.2	14.9	328	2.59	17.5	1.5	7.1	28	0.4	4.1	0.2	52	0.45	0.134	22
ED0200	Soil	10.4	68.3	14.3	112	0.1	53.5	12.7	329	1.93	7.8	7.7	7.2	25	0.5	1.1	0.1	39	0.32	0.122	22
ED0250	Soil	13.2	111.2	25.1	110	0.3	54.9	16.7	459	2.15	15.5	3.4	11.6	28	0.4	1.6	0.2	40	0.35	0.123	23
ED0300	Soil	8.8	134.2	26.0	97	0.5	54.5	11.1	262	1.89	15.9	2.7	1.3	22	0.5	1.8	0.4	50	0.22	0.129	26
ED0350	Soil	6.6	429.2	27.5	193	1.7	84.5	19.6	395	1.69	13.8	4.8	4.0	39	1.7	0.7	1.8	47	0.38	0.147	26
ED0400	Soil	7.3	434.1	15.2	904	0.8	114.9	20.1	627	2.76	10.3	8.4	4.6	36	1.8	1.4	0.8	53	0.38	0.181	23
ED0450	Soil	42.7	514.8	79.5	579	1.8	484.6	23.6	1158	4.02	15.6	9.7	20.6	94	1.9	1.3	0.3	371	1.59	0.645	61
ED0500	Soil	8.2	176.0	62.3	426	1.2	119.9	23.2	616	3.74	37.0	3.9	5.3	54	0.6	1.7	0.7	119	0.58	0.250	27
ED0550	Soil	57.0	656.7	26.9	1036	3.4	608.5	35.2	1003	4.27	175.2	11.2	6.7	104	5.1	5.8	0.9	470	1.15	0.674	42
ED0600	Soil	7.6	178.4	31.7	225	0.9	105.3	17.2	479	3.01	20.7	8.5	1.9	26	0.5	0.9	1.3	84	0.15	0.130	22
ED0650	Soil	29.9	444.6	25.9	500	2.3	311.2	38.1	648	4.14	48.1	13.9	3.6	62	2.9	5.0	0.8	151	0.53	0.430	38
ED0700	Soil	6.7	164.0	29.9	338	1.3	140.1	33.8	670	3.30	126.4	2.4	1.5	31	1.8	1.9	6.7	53	0.27	0.173	22
ED1000	Soil	15.8	352.9	18.3	600	2.1	333.0	41.1	837	5.04	43.8	12.6	5.2	73	3.9	4.8	1.0	137	0.65	0.369	36
ED1050	Soil	16.2	296.5	18.6	383	1.5	238.7	21.4	299	4.31	27.6	8.9	1.1	57	1.2	2.7	1.9	92	0.43	0.305	28
ED1100	Soil	6.4	142.3	25.4	138	0.9	98.7	14.0	219	2.94	22.3	3.8	0.6	15	0.3	1.2	1.0	46	0.04	0.098	17
ED1150	Soil	4.9	159.3	15.0	209	1.0	118.0	23.8	563	3.22	20.3	5.0	4.2	34	1.1	1.6	1.8	68	0.29	0.194	22
ED1200	Soil	2.7	77.4	16.1	115	0.5	67.5	13.8	258	2.73	15.0	4.2	1.9	19	0.5	1.1	0.6	51	0.19	0.104	21
ED1250	Soil	4.3	122.3	16.8	160	0.8	84.9	15.5	463	3.56	16.0	7.7	7.6	39	0.7	2.2	0.4	54	0.24	0.205	34
ED1300	Soil	4.9	260.0	19.9	223	2.6	168.6	21.8	365	4.26	48.8	16.5	5.1	71	0.9	6.8	1.4	59	0.60	0.390	35
ED1350	Soil	11.4	342.7	16.9	2812	2.0	362.8	16.6	685	4.29	33.0	9.1	0.6	57	17.8	3.8	0.9	189	0.70	0.451	25
ED1400	Soil	7.9	319.4	18.4	667	1.3	303.6	33.6	942	3.45	29.6	6.9	4.8	63	3.0	3.8	1.0	72	0.49	0.306	35
ED1450	Soil	5.1	265.5	19.5	555	1.2	216.0	28.3	919	3.27	18.8	8.6	4.8	46	2.5	2.5	1.3	67	0.38	0.209	30
ED1500	Soil	20.6	282.2	22.1	588	1.1	288.9	15.9	450	3.57	34.2	7.2	0.6	61	1.4	7.5	1.9	189	0.41	0.358	33
ED1550	Soil	5.0	91.9	19.2	121	1.0	50.8	4.5	138	1.38	8.4	2.8	<0.1	16	0.4	1.2	0.4	32	0.06	0.142	11

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CERTIFICATE OF ANALYSIS WHI11001040.2

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EC2400	Soil	20	0.49	338	0.024	1	1.18	0.011	0.10	0.4	0.03	2.3	<0.1	<0.05	3	1.1	<0.2
EC2450	Soil	16	0.32	197	0.043	<1	0.67	0.005	0.08	0.5	<0.01	1.4	<0.1	<0.05	2	1.8	<0.2
EC2500	Soil	18	0.33	143	0.053	2	0.75	0.007	0.10	0.3	0.02	1.5	<0.1	<0.05	2	2.2	<0.2
ED0000	Soil	29	0.54	620	0.047	<1	1.06	0.005	0.16	7.9	0.04	2.8	0.4	<0.05	3	2.4	0.2
ED0050	Soil	61	0.57	651	0.004	<1	1.11	0.013	0.03	0.2	0.10	3.1	<0.1	0.05	3	3.5	<0.2
ED0100	Soil	39	0.29	555	0.013	<1	0.79	0.007	0.08	0.3	0.22	3.4	0.1	<0.05	2	2.3	<0.2
ED0150	Soil	33	0.78	344	0.026	2	0.97	0.006	0.05	0.3	0.03	4.2	<0.1	<0.05	3	1.2	<0.2
ED0200	Soil	22	0.51	349	0.031	3	0.95	0.006	0.07	0.2	0.01	2.3	0.1	<0.05	2	1.4	<0.2
ED0250	Soil	20	0.57	368	0.036	<1	0.96	0.006	0.08	0.3	0.01	2.3	<0.1	<0.05	3	1.1	<0.2
ED0300	Soil	29	0.27	173	0.020	<1	0.93	0.005	0.06	0.3	0.06	0.7	0.1	0.09	3	1.8	<0.2
ED0350	Soil	20	0.73	128	0.045	<1	0.71	0.005	0.06	0.3	0.02	1.4	0.2	<0.05	2	2.6	0.3
ED0400	Soil	33	0.95	248	0.047	1	1.29	0.005	0.32	0.2	0.02	2.1	0.9	0.10	4	2.6	0.3
ED0450	Soil	96	1.57	338	0.077	<1	1.70	0.006	0.62	0.3	0.08	4.7	1.6	0.07	6	3.9	0.3
ED0500	Soil	88	2.62	256	0.058	<1	2.24	0.005	0.23	0.1	0.03	4.4	0.8	0.12	7	3.3	0.3
ED0550	Soil	120	0.76	962	0.028	2	1.34	0.007	0.26	1.0	0.20	3.8	0.5	0.13	5	13.7	0.6
ED0600	Soil	35	0.83	265	0.010	1	1.15	0.006	0.10	0.2	0.07	1.2	0.3	0.14	4	4.7	0.6
ED0650	Soil	43	0.30	426	0.014	2	1.08	0.009	0.10	0.5	0.11	2.2	0.3	0.14	3	14.1	0.5
ED0700	Soil	34	0.43	277	0.023	1	0.87	0.005	0.07	0.4	0.07	1.5	0.2	0.10	3	4.9	2.6
ED1000	Soil	115	1.31	553	0.027	<1	1.47	0.004	0.10	0.3	0.08	6.4	0.3	0.06	5	6.7	0.5
ED1050	Soil	56	0.44	403	0.011	<1	1.08	0.005	0.07	0.2	0.04	2.7	0.3	<0.05	4	6.1	0.5
ED1100	Soil	34	0.18	233	0.011	1	0.48	0.005	0.07	0.2	0.05	1.4	0.2	0.07	3	3.3	0.4
ED1150	Soil	32	0.58	299	0.024	<1	1.04	0.004	0.05	0.3	0.03	2.9	0.3	<0.05	4	3.3	0.6
ED1200	Soil	32	0.44	127	0.027	<1	1.18	0.004	0.05	0.3	0.03	1.3	0.2	<0.05	4	1.5	<0.2
ED1250	Soil	40	0.57	237	0.040	<1	1.39	0.005	0.10	0.5	0.07	2.5	0.2	0.12	4	2.7	<0.2
ED1300	Soil	37	0.37	331	0.030	2	1.08	0.005	0.10	0.5	0.06	2.7	0.2	0.08	4	6.4	0.7
ED1350	Soil	110	1.06	1289	0.012	2	1.35	0.006	0.10	0.3	0.21	1.8	1.1	0.08	6	9.4	0.4
ED1400	Soil	41	0.57	502	0.019	<1	0.87	0.004	0.08	0.3	0.04	3.1	0.5	<0.05	3	5.5	0.4
ED1450	Soil	35	0.93	505	0.026	1	1.06	0.003	0.09	0.3	0.03	4.3	0.4	<0.05	4	4.0	0.4
ED1500	Soil	60	0.56	892	0.010	2	1.07	0.005	0.14	0.6	0.06	1.2	0.5	0.06	4	6.4	0.5
ED1550	Soil	13	0.06	185	0.002	<1	0.39	0.015	0.05	0.2	0.04	<0.1	0.1	<0.05	2	2.9	<0.2

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
ED1600	Soil	18.2	128.0	17.7	328	0.4	132.0	10.5	160	3.06	32.2	3.4	3.0	37	1.1	6.0	1.6	167	0.30	0.204	19
ED1650	Soil	40.2	168.7	21.2	610	2.3	159.3	7.1	230	2.66	50.3	3.3	1.3	30	1.7	11.6	1.8	100	0.05	0.083	16
ED1700	Soil	26.6	180.5	61.2	1098	1.7	196.9	13.6	317	5.06	135.9	3.8	1.7	64	1.8	12.0	1.6	283	0.48	0.378	14
ED1750	Soil	11.3	48.1	16.1	200	0.4	52.1	7.9	222	2.60	23.0	2.0	2.4	20	0.7	3.1	0.9	67	0.24	0.119	11
ED1800	Soil	10.3	155.0	19.5	968	0.4	232.3	14.6	431	2.53	57.2	2.6	5.6	23	7.1	2.6	0.8	89	0.31	0.155	26
ED1850	Soil	22.0	478.3	17.6	1779	1.5	388.1	24.4	760	1.93	67.2	6.4	1.9	59	58.5	6.2	1.1	84	0.72	0.132	93
ED1900	Soil	4.6	52.0	13.6	121	<0.1	28.1	10.6	306	1.91	12.5	2.2	4.7	27	0.9	2.2	0.4	44	0.34	0.090	10
ED1950	Soil	9.8	22.8	8.2	52	0.2	15.8	2.6	39	0.81	15.7	2.0	0.7	8	0.1	1.9	0.5	56	0.07	0.020	7
ED2000	Soil	15.7	36.4	26.0	92	0.5	25.8	4.5	122	2.09	21.9	2.2	3.5	12	0.3	1.2	0.9	76	0.11	0.145	12
ED2050	Soil	19.7	63.9	35.3	191	1.1	44.5	14.1	589	4.14	49.5	4.0	1.9	23	1.1	1.5	0.8	101	0.28	0.354	14
ED2100	Soil	12.6	80.2	43.4	224	0.4	58.1	14.1	527	3.52	18.8	1.5	5.4	21	0.7	1.4	0.9	70	0.28	0.411	12
ED2150	Soil	10.9	56.5	17.7	694	0.4	108.7	8.9	274	1.77	35.9	2.8	2.8	30	3.5	4.5	0.6	45	0.32	0.092	16
ED2200	Soil	7.2	41.6	24.8	85	0.3	24.8	6.6	227	2.83	22.3	1.5	4.0	16	0.3	2.0	0.9	64	0.21	0.183	9
ED2250	Soil	8.5	45.4	36.3	148	0.7	33.9	6.6	282	2.93	32.8	1.2	5.2	21	0.5	2.5	1.0	89	0.31	0.194	10
ED2300	Soil	7.3	84.5	14.7	761	1.5	137.2	6.1	164	1.56	60.2	5.1	4.3	42	5.6	7.1	0.5	34	0.63	0.238	22
ED2350	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.
ED2400	Soil	11.4	104.8	29.6	764	0.7	132.0	14.5	457	2.81	63.0	4.4	1.9	25	8.0	7.6	1.0	69	0.31	0.121	16
ED2450	Soil	7.2	52.1	22.0	103	0.3	23.0	11.2	329	2.45	21.1	4.3	0.9	18	1.8	1.6	1.0	84	0.23	0.085	9
ED2500	Soil	6.9	24.2	21.7	70	0.2	19.1	6.4	131	1.76	18.1	2.1	1.1	16	0.6	1.2	0.6	61	0.16	0.070	6
EE0000	Soil	3.6	210.1	21.6	201	0.4	52.0	14.0	462	3.81	37.6	6.3	11.6	35	0.7	3.2	0.8	114	0.51	0.216	28
EE0050	Soil	6.3	99.0	23.3	166	0.3	74.8	10.7	332	2.72	42.2	1.8	0.6	31	0.9	4.3	0.8	77	0.29	0.162	40
EE0100	Soil	5.1	144.4	32.7	168	0.4	43.2	13.8	383	2.84	32.7	1.9	7.7	24	0.9	4.2	0.8	46	0.23	0.097	58
EE0150	Soil	5.2	86.4	20.3	107	0.3	37.5	9.5	423	1.59	7.4	1.4	3.0	21	0.5	1.4	0.2	29	0.20	0.073	16
EE0200	Soil	11.8	106.7	13.9	94	0.3	61.0	10.9	270	2.48	11.1	2.1	1.3	32	0.3	3.6	0.3	46	0.33	0.146	21
EE0250	Soil	8.2	105.6	13.4	116	0.4	75.1	10.5	368	2.07	12.6	3.6	7.8	32	0.8	1.9	0.4	52	0.48	0.195	27
EE0300	Soil	6.1	129.6	19.3	87	0.3	37.1	11.0	441	1.93	9.1	3.5	7.5	18	0.5	0.9	0.3	37	0.22	0.118	25
EE0350	Soil	17.9	164.1	26.4	153	0.5	47.9	13.3	680	2.40	11.6	2.1	3.3	18	0.5	0.9	0.4	41	0.18	0.089	30
EE0400	Soil	30.2	155.3	37.4	148	0.7	43.5	13.6	920	2.28	17.2	3.0	11.3	17	1.1	1.0	0.2	39	0.19	0.106	42
EE0450	Soil	5.7	374.6	22.9	159	1.5	103.6	21.4	594	1.79	11.4	5.3	2.5	30	1.1	2.6	0.9	35	0.45	0.184	20
EE0500	Soil	12.1	248.9	56.0	205	0.7	136.5	13.9	522	2.58	24.3	1.7	6.3	29	0.6	2.8	0.4	111	0.38	0.225	41

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Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
ED1600	Soil	37	0.16	307	0.086	<1	0.49	0.005	0.06	0.4	0.01	2.0	0.2	0.05	4	5.3	0.5
ED1650	Soil	19	0.05	330	0.017	<1	0.37	0.004	0.04	0.4	0.01	1.8	0.2	<0.05	2	8.3	0.4
ED1700	Soil	56	0.96	124	0.056	<1	1.18	0.006	0.04	0.6	0.03	2.2	<0.1	<0.05	5	22.2	0.2
ED1750	Soil	18	0.38	89	0.029	<1	0.95	0.004	0.07	0.3	0.02	1.8	<0.1	<0.05	2	2.7	0.3
ED1800	Soil	26	0.48	188	0.029	<1	1.53	0.005	0.11	0.3	0.02	2.7	0.2	<0.05	2	2.1	0.2
ED1850	Soil	23	0.30	1096	0.018	2	1.16	0.011	0.10	0.3	0.28	2.4	0.5	0.06	2	5.0	0.3
ED1900	Soil	17	0.51	103	0.048	<1	1.00	0.005	0.11	0.3	<0.01	2.2	<0.1	<0.05	2	2.3	<0.2
ED1950	Soil	8	0.03	68	0.054	<1	0.36	0.005	0.04	0.2	<0.01	0.5	<0.1	<0.05	4	1.3	<0.2
ED2000	Soil	20	0.16	157	0.051	<1	0.90	0.004	0.06	0.4	0.01	1.4	0.2	<0.05	6	1.7	<0.2
ED2050	Soil	33	0.36	551	0.050	1	1.53	0.007	0.11	0.5	0.03	1.7	0.2	0.07	4	3.0	<0.2
ED2100	Soil	45	0.37	514	0.043	<1	1.17	0.007	0.08	0.5	0.03	2.3	0.1	<0.05	4	1.8	0.3
ED2150	Soil	18	0.38	436	0.024	<1	0.87	0.004	0.09	0.3	0.01	1.9	<0.1	<0.05	2	1.9	<0.2
ED2200	Soil	26	0.33	262	0.075	<1	0.90	0.006	0.07	0.3	0.03	1.4	0.2	<0.05	5	1.8	<0.2
ED2250	Soil	29	0.37	194	0.073	<1	0.93	0.006	0.06	0.6	0.04	1.8	0.1	<0.05	4	1.7	0.2
ED2300	Soil	18	0.26	350	0.024	<1	0.59	0.004	0.07	0.4	0.04	1.9	0.1	<0.05	1	1.6	0.2
ED2350	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.
ED2400	Soil	26	0.36	311	0.045	<1	0.87	0.006	0.10	0.7	0.02	2.0	0.1	<0.05	3	4.0	0.2
ED2450	Soil	22	0.18	177	0.099	<1	0.68	0.006	0.08	0.3	0.02	1.2	<0.1	<0.05	4	2.8	0.4
ED2500	Soil	16	0.14	93	0.048	<1	0.64	0.004	0.07	0.6	0.01	1.0	0.1	<0.05	3	2.0	<0.2
EE0000	Soil	35	1.05	1559	0.052	<1	1.48	0.005	0.38	0.8	0.02	2.4	0.6	<0.05	5	2.0	0.2
EE0050	Soil	53	0.41	651	0.010	<1	1.18	0.006	0.11	0.3	0.05	0.8	0.2	<0.05	4	2.1	<0.2
EE0100	Soil	21	0.37	1185	0.021	<1	1.01	0.007	0.11	0.6	0.05	2.3	0.3	<0.05	3	1.4	<0.2
EE0150	Soil	21	0.42	254	0.037	<1	0.97	0.015	0.12	0.1	0.02	2.1	0.1	<0.05	2	1.0	<0.2
EE0200	Soil	26	0.40	591	0.023	<1	0.92	0.005	0.07	0.2	0.04	2.1	0.2	<0.05	3	1.8	<0.2
EE0250	Soil	26	0.37	398	0.035	<1	0.77	0.005	0.07	0.2	0.04	3.0	0.1	<0.05	2	2.0	<0.2
EE0300	Soil	22	0.37	146	0.043	<1	1.04	0.005	0.09	0.4	0.03	1.9	0.1	<0.05	3	1.4	<0.2
EE0350	Soil	24	0.51	317	0.024	<1	1.16	0.005	0.12	0.3	0.03	1.8	0.2	<0.05	3	1.3	<0.2
EE0400	Soil	15	0.37	3928	0.018	<1	1.09	0.011	0.14	0.2	0.06	2.4	0.2	<0.05	2	1.5	<0.2
EE0450	Soil	22	0.63	129	0.026	<1	0.66	0.004	0.07	0.2	0.03	1.3	0.3	0.06	2	2.1	0.4
EE0500	Soil	39	0.48	212	0.024	1	1.22	0.006	0.14	0.2	0.07	1.4	0.4	<0.05	4	2.1	<0.2

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CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EE0550	Soil	11.4	226.6	47.5	377	0.9	158.1	22.2	748	3.96	44.9	4.8	2.9	32	1.3	1.3	0.6	93	0.32	0.256	26
EE0600	Soil	8.1	75.9	11.7	101	0.5	66.3	8.2	190	2.66	13.6	3.2	5.1	28	0.5	0.9	0.6	48	0.21	0.141	26
EE0650	Soil	58.0	209.0	11.9	406	3.6	142.9	6.2	180	4.43	57.6	38.1	1.9	99	2.0	4.6	1.3	279	0.82	0.588	39
EE0700	Soil	8.2	84.5	15.2	104	1.2	35.3	4.0	127	3.43	8.4	5.8	10.3	25	0.2	0.5	0.3	23	0.03	0.091	41
EE0750	Soil	14.3	141.5	24.8	185	2.5	80.1	7.9	120	3.93	26.0	7.6	12.4	39	0.4	1.6	0.4	34	0.03	0.118	38
EE0800	Soil	34.2	263.6	61.3	503	4.1	221.7	29.8	714	3.57	74.3	14.7	9.0	58	2.0	1.6	0.9	80	0.29	0.238	39
EE0850	Soil	12.7	249.0	33.9	340	2.6	216.4	20.2	379	4.02	49.9	5.0	2.4	47	0.6	2.1	18.7	67	0.20	0.210	25
EE0900	Soil	22.6	385.3	34.5	609	2.1	350.8	23.0	629	3.60	49.5	13.9	4.1	86	1.3	2.4	1.3	102	0.78	0.532	29
EE0950	Soil	7.1	132.2	15.1	502	1.0	250.4	51.7	1491	3.41	17.2	4.6	3.7	28	2.0	1.2	1.0	41	0.20	0.132	21
EE1000	Soil	14.4	430.2	18.4	1435	1.8	682.0	34.4	1003	5.44	48.5	8.8	5.2	367	5.3	2.4	1.7	268	1.19	0.772	31
EE1050	Soil	16.1	306.7	36.2	475	1.3	246.4	23.0	445	5.23	18.0	11.6	4.0	61	0.8	2.8	3.5	56	0.54	0.485	34
EE1100	Soil	5.1	275.5	12.6	284	1.4	186.0	24.9	768	5.22	69.8	6.9	5.9	45	1.2	2.0	1.3	89	0.57	0.321	29
EE1150	Soil	12.4	270.2	41.3	244	1.4	194.1	16.0	265	4.90	16.6	5.6	4.3	64	0.5	2.9	1.2	40	0.33	0.339	32
EE1200	Soil	4.7	131.1	21.7	219	0.9	120.1	12.4	391	3.39	27.3	4.0	0.3	23	0.5	1.7	0.6	48	0.13	0.211	20
EE1250	Soil	7.7	245.6	44.0	350	0.5	160.0	15.3	414	3.91	29.8	3.2	0.7	23	0.5	5.1	0.9	41	0.04	0.109	29
EE1300	Soil	7.4	306.2	26.8	366	1.3	189.1	20.2	481	3.94	29.9	3.8	1.9	64	0.9	4.7	0.8	39	0.29	0.284	32
EE1350	Soil	9.2	322.3	24.8	330	1.6	175.6	12.5	282	3.59	23.4	5.7	1.1	55	0.8	2.7	0.6	46	0.28	0.283	30
EE1400	Soil	17.5	315.1	31.1	362	1.2	241.4	28.6	574	4.09	25.4	3.8	2.2	35	0.7	4.0	1.2	62	0.11	0.158	34
EE1450	Soil	22.6	647.6	25.0	548	1.3	281.6	34.8	897	4.82	84.7	4.1	3.1	27	1.2	11.7	1.0	35	0.13	0.206	32
EE1500	Soil	4.6	171.3	33.3	237	0.8	197.3	26.3	706	4.65	17.9	7.0	4.8	49	0.9	1.0	2.1	116	0.76	0.273	23
EE1550	Soil	19.4	179.6	9.6	203	1.5	90.3	14.5	283	7.18	15.0	4.2	2.2	71	1.1	3.6	1.0	85	0.19	0.112	19
EE1600	Soil	30.4	297.5	68.2	2861	4.3	395.1	18.4	825	2.59	233.9	10.9	5.0	89	28.6	9.8	1.1	389	0.87	0.420	60
EE1650	Soil	24.0	89.2	19.1	431	0.9	153.9	2.8	61	1.62	39.0	3.4	0.2	19	0.6	8.9	1.3	98	0.06	0.069	9
EE1700	Soil	45.3	186.2	36.9	1042	1.0	206.1	13.3	343	3.54	79.3	8.9	4.8	69	2.2	13.0	2.2	268	0.41	0.309	22
EE1750	Soil	28.8	97.2	20.8	571	0.6	136.6	8.7	249	2.24	46.3	3.5	2.9	62	1.3	8.8	1.0	175	0.55	0.316	18
EE1800	Soil	20.0	74.4	13.8	410	0.2	105.4	7.5	191	2.14	35.9	3.6	3.1	38	1.1	5.7	0.9	149	0.50	0.252	16
EE1850	Soil	26.3	46.0	33.3	796	0.7	90.7	9.5	389	3.15	110.0	1.7	1.5	32	1.7	4.7	2.0	170	0.16	0.118	16
EE1900	Soil	49.3	556.4	33.9	2879	6.5	525.8	17.6	723	4.42	560.9	18.7	1.3	75	24.6	47.6	2.9	262	0.87	0.428	33
EE1950	Soil	12.8	27.8	9.9	87	0.8	20.1	3.5	81	1.39	47.6	1.3	2.4	16	0.2	6.0	0.9	86	0.17	0.034	9
EE2000	Soil	11.9	44.3	17.5	133	0.5	35.8	5.2	198	2.57	35.0	1.9	4.0	20	0.4	1.7	0.7	81	0.27	0.181	10

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EE0550	Soil	46	0.53	256	0.019	<1	1.16	0.005	0.09	0.3	0.11	2.5	0.3	0.07	4	8.0	0.3
EE0600	Soil	21	0.27	239	0.029	<1	0.81	0.006	0.10	0.4	<0.01	1.2	<0.1	0.16	3	3.7	0.3
EE0650	Soil	48	0.53	398	0.012	1	1.01	0.029	0.15	0.4	0.04	1.6	0.1	0.37	3	27.3	0.8
EE0700	Soil	13	0.08	317	0.004	<1	0.31	0.008	0.18	<0.1	0.03	0.7	0.1	0.35	2	8.5	0.4
EE0750	Soil	13	0.05	315	0.003	<1	0.30	0.006	0.19	0.2	0.05	1.0	0.2	0.38	1	11.6	0.3
EE0800	Soil	24	0.18	418	0.009	<1	0.79	0.006	0.12	0.4	0.11	2.0	0.2	0.14	2	11.6	1.2
EE0850	Soil	47	0.16	427	0.006	2	0.47	0.005	0.11	0.4	0.08	1.8	0.2	0.17	2	8.0	4.0
EE0900	Soil	52	0.26	813	0.017	2	0.85	0.007	0.13	0.6	0.05	2.1	0.3	0.22	3	11.9	0.7
EE0950	Soil	25	0.25	516	0.014	<1	0.72	0.009	0.05	0.1	0.04	4.7	0.2	<0.05	3	3.1	0.3
EE1000	Soil	218	0.54	2761	0.010	2	0.99	0.004	0.12	0.5	0.16	6.8	0.3	0.09	4	12.9	0.7
EE1050	Soil	44	0.36	365	0.016	<1	0.74	0.008	0.09	0.5	0.01	2.2	0.2	0.14	3	9.6	1.7
EE1100	Soil	48	0.92	398	0.013	<1	1.13	0.005	0.12	0.1	0.04	6.1	0.6	0.08	4	4.3	0.4
EE1150	Soil	55	0.21	692	0.009	<1	0.67	0.010	0.12	0.5	0.04	2.4	0.3	0.15	3	6.9	0.7
EE1200	Soil	28	0.23	240	0.003	<1	0.83	0.004	0.07	0.2	0.02	0.3	0.3	<0.05	4	3.3	0.2
EE1250	Soil	31	0.08	327	0.005	<1	0.40	0.003	0.06	0.2	0.01	0.7	0.2	<0.05	3	3.7	0.4
EE1300	Soil	22	0.08	1034	0.003	<1	0.46	0.003	0.08	0.3	0.04	1.1	0.4	<0.05	2	5.7	0.5
EE1350	Soil	31	0.11	810	0.004	<1	0.59	0.005	0.10	0.3	0.04	0.9	0.4	<0.05	3	5.4	0.3
EE1400	Soil	45	0.62	358	0.007	<1	1.00	0.003	0.08	0.4	0.04	2.1	0.5	<0.05	5	3.9	0.4
EE1450	Soil	31	0.08	663	0.003	<1	0.42	0.004	0.08	0.8	0.08	2.5	0.3	<0.05	2	6.0	0.5
EE1500	Soil	122	2.85	1736	0.100	<1	2.38	0.005	0.14	2.4	0.02	3.8	0.6	<0.05	8	3.2	0.9
EE1550	Soil	46	0.81	653	0.375	<1	1.40	0.023	0.08	0.2	0.02	6.0	0.2	0.25	6	11.2	0.3
EE1600	Soil	35	0.12	552	0.005	<1	0.55	0.005	0.07	0.4	0.06	3.9	0.4	<0.05	2	9.1	1.3
EE1650	Soil	27	0.03	386	0.010	<1	0.24	0.006	0.04	0.3	<0.01	0.5	0.1	<0.05	2	6.6	0.5
EE1700	Soil	30	0.28	964	0.033	<1	0.70	0.003	0.08	0.6	0.02	2.5	0.3	<0.05	2	9.8	0.6
EE1750	Soil	23	0.16	612	0.022	<1	0.45	0.002	0.07	0.5	<0.01	1.4	0.2	<0.05	2	7.2	0.4
EE1800	Soil	22	0.23	291	0.032	<1	0.59	0.003	0.08	0.4	<0.01	1.5	0.1	<0.05	2	5.6	0.3
EE1850	Soil	24	0.42	456	0.035	<1	0.82	0.007	0.10	0.3	<0.01	1.0	0.2	0.05	4	6.4	0.6
EE1900	Soil	58	0.51	2464	0.017	<1	1.40	0.008	0.20	0.7	0.20	1.8	1.2	<0.05	4	11.5	1.2
EE1950	Soil	13	0.16	113	0.071	<1	0.55	0.004	0.08	0.2	<0.01	0.9	0.2	<0.05	5	1.9	0.3
EE2000	Soil	21	0.36	179	0.041	<1	1.22	0.005	0.08	0.5	0.02	1.3	0.1	<0.05	4	1.9	<0.2

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CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EE2050	Soil	13.9	45.2	17.9	78	0.2	36.8	5.8	180	2.15	17.3	0.8	7.2	18	0.2	1.3	0.5	51	0.23	0.161	12
EE2100	Soil	7.8	32.6	19.5	68	0.5	20.0	4.5	212	2.88	13.4	0.8	5.4	16	0.2	0.6	0.4	65	0.18	0.240	9
EE2150	Soil	11.2	51.3	27.4	90	0.3	39.8	8.1	776	2.80	14.5	1.4	7.7	23	0.3	1.1	0.7	58	0.32	0.281	10
EE2200	Soil	7.4	37.2	11.2	167	0.1	30.6	6.9	261	1.34	5.2	1.6	4.6	33	3.2	0.6	0.2	25	0.43	0.065	12
EE2250	Soil	13.7	101.7	17.3	646	0.3	100.3	7.3	310	2.23	22.0	4.0	3.8	31	4.5	3.4	0.5	58	0.38	0.067	15
EE2300	Soil	9.1	56.0	42.2	220	1.3	41.0	12.0	607	4.55	42.2	4.7	2.9	20	1.0	3.3	0.9	52	0.20	0.148	11
EE2350	Soil	11.7	78.9	35.2	359	1.3	67.6	11.2	516	2.65	17.9	2.4	2.0	24	5.0	2.9	0.7	51	0.30	0.073	14
EE2400	Soil	14.7	34.9	13.6	92	0.2	20.6	5.7	123	1.77	27.4	2.7	0.8	19	0.4	3.7	0.7	50	0.19	0.032	6
EE2450	Soil	12.9	67.4	22.5	317	0.6	65.1	8.9	285	2.56	49.4	3.4	1.0	19	2.5	5.6	1.2	67	0.20	0.079	8
EE2500	Soil	10.5	37.1	27.9	128	<0.1	26.1	24.2	1114	2.45	12.6	2.9	1.8	28	1.4	0.8	0.5	48	0.36	0.037	9
EF0000	Soil	5.0	118.3	23.2	129	0.2	71.3	13.8	452	3.85	26.3	2.6	1.8	39	0.4	1.4	0.6	107	0.63	0.363	18
EF0050	Soil	4.8	125.8	29.2	125	0.5	65.8	15.0	542	3.65	19.9	3.9	9.8	30	0.5	2.0	0.7	93	0.37	0.207	23
EF0100	Soil	4.7	87.8	20.4	76	0.2	30.5	7.6	279	2.71	11.9	7.7	2.1	28	0.4	1.5	1.2	35	0.19	0.102	19
EF0150	Soil	4.6	110.5	19.7	91	0.3	48.1	12.9	378	3.98	14.1	5.9	3.6	38	0.3	1.0	12.7	56	0.27	0.126	21
EF0200	Soil	14.0	106.9	30.8	270	0.7	90.7	10.0	280	2.30	31.8	3.0	0.6	47	1.2	3.9	0.7	65	0.30	0.125	23
EF0250	Soil	5.4	90.2	17.2	99	0.3	38.3	8.7	363	1.94	11.7	2.4	3.2	22	0.8	1.9	0.5	38	0.26	0.135	21
EF0300	Soil	4.7	103.6	13.3	100	0.3	51.0	9.3	269	1.74	7.4	5.2	0.6	16	0.4	1.4	0.3	39	0.15	0.081	15
EF0350	Soil	5.3	282.6	13.8	457	0.9	285.3	26.8	1114	3.82	16.1	4.0	5.5	35	2.4	7.2	0.3	77	0.47	0.189	50
EF0400	Soil	12.0	248.1	14.1	179	0.3	204.8	17.2	373	1.95	22.7	4.3	6.3	37	0.7	2.9	0.7	67	0.56	0.259	31
EF0450	Soil	9.3	229.7	11.8	118	0.3	132.1	14.9	311	2.14	12.3	4.5	4.1	39	0.5	5.9	0.8	57	0.47	0.244	28
EF0500	Soil	11.1	207.1	15.7	314	0.8	174.9	13.9	453	2.74	25.3	6.2	2.9	48	1.0	4.8	1.1	130	0.69	0.347	35
EF0550	Soil	14.3	238.5	11.6	530	1.3	243.7	17.8	367	3.17	35.9	3.0	1.7	80	1.2	4.3	0.7	192	1.10	0.560	29
EF0600	Soil	18.0	198.5	13.1	920	1.0	287.7	11.1	565	2.85	52.9	7.0	4.5	91	3.0	1.8	0.7	233	2.22	0.892	26
EF0650	Soil	23.3	242.9	40.9	271	0.8	173.8	13.0	565	2.94	56.6	8.5	6.9	53	1.0	18.8	0.6	108	0.57	0.347	33
EF0700	Soil	30.0	359.5	33.9	613	2.0	321.9	31.0	780	4.49	72.3	9.3	5.2	70	3.1	5.7	1.0	183	0.59	0.365	36
EF0750	Soil	59.1	319.9	29.1	680	1.2	414.5	28.6	895	4.44	80.3	4.6	5.0	92	1.2	10.8	0.8	563	1.01	0.552	33
EF0800	Soil	26.3	640.0	24.5	908	4.0	618.9	71.3	1535	5.57	228.9	13.2	1.5	106	4.1	35.1	1.5	144	0.85	0.569	34
EF0850	Soil	15.8	357.3	24.2	660	1.5	339.6	33.8	901	4.82	55.1	5.2	1.1	67	3.0	11.8	1.6	128	0.70	0.456	33
EF0900	Soil	16.6	234.0	35.8	590	2.7	315.5	34.0	943	3.63	66.3	11.1	1.4	77	2.6	5.2	6.4	149	0.63	0.395	31
EF0950	Soil	21.4	207.6	26.5	392	0.9	193.9	9.7	171	3.13	41.2	4.7	0.1	39	0.6	2.7	2.2	194	0.11	0.218	25

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CERTIFICATE OF ANALYSIS WHI11001040.2

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EE2050	Soil	24	0.24	153	0.035	<1	0.79	0.004	0.08	0.4	<0.01	1.2	0.1	<0.05	4	1.9	<0.2
EE2100	Soil	24	0.22	241	0.058	<1	1.15	0.005	0.06	0.5	0.01	1.3	0.1	<0.05	6	1.0	<0.2
EE2150	Soil	43	0.38	262	0.045	<1	1.16	0.005	0.09	0.5	0.02	1.7	0.1	<0.05	4	1.6	0.2
EE2200	Soil	11	0.37	316	0.053	<1	0.69	0.005	0.08	0.3	<0.01	1.4	<0.1	<0.05	2	0.7	<0.2
EE2250	Soil	23	0.55	373	0.037	<1	1.30	0.006	0.21	0.3	0.05	2.1	0.2	<0.05	3	1.8	0.2
EE2300	Soil	31	0.34	235	0.031	<1	1.59	0.006	0.10	0.4	0.07	1.6	0.2	<0.05	4	3.4	0.3
EE2350	Soil	26	0.43	823	0.053	<1	1.25	0.012	0.20	0.4	0.03	1.6	0.2	<0.05	4	2.2	0.2
EE2400	Soil	14	0.11	168	0.059	<1	0.44	0.005	0.10	0.5	<0.01	0.8	<0.1	<0.05	2	2.9	0.4
EE2450	Soil	24	0.14	464	0.036	<1	0.66	0.006	0.14	0.9	0.01	1.1	0.1	<0.05	3	3.3	0.5
EE2500	Soil	24	0.40	317	0.068	<1	0.94	0.007	0.13	0.3	<0.01	1.4	<0.1	<0.05	3	2.8	0.3
EF0000	Soil	57	0.87	1522	0.048	<1	1.67	0.009	0.31	4.1	0.02	1.2	0.5	<0.05	6	2.1	<0.2
EF0050	Soil	32	0.68	906	0.033	<1	1.37	0.005	0.16	1.6	0.04	1.9	0.3	<0.05	4	2.1	<0.2
EF0100	Soil	23	0.40	597	0.041	<1	1.07	0.006	0.15	0.6	0.02	1.0	0.3	<0.05	4	1.3	0.3
EF0150	Soil	40	0.95	499	0.124	<1	1.69	0.006	0.24	0.3	0.02	2.1	0.5	0.06	6	1.3	0.3
EF0200	Soil	25	0.22	707	0.008	<1	0.76	0.008	0.08	0.3	0.14	1.4	0.2	<0.05	2	3.9	<0.2
EF0250	Soil	21	0.30	237	0.033	<1	0.90	0.005	0.08	0.2	0.02	1.7	0.1	<0.05	3	1.4	<0.2
EF0300	Soil	23	0.40	130	0.020	<1	0.92	0.009	0.07	0.2	0.03	0.7	0.1	0.06	3	0.9	<0.2
EF0350	Soil	33	0.55	653	0.016	<1	1.23	0.010	0.08	0.2	0.04	5.8	0.2	<0.05	3	1.9	0.3
EF0400	Soil	23	0.35	336	0.040	<1	0.66	0.007	0.07	0.7	<0.01	2.1	0.1	<0.05	2	2.3	0.3
EF0450	Soil	26	0.41	255	0.042	<1	0.74	0.006	0.08	2.2	0.02	1.9	0.2	0.05	2	2.6	0.2
EF0500	Soil	52	0.78	630	0.037	<1	0.94	0.004	0.18	0.2	0.03	2.3	0.4	0.10	4	5.4	0.4
EF0550	Soil	57	0.97	408	0.025	1	1.12	0.005	0.14	0.3	0.08	2.4	0.4	<0.05	4	5.3	<0.2
EF0600	Soil	124	1.80	579	0.047	1	1.44	0.005	0.41	0.7	0.12	3.5	1.1	<0.05	5	4.2	0.2
EF0650	Soil	38	0.21	531	0.012	<1	0.75	0.007	0.11	0.4	0.06	1.8	0.3	0.09	3	3.8	0.4
EF0700	Soil	56	0.78	655	0.012	<1	1.19	0.005	0.18	0.4	0.10	3.7	0.5	0.12	4	8.0	0.6
EF0750	Soil	95	0.63	699	0.018	<1	1.25	0.004	0.20	0.4	0.07	3.5	0.6	<0.05	5	6.0	0.5
EF0800	Soil	62	0.33	629	0.007	1	0.97	0.004	0.13	0.4	0.17	1.7	0.8	0.07	3	9.8	0.8
EF0850	Soil	95	0.51	561	0.007	1	1.05	0.004	0.11	0.3	0.08	2.0	0.6	<0.05	4	6.9	0.6
EF0900	Soil	158	0.87	586	0.011	2	1.27	0.005	0.10	0.3	0.14	2.7	0.3	<0.05	4	7.4	1.5
EF0950	Soil	38	0.10	665	0.002	<1	0.48	0.005	0.09	0.3	0.03	0.2	0.3	<0.05	3	9.2	0.7

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	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EF1000	Soil	15.5	188.2	16.5	365	1.7	160.0	10.1	272	3.29	41.0	5.1	0.5	55	1.1	2.3	1.8	164	0.67	0.470	31
EF1050	Soil	25.6	611.7	21.8	1259	2.3	842.6	75.2	1815	5.64	72.0	14.2	3.8	104	5.4	21.4	1.6	254	1.41	0.713	60
EF1100	Soil	10.7	276.0	23.7	763	1.2	263.3	26.0	1152	4.52	53.4	14.4	1.3	53	3.4	8.4	2.7	135	0.50	0.340	31
EF1150	Soil	15.3	173.4	13.4	824	1.8	421.2	40.9	1256	4.52	91.5	12.7	4.4	84	6.8	41.4	0.7	73	0.44	0.302	15
EF1200	Soil	7.5	114.1	21.3	303	0.6	117.6	12.5	471	2.72	24.0	5.1	0.2	23	0.7	3.4	1.4	117	0.11	0.173	16
EF1250	Soil	11.2	164.4	22.8	473	0.9	189.3	18.5	704	3.24	41.5	2.4	0.6	23	1.1	6.1	1.5	113	0.13	0.173	24
EF1300	Soil	13.0	120.7	23.6	387	0.7	133.9	10.1	276	3.89	24.4	4.1	0.4	25	1.4	4.0	4.1	119	0.12	0.143	27
EF1350	Soil	26.8	104.5	13.9	684	0.8	187.2	15.2	395	3.37	29.4	1.4	2.8	33	1.9	3.0	3.4	331	0.47	0.290	22
EF1400	Soil	18.9	101.6	22.7	305	0.6	98.0	13.1	771	2.73	33.7	1.0	0.2	26	1.0	2.3	1.4	124	0.19	0.232	20
EF1450	Soil	39.9	67.8	6.7	969	0.9	124.3	19.9	346	1.55	63.2	6.5	4.4	6	3.6	2.7	0.7	169	0.24	0.065	17
EF1500	Soil	55.7	293.2	106.4	2484	3.8	379.2	19.8	575	3.63	212.5	5.0	2.8	67	10.4	18.7	2.2	370	0.48	0.277	42
EF1550	Soil	23.5	107.8	22.2	454	1.1	105.9	5.8	113	2.85	34.6	2.3	1.6	31	1.2	4.3	2.7	184	0.11	0.132	22
EF1600	Soil	11.8	108.2	15.4	445	1.0	130.2	18.5	448	3.36	42.3	4.1	4.4	38	1.8	4.9	1.4	133	0.48	0.374	22
EF1650	Soil	30.8	147.9	28.7	1041	1.8	192.6	12.2	201	4.13	68.3	3.2	4.8	85	2.7	11.4	5.8	194	0.72	0.412	27
EF1700	Soil	34.5	142.6	29.8	732	1.4	206.3	7.5	136	2.94	92.5	1.3	1.3	58	1.1	15.6	3.4	332	0.51	0.367	19
EF1750	Soil	26.8	169.9	23.2	814	1.4	207.3	11.2	259	2.77	120.0	5.1	4.0	76	1.7	13.4	2.3	287	0.91	0.503	21
EF1800	Soil	20.2	155.9	20.3	692	3.5	174.0	7.8	187	2.29	84.0	7.7	4.0	91	2.0	14.0	3.1	190	1.15	0.643	20
EF1850	Soil	21.3	112.6	23.7	690	0.9	173.0	9.2	209	3.29	102.0	3.4	4.9	78	1.4	13.4	4.8	221	0.94	0.636	23
EF1900	Soil	6.3	31.8	15.8	219	0.7	45.0	1.1	60	0.92	33.1	1.5	1.8	56	0.5	5.7	0.9	63	0.17	0.166	20
EF1950	Soil	8.9	32.9	14.1	141	0.9	33.0	3.2	65	0.98	35.6	1.2	1.5	17	0.6	2.8	1.2	64	0.21	0.097	11
EF2000	Soil	38.7	389.0	13.0	2280	2.3	597.1	67.5	1706	7.85	555.8	5.6	3.8	17	7.6	20.4	0.3	179	0.34	0.261	22
EF2050	Soil	2.2	55.0	16.5	78	0.3	19.5	12.1	298	1.38	5.8	3.1	5.3	23	0.6	0.5	0.3	26	0.34	0.080	14
EF2100	Soil	4.9	55.7	12.5	97	0.2	23.0	11.5	276	1.91	11.1	2.7	5.5	24	1.0	1.1	0.5	40	0.31	0.086	10
EF2150	Soil	7.7	63.1	15.1	217	0.8	43.6	8.8	231	1.29	50.0	2.8	5.1	32	1.9	6.0	0.9	66	0.47	0.154	11
EF2200	Soil	5.4	75.2	14.0	175	0.6	43.2	9.5	242	1.35	34.6	3.2	5.3	37	2.7	5.0	0.5	55	0.51	0.161	16
EF2250	Soil	36.5	107.1	31.0	568	1.2	159.2	9.5	311	2.70	309.0	8.4	3.8	40	2.3	21.7	1.5	225	0.45	0.296	20
EF2300	Soil	13.7	26.6	20.7	130	0.3	23.6	7.9	256	2.14	63.0	4.2	0.7	21	0.9	2.7	0.9	78	0.21	0.087	8
EF2350	Soil	3.8	21.2	16.3	58	0.9	13.6	4.6	198	1.26	15.9	2.5	0.4	10	0.2	1.2	0.6	46	0.13	0.066	5
EF2400	Soil	8.8	50.9	39.7	144	0.8	35.2	10.3	508	3.20	40.1	3.0	3.0	20	0.7	3.1	0.9	66	0.25	0.162	10
EF2450	Soil	7.9	25.8	18.1	79	0.3	19.6	6.8	140	1.88	34.2	4.9	1.4	11	0.4	2.8	1.2	49	0.21	0.064	7

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EF1000	Soil	78	0.73	585	0.008	2	1.10	0.005	0.16	0.7	0.04	0.7	0.6	0.10	5	7.5	0.6
EF1050	Soil	425	1.84	964	0.017	<1	1.96	0.004	0.12	0.9	0.14	6.4	0.9	<0.05	7	7.7	0.6
EF1100	Soil	62	0.61	691	0.010	<1	1.11	0.004	0.12	0.3	0.07	3.0	0.5	<0.05	4	6.0	0.7
EF1150	Soil	44	0.09	1341	0.003	1	0.48	0.002	0.09	0.2	0.11	5.8	0.5	<0.05	2	4.8	0.2
EF1200	Soil	59	0.59	351	0.006	1	1.09	0.007	0.10	0.1	0.03	0.5	0.4	<0.05	5	3.6	0.3
EF1250	Soil	75	0.46	343	0.016	<1	0.97	0.003	0.09	0.2	0.03	1.3	0.4	<0.05	5	4.1	0.4
EF1300	Soil	32	0.18	611	0.023	<1	0.65	0.003	0.07	0.2	0.01	1.0	0.2	0.06	4	5.7	0.7
EF1350	Soil	46	1.51	828	0.056	<1	1.31	0.005	0.06	0.3	0.04	2.9	<0.1	<0.05	5	4.3	0.6
EF1400	Soil	38	0.23	402	0.006	1	0.82	0.004	0.08	0.2	0.02	0.3	0.3	0.08	4	3.5	0.3
EF1450	Soil	13	0.18	129	0.089	<1	0.27	0.002	0.02	0.3	0.41	1.7	<0.1	<0.05	<1	8.9	0.2
EF1500	Soil	37	0.22	910	0.018	<1	0.60	0.003	0.07	0.9	0.11	3.9	0.2	<0.05	2	14.0	0.9
EF1550	Soil	27	0.13	400	0.073	<1	0.52	0.004	0.06	0.2	<0.01	1.4	0.2	<0.05	4	5.9	0.6
EF1600	Soil	39	0.52	340	0.050	1	1.09	0.005	0.08	0.3	<0.01	3.0	0.1	<0.05	3	5.4	0.3
EF1650	Soil	43	0.64	1786	0.068	1	0.98	0.005	0.11	0.3	<0.01	3.0	0.3	0.07	3	14.8	1.0
EF1700	Soil	47	0.21	961	0.028	1	0.71	0.003	0.11	0.4	<0.01	2.0	0.3	<0.05	3	9.5	0.6
EF1750	Soil	45	0.35	861	0.026	2	0.86	0.003	0.14	0.5	<0.01	2.7	0.2	<0.05	2	8.8	0.6
EF1800	Soil	43	0.20	1467	0.012	2	0.71	0.003	0.16	0.3	0.02	2.2	0.3	<0.05	2	11.3	0.7
EF1850	Soil	49	0.37	1200	0.040	2	0.89	0.003	0.15	0.4	<0.01	2.9	0.3	<0.05	3	7.8	0.7
EF1900	Soil	28	0.03	2127	0.014	<1	0.38	0.003	0.06	0.2	0.01	0.8	0.1	<0.05	2	3.2	0.2
EF1950	Soil	31	0.15	142	0.024	<1	0.48	0.002	0.05	0.3	0.03	1.1	0.2	0.05	4	2.2	0.5
EF2000	Soil	941	5.22	134	0.019	1	4.09	0.003	0.05	<0.1	0.09	12.8	0.2	<0.05	9	7.1	0.3
EF2050	Soil	16	0.41	95	0.049	<1	0.77	0.004	0.09	0.2	0.02	2.1	<0.1	<0.05	2	1.1	<0.2
EF2100	Soil	17	0.49	139	0.048	1	1.11	0.005	0.14	0.3	0.03	2.8	<0.1	<0.05	2	2.8	<0.2
EF2150	Soil	15	0.39	187	0.043	<1	0.84	0.004	0.10	0.2	0.02	2.2	<0.1	<0.05	2	2.1	0.4
EF2200	Soil	17	0.35	691	0.046	<1	0.69	0.004	0.12	0.2	0.03	2.8	<0.1	<0.05	2	1.6	<0.2
EF2250	Soil	29	0.32	606	0.023	1	0.96	0.004	0.14	0.8	0.09	2.2	0.2	<0.05	2	7.4	0.9
EF2300	Soil	19	0.31	137	0.042	<1	0.85	0.005	0.13	0.3	0.04	1.4	<0.1	0.06	4	2.4	0.3
EF2350	Soil	14	0.14	149	0.056	<1	0.71	0.010	0.04	0.2	0.02	0.9	<0.1	<0.05	4	1.0	<0.2
EF2400	Soil	29	0.38	291	0.059	<1	1.15	0.006	0.13	0.4	0.03	2.1	0.2	<0.05	4	1.5	0.3
EF2450	Soil	13	0.17	111	0.059	<1	0.45	0.003	0.06	0.6	0.02	1.0	<0.1	0.06	3	3.4	0.3

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Project: Expo 2011
Report Date: September 16, 2011

CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EF2500	Soil	5.9	64.5	24.3	262	0.9	51.0	7.5	135	1.37	24.4	6.1	0.7	34	1.4	3.1	0.9	49	0.47	0.146	15
EG0000	Soil	5.1	102.1	23.6	161	0.5	57.9	10.0	268	2.39	34.3	6.2	2.4	38	0.6	3.2	0.9	65	0.41	0.203	24
EG0050	Soil	3.0	60.4	15.4	64	0.2	32.5	5.2	270	1.63	9.0	2.8	0.6	34	0.3	0.6	1.0	52	0.34	0.204	11
EG0100	Soil	4.2	38.6	21.2	56	0.7	20.8	3.5	244	1.32	8.8	<0.5	0.2	13	0.2	0.6	1.0	48	0.07	0.074	10
EG0150	Soil	7.4	116.3	20.0	120	0.4	74.3	12.0	281	3.48	17.6	7.2	5.0	40	0.5	1.2	1.5	90	0.34	0.191	19
EG0200	Soil	8.3	110.4	27.3	129	0.8	56.1	9.8	256	3.59	15.5	7.2	1.7	21	0.5	1.5	0.9	70	0.09	0.120	29
EG0250	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.
EG0300	Soil	14.4	200.7	27.4	435	1.4	175.0	9.8	216	2.64	32.6	6.8	0.9	45	2.3	1.8	0.9	146	0.55	0.326	34
EG0350	Soil	53.9	220.6	18.3	913	1.1	331.8	93.7	1165	4.67	15.6	8.5	7.1	34	3.4	0.7	1.7	170	0.28	0.178	37
EG0400	Soil	17.6	219.8	39.7	431	1.1	167.2	21.1	536	3.07	26.9	5.7	4.5	63	2.3	5.0	0.8	102	0.53	0.309	31
EG0450	Soil	10.3	109.0	14.3	183	0.9	79.5	5.6	119	2.12	36.5	4.6	<0.1	28	0.6	4.1	0.9	79	0.23	0.221	19
EG0500	Soil	12.8	259.3	19.4	313	1.9	295.6	19.3	390	4.27	133.7	6.2	1.2	73	0.9	14.9	0.5	104	0.94	0.535	37
EG0550	Soil	13.9	218.0	13.4	178	0.5	141.3	10.2	214	2.68	25.5	8.0	1.0	38	0.5	4.0	0.8	96	0.54	0.313	26
EG0600	Soil	9.8	181.6	25.9	273	0.7	199.0	31.0	775	5.41	13.4	2.7	2.6	64	1.0	1.8	1.5	129	0.83	0.332	33
EG0650	Soil	21.2	95.8	16.6	182	1.3	70.5	10.7	258	3.66	16.9	7.7	3.6	80	1.3	1.8	0.9	107	0.35	0.215	17
EG0700	Soil	31.6	131.5	25.2	264	1.3	107.7	10.7	298	3.65	37.1	5.7	1.5	48	0.7	3.6	1.4	156	0.36	0.346	30
EG0750	Soil	26.3	229.0	30.8	497	1.5	229.2	26.7	658	3.72	50.6	9.5	0.6	49	1.7	3.2	0.8	156	0.43	0.319	28
EG0800	Soil	14.9	200.8	31.8	493	0.6	227.9	33.2	812	4.62	23.5	4.5	3.7	71	1.5	4.3	2.3	126	0.84	0.485	35
EG0850	Soil	8.7	243.7	17.7	517	0.9	440.3	71.0	1427	7.43	16.2	7.8	3.6	74	4.8	1.6	1.1	149	0.79	0.298	39
EG0900	Soil	10.6	401.3	46.7	453	1.2	277.7	34.7	1333	5.94	47.2	0.9	1.0	52	2.9	25.0	1.8	78	0.44	0.383	35
EG0950	Soil	27.6	176.1	24.2	587	0.7	184.9	22.9	461	3.45	76.8	3.2	0.4	39	2.4	6.0	1.0	230	0.33	0.264	32

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CERTIFICATE OF ANALYSIS WHI11001040.2

Method		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EF2500	Soil	20	0.28	336	0.016	<1	0.82	0.005	0.09	0.8	0.04	1.3	0.1	<0.05	2	2.4	0.5
EG0000	Soil	27	0.43	716	0.027	<1	1.20	0.005	0.12	1.8	0.04	1.7	0.2	0.07	3	1.7	0.3
EG0050	Soil	28	0.34	513	0.040	1	0.79	0.004	0.15	0.3	0.04	1.2	0.2	0.14	3	1.0	<0.2
EG0100	Soil	20	0.12	590	0.073	<1	0.67	0.005	0.11	0.2	0.06	1.0	0.3	0.16	5	1.5	0.4
EG0150	Soil	51	0.75	2224	0.097	<1	1.51	0.004	0.23	0.3	0.04	2.7	0.3	0.09	4	3.0	<0.2
EG0200	Soil	45	0.46	642	0.064	1	1.28	0.005	0.15	0.2	0.05	2.9	0.4	0.08	5	2.6	0.2
EG0250	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.
EG0300	Soil	32	0.23	486	0.013	<1	0.78	0.005	0.07	0.5	0.05	2.0	<0.1	0.07	2	3.0	0.3
EG0350	Soil	50	1.39	914	0.154	<1	1.57	0.008	0.06	<0.1	0.05	4.7	0.2	0.10	3	14.9	0.6
EG0400	Soil	28	0.32	523	0.025	<1	0.70	0.004	0.07	0.3	0.08	3.3	0.1	0.05	2	9.1	0.4
EG0450	Soil	34	0.21	561	0.004	1	0.58	0.005	0.09	0.3	0.05	0.4	0.2	0.12	3	4.1	0.5
EG0500	Soil	40	0.20	589	0.010	1	0.74	0.005	0.06	0.6	0.11	3.0	0.2	0.05	2	10.2	0.4
EG0550	Soil	42	0.57	511	0.020	1	0.87	0.004	0.08	6.3	0.02	1.7	0.2	0.10	3	4.1	0.3
EG0600	Soil	119	2.70	676	0.096	<1	2.58	0.003	0.20	0.2	0.04	4.1	0.5	<0.05	9	3.3	0.3
EG0650	Soil	44	0.30	358	0.247	<1	0.62	0.009	0.06	0.2	0.02	1.9	0.1	0.10	3	12.0	0.4
EG0700	Soil	41	0.46	533	0.054	<1	0.88	0.029	0.10	0.3	0.06	1.3	0.2	0.27	4	10.7	0.4
EG0750	Soil	75	0.51	576	0.006	1	1.03	0.004	0.13	0.3	0.05	0.9	0.3	0.13	4	7.7	0.4
EG0800	Soil	128	1.82	644	0.053	<1	1.92	0.004	0.17	0.2	0.03	4.1	0.5	0.07	6	4.7	1.1
EG0850	Soil	476	5.04	1124	0.112	2	3.97	0.003	0.29	0.1	0.03	8.2	0.9	<0.05	13	4.2	0.3
EG0900	Soil	33	0.15	886	0.005	1	0.54	0.004	0.07	0.4	0.04	3.6	0.3	0.06	2	9.3	1.1
EG0950	Soil	66	0.38	390	0.019	1	0.78	0.011	0.07	0.3	0.06	1.2	0.2	0.09	3	8.9	0.4

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Project: Expo 2011
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11001040.2

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																					
EA0500	Soil	18.0	95.9	32.9	83	0.4	23.6	14.5	775	2.99	8.6	3.4	17.3	18	0.3	0.5	0.3	40	0.18	0.064	31
REP EA0500	QC	17.9	93.5	33.9	83	0.4	23.2	14.7	759	3.00	8.8	1.8	16.9	20	0.4	0.5	0.3	38	0.19	0.067	32
EA1050	Soil	46.4	401.8	18.0	573	1.7	580.6	19.8	187	3.29	87.7	10.0	2.0	129	1.5	2.7	1.0	493	1.27	0.760	35
REP EA1050	QC	44.4	400.9	17.9	556	1.7	577.0	19.0	186	3.16	84.3	11.9	1.7	127	1.2	2.8	0.9	470	1.24	0.774	34
EB0000	Soil	28.0	228.4	90.5	929	3.6	261.4	21.7	815	4.16	362.8	4.7	2.8	137	8.0	69.9	1.4	211	1.01	0.468	30
REP EB0000	QC	28.3	224.5	91.5	916	3.7	257.2	20.6	828	4.16	355.6	11.8	2.9	139	8.7	74.3	1.4	216	1.03	0.457	33
EB0950	Soil	8.1	160.6	17.7	303	1.2	133.8	16.5	236	3.13	24.3	9.1	1.4	54	2.1	1.3	0.5	53	0.45	0.302	25
REP EB0950	QC	8.5	163.5	17.9	309	1.2	134.5	16.2	239	3.14	24.8	9.2	1.1	54	2.1	1.1	0.5	55	0.46	0.292	25
EB1100	Soil	13.8	262.1	13.2	604	1.8	356.8	32.4	585	3.62	24.1	8.1	1.9	65	2.0	7.3	0.7	80	0.48	0.336	25
REP EB1100	QC	13.7	263.3	13.1	628	1.8	329.0	33.3	567	3.68	23.7	8.7	1.8	58	2.0	7.8	0.7	71	0.47	0.321	25
EB2250	Soil	24.6	99.3	23.3	435	0.4	28.5	10.1	178	5.08	21.2	2.6	6.2	16	1.6	4.6	1.8	93	0.43	0.279	7
REP EB2250	QC	24.1	89.7	23.4	384	0.4	27.6	10.0	173	4.94	21.2	2.4	5.8	15	1.6	4.7	1.8	83	0.45	0.290	7
EC0950	Soil	15.2	156.6	38.1	332	0.5	176.9	12.8	471	2.49	39.2	1.0	0.4	42	0.9	1.7	1.1	143	0.34	0.283	27
REP EC0950	QC	16.5	160.6	38.1	339	0.5	179.7	12.8	485	2.55	39.7	1.7	0.4	45	0.6	1.7	1.1	148	0.35	0.283	28
EC1950	Soil	10.3	38.9	19.5	456	0.1	56.7	10.6	285	1.62	14.3	1.9	4.2	27	4.5	1.8	0.3	33	0.33	0.055	14
REP EC1950	QC	10.0	39.7	20.6	462	0.1	54.4	10.6	288	1.66	14.6	2.6	4.5	30	5.3	1.7	0.3	34	0.35	0.055	14
EC2300	Soil	0.5	3.5	1.8	9	0.3	1.8	0.5	13	0.25	<0.5	1.3	<0.1	5	0.4	<0.1	<0.1	8	0.03	0.022	<1
REP EC2300	QC	0.5	3.6	1.9	7	0.3	2.2	0.6	14	0.25	0.7	0.9	<0.1	5	0.5	<0.1	<0.1	9	0.02	0.020	<1
ED1150	Soil	4.9	159.3	15.0	209	1.0	118.0	23.8	563	3.22	20.3	5.0	4.2	34	1.1	1.6	1.8	68	0.29	0.194	22
REP ED1150	QC	5.0	161.5	15.3	217	1.0	118.5	24.4	578	3.40	20.6	5.5	4.5	33	1.1	1.4	1.8	71	0.31	0.203	22
ED2400	Soil	11.4	104.8	29.6	764	0.7	132.0	14.5	457	2.81	63.0	4.4	1.9	25	8.0	7.6	1.0	69	0.31	0.121	16
REP ED2400	QC	11.1	110.4	29.0	752	0.7	134.9	13.9	444	2.84	62.2	5.1	1.7	25	7.6	7.4	1.0	66	0.31	0.119	16
EE0300	Soil	6.1	129.6	19.3	87	0.3	37.1	11.0	441	1.93	9.1	3.5	7.5	18	0.5	0.9	0.3	37	0.22	0.118	25
REP EE0300	QC	6.2	132.5	19.7	90	0.3	36.9	11.0	441	1.95	9.2	2.6	7.7	19	0.6	0.9	0.3	37	0.22	0.115	26
EE1200	Soil	4.7	131.1	21.7	219	0.9	120.1	12.4	391	3.39	27.3	4.0	0.3	23	0.5	1.7	0.6	48	0.13	0.211	20
REP EE1200	QC	4.8	136.7	22.1	233	0.9	124.5	13.0	394	3.55	28.4	3.6	0.2	23	0.5	2.0	0.6	47	0.12	0.220	21
EE2300	Soil	9.1	56.0	42.2	220	1.3	41.0	12.0	607	4.55	42.2	4.7	2.9	20	1.0	3.3	0.9	52	0.20	0.148	11
REP EE2300	QC	9.2	54.4	40.9	223	1.3	41.1	12.1	622	4.61	41.9	4.8	2.8	19	1.0	3.2	0.9	51	0.20	0.141	11

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Project: Expo 2011
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11001040.2

	Method	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
	Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
EA0500	Soil	18	0.52	142	0.031	<1	1.33	0.007	0.12	0.4	0.05	3.7	0.1	<0.05	4	0.7	<0.2
REP EA0500	QC	18	0.52	154	0.039	<1	1.41	0.008	0.16	0.5	0.07	3.7	0.2	<0.05	4	2.1	<0.2
EA1050	Soil	87	0.09	1489	0.005	2	0.81	0.004	0.20	1.1	0.04	1.6	0.2	<0.05	3	10.9	0.6
REP EA1050	QC	82	0.09	1398	0.006	2	0.79	0.003	0.19	1.3	0.03	1.8	0.2	<0.05	3	12.0	0.7
EB0000	Soil	46	0.22	1090	0.013	2	0.90	0.004	0.11	0.6	0.59	4.8	0.2	0.05	3	6.9	0.4
REP EB0000	QC	48	0.22	1151	0.017	3	0.90	0.005	0.12	0.8	0.61	5.7	0.1	0.07	3	5.7	0.6
EB0950	Soil	30	0.21	291	0.013	1	0.67	0.004	0.09	0.2	0.02	1.2	0.2	0.07	2	4.0	0.3
REP EB0950	QC	31	0.21	289	0.013	1	0.66	0.004	0.10	0.2	0.03	1.3	0.1	0.08	2	4.8	0.2
EB1100	Soil	64	0.22	508	0.005	<1	0.69	0.003	0.07	0.3	0.06	2.4	0.3	<0.05	3	7.1	0.4
REP EB1100	QC	55	0.20	451	0.007	2	0.66	0.003	0.07	0.4	0.05	2.6	0.3	<0.05	3	7.0	0.4
EB2250	Soil	23	0.44	228	0.173	<1	0.37	0.002	0.04	0.2	0.01	1.8	<0.1	<0.05	2	11.1	0.5
REP EB2250	QC	22	0.44	201	0.211	<1	0.36	0.002	0.04	0.3	0.01	1.7	<0.1	0.06	2	11.3	0.5
EC0950	Soil	43	0.13	477	0.013	2	0.69	0.004	0.09	0.3	0.03	0.7	0.3	<0.05	4	5.7	0.4
REP EC0950	QC	45	0.14	492	0.013	<1	0.69	0.005	0.09	0.4	0.03	0.7	0.3	<0.05	4	6.3	0.4
EC1950	Soil	13	0.46	154	0.033	<1	0.69	0.005	0.08	0.3	0.02	1.8	<0.1	<0.05	2	1.1	<0.2
REP EC1950	QC	14	0.47	157	0.040	<1	0.73	0.006	0.09	0.3	0.03	1.9	<0.1	<0.05	2	1.1	<0.2
EC2300	Soil	2	0.01	21	0.009	<1	0.23	0.021	0.02	<0.1	0.02	<0.1	<0.1	0.05	<1	0.6	<0.2
REP EC2300	QC	2	0.01	21	0.009	2	0.23	0.020	0.02	<0.1	0.02	<0.1	<0.1	<0.05	<1	0.7	<0.2
ED1150	Soil	32	0.58	299	0.024	<1	1.04	0.004	0.05	0.3	0.03	2.9	0.3	<0.05	4	3.3	0.6
REP ED1150	QC	33	0.59	291	0.023	1	1.06	0.004	0.05	0.3	0.03	3.2	0.3	<0.05	4	2.8	0.8
ED2400	Soil	26	0.36	311	0.045	<1	0.87	0.006	0.10	0.7	0.02	2.0	0.1	<0.05	3	4.0	0.2
REP ED2400	QC	24	0.36	303	0.043	<1	0.89	0.007	0.09	0.5	0.04	2.2	0.1	<0.05	3	3.3	0.5
EE0300	Soil	22	0.37	146	0.043	<1	1.04	0.005	0.09	0.4	0.03	1.9	0.1	<0.05	3	1.4	<0.2
REP EE0300	QC	22	0.37	153	0.043	1	1.07	0.005	0.09	0.3	0.03	2.1	0.1	<0.05	3	0.6	<0.2
EE1200	Soil	28	0.23	240	0.003	<1	0.83	0.004	0.07	0.2	0.02	0.3	0.3	<0.05	4	3.3	0.2
REP EE1200	QC	29	0.23	225	0.004	<1	0.82	0.004	0.07	0.3	0.03	0.3	0.3	<0.05	4	3.5	0.3
EE2300	Soil	31	0.34	235	0.031	<1	1.59	0.006	0.10	0.4	0.07	1.6	0.2	<0.05	4	3.4	0.3
REP EE2300	QC	30	0.34	227	0.029	<1	1.56	0.005	0.10	0.3	0.06	1.6	0.2	<0.05	3	3.3	0.3

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Project: Expo 2011
Report Date: September 16, 2011

QUALITY CONTROL REPORT WHI11001040.2

		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
EF0300	Soil	4.7	103.6	13.3	100	0.3	51.0	9.3	269	1.74	7.4	5.2	0.6	16	0.4	1.4	0.3	39	0.15	0.081	15
REP EF0300	QC	4.6	101.8	13.2	99	0.3	50.8	9.4	270	1.76	7.8	1.6	0.7	16	0.4	1.4	0.3	40	0.15	0.081	15
EF1600	Soil	11.8	108.2	15.4	445	1.0	130.2	18.5	448	3.36	42.3	4.1	4.4	38	1.8	4.9	1.4	133	0.48	0.374	22
REP EF1600	QC	11.8	109.5	15.4	452	1.0	130.5	18.2	449	3.42	42.8	2.6	4.8	37	1.8	5.0	1.5	136	0.49	0.377	22
EF2050	Soil	2.2	55.0	16.5	78	0.3	19.5	12.1	298	1.38	5.8	3.1	5.3	23	0.6	0.5	0.3	26	0.34	0.080	14
REP EF2050	QC	2.2	60.6	17.7	86	0.4	21.9	12.7	324	1.48	6.5	3.9	5.9	25	0.8	0.4	0.3	26	0.37	0.092	15
EG0650	Soil	21.2	95.8	16.6	182	1.3	70.5	10.7	258	3.66	16.9	7.7	3.6	80	1.3	1.8	0.9	107	0.35	0.215	17
REP EG0650	QC	22.4	95.6	16.1	185	1.3	71.3	11.0	256	3.59	17.2	7.3	3.7	82	1.4	2.0	0.9	111	0.36	0.230	17
Reference Materials																					
STD DS8	Standard	11.9	104.7	117.0	313	1.8	36.4	6.8	582	2.33	25.0	111.5	5.9	57	2.4	4.4	6.1	40	0.64	0.073	13
STD DS8	Standard	14.8	123.9	138.6	317	1.9	41.9	8.6	631	2.54	24.1	128.9	8.1	70	2.3	5.5	7.1	47	0.71	0.077	16
STD DS8	Standard	13.8	101.0	117.8	312	1.8	39.4	7.0	610	2.53	22.6	109.2	6.3	66	2.1	4.8	6.0	40	0.72	0.074	14
STD DS8	Standard	12.9	110.1	128.7	309	1.7	38.6	7.8	617	2.49	25.0	116.4	6.2	60	2.2	4.5	6.2	42	0.71	0.076	15
STD DS8	Standard	13.4	110.4	126.7	340	1.8	39.9	7.1	641	2.45	22.1	131.7	6.6	64	2.0	4.8	5.9	41	0.72	0.074	13
STD DS8	Standard	13.2	109.2	123.5	297	1.8	37.0	7.5	590	2.41	24.1	109.2	7.2	65	2.3	5.0	6.7	42	0.71	0.076	15
STD DS8	Standard	14.5	116.1	135.3	328	1.9	40.2	7.6	634	2.51	25.8	113.6	7.1	70	2.3	5.3	6.7	44	0.72	0.080	16
STD DS8	Standard	13.2	113.8	127.5	320	1.8	38.8	7.7	628	2.55	25.3	112.1	6.9	68	2.4	5.3	6.5	44	0.70	0.081	16
STD DS8	Standard	12.8	113.9	123.7	307	1.8	39.4	7.6	610	2.47	24.6	108.7	6.6	65	2.1	5.2	6.3	42	0.68	0.077	16
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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QUALITY CONTROL REPORT WHI11001040.2

		1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30	1DX30
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
EF0300	Soil	23	0.40	130	0.020	<1	0.92	0.009	0.07	0.2	0.03	0.7	0.1	0.06	3	0.9	<0.2
REP EF0300	QC	23	0.39	137	0.020	<1	0.91	0.009	0.07	0.1	0.02	0.7	0.1	<0.05	3	1.0	<0.2
EF1600	Soil	39	0.52	340	0.050	1	1.09	0.005	0.08	0.3	<0.01	3.0	0.1	<0.05	3	5.4	0.3
REP EF1600	QC	40	0.53	349	0.052	2	1.09	0.006	0.09	0.3	<0.01	3.2	0.1	<0.05	3	5.7	0.4
EF2050	Soil	16	0.41	95	0.049	<1	0.77	0.004	0.09	0.2	0.02	2.1	<0.1	<0.05	2	1.1	<0.2
REP EF2050	QC	17	0.44	101	0.052	<1	0.86	0.004	0.09	0.2	0.02	2.4	<0.1	<0.05	2	0.7	<0.2
EG0650	Soil	44	0.30	358	0.247	<1	0.62	0.009	0.06	0.2	0.02	1.9	0.1	0.10	3	12.0	0.4
REP EG0650	QC	45	0.32	368	0.263	1	0.66	0.009	0.06	0.2	0.02	2.0	0.2	0.14	3	12.5	0.3
Reference Materials																	
STD DS8	Standard	107	0.56	264	0.103	3	0.84	0.080	0.39	2.7	0.18	2.2	5.1	0.19	5	4.0	4.9
STD DS8	Standard	130	0.68	259	0.133	4	0.95	0.081	0.41	3.0	0.22	2.2	5.5	0.22	5	6.4	5.3
STD DS8	Standard	119	0.63	281	0.110	2	0.95	0.082	0.41	3.1	0.22	1.7	5.6	0.18	5	5.4	5.1
STD DS8	Standard	118	0.60	267	0.122	3	0.90	0.089	0.43	3.0	0.19	2.5	5.4	0.17	5	5.2	4.7
STD DS8	Standard	124	0.66	261	0.118	2	0.95	0.083	0.42	3.0	0.21	1.7	5.6	0.21	5	5.3	5.0
STD DS8	Standard	116	0.60	265	0.121	2	0.90	0.081	0.39	2.9	0.17	2.1	5.3	0.16	5	5.3	5.3
STD DS8	Standard	121	0.65	274	0.122	2	0.95	0.091	0.42	2.9	0.21	2.3	5.7	0.16	5	5.0	5.7
STD DS8	Standard	120	0.62	272	0.122	2	0.91	0.086	0.41	3.0	0.21	2.0	5.4	0.15	5	5.5	5.3
STD DS8	Standard	117	0.62	272	0.120	3	0.91	0.080	0.39	2.8	0.17	2.1	5.2	0.13	5	5.1	4.7
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2