Prospecting, Soil Geochemistry, Airborne Magnetic and Radiometric Surveying, on the Bridget Project, White Gold District

Yukon Territory, Canada

Bridget 1-8 (YC35402-409)

Bridget 9-40 (YC84292-323)

Bridget 41-90 (YD130301-350)

U 1-2, 31-90 (YC36744-805)

U 3-4, 11-14, 21-24 (YC35883-84, 94-99, 900-904)

U 5-10, 15-20, 25-30 (YC35885-89, 94-99, 905-910)

U 91-118 (YD48131-158)

W 1-28 (YD48159-86)

Pedlar 1-728 (YD138501-9228)

Pedlar 729-994 (YE20501-0766)

Cripple 1-291 (YD135901-6191)

Cripple 292-957 (YE18032-18500)

Cripple 761-957 (YD139229-400, YD46957-981)

Hayes 1317-1322 (YE23917-922)

NTS MAP-SHEET 115J/15&16

62°56'11"N 138°31'50"W

E625334 / N6980894 NAD83, Zone 7N

DAWSON MINING DISTRICT

Work completed: June 1, 2011 to October 9, 2011

Submitted by: Peter Tallman P. Geo. COO, Ethos Gold Corp

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1 Introduction

The 2011 exploration program on the Bridget property was conducted to test the potential for bulk tonnage gold mineralization. Parts of the Bridget property was identified and staked as an area of exploration interest by prospector Shawn Ryan prior to and following the discovery of gold at the White Gold prospect by Underworld Resources Ltd. ("Underworld"). Mr. Ryan had previously staked and performed preliminary exploration at the Bridget porphyry target where he identified anomalous soil geochemistry. On March 2nd, 2011 Ethos Capital Corp. ("Ethos") announced the acquisition of an option to purchase the Bridget property ("Bridget") from Shawn Ryan/Wildwood Exploration Inc. in consideration of certain cash commitments, shares and reservation of a 2% net smelter return royalty ("NSR").

1.1 Scope of Work

This report describes the previous exploration history, geology and mineral potential of the Bridget property, including work performed by Ethos Gold Corp during the period June 1, 2011 to October 9, 2011. A review of historical industry work and other information within the immediate and surrounding region is included. Regional geology, associated data and current exploration information have been reviewed to determine the geological setting and potential for mineralization.

The author worked on or supervised work on the property during the period June 1st to December 30th 2011. This report presents information based on a review of pertinent literature, results from geochemical surveys and historical findings, as well as conclusions and recommendations for future explorative work.

1.2 Work Program

The objective of 2011 exploration on the Bridget property, including all contiguous Ethos claims north of the Yukon River, was to detect a gold target with a significant gold-in-soil and geophysics response to warrant further work. A secondary objective was to evaluate the Bridget porphyry area originally identified by reconnaissance copper exploration in the early 1970's. The 2011 exploration on the Bridget property included collection and analysis of 9,457 soil samples, pit trenching, 296 prospecting and rock samples, 4,812 line kilometers of airborne magnetic and radiometric surveying, and ~150 airphotos to create 45 orthophotos of the Bridget property. A total of 385 man-days work was completed up to September 30, 2011 plus work by contractors. Minor amounts of work and man days were conducted during demobilization from October 1 to October 8, and AECOM billed in December for work also completed in early October. Ethos established a 'base camp' in Dawson at the Bonanza Gold Motel for the summer where between 5 and 10 personnel were rotated. Ethos contracted Heli-Dynamics of Whitehorse YT which provided a Bell 206 Long Ranger or a Bell 407 (or both) based at the "Druid" helipad in Dawson YT during 2011. Property access was provided via daily helicopter flight from Dawson to the targeted areas within each property. The airborne magnetics and radiometric survey was based in Kaminak Gold Corporation "Coffee" camp and used a Northern Air Support Long Ranger helicopter. The soil survey was contracted to Ground Truth Exploration of Dawson, YT who employed a series of locally mobile field camps on the Bridget property and were supported by TransNorth A-Star helicopter from the Thistle airstrip. The airphoto survey was based in Dawson and used a Piper Cherokee fixed-wing airplane to complete the photography.

1.3 Terms, Definitions & Units

The following terms and abbreviations are used within this report:

- Distances are reported in meters (m), kilometres (km) and feet (ft).
- Costs are reported in Canadian dollars (CAN$).
- Locational information is reported in both Latitude-Longitude and UTM grid (Easting, Northing) NAD83, Zone 7N.
- Geochemical data is reported in parts per million (ppm) the equivalent to grams per tonne (g/t) and ounces per tonne (oz/t), as well as parts per billion (ppb).
- QAQC refers to quality assurance and quality control.
- Geological ages include: Ka (thousand) and Ma (million) years ago.
- Elemental abbreviations include: antimony (Sb), arsenic (As), bismuth (Bi), copper (Cu), gold (Au), iron (Fe) and silver (Ag).
- Mineralogical abbreviations include: pyrite (Pyr) and pyrrhotite (Po) [iron sulphides], limonite (Lim) [hydrated iron oxide], magnetite (Mag) [iron oxide], chalcopyrite (Cpy) [copper sulphide] and molybdenite (Mo) [molybdenum sulphide].
- MINFILE showing refers to documented mineral occurrences compiled by the Yukon Geological Survey.
- Directional units include: north (N), east (E), south (S), west (W) and may be used in combination (*i.e.*, NNE for north-northeast).

1.4 Source Documents

The following sources of information were used in writing this technical report and include private company data and information available on the public domain:

- Review of published and scientific papers on geology on the region and on mineral deposit types
- Review of geological maps and reports completed by the Yukon Geological Survey and the Geological Survey of Canada
- Research on the Yukon Geological Survey's MINFILE database (http://servlet.gov.yk.ca/ygsmin/index.do) and Map Viewer (http://maps.gov.yk.ca/imf.jsp?site=YGS)
- Review of previously written assessment and YMIP reports at the Energy, Mines & Resources Library (http://www.emr.gov.yk.ca/library/)
- Review of publically available data, including news releases, on Ethos Gold Corp. (www.ethosgold.com/s/home.asp)
- Work directed and performed by the author on the Bridget Claims during June through early October, 2011.

1.5 Geotechnical Information

Ethos uses NAD83 Zone 7 coordinates for geographic positioning system ("GPS"). Coordinates are expressed in NAD83 Zone 7 unless specified otherwise. Ethos employees and consultants are provided with Garmin "GPSMap 62s" model GPS devices, which can automatically record continuous route tracks as well as set waypoint information. The Garmin GPS devices are assumed accurate to within 5 meters horizontally and within 10 meters on elevation. Cameras were synchronized with clocks on individuals GPS units so that photographs could be geo-tagged using Garmin Basemap software. Tracks were continuously recorded daily for mapping and prospecting surveys, waypoints entered with notes where

features of interest were encountered, and photographs tagged to individual waypoint and sample locations.

1.6 Limitations, Restrictions and Assumptions

The author has assumed that the previous and documented work on the property is valid and has not encountered any information to discredit such work.

1.7 Reliance on Other Experts

The author has relied in part upon work and reports completed by others in previous years and in the preparation of this technical report. The authors' opinion contained herein is based on information obtained to date, which in turn reflect various technical and economic conditions; given the nature of the mining industry, these conditions can change rapidly over relatively short periods of time. Furthermore, thorough checks to confirm results of such reports and work has not been completed and unless otherwise stated the author has not independently confirmed the accuracy of the data. To the authors knowledge there are no known litigations potentially affecting the Bridget project. Title documents and option agreements were reviewed for this study, this report does not constitute, nor is it intended to represent a legal opinion as to the validity of the title. The project is an early stage exploration property and therefore, the company has created limited surface disturbances.

1.8 Qualified Person and Participating Personnel

Mr. Peter Tallman, P.Geo., Chief Operating Officer (COO) of Ethos Gold Corporation (Vancouver, British Columbia) examined the property, geology and mineral potential to make recommendations for the next phase of exploration work in order. Mr. Tallman directed and worked on the property during the period June through October, 2011.

2 Property Location & Description

2.1 Location & Land Tenure

The ~43,060-hectare property is located in west-central Yukon in the White Gold district and is in an early exploration phase. The Bridget project (NTS map sheet 115J/15 & 16), centered at a latitude of 62°56'11"N and a longitude of 138°31'50"W lies approximately 130 km southeast of Dawson City which is 536 km north of Whitehorse via a paved highway. The claim block includes the Bridget 1-90, Cripple 1-957, Pedlar 1-994, U 1-118 and W 1-28 claims (refer to Table 1. Bridget Property Claim Summary). The project falls within the Dawson Mining District. The boundaries of the property have not been legally surveyed. Refer to Appendix I: Mineral Tenure of the Bridget for a detailed statement of claims.

Table 1. Bridget Property Claim Summary

Claim Group Name	Claim No. (from)	Claim No. (to)	Grant No. (from)	Grant No. (to)	NTS	Expiry Date*	Total No.
Bridget	1	8	YC35402	YC35409	115J/15	11/10/2017	8
Bridget	9	40	YC84292	YC84323	115J/15	10/16/2017	32
Bridget	41	90	YD130301	YD130350	115J/15,16	12/21/2016	50

Cripple	1	291	YD135901	YD136191	115J/15,16	02/16/2017	291
Cripple	292	760	YE18032	YE18500	115J/16	03/21/2017	469
Cripple	761	957	YD139229	YD46981	115J/16	03/21/2017 & 03/13/17	197
Pedlar	1	728	YD138501	YD139228	115J/15	02/16/2017 & 02/02/17	728
Pedlar	729	994	YE20501	YE20766	115J/15	04/27/2017	266
U	1	2	YC36744	YC36745	115J/15	12/09/2016	2
U	3	30	YC35883	YC35910	115J/15	04/13/2017	28
U	31	90	YC36746	YC36797	115J/15,16	12/13/2016 & 12/09/16	60
U	91	118	YD48131	YD48158	115J/15	04/26/2017	28
W	1	28	YD48159	YD48186	115J/16	04/26/2017	28
Hayes	1317	1322	YE23917	YE23922	115J/16	06/27/2017	6
*Based upon acceptance of this report						Total Claims-	2193
						Approximate Total Area-	43,060 ha

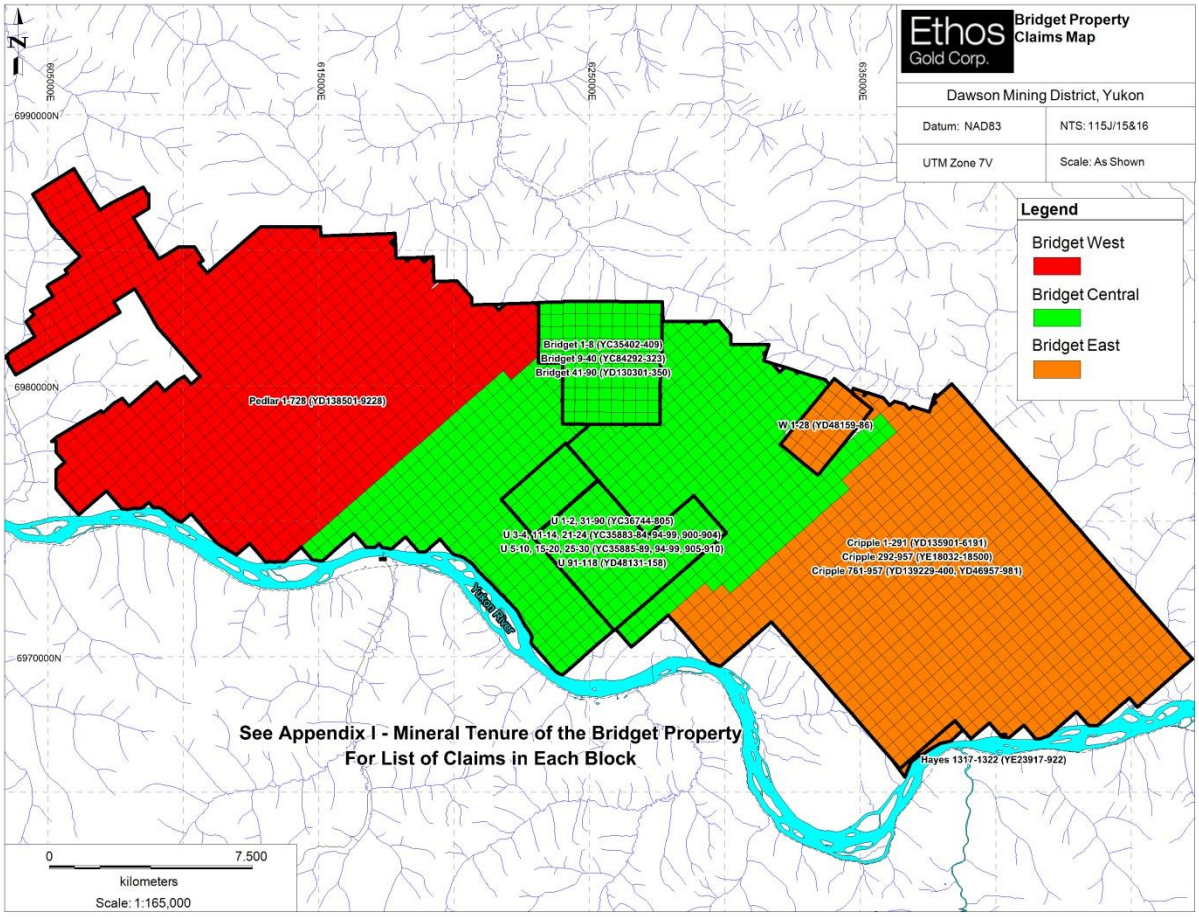


Figure 1. Bridget Property Claims Map

2.2 Underlying Agreements

The Bridget Property, consisting of the Bridget East, Bridget Central, and Bridget West grouped claim blocks claims were optioned from Shawn Ryan (70%) and Wildwood Explorations Inc. (30%) (the "vendors") by agreement dated March 2, 2011.

The Bridget property claims are located within the Traditional Territory of the Selkirk First Nation with overlap in the northwestern claim region with Tr'ondëk Hwëch'in (TH) First Nation. The closest First Nation surveyed land (SFN R-20A) lies approximately 7 km northeast of the property with additional small parcels along the Yukon River, 7-10 km to the west. The claims are situated on Crown Land and therefore the mineral claims fall under the jurisdiction of the Yukon Government. Surface rights would have to be obtained from the government should the property go into development.

According to the Yukon Quartz Mining Act, a mineral claim holder must perform $100 assessment work per claim, per year and document this work to maintain the title, or otherwise pay $100 in lieu per claim, per year to maintain title to the claims.

Early exploration activities do not require permitting, however significant drilling, trenching, blasting, line cutting and excavating may require a Mining Lands Use Permit (MLUP) that must be approved under the Yukon Environmental Socioeconomic Assessment Act (YESAA). To the author's knowledge, the property does not cover any environmental liabilities.

3 Accessibility, Local Resources, Infrastructure, Physiography & Climate

3.1 Access, Local Resources & Infrastructure

The project is centered at latitude of 62°54'31"N and longitude of 138°30'54"W (E626247, N6987841 NAD 83, Zone 7N). The claims are accessible via helicopter from Dawson City (130 km), which is 536 km north from Whitehorse via a paved highway. The property is also accessible by fixed wing to the Thistle Airstrip (E6995390, N586256 NAD 83, Zone 7N) or Scroggie Airstrip from Dawson, Carmacks, Minto or Whitehorse, followed by a ~15 km helicopter flight to the claims. Several charter aircraft companies provide services with a variety of aircraft types.

Dawson City, home of the historic 1896-1899 Klondike Gold Rush has approximately 1300 residents and draws nearly 60,000 visitors each year. Main industries in Dawson City are tourism and placer mining. Heavy equipment repair and rental, a lumber mill, freighting and trucking companies and a mining oriented labour force is available for contract exploration and mining work. An airport with air service to Whitehorse and Fairbanks, Alaska and two helicopter company bases are present providing transportation. Facilities include a health center, grocery stores, a police station, service stations (tire repair and propane sales), welding and machine shops, accommodation and restaurants. The nearest hydroelectric power source to the Bridget property is the Minto Mine, which lies approximately 75 km to the southeast, however the Yukon River is a potential barrier.



Figure 2. Bridget Property Location Map

3.2 Physiography & Climate

The Bridget property covers low rolling hills within the Dawson Range on the unglaciated Yukon Plateau. Elevations range from 1300' (396 m) around the Yukon River to 5158' (1572 m) in the southeastern corner on Selwyn Dome. Vegetation is typical boreal forest (white spruce, birch, poplar and black spruce) with sparse vegetation above elevations of 3500' (1067 m) dominated by buckbrush and sparse tree cover. The climate is characterized by continental subarctic conditions with average temperatures ranging from 15.6°C (60°F) in July to -26.7°C (-16°F) in January. The area has a northern interior climate with moderate precipitation (200 mm of rain and 160 mm of snow). Permafrost is common, especially on the north- and west-facing slopes. Rock exposure is poor, existing along creeks, small cliffs and ridge tops and along some slopes as talus.

The Bridget project is drained by the southerly flowing tributaries of the Yukon River, including Pedlar Creek and northerly flowing tributaries of Cripple Creek, and Scroggie Creek, a northerly flowing tributary of the Stewart River, and its upper tributaries (Pautler, 2011). Exploration in the region typically begins in late May and ends in late September.

4 Property History

The Bridget project region covers the Scroggie and Mariposa Creeks which are both major placer-producing streams. Pedlar and Cripple Creeks have also had intermittent gold production since the 1960s. The property covers the Scroggie, Baja and Onasick MINFILE occurrences (115J 072, 073 and 093). The Scroggie and Baja occurrences were staked to cover copper-moly-gold porphyry showings and the Onasick occurrence covers a uranium anomaly.

Modern exploration in the claim region began in 2005 and continued in 2008 with prospecting, a 32-line kilometer ground magnetometer survey and geochemical sampling. A total of 1,455 historical soil samples were collected on the property by Shawn Ryan. Soil sample analyses from the 2008 detailed soil grid indicate a geochemically anomalous area greater than 750 m in length with copper >200 to 711 ppm coincident with anomalous bismuth (≤ 155 ppm) and molybdenum (≤ 322 ppm) associated with a strong magnetic anomaly; similar to the mineralized regions at Minto (Capstone Mining Corp.) and Lucky Joe (Redtail Metals Corp.). In 2007, Underworld Resources outlined the Golden Saddle deposit (now Kinross Gold Corporation). Since the Underworld discovery of gold at Golden Saddle prospect, a modern-day gold rush has ensued in the region.

The property history summarized in Table 2, is based upon information from the YGS's MINFILEs for 115J 072, 073 & and 093 (Scroggie, Baja and Onasick); Deklerk (compiler), 2011), 'Mineral Industry Reports', various 'Yukon Exploration and Geology' and assessment reports.

Table 2. Bridget Property – Work History

1969	The Baja occurrence (now the Cripple claims) was originally staked as Baja 1-24 claims (*Y37454*) by Dawson Range Mines Ltd. following the discovery of the Casino copper-porphyry deposit to the south. Baja was optioned to Selco Exploration Company Ltd., which conducted reconnaissance soil sampling.
1970	The Scroggie occurrence (now the Bridget claims) was originally staked as the C claims (*Y57495* & *Y57601*) by Dawson Syndicate (Silver Standard Mined Ltd. &

	Asarco Exploration Company of Canada Ltd.)
1971-72	C-claims explored by grid soil sampling, mapping, hand trenching and an EM survey by Dawson Syndicate. Explorative work outlined a molybdenum and lesser copper soil anomaly, traces of chalcopyrite, molybdenite, pyrite and magnetite and weak skarn alteration (McMichael, 1973).
1977-80	The Onasick occurrence (now the U claims) was originally staked as the 3-2-Many 1-16 claims (*YA10228*) in a JV by Eldorado Nuclear Ltd. & Canadian Occidental Minerals Ltd., which carried out mapping, geochemical sampling, ground and airborne radiometric surveys. The JV added the NEF 1-34, 35-90 & 91-97 claims (*YA29660*, *YA32010* & *YA32762*) in 1978-79 and carried out geochemical and ground magnetic surveys. Results reported ≤535 ppm uranium from soil and clay-altered, brecciated rock chips from soil pits (Riley, 1978 and Osson, 1979 & 1980). N. Burmeister tied onto the block with the MK (*Y29723*), Sue (*YA29761*), Bri (*YA29769*) & SB (*YA29777*) claims in 1978 and performed a radiometric survey in 1979 and hand trenched in 1980.
1978-80	The Scroggie occurrence was restaked as SC (*YA29624*) & Bridget (*YA29793*) by N. Burmeister for Somex Ventures Ltd. In 1979 the Bridget 3-10 & 11-16 claims (*YA32590 & YA32598*) were added over the expired SC claims and optioned to Amax of Canada Ltd. who performed geological mapping (70 rock samples), geochemical sampling (160 soils & 52 stream-sediment samples), hand trenching and IP surveys in 1980. A 300 X 600 m coincident copper-moly soil anomaly open to the south, a broad IP and a separate magnetic anomaly were outlined with minor tungsten.
2004-05	The Scroggie occurrence was restaked as Bridget 1-8 (*YC35402*) by S. Ryan who prospected the claims and carried out a regional soil-sampling program.
2005-07	The Onasick occurrence was restaked as the U claims (*YC36744-883*) in 2005, carried out a small soil-sampling program in 2006 and subsequently optioned the claims to KRL International whom carried out a property-wide reconnaissance soil sampling program in 2006. A 100 X 500 m-long uranium-in-soil anomaly (<408 ppm) was delineated (Ryan, 2006). In 2007, KRL flew a helicopter magnetic and radiometric survey over the claim block.
2008	Ryan staked Bridget 9-40 (*YC84292*) to add to the Scroggie block and carried out a detailed magnetometer (38 line-km) and soil-sampling (595 samples) program over the central claims which outlined a 750 m-ling soil anomaly (200-711 ppm copper ± molybdenite, bismuth and ≤62 ppb Au.



Photo-plate 1. View of Bridget Porphyry Showing (from west) [Ethos 2011 photo].

5 Geological Setting

5.1 Regional Geology

The project is located on the 1:250,000-scale 115J (Stevenson Ridge) map-sheet, which was completed in 1974 by Templeman-Kluit (Geology, Snag, Yukon (NTS 115J/K), GSC Preliminary Map 16-1973). In 2005, Gordey and Ryan re-compiled map sheets 115N, 115) and part of 115J (GSC Open File 4970).

The property is located in the Yukon-Tanana terrane (*herein* YTT), which underlies much of central and western Yukon. Its history and tectonic evolution, particularly prior to mid-Mesozoic time, has been largely obscured by younger magmatism and tectonism. The YTT is primarily a product of episodic continental arc magmatism forming a sequence of accreted pericratonic terranes that form a large portion of the Omineca Belt. The terrane underlies part of the Tintina gold belt and hosts gold deposits related to Mesozoic intrusions, including the Sonora Gulch gold deposit and the Casino copper-gold-molybdenum porphyry located southeast of the Coffee project (Bennett *et al*., 2010). The widespread YTT is defined by metamorphosed and deformed sedimentary and volcanic rocks (schists and gneisses) that were accreted along foliation-parallel thrust faults and later deformed in the late Paleozoic, creating multiple penetrative rock fabrics. The TTY was intruded by a number of Mesozoic suites including the Late Cretaceous Dawson Range intrusions (felsic stocks and related rhyolite dykes). The

rocks were later tectonically staked along foliation-parallel trust faults during the Early Jurassic (Mortensen, 1996) and subsequent regional extension occurred between the middle Cretaceous and Eocene, accompanied by fault-controlled mafic and felsic magmatism (Gabrielse and Yorath, 1991).

The Bridget claims cover a portion of the unglaciated Yukon Plateau, however, the southeast corner of the block was glaciated during the Pre-Reid glaciation (*ca*. 3 Ma) along the Yukon River valley. The YTT in the area of interest is wedged between the northwest-striking Tintina fault to the northeast and the Denali fault to the southwest. The YTT in the region is largely Devonian to Mississipian Nasina Asseblage and Pelly Gneiss Suite metasediments which were intruded in the Jurassic by Aishihik Suite and later in the Tertiary by the Nisling Range Suite (see Table 3. Regional Geological Units).

Table 3. Regional Geological Units (Gordey, S.P. and Makepeace, A.J. (*compilers*), 2003).

Unit	*Age*	*Rock Type*
Nisling Range Suite (ETqN)	Early Tertiary (58-54 Ma) – Cretaceous?	Leucocratic, biotite granite; miarolitic alaskite; saccharoidal textured, mafic-poor biotite granite; biotite-hornblende granite to leucocratic granodiorite with sparse, white, alkali feldspar phenocrysts; biotite quartz monzonite (Nisling Range Suite, Nisling Range Alaskite, Coffee Creek Granite, Annie Ned Granite).
Aishihik Suite (EJgA)	Early Jurassic (192-185 Ma)	Medium- to coarse-grained, foliated biotite-hornblende granodiorite; biotite-rich screen and gneiss schlieren; foliated hornblende diorite to monzodiorite with local k-spar megacrysts.
Pelly Gneiss Suite (DMgPW; southwest)	Late Devonian and Mississippian (360-340 Ma)	Foliated medium grained, homogeneous biotite granite gneiss to biotite or hornblende granodiorite gneiss; massive to strongly foliated dioritic to granodioritic gneiss; includes interfoliated amphibolite, quartz-mica schist and phyllite.
Nasina Assemblage (DMN_3)	Devonian and Mississippian (410-323 Ma)	Quartzite, micaceous quartzite, quartz muscovite (+/- chlorite; +/- feldspar augen) schist, and minor metaconglomerate and metagrit as in (DMN_1), but may locally include significant Nisling Assemblage.

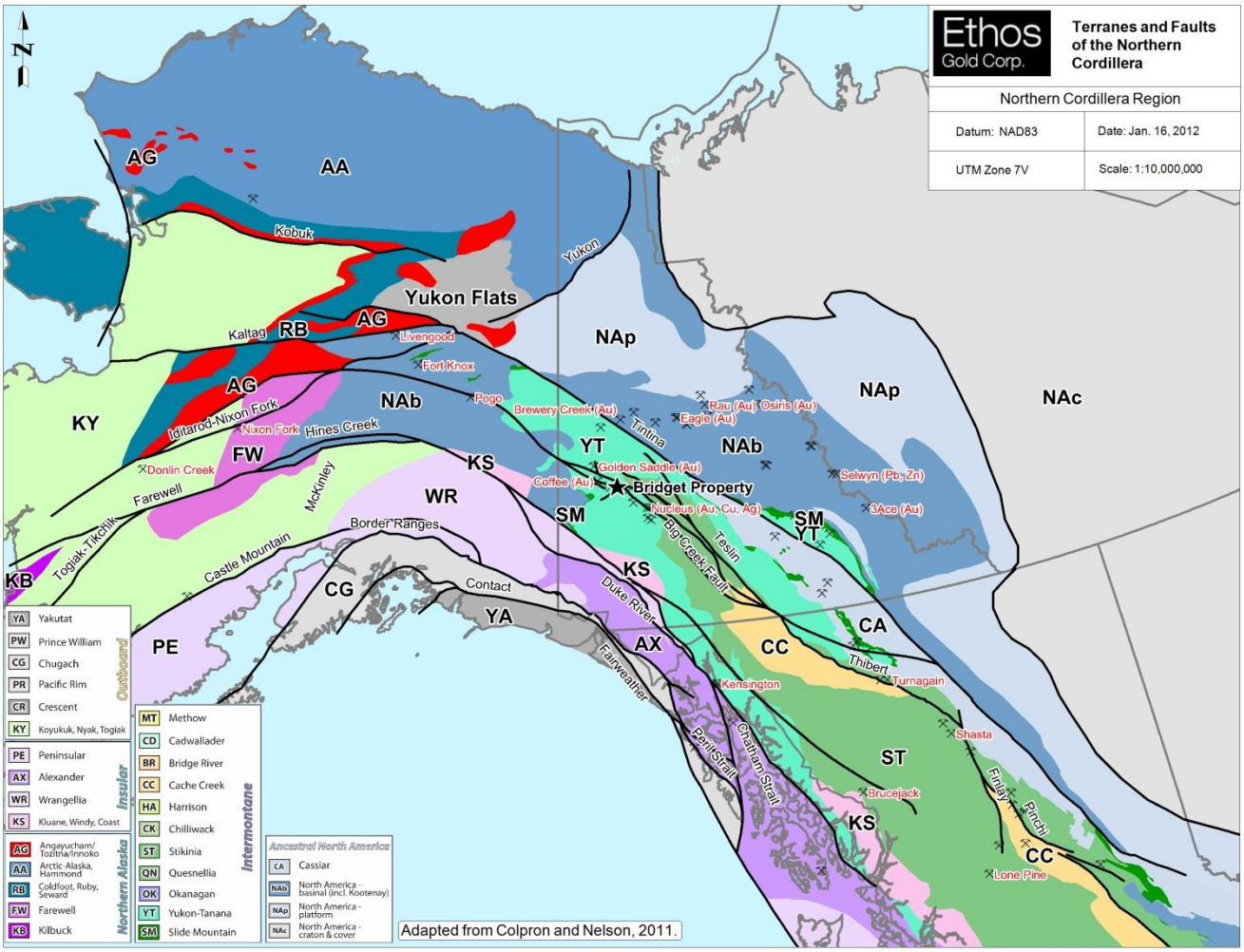


Figure 3: Regional geology

5.2 Property Geology

Basement rocks exposed on the property are primarily Late Devonian to Mississippian Pelly Gneiss Suite orthogneiss (360-340 Ma; DMgPW) and in the northern end of the claim block, Devonian to Mississippian-aged metasiliciclastic Nasina Assemblage (410-323 Ma, DMN_3). These units are interpreted to represent a siliciclastic basement with an older Devonian to Mississippian arc consisting of amphibolite and associated subvolcanic intrusions built on top (to the northeast). During the Early Jurassic, these units were intruded by large felsic stocks of the Aishihik Suite (192-185 Ma, EJgA). Later in the Early Tertiary, smaller felsic stocks and related dykes of the Nisling Range Suite (58-54 Ma, ETqN) intruded the aforementioned units. Within the Nasina Assemblage metasiliciclastics mapped on the property, a marble band with minor skarn alteration was located in the northern claim area (Booth *et al.*, 1980).

The Pelly Gneiss Suite orthogneiss that predominates on the property lies on trend to similar lithologies that underlie the White Gold property which includes the White Gold deposit of Kinross Gold Corporation. The orthogneiss is intruded by Nisling Range microporphyritic rhyolite to coarse-grained

quartz feldspar porphyry (Booth *et al.*, 1980). This stock was mapped as Tertiary but is now considered to be Cretaceous and synchronous with the Coffee Creek granite (see Templeman-Kluit, 1974 and Olsson, 1980). Pautler (2011) noted an aphanitic quartz eye porphyry of alaskite composition to the east of Selwyn Dome and observed similarities with the Late Cretaceous Prospector Mountain Suite which is intimately associated with mineralization in the southeastern portion of the Dawson Range copper-gold belt (from Freegold Mountain to Casino).

Northwest trending faults predominate on the map sheet, locally with more northerly trends and fewer (or more poorly documented) northeast trends (Pautler, 2011). These faults are evident by aerial lineaments and aeromagnetic lows. Pautler (2011) extended the Big Creek fault along the Yukon River and beyond along a major lineament and interpreted a northwest trending fault (a possible splay of the Big Creek fault) through the western project area (between White Gold and the Steward River, then along the Yukon River). A strong northwest-trending aerial and magnetic lineament, noted by Burmeister (1980a), traverses the southern Pedlar and U claims and may represent a major splay of the Big Creek fault (Pautler, 2011).

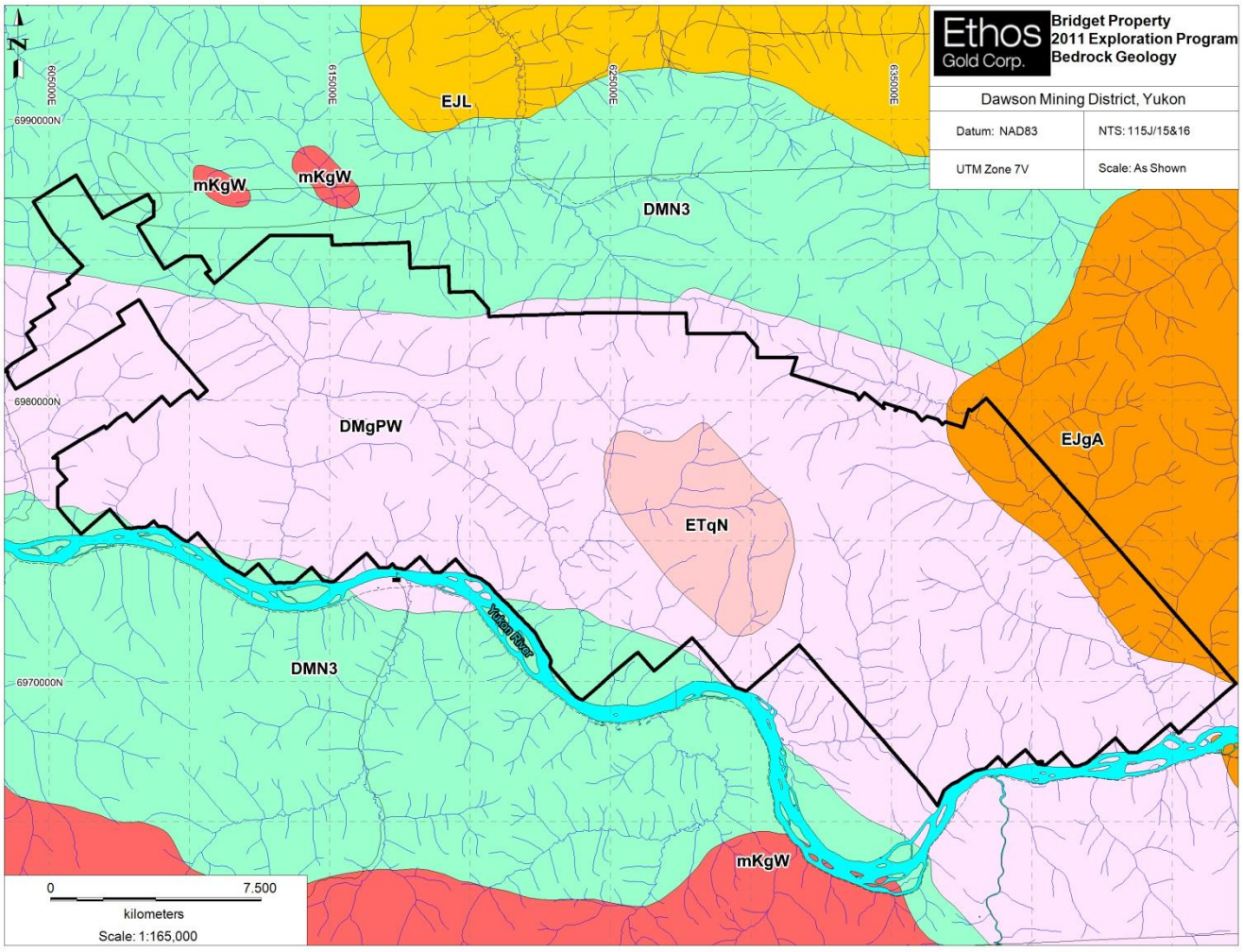


Figure 4. Bridget Property Bedrock Geology Map

6 Deposit Types & Mineralization

6.1 Deposit Type

The Bridget claims cover a portion of the Tintina Gold Belt, a 200 km-wide by 1,200 km-long arcuate metallogenic province that extends from British Columbia, through Yukon, to Alaska. The province is underlain by rocks of the YTT and is characterized numerous gold deposits including: Pogo and Fort Knox, True North, Donlin Creek, Shotgun (Alaska), and the White Gold (Yukon). The Pogo property has proven and probable reserves of 3.6 million ounces gold and measured and indicated resources of 1.7 million ounces gold. Donlin Creek has proven and probable reserves of 29.3 million ounces of gold and measured and indicated resources of 6 million ounces gold. Kinross Gold Corporations' White Gold deposit (the Golden Saddle discovery) is located thirty-five kilometers to the northeast. The White Gold deposit contains an indicated resource of 9,797.000 tonnes grading 3.2 g/t gold (1,005,000 ounces), potentially mineable by open pit methods using a cutoff of 0.5 g/t Au for the open pit and 2.0 g/t Au for underground (Weiershauser *et al.*, 2010). The deposit has additional inferred resources of 9,391,000 tonnes grading 1.91 g/t gold (578,000 ounces) (Weiershauser *et al.*, 2010).

Mineralization on the White Gold property, at the 'Golden Saddle' discovery is hosted within the Devono-Mississippian aged YTT rocks including metamorphosed intrusive rocks (felsic orthogneiss), as well as felsic and mafic metavolcanic rocks. Gold mineralization is associated with quartz veins, stockwork and breccia zones, as well as pyrite veinlets and disseminations, and includes cubic pyrite and visible gold (Pautler, 2011). Mineralization at Golden Saddle is largely structurally-controlled and models for mineralization include epithermal and intrusion related gold. Epithermal textures are evident within the veins and porphyry style alteration is suggestive of a younger intrusion at depth (Pautler, 2011). Extensive carbonate-sericite-potassic feldspar-silica alteration surrounds mineralized zones. The property has multiple mineralized zones, some of which are associated with Permian intrusive rocks, others are hosted by Nasina Assemblage (DMN_3) and part of the Golden Saddle is hosted by an ultramafic horizon.

More specifically, the Bridget project occurs within the 250 km-long northwest trending Dawson Range copper-gold belt which is characterized by YTT basement rocks intruded by voluminous Jurassic to Cretaceous intrusions (primarily the mid-Cretaceous Dawson Range batholith). Mineralization is associated with mid- to late Cretaceous intrusions, hosted by the intrusions and/or the older metamorphosed basement complex of the YTT and the northwest trending Big Creek fault (Pautler, 2011). The Dawson Range batholith lies ~6 km south of the project and is represented by primarily the Casino granodiorite phase. The Dawson Range copper-gold belt includes the Nucleus gold deposit of Northern Freegold Resources Ltd., with a NI 43-101 resources of 35.8 Mt of ore at a grade of 0.87 g/t Au using a 0.40 g/t cut-off grade for a total of 1.04 million ounces of gold (Cambell et al., 2009); Sonora Gulch of Northern Tiger Resources Ltd., where drill intersections include 1.0 g/t Au over 64 m, 5.0 g/t Au, 11.9 g/t Ag and 0.23% Cu over 26.6 m and 7.6 g/t Au and 155.5 g/t Ag over 6.0 m in three separate zones; the Casino porphyry copper-gold-molybdenum deposit of Western Copper Corporation with a NI 43-101 compliant proven and probably reserve of 914 million tonnes of mill ore grading 0.237 g/t Au, 0.212% Cu and 0.0235% Mo, and 78 million tonnes grading 0.427 g/t Au, 0.062% Cu of heap leach ore; the Coffee project of Kaminak Gold Corporation and the White Gold deposit (Pautler, 2011).

The Bridget property is considered prospective for near-surface, bulk tonnage intrusion-related to epithermal, structurally-controlled gold mineralization similar to that recently discovered at Coffee and the White Gold deposit and within the Tintina Gold Belt (Table 4). Furthermore, the project is

prospective for copper-gold mineralization similar in style to the Minto Mine of Capstone Mining Corporation and Casino Deposit of Western Copper Corporation.

Table 4: Gold deposits in the Tintina Gold Belt (Kinross 2012, Kaminak 2012, Donlin Gold 2012, Sumitomo Metal Mining 2012)

Deposit	Owner	Proven & Probable reserves	Measured & indicated	Host & Deposit Type
Pogo	Sumitomo Metal Mining Pogo LLC	3.6 M oz Au	1.7 M oz Au	Quartz-vein hosted in mid-Paleozoic gneiss
Donlin Creek	Donlin Gold	29.3 M oz Au	6 M oz Au	Quartz-vein and breccias hosted in felsic sill and dikes
Fort Knox	Kinross Gold Corp	4.3 M oz Au	1.4 M oz Au	Quartz, quartz-sercite, quartz pegmatite veins, stockwork, and shear zones hosted in intrusive granitic complexes.
White Gold (Golden Saddle)	Kinross Gold Corp.		1.6 M oz Au	Quartz-vein, stockwork and breccias hosted in Devonian-Mississippian felsic orthogneiss and felsic and mafic metavolcanics. Structurally controlled, epithermal and intrusion related
Coffee Project	Kaminak Gold Corp.		Drilling on going*	Quartz-vein, stockwork and breccias hosted in felsic orthogneiss, ultramafics and granites

*gold grades of 17.1 g/t over 15.5m, 1.08 g/t over 83.93 m, 6.3 g/t over 35 m, 2.21 g/t over 56.75 m and 1.92 g/t over 23 m, 2.36 g/t over 18 m, and 5.5 g/t over 11 m.

6.2 Mineralization

The Bridget project region covers the area adjacent to Scroggie and Mariposa Creeks which are both major placer-producing streams, plus the area of Pedlar and Cripple Creeks which have also seen some placer gold production since the 1960s. The property covers the Scroggie, Baja and Onasick MINFILE occurrences (115J 072, 073 and 093). The Scroggie and Baja occurrences were staked to cover copper-molybdenum-gold porphyry showings and the Onasick occurrence covers a uranium anomaly.

The most explored region on the claims is the Scroggie MINFILE showing, which occurs on the Bridget 4 claim. The showing covers a zone of minor chalcopyrite, molybdenite, pyrite and magnetite mineralization in quartz veins hosted by silicified biotite schist, exposed in trenches on the ridge crest near the northern margin of a >60 ppm molybdenum 730 X 250 m and a >100 ppm copper 900 X 360 m soil anomaly (Pautler, 2011). McMichael (1973) reported disseminated molybdenite from a 120 m-wide quartz-rich breccia as quartz vein fracture coatings and as disseminations in the host rock proximal to a northwest-trending shear zone. Pyrite, pyrrhotite and trace chalcopyrite occur as disseminations hosted by quartz-feldspar porphyry and minor epidote-rich skarn alteration was noted within a marble horizon (McMichael, 1973).

Amax Canada Ltd. performed geological mapping (70 rock samples), geochemical sampling (160 soils and 52 stream-sediment samples), hand trenching, and IP surveys in 1980 over the Scroggie area and outlined a 300 X 600 m coincident copper-molybdenum soil anomaly, coincident with a broad IP geophysical anomaly, and a separate magnetic high anomaly with anomalous tungsten geochemistry were outlined. Amax also reported 241 ppm Mo, 210 ppm Cu from rock grab samples from dynamited pit trenches. Silver Standard grab sampled float boulders from the area and reported 0.42% MoS2 and a speck of native gold was *[reportedly]* found in a quartz veinlet hosted by schist in the northeast grid areas (see Booth et al., 1980).

The Baja occurrence reportedly covers a copper-molybdenum-gold porphyry showing located within the Cripple 244 claim 7.5 km to the southeast of the Scroggie showing. However no work results were reported and the occurrence is considered 'unknown'.

The Onasick uranium anomaly is located within the Cripple 97 claim approximately 4.4 km south of Scroggie and 5.8 km to the WNW of the Baja occurrence. Work by Eldorado Nuclear Ltd and Canadian Occidental Minerals Ltd reported grab samples assaying ≤535 ppm uranium from soil and clay-altered, brecciated rock chips collected from soil pits (Riley, 1978 and Osson, 1979 & 1980). In 2006, KRL International carried out a property-wide reconnaissance soil sampling program which outlined a 100 X 500 m-long uranium-in-soil anomaly (<408 ppm; Ryan, 2006).

7 2011 Exploration Program

Ethos carried out its first exploration program on the Bridget property during the 2011 first field season. The objective of 2011 exploration on the Bridget property was to screen the property, primarily using ridge-and-spur soil sampling, to detect geochemically anomalous areas that would suggest a substantial zone of gold mineralization. The 2011 exploration on the Bridget property included collection and analysis of 9,457 soil samples, pit trenching, 296 prospecting and rock samples, 4,812 line kilometers of airborne magnetic and radiometric surveying, and ~150 airphotos to create 45 orthophotos of the Bridget property. A total of 385 man-days work was completed during the 2011 field season plus work by contractors up to September 30, 2011. Minor amounts of work and man days were conducted during demobilization from October 1 to October 8, and AECOM billed in December for work also completed in early October. Ethos established a 'base camp' in Dawson at the Bonanza Gold Motel for the summer where between 5 and 10 personnel were rotated. Ethos contracted Heli-Dynamics of Whitehorse YT which provided a Bell 206 Long Ranger or a Bell 407 (or both) based at the "Druid" helipad in Dawson YT during 2011. Property access was provided via daily helicopter flight from Dawson to the targeted areas within each property. The airborne magnetics and radiometric survey was based in Kaminak Gold Corporation "Coffee" camp and used a Northern Air Support Long Ranger helicopter. The soil survey was contracted to Ground Truth Exploration of Dawson, YT who employed a series of locally mobile field camps on the Bridget property and were supported by TransNorth A-Star helicopter from the Thistle airstrip. The airphoto survey was based in Dawson and used a Piper Cherokee fixed-wing airplane to complete the photography.

7.1 Soil Sampling

During 2011, Ethos' contracted Ground Truth Exploration Inc., of Dawson City, to complete the soil-sampling component of the exploration program. Ethos engaged Trans-North Helicopters who provided A-Stars from the Dawson, Yukon base to provide helicopter support to Ground Truth and

Ethos. Ethos also utilized Great River Air for fixed-wing aircraft logistical support to the nearby Thistle, Ballarat, and Scroggie airstrips.

Ground Truth planned each job and sample sites using ESRI ArcMap to sample over areas of exploration interest. Reconnaissance ridge and spur (also known as elevation contour) sampling was planned in advance with ESRI. The guide points were transferred to each soil sampler's GPS for use in the field and supplied with an accompanying small-scale topographic map.

During the 2011 field season a total of 9,457 ridge-and-spur soil samples were collected and submitted for analysis. The soil sample survey includes analysis of 355 field duplicates, 350 blanks, and 671 standards. Assay certificates are included in Appendix IV.

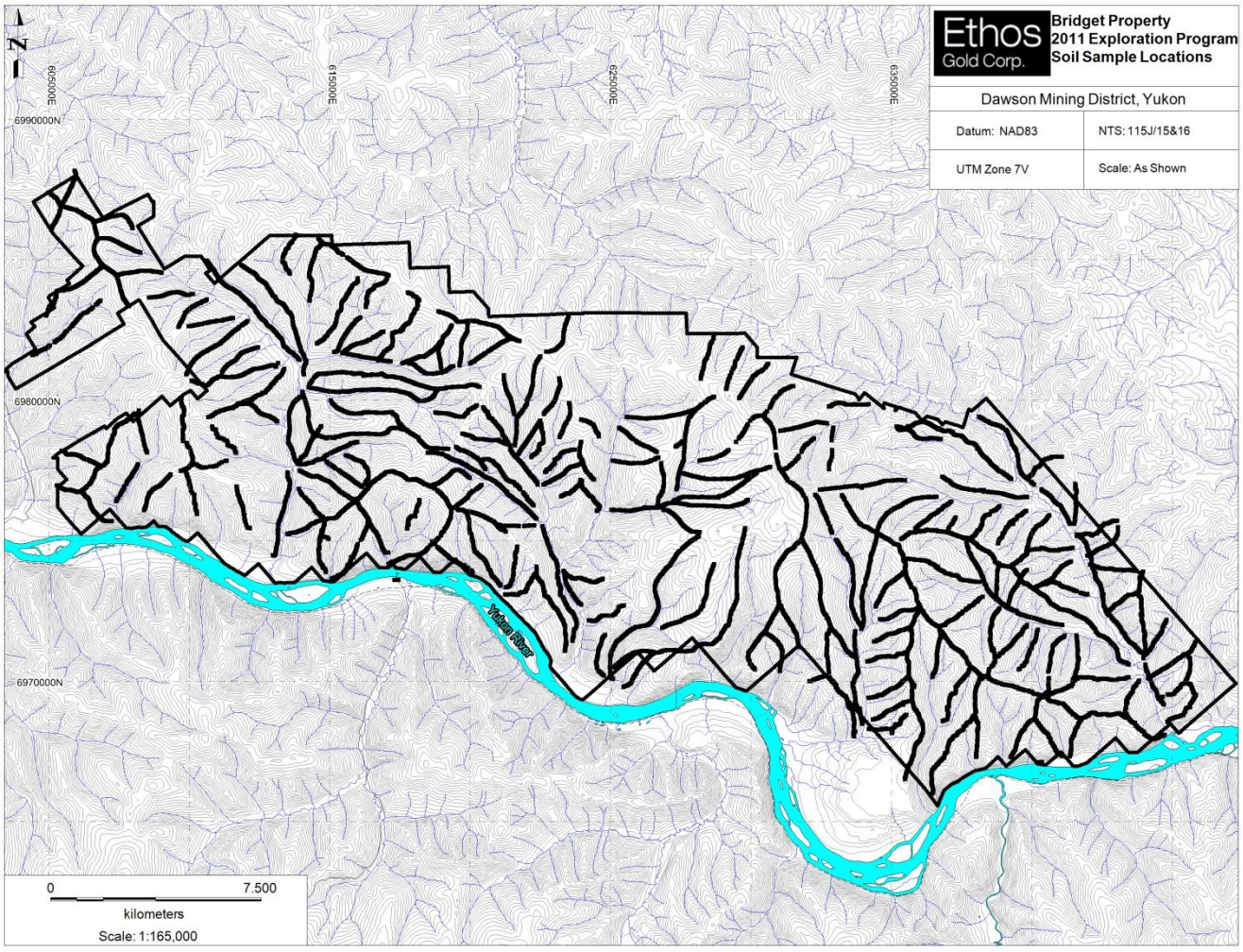


Figure 5. 2011 Soil Sample Location Map

The soil program was designed to identify gold targets that had a significant gold geochemical 'footprint' similar in size to those associated with large gold deposits elsewhere in the Tintina Gold Belt. Gold-in-soil results from the reconnaissance ridge-and-spur program were generally low, with only isolated

'spot' gold-in-soil anomalies identified. Arsenic-in-soil anomalies were also generally low, spotty, and isolated.

There is a soil response in the area of the Bridget porphyry, which has detailed grid soils covering approximately a square kilometer in area. This area has anomalous multi-element base metal geochemistry but lacks a gold-in-soil response. To have economic potential, this area needs to demonstrate the potential for a gold-bearing zone.

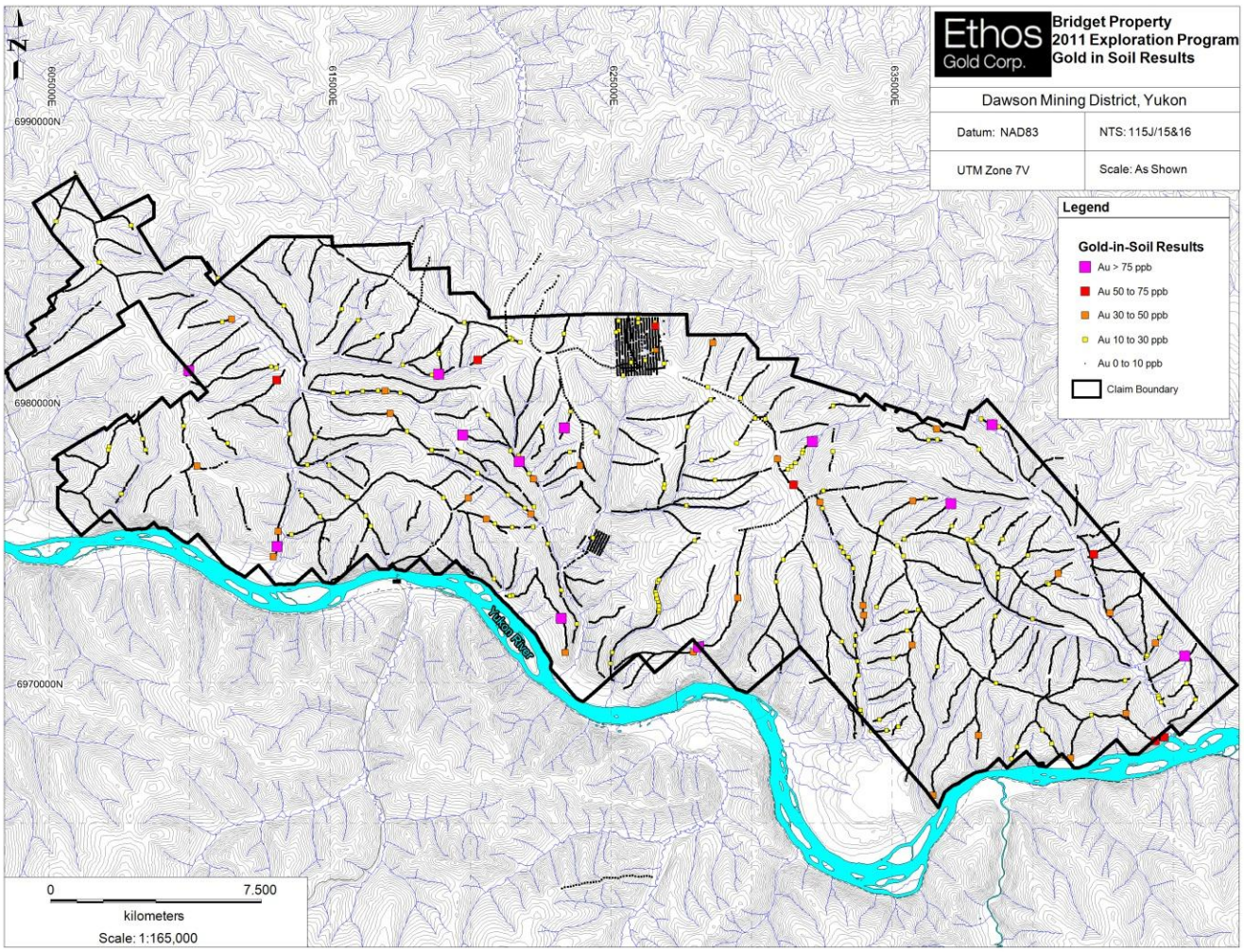


Figure 6. Gold-In-Soil Results

7.2 Prospecting

A total of 296 rock grab samples were collected on the Bridget property during the 2011 exploration program. Each sample location and description was recorded before being sent for assaying (rock sample assay certificates are in Appendix IV). Prospecting traverses were completed in the northern portion of the Bridget property in the area of the Bridget porphyry target and associated soil geochemical anomaly. Rock grab samples were collected during regional traverses across the property designed to assess prospectivity. Most of the prospecting traverses were conducted later in the

summer following receipt of soil geochemical results and were directed towards areas with gold-anomalous soil sites. No rock sample from prospecting contained an anomalous concentration of gold of >100 ppb Au. Anomalous values of tungsten were noted in the area of the Bridget porphyry (Figure 8) and sporadic samples in old blast pits (rarely) contained chalcopyrite and molybdenite in the same area. The first 60 rock samples collected from the Bridget property were lamped under UV light and several clots of scheelite were visible (white-blue fluorescence). No significant anomalous gold concentrations were identified by prospecting in the vicinity of the Bridget porphyry area.

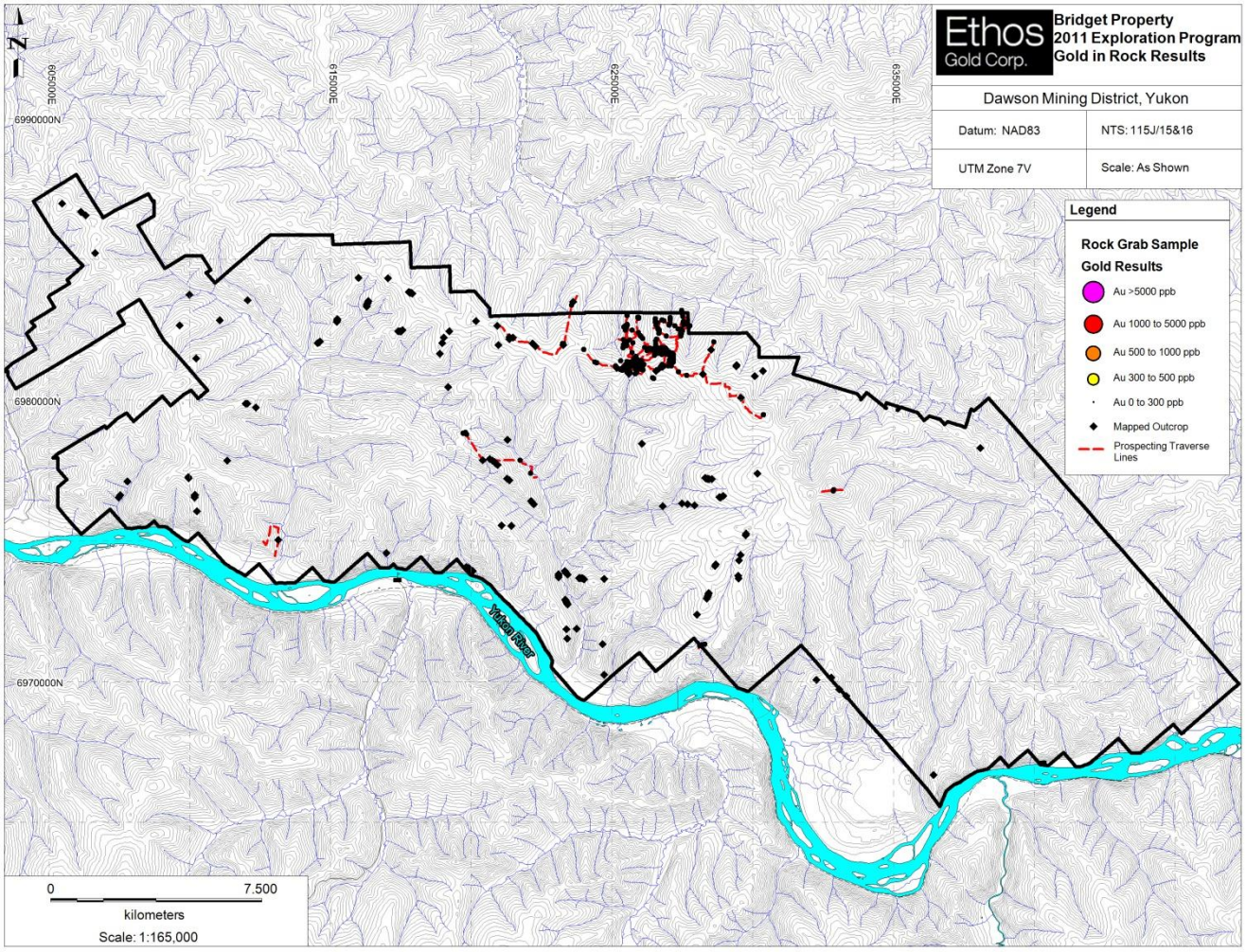


Figure 7. Prospecting Sample Location Map

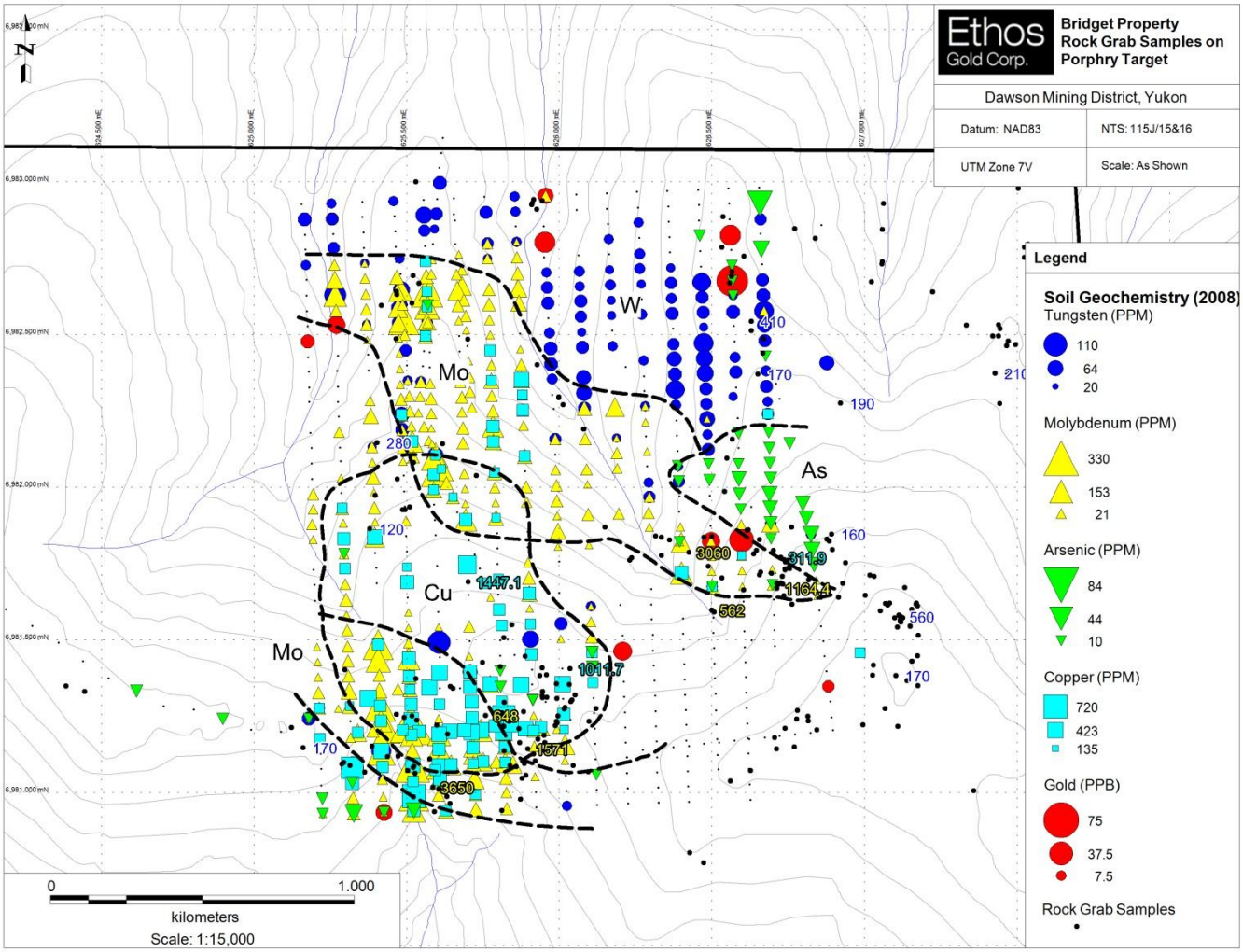


Figure 8. Bridget Porphyry Prospecting Sample Location Map plotted on anomalous soils.

7.3 Airborne Geophysics

During 2011, Ethos' employed New-Sense Geophysics Limited ("New-Sense") of Toronto, Ontario to complete 4,812 line-kilometers of helicopter magnetic and gamma-ray spectrometric (radiometric) surveying over the Bridget property as part of a larger survey covering Ethos' Betty, Hayes, Bridget, Wolf and Hen properties. Pre-survey calibration flight testing was conducted on the property on July 1 and July 2, 2011. Surveying commenced on July 8 and was completed August 12, 2011 as part of a total survey of 12,499 line kilometers.

The geophysical equipment was comprised of one high-sensitivity Cesium-3 magnetometer mounted in a fixed stinger assembly and a 1024-channel RS-500 spectrometer with four downward looking crystals (total 16 liters) and one upward looking crystal (total 4 liters) mounted in the storage compartment of the aircraft. Airborne ancillary equipment included digital recorders, fluxgate magnetometer, radar altimeter, and global positioning (GPS) receiver. The GPS receiver provided accurate real-time navigation and subsequent flight path recovery. The equipment was mounted on a Bell 206 B3 helicopter chartered from Northern Air Support based in Kelowna, British Columbia. Surface equipment included a

magnetic base station with GPS time synchronization, and a PC-based field workstation which was used to check the data quality and the completeness on a daily basis. Ethos also employed Williams Geophysics Limited (Brian Williams) of Hereford, United Kingdom to monitor the daily flight production, assess the data quality, and provide quality control during the term of the survey. The helicopter and pilot and survey engineer were based at the Coffee Camp operated by, and with permission of, Kaminak Gold Corporation. Ethos contracted JDS Energy and Mining Inc ("JDS") to install a fuel liner and containment berm sufficient for 120 drums of fuel to complete the entire survey. Ethos obtained 120 drums of Jet A fuel from Whitehorse, YT and delivered it by transport truck to the barge landing operated by JDS at Minto. Ethos contracted the JDS barge to transport the 120 drums of Jet A fuel to Kaminak's Coffee Camp and store them in the lined berm in early August prior to commencement of the survey. At the end of the contract, the fuel liner was sold to Kaminak.



Photo-Plate 2: Northern Air Support Bell 206 B3 helicopter with magnetometer mounted in a fixed stinger assembly used in survey.

The technical objective of the survey was to provide high-resolution total field magnetic (Figure 9) and radiometric maps suitable for anomaly delineation, detailed structural evaluation, and identification of lithological trends. The survey was flown at a nominal traverse line spacing of 100 meters with control line ("tie-line") spacing of 1,000 meters. The traverse lines were flown at 0 degrees or 180 degrees true north. Fully corrected magnetic and radiometric maps were prepared by New-Sense in their Toronto office after the completion of survey activities.

A full description of the survey parameters is included in Appendix VI entitled "Logistics Report for the High Resolution Helicopter Magnetic and Gamma-ray Spectrometric Airborne Geophysical Survey Flown Over Betty/Bridget/Hayes (BBH), Hen, and Wolf Blocks".

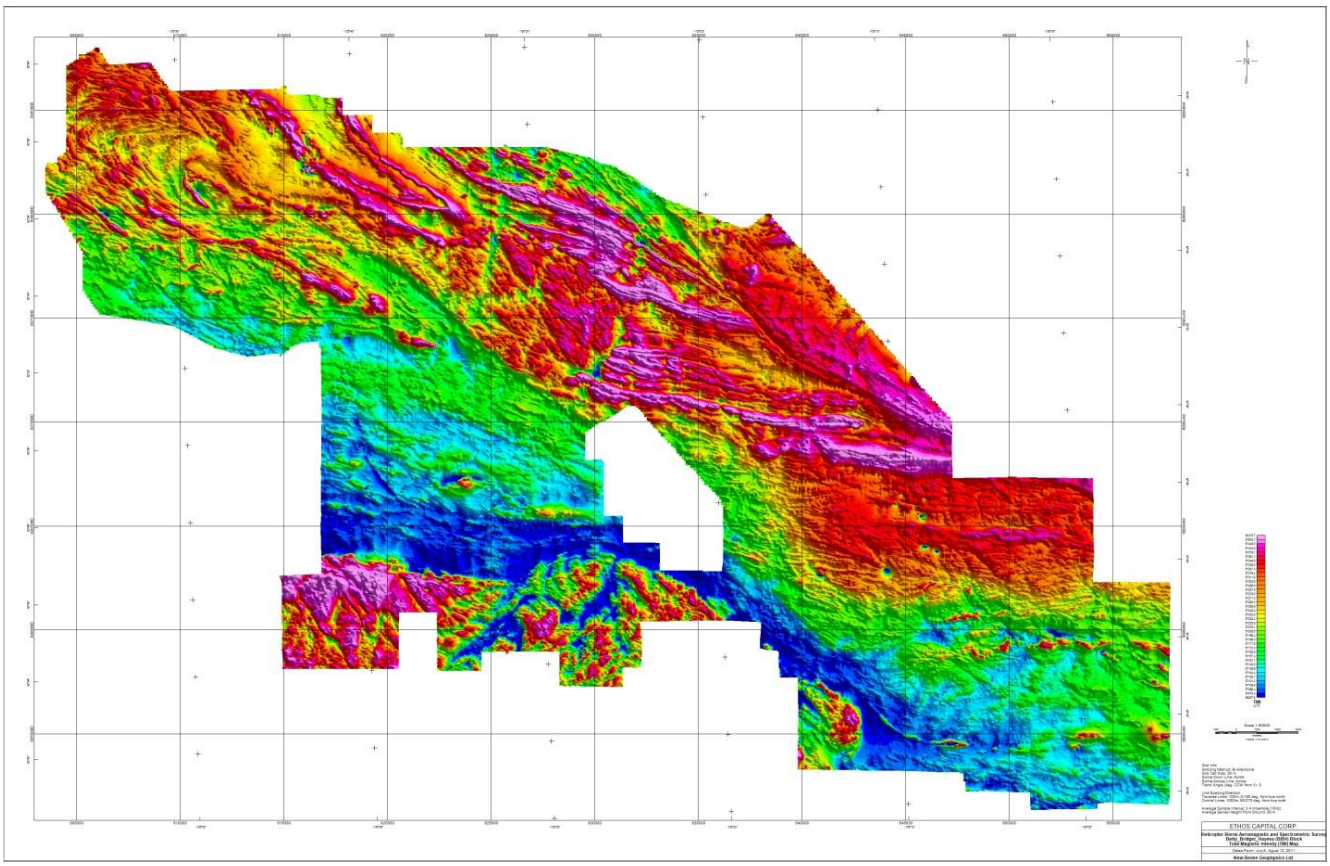


Figure 9. Total Magnetics Intensity Map

Results from the airborne total field magnetic intensity mapping (see Figure 9) shows the property is underlain generally by one folded (gneissic) terrain. The terrain shows regional isoclinal folding with none to minor transposition offset in hinges. Two interesting magnetic terrain breaks are evident; a north-south 005 azimuth break (kink?) that intersects the Bridget porphyry, and a northwest trending fault (with a more easterly trending south leg) located 20 km east of the Bridget porphyry which marks the contact with the Aishihik plutonic suite (see Figure 4 Bridget Geology Map: Unit EJgA). The fault marking the Aishihik plutonic suite has some corresponding anomalous gold-in-soil results (see Figure 10). A third magnetic break is interpreted to extend northwesterly and defines the southern boundary of the felsic stock (see Figure 4: Unit ETqN) and could continue northwesterly to define the axial plane of the prominent regional fold near the western end of the Bridget Property.

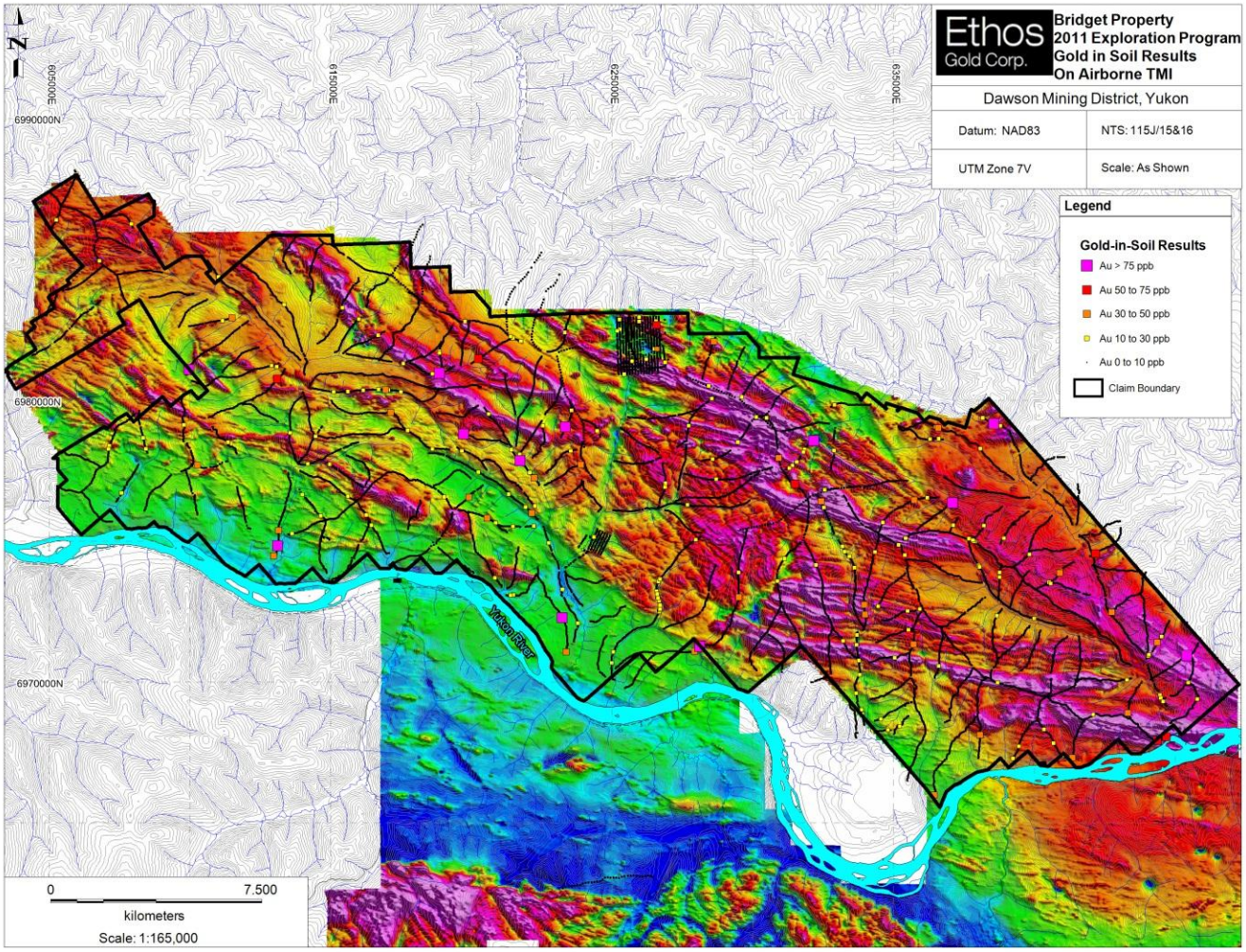


Figure 10. Gold-In-Soil Results & Total Magnetic Intensity

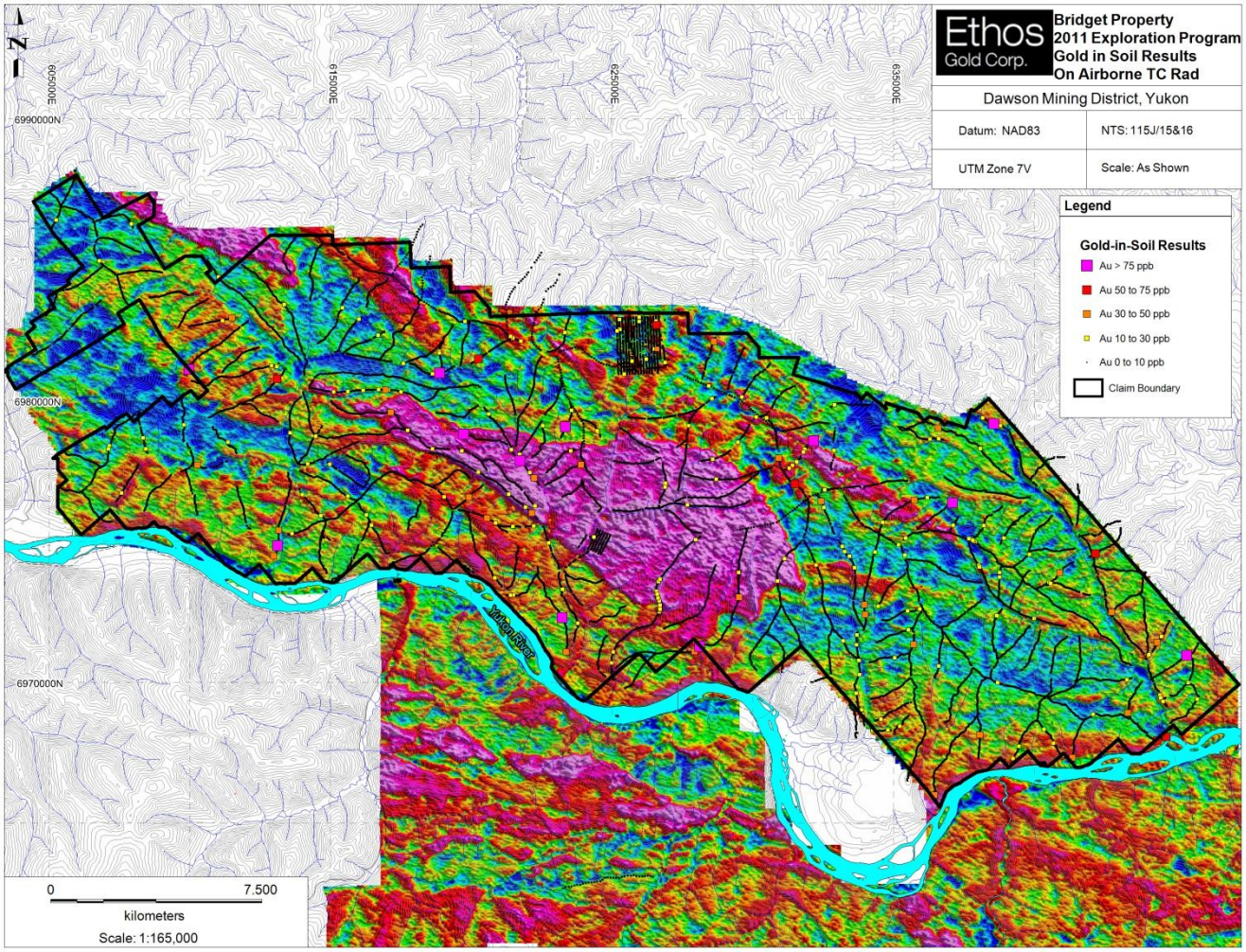


Figure 11. Gold-In-Soil Results & Total Count Radiometrics

The most prominent feature is a positive K-U-Th (all bands) radiometric anomaly in the center of the Bridget Property. The southern boundary of this feature, which corresponds to a mapped felsic intrusion (see Figure 4: Unit ETqN) is interpreted to be faulted along a northwest trend. To the northwest along trend near the western limit of the Bridget property this lineament is interpreted to map the axial plane of a regional-scale fold. There is no positive association to this feature with gold-in-soil anomalies.

7.4 Orthophotography

During 2011, Ethos' employed AECOM of Markham, Ontario to complete ~250 line-kilometers air-photo imagery over the Bridget property as part of a larger 366 line-kilometer air-photo imagery program covering Ethos' Betty, Hayes, Bridget, Wolf and Hen properties. Geographic Air Survey Ltd. (GAS) of Edmonton, Alberta performed the flight acquiring the aerial photography on behalf of AECOM on August 25th, 27th, and 30th, 2011.

GAS used a RC30 Aerial Camera with Airborne Kinematic GPS positioning and Forward Motion Compensator as well as a Trimble 1000 SSI airborne GPS system all mounted in an Aero Commander 690 A aircraft (the acquisition of the colour aerial photography adhered to the Interdepartmental Committee on Air Surveys (ICAS) Specification for Aerial Survey Photography 2000). Photographs were flown with variable sun angles of >30°, at the 1:20,000 scale (±1.0m vertical and horizontal), with 60% forward overlap and 30% side-lap suitable for stereoscopic viewing. Photograph indices were provided in a NTS 1:250,000-scale map sheet format. Flight lines were centered along the north and south perimeter boundaries of the property. A total of five flight lines were flown to collect approximately 150 airphoto images to cover all of the Bridget property area. The onboard Airborne GPS was utilized as the basis for ground control for the images as well as known survey monuments.

Ariel photograph image capture and processing was completed by AECOM who produced 45 individual orthophoto rectified images. The air-photo film was scanned using a Vexcel 4000HT photogrammetric scanner and processed with a variety of programs including SOCET SET, ARC GIS, OrthoVista, PCI, AutoCAD, and Adobe PhotoShop. AECOM produced a DEM (digital elevation model) and orthophotographs with 2m interval topographic contours. The true optic resolution was 10 microns or 0.20m ground resolution (Figure 12).

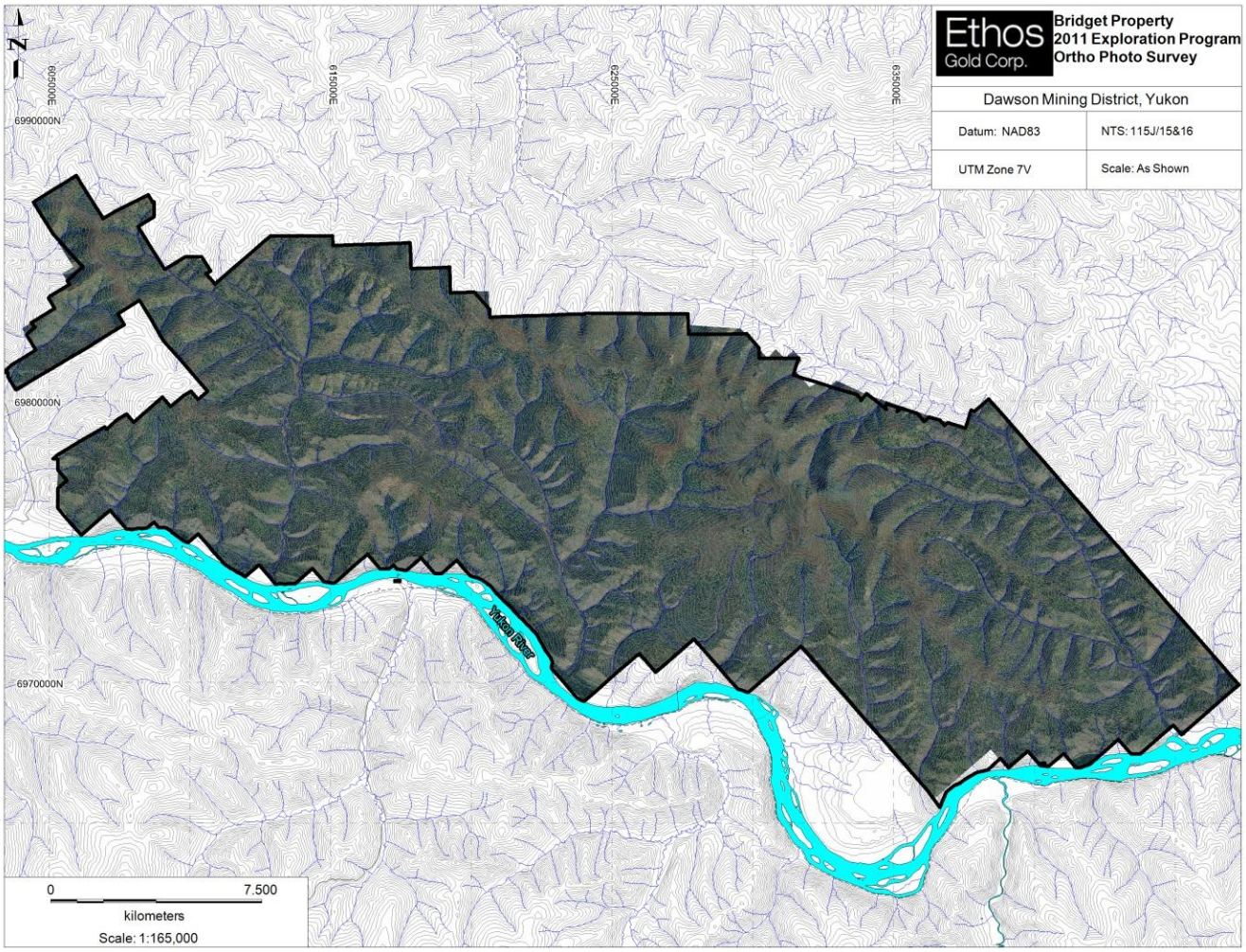


Figure 12. Bridget Property Orthophoto Mosaic

7.5 Permitting

Ethos contracted All-Terrane Exploration Mineral Exploration Services of Whitehorse, Yukon to apply for Class III Exploration permits on the Bridget property. The permit was received from Yukon Environmental and Socio-economic Assessment Board (YESAB) in July 2012 and is good for five years.

8 Drilling

No drilling has been completed on the Bridget claims to date.

9 Sampling Method & Analyses

Collection of rock and soil samples on the property during the 2011 field season was completed under the supervision of qualified geologists by experienced geological technicians. ACME Analytical Laboratories Ltd. was employed for geochemical sample analysis, ACME is an ISO 9001:2008 credited facility (certificate number FM 63007).

9.1 Sampling Method & Approach

9.1.1 Soil Samples

At each soil sample site, the Soil Technician identifies the most appropriate location to collect the sample and lays out a sheet of plastic (12” x 20” ore bag). The soil sample is taken using an Eijkelcamp hand-auger, at a depth of between 30 and 110 cm. Samplers strive to consistently collect C-horizon sample material. The soil is laid out on the sheet of plastic in the order it was recovered from the sample hole. Once the necessary amount of soil (400 - 500 g) has been obtained, the deepest soil is taken and placed in a bag labeled with the 3-letter project code and a unique 5-6 digit sample identification number. A representative rock chip sample is taken from the recovered soil and placed in a small (1” x 1.5”) bag labeled with the same project code and sample identification number. An aluminum metal tag inscribed with the sample identification number is attached to a rock or branch at the sample site along with a length of pink flagging tape. A duplicate sample is taken once for every 25 samples. At the sample site twice as much of the desired soil is acquired and then placed on the plastic sheet and homogenized before being placed into two sample bags. Both samples are given their own sample bag identification number. The data for both samples is recorded and a note is made indicating the duplicate and its corresponding sample identification number.

The GPS location of the sample site is recorded with a Garmin GPSMap 60cx or 76cx GPS device in UTM NAD 83 format, and the waypoint is labeled with the project name and the sample identification number. A Palm PDA device is used in the field to record the characteristics and description of the sample taken; this includes: sample identification number, soil colour, soil horizon, slope, sample depth, ground and tree vegetation and sample quality and any other relevant information. As well, the GPS coordinates are entered into the Palm device as a secondary backup in case of GPS failure.

Each night in the field, the GPS and Palm PDA devices are downloaded to a laptop computer and the data is verified on a sampler-by-sampler basis in proprietary database auditing software (“Dirtbagger 3000”) to ensure accurate data was recorded. The data is also mapped out daily using ESRI ArcMap to assure proper sample spacing and location. A backup of the sample data is made, copied onto a USB

memory stick and kept in a separate location from the laptop computer until job completion. Where possible, a backup is also sent via e-mail. The soil samples are packaged daily into fiber bags, sealed, and delivered via helicopter or fixed wing to Dawson where they are laid out on drying racks to air-dry, and then repackaged in labeled rice bags. Ground Truth personnel in Dawson deliver them to the ACME sample preparation lab in Dawson where a receipt for delivery is issued.

9.1.2 Rock Samples

Rock samples were collected (grab, chip, float), tagged and bagged in thick plastic (poly) rock sample bags, placed into a rice bag and sealed for shipment to ACME's sample preparation facility in Dawson City where Ethos personnel were issued a submittal receipt. Acme employees placed the fiber sacks on pallets, which were trucked daily by subcontractor Kluane Freight Lines to Acme's Whitehorse rock and soil preparation lab. Rocks were either crushed and split in Whitehorse or shipped via Air North air-freight to Acme's Vancouver lab to be crushed and split. The originating preparation lab is indicated on the final signed assay certificate. At each rock sample location detailed sample descriptions were collected and locations were marked with flagging and recorded with a GPS.

9.2 Sample Preparation, Analyses and Security

Each soil sample was analyzed by ACME Analytical Laboratories Ltd. in Vancouver, British Columbia for 36-element ICP-MS nitric-aqua regia digestion with a mass spectrometer finish; a 0.5 g sub-sample undergoes aqua regia digestion with ICP-MS analysis. Fifteen-grams of sample material was analyzed for Al, Sb, As, Ba, Bi, B, Cd, Ca, Cr, Co, Cu, Ga, Au, Fe, La, Pb, Mg, Mn, Hg, MO, Na, Ni, P, Ag, K, Sc, Sr, S, Tl, Th, Ti, Sn, W, U, V and Zn. Quality control procedures were implemented at the laboratory, involving regular insertion of blanks, standards and repeat analyses. Furthermore, soil sample field duplicates are routinely collected and inserted into the analytical stream as are pulp duplicates, as well as certified reference materials and blanks. ACME Labs prepared the samples in Dawson City and then shipped prepared samples to Vancouver for analysis. Soils are dried at 60^{o}C and sieved to collect up to 500 grams passing the -80 mesh fraction. For detailed laboratory sample preparation and analysis procedures are outlined in Appendix II. Soil samples for 2011 were primarily processed in ACME's Dawson City preparation lab however some samples were processed in the Whitehorse and Vancouver labs.

Rock samples are analyzed using specific Acme rock and drill core packages coded "Geo2" which consists of the code 1DX1, 3B01, and G601+G613 procedures as follows. Rock samples are analyzed for gold coded "3B01" using a 30 gram sub-sample by fire assay with an atomic absorption finish for concentrations under 10 g/t Au and a gravimetric finish if greater than 10 g/t Au. All rocks are also analyzed coded "1DX1" using a 0.5 g sub-sample which undergoes aqua regia digestion with ICP-MS analysis for 36 reporting elements using the same methodology as per soils.

Ethos uses protocols standard to the industry and professional QA/QC procedures for assaying including the use of duplicates, certified laboratory standard(s), prep and assay wash blanks.

1. Sample Preparation

Package	Description	Code	Unit Cost CDN$
Soils	Dry at 60°C, sieve (up to) 100g to -80mesh, up to ½ kg		
	Soils processed in Dawson City	SS80-DAW	2.85
	Soils processed in Whitehorse	SS80-WHI	1.85
	Sieve large samples: 80 mesh per ½ kg		0.80
Rock and Drill Cores	Crush 1kg to 80% passing 10mesh, split 250g and pulverize to 85% -200mesh	R200-250	6.20
	Extra crushing and saving rejects over 1kg, per kg		0.60

2. Sample Analysis

Package	Description	Code	Unit Cost CDN$
Soils	15g sample, aqua regia digestion, ICPMS finish for low detection limits	1DX2	15.20
Rocks and Drill Cores	A. Consists of:		
	1. 1DX1 – 0.5g sample, aqua regia digestion, ICPMS analysis	Geo2 (package)	23.40
	2. 3B01 – 30g sample, fire assay, AA or ICP finish (2 – 10,000 ppb)		
	B. (Over limit Au > 10,000 ppb) 30g sample, fire assay, gravimetric finish	G601+G612	15.85

Summary of analytical description and code for Acme Analytical soil and rock analyses packages used by Ethos during the 2011 exploration program.

10 Data Verification

The author visited the property in June and August 2011 to direct and conduct the explorative work. Geochemical data was verified by sourcing original analytical certificates and data. The QAQC procedures for soils indicate adequate reproducibility of standards, blanks and duplicate samples within acceptable error limits.

11 Adjacent Properties

Immediately adjoining the property to the north and northeast are the Lou, STV and Flora claims, staked in August 2010 by Pacific Ridge Exploration Ltd. to expand their Mariposa property. Recent results from drilling the Skookum showing at Mariposa has reported up to 2.44 g/t gold over 38.9 m and 2.59 g/t gold over 9.6 m from diamond drill hole 11MP-0112. To the west by the TAK claims owned by Farrel Andersen, Carl Schulze, Jackie Ziehe and Hinterland Metals Inc. To the northeast the claims are adjoined by the Toluamide claims owned by Gordon Richards. To the south, the property is bound by the Yukon River, on the other side of the river is Ethos' Betty property.

From a more regional perspective, properties within the Tintina Gold Belt include the Coffee (Kaminak Gold Corporation) and White Gold (Kinross Gold Corporation) projects. The Bridget project is located 40 km west of the Kaminak Coffee project. 2011 exploration season drilling on the project has defined gold

mineralization along the Coffee Creek structure reporting 17.1 g/t Au over 15.5m with wider intervals running 1.08 g/t Au over 83.93 m from drill core. Kinross' White Gold deposit (AKA- Golden Saddle) is located 35 kilometers to the northeast, reporting 9,797.000 tonnes (measured and indicated) of 3.19 g/t gold (1,005,000 ounces), with an additional 9,391,000 tonnes (inferred) of 1.91 g/t gold (578,000 ounces).

12 Mineral Processing & Metallurgical Testing

The project is at an early exploration phase and therefore no metallurgical testing has been carried out to date.

13 Mineral Resource & Reserve Estimate

There has not been sufficient work on the property to undertake a resource calculation.

14 Other Relevant Data and Information

To the author's knowledge, there is no additional information relevant to this technical report.

15 Interpretation and Conclusions

Large regional faults are inferred from magnetic and radiometric 'breaks' however deformation within the Bridget Property appears primarily to have accommodated shortening by folding without significant lateral offset faults or thrusts. Larger regional scale dextral offsets are located beyond the claim boundaries.

Reconnaissance ridge-and-spur gold-in-soil results generated isolated, usually single-site, anomalies. The survey did not reveal large target areas of geochemically anomalous gold or pathfinder elements that could focus exploration towards large bulk tonnage gold deposits. One of the interpreted faults near the northern boundary of the Bridget Property may have an association with anomalous gold-soils.

Limited prospecting on soil anomalies was completed in 2011. No significant gold results were obtained.

The area of the Bridget porphyry was examined. Outcrops containing potassic alteration, porphyritic textures, and locally chalcopyrite and molybdenite mineralization were identified. Rock assays also show anomalous tungsten mineralization. No sample contained anomalous gold concentrations. The area of the porphyry has potential for Casino-style bulk tonnage Cu-Mo-Au mineralization if there is gold present at Bridget.

16 Recommendations

The Bridget porphyry area should be examined in 2012. The porphyry is economically interesting if there is gold associated with the copper-molybdenum-scheelite mineralization. A program consisting of additional rock sampling of all units within the approximate 1 square kilometer area should be undertaken. There has been consideration given to the idea that a 'leach' cap exists at the Bridget porphyry which inhibits soil geochemical mobility, and limits the opportunity to directly sample for a gold assay. The leach cap at Casino extends approximately 100 meters below surface. To evaluate this

risk, a program of reverse circulation ("RC") drilling could be contemplated since an RC rig will be available to Ethos during the 2012 field season.

Prospecting the individual gold-anomalous soil site should be undertaken in 2012. Combined with the magnetic and radiometric information, prospecting can target these anomalous sites to determine if they are produced by bulk tonnage gold targets that could be economic. If prospecting yields interesting results, the individual areas should be surveyed with detailed (follow-up) soils, geological mapping, and conceptually either limited pit trenching or perhaps RC drill testing. The 2011 program was designed to accumulate first-pass exploration information and exploration results to date have yet to identify a gold target on the large Bridget property.

17 Statement of Expenditures

Expenditures on the Bridget Property, including the Betty East, Betty Central, and Betty West claim groupings, were incurred between June 1, 2011 and October 8, 2011.

Contractor	Type	Period (2011)	Amount
Ground Truth Exploration	Soil Survey	Jun 2 to Sep 30	$ 247,119.26
Acme Labs	Soil-Rock Analysis	Jun 2 to Sep 30	$ 188,350.45
Helicopter/Fixed Wing Aircraft	Soil Survey, Prospecting	Jun 2 to Sep 30	$ 332,450.78
Helicopter/Fixed Wing Fuel	Soil Survey, Prospecting	Jun 2 to Sep 30	$ 59,913.24
Airborne Geophysics	Airborne Mag/Radio	Jun 2 to Sep 30	$ 298,429.34
AECOM Engineering	Orthophoto	Jun 2 to Oct 9	$ 54,745.00
All-Terrane	Prospecting	Jun 2 to Sep 30	$ 46,520.74
Total to Oct 9, 2011			**$ 1,227,528.81**

*Helicopter/Fixed Wing Aircraft includes TransNorth, Helidynamics, Great River Air invoices.
*Airborne Geophysics includes New-Sense Geophysics, Williams Geophysics, JDS Mining (fuel for survey)

Expenditures certified correct,



Peter Tallman, P.Geo.
Chief Operating Officer, Ethos Gold Corp.

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19 Statement of Qualifications

I, Peter Tallman, of Vancouver, British Columbia hereby certify that:

- I am a graduate of the University of Western Ontario with a Bachelor of Science (Geology) degree (1984).
- I am a practicing Professional Geoscientist (#02366) with the Professional Engineers and Geoscientists of Newfoundland and Labrador (PEGNL) since May 1991.
- I have practiced my profession as a geologist in Canada, throughout the America's as well as Australia and Africa continuously since graduation.
- I have held the position of executive officer and/or director of various publically listed Canadian corporations since 1995.
- I currently hold the position of Chief Operating Officer with Ethos Gold Corp., a company listed publically on the TSXV Exchange.
- I own shares and have been granted options to purchase shares in Ethos Gold Corp.
- I directed work on the Bridget Property during the period June 2 to September 1, 2011 and am the designated Qualified Person as defined by National Instrument 43-101 policy.

Dated in Vancouver, British Columbia this 18th day of April, 2012.



Peter Tallman, P.Geo.

Appendix I – Mineral Tenure of the Bridget Property

Appendix I.I – Bridget West

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 1	YD138501	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 2	YD138502	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 3	YD138503	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 4	YD138504	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 5	YD138505	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 6	YD138506	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 7	YD138507	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 8	YD138508	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 9	YD138509	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 10	YD138510	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 11	YD138511	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 12	YD138512	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 13	YD138513	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 14	YD138514	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 15	YD138515	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 16	YD138516	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 17	YD138517	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 18	YD138518	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 19	YD138519	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 20	YD138520	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 21	YD138521	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 22	YD138522	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 23	YD138523	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 24	YD138524	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 25	YD138525	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 26	YD138526	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 27	YD138527	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 28	YD138528	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 29	YD138529	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 30	YD138530	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 31	YD138531	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 32	YD138532	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 33	YD138533	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 34	YD138534	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 35	YD138535	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 36	YD138536	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 37	YD138537	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 38	YD138538	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 39	YD138539	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 40	YD138540	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 41	YD138541	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 42	YD138542	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 43	YD138543	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 44	YD138544	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 45	YD138545	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 46	YD138546	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 47	YD138547	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 48	YD138548	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 49	YD138549	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 50	YD138550	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 51	YD138551	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 52	YD138552	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 53	YD138553	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 54	YD138554	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 55	YD138555	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 56	YD138556	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 57	YD138557	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 58	YD138558	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 59	YD138559	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 60	YD138560	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 61	YD138561	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 62	YD138562	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 63	YD138563	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 64	YD138564	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 65	YD138565	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 66	YD138566	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 67	YD138567	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 68	YD138568	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 69	YD138569	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 70	YD138570	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 71	YD138571	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 72	YD138572	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 73	YD138573	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 74	YD138574	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 75	YD138575	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 76	YD138576	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 77	YD138577	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 78	YD138578	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 79	YD138579	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 80	YD138580	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 81	YD138581	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 82	YD138582	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 83	YD138583	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 84	YD138584	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 85	YD138585	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 86	YD138586	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 87	YD138587	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 88	YD138588	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 89	YD138589	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 90	YD138590	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 91	YD138591	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 92	YD138592	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 93	YD138593	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 94	YD138594	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 95	YD138595	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 96	YD138596	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 97	YD138597	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 98	YD138598	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 99	YD138599	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 100	YD138600	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 101	YD138601	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 102	YD138602	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 103	YD138603	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 104	YD138604	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 105	YD138605	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 106	YD138606	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 107	YD138607	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 108	YD138608	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/30/2011	2/16/2017
Pedlar 109	YD138609	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 110	YD138610	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 111	YD138611	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 112	YD138612	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 113	YD138613	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 114	YD138614	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 115	YD138615	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 116	YD138616	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 117	YD138617	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 118	YD138618	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 119	YD138619	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 120	YD138620	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 121	YD138621	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 122	YD138622	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 123	YD138623	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 124	YD138624	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 125	YD138625	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 126	YD138626	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 127	YD138627	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 128	YD138628	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 129	YD138629	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 130	YD138630	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 131	YD138631	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 132	YD138632	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 133	YD138633	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 134	YD138634	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 135	YD138635	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 136	YD138636	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 137	YD138637	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 138	YD138638	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 139	YD138639	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 140	YD138640	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 141	YD138641	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 142	YD138642	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 143	YD138643	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 144	YD138644	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/29/2011	2/16/2017
Pedlar 145	YD138645	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 146	YD138646	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 147	YD138647	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 148	YD138648	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 149	YD138649	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 150	YD138650	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 151	YD138651	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 152	YD138652	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 153	YD138653	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 154	YD138654	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 155	YD138655	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 156	YD138656	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 157	YD138657	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 158	YD138658	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 159	YD138659	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 160	YD138660	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 161	YD138661	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 162	YD138662	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 163	YD138663	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 164	YD138664	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 165	YD138665	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 166	YD138666	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 167	YD138667	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 168	YD138668	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 169	YD138669	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 170	YD138670	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 171	YD138671	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 172	YD138672	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 173	YD138673	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 174	YD138674	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 175	YD138675	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 176	YD138676	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 177	YD138677	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 178	YD138678	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 179	YD138679	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 180	YD138680	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 181	YD138681	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 182	YD138682	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 183	YD138683	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 184	YD138684	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 185	YD138685	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 186	YD138686	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 187	YD138687	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 188	YD138688	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 189	YD138689	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 190	YD138690	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 191	YD138691	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 192	YD138692	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 193	YD138693	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 194	YD138694	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 195	YD138695	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 196	YD138696	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 197	YD138697	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 198	YD138698	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 199	YD138699	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 200	YD138700	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 201	YD138701	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 202	YD138702	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 203	YD138703	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 204	YD138704	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/2/2011	2/2/2011	2/2/2017
Pedlar 205	YD138705	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 206	YD138706	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 207	YD138707	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 208	YD138708	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 209	YD138709	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 210	YD138710	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 211	YD138711	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 212	YD138712	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 213	YD138713	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 214	YD138714	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 215	YD138715	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 216	YD138716	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 217	YD138717	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 218	YD138718	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 219	YD138719	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 220	YD138720	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 221	YD138721	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 222	YD138722	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 223	YD138723	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 224	YD138724	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 225	YD138725	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 226	YD138726	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 227	YD138727	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 228	YD138728	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 229	YD138729	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 230	YD138730	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 231	YD138731	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 232	YD138732	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Pedlar 233	YD138733	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 234	YD138734	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 235	YD138735	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 236	YD138736	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 237	YD138737	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 238	YD138738	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 239	YD138739	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 240	YD138740	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 241	YD138741	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 242	YD138742	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 243	YD138743	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 244	YD138744	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 245	YD138745	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 246	YD138746	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 247	YD138747	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 248	YD138748	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 249	YD138749	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 250	YD138750	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 251	YD138751	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 252	YD138752	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 253	YD138753	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 254	YD138754	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 255	YD138755	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 256	YD138756	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 257	YD138757	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 258	YD138758	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 259	YD138759	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 260	YD138760	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 269	YD138769	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 270	YD138770	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 271	YD138771	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 272	YD138772	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 273	YD138773	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 274	YD138774	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 275	YD138775	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 276	YD138776	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 277	YD138777	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 278	YD138778	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 279	YD138779	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 280	YD138780	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 281	YD138781	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 282	YD138782	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 283	YD138783	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 284	YD138784	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 285	YD138785	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 286	YD138786	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 287	YD138787	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 288	YD138788	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 289	YD138789	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 290	YD138790	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 291	YD138791	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 292	YD138792	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Pedlar 293	YD138793	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 294	YD138794	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 295	YD138795	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 296	YD138796	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 297	YD138797	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 298	YD138798	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 299	YD138799	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 300	YD138800	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 301	YD138801	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 302	YD138802	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 303	YD138803	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 304	YD138804	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/3/2011	2/3/2011	2/3/2017
Pedlar 317	YD138817	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 318	YD138818	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 319	YD138819	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 320	YD138820	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 365	YD138865	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 366	YD138866	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 367	YD138867	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 368	YD138868	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 369	YD138869	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 370	YD138870	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 371	YD138871	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 372	YD138872	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 373	YD138873	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 374	YD138874	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 375	YD138875	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 376	YD138876	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 377	YD138877	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 378	YD138878	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 379	YD138879	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 380	YD138880	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 425	YD138925	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 426	YD138926	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 427	YD138927	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 428	YD138928	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 429	YD138929	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 430	YD138930	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 431	YD138931	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 432	YD138932	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 433	YD138933	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 434	YD138934	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 435	YD138935	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 436	YD138936	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 437	YD138937	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 438	YD138938	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 439	YD138939	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 440	YD138940	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 485	YD138985	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 486	YD138986	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 487	YD138987	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 488	YD138988	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 489	YD138989	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 490	YD138990	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 491	YD138991	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 492	YD138992	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 493	YD138993	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 494	YD138994	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 495	YD138995	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 496	YD138996	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 497	YD138997	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 498	YD138998	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 499	YD138999	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 500	YD139000	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 501	YD139001	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 502	YD139002	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 503	YD139003	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 504	YD139004	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 505	YD139005	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 506	YD139006	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 507	YD139007	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 508	YD139008	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 509	YD139009	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 511	YD139011	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 513	YD139013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 515	YD139015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 517	YD139017	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 519	YD139019	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 521	YD139021	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 549	YD139049	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 556	YD139056	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 557	YD139057	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 558	YD139058	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 559	YD139059	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 560	YD139060	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 563	YD139063	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 564	YD139064	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 565	YD139065	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 566	YD139066	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 567	YD139067	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 568	YD139068	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 569	YD139069	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 570	YD139070	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 571	YD139071	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 572	YD139072	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 573	YD139073	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 574	YD139074	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 575	YD139075	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 576	YD139076	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 577	YD139077	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 578	YD139078	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 579	YD139079	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 580	YD139080	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 581	YD139081	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 582	YD139082	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 583	YD139083	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 584	YD139084	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 585	YD139085	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 586	YD139086	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 587	YD139087	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 588	YD139088	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 589	YD139089	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 590	YD139090	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 591	YD139091	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 592	YD139092	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 593	YD139093	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 594	YD139094	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 595	YD139095	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 596	YD139096	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 597	YD139097	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 598	YD139098	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 599	YD139099	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 600	YD139100	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 601	YD139101	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 602	YD139102	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 603	YD139103	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 604	YD139104	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 605	YD139105	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 606	YD139106	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 607	YD139107	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 608	YD139108	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 609	YD139109	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 610	YD139110	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 611	YD139111	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 612	YD139112	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 613	YD139113	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 614	YD139114	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 615	YD139115	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 616	YD139116	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 617	YD139117	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 618	YD139118	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 619	YD139119	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 620	YD139120	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017

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Pedlar 621	YD139121	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 622	YD139122	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 623	YD139123	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 624	YD139124	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 625	YD139125	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 626	YD139126	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 627	YD139127	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 628	YD139128	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 629	YD139129	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 630	YD139130	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 631	YD139131	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 632	YD139132	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 633	YD139133	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 634	YD139134	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 635	YD139135	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 636	YD139136	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 637	YD139137	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 638	YD139138	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 639	YD139139	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 640	YD139140	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 641	YD139141	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 642	YD139142	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 643	YD139143	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 644	YD139144	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 645	YD139145	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 646	YD139146	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 647	YD139147	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 648	YD139148	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 649	YD139149	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 650	YD139150	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 651	YD139151	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 652	YD139152	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 653	YD139153	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 654	YD139154	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 655	YD139155	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 656	YD139156	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 657	YD139157	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 658	YD139158	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 659	YD139159	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 660	YD139160	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 661	YD139161	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 662	YD139162	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 663	YD139163	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 664	YD139164	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 665	YD139165	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 666	YD139166	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 667	YD139167	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 668	YD139168	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 669	YD139169	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 670	YD139170	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 671	YD139171	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Pedlar 672	YD139172	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/2/2011	2/16/2017
Pedlar 673	YD139173	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 674	YD139174	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 675	YD139175	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 676	YD139176	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 677	YD139177	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 678	YD139178	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 679	YD139179	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 680	YD139180	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 681	YD139181	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 682	YD139182	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 683	YD139183	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 684	YD139184	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 685	YD139185	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
PEDLAR 737	YE20509	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 738	YE20510	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 739	YE20511	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 740	YE20512	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 741	YE20513	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 742	YE20514	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 743	YE20515	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 744	YE20516	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 745	YE20517	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 746	YE20518	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 747	YE20519	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 748	YE20520	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 749	YE20521	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 750	YE20522	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 751	YE20523	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 752	YE20524	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 753	YE20525	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 754	YE20526	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 755	YE20527	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 756	YE20528	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 757	YE20529	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 758	YE20530	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 759	YE20531	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 760	YE20532	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 761	YE20533	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 762	YE20534	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 763	YE20535	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 764	YE20536	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 765	YE20537	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 766	YE20538	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 767	YE20539	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 768	YE20540	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 769	YE20541	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 770	YE20542	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 771	YE20543	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 772	YE20544	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 773	YE20545	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 774	YE20546	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 775	YE20547	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 776	YE20548	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 777	YE20549	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 778	YE20550	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 779	YE20551	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 780	YE20552	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 781	YE20553	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 782	YE20554	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 783	YE20555	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 784	YE20556	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 785	YE20557	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 786	YE20558	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 787	YE20559	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 788	YE20560	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 789	YE20561	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 790	YE20562	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 791	YE20563	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 792	YE20564	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 793	YE20565	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
PEDLAR 794	YE20566	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 795	YE20567	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 796	YE20568	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 797	YE20569	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 798	YE20570	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 799	YE20571	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 800	YE20572	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 801	YE20573	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 802	YE20574	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 803	YE20575	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 804	YE20576	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 805	YE20577	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 806	YE20578	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 807	YE20579	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 808	YE20580	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 809	YE20581	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 810	YE20582	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 811	YE20583	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 812	YE20584	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 813	YE20585	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 814	YE20586	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 815	YE20587	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 816	YE20588	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 817	YE20589	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 818	YE20590	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 819	YE20591	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 820	YE20592	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 821	YE20593	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 822	YE20594	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 823	YE20595	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 824	YE20596	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 825	YE20597	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 826	YE20598	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 827	YE20599	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 828	YE20600	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 829	YE20601	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 830	YE20602	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 831	YE20603	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 832	YE20604	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 833	YE20605	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 834	YE20606	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 835	YE20607	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 836	YE20608	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 837	YE20609	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 838	YE20610	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 839	YE20611	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 840	YE20612	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 841	YE20613	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 842	YE20614	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 843	YE20615	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 844	YE20616	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 845	YE20617	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 846	YE20618	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 847	YE20619	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 848	YE20620	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 849	YE20621	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 850	YE20622	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 851	YE20623	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 852	YE20624	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 853	YE20625	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 854	YE20626	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017

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PEDLAR 855	YE20627	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 856	YE20628	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 857	YE20629	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 858	YE20630	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 859	YE20631	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 860	YE20632	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 861	YE20633	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 862	YE20634	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 863	YE20635	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 864	YE20636	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 865	YE20637	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 866	YE20638	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 867	YE20639	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 868	YE20640	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 869	YE20641	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 870	YE20642	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 871	YE20643	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 872	YE20644	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 873	YE20645	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 874	YE20646	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 875	YE20647	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 876	YE20648	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 877	YE20649	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 878	YE20650	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 879	YE20651	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 880	YE20652	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 881	YE20653	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 882	YE20654	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 883	YE20655	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 884	YE20656	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 885	YE20657	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 886	YE20658	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 887	YE20659	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 888	YE20660	Shawn Ryan - 100%	4/27/2011	4/4/2011	4/27/2017
PEDLAR 889	YE20661	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 890	YE20662	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 891	YE20663	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 892	YE20664	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 893	YE20665	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 894	YE20666	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 895	YE20667	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 896	YE20668	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 897	YE20669	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 898	YE20670	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 899	YE20671	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 900	YE20672	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 901	YE20673	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 902	YE20674	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 903	YE20675	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 904	YE20676	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 905	YE20677	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 906	YE20678	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 907	YE20679	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 908	YE20680	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 909	YE20681	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 910	YE20682	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 911	YE20683	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 912	YE20684	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 913	YE20685	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 914	YE20686	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 915	YE20687	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
PEDLAR 916	YE20688	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 917	YE20689	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 918	YE20690	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 919	YE20691	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 920	YE20692	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 921	YE20693	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 922	YE20694	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 923	YE20695	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 924	YE20696	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 925	YE20697	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 926	YE20698	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 927	YE20699	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 928	YE20700	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 929	YE20701	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 930	YE20702	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 931	YE20703	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 932	YE20704	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 933	YE20705	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 934	YE20706	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 935	YE20707	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 936	YE20708	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 937	YE20709	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 938	YE20710	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 939	YE20711	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 940	YE20712	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 941	YE20713	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 942	YE20714	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 943	YE20715	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 944	YE20716	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 945	YE20717	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 946	YE20718	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 947	YE20719	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 948	YE20720	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 949	YE20721	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 950	YE20722	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 951	YE20723	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 952	YE20724	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 953	YE20725	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 954	YE20726	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 955	YE20727	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 956	YE20728	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 957	YE20729	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 958	YE20730	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 959	YE20731	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 960	YE20732	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 961	YE20733	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 962	YE20734	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 963	YE20735	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 964	YE20736	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 965	YE20737	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 966	YE20738	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 967	YE20739	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 968	YE20740	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 969	YE20741	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 970	YE20742	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 971	YE20743	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 972	YE20744	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 973	YE20745	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 974	YE20746	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 975	YE20747	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 976	YE20748	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
PEDLAR 977	YE20749	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 978	YE20750	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 979	YE20751	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 980	YE20752	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 981	YE20753	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 982	YE20754	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 983	YE20755	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 984	YE20756	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 985	YE20757	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 986	YE20758	Shawn Ryan - 100%	4/27/2011	4/7/2011	4/27/2017
PEDLAR 987	YE20759	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 988	YE20760	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 989	YE20761	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 990	YE20762	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 991	YE20763	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 992	YE20764	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 993	YE20765	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017
PEDLAR 994	YE20766	Shawn Ryan - 100%	4/27/2011	4/5/2011	4/27/2017

Appendix I.II – Bridget Central

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Bridget 1	YC35402	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	11/10/2004	11/8/2004	11/10/2017
Bridget 2	YC35403	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	11/10/2004	11/8/2004	11/10/2017
Bridget 3	YC35404	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	11/10/2004	11/8/2004	11/10/2017
Bridget 4	YC35405	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	11/10/2004	11/8/2004	11/10/2017
Bridget 5	YC35406	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	11/10/2004	11/8/2004	11/10/2017
Bridget 6	YC35407	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	11/10/2004	11/8/2004	11/10/2017
Bridget 7	YC35408	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	11/10/2004	11/8/2004	11/10/2017
Bridget 8	YC35409	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	11/10/2004	11/8/2004	11/10/2017
Bridget 9	YC84292	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 10	YC84293	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 11	YC84294	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 12	YC84295	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 13	YC84296	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 14	YC84297	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 15	YC84298	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 16	YC84299	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 17	YC84300	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 18	YC84301	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 19	YC84302	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 20	YC84303	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 21	YC84304	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 22	YC84305	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 23	YC84306	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 24	YC84307	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 25	YC84308	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 26	YC84309	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 27	YC84310	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 28	YC84311	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 29	YC84312	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 30	YC84313	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 31	YC84314	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 32	YC84315	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 33	YC84316	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 34	YC84317	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 35	YC84318	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 36	YC84319	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 37	YC84320	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 38	YC84321	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 39	YC84322	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
Bridget 40	YC84323	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	10/16/2008	10/11/2008	10/16/2017
BRIDGET 41	YD130301	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 42	YD130302	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 43	YD130303	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 44	YD130304	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 45	YD130305	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 46	YD130306	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 47	YD130307	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 48	YD130308	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 49	YD130309	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 50	YD130310	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 51	YD130311	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 52	YD130312	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 53	YD130313	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 54	YD130314	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 55	YD130315	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 56	YD130316	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 57	YD130317	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 58	YD130318	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 59	YD130319	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 60	YD130320	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 61	YD130321	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
BRIDGET 62	YD130322	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 63	YD130323	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 64	YD130324	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 65	YD130325	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 66	YD130326	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 67	YD130327	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 68	YD130328	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 69	YD130329	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 70	YD130330	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 71	YD130331	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 72	YD130332	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 73	YD130333	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 74	YD130334	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 75	YD130335	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 76	YD130336	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 77	YD130337	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 78	YD130338	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 79	YD130339	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 80	YD130340	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 81	YD130341	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 82	YD130342	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 83	YD130343	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 84	YD130344	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 85	YD130345	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 86	YD130346	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 87	YD130347	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 88	YD130348	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 89	YD130349	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
BRIDGET 90	YD130350	Shawn Ryan - 100%	12/21/2010	11/22/2010	12/21/2016
Cripple 1	YD135901	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 2	YD135902	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 3	YD135903	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 4	YD135904	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 5	YD135905	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 6	YD135906	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 7	YD135907	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 8	YD135908	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 9	YD135909	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 10	YD135910	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 11	YD135911	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 12	YD135912	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 13	YD135913	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 14	YD135914	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 15	YD135915	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 16	YD135916	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 17	YD135917	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 18	YD135918	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 19	YD135919	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 20	YD135920	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 21	YD135921	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 22	YD135922	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 23	YD135923	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 24	YD135924	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 25	YD135925	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 26	YD135926	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 27	YD135927	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 28	YD135928	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 29	YD135929	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 30	YD135930	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 31	YD135931	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 32	YD135932	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 33	YD135933	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 34	YD135934	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 35	YD135935	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 36	YD135936	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 37	YD135937	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 38	YD135938	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 39	YD135939	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 40	YD135940	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 41	YD135941	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 42	YD135942	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 43	YD135943	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 44	YD135944	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 45	YD135945	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 46	YD135946	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 47	YD135947	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 48	YD135948	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 49	YD135949	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 50	YD135950	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 51	YD135951	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 52	YD135952	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 53	YD135953	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 54	YD135954	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 55	YD135955	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 56	YD135956	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 57	YD135957	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 58	YD135958	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 59	YD135959	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 60	YD135960	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 61	YD135961	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 62	YD135962	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 63	YD135963	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 64	YD135964	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 65	YD135965	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 66	YD135966	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 67	YD135967	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 68	YD135968	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 69	YD135969	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 70	YD135970	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 71	YD135971	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 72	YD135972	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 73	YD135973	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 74	YD135974	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 75	YD135975	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 76	YD135976	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 77	YD135977	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 78	YD135978	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 79	YD135979	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 80	YD135980	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 81	YD135981	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 82	YD135982	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 83	YD135983	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 84	YD135984	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 85	YD135985	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 86	YD135986	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 87	YD135987	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 88	YD135988	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 89	YD135989	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 90	YD135990	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 91	YD135991	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 92	YD135992	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 93	YD135993	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 94	YD135994	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 95	YD135995	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 96	YD135996	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 97	YD135997	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 98	YD135998	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 99	YD135999	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 100	YD136000	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 101	YD136001	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 102	YD136002	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 103	YD136003	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 104	YD136004	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 105	YD136005	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 106	YD136006	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 107	YD136007	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 108	YD136008	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 109	YD136009	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 110	YD136010	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 111	YD136011	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 112	YD136012	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 113	YD136013	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 114	YD136014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 115	YD136015	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 116	YD136016	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 117	YD136017	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 118	YD136018	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 119	YD136019	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 120	YD136020	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 121	YD136021	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 122	YD136022	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 123	YD136023	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 124	YD136024	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 125	YD136025	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 126	YD136026	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 127	YD136027	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 128	YD136028	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 129	YD136029	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 130	YD136030	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 131	YD136031	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 132	YD136032	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 133	YD136033	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 134	YD136034	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 135	YD136035	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 136	YD136036	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 137	YD136037	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 138	YD136038	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 139	YD136039	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 140	YD136040	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 141	YD136041	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 142	YD136042	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 143	YD136043	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 144	YD136044	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 145	YD136045	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 146	YD136046	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 147	YD136047	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 148	YD136048	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 149	YD136049	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 150	YD136050	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 151	YD136051	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 152	YD136052	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 153	YD136053	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 154	YD136054	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 155	YD136055	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 156	YD136056	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 157	YD136057	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 158	YD136058	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 159	YD136059	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 160	YD136060	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 161	YD136061	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 162	YD136062	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 163	YD136063	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 164	YD136064	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 165	YD136065	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 166	YD136066	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 167	YD136067	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 168	YD136068	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 169	YD136069	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 170	YD136070	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 171	YD136071	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 172	YD136072	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 173	YD136073	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 174	YD136074	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 175	YD136075	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 176	YD136076	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 177	YD136077	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 178	YD136078	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	1/31/2011	2/16/2017
Cripple 179	YD136079	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 180	YD136080	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 181	YD136081	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 182	YD136082	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 183	YD136083	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 184	YD136084	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 185	YD136085	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 186	YD136086	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 187	YD136087	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 188	YD136088	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 189	YD136089	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 190	YD136090	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 191	YD136091	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 192	YD136092	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 193	YD136093	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 194	YD136094	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 195	YD136095	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 196	YD136096	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 197	YD136097	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 198	YD136098	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 199	YD136099	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 200	YD136100	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 201	YD136101	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 202	YD136102	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 203	YD136103	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 204	YD136104	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 205	YD136105	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 206	YD136106	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 207	YD136107	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 208	YD136108	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 209	YD136109	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 210	YD136110	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 211	YD136111	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 212	YD136112	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 213	YD136113	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 214	YD136114	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 215	YD136115	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017

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Cripple 216	YD136116	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 217	YD136117	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 218	YD136118	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 219	YD136119	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 220	YD136120	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 221	YD136121	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 222	YD136122	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 223	YD136123	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 224	YD136124	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 225	YD136125	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 226	YD136126	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 227	YD136127	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 228	YD136128	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 229	YD136129	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 230	YD136130	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 231	YD136131	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 232	YD136132	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 233	YD136133	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 234	YD136134	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 235	YD136135	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 236	YD136136	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 237	YD136137	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 238	YD136138	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 239	YD136139	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 240	YD136140	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Cripple 241	YD136141	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 242	YD136142	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 243	YD136143	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 244	YD136144	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 245	YD136145	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 246	YD136146	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 247	YD136147	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 248	YD136148	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 249	YD136149	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 250	YD136150	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 251	YD136151	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 252	YD136152	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/6/2011	2/6/2011	2/6/2017
Cripple 253	YD136153	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 254	YD136154	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 255	YD136155	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 256	YD136156	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 257	YD136157	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 258	YD136158	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 259	YD136159	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 260	YD136160	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 261	YD136161	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 262	YD136162	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 263	YD136163	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 264	YD136164	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 265	YD136165	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 266	YD136166	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Cripple 267	YD136167	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 268	YD136168	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 269	YD136169	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 270	YD136170	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 271	YD136171	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 272	YD136172	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 273	YD136173	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 274	YD136174	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 275	YD136175	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 276	YD136176	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017

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Cripple 277	YD136177	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Cripple 278	YD136178	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 279	YD136179	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 280	YD136180	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 281	YD136181	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 282	YD136182	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 283	YD136183	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 284	YD136184	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 285	YD136185	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 286	YD136186	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 287	YD136187	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 288	YD136188	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 289	YD136189	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 290	YD136190	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/3/2011	2/16/2017
Cripple 291	YD136191	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/1/2011	2/16/2017
Cripple 301	YE18041	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 303	YE18043	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 304	YE18044	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 329	YE18069	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 330	YE18070	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 331	YE18071	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 332	YE18072	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Pedlar 261	YD138761	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 262	YD138762	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 263	YD138763	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 264	YD138764	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 265	YD138765	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 266	YD138766	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 267	YD138767	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 268	YD138768	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 305	YD138805	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 306	YD138806	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 307	YD138807	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 308	YD138808	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 309	YD138809	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 310	YD138810	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 311	YD138811	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 312	YD138812	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 313	YD138813	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 314	YD138814	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 315	YD138815	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 316	YD138816	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 321	YD138821	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 322	YD138822	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 323	YD138823	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 324	YD138824	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 325	YD138825	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 326	YD138826	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 327	YD138827	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 328	YD138828	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/16/2011	2/16/2017
Pedlar 329	YD138829	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 330	YD138830	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 331	YD138831	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 332	YD138832	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 333	YD138833	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 334	YD138834	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 335	YD138835	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 336	YD138836	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 337	YD138837	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 338	YD138838	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 339	YD138839	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017

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Pedlar 340	YD138840	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 341	YD138841	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 342	YD138842	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 343	YD138843	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 344	YD138844	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 345	YD138845	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 346	YD138846	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 347	YD138847	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 348	YD138848	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 349	YD138849	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 350	YD138850	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 351	YD138851	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 352	YD138852	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 353	YD138853	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 354	YD138854	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 355	YD138855	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 356	YD138856	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 357	YD138857	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 358	YD138858	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 359	YD138859	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 360	YD138860	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 361	YD138861	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 362	YD138862	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 363	YD138863	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 364	YD138864	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/5/2011	2/16/2017
Pedlar 381	YD138881	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 382	YD138882	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 383	YD138883	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 384	YD138884	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 385	YD138885	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 386	YD138886	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 387	YD138887	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 388	YD138888	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 389	YD138889	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 390	YD138890	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 391	YD138891	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 392	YD138892	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 393	YD138893	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 394	YD138894	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 395	YD138895	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 396	YD138896	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 397	YD138897	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 398	YD138898	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 399	YD138899	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 400	YD138900	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 401	YD138901	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 402	YD138902	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 403	YD138903	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 404	YD138904	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 405	YD138905	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 406	YD138906	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 407	YD138907	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 408	YD138908	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 409	YD138909	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 410	YD138910	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 411	YD138911	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 412	YD138912	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 413	YD138913	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 414	YD138914	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 415	YD138915	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 416	YD138916	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 417	YD138917	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 418	YD138918	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 419	YD138919	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 420	YD138920	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 421	YD138921	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 422	YD138922	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 423	YD138923	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 424	YD138924	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 441	YD138941	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 442	YD138942	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 443	YD138943	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 444	YD138944	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 445	YD138945	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 446	YD138946	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 447	YD138947	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 448	YD138948	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 449	YD138949	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 450	YD138950	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 451	YD138951	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 452	YD138952	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 453	YD138953	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 454	YD138954	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 455	YD138955	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 456	YD138956	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 457	YD138957	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 458	YD138958	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 459	YD138959	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 460	YD138960	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 461	YD138961	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 462	YD138962	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 463	YD138963	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 464	YD138964	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 465	YD138965	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 466	YD138966	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 467	YD138967	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 468	YD138968	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 469	YD138969	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 470	YD138970	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 471	YD138971	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 472	YD138972	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 473	YD138973	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 474	YD138974	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 475	YD138975	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 476	YD138976	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 477	YD138977	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 478	YD138978	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 479	YD138979	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 480	YD138980	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 481	YD138981	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 482	YD138982	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 483	YD138983	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 484	YD138984	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/9/2011	2/16/2017
Pedlar 510	YD139010	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 512	YD139012	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 514	YD139014	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 516	YD139016	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 518	YD139018	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 520	YD139020	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 522	YD139022	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/8/2011	2/16/2017
Pedlar 523	YD139023	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 524	YD139024	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 525	YD139025	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 526	YD139026	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 527	YD139027	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 528	YD139028	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 529	YD139029	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 530	YD139030	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 531	YD139031	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 532	YD139032	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 533	YD139033	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 534	YD139034	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 535	YD139035	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 536	YD139036	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 537	YD139037	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 538	YD139038	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 539	YD139039	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 540	YD139040	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 541	YD139041	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 542	YD139042	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 543	YD139043	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 544	YD139044	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 545	YD139045	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 546	YD139046	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 547	YD139047	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 548	YD139048	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 550	YD139050	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 551	YD139051	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 552	YD139052	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 553	YD139053	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 554	YD139054	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 555	YD139055	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 561	YD139061	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 562	YD139062	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/6/2011	2/16/2017
Pedlar 686	YD139186	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 687	YD139187	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 688	YD139188	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 689	YD139189	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 690	YD139190	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 691	YD139191	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 692	YD139192	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 693	YD139193	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 694	YD139194	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 695	YD139195	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 696	YD139196	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 697	YD139197	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 698	YD139198	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 699	YD139199	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 700	YD139200	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 701	YD139201	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 702	YD139202	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 703	YD139203	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 704	YD139204	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 705	YD139205	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 706	YD139206	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 707	YD139207	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 708	YD139208	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 709	YD139209	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 710	YD139210	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 711	YD139211	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 712	YD139212	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 713	YD139213	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 714	YD139214	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Pedlar 715	YD139215	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 716	YD139216	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 717	YD139217	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 718	YD139218	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 719	YD139219	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 720	YD139220	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 721	YD139221	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 722	YD139222	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 723	YD139223	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 724	YD139224	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 725	YD139225	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 726	YD139226	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 727	YD139227	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
Pedlar 728	YD139228	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	2/16/2011	2/7/2011	2/16/2017
PEDLAR 729	YE20501	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 730	YE20502	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 731	YE20503	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 732	YE20504	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 733	YE20505	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 734	YE20506	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 735	YE20507	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
PEDLAR 736	YE20508	Shawn Ryan - 100%	4/27/2011	4/9/2011	4/27/2017
U 1	YC36744	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 2	YC36745	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 3	YC35883	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 4	YC35884	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 5	YC35885	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 6	YC35886	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 7	YC35887	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 8	YC35888	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 9	YC35889	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 10	YC35890	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 11	YC35891	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 12	YC35892	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 13	YC35893	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 14	YC35894	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 15	YC35895	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 16	YC35896	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 17	YC35897	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 18	YC35898	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 19	YC35899	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 20	YC35900	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 21	YC35901	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 22	YC35902	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 23	YC35903	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 24	YC35904	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 25	YC35905	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 26	YC35906	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 27	YC35907	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 28	YC35908	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 29	YC35909	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 30	YC35910	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/13/2005	4/10/2005	4/13/2017
U 31	YC36746	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 32	YC36747	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 33	YC36748	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 34	YC36749	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 35	YC36750	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 36	YC36751	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 37	YC36752	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 38	YC36753	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 39	YC36754	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
U 40	YC36755	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 41	YC36756	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 42	YC36757	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 43	YC36758	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 44	YC36759	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 45	YC36760	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 46	YC36761	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 47	YC36762	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 48	YC36763	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 49	YC36764	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 50	YC36765	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 51	YC36798	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/13/2005	12/6/2005	12/13/2016
U 52	YC36799	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/13/2005	12/6/2005	12/13/2016
U 53	YC36800	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/13/2005	12/6/2005	12/13/2016
U 54	YC36801	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/13/2005	12/6/2005	12/13/2016
U 55	YC36802	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/13/2005	12/6/2005	12/13/2016
U 56	YC36803	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/13/2005	12/6/2005	12/13/2016
U 57	YC36804	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/13/2005	12/6/2005	12/13/2016
U 58	YC36805	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/13/2005	12/6/2005	12/13/2016
U 59	YC36766	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 60	YC36767	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 61	YC36768	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 62	YC36769	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 63	YC36770	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 64	YC36771	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 65	YC36772	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 66	YC36773	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 67	YC36774	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 68	YC36775	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 69	YC36776	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 70	YC36777	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 71	YC36778	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 72	YC36779	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/7/2005	12/9/2016
U 73	YC36780	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 74	YC36781	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 75	YC36782	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 76	YC36783	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 77	YC36784	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 78	YC36785	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 79	YC36786	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 80	YC36787	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 81	YC36788	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 82	YC36789	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 83	YC36790	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 84	YC36791	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 85	YC36792	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 86	YC36793	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 87	YC36794	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 88	YC36795	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 89	YC36796	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 90	YC36797	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	12/9/2005	12/6/2005	12/9/2016
U 91	YD48131	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 92	YD48132	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 93	YD48133	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 94	YD48134	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 95	YD48135	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 96	YD48136	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 97	YD48137	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 98	YD48138	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 99	YD48139	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 100	YD48140	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
U 101	YD48141	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 102	YD48142	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 103	YD48143	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 104	YD48144	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 105	YD48145	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 106	YD48146	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 107	YD48147	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 108	YD48148	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 109	YD48149	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 110	YD48150	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 111	YD48151	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 112	YD48152	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 113	YD48153	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 114	YD48154	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 115	YD48155	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 116	YD48156	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 117	YD48157	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
U 118	YD48158	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017

Appendix I.III – Bridget East

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 292	YE18032	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 293	YE18033	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 294	YE18034	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 295	YE18035	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 296	YE18036	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 297	YE18037	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 298	YE18038	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 299	YE18039	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 300	YE18040	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 302	YE18042	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 305	YE18045	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 306	YE18046	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 307	YE18047	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 308	YE18048	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 309	YE18049	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 310	YE18050	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 311	YE18051	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 312	YE18052	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 313	YE18053	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 314	YE18054	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 315	YE18055	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 316	YE18056	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 317	YE18057	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 318	YE18058	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 319	YE18059	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 320	YE18060	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 321	YE18061	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 322	YE18062	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 323	YE18063	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 324	YE18064	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 325	YE18065	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 326	YE18066	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 327	YE18067	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 328	YE18068	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 333	YE18073	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 334	YE18074	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 335	YE18075	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 336	YE18076	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 337	YE18077	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 338	YE18078	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 339	YE18079	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 340	YE18080	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 341	YE18081	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 342	YE18082	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 343	YE18083	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 344	YE18084	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 345	YE18085	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 346	YE18086	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 347	YE18087	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 348	YE18088	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 349	YE18089	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 350	YE18090	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 351	YE18091	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 352	YE18092	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 353	YE18093	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 354	YE18094	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 355	YE18095	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 356	YE18096	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 357	YE18097	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 358	YE18098	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 359	YE18099	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 360	YE18100	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 361	YE18101	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 362	YE18102	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 363	YE18103	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 364	YE18104	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 365	YE18105	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 366	YE18106	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 367	YE18107	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 368	YE18108	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 369	YE18109	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 370	YE18110	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 371	YE18111	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 372	YE18112	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 373	YE18113	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 374	YE18114	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 375	YE18115	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 376	YE18116	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 377	YE18117	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 378	YE18118	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 379	YE18119	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 380	YE18120	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 381	YE18121	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 382	YE18122	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 383	YE18123	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 384	YE18124	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 385	YE18125	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 386	YE18126	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 387	YE18127	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 388	YE18128	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 389	YE18129	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 390	YE18130	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 391	YE18131	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 392	YE18132	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 393	YE18133	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 394	YE18134	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 395	YE18135	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 396	YE18136	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 397	YE18137	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 398	YE18138	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 399	YE18139	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 400	YE18140	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 401	YE18141	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 402	YE18142	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 403	YE18143	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 404	YE18144	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 405	YE18145	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 406	YE18146	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 407	YE18147	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 408	YE18148	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 409	YE18149	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 410	YE18150	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 411	YE18151	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 412	YE18152	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 413	YE18153	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 414	YE18154	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 415	YE18155	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 416	YE18156	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 417	YE18157	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 418	YE18158	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 419	YE18159	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 420	YE18160	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 421	YE18161	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 422	YE18162	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 423	YE18163	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 424	YE18164	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 425	YE18165	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 426	YE18166	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 427	YE18167	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 428	YE18168	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 429	YE18169	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 430	YE18170	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 431	YE18171	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 432	YE18172	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 433	YE18173	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 434	YE18174	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 435	YE18175	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 436	YE18176	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 437	YE18177	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 438	YE18178	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 439	YE18179	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 440	YE18180	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 441	YE18181	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 442	YE18182	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 443	YE18183	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 444	YE18184	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 445	YE18185	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 446	YE18186	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 447	YE18187	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 448	YE18188	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 449	YE18189	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 450	YE18190	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 451	YE18191	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 452	YE18192	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 453	YE18193	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 454	YE18194	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 455	YE18195	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 456	YE18196	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 457	YE18197	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 458	YE18198	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 459	YE18199	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 460	YE18200	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 461	YE18201	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 462	YE18202	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 463	YE18203	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 464	YE18204	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 465	YE18205	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 466	YE18206	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 467	YE18207	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 468	YE18208	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 469	YE18209	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 470	YE18210	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 471	YE18211	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 472	YE18212	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 473	YE18213	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 474	YE18214	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 475	YE18215	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 476	YE18216	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 477	YE18217	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 478	YE18218	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 479	YE18219	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 480	YE18220	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 481	YE18221	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 482	YE18222	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 483	YE18223	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 484	YE18224	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 485	YE18225	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 486	YE18226	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 487	YE18227	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 488	YE18228	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 489	YE18229	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 490	YE18230	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 491	YE18231	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 492	YE18232	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 493	YE18233	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 494	YE18234	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 495	YE18235	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 496	YE18236	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 497	YE18237	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 498	YE18238	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 499	YE18239	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 500	YE18240	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 501	YE18241	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 502	YE18242	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 503	YE18243	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 504	YE18244	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 505	YE18245	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 506	YE18246	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 507	YE18247	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 508	YE18248	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 509	YE18249	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 510	YE18250	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 511	YE18251	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 512	YE18252	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 513	YE18253	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 514	YE18254	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 515	YE18255	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 516	YE18256	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 517	YE18257	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 518	YE18258	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 519	YE18259	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 520	YE18260	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 521	YE18261	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 522	YE18262	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 523	YE18263	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 524	YE18264	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 525	YE18265	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 526	YE18266	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 527	YE18267	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 528	YE18268	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 529	YE18269	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 530	YE18270	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 531	YE18271	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 532	YE18272	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 533	YE18273	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 534	YE18274	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 535	YE18275	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 536	YE18276	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 537	YE18277	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 538	YE18278	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 539	YE18279	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 540	YE18280	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 541	YE18281	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 542	YE18282	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017

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Cripple 543	YE18283	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 544	YE18284	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 545	YE18285	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 546	YE18286	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 547	YE18287	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 548	YE18288	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 549	YE18289	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 550	YE18290	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 551	YE18291	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 552	YE18292	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 553	YE18293	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 554	YE18294	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 555	YE18295	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 556	YE18296	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 557	YE18297	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 558	YE18298	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 559	YE18299	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 560	YE18300	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 561	YE18301	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 562	YE18302	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 563	YE18303	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 564	YE18304	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 565	YE18305	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 566	YE18306	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 567	YE18307	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 568	YE18308	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 569	YE18309	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 570	YE18310	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 571	YE18311	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 572	YE18312	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 573	YE18313	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 574	YE18314	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 575	YE18315	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 576	YE18316	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 577	YE18317	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 578	YE18318	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 579	YE18319	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 580	YE18320	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 581	YE18321	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 582	YE18322	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 583	YE18323	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 584	YE18324	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 585	YE18325	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 586	YE18326	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 587	YE18327	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 588	YE18328	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 589	YE18329	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 590	YE18330	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 591	YE18331	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 592	YE18332	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 593	YE18333	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 594	YE18334	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 595	YE18335	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 596	YE18336	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 597	YE18337	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 598	YE18338	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 599	YE18339	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 600	YE18340	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 601	YE18341	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 602	YE18342	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 603	YE18343	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 604	YE18344	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 605	YE18345	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 606	YE18346	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 607	YE18347	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 608	YE18348	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 609	YE18349	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 610	YE18350	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 611	YE18351	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 612	YE18352	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 613	YE18353	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 614	YE18354	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 615	YE18355	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 616	YE18356	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 617	YE18357	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 618	YE18358	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 619	YE18359	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 620	YE18360	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 621	YE18361	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 622	YE18362	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 623	YE18363	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 624	YE18364	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 625	YE18365	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 626	YE18366	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 627	YE18367	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 628	YE18368	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 629	YE18369	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 630	YE18370	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 631	YE18371	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 632	YE18372	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 633	YE18373	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 634	YE18374	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 635	YE18375	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 636	YE18376	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 637	YE18377	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 638	YE18378	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 639	YE18379	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 640	YE18380	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 641	YE18381	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 642	YE18382	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 643	YE18383	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 644	YE18384	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 645	YE18385	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 646	YE18386	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 647	YE18387	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 648	YE18388	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 649	YE18389	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 650	YE18390	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 651	YE18391	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 652	YE18392	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 653	YE18393	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 654	YE18394	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 655	YE18395	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 656	YE18396	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 657	YE18397	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 658	YE18398	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 659	YE18399	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 660	YE18400	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 661	YE18401	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 662	YE18402	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 663	YE18403	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 664	YE18404	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 665	YE18405	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 666	YE18406	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 667	YE18407	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 668	YE18408	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 669	YE18409	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 670	YE18410	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 671	YE18411	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 672	YE18412	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 673	YE18413	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 674	YE18414	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 675	YE18415	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 676	YE18416	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 677	YE18417	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 678	YE18418	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 679	YE18419	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 680	YE18420	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 681	YE18421	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 682	YE18422	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 683	YE18423	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 684	YE18424	Shawn Ryan - 100%	3/21/2011	3/9/2011	3/21/2017
Cripple 685	YE18425	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 686	YE18426	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 687	YE18427	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 688	YE18428	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 689	YE18429	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 690	YE18430	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 691	YE18431	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 692	YE18432	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 693	YE18433	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 694	YE18434	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 695	YE18435	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 696	YE18436	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 697	YE18437	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 698	YE18438	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 699	YE18439	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 700	YE18440	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 701	YE18441	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 702	YE18442	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 703	YE18443	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 704	YE18444	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 705	YE18445	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 706	YE18446	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 707	YE18447	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 708	YE18448	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 709	YE18449	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 710	YE18450	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 711	YE18451	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 712	YE18452	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 713	YE18453	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 714	YE18454	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 715	YE18455	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 716	YE18456	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 717	YE18457	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 718	YE18458	Shawn Ryan - 100%	3/21/2011	3/10/2011	3/21/2017
Cripple 719	YE18459	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 720	YE18460	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 721	YE18461	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 722	YE18462	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 723	YE18463	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 724	YE18464	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 725	YE18465	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017

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Cripple 726	YE18466	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 727	YE18467	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 728	YE18468	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 729	YE18469	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 730	YE18470	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 731	YE18471	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 732	YE18472	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 733	YE18473	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 734	YE18474	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 735	YE18475	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 736	YE18476	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 737	YE18477	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 738	YE18478	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 739	YE18479	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 740	YE18480	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 741	YE18481	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 742	YE18482	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 743	YE18483	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 744	YE18484	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 745	YE18485	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 746	YE18486	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 747	YE18487	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 748	YE18488	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 749	YE18489	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 750	YE18490	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 751	YE18491	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 752	YE18492	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 753	YE18493	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 754	YE18494	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 755	YE18495	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 756	YE18496	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 757	YE18497	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 758	YE18498	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 759	YE18499	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 760	YE18500	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 761	YD139229	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 762	YD139230	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 763	YD139231	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 764	YD139232	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 765	YD139233	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 766	YD139234	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 767	YD139235	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 768	YD139236	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 769	YD139237	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 770	YD139238	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 771	YD139239	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 772	YD139240	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 773	YD139241	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 774	YD139242	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 775	YD139243	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 776	YD139244	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 777	YD139245	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 778	YD139246	Shawn Ryan - 100%	3/13/2011	3/13/2011	3/13/2017
Cripple 779	YD139247	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 780	YD139248	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 781	YD139249	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 782	YD139250	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 783	YD139251	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 784	YD139252	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 785	YD139253	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 786	YD139254	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017

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Cripple 787	YD139255	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 788	YD139256	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 789	YD139257	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 790	YD139258	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 791	YD139259	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 792	YD139260	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 793	YD139261	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 794	YD139262	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 795	YD139263	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 796	YD139264	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 797	YD139265	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 798	YD139266	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 799	YD139267	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 800	YD139268	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 801	YD139269	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 802	YD139270	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 803	YD139271	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 804	YD139272	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 805	YD139273	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 806	YD139274	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 807	YD139275	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 808	YD139276	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 809	YD139277	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 810	YD139278	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 811	YD139279	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 812	YD139280	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 813	YD139281	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 814	YD139282	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 815	YD139283	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 816	YD139284	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 817	YD139285	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 818	YD139286	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 819	YD139287	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 820	YD139288	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 821	YD139289	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 822	YD139290	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 823	YD139291	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 824	YD139292	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 825	YD139293	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 826	YD139294	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 827	YD139295	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 828	YD139296	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 829	YD139297	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 830	YD139298	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 831	YD139299	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 832	YD139300	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 833	YD139301	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 834	YD139302	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 835	YD139303	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 836	YD139304	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 837	YD139305	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 838	YD139306	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 839	YD139307	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 840	YD139308	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 841	YD139309	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 842	YD139310	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 843	YD139311	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 844	YD139312	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 845	YD139313	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 846	YD139314	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 847	YD139315	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017

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Cripple 848	YD139316	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 849	YD139317	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 850	YD139318	Shawn Ryan - 100%	3/21/2011	3/11/2011	3/21/2017
Cripple 851	YD139319	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 852	YD139320	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 853	YD139321	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 854	YD139322	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 855	YD139323	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 856	YD139324	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 857	YD139325	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 858	YD139326	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 859	YD139327	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 860	YD139328	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 861	YD139329	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 862	YD139330	Shawn Ryan - 100%	3/11/2011	3/11/2011	3/11/2017
Cripple 863	YD139331	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 864	YD139332	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 865	YD139333	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 866	YD139334	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 867	YD139335	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 868	YD139336	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 869	YD139337	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 870	YD139338	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 871	YD139339	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 872	YD139340	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 873	YD139341	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 874	YD139342	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 875	YD139343	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 876	YD139344	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 877	YD139345	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 878	YD139346	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 879	YD139347	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 880	YD139348	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 881	YD139349	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 882	YD139350	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 883	YD139351	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 884	YD139352	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 885	YD139353	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 886	YD139354	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 887	YD139355	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 888	YD139356	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 889	YD139357	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 890	YD139358	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 891	YD139359	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 892	YD139360	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 893	YD139361	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 894	YD139362	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 895	YD139363	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 896	YD139364	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 897	YD139365	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 898	YD139366	Shawn Ryan - 100%	3/21/2011	3/12/2011	3/21/2017
Cripple 899	YD139367	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 900	YD139368	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 901	YD139369	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 902	YD139370	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 903	YD139371	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 904	YD139372	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 905	YD139373	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 906	YD139374	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 907	YD139375	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 908	YD139376	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
Cripple 909	YD139377	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 910	YD139378	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 911	YD139379	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 912	YD139380	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 913	YD139381	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 914	YD139382	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 915	YD139383	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 916	YD139384	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 917	YD139385	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 918	YD139386	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 919	YD139387	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 920	YD139388	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 921	YD139389	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 922	YD139390	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 923	YD139391	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 924	YD139392	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 925	YD139393	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 926	YD139394	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 927	YD139395	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 928	YD139396	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 929	YD139397	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 930	YD139398	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 931	YD139399	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 932	YD139400	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 933	YD46982	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 934	YD46983	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 935	YD46984	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 936	YD46985	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 937	YD46986	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 938	YD46987	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 939	YD46988	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 940	YD46964	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 941	YD46965	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 942	YD46966	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 943	YD46967	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 944	YD46968	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 945	YD46969	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 946	YD46970	Shawn Ryan - 100%	3/21/2011	3/8/2011	3/21/2017
Cripple 947	YD46971	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 948	YD46972	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 949	YD46973	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 950	YD46974	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 951	YD46975	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 952	YD46976	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 953	YD46977	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 954	YD46978	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 955	YD46979	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 956	YD46980	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Cripple 957	YD46981	Shawn Ryan - 100%	3/21/2011	3/13/2011	3/21/2017
Hayes 1317	YE23917	Ethos Capital Corp. - 100%	6/27/2011	6/18/2011	6/27/2017
Hayes 1318	YE23918	Ethos Capital Corp. - 100%	6/27/2011	6/18/2011	6/27/2017
Hayes 1319	YE23919	Ethos Capital Corp. - 100%	6/27/2011	6/18/2011	6/27/2017
Hayes 1320	YE23920	Ethos Capital Corp. - 100%	6/27/2011	6/18/2011	6/27/2017
Hayes 1321	YE23921	Ethos Capital Corp. - 100%	6/27/2011	6/18/2011	6/27/2017
Hayes 1322	YE23922	Ethos Capital Corp. - 100%	6/27/2011	6/18/2011	6/27/2017
W 1	YD48159	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 2	YD48160	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 3	YD48161	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 4	YD48162	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 5	YD48163	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 6	YD48164	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017

Claim Name	Grant Number	Claim Owner	Recording Date	Staking Date	Expiry Date
W 7	YD48165	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 8	YD48166	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 9	YD48167	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 10	YD48168	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 11	YD48169	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 12	YD48170	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 13	YD48171	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 14	YD48172	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 15	YD48173	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 16	YD48174	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 17	YD48175	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 18	YD48176	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 19	YD48177	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 20	YD48178	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 21	YD48179	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 22	YD48180	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 23	YD48181	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 24	YD48182	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 25	YD48183	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 26	YD48184	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 27	YD48185	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017
W 28	YD48186	Shawn Ryan - 70%, Wildwood Exploration Inc. - 30%	4/26/2010	4/11/2010	4/26/2017

Appendix II - Soil Sample Locations and Descriptions

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1009001	PED	7	621088	6976937	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1009002	PED	7	621088	6976937	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1009003	PED	7	621160	6976868	6/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1009004	PED	7	621227	6976791	6/2/2011	Reddish Brown	Clay	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Coarse	
1009005	PED	7	621289	6976705	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1009006	PED	7	621326	6976671	6/4/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1009007	PED	7	621119	6978896	6/3/2011	Dark Brown	Gravel	Damp	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1009008	PED	7	621146	6978797	6/3/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1009009	PED	7	621196	6978710	6/3/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1009010	PED	7	621261	6978635	6/3/2011	Dark Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Quartz Chips	Rocky
1009011	PED	7	621309	6978547	6/3/2011	Dark Brown	Gravel	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1009012	PED	7	621354	6978457	6/3/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Poplar	Leaf Cover	Good	Coarse	Clay
1009013	PED	7	621412	6978376	6/3/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1009014	PED	7	628674	6974158	6/5/2011	Chocolate Brown	Gravel	Wet	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Mud
1009015	PED	7	628641	6974063	6/5/2011	Chocolate Brown	Gravel	Wet	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	Small Sample
1009016	PED	7	628605	6973970	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Big Round Boulders	Organic 10%
1009017	PED	7	628570	6973878	6/5/2011	Chocolate Brown	Gravel	Wet	Flat	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Big Round Boulders	Rocky
1009018	PED	7	628530	6973786	6/5/2011	Dark Brown	Clay	Wet	Subtle Slope	80	C	Poplar	Leaf Cover	Good	Coarse	Mud
1009019	PED	7	628498	6973692	6/5/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Coarse	Wet Soil
1009020	PED	7	628469	6973595	6/5/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Poplar	Thin Moss Cover	Good	Rocky	Coarse
1009021	PED	7	628447	6973498	6/5/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Partially Frozen
1009022	PED	7	628431	6973399	6/5/2011	Reddish Yellow	Gravel	Damp	Flat	30	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Coarse
1009023	PED	7	628429	6973299	6/5/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	Coarse
1009024	PED	7	628418	6973095	6/5/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Poplar	Thin Moss Cover	Poor	Rocky	Quartz Chips
1009025	PED	7	628387	6972999	6/5/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Small Sample
1009026	PED	7	628345	6972908	6/5/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	Coarse
1009027	PED	7	628307	6972814	6/5/2011	Chocolate Brown	Gravel	Wet	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Clay
1009028	PED	7	628287	6972717	6/5/2011	Reddish Yellow	Gravel	Wet	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Big Round Boulders
1009029	PED	7	630882	6973543	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1009031	PED	7	629680	6974957	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	B	Alders	Reindeer Moss	Good	Wet Soil	Mud
1009032	PED	7	629693	6975005	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Alders	Sphagnum Moss < 30cm	Poor	Wet Soil	Mud
1009033	PED	7	630864	6973692	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1009034	PED	7	614337	6984282	6/6/2011	Reddish Brown	Clay	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1009035	PED	7	614369	6984179	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1009036	PED	7	631027	6974266	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Reindeer Moss	Excellent	Coarse	
1009037	PED	7	630980	6974177	6/8/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	Black Spruce	Reindeer Moss	Excellent	Coarse	Mud
1009038	PED	7	629707	6975054	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Alders	Sphagnum Moss < 30cm	Good	Mud	Wet Soil
1009039	PED	7	630874	6973593	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009040	PED	7	629719	6975102	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	Alders	Sphagnum Moss < 30cm	Poor	Organic 25%	Mud
1009041	PED	7	614277	6984576	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Old Burn	Bare Soil	Good	Sand	Organic 10%
1009042	PED	7	614311	6984774	6/6/2011	Reddish Yellow	Sand	Damp	Subtle Slope	60	C	White Spruce	Needle Cover	Excellent	Clay	Fine
1009043	PED	7	614384	6984958	6/6/2011	Greyish Green	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1009044	PED	7	614452	6985155	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1009045	PED	7	614512	6985342	6/6/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1009046	PED	7	614258	6984473	6/6/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	70	C	Old Burn	Bare Soil	Excellent	Coarse	Clay
1009047	PED	7	614295	6984678	6/6/2011	Dark Olivine Green	Gravel	Dry	Subtle Slope	60	C	Old Burn	Bare Soil	Excellent	Sand	Coarse
1009048	PED	7	614344	6984866	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Partially Frozen
1009049	PED	7	614423	6985045	6/6/2011	Dark Olivine Green	Gravel	Dry	Flat	50	C	Poplar	Reindeer Moss	Excellent	Sand	Fine
1009050	PED	7	614470	6985251	6/6/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	White Spruce	Needle Cover	Good	Rocky	Mud
1009101	PED	7	616955	6978828	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Old Burn	Burnt Moss	Good	Coarse	
1009102	PED	7	616910	6978804	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	
1009103	PED	7	616860	6978796	7/2/2011	Reddish Yellow	Sand	Dry	Flat	50	C	Old Burn	Leaf Cover	Excellent	Fine	Sandy
1009104	PED	7	616810	6978783	7/2/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Excellent	Sandy	
1009105	PED	7	616761	6978781	7/2/2011	Chocolate Brown	Sand	Dry	Flat	30	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1009106	PED	7	616711	6978781	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Birch Forest	Leaf Cover	Good		
1009107	PED	7	616661	6978787	7/2/2011	Chocolate Brown	Silt	Damp	Flat	30	B	Birch Forest	Leaf Cover	Good	Sandy	
1009108	PED	7	616611	6978795	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	Sandy
1009109	PED	7	616561	6978802	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Clay	
1009110	PED	7	616510	6978802	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Sandy	
1009111	PED	7	616459	6978805	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Clay	
1009112	PED	7	616409	6978803	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Old Burn	Burnt Moss	Good	Sandy	
1009113	PED	7	616358	6978812	7/2/2011	Grey	Clay	Damp	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1009114	PED	7	616306	6978809	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1009115	PED	7	616255	6978810	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Sandy	
1009116	PED	7	616205	6978809	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Sandy
1009117	PED	7	616155	6978808	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sandy	
1009118	PED	7	616103	6978805	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sandy	
1009151	PED	7	615477	6979628	7/2/2011	Dark Brown	Gravel	Dry	Subtle Slope	50	B	Old Burn	Thin Moss Cover	Good	Clay	Sandy
1009152	PED	7	615431	6979652	7/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	Old Burn	Needle Cover	Good	Sandy	
1009153	PED	7	615385	6979666	7/2/2011	Dark Brown	Clay	Dry	Flat	60	C	Old Burn	Thin Moss Cover	Good	Sandy	
1009154	PED	7	615339	6979688	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Needle Cover	Good		
1009155	PED	7	615295	6979712	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Old Burn	Needle Cover	Good	Coarse	Rocky
1009156	PED	7	615249	6979734	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Black Spruce	Needle Cover	Good	Sandy	
1009157	PED	7	615213	6979767	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Old Burn	Burnt Moss	Good	Sandy	
1009158	PED	7	615175	6979799	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Black Spruce	Needle Cover	Good	Sandy	Rocky
1009159	PED	7	615144	6979838	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	B	Old Burn	Burnt Moss	Good	Sandy	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1009160	PED	7	615107	6979873	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Old Burn	Thin Moss Cover	Poor	Rocky Terrain	Sandy
1009161	PED	7	615071	6979908	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Old Burn	Burnt Moss	Poor	Rocky Terrain	Sandy
1009162	PED	7	615050	6979954	7/2/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	Old Burn	Burnt Moss	Poor	Sandy	Rocky Terrain
1009163	PED	7	615028	6980000	7/2/2011	Bluish Grey	Gravel	Dry	Subtle Slope	50	B	Black Spruce	Raindeer Moss	Good	Sandy	
1009164	PED	7	615028	6980000	7/2/2011	Bluish Grey	Gravel	Dry	Subtle Slope	50	B	Black Spruce	Raindeer Moss	Good	Sandy	
1009767	PED	7	636451	6965991	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Birch Forest	Leaf Cover	Excellent	Sand	
1009768	PED	7	636470	6966039	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Good	Sand	
1009769	PED	7	636469	6966089	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1009770	PED	7	636613	6967026	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sand	
1009771	PED	7	636650	6967060	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Sand	
1009772	PED	7	636682	6967098	6/2/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Sand	
1009773	PED	7	636822	6968581	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Coarse	
1009774	PED	7	636914	6968619	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Poor	Sand	
1009775	PED	7	637349	6969868	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	White Spruce	Grass Cover	Good	Sand	
1009776	PED	7	637415	6969945	6/1/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Bare Soil	Good	Sand	
1009777	PED	7	637449	6969983	6/1/2011	Dark Olivine Green	Sand	Dry	Flat	40	C	Dwarf Birch	Bare Soil	Good	Sand	
1009778	PED	7	637560	6970093	6/1/2011	Reddish Yellow	Sand	Dry	Flat	60	B	Dwarf Birch	Thin Moss Cover	Good	Sand	
1009779	PED	7	637622	6970170	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Sand	
1009780	PED	7	637691	6970244	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Poplar	Thin Moss Cover	Good	Sand	
1009781	PED	7	637748	6970326	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Sand	
1009782	PED	7	637776	6970426	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Dwarf Birch	Leaf Cover	Good	Sand	
1009783	PED	7	637835	6970505	6/1/2011	Chocolate Brown	Silt	Damp	Flat	30	B	White Spruce	Thin Moss Cover	Poor	Rocky	
1009784	PED	7	637916	6970443	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Fine	
1009785	PED	7	637991	6970378	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Fine	
1009786	PED	7	638071	6970305	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Sand	
1009787	PED	7	638141	6970235	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Sand	
1009788	PED	7	638221	6970169	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	No Tree Cover	Thin Moss Cover	Good	Sand	
1009789	PED	7	638316	6970157	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Sand	
1009790	PED	7	638410	6970137	6/1/2011	Light Brown	Sand	Dry	Subtle Slope	50	B	Dwarf Birch	Leaf Cover	Good	Sand	
1009791	PED	7	634431	6972648	6/5/2011	Grey	Sand	Dry	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Clay	Coarse
1009792	PED	7	634455	6972692	6/5/2011	Grey	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Coarse	Clay
1009793	PED	7	634467	6972740	6/5/2011	Grey	Clay	Damp	Subtle Slope	60	B	Birch Forest	Leaf Cover	Poor	Sand	
1009794	PED	7	634488	6972786	6/5/2011	Grey	Sand	Dry	Subtle Slope	30	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1009795	PED	7	636466	6970205	6/6/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	
1009796	PED	7	636466	6970205	6/6/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	
1009797	PED	7	640593	6969671	6/7/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	Alders	Reindeer Moss	Good	Rocky	
1009798	PED	7	640575	6969627	6/7/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1009799	PED	7	640533	6969598	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1009801	PED	7	637338	6969853	6/1/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Birch Forest	Leaf Cover	Excellent	Sand	
1009802	PED	7	637305	6969816	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Leaf Cover	Excellent	Quartz Chips	
1009803	PED	7	637280	6969774	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1009804	PED	7	637296	6969723	6/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	90	B	Willows	Leaf Cover	Good	Mud	
1009805	PED	7	637303	6969673	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1009806	PED	7	637280	6969626	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1009807	PED	7	637264	6969579	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009808	PED	7	637221	6969550	6/1/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Organic 10%
1009809	PED	7	637170	6969548	6/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Coarse	
1009810	PED	7	637134	6969513	6/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009811	PED	7	637096	6969479	6/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009812	PED	7	637083	6969428	6/1/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	60	C	White Spruce	Leaf Cover	Excellent	Coarse	
1009813	PED	7	637067	6969380	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	
1009814	PED	7	637059	6969330	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1009815	PED	7	637048	6969281	6/1/2011	Chocolate Brown	Sand	Dry	Flat	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1009816	PED	7	637046	6969230	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1009817	PED	7	637050	6969180	6/1/2011	Dark Grey Black	Sand	Dry	Subtle Slope	50	C	White Spruce	Grass Cover	Good	Rocky	
1009818	PED	7	637047	6969130	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Bare Soil	Excellent	Coarse	
1009819	PED	7	637038	6969079	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Grass Cover	Excellent	Rocky	Coarse
1009820	PED	7	636989	6969068	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1009821	PED	7	636978	6969018	6/1/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1009822	PED	7	636984	6968967	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1009823	PED	7	637004	6968921	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009824	PED	7	637020	6968872	6/1/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1009825	PED	7	637028	6968823	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1009826	PED	7	637009	6968775	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	B	White Spruce	Needle Cover	Good	Rocky	
1009827	PED	7	637000	6968724	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009828	PED	7	635757	6974344	6/3/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Wet Soil	Partially Frozen
1009829	PED	7	635705	6974345	6/3/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Wet Soil	Partially Frozen
1009830	PED	7	635656	6974351	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Partially Frozen	Coarse
1009831	PED	7	635607	6974358	6/3/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen	
1009832	PED	7	635558	6974362	6/3/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen	
1009833	PED	7	635507	6974361	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Top layer	Partially Frozen
1009834	PED	7	635510	6974154	6/3/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	B	Willows	Sphagnum Moss < 30cm	Good	Partially Frozen	Organic 10%
1009835	PED	7	635492	6974201	6/3/2011	Chocolate Brown	Gravel	Wet	Flat	50	B	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Partially Frozen	
1009836	PED	7	635467	6974245	6/3/2011	Chocolate Brown	Gravel	Wet	Flat	60	B	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Partially Frozen	
1009837	PED	7	635441	6974287	6/3/2011	Chocolate Brown	Gravel	Wet	Flat	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Partially Frozen	
1009838	PED	7	635419	6974332	6/3/2011	Chocolate Brown	Gravel	Wet	Flat	40	C	No Tree Cover	Thin Moss Cover	Good	Partially Frozen	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1009839	PED	7	635457	6974364	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	No Tree Cover	Thin Moss Cover	Good	Top layer	Coarse
1009840	PED	7	635503	6974104	6/3/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Willows	Sphagnum Moss < 30cm	Good	Partially Frozen	
1009841	PED	7	635489	6974054	6/3/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	B	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	
1009851	PED	7	637852	6968649	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1009852	PED	7	637900	6968741	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Clay	
1009853	PED	7	637977	6968809	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Thin Moss Cover	Excellent	Sand	
1009854	PED	7	637940	6968771	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1009855	PED	7	635522	6973788	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1009856	PED	7	635514	6973838	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1009857	PED	7	635503	6973886	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	Small Sample
1009858	PED	7	635494	6973937	6/3/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1009859	PED	7	635483	6973984	6/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1009860	PED	7	635472	6974035	6/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1009861	PED	7	636756	6967174	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Excellent	Sand	
1009862	PED	7	636875	6967281	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1009863	PED	7	636881	6967326	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Excellent	Sand	
1009864	PED	7	636913	6967429	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1009865	PED	7	636987	6967505	6/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Clay	Quartz Chips
1009866	PED	7	636994	6967600	6/2/2011	Reddish Orange	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1009867	PED	7	637017	6967709	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Needle Cover	Excellent	Sand	
1009868	PED	7	637047	6967801	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Sand	
1009869	PED	7	637089	6967894	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1009870	PED	7	637166	6967964	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Alders	Leaf Cover	Good	Clay	Small Sample
1009871	PED	7	637228	6968047	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009872	PED	7	637320	6968081	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Excellent	Sand	
1009873	PED	7	637412	6968193	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009874	PED	7	637457	6968222	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Excellent	Sand	
1009875	PED	7	637542	6968275	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Sand	
1009876	PED	7	637583	6968375	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009877	PED	7	637658	6968440	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Sand	
1009878	PED	7	637714	6968522	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1009879	PED	7	637794	6968568	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Sand	
1009880	PED	7	637971	6969199	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1009881	PED	7	637981	6969303	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1009882	PED	7	637974	6969407	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Alders	Thin Moss Cover	Excellent	Coarse	
1009883	PED	7	637966	6969508	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Thin Moss Cover	Excellent	Coarse	
1009884	PED	7	637979	6969607	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Alders	Leaf Cover	Excellent	Coarse	
1009885	PED	7	638010	6969707	6/1/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	Alders	Thin Moss Cover	Good	Coarse	
1009886	PED	7	638029	6969795	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Alders	Leaf Cover	Excellent	Coarse	
1009887	PED	7	638071	6969895	6/1/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1009888	PED	7	638108	6969976	6/1/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Clay	
1009889	PED	7	638139	6970074	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1009890	PED	7	638233	6970096	6/1/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	White Spruce	Thin Moss Cover	Excellent	Rocky	
1009891	PED	7	638293	6970180	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	No Tree Cover	Thin Moss Cover	Excellent	Rocky	
1009901	PED	7	638268	6970136	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	
1009902	PED	7	638190	6970071	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Leaf Cover	Excellent	Sand	Coarse
1009903	PED	7	638120	6970023	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Dwarf Birch	Leaf Cover	Excellent	Sand	Coarse
1009904	PED	7	638091	6969935	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Alders	Leaf Cover	Excellent	Sand	Coarse
1009905	PED	7	638047	6969844	6/1/2011	Grey	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	Sand
1009906	PED	7	638015	6969749	6/1/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Alders	Leaf Cover	Excellent	Sand	
1009907	PED	7	637990	6969658	6/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Alders	Leaf Cover	Good	Sand	
1009908	PED	7	637970	6969558	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Alders	Leaf Cover	Excellent	Coarse	
1009909	PED	7	637978	6969458	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Sand	
1009910	PED	7	637978	6969458	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Sand	
1009911	PED	7	637977	6969360	6/1/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Clay	
1009912	PED	7	637980	6969250	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Alders	Sphagnum Moss < 30cm	Good	Sand	
1009913	PED	7	637973	6969147	6/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Sand	
1009914	PED	7	637977	6969050	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Excellent	Sand	
1009915	PED	7	637989	6968959	6/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	70	B	Poplar	Leaf Cover	Poor	Clay	
1009916	PED	7	637978	6968859	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Alders	Leaf Cover	Excellent	Clay	
1009917	PED	7	638001	6968707	6/2/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1009918	PED	7	638021	6968610	6/2/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	White Spruce	Thin Moss Cover	Good	Rocky	
1009919	PED	7	638063	6968520	6/2/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	
1009920	PED	7	638093	6968423	6/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1009921	PED	7	638087	6968324	6/2/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Clay	
1009922	PED	7	638057	6968233	6/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Transported Soil	
1009923	PED	7	638066	6968134	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1009924	PED	7	638071	6968030	6/2/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Sand	
1009925	PED	7	638072	6967926	6/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1009926	PED	7	638058	6967821	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009927	PED	7	638058	6967821	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1009928	PED	7	638046	6967714	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Fine	
1009929	PED	7	633772	6970574	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	100	C	Birch Forest	Leaf Cover	Excellent	Sand	
1009930	PED	7	633772	6970574	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	100	C	Birch Forest	Leaf Cover	Excellent	Sand	
1009931	PED	7	633785	6970526	6/4/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Poor	Loess	
1009932	PED	7	633791	6970477	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Rocky	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1009933	PED	7	633802	6970427	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	
1009934	PED	7	638006	6967302	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1009935	PED	7	638020	6967351	6/2/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Clay	
1009936	PED	7	638014	6967402	6/2/2011	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Alders	Bare Soil	Excellent	Coarse	
1009937	PED	7	638024	6967455	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Bare Soil	Excellent	Sand	Coarse
1009938	PED	7	638023	6967505	6/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	Poplar	Bare Soil	Excellent	Coarse	
1009939	PED	7	638031	6967555	6/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1009940	PED	7	638033	6967604	6/2/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1009941	PED	7	633743	6970926	6/4/2011	Chocolate Brown	Gravel	Damp	Steep	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	
1009942	PED	7	633743	6970926	6/4/2011	Chocolate Brown	Gravel	Damp	Steep	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	
1009943	PED	7	633753	6970877	6/4/2011	Greyish Green	Sand	Damp	Steep	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1009944	PED	7	633753	6970877	6/4/2011	Greyish Green	Sand	Damp	Steep	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1009945	PED	7	633754	6970825	6/4/2011	Grey	Clay	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 50%	
1009946	PED	7	633767	6970775	6/4/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	80	B	White Spruce	Sphagnum Moss < 30cm	Poor	Loess	
1009947	PED	7	633767	6970724	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	Birch Forest	Sphagnum Moss < 30cm	Good	Loess	
1009948	PED	7	633776	6970675	6/4/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	70	B	Birch Forest	Leaf Cover	Poor	Loess	
1009949	PED	7	633806	6970379	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Sand	
1009950	PED	7	634578	6971485	6/5/2011	Greyish Green	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Sand	
1009952	PED	7	638362	6970150	6/1/2011	Dark Blue Black	Gravel	Dry	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	
1009953	PED	7	638268	6970178	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	
1009954	PED	7	638180	6970204	6/1/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	
1009955	PED	7	638103	6970271	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	
1009956	PED	7	638031	6970345	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	
1009957	PED	7	637954	6970414	6/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Leaf Cover	Good	Fine	
1009959	PED	7	637866	6970472	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	
1009960	PED	7	637797	6970471	6/1/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	40	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	
1009961	PED	7	637759	6970379	6/1/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	
1009962	PED	7	637716	6970286	6/1/2011	Reddish Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	
1009963	PED	7	637657	6970208	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1009964	PED	7	637585	6970133	6/1/2011	Reddish Brown	Sand	Dry	Flat	50	C	Dwarf Birch	Bare Soil	Excellent	Sand	
1009965	PED	7	637525	6970053	6/1/2011	Reddish Brown	Sand	Dry	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1009966	PED	7	637494	6970019	6/1/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Excellent	Sand	
1009967	PED	7	637380	6969910	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Birch Forest	Leaf Cover	Excellent	Fine	
1009968	PED	7	636988	6968652	6/1/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Good	Quartz Chips	
1009969	PED	7	636874	6968604	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Sand	
1009979	PED	7	642809	6972563	6/12/2011	Chocolate Brown	Sand	Dry	Steep	30	C	Poplar	Grass Cover	Good	Fine	
1009980	PED	7	642774	6972527	6/12/2011	Chocolate Brown	Silt	Dry	Steep	40	C	Poplar	Grass Cover	Poor	Loess	
1009992	PED	7	637882	6968694	6/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Fine	
1009994	PED	7	637829	6968604	6/2/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Good	Sand	
1009995	PED	7	637752	6968539	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1009996	PED	7	637677	6968488	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1009997	PED	7	637615	6968410	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1009998	PED	7	637563	6968322	6/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sand	
1009999	PED	7	637498	6968246	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Leaf Cover	Excellent	Sand	
1010000	PED	7	637371	6968166	6/2/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Birch Forest	Leaf Cover	Excellent	Sand	
1010001	PED	7	635220	6978993	6/23/2011	Reddish Brown	Sand	Damp	Flat	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1010002	PED	7	635718	6978887	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010003	PED	7	635264	6978968	6/23/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010004	PED	7	635305	6978941	6/23/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	
1010005	PED	7	635355	6978936	6/23/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1010006	PED	7	635406	6978946	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010007	PED	7	635455	6978956	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Grass Cover	Good	Fine	
1010008	PED	7	635506	6978967	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Grass Cover	Good	Fine	
1010009	PED	7	635557	6978974	6/23/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Old Burn	Burnt Moss	Good	Coarse	
1010010	PED	7	635608	6978984	6/23/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010011	PED	7	635629	6978938	6/23/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010012	PED	7	635673	6978914	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1010013	PED	7	635760	6978835	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010014	PED	7	635791	6978793	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Dwarf Birch	Leaf Cover	Good	Coarse	Quartz Chips
1010015	PED	7	635824	6978756	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010016	PED	7	635850	6978713	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1010017	PED	7	635892	6978685	6/23/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1010018	PED	7	635935	6978658	6/23/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010019	PED	7	635989	6978648	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010020	PED	7	636041	6978633	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010021	PED	7	636092	6978627	6/23/2011	Reddish Orange	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010022	PED	7	636141	6978617	6/23/2011	Grey	Silt	Damp	Subtle Slope	100	B	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010023	PED	7	636191	6978620	6/23/2011	Grey	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1010024	PED	7	636242	6978627	6/23/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010025	PED	7	636291	6978637	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Black Spruce	Grass Cover	Excellent	Fine	Quartz Chips
1010026	PED	7	636341	6978645	6/23/2011	Dark Blue Black	Silt	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1010027	PED	7	636394	6978657	6/23/2011	Reddish Orange	Sand	Dry	Steep	50	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1010028	PED	7	636444	6978658	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	70	C	Dwarf Birch	Grass Cover	Excellent	Fine	Quartz Chips
1010029	PED	7	636495	6978652	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1010030	PED	7	636547	6978645	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1010031	PED	7	636597	6978639	6/23/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010032	PED	7	636646	6978631	6/23/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Poplar	Bare Soil	Good	Coarse	Talus
1010033	PED	7	636696	6978623	6/23/2011	Grey	Silt	Damp	Pronounced Slope	70	C	Poplar	Grass Cover	Good	Coarse	Quartz Chips
1010034	PED	7	636747	6978614	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1010035	PED	7	636747	6978614	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1010036	PED	7	636747	6978614	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1010037	PED	7	614856	6980941	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Dull Red Rust	Fine
1010038	PED	7	620218	6982822	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1010039	PED	7	620266	6982807	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1010040	PED	7	622400	6977002	6/30/2011	Light Brown	Gravel	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010041	PED	7	618808	6980959	6/27/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010042	PED	7	618757	6980954	6/27/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1010043	PED	7	618706	6980952	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky Sample
1010044	PED	7	618655	6980948	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Rocky Sample	Coarse
1010045	PED	7	618363	6980982	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010046	PED	7	619177	6981095	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1010047	PED	7	619221	6981120	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	Rocky
1010048	PED	7	619264	6981146	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1010049	PED	7	619344	6981201	6/27/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010051	PED	7	628853	6976533	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Outcrop Nearby
1010052	PED	7	628804	6976548	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Outcrop Nearby
1010053	PED	7	628754	6976540	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010054	PED	7	628703	6976539	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010055	PED	7	628653	6976545	6/21/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010056	PED	7	628602	6976549	6/21/2011	Chocolate Brown	Clay	Dry	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010057	PED	7	628552	6976552	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010058	PED	7	628504	6976532	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010059	PED	7	628456	6976550	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010060	PED	7	628405	6976549	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010061	PED	7	628354	6976555	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010062	PED	7	628304	6976552	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010063	PED	7	628254	6976560	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010064	PED	7	628206	6976546	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010065	PED	7	628156	6976544	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010066	PED	7	628106	6976546	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010067	PED	7	628055	6976549	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010068	PED	7	628005	6976554	6/21/2011	Chocolate Brown	Clay	Wet	Subtle Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010069	PED	7	627956	6976561	6/21/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010070	PED	7	627906	6976559	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Sample
1010071	PED	7	627854	6976554	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010072	PED	7	627804	6976552	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010073	PED	7	627755	6976565	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010074	PED	7	627755	6976565	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010075	PED	7	627704	6976567	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Partially Frozen	Rocky Terrain
1010076	PED	7	627603	6976562	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Mud	Coarse
1010077	PED	7	627555	6976545	6/21/2011	Dark Brown	Sand	Damp	Subtle Slope	70	B	Birch Forest	Rock Cover	Good	Coarse	Rocky Terrain
1010078	PED	7	627506	6976534	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010079	PED	7	627456	6976522	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010080	PED	7	627413	6976496	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010081	PED	7	627368	6976472	6/21/2011	Dark Blue Black	Gravel	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010082	PED	7	627321	6976453	6/21/2011	Light Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1010083	PED	7	627321	6976453	6/21/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1010084	PED	7	627273	6976436	6/21/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1010085	PED	7	627235	6976404	6/21/2011	Light Grey	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010086	PED	7	627235	6976404	6/21/2011	Light Grey	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010089	PED	7	630525	6971814	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010091	PED	7	619391	6981219	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010092	PED	7	625383	6978967	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Rocky Terrain
1010093	PED	7	625341	6978993	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen	Coarse
1010094	PED	7	625297	6979021	6/30/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	Wet Soil
1010098	PED	7	632598	6979195	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse
1010099	PED	7	632649	6979193	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Grass Cover	Good	Partially Frozen	Rocky Terrain
1010100	PED	7	632697	6979182	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Mud
1010101	PED	7	626887	6976278	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010102	PED	7	626934	6976296	6/21/2011	Light Brown	Gravel	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010103	PED	7	626981	6976314	6/21/2011	Light Brown	Sand	Wet	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1010104	PED	7	627030	6976329	6/21/2011	Light Brown	Sand	Damp	Steep	40	B	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1010105	PED	7	627078	6976342	6/21/2011	Light Brown	Sand	Dry	Steep	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1010106	PED	7	627228	6976351	6/21/2011	Light Brown	Sand	Damp	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010107	PED	7	627178	6976348	6/21/2011	Light Brown	Gravel	Damp	Steep	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010108	PED	7	627128	6976344	6/21/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010109	PED	7	627128	6976344	6/21/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky Terrain	Dull Red Rust
1010110	PED	7	627279	6976351	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Coarse
1010111	PED	7	627329	6976348	6/21/2011	Dark Blue Black	Gravel	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010112	PED	7	627380	6976347	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky Terrain
1010113	PED	7	627430	6976338	6/21/2011	Dark Brown	Sand	Dry	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1010114	PED	7	627480	6976329	6/21/2011	Dark Brown	Sand	Dry	Steep	30	A	Birch Forest	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010115	PED	7	627528	6976317	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Organic 10%	Rocky Terrain
1010116	PED	7	627578	6976308	6/21/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky Terrain
1010117	PED	7	627825	6976264	6/21/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Fine
1010118	PED	7	627876	6976261	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010119	PED	7	627926	6976259	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Outcrop Nearby
1010120	PED	7	628128	6976258	6/21/2011	Chocolate Brown	Sand	Wet	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010121	PED	7	628228	6976261	6/21/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010122	PED	7	627678	6976294	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Outcrop Nearby
1010123	PED	7	628178	6976260	6/21/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Coarse
1010124	PED	7	627727	6976285	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Coarse
1010125	PED	7	627628	6976302	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010126	PED	7	627977	6976258	6/21/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Coarse	Rocky Terrain
1010127	PED	7	628027	6976258	6/21/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010128	PED	7	628077	6976256	6/21/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Coarse
1010129	PED	7	628278	6976262	6/21/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010130	PED	7	627776	6976275	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010131	PED	7	625098	6972357	6/25/2011	Light Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010132	PED	7	625141	6972382	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Grass Cover	Good	Coarse	Rocky Terrain
1010133	PED	7	625171	6972422	6/25/2011	Light Brown	Gravel	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Sandy
1010134	PED	7	625206	6972458	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Sandy
1010135	PED	7	626710	6976185	6/21/2011	Reddish Brown	Gravel	Damp	Steep	50	B	Poplar	Sphagnum Moss < 30cm	Good	Outcrop Nearby	Rocky Terrain
1010136	PED	7	626755	6976209	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010138	PED	7	626798	6976234	6/21/2011	Chocolate Brown	Sand	Damp	Steep	40	B	Poplar	Leaf Cover	Good	Outcrop Nearby	Coarse
1010139	PED	7	626842	6976257	6/21/2011	Light Brown	Gravel	Damp	Steep	30	C	White Spruce	Thin Moss Cover	Good	Outcrop Nearby	Rocky Terrain
1010140	PED	7	605088	6983406	6/24/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	Clay
1010141	PED	7	605047	6983375	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rusty Rock Chip
1010142	PED	7	605014	6983338	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1010143	PED	7	604989	6983293	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010144	PED	7	604983	6983244	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1010145	PED	7	604955	6983201	6/24/2011	Reddish Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Sphagnum Moss < 30cm	Excellent	Dull Red Rust	Quartz Chips
1010146	PED	7	604957	6983151	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Fine	Quartz Chips
1010147	PED	7	604959	6983152	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Quartz Chips	Fine
1010148	PED	7	604930	6983107	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1010149	PED	7	604907	6983062	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Fine	Quartz Chips
1010150	PED	7	604896	6983014	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1010151	PED	7	627994	6979628	6/21/2011	Dark Brown	Clay	Wet	Flat	40	C	Dwarf Birch	Frost Boil	Good	Mud	Coarse
1010151	PED	7	627994	6979628	6/21/2011	Dark Brown	Clay	Wet	Flat	40	C	Dwarf Birch	Frost Boil	Good	Mud	Coarse
1010152	PED	7	627963	6979589	6/21/2011	Chocolate Brown	Clay	Damp	Flat	90	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Clay
1010152	PED	7	627963	6979589	6/21/2011	Chocolate Brown	Clay	Damp	Flat	90	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Clay
1010153	PED	7	627933	6979550	6/21/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Rock Cover	Good	Dull Red Rust	Rocky
1010153	PED	7	627933	6979550	6/21/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Rock Cover	Good	Dull Red Rust	Rocky
1010154	PED	7	627898	6979514	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1010154	PED	7	627898	6979514	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1010155	PED	7	627867	6979475	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	No Tree Cover	Rock Cover	Good	Coarse	Rocky Terrain
1010155	PED	7	627867	6979475	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	No Tree Cover	Rock Cover	Good	Coarse	Rocky Terrain
1010156	PED	7	627837	6979434	6/21/2011	Dark Blue Black	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Organic 10%
1010156	PED	7	627837	6979434	6/21/2011	Dark Blue Black	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Organic 10%
1010157	PED	7	627809	6979393	6/21/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1010157	PED	7	627809	6979393	6/21/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1010158	PED	7	627780	6979352	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Small Sample	Coarse
1010158	PED	7	627780	6979352	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Small Sample	Coarse
1010159	PED	7	627770	6979304	6/21/2011	Dark Brown	Clay	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Clay
1010160	PED	7	627754	6979256	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1010161	PED	7	627747	6979207	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Rock Cover	Excellent	Coarse	Clay
1010162	PED	7	627737	6979158	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1010163	PED	7	627721	6979111	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Rock Cover	Good	Coarse	Clay
1010164	PED	7	627710	6979062	6/21/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Partially Frozen	Coarse
1010165	PED	7	627701	6979012	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1010166	PED	7	627693	6978964	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1010167	PED	7	627683	6978914	6/21/2011	Dark Brown	Gravel	Wet	Subtle Slope	40	C	Dwarf Birch	Rock Cover	Excellent	Coarse	Mud
1010168	PED	7	627677	6978863	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1010169	PED	7	627666	6978814	6/21/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1010170	PED	7	627657	6978766	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Rock Cover	Good	Coarse	Rocky Terrain
1010171	PED	7	627654	6978716	6/21/2011	Dark Blue Black	Silt	Dry	Subtle Slope	40	B	No Tree Cover	Rock Cover	Poor	Frozen	Rocky Terrain
1010172	PED	7	627648	6978665	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	No Tree Cover	Rock Cover	Good	Coarse	Rocky
1010173	PED	7	627641	6978616	6/21/2011	Chocolate Brown	Clay	Wet	Flat	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Coarse	Mud
1010174	PED	7	627643	6978573	6/21/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Dwarf Birch	Rock Cover	Good	Mud	Coarse
1010175	PED	7	627599	6978550	6/21/2011	Chocolate Brown	Clay	Wet	Flat	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Mud	Coarse
1010176	PED	7	627554	6978527	6/21/2011	Chocolate Brown	Clay	Wet	Flat	50	B	Dwarf Birch	Thin Moss Cover	Good	Mud	Coarse
1010177	PED	7	627514	6978498	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Mud
1010178	PED	7	627514	6978498	6/21/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Mud
1010179	PED	7	627473	6978469	6/21/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Mud
1010180	PED	7	627431	6978441	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Partially Frozen	Clay
1010181	PED	7	627391	6978412	6/21/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010182	PED	7	627391	6978412	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Dull Red Rust	Rocky
1010183	PED	7	627348	6978387	6/21/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Dwarf Birch	Rock Cover	Poor	Organic 25%	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010184	PED	7	627307	6978357	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Clay
1010187	PED	7	615767	6980329	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010188	PED	7	615714	6980324	6/30/2011	Dark Brown	Clay	Wet	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Organic 25%
1010189	PED	7	628199	6971308	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010190	PED	7	628151	6971295	6/28/2011	Reddish Brown	Clay	Damp	Subtle Slope	30	B	Poplar	Sphagnum Moss < 30cm	Poor	Coarse	Rocky
1010191	PED	7	628105	6971274	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010194	PED	7	628062	6971238	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Grass Cover	Excellent	Fine	Sandy
1010195	PED	7	628062	6971238	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Grass Cover	Excellent	Fine	Sandy
1010196	PED	7	628027	6971202	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Grass Cover	Good	Coarse	Sandy
1010197	PED	7	627994	6971164	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010198	PED	7	627994	6971168	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010199	PED	7	627957	6971133	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1010200	PED	7	627957	6971133	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1010251	PED	7	617454	6974327	6/23/2011	Dark Brown	Sand	Dry	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1010252	PED	7	617406	6974310	6/23/2011	Chocolate Brown	Sand	Damp	Steep	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010253	PED	7	617360	6974291	6/23/2011	Dark Brown	Sand	Wet	Steep	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1010254	PED	7	617315	6974267	6/23/2011	Dark Brown	Sand	Dry	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1010255	PED	7	617270	6974246	6/23/2011	Dark Brown	Silt	Dry	Steep	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Loess	Fine
1010256	PED	7	617222	6974260	6/23/2011	Dark Brown	Sand	Damp	Steep	70	C	Black Spruce	Thin Moss Cover	Good	Fine	
1010257	PED	7	617174	6974218	6/23/2011	Dark Brown	Silt	Damp	Steep	40	B	Poplar	Thin Moss Cover	Poor	Clay	Organic 25%
1010258	PED	7	617128	6974197	6/23/2011	Dark Brown	Sand	Dry	Steep	70	C	Poplar	Sphagnum Moss > 30cm	Good	Fine	
1010259	PED	7	617084	6974169	6/23/2011	Light Brown	Silt	Dry	Steep	110	C	Black Spruce	Thin Moss Cover	Good	Fine	
1010260	PED	7	607279	6986552	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Organic 10%
1010261	PED	7	607328	6986559	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Organic 25%
1010262	PED	7	607377	6986568	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Sandy	Organic 10%
1010263	PED	7	607425	6986577	7/2/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Fine	
1010264	PED	7	607474	6986592	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Organic 10%
1010265	PED	7	618500	6974744	6/23/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Fine
1010266	PED	7	618463	6974709	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010267	PED	7	618432	6974670	6/23/2011	Dark Grey Black	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1010268	PED	7	618398	6974634	6/23/2011	Dark Brown	Gravel	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Sample	Loess
1010269	PED	7	618360	6974601	6/23/2011	Dark Brown	Sand	Wet	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010270	PED	7	618317	6974575	6/23/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	Rocky
1010271	PED	7	618272	6974551	6/23/2011	Light Brown	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1010272	PED	7	618271	6974552	6/23/2011	Light Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1010273	PED	7	618226	6974530	6/23/2011	Dark Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1010274	PED	7	618181	6974507	6/23/2011	Light Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010275	PED	7	618131	6974499	6/23/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1010276	PED	7	618081	6974490	6/23/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky Sample
1010277	PED	7	618030	6974483	6/23/2011	Dark Brown	Sand	Wet	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1010278	PED	7	617980	6974484	6/23/2011	Dark Brown	Sand	Damp	Steep	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1010279	PED	7	617930	6974484	6/23/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1010280	PED	7	617878	6974485	6/23/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010281	PED	7	617827	6974480	6/23/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1010282	PED	7	617777	6974469	6/23/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	Rocky
1010283	PED	7	617727	6974452	6/23/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine	
1010284	PED	7	617681	6974432	6/23/2011	Dark Brown	Sand	Dry	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1010285	PED	7	617638	6974406	6/23/2011	Chocolate Brown	Silt	Damp	Steep	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Loess	Fine
1010286	PED	7	617589	6974389	6/23/2011	Dark Brown	Sand	Damp	Steep	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010287	PED	7	617546	6974366	6/23/2011	Dark Brown	Clay	Damp	Steep	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Rocky Terrain
1010288	PED	7	617497	6974354	6/23/2011	Dark Brown	Sand	Dry	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1010289	PED	7	616291	6982100	6/27/2011	Dark Olivine Green	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1010290	PED	7	616243	6982083	6/27/2011	Dark Olivine Green	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1010291	PED	7	616196	6982068	6/27/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1010292	PED	7	616148	6982054	6/27/2011	Reddish Orange	Silt	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	Bright Orange Rust
1010293	PED	7	616098	6982043	6/27/2011	Yellow	Silt	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1010294	PED	7	616051	6982027	6/27/2011	Dark Olivine Green	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	Rocky Terrain
1010295	PED	7	616001	6982021	6/27/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Fine	Rocky Terrain
1010296	PED	7	615953	6982006	6/27/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	Rocky Terrain
1010297	PED	7	615899	6981989	6/27/2011	Light Brown	Silt	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1010298	PED	7	615852	6981968	6/27/2011	Light Brown	Silt	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Fine	Dull Red Rust
1010299	PED	7	615805	6981948	6/27/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	100	C	Poplar	Leaf Cover	Excellent	Coarse	
1010300	PED	7	615760	6981925	6/27/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1010301	PED	7	635168	6979070	6/23/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	No Tree Cover	Thin Moss Cover	Good	Fine	
1010302	PED	7	635216	6979058	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Pine	Thin Moss Cover	Good	Coarse	
1010303	PED	7	635264	6979047	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Pine	Thin Moss Cover	Good	Coarse	Rocky Terrain
1010304	PED	7	635314	6979048	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Good	Rocky	
1010305	PED	7	635360	6979029	6/23/2011	Light Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Rocky Terrain	
1010306	PED	7	635401	6979000	6/23/2011	Light Brown	Sand	Damp	Subtle Slope	50	B	Old Burn	Bare Soil	Good	Coarse	Organic 10%
1010307	PED	7	635450	6978996	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Bare Soil	Good	Coarse	Rocky Sample
1010308	PED	7	635498	6979007	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Old Burn	Bare Soil	Good	Organic 25%	
1010309	PED	7	635544	6979027	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Old Burn	Bare Soil	Good	Organic 10%	
1010310	PED	7	635582	6979059	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Old Burn	Bare Soil	Good	Rocky Sample	
1010311	PED	7	635630	6979072	6/23/2011	Light Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Bare Soil	Good	Fine	
1010312	PED	7	635679	6979083	6/23/2011	Light Brown	Sand	Damp	Subtle Slope	80	C	Old Burn	Bare Soil	Good	Coarse	Rocky Sample
1010313	PED	7	635728	6979093	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Old Burn	Bare Soil	Good	Coarse	Rocky Sample

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010314	PED	7	635767	6979123	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Old Burn	Bare Soil	Good	Coarse	Rocky Sample
1010315	PED	7	635809	6979151	6/23/2011	Grey	Gravel	Damp	Subtle Slope	70	C	Old Burn	Bare Soil	Good	Rocky Sample	
1010316	PED	7	635854	6979172	6/23/2011	Dark Blue Black	Sand	Damp	Subtle Slope	80	C	Old Burn	Bare Soil	Excellent	Coarse	
1010317	PED	7	635854	6979172	6/23/2011	Dark Blue Black	Sand	Damp	Subtle Slope	80	C	Old Burn	Bare Soil	Excellent	Coarse	
1010318	PED	7	635902	6979187	6/23/2011	Light Brown	Gravel	Damp	Subtle Slope	30	B	Old Burn	Bare Soil	Poor	Rocky Sample	Rocky
1010319	PED	7	635948	6979202	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Old Burn	Bare Soil	Good	Organic 10%	
1010320	PED	7	635997	6979213	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Old Burn	Bare Soil	Good	Organic 10%	Rocky Sample
1010321	PED	7	636047	6979219	6/23/2011	Light Brown	Sand	Damp	Subtle Slope	40	B	Old Burn	Grass Cover	Good	Rocky Sample	
1010322	PED	7	636094	6979237	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Old Burn	Bare Soil	Good	Fine	
1010323	PED	7	636144	6979243	6/23/2011	Light Bluish Grey	Sand	Dry	Subtle Slope	50	C	Old Burn	Bare Soil	Excellent	Sandy	
1010324	PED	7	636193	6979234	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Bare Soil	Good	Coarse	
1010325	PED	7	636238	6979209	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Old Burn	Bare Soil	Good	Rocky Sample	Organic 10%
1010326	PED	7	636285	6979194	6/23/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Old Burn	Bare Soil	Good	Coarse	
1010327	PED	7	636330	6979172	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Birch Forest	Thin Moss Cover	Good	Coarse	Rocky Sample
1010328	PED	7	636373	6979149	6/23/2011	Chocolate Brown	Sand	Dry	Flat	50	B	Poplar	Leaf Cover	Good	Coarse	Rocky Sample
1010329	PED	7	636419	6979129	6/23/2011	Light Brown	Sand	Damp	Flat	40	B	Poplar	Leaf Cover	Good	Rocky Sample	
1010330	PED	7	636458	6979097	6/23/2011	Light Brown	Gravel	Damp	Flat	40	B	Poplar	Thin Moss Cover	Good	Coarse	
1010332	PED	7	620286	6981511	6/25/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Good	Rocky Terrain	
1010333	PED	7	620250	6981475	6/25/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Rocky
1010334	PED	7	620209	6981448	6/25/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Clay	
1010335	PED	7	620167	6981417	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1010336	PED	7	620130	6981383	6/25/2011	Dark Brown	Silt	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky Terrain
1010337	PED	7	620085	6981362	6/25/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Clay	Rocky Terrain
1010338	PED	7	620041	6981336	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010339	PED	7	620000	6981309	6/25/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky Terrain
1010344	PED	7	622569	6973454	6/27/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010345	PED	7	622587	6973407	6/27/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Leaf Cover	Excellent	Fine	
1010346	PED	7	622591	6973357	6/27/2011	Reddish Yellow	Gravel	Dry	Flat	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010347	PED	7	622608	6973310	6/27/2011	Chocolate Brown	Silt	Damp	Flat	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1010348	PED	7	622612	6973260	6/27/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1010349	PED	7	622626	6973212	6/27/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1010350	PED	7	622641	6973165	6/27/2011	Reddish Orange	Clay	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample	
1010351	PED	7	616369	6975761	6/23/2011	Light Brown	Clay	Damp	Flat	50	C	Old Burn	Burnt Moss	Good	Clay	Rocky Terrain
1010352	PED	7	616390	6975715	6/23/2011	Reddish Yellow	Silt	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Fine	
1010353	PED	7	616408	6975670	6/23/2011	Light Brown	Clay	Damp	Flat	40	C	Dwarf Birch	Grass Cover	Good	Rocky	
1010354	PED	7	616423	6975622	6/23/2011	Light Brown	Clay	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Good	Rocky Terrain	Clay
1010355	PED	7	616450	6975580	6/23/2011	Reddish Orange	Gravel	Damp	Subtle Slope	70	C	Willows	Grass Cover	Excellent	Coarse	
1010356	PED	7	616450	6975580	6/23/2011	Reddish Orange	Gravel	Damp	Subtle Slope	70	C	Willows	Grass Cover	Excellent	Coarse	
1010357	PED	7	616468	6975532	6/23/2011	Light Brown	Clay	Damp	Subtle Slope	60	C	Willows	Grass Cover	Good	Rocky Terrain	
1010358	PED	7	616494	6975490	6/23/2011	Reddish Orange	Clay	Damp	Subtle Slope	70	C	Willows	Grass Cover	Good	Coarse	
1010359	PED	7	616517	6975445	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Willows	Grass Cover	Good	Rocky Terrain	Rocky Sample
1010360	PED	7	616547	6975405	6/23/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Willows	Grass Cover	Excellent	Fine	
1010361	PED	7	616571	6975361	6/23/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Grass Cover	Good	Fine	Rocky Terrain
1010362	PED	7	616609	6975329	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Dwarf Birch	Grass Cover	Poor	Rocky Terrain	Rocky Sample
1010363	PED	7	616641	6975290	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Poplar	Grass Cover	Poor	Rocky Terrain	Rocky Sample
1010364	PED	7	616665	6975247	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Rocky Terrain	
1010365	PED	7	616684	6975202	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Grass Cover	Good	Coarse	Rocky Terrain
1010366	PED	7	616712	6975161	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1010367	PED	7	616736	6975117	6/23/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Good	Rocky Terrain	
1010368	PED	7	616747	6975071	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	No Tree Cover	Thin Moss Cover	Good	Rocky Terrain	Rocky Sample
1010369	PED	7	616770	6975020	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Rocky Terrain	
1010370	PED	7	616787	6974974	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	80	C	Poplar	Grass Cover	Good	Coarse	
1010371	PED	7	616808	6974928	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1010372	PED	7	616821	6974880	6/23/2011	Dark Olivine Green	Silt	Damp	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Fine	
1010373	PED	7	616840	6974833	6/23/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Rocky Terrain	
1010374	PED	7	616857	6974786	6/23/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Rocky Terrain	
1010375	PED	7	616870	6974736	6/23/2011	Light Bluish Grey	Silt	Damp	Pronounced Slope	80	C	White Spruce	Needle Cover	Excellent	Clay	
1010376	PED	7	616893	6974691	6/23/2011	Light Brown	Silt	Dry	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010377	PED	7	616918	6974647	6/23/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010378	PED	7	616951	6974609	6/23/2011	Greyish Green	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1010379	PED	7	616981	6974569	6/23/2011	Greyish Green	Sand	Damp	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Outcrop Nearby
1010380	PED	7	617074	6974587	6/23/2011	Light Brown	Silt	Dry	Steep	60	C	White Spruce	Needle Cover	Poor	Loess	Fine
1010381	PED	7	606820	6983546	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1010382	PED	7	606783	6983513	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Good	Fine	
1010383	PED	7	606747	6983476	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1010384	PED	7	606712	6983440	6/24/2011	Chocolate Brown	Silt	Damp	Subtle Slope	90	C	Birch Forest	Leaf Cover	Excellent	Fine	
1010385	PED	7	606712	6983440	6/24/2011	Chocolate Brown	Silt	Damp	Subtle Slope	90	C	Birch Forest	Leaf Cover	Excellent	Fine	
1010386	PED	7	606669	6983407	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	C	Poplar	Leaf Cover	Poor	Possible Creek Contamination	
1010387	PED	7	606560	6983306	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Wet Soil
1010388	PED	7	606517	6983281	6/24/2011	Dark Brown	Clay	Wet	Subtle Slope	20	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Possible Creek Contamination
1010389	PED	7	606485	6983243	6/24/2011	Dark Brown	Clay	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Mud
1010390	PED	7	617030	6974576	6/23/2011	Chocolate Brown	Silt	Damp	Steep	70	C	White Spruce	Thin Moss Cover	Good	Fine	
1010391	PED	7	627823	6971081	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Quartz Chips
1010392	PED	7	627774	6971073	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	Sandy
1010393	PED	7	627724	6971069	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Coarse
1010394	PED	7	627676	6971063	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010395	PED	7	627626	6971059	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Fine
1010396	PED	7	627576	6971058	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Grass Cover	Excellent	Coarse	Rocky Terrain
1010397	PED	7	627526	6971059	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	B	Poplar	Grass Cover	Good	Coarse	Mud
1010398	PED	7	627476	6971060	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Good	Fine	Sandy
1010399	PED	7	627426	6971067	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Poplar	Grass Cover	Good	Fine	Sandy
1010400	PED	7	627378	6971078	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1010401	PED	7	636808	6977282	6/23/2011	Dark Grey Black	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1010402	PED	7	636849	6977254	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010403	PED	7	636889	6977222	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010404	PED	7	636933	6977198	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1010405	PED	7	636973	6977167	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010406	PED	7	637017	6977145	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010407	PED	7	637059	6977118	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1010408	PED	7	637098	6977086	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Bare Soil	Excellent	Coarse	Rocky Terrain
1010409	PED	7	637135	6977052	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1010410	PED	7	637171	6977016	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010411	PED	7	637212	6976990	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1010412	PED	7	637257	6976968	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010413	PED	7	637304	6976950	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1010414	PED	7	637350	6976933	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1010415	PED	7	637397	6976916	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1010416	PED	7	637445	6976901	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Coarse	
1010417	PED	7	638031	6976788	6/23/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010418	PED	7	637488	6976878	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Poplar	Needle Cover	Good	Coarse	Rocky Terrain
1010419	PED	7	637538	6976872	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010420	PED	7	637586	6976857	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1010421	PED	7	637635	6976847	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010422	PED	7	637684	6976842	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1010423	PED	7	637733	6976828	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Coarse	Rocky Terrain
1010424	PED	7	637782	6976823	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1010425	PED	7	637832	6976819	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010426	PED	7	637881	6976812	6/23/2011	Reddish Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1010427	PED	7	637932	6976805	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010428	PED	7	637980	6976794	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1010429	PED	7	638131	6976784	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1010430	PED	7	638081	6976783	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1010431	PED	7	638279	6976804	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1010432	PED	7	638180	6976800	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Poplar	Sphagnum Moss < 30cm	Poor	Coarse	
1010433	PED	7	638229	6976803	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010434	PED	7	638279	6976804	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1010435	PED	7	638293	6976805	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1010436	PED	7	630642	6972036	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010437	PED	7	630613	6971994	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	80	C	Birch Forest	Grass Cover	Excellent	Coarse	Rocky Sample
1010438	PED	7	630590	6971949	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Sample
1010439	PED	7	630571	6971904	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1010440	PED	7	630549	6971859	6/24/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Sample	Rocky Terrain
1010441	PED	7	627068	6972017	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010442	PED	7	627020	6972001	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010443	PED	7	627020	6972001	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010445	PED	7	626976	6971976	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1010446	PED	7	626932	6971952	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010447	PED	7	626932	6971952	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010448	PED	7	626888	6971930	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010449	PED	7	626888	6971930	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010450	PED	7	626844	6971906	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	100	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1010459	PED	7	615943	6976435	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Grass Cover	Excellent	Fine	Rocky
1010460	PED	7	615904	6976403	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Dull Red Rust	Rocky
1010461	PED	7	615857	6976381	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010462	PED	7	615820	6976348	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010463	PED	7	615775	6976325	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010464	PED	7	615738	6976291	6/23/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip	Coarse
1010465	PED	7	615694	6976266	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rusty Rock Chip
1010466	PED	7	615655	6976234	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010467	PED	7	615617	6976201	6/23/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	
1010468	PED	7	615579	6976170	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010469	PED	7	615545	6976132	6/23/2011	Chocolate Brown	Clay	Damp	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1010470	PED	7	615507	6976099	6/23/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rusty Rock Chip
1010471	PED	7	615468	6976066	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Rocky	Coarse
1010472	PED	7	615427	6976036	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010473	PED	7	615391	6976001	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1010474	PED	7	615359	6975962	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Clay	Sandy
1010475	PED	7	615322	6975929	6/23/2011	Reddish Brown	Clay	Damp	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Good	Rocky	Sandy
1010476	PED	7	615292	6975888	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Rusty Rock Chip
1010477	PED	7	615255	6975854	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	Clay
1010478	PED	7	615216	6975821	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1010479	PED	7	615167	6975809	6/23/2011	Chocolate Brown	Sand	Damp	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010480	PED	7	615117	6975803	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Rocky	Coarse
1010481	PED	7	615067	6975796	6/23/2011	Dark Grey Black	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010482	PED	7	615016	6975795	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1010483	PED	7	614966	6975794	6/23/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1010484	PED	7	614917	6975783	6/23/2011	Chocolate Brown	Sand	Wet	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Wet Soil
1010485	PED	7	614869	6975769	6/23/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Wet Soil
1010486	PED	7	614830	6975737	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1010487	PED	7	614819	6975688	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1010488	PED	7	614810	6975639	6/23/2011	Chocolate Brown	Sand	Damp	Steep	60	C	Poplar	Leaf Cover	Good	Coarse	Clay
1010489	PED	7	614818	6975638	6/23/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Poplar	Leaf Cover	Good	Coarse	Clay
1010490	PED	7	614809	6975589	6/23/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	Sandy
1010491	PED	7	614789	6975543	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1010492	PED	7	614775	6975494	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	Clay
1010493	PED	7	617161	6981881	6/25/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1010494	PED	7	617123	6981850	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Thin Moss Cover	Excellent	Fine	Rocky
1010495	PED	7	622643	6973115	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Good	Fine	Rocky
1010496	PED	7	622638	6973066	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Thin Moss Cover	Excellent	Fine	
1010497	PED	7	622679	6973037	6/27/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	110	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1010498	PED	7	622679	6973037	6/27/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	110	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1010499	PED	7	622719	6973007	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Birch Forest	Leaf Cover	Excellent	Fine	
1010500	PED	7	622768	6972993	6/27/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Thin Moss Cover	Excellent	Fine	
1010551	PED	7	606811	6977653	6/19/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	White Spruce	Thin Moss Cover	Good	Organic 10%	
1010552	PED	7	606768	6977680	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Thin Moss Cover	Good	Rocky	
1010553	PED	7	606730	6977712	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Fine	Rocky Sample
1010554	PED	7	606685	6977733	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky Sample
1010555	PED	7	606641	6977758	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky Sample
1010556	PED	7	606599	6977784	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Poor	Organic 10%	Rocky Sample
1010557	PED	7	606555	6977811	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1010558	PED	7	606506	6977820	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Organic 10%	Rocky Sample
1010559	PED	7	606457	6977837	6/19/2011	Chocolate Brown	Sand	Damp	Flat	50	B	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky Sample
1010560	PED	7	606415	6977864	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky Sample	
1010561	PED	7	606368	6977885	6/19/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Fine	
1010562	PED	7	606318	6977894	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	B	Poplar	Leaf Cover	Good	Fine	
1010563	PED	7	606271	6977912	6/19/2011	Reddish Orange	Sand	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Sample
1010564	PED	7	606222	6977930	6/19/2011	Reddish Yellow	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Good	Sandy	
1010565	PED	7	606222	6977930	6/19/2011	Reddish Yellow	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Good	Sandy	
1010566	PED	7	606177	6977956	6/19/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	B	White Spruce	Thin Moss Cover	Good	Organic 10%	Coarse
1010567	PED	7	606135	6977983	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Good	Fine	
1010568	PED	7	606104	6978024	6/19/2011	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Organic 10%	
1010569	PED	7	606054	6978034	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Sample
1010570	PED	7	606005	6978046	6/19/2011	Reddish Orange	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Sample
1010571	PED	7	605955	6978063	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010572	PED	7	605905	6978074	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Coarse	
1010573	PED	7	605856	6978065	6/19/2011	Light Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Sample
1010574	PED	7	605809	6978082	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Organic 10%	
1010575	PED	7	605758	6978075	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Birch Forest	Leaf Cover	Good	Fine	Organic 10%
1010576	PED	7	605708	6978064	6/19/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1010577	PED	7	605658	6978073	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010578	PED	7	605610	6978090	6/19/2011	Light Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky Sample	
1010579	PED	7	605580	6978132	6/19/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010580	PED	7	605548	6978170	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1010581	PED	7	605499	6978193	6/19/2011	Bluish Grey	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Sample
1010582	PED	7	605449	6978193	6/19/2011	Light Brown	Sand	Dry	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1010583	PED	7	605449	6978193	6/19/2011	Light Brown	Sand	Dry	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1010586	PED	7	620917	6981920	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Fine
1010587	PED	7	620873	6981896	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Rocky Terrain	Clay
1010588	PED	7	620827	6981873	6/25/2011	Light Brown	Clay	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Wet Soil
1010589	PED	7	620781	6981850	6/25/2011	Light Brown	Clay	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Wet Soil
1010590	PED	7	620745	6981820	6/25/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Rocky Terrain	Bright Orange Rust
1010591	PED	7	620745	6981820	6/25/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Rocky Terrain	Bright Orange Rust
1010592	PED	7	620705	6981790	6/25/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky Terrain	Rocky
1010593	PED	7	620661	6981765	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Rocky
1010594	PED	7	620620	6981735	6/25/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Rocky
1010595	PED	7	620533	6981683	6/25/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Rocky
1010596	PED	7	620495	6981651	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Rocky
1010597	PED	7	620456	6981620	6/25/2011	Reddish Yellow	Gravel	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky Terrain
1010598	PED	7	620411	6981594	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Clay	Rocky Terrain
1010599	PED	7	620373	6981562	6/25/2011	Reddish Yellow	Clay	Wet	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Coarse	Wet Soil
1010600	PED	7	620330	6981533	6/25/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky Terrain	
1010601	PED	7	606063	6984119	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Excellent	Fine	Quartz Chips
1010602	PED	7	606021	6984095	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Poor	Rocky	Quartz Chips
1010603	PED	7	605978	6984068	6/24/2011	Chocolate Brown	Clay	Damp	Flat	60	B	Willows	Thin Moss Cover	Poor	Rocky	Quartz Chips
1010604	PED	7	605931	6984049	6/24/2011	Dark Grey Black	Gravel	Dry	Pronounced Slope	50	C	Willows	Thin Moss Cover	Good	Coarse	Rocky
1010605	PED	7	605886	6984024	6/24/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Willows	Thin Moss Cover	Good	Coarse	Quartz Chips
1010606	PED	7	605840	6984003	6/24/2011	Dark Brown	Gravel	Damp	Pronounced Slope	50	C	Willows	Thin Moss Cover	Good	Sandy	Rocky
1010607	PED	7	605793	6983986	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	B	Willows	Thin Moss Cover	Poor	Coarse	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010608	PED	7	605746	6983970	6/24/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Willows	Thin Moss Cover	Good	Clay	Organic 10%
1010609	PED	7	605747	6983967	6/24/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Willows	Thin Moss Cover	Good	Clay	Organic 10%
1010610	PED	7	605699	6983951	6/24/2011	Dark Brown	Clay	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1010611	PED	7	605649	6983945	6/24/2011	Dark Brown	Sand	Dry	Flat	40	C	Poplar	Thin Moss Cover	Good	Coarse	Rocky
1010612	PED	7	605597	6983937	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Fine	Rocky
1010613	PED	7	607782	6986480	7/2/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1010614	PED	7	607813	6986441	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Sphagnum Moss > 30cm	Good	Clay	Sandy
1010615	PED	7	607838	6986397	7/2/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	
1010616	PED	7	607838	6986397	7/2/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	
1010617	PED	7	607865	6986356	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1010618	PED	7	606894	6984774	6/24/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	B	Willows	Thin Moss Cover	Poor	Organic 50%	Small Sample
1010619	PED	7	606857	6984738	6/24/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Willows	Thin Moss Cover	Excellent	Rocky Terrain	Quartz Chips
1010620	PED	7	606820	6984705	6/24/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Willows	Thin Moss Cover	Good	Fine	Rocky Terrain
1010621	PED	7	606781	6984674	6/24/2011	Dark Blue Black	Sand	Dry	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Excellent	Fine	Rocky Terrain
1010622	PED	7	606744	6984640	6/24/2011	Dark Blue Black	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky	Organic 10%
1010624	PED	7	606704	6984609	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Willows	Sphagnum Moss < 30cm	Poor	Coarse	Rocky
1010625	PED	7	606665	6984579	6/24/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Poor	Rocky	Organic 25%
1010626	PED	7	606626	6984549	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine	Rocky Terrain
1010627	PED	7	606584	6984517	6/24/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1010628	PED	7	606543	6984486	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Poplar	Thin Moss Cover	Poor	Coarse	Organic 10%
1010629	PED	7	606506	6984452	6/24/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Poor	Coarse	Organic 10%
1010630	PED	7	606466	6984421	6/24/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Organic 10%	Small Sample
1010631	PED	7	606428	6984388	6/24/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1010632	PED	7	606391	6984354	6/24/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Willows	Thin Moss Cover	Poor	Rocky Sample	Organic 25%
1010633	PED	7	606351	6984325	6/24/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1010634	PED	7	606316	6984287	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	30	C	Poplar	Bare Soil	Good	Fine	
1010635	PED	7	606272	6984262	6/24/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1010636	PED	7	606233	6984231	6/24/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1010637	PED	7	606190	6984206	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Willows	Thin Moss Cover	Excellent	Fine	
1010638	PED	7	606152	6984172	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Willows	Sphagnum Moss < 30cm	Good	Clay	Rocky
1010639	PED	7	606108	6984145	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Willows	Thin Moss Cover	Good	Fine	Quartz Chips
1010640	PED	7	613483	6981833	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010641	PED	7	613506	6981789	6/26/2011	Greyish Green	Sand	Dry	Flat	30	C	White Spruce	Leaf Cover	Good	Coarse	Rocky
1010642	PED	7	613544	6981757	6/26/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	White Spruce	Leaf Cover	Excellent	Coarse	Rocky
1010643	PED	7	613589	6981733	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1010644	PED	7	613632	6981708	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1010645	PED	7	613675	6981684	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	White Spruce	Leaf Cover	Good	Coarse	
1010646	PED	7	613710	6981648	6/26/2011	Pale Greenish	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Dull Red Rust	
1010647	PED	7	613744	6981610	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1010648	PED	7	613784	6981582	6/26/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1010649	PED	7	613821	6981548	6/26/2011	Dark Brown	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Fine	
1010650	PED	7	613853	6981511	6/26/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Sandy	
1010651	PED	7	631504	6971880	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010652	PED	7	631517	6971831	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010653	PED	7	631539	6971787	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Rocky Terrain	Talus
1010654	PED	7	631573	6971752	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1010655	PED	7	631596	6971711	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Talus
1010656	PED	7	631623	6971666	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010657	PED	7	631630	6971620	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Rocky Sample	Rocky Terrain
1010658	PED	7	631638	6971570	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Poplar	Bare Soil	Excellent	Coarse	Sandy
1010659	PED	7	631641	6971519	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1010660	PED	7	631641	6971519	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1010661	PED	7	631652	6971471	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Thin Moss Cover	Good	Coarse	Clay
1010662	PED	7	631667	6971420	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1010663	PED	7	631668	6971381	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1010664	PED	7	631683	6971324	6/24/2011	Dark Brown	Silt	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010665	PED	7	631683	6971273	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Needle Cover	Excellent	Clay	Coarse
1010666	PED	7	631690	6971217	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Sample
1010667	PED	7	624991	6970931	6/25/2011	Dark Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Talus
1010668	PED	7	624975	6970883	6/25/2011	Light Bluish Grey	Gravel	Dry	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010669	PED	7	624980	6970833	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010670	PED	7	624975	6970782	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010671	PED	7	624978	6970732	6/25/2011	Chocolate Brown	Sand	Dry	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010672	PED	7	624974	6970682	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1010673	PED	7	624982	6970632	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010674	PED	7	624977	6970583	6/25/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Fine
1010675	PED	7	624981	6970532	6/25/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Talus
1010676	PED	7	624970	6970483	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Talus
1010677	PED	7	624981	6970434	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Coarse
1010678	PED	7	624973	6970385	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Clay
1010679	PED	7	624977	6970335	6/25/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Talus
1010680	PED	7	624974	6970286	6/25/2011	Grey	Gravel	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010681	PED	7	624987	6970238	6/25/2011	Light Bluish Grey	Gravel	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010682	PED	7	624987	6970238	6/25/2011	Light Bluish Grey	Gravel	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010683	PED	7	624998	6970190	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010684	PED	7	625015	6970144	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010685	PED	7	625024	6970095	6/25/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010686	PED	7	625073	6970079	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010687	PED	7	614512	6980879	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Coarse	Clay
1010688	PED	7	614473	6980847	6/30/2011	Dark Olivine Green	Gravel	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Rusty Rock Chip	
1010689	PED	7	614354	6980686	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Rocky Sample	Coarse
1010690	PED	7	614694	6980936	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Rusty Rock Chip
1010691	PED	7	610803	6982798	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010692	PED	7	610855	6982804	6/28/2011	Reddish Brown	Clay	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Coarse	Sandy
1010693	PED	7	610904	6982814	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1010694	PED	7	610953	6982828	6/28/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1010695	PED	7	611003	6982836	6/28/2011	Greyish Green	Gravel	Damp	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Outcrop Nearby	Rocky Terrain
1010696	PED	7	611053	6982831	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Poor	Rocky Terrain	Outcrop Nearby
1010697	PED	7	611102	6982840	6/28/2011	Grey	Gravel	Damp	Pronounced Slope	70	C	Black Spruce	Thin Moss Cover	Good	Clay	Coarse
1010698	PED	7	611152	6982841	6/28/2011	Greyish Green	Gravel	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Clay	Coarse
1010699	PED	7	611199	6982858	6/28/2011	Grey	Clay	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	Rocky Terrain
1010700	PED	7	611248	6982871	6/28/2011	Grey	Gravel	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Clay	Rocky Terrain
1010701	PED	7	622316	6973831	6/27/2011	Dark Blue Black	Sand	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Good	Quartz Chips	
1010702	PED	7	622286	6973788	6/27/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	40	C	Black Spruce	Leaf Cover	Good	Quartz Chips	
1010703	PED	7	622253	6973751	6/27/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Good	Quartz Chips	
1010704	PED	7	622229	6973707	6/27/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Excellent	Quartz Chips	
1010705	PED	7	622207	6973663	6/27/2011	Reddish Yellow	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Quartz Chips	
1010706	PED	7	622177	6973622	6/27/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Poplar	Leaf Cover	Good	Coarse	
1010707	PED	7	622172	6973573	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Coarse	
1010708	PED	7	622145	6973529	6/27/2011	Dark Olivine Green	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Good	Quartz Chips	
1010709	PED	7	622106	6973495	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Coarse	
1010710	PED	7	622071	6973457	6/27/2011	Reddish Orange	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1010711	PED	7	622052	6973410	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010713	PED	7	622036	6973363	6/27/2011	Reddish Orange	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Quartz Chips	
1010714	PED	7	622027	6973313	6/27/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010715	PED	7	621998	6973271	6/27/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Poplar	Leaf Cover	Poor	Fine	Talus
1010716	PED	7	621980	6973224	6/27/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Talus
1010717	PED	7	621957	6973180	6/27/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010718	PED	7	621907	6973175	6/27/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010719	PED	7	621857	6973174	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Coarse	
1010720	PED	7	621808	6973164	6/27/2011	Dark Blue Black	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Grass Cover	Good	Fine	
1010721	PED	7	621762	6973145	6/27/2011	Reddish Brown	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1010722	PED	7	621726	6973108	6/27/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Quartz Chips	
1010723	PED	7	621686	6973075	6/27/2011	Light Brown	Silt	Dry	Pronounced Slope	50	B	Black Spruce	Grass Cover	Poor	Fine	Talus
1010724	PED	7	621636	6973070	6/27/2011	Light Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Grass Cover	Good	Talus	
1010725	PED	7	621585	6973074	6/27/2011	Light Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Grass Cover	Good	Talus	
1010726	PED	7	621540	6973095	6/27/2011	Light Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Grass Cover	Good	Talus	
1010727	PED	7	621490	6973104	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Grass Cover	Good	Quartz Chips	
1010728	PED	7	621442	6973090	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Grass Cover	Good	Talus	
1010729	PED	7	621391	6973088	6/27/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1010730	PED	7	621391	6973088	6/27/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1010731	PED	7	621339	6973088	6/27/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Quartz Chips	
1010732	PED	7	621289	6973074	6/27/2011	Light Brown	Silt	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1010733	PED	7	621241	6973092	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Fine	
1010734	PED	7	626514	6971049	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010735	PED	7	626462	6971040	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010736	PED	7	626414	6971058	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010737	PED	7	626363	6971063	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010738	PED	7	626310	6971067	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010739	PED	7	626258	6971072	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010740	PED	7	626208	6971072	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010741	PED	7	626156	6971075	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010742	PED	7	626105	6971075	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010743	PED	7	626053	6971068	6/28/2011	Reddish Orange	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1010744	PED	7	626005	6971055	6/28/2011	Light Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010745	PED	7	625956	6971039	6/28/2011	Reddish Orange	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1010746	PED	7	625907	6971029	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010747	PED	7	625857	6971017	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010748	PED	7	625809	6971003	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010749	PED	7	625763	6970983	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010750	PED	7	625720	6970956	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1010751	PED	7	622562	6975523	6/27/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Small Sample
1010752	PED	7	622592	6975427	6/27/2011	Bluish Grey	Silt	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Organic 25%
1010753	PED	7	622607	6975379	6/27/2011	Dark Brown	Clay	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Partially Frozen
1010754	PED	7	622622	6975330	6/27/2011	Dark Grey Black	Gravel	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Coarse
1010755	PED	7	622637	6975282	6/27/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010756	PED	7	622652	6975234	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010757	PED	7	622667	6975186	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010758	PED	7	622682	6975138	6/27/2011	Dark Grey Black	Gravel	Wet	Pronounced Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010759	PED	7	622698	6975091	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010760	PED	7	622714	6975045	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010761	PED	7	622731	6974999	6/27/2011	Light Brown	Gravel	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010762	PED	7	622745	6974951	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010763	PED	7	622764	6974905	6/27/2011	Bluish Grey	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010764	PED	7	622780	6974858	6/27/2011	Dark Grey Black	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Clay
1010765	PED	7	622796	6974811	6/27/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1010766	PED	7	622810	6974765	6/27/2011	Dark Brown	Gravel	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010767	PED	7	622824	6974717	6/27/2011	Dark Brown	Gravel	Damp	Pronounced Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010768	PED	7	622838	6974670	6/27/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1010770	PED	7	622866	6974574	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010771	PED	7	622888	6974529	6/27/2011	Light Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010772	PED	7	622914	6974487	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010773	PED	7	622944	6974447	6/27/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010774	PED	7	622971	6974406	6/27/2011	Dark Brown	Clay	Damp	Pronounced Slope	30	B	Poplar	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1010775	PED	7	623000	6974364	6/27/2011	Dark Brown	Gravel	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010776	PED	7	623055	6974282	6/27/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Rocky Terrain
1010777	PED	7	623066	6974232	6/27/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010778	PED	7	623077	6974184	6/27/2011	Dark Brown	Gravel	Damp	Steep	70	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Rocky
1010779	PED	7	623077	6974184	6/27/2011	Dark Brown	Gravel	Damp	Steep	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010780	PED	7	623088	6974135	6/27/2011	Chocolate Brown	Gravel	Dry	Steep	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010781	PED	7	623098	6974085	6/27/2011	Chocolate Brown	Clay	Dry	Steep	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky
1010782	PED	7	623110	6974037	6/27/2011	Dark Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Small Sample
1010783	PED	7	621504	6978132	6/30/2011	Light Brown	Gravel	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010784	PED	7	621530	6978091	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010785	PED	7	621558	6978050	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010786	PED	7	621589	6978010	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss > 30cm	Poor	Coarse	Organic 25%
1010787	PED	7	621625	6977976	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1010801	PED	7	611464	6982354	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Clay
1010802	PED	7	611501	6982387	7/3/2011	Light Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud
1010803	PED	7	611426	6982319	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010804	PED	7	611464	6982354	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Fine
1010805	PED	7	623776	6972151	6/27/2011	Light Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1010806	PED	7	623755	6972195	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Fine
1010807	PED	7	611235	6982155	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Rocky
1010808	PED	7	615384	6985238	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	110	C	Old Burn	Burnt Moss	Excellent	Fine	
1010809	PED	7	615336	6985251	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Rocky Terrain	Coarse
1010811	PED	7	623634	6971437	6/27/2011	Chocolate Brown	Sand	Damp	Steep	40	B	White Spruce	Grass Cover	Poor	Rocky Sample	Organic 10%
1010812	PED	7	623637	6971486	6/27/2011	Chocolate Brown	Silt	Dry	Steep	20	B	No Tree Cover	Thin Moss Cover	Poor	Sandy	Rocky Terrain
1010813	PED	7	623650	6971535	6/27/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Good	Rocky Terrain	Sandy
1010814	PED	7	623661	6971583	6/27/2011	Chocolate Brown	Silt	Dry	Steep	10	A	No Tree Cover	Grass Cover	Poor	Rocky Terrain	Rocky Sample
1010815	PED	7	623678	6971630	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Rocky Terrain	Fine
1010816	PED	7	623675	6971681	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1010817	PED	7	623439	6972692	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	B	Poplar	Sphagnum Moss < 30cm	Good	Fine	Sandy
1010818	PED	7	623459	6972646	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Poplar	Sphagnum Moss < 30cm	Poor	Rocky Sample	Rocky Terrain
1010819	PED	7	623486	6972603	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	A	Birch Forest	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Organic 25%
1010820	PED	7	623511	6972561	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Rocky Sample
1010821	PED	7	623547	6972526	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Rocky Terrain
1010822	PED	7	623581	6972490	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Organic 25%
1010823	PED	7	623621	6972461	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	A	Birch Forest	Sphagnum Moss > 30cm	Poor	Rocky Terrain	Organic 25%
1010824	PED	7	623649	6972421	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Organic 10%
1010825	PED	7	623680	6972381	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Fine
1010826	PED	7	623701	6972336	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Rocky Terrain
1010827	PED	7	623716	6972288	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010828	PED	7	623731	6972240	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Fine
1010829	PED	7	611387	6982286	7/3/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Poor	Coarse	Rocky
1010830	PED	7	611349	6982254	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Poor	Fine	Rocky Terrain
1010831	PED	7	611310	6982222	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010832	PED	7	611274	6982189	7/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1010833	PED	7	623686	6971729	6/27/2011	Light Brown	Sand	Dry	Steep	50	C	No Tree Cover	Grass Cover	Excellent	Fine	Sandy
1010834	PED	7	623699	6971778	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Poor	Sandy	Rocky Terrain
1010835	PED	7	623700	6971828	6/27/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Poor	Rocky Sample	Rocky Terrain
1010836	PED	7	623732	6971866	6/27/2011	Chocolate Brown	Silt	Dry	Steep	30	B	Poplar	Grass Cover	Poor	Sandy	Outcrop Nearby
1010837	PED	7	623776	6971956	6/27/2011	Chocolate Brown	Sand	Dry	Steep	20	A	Poplar	Thin Moss Cover	Poor	Rocky Terrain	Rocky Sample
1010838	PED	7	623783	6972006	6/27/2011	Chocolate Brown	Silt	Dry	Steep	20	B	White Spruce	Sphagnum Moss < 30cm	Poor	Sandy	Rocky Terrain
1010839	PED	7	623794	6972055	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Sandy
1010840	PED	7	623783	6972102	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Rocky Terrain
1010851	PED	7	621677	6974794	6/27/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010852	PED	7	621668	6974746	6/27/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1010853	PED	7	621662	6974696	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010854	PED	7	621650	6974647	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1010855	PED	7	621630	6974600	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010856	PED	7	621596	6974563	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1010857	PED	7	621586	6974514	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1010858	PED	7	621588	6974464	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010859	PED	7	621598	6974415	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1010860	PED	7	621612	6974367	6/27/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1010861	PED	7	621602	6974317	6/27/2011	Reddish Yellow	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010862	PED	7	621602	6974267	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010863	PED	7	621595	6974217	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Rock Cover	Good	Coarse	Talus
1010864	PED	7	621573	6974172	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Poplar	Leaf Cover	Excellent	Coarse	Clay
1010865	PED	7	621565	6974121	6/27/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1010866	PED	7	621562	6974071	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1010867	PED	7	621551	6974022	6/27/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Talus
1010868	PED	7	621533	6973974	6/27/2011	Grey	Gravel	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1010869	PED	7	621525	6973925	6/27/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Fine
1010870	PED	7	621525	6973925	6/27/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Fine
1010871	PED	7	621527	6973874	6/27/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rusty Rock Chip
1010872	PED	7	621540	6973826	6/27/2011	Greyish Green	Sand	Dry	Subtle Slope	100	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1010873	PED	7	621540	6973826	6/27/2011	Greyish Green	Sand	Dry	Subtle Slope	100	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1010874	PED	7	621531	6973777	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Bare Soil	Excellent	Coarse	Sandy
1010875	PED	7	621520	6973729	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1010876	PED	7	621521	6973679	6/27/2011	Light Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1010877	PED	7	621511	6973630	6/27/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1010878	PED	7	621489	6973585	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1010879	PED	7	621457	6973546	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1010880	PED	7	621445	6973498	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1010881	PED	7	621433	6973450	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1010882	PED	7	621399	6973413	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Talus
1010883	PED	7	621362	6973378	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1010884	PED	7	621318	6973355	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	Talus
1010885	PED	7	621270	6973341	6/27/2011	Reddish Yellow	Silt	Dry	Pronounced Slope	50	C	White Spruce	Bare Soil	Good	Fine	Talus
1010887	PED	7	614382	6980728	6/30/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Poor	Rocky	Organic 10%
1010888	PED	7	614440	6980810	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	Rocky
1010889	PED	7	614646	6980945	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1010890	PED	7	614595	6980938	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rusty Rock Chip	Coarse
1010891	PED	7	614551	6980912	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Dull Red Rust	Fine
1010892	PED	7	626487	6970968	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010893	PED	7	626447	6970937	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010894	PED	7	626406	6970907	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1010895	PED	7	626372	6970871	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010896	PED	7	626337	6970835	6/28/2011	Grey	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010897	PED	7	626304	6970798	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010898	PED	7	626269	6970762	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	Rocky Terrain
1010899	PED	7	626232	6970728	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1010900	PED	7	626195	6970694	6/28/2011	Light Bluish Grey	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1010901	PED	7	611753	6983830	6/26/2011	Dark Grey Black	Clay	Damp	Flat	30	C	Black Spruce	Thin Moss Cover	Good	Rocky	Sandy
1010902	PED	7	611789	6983796	6/26/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	
1010903	PED	7	611827	6983763	6/26/2011	Reddish Orange	Sand	Damp	Subtle Slope	90	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	Fine
1010904	PED	7	611827	6983763	6/26/2011	Reddish Orange	Sand	Damp	Subtle Slope	90	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1010905	PED	7	611860	6983719	6/26/2011	Dark Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1010906	PED	7	611896	6983683	6/26/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1010907	PED	7	611934	6983650	6/26/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1010908	PED	7	611971	6983615	6/26/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1010909	PED	7	612011	6983586	6/26/2011	Reddish Orange	Sand	Damp	Flat	50	C	Black Spruce	Thin Moss Cover	Excellent	Dull Red Rust	Sandy
1010910	PED	7	612049	6983550	6/26/2011	Dark Blue Black	Sand	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Frozen	Outcrop Nearby
1010911	PED	7	612086	6983518	6/26/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	Sandy
1010912	PED	7	612116	6983470	6/26/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	
1010913	PED	7	612152	6983440	6/26/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	
1010914	PED	7	612187	6983404	6/26/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1010915	PED	7	612218	6983363	6/26/2011	Reddish Brown	Silt	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	Rocky
1010916	PED	7	612265	6983343	6/26/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1010917	PED	7	612302	6983308	6/26/2011	Light Brown	Silt	Damp	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1010918	PED	7	612321	6983261	6/26/2011	Reddish Orange	Sand	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1010919	PED	7	612336	6983212	6/26/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1010920	PED	7	612363	6983169	6/26/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1010921	PED	7	612400	6983135	6/26/2011	Reddish Orange	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1010922	PED	7	612429	6983094	6/26/2011	Reddish Orange	Sand	Damp	Subtle Slope	90	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	
1010923	PED	7	612449	6983048	6/26/2011	Dark Blue Black	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1010924	PED	7	612476	6983005	6/26/2011	Dark Blue Black	Sand	Damp	Flat	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1010925	PED	7	612508	6982966	6/26/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1010926	PED	7	612546	6982931	6/26/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1010927	PED	7	612584	6982897	6/26/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1010928	PED	7	612624	6982867	6/26/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1010929	PED	7	612663	6982831	6/26/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1010930	PED	7	612701	6982797	6/26/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1010931	PED	7	612731	6982757	6/26/2011	Reddish Orange	Clay	Damp	Subtle Slope	90	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Dull Red Rust
1010932	PED	7	612751	6982708	6/26/2011	Dark Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1010933	PED	7	612788	6982671	6/26/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1010947	PED	7	619336	6982985	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	
1010948	PED	7	619290	6983007	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	Rocky Terrain
1010949	PED	7	619242	6983027	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Dull Red Rust	Rocky Terrain
1010950	PED	7	619201	6983058	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	Rocky Terrain
1010977	PED	7	614060	6981620	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Grass Cover	Good	Coarse	Rocky
1010978	PED	7	614083	6981578	6/26/2011	Dark Brown	Silt	Damp	Flat	40	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Possible Creek Contamination

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1010979	PED	7	614095	6981480	6/26/2011	Dark Brown	Clay	Wet	Flat	40	B	Willows	Sphagnum Moss > 30cm	Poor	Organic 50%	Possible Creek Contamination
1010980	PED	7	614122	6981439	6/26/2011	Dark Brown	Silt	Damp	Flat	40	B	White Spruce	Grass Cover	Poor	Organic 50%	Fine
1010981	PED	7	614150	6981397	6/26/2011	Dark Brown	Silt	Wet	Flat	40	C	Willows	Grass Cover	Poor	Possible Creek Contamination	Fine
1010982	PED	7	614150	6981347	6/26/2011	Dark Brown	Clay	Wet	Steep	40	C	Black Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Fine
1010983	PED	7	614130	6981301	6/26/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010984	PED	7	614107	6981256	6/26/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Sandy	Rocky
1010985	PED	7	614080	6981214	6/26/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	90	C	White Spruce	Needle Cover	Good	Rocky	Coarse
1010986	PED	7	614066	6981166	6/26/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Small Sample
1010987	PED	7	614060	6981117	6/26/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1010988	PED	7	614055	6981067	6/26/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Grass Cover	Excellent	Rocky	Coarse
1010989	PED	7	614047	6981018	6/26/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010990	PED	7	614056	6980968	6/26/2011	Chocolate Brown	Sand	Damp	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1010991	PED	7	614067	6980917	6/26/2011	Chocolate Brown	Clay	Damp	Steep	30	C	Poplar	Grass Cover	Poor	Rocky	Fine
1010992	PED	7	619673	6982790	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Sandy	Fine
1010993	PED	7	619622	6982791	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Good	Sandy	Quartz Chips
1010994	PED	7	619571	6982799	7/1/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	Rocky
1010995	PED	7	614035	6981662	6/26/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1010996	PED	7	613824	6982272	6/26/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1010997	PED	7	613837	6982224	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Fine	Dull Red Rust
1010998	PED	7	613840	6982225	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Fine	Dull Red Rust
1010999	PED	7	613855	6982176	6/26/2011	Reddish Orange	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Coarse	Dull Red Rust
1011000	PED	7	613858	6982178	6/26/2011	Reddish Orange	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1011001	PED	7	623006	6977828	6/6/2011	Reddish Orange	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Quartz Chips	
1011002	PED	7	622995	6977877	6/6/2011	Light Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Reindeer Moss	Excellent	Coarse	
1011003	PED	7	623045	6977890	6/6/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Clay	Coarse
1011004	PED	7	623079	6977926	6/6/2011	Grey	Gravel	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1011005	PED	7	623127	6977950	6/6/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Clay	Rocky
1011006	PED	7	623159	6977989	6/6/2011	Light Brown	Gravel	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1011007	PED	7	623190	6978029	6/6/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Rocky	Coarse
1011008	PED	7	623213	6978074	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Clay	Rocky
1011009	PED	7	623250	6978108	6/6/2011	Light Brown	Gravel	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky
1011010	PED	7	623284	6978145	6/6/2011	Reddish Orange	Gravel	Wet	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Clay	
1011011	PED	7	623332	6978158	6/6/2011	Reddish Yellow	Gravel	Wet	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1011012	PED	7	623375	6978183	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011013	PED	7	623427	6978189	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Clay	Partially Frozen
1011014	PED	7	623475	6978203	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Clay	Coarse
1011015	PED	7	623525	6978214	6/6/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Clay	
1011016	PED	7	623575	6978224	6/6/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Clay	Coarse
1011017	PED	7	623623	6978238	6/6/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	Birch Forest	Reindeer Moss	Good	Coarse	Wet Soil
1011018	PED	7	623673	6978241	6/6/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Clay	Coarse
1011019	PED	7	623723	6978244	6/6/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky
1011020	PED	7	623009	6977779	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Good	Clay	
1011026	PED	7	622659	6977445	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Poor	Clay	
1011027	PED	7	622700	6977474	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Poplar	Leaf Cover	Good	Rocky	Coarse
1011028	PED	7	622723	6977514	6/6/2011	Light Brown	Gravel	Damp	Flat	40	C	Poplar	Reindeer Moss	Good	Quartz Chips	Coarse
1011029	PED	7	622764	6977545	6/6/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	Poplar	Reindeer Moss	Good	Quartz Chips	
1011030	PED	7	622811	6977557	6/6/2011	Light Brown	Gravel	Damp	Flat	60	C	Poplar	Leaf Cover	Excellent	Quartz Chips	
1011031	PED	7	622846	6977592	6/6/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Quartz Chips	
1011032	PED	7	622877	6977633	6/6/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Clay	Quartz Chips
1011033	PED	7	622907	6977672	6/6/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Quartz Chips	
1011034	PED	7	622907	6977672	6/6/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Quartz Chips	
1011035	PED	7	622940	6977711	6/6/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Quartz Chips	
1011036	PED	7	622978	6977744	6/6/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1011051	PED	7	642742	6972346	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1011052	PED	7	642792	6972334	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good		Fine
1011053	PED	7	642792	6972334	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good		Fine
1011054	PED	7	634438	6974984	6/19/2011	Dark Brown	Clay	Wet	Pronounced Slope	110	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Wet Soil	
1011055	PED	7	634453	6975034	6/19/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	B	Dwarf Birch	Grass Cover	Poor	Wet Soil	Partially Frozen
1011056	PED	7	634465	6975086	6/19/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Grass Cover	Poor	Wet Soil	
1011057	PED	7	634475	6975137	6/19/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Dwarf Birch	Grass Cover	Poor	Wet Soil	Partially Frozen
1011058	PED	7	634479	6975187	6/19/2011	Chocolate Brown	Gravel	Dry	Steep	40	C	No Tree Cover	Grass Cover	Good	Coarse	
1011059	PED	7	634466	6975238	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	
1011060	PED	7	634467	6975290	6/19/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	
1011061	PED	7	634427	6975322	6/19/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	
1011062	PED	7	634378	6975339	6/19/2011	Dark Brown	Clay	Wet	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Coarse	Partially Frozen
1011063	PED	7	634331	6975356	6/19/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	20	B	No Tree Cover	Grass Cover	Poor	Wet Soil	Partially Frozen
1011064	PED	7	634282	6975378	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Poor	Partially Frozen	
1011065	PED	7	634476	6975342	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	
1011066	PED	7	634502	6975387	6/19/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1011067	PED	7	634522	6975436	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Fine	
1011068	PED	7	634538	6975485	6/19/2011	Chocolate Brown	Clay	Wet	Flat	40	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Wet Soil	Rocky
1011069	PED	7	634556	6975533	6/19/2011	Dark Brown	Sand	Wet	Subtle Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011070	PED	7	634575	6975582	6/19/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Fine	
1011071	PED	7	634592	6975630	6/19/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	
1011072	PED	7	634613	6975676	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Willows	Sphagnum Moss < 30cm	Good	Wet Soil	
1011073	PED	7	634643	6975719	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011074	PED	7	634675	6975758	6/19/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Fine	
1011075	PED	7	634701	6975802	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	A	No Tree Cover	Sphagnum Moss > 30cm	Poor	Wet Soil	Fine
1011076	PED	7	634737	6975840	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Willows	Sphagnum Moss < 30cm	Good	Fine	
1011077	PED	7	634763	6975886	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Willows	Sphagnum Moss < 30cm	Poor	Fine	
1011078	PED	7	634799	6975926	6/19/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	No Tree Cover	Rock Cover	Good	Coarse	
1011079	PED	7	634835	6975964	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine	
1011080	PED	7	634873	6975999	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	
1011081	PED	7	634916	6976026	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Willows	Sphagnum Moss > 30cm	Poor	Fine	
1011082	PED	7	634916	6976026	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Willows	Sphagnum Moss > 30cm	Poor	Fine	
1011083	PED	7	634959	6976055	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1011084	PED	7	634999	6976087	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	
1011085	PED	7	635045	6976112	6/20/2011	Dark Brown	Gravel	Damp	Pronounced Slope	60	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine	
1011086	PED	7	635088	6976141	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	B	Willows	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011087	PED	7	635133	6976163	6/20/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	70	B	Willows	Sphagnum Moss > 30cm	Good	Partially Frozen	
1011088	PED	7	635180	6976186	6/20/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1011089	PED	7	635230	6976202	6/20/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	
1011090	PED	7	635277	6976226	6/20/2011	Reddish Brown	Clay	Damp	Pronounced Slope	40	A	Dwarf Birch	Rock Cover	Poor	Fine	
1011091	PED	7	635323	6976249	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Dwarf Birch	Rock Cover	Good	Fine	
1011092	PED	7	635365	6976278	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine	
1011093	PED	7	635408	6976307	6/20/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1011094	PED	7	635450	6976337	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine	
1011095	PED	7	635497	6976361	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1011096	PED	7	635543	6976385	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Willows	Sphagnum Moss < 30cm	Good	Fine	
1011097	PED	7	635587	6976411	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1011098	PED	7	635637	6976428	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	90	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1011099	PED	7	635683	6976450	6/20/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	B	Willows	Sphagnum Moss < 30cm	Good	Rocky	Quartz Chips
1011100	PED	7	635733	6976468	6/20/2011	Grey	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Good	Fine	
1011101	PED	7	643853	6973646	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Pine	Grass Cover	Excellent	Coarse	
1011102	PED	7	643864	6973598	6/12/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Pine	Needle Cover	Good	Sand	
1011103	PED	7	643852	6973546	6/12/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011104	PED	7	643831	6973296	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	
1011105	PED	7	643817	6973248	6/12/2011	Dark Grey Black	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011106	PED	7	643803	6973199	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011107	PED	7	643775	6973154	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	
1011108	PED	7	643780	6973105	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1011109	PED	7	643800	6973059	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Leaf Cover	Excellent	Top layer	Coarse
1011110	PED	7	643828	6973017	6/12/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011111	PED	7	643828	6973017	6/12/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011112	PED	7	643871	6972989	6/12/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1011113	PED	7	643884	6972938	6/12/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Grass Cover	Excellent	Coarse	
1011114	PED	7	643898	6972889	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Coarse	
1011115	PED	7	643909	6972840	6/12/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	
1011116	PED	7	643894	6972792	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1011117	PED	7	643889	6972742	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011118	PED	7	643901	6972692	6/12/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1011119	PED	7	643894	6972641	6/12/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1011120	PED	7	643905	6972592	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1011121	PED	7	643914	6972543	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011122	PED	7	643921	6972492	6/12/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011123	PED	7	643916	6972443	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011124	PED	7	643916	6972394	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1011125	PED	7	643926	6972346	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1011126	PED	7	643926	6972346	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1011127	PED	7	643419	6973970	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011128	PED	7	643369	6973957	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Grass Cover	Good	Coarse	
1011129	PED	7	643319	6973950	6/18/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011130	PED	7	643270	6973945	6/18/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011131	PED	7	643218	6973950	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Rocky	Coarse
1011132	PED	7	643170	6973964	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011133	PED	7	643121	6973971	6/18/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011134	PED	7	643072	6973958	6/18/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Grass Cover	Good	Coarse	
1011135	PED	7	643021	6973959	6/18/2011	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Leaf Cover	Good	Coarse	
1011136	PED	7	642969	6973960	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Rocky	
1011137	PED	7	642924	6973984	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011138	PED	7	642874	6973995	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011139	PED	7	642824	6974007	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Leaf Cover	Excellent	Coarse	
1011140	PED	7	642773	6974009	6/18/2011	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Leaf Cover	Good	Coarse	
1011141	PED	7	642726	6973993	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011142	PED	7	642676	6974000	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	White Spruce	Leaf Cover	Excellent	Rocky	
1011143	PED	7	642626	6973999	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1011144	PED	7	642575	6974006	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Sphagnum Moss < 30cm	Good	Loess	
1011145	PED	7	642525	6974006	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Bare Soil	Good	Rocky	Loess
1011146	PED	7	642475	6974017	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	Rocky
1011147	PED	7	642475	6974017	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	Rocky
1011148	PED	7	642424	6974018	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Good	Loess	
1011149	PED	7	642380	6974042	6/18/2011	Light Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Poor	Loess	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011150	PED	7	642335	6974064	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Grass Cover	Excellent	Coarse	
1011151	PED	7	639878	6977231	6/10/2011	Dark Brown	Sand	Dry	Steep	70	C	Poplar	Grass Cover	Excellent	Coarse	
1011152	PED	7	644036	6970589	6/11/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Clay	
1011153	PED	7	644037	6970538	6/11/2011	Yellow	Sand	Dry	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011154	PED	7	644057	6970492	6/11/2011	Greyish Green	Sand	Dry	Pronounced Slope	100	C	Poplar	Grass Cover	Excellent	Coarse	
1011155	PED	7	644070	6970443	6/11/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	B	Poplar	Leaf Cover	Good	Rocky	
1011156	PED	7	644075	6970389	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	B	Poplar	Grass Cover	Good	Fine	
1011157	PED	7	644103	6970347	6/11/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Poor	Rocky	Organic 10%
1011158	PED	7	644128	6970302	6/11/2011	Chocolate Brown	Gravel	Dry	Steep	30	B	Poplar	Grass Cover	Good	Rocky	
1011159	PED	7	644135	6970253	6/11/2011	Chocolate Brown	Sand	Dry	Steep	50	B	White Spruce	Grass Cover	Good	Rocky	
1011160	PED	7	644145	6970203	6/11/2011	Reddish Yellow	Sand	Dry	Steep	60	C	White Spruce	Grass Cover	Good	Rocky	
1011161	PED	7	644175	6970164	6/11/2011	Chocolate Brown	Sand	Dry	Steep	40	B	White Spruce	Grass Cover	Poor	Rocky	
1011162	PED	7	644199	6970118	6/11/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Good	Rocky	
1011163	PED	7	644210	6970069	6/11/2011	Reddish Yellow	Silt	Dry	Pronounced Slope	70	C	White Spruce	Grass Cover	Good	Fine	
1011164	PED	7	644231	6970023	6/11/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Rocky	
1011165	PED	7	644266	6969929	6/11/2011	Grey	Sand	Dry	Pronounced Slope	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Coarse	
1011166	PED	7	644276	6969880	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Good	Sand	
1011167	PED	7	644292	6969832	6/11/2011	Dark Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Good	Coarse	
1011168	PED	7	644315	6969787	6/11/2011	Chocolate Brown	Sand	Dry	Steep	40	C	White Spruce	Grass Cover	Good	Rocky	
1011169	PED	7	644346	6969748	6/11/2011	Chocolate Brown	Silt	Dry	Steep	70	C	Poplar	Grass Cover	Good	Fine	
1011170	PED	7	644384	6969714	6/11/2011	Chocolate Brown	Silt	Dry	Steep	30	B	Poplar	Grass Cover	Good	Organic 10%	
1011171	PED	7	644418	6969676	6/11/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Good	Rocky	
1011172	PED	7	644451	6969583	6/11/2011	Greyish Green	Sand	Dry	Pronounced Slope	50	C	Subalpine Fir	Grass Cover	Excellent	Coarse	
1011173	PED	7	644464	6969534	6/11/2011	Greyish Green	Sand	Dry	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011174	PED	7	644467	6969484	6/11/2011	Light Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1011175	PED	7	644485	6969436	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Sand	
1011176	PED	7	644509	6969391	6/11/2011	Chocolate Brown	Sand	Dry	Steep	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky
1011177	PED	7	644546	6969355	6/11/2011	Light Brown	Silt	Dry	Steep	60	C	Black Spruce	Grass Cover	Good	Rocky	
1011178	PED	7	644568	6969311	6/11/2011	Reddish Yellow	Silt	Dry	Steep	80	B	Poplar	Grass Cover	Good	Fine	
1011179	PED	7	644601	6969273	6/11/2011	Chocolate Brown	Sand	Dry	Steep	40	B	Poplar	Grass Cover	Good	Rocky	
1011180	PED	7	644646	6969248	6/11/2011	Dark Brown	Sand	Dry	Steep	40	B	Poplar	Grass Cover	Good	Rocky	
1011181	PED	7	644668	6969203	6/11/2011	Chocolate Brown	Sand	Dry	Steep	50	B	Poplar	Grass Cover	Good	Rocky	
1011182	PED	7	644668	6969203	6/11/2011	Chocolate Brown	Sand	Dry	Steep	50	B	Poplar	Grass Cover	Good	Rocky	
1011183	PED	7	644695	6969160	6/11/2011	Chocolate Brown	Silt	Dry	Steep	50	B	Poplar	Grass Cover	Good	Coarse	Rocky
1011184	PED	7	643877	6972378	6/12/2011	Grey	Clay	Damp	Flat	50	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Rocky	Partially Frozen
1011185	PED	7	643903	6972335	6/12/2011	Dark Brown	Silt	Dry	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Rocky	
1011186	PED	7	643916	6972286	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1011187	PED	7	643915	6972234	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1011188	PED	7	643909	6972183	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Black Spruce	Needle Cover	Poor	Rocky	
1011189	PED	7	643920	6972134	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Black Spruce	Needle Cover	Good	Fine	
1011190	PED	7	643947	6972091	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Fine	
1011191	PED	7	643963	6972043	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Black Spruce	Grass Cover	Good	Rocky	
1011192	PED	7	643979	6971995	6/12/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Pine	Grass Cover	Good	Fine	
1011193	PED	7	643971	6971944	6/12/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Fine	
1011194	PED	7	643967	6971893	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Black Spruce	Needle Cover	Good	Fine	
1011195	PED	7	643973	6971841	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Black Spruce	Needle Cover	Good	Coarse	
1011196	PED	7	643990	6971794	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Black Spruce	Needle Cover	Good	Rocky	
1011197	PED	7	644020	6971753	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1011198	PED	7	644015	6971703	6/12/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Alders	Leaf Cover	Good	Fine	Rocky
1011199	PED	7	644039	6971659	6/12/2011	Light Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Rocky	
1011200	PED	7	644024	6971612	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Coarse	Rocky
1011201	PED	7	641940	6975249	6/10/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Good	Coarse	
1011202	PED	7	641890	6975236	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Needle Cover	Excellent	Coarse	
1011203	PED	7	641841	6975223	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Rocky	
1011204	PED	7	641790	6975219	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011205	PED	7	641741	6975213	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011206	PED	7	641694	6975196	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Grass Cover	Excellent	Coarse	
1011207	PED	7	641645	6975185	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Fine	
1011208	PED	7	641596	6975169	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Fine	
1011209	PED	7	645820	6971386	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1011210	PED	7	645806	6971339	6/11/2011	Chocolate Brown	Gravel	Damp	Flat	30	C	Alders	Leaf Cover	Excellent	Rocky	
1011211	PED	7	645792	6971289	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Pine	Leaf Cover	Excellent	Rocky	
1011212	PED	7	645757	6971252	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	White Spruce	Needle Cover	Good	Rocky	
1011213	PED	7	645734	6971207	6/11/2011	Dark Brown	Sand	Damp	Flat	50	C	White Spruce	Needle Cover	Excellent	Fine	
1011214	PED	7	645711	6971162	6/11/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011215	PED	7	645691	6971116	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1011216	PED	7	645659	6971075	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	
1011217	PED	7	645619	6971040	6/11/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	Alders	Leaf Cover	Good	Rocky	Quartz Chips
1011218	PED	7	645578	6971009	6/11/2011	Chocolate Brown	Silt	Damp	Flat	40	B	White Spruce	Needle Cover	Excellent	Fine	Sand
1011219	PED	7	645539	6970977	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1011220	PED	7	645545	6970926	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	White Spruce	Grass Cover	Excellent	Coarse	
1011221	PED	7	645571	6970880	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Rocky	
1011222	PED	7	645608	6970845	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Grass Cover	Excellent	Rocky	
1011223	PED	7	645632	6970801	6/11/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	
1011224	PED	7	645641	6970749	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011225	PED	7	645629	6970699	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011226	PED	7	645630	6970649	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Pine	Grass Cover	Good	Quartz Chips	
1011227	PED	7	645647	6970602	6/11/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Good	Rocky	
1011228	PED	7	645629	6970552	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Rocky	
1011229	PED	7	645639	6970501	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Grass Cover	Good	Rocky	Quartz Chips
1011230	PED	7	645633	6970452	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011231	PED	7	645631	6970400	6/11/2011	Dark Grey Black	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	
1011232	PED	7	645623	6970351	6/11/2011	Chocolate Brown	Sand	Wet	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011233	PED	7	645610	6970301	6/11/2011	Reddish Yellow	Sand	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011234	PED	7	645510	6970074	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Leaf Cover	Good	Coarse	Rocky
1011235	PED	7	645581	6970258	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011236	PED	7	645581	6970258	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011237	PED	7	645569	6970210	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	
1011238	PED	7	645535	6970117	6/11/2011	Chocolate Brown	Sand	Damp	Flat	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1011239	PED	7	645547	6970166	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1011240	PED	7	645491	6970028	6/11/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	White Spruce	Leaf Cover	Excellent	Rocky	
1011241	PED	7	645467	6969983	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Needle Cover	Excellent	Fine	
1011242	PED	7	643930	6973806	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1011243	PED	7	643938	6973856	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1011244	PED	7	643899	6973767	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Rocky	
1011245	PED	7	643871	6973723	6/12/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1011246	PED	7	643832	6973691	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Rocky	
1011247	PED	7	643836	6973347	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1011248	PED	7	643832	6973398	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011249	PED	7	643852	6973446	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011250	PED	7	643848	6973496	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011251	PED	7	637261	6975215	6/20/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Birch Forest	Reindeer Moss	Good	Clay	
1011252	PED	7	637308	6975193	6/20/2011	Chocolate Brown	Clay	Damp	Flat	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1011253	PED	7	637352	6975170	6/20/2011	Dark Grey Black	Clay	Damp	Flat	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	Organic 10%
1011254	PED	7	637408	6975150	6/20/2011	Grey	Clay	Damp	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1011255	PED	7	637036	6975436	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Sand	
1011256	PED	7	637058	6975485	6/20/2011	Light Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Reindeer Moss	Good	Wet Soil	
1011258	PED	7	637843	6974449	6/21/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Rocky	
1011259	PED	7	637801	6974546	6/21/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good		Rocky
1011260	PED	7	637768	6974588	6/21/2011	Dark Grey Black	Silt	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Poor	Sand	Partially Frozen
1011261	PED	7	637751	6974634	6/21/2011	Dark Grey Black	Silt	Wet	Pronounced Slope	60	B	White Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Organic 25%
1011262	PED	7	637748	6974691	6/21/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	60	B	White Spruce	Reindeer Moss	Poor	Frozen	Organic 10%
1011263	PED	7	642678	6972414	6/12/2011	Light Brown	Silt	Dry	Steep	30	B	White Spruce	Grass Cover	Good	Sand	
1011264	PED	7	642660	6972453	6/12/2011	Reddish Brown	Silt	Dry	Steep	30	B	White Spruce	Grass Cover	Poor	Rocky	
1011265	PED	7	642630	6972496	6/12/2011	Light Brown	Silt	Dry	Pronounced Slope	70	B	Poplar	Grass Cover	Good	Sand	
1011266	PED	7	642619	6972546	6/12/2011	Light Brown	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Excellent	Fine	
1011267	PED	7	642601	6972601	6/12/2011	Light Brown	Silt	Dry	Steep	40	B	White Spruce	Grass Cover	Poor	Loess	
1011268	PED	7	642576	6972648	6/12/2011	Light Brown	Gravel	Dry	Steep	50	C	White Spruce	Grass Cover	Good	Fine	
1011269	PED	7	642554	6972695	6/12/2011	Light Brown	Sand	Dry	Steep	20	C	White Spruce	Sphagnum Moss < 30cm	Good	Loess	
1011270	PED	7	642548	6972751	6/12/2011	Chocolate Brown	Silt	Dry	Steep	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1011271	PED	7	642544	6972806	6/12/2011	Chocolate Brown	Sand	Dry	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Loess	
1011272	PED	7	642546	6972857	6/12/2011	Reddish Brown	Silt	Dry	Steep	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Loess	
1011273	PED	7	642542	6972909	6/12/2011	Chocolate Brown	Sand	Dry	Steep	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Loess	
1011274	PED	7	642514	6972953	6/12/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1011275	PED	7	642497	6973234	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Sand	
1011276	PED	7	642507	6973184	6/12/2011	Dark Grey Black	Gravel	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	
1011277	PED	7	642510	6973131	6/12/2011	Dark Grey Black	Clay	Damp	Subtle Slope	30	A	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 50%	
1011278	PED	7	642546	6973092	6/12/2011	Chocolate Brown	Gravel	Damp	Steep	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Organic 10%
1011279	PED	7	642503	6973053	6/12/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Sand	Organic 25%
1011280	PED	7	636127	6975338	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Good	Coarse	
1011281	PED	7	636174	6975356	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011282	PED	7	636223	6975371	6/19/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011283	PED	7	636268	6975392	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011284	PED	7	636318	6975384	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011285	PED	7	636369	6975381	6/19/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011286	PED	7	636419	6975369	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011287	PED	7	636469	6975373	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011288	PED	7	636520	6975366	6/19/2011	Chocolate Brown	Silt	Damp	Flat	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011289	PED	7	636568	6975377	6/19/2011	Bluish Grey	Silt	Damp	Flat	50	B	Willows	Sphagnum Moss < 30cm	Good	Top layer	Quartz Chips
1011290	PED	7	636616	6975363	6/19/2011	Chocolate Brown	Sand	Damp	Flat	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011291	PED	7	636662	6975341	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1011292	PED	7	636712	6975337	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Rocky	Rocky
1011293	PED	7	636761	6975332	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Birch Forest	Thin Moss Cover	Good	Rocky	
1011294	PED	7	636810	6975317	6/19/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Rocky	
1011295	PED	7	636860	6975320	6/19/2011	Chocolate Brown	Sand	Wet	Flat	30	C	Poplar	Leaf Cover	Good	Top layer	
1011296	PED	7	636912	6975316	6/19/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	Pine	Sphagnum Moss < 30cm	Good	Rocky	
1011297	PED	7	637839	6975107	6/20/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1011298	PED	7	637878	6975140	6/20/2011	Dark Brown	Sand	Damp	Subtle Slope	40	B	Willows	Sphagnum Moss < 30cm	Good	Rocky	
1011299	PED	7	637920	6975167	6/20/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Willows	Thin Moss Cover	Good	Rocky	
1011300	PED	7	637962	6975194	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Excellent	Rocky	
1011301	PED	7	642266	6973692	6/12/2011	Dark Grey Black	Gravel	Wet	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	
1011302	PED	7	642244	6973739	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Organic 10%	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011303	PED	7	643992	6970916	6/11/2011	Light Brown	Silt	Dry	Steep	30	B	Poplar	Grass Cover	Good	Rocky	
1011304	PED	7	644036	6970937	6/11/2011	Light Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Poor	Loess	Rocky
1011305	PED	7	644073	6970974	6/11/2011	Reddish Yellow	Gravel	Dry	Steep	20	C	Poplar	Grass Cover	Good	Rocky	
1011306	PED	7	644121	6971012	6/11/2011	Chocolate Brown	Silt	Dry	Steep	20	B	Poplar	Grass Cover	Good	Rocky	
1011307	PED	7	642285	6973646	6/12/2011	Chocolate Brown	Gravel	Dry	Steep	50	C	White Spruce	Grass Cover	Excellent	Coarse	
1011308	PED	7	642318	6973606	6/12/2011	Grey	Silt	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1011309	PED	7	642337	6973558	6/12/2011	Dark Brown	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Excellent	Sand	
1011310	PED	7	642364	6973518	6/12/2011	Light Grey	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011311	PED	7	642403	6973472	6/12/2011	Grey	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1011312	PED	7	642435	6973435	6/12/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	
1011313	PED	7	642452	6973387	6/12/2011	Grey	Gravel	Wet	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011314	PED	7	642464	6973335	6/12/2011	Grey	Gravel	Wet	Subtle Slope	20	B	Birch Forest	Leaf Cover	Good	Wet Soil	
1011315	PED	7	642480	6973283	6/12/2011	Dark Brown	Gravel	Wet	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Wet Soil	Organic 25%
1011316	PED	7	641353	6975604	6/10/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Clay	
1011317	PED	7	641330	6975650	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Sand	
1011318	PED	7	641303	6975695	6/10/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1011319	PED	7	641295	6975747	6/10/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1011320	PED	7	640909	6976305	6/10/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011321	PED	7	640879	6976347	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Excellent	Sand	
1011322	PED	7	640834	6976370	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Bare Soil	Excellent	Sand	
1011323	PED	7	640800	6976411	6/10/2011	Reddish Brown	Silt	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1011324	PED	7	640762	6976446	6/10/2011	Grey	Sand	Damp	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1011325	PED	7	640738	6976490	6/10/2011	Grey	Sand	Dry	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1011326	PED	7	640707	6976540	6/10/2011	Grey	Sand	Dry	Steep	70	C	Poplar	Grass Cover	Excellent	Sand	
1011327	PED	7	640669	6976580	6/10/2011	Chocolate Brown	Gravel	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1011328	PED	7	640630	6976614	6/10/2011	Chocolate Brown	Sand	Dry	Steep	80	C	Poplar	Grass Cover	Excellent	Sand	Fine
1011329	PED	7	640587	6976636	6/10/2011	Reddish Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Fine	
1011330	PED	7	640547	6976673	6/10/2011	Chocolate Brown	Clay	Damp	Steep	50	B	Poplar	Grass Cover	Good	Sand	
1011331	PED	7	640505	6976707	6/10/2011	Light Brown	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Good	Rocky	
1011332	PED	7	640463	6976736	6/10/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	White Spruce	Grass Cover	Excellent	Loess	
1011333	PED	7	640417	6976760	6/10/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1011334	PED	7	640375	6976793	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Rocky	
1011335	PED	7	640340	6976834	6/10/2011	Grey	Clay	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1011351	PED	7	640810	6972678	6/23/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	80	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1011352	PED	7	640854	6972653	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Birch Forest	Leaf Cover	Good	Fine	
1011353	PED	7	640905	6972640	6/23/2011	Chocolate Brown	Clay	Wet	Subtle Slope	100	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Fine	
1011354	PED	7	640942	6972605	6/23/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011355	PED	7	640942	6972605	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011356	PED	7	640982	6972575	6/23/2011	Reddish Brown	Gravel	Dry	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011357	PED	7	641030	6972562	6/23/2011	Chocolate Brown	Sand	Dry	Flat	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1011358	PED	7	641030	6972562	6/23/2011	Chocolate Brown	Sand	Dry	Flat	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1011359	PED	7	635715	6969395	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Willows	Leaf Cover	Excellent	Fine	
1011360	PED	7	635737	6969348	6/24/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	110	B	Poplar	Leaf Cover	Good	Fine	
1011361	PED	7	635746	6969298	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	20	C	Poplar	Bare Soil	Good	Fine	
1011362	PED	7	635746	6969246	6/24/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Rocky Sample	Quartz Chips
1011363	PED	7	635769	6969201	6/24/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Poplar	Leaf Cover	Good	Coarse	
1011364	PED	7	635778	6969152	6/24/2011	Chocolate Brown	Sand	Wet	Subtle Slope	70	B	Poplar	Leaf Cover	Good	Coarse	Rocky
1011365	PED	7	635783	6969102	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011366	PED	7	635801	6969054	6/24/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1011367	PED	7	635825	6969008	6/24/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Coarse	
1011368	PED	7	635857	6968970	6/24/2011	Reddish Yellow	Gravel	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Quartz Chips	
1011369	PED	7	635897	6968936	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1011370	PED	7	635919	6968890	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	Poplar	Leaf Cover	Excellent	Coarse	
1011371	PED	7	635938	6968841	6/24/2011	Chocolate Brown	Gravel	Dry	Flat	50	C	Poplar	Leaf Cover	Good	Coarse	
1011372	PED	7	635967	6968795	6/24/2011	Reddish Orange	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky Sample	
1011373	PED	7	635978	6968745	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1011374	PED	7	635992	6968693	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Leaf Cover	Good	Coarse	
1011375	PED	7	636013	6968647	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011376	PED	7	636038	6968603	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Pine	Grass Cover	Good	Coarse	
1011377	PED	7	636063	6968558	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Poplar	Grass Cover	Poor	Coarse	
1011378	PED	7	636088	6968513	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	Quartz Chips
1011379	PED	7	636114	6968469	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1011380	PED	7	636112	6968417	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Leaf Cover	Excellent	Coarse	
1011381	PED	7	636126	6968368	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Grass Cover	Excellent	Coarse	
1011382	PED	7	636126	6968316	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Fine	
1011383	PED	7	636124	6968265	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011384	PED	7	636131	6968214	6/24/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1011385	PED	7	636121	6968165	6/24/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011386	PED	7	636096	6968120	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011387	PED	7	636079	6968072	6/24/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1011388	PED	7	636059	6968026	6/24/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Rocky Sample
1011389	PED	7	636046	6967976	6/24/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1011390	PED	7	636046	6967976	6/24/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1011401	PED	7	635842	6975431	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Clay	
1011402	PED	7	635878	6975468	6/20/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Poor	Clay	Big Round Boulders
1011403	PED	7	635922	6975502	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Small Sample

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011404	PED	7	635960	6975538	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	Subalpine Fir	Reindeer Moss	Good	Clay	
1011405	PED	7	636003	6975569	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Subalpine Fir	Reindeer Moss	Good	Clay	
1011406	PED	7	636046	6975598	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Subalpine Fir	Reindeer Moss	Good	Clay	
1011407	PED	7	636087	6975628	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse	
1011408	PED	7	636126	6975661	6/20/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Subalpine Fir	Reindeer Moss	Poor	Transported Soil	Big Round Boulders
1011409	PED	7	636171	6975687	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Clay	Big Round Boulders
1011410	PED	7	636215	6975718	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	Big Round Boulders
1011411	PED	7	636261	6975743	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Pine	Reindeer Moss	Good	Clay	
1011412	PED	7	636301	6975777	6/20/2011	Grey	Gravel	Damp	Pronounced Slope	60	B	Pine	Reindeer Moss	Excellent	Sand	
1011413	PED	7	636332	6975817	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sand	
1011414	PED	7	636362	6975859	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Clay	
1011415	PED	7	636407	6975886	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	B	Dwarf Birch	Reindeer Moss	Excellent	Sand	Clay
1011416	PED	7	636446	6975920	6/20/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Clay	Big Round Boulders
1011417	PED	7	636498	6975940	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Pine	Grass Cover	Good	Clay	
1011418	PED	7	636547	6975966	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	Pine	Reindeer Moss	Excellent	Coarse	
1011419	PED	7	636598	6975987	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	Pine	Sphagnum Moss < 30cm	Excellent	Coarse	
1011420	PED	7	636637	6976026	6/20/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011421	PED	7	636672	6976062	6/20/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011422	PED	7	636716	6976095	6/20/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Pine	Sphagnum Moss < 30cm	Excellent	Coarse	
1011423	PED	7	636776	6976122	6/20/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1011424	PED	7	636813	6976160	6/20/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1011425	PED	7	636846	6976206	6/20/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011426	PED	7	636894	6976238	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1011427	PED	7	636945	6976264	6/20/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	White Spruce	Leaf Cover	Good	Transported Soil	
1011428	PED	7	636996	6976303	6/20/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Sphagnum Moss < 30cm	Excellent	Sand	
1011429	PED	7	637042	6976332	6/20/2011	Bluish Grey	Clay	Dry	Pronounced Slope	50	B	Pine	Reindeer Moss	Good	Clay	
1011430	PED	7	637091	6976373	6/20/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Excellent	Sand	
1011431	PED	7	637091	6976373	6/20/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Excellent	Sand	
1011432	PED	7	637134	6976401	6/20/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1011435	PED	7	611625	6979792	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Excellent	Sandy	
1011437	PED	7	637988	6975237	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011438	PED	7	638027	6975270	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1011439	PED	7	638039	6975319	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Birch Forest	Thin Moss Cover	Good	Coarse	
1011440	PED	7	638067	6975361	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Birch Forest	Thin Moss Cover	Good	Coarse	
1011441	PED	7	638114	6975381	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1011442	PED	7	638145	6975422	6/20/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Willows	Leaf Cover	Good	Rocky	
1011443	PED	7	638169	6975465	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1011444	PED	7	638189	6975511	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Quartz Chips
1011445	PED	7	638199	6975560	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011446	PED	7	638230	6975600	6/20/2011	Reddish Yellow	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011447	PED	7	638234	6975650	6/20/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011448	PED	7	638232	6975701	6/20/2011	Light Brown	Gravel	Damp	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Sand	
1011449	PED	7	638247	6975751	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011450	PED	7	638258	6975801	6/20/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1011451	PED	7	638791	6974903	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1011452	PED	7	638804	6974951	6/20/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	Rocky
1011453	PED	7	638813	6975001	6/20/2011	Grey	Sand	Dry	Subtle Slope	50	C	Birch Forest	Thin Moss Cover	Good	Rocky	Coarse
1011454	PED	7	638843	6975043	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	
1011455	PED	7	638872	6975085	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Coarse
1011456	PED	7	638918	6975108	6/20/2011	Grey	Clay	Dry	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Rocky	
1011457	PED	7	638947	6975149	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1011458	PED	7	638961	6975198	6/20/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011459	PED	7	638958	6975249	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011460	PED	7	638998	6975281	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011461	PED	7	639034	6975318	6/20/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Coarse	
1011462	PED	7	639045	6975368	6/20/2011	Bluish Grey	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011463	PED	7	639045	6975368	6/20/2011	Bluish Grey	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011464	PED	7	639065	6975414	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011465	PED	7	639087	6975460	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Black Spruce	Needle Cover	Good	Coarse	Rocky
1011466	PED	7	639128	6975490	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Needle Cover	Good	Coarse	
1011467	PED	7	639156	6975531	6/20/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Poplar	Reindeer Moss	Good	Sand	
1011468	PED	7	639188	6975571	6/20/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1011469	PED	7	639236	6975586	6/20/2011	Reddish Yellow	Clay	Dry	Subtle Slope	90	C	Black Spruce	Reindeer Moss	Good	Sand	
1011470	PED	7	639285	6975599	6/20/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Reindeer Moss	Good	Coarse	
1011471	PED	7	639335	6975599	6/20/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	
1011472	PED	7	639209	6975630	6/20/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Reindeer Moss	Good	Coarse	
1011473	PED	7	639248	6975664	6/20/2011	Light Grey	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Sand	
1011474	PED	7	639294	6975684	6/20/2011	Grey	Sand	Dry	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Good	Rocky	
1011475	PED	7	639337	6975710	6/20/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1011476	PED	7	639379	6975737	6/20/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011477	PED	7	639425	6975760	6/20/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	30	B	Black Spruce	Reindeer Moss	Good	Rocky	
1011478	PED	7	639465	6975792	6/20/2011	Light Brown	Sand	Dry	Subtle Slope	50	C	Alders	Sphagnum Moss < 30cm	Good	Clay	
1011479	PED	7	639470	6975842	6/20/2011	Dark Grey Black	Gravel	Dry	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	Rocky
1011480	PED	7	639508	6975875	6/20/2011	Dark Brown	Sand	Dry	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Rocky	Coarse
1011481	PED	7	639556	6975889	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Coarse	Clay
1011482	PED	7	639602	6975910	6/20/2011	Grey	Sand	Dry	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011483	PED	7	639642	6975943	6/20/2011	Dark Brown	Sand	Dry	Subtle Slope	30	B	Birch Forest	Leaf Cover	Good	Rocky	
1011484	PED	7	639673	6975983	6/20/2011	Grey	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1011485	PED	7	639718	6976006	6/20/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Alders	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1011486	PED	7	639756	6976040	6/20/2011	Dark Grey Black	Clay	Wet	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Poor	Sand	Partially Frozen
1011487	PED	7	639803	6976058	6/20/2011	Dark Grey Black	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Sand	Partially Frozen
1011488	PED	7	639755	6973462	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Black Spruce	Reindeer Moss	Good	Rocky	
1011489	PED	7	639712	6973489	6/21/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1011490	PED	7	639675	6973524	6/21/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	Alders	Thin Moss Cover	Good	Sand	Rocky
1011491	PED	7	639643	6973563	6/21/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Black Spruce	Thin Moss Cover	Good	Sand	Rocky
1011492	PED	7	639615	6973606	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Birch Forest	Thin Moss Cover	Good	Rocky	Fine
1011493	PED	7	639595	6973652	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1011494	PED	7	639570	6973697	6/21/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Alders	Leaf Cover	Good	Fine	Rocky
1011495	PED	7	639541	6973737	6/21/2011	Reddish Yellow	Gravel	Dry	Flat	60	C	Alders	Leaf Cover	Good	Sand	Rocky
1011496	PED	7	639514	6973780	6/21/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Alders	Leaf Cover	Poor	Sand	Rocky
1011497	PED	7	639482	6973820	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Leaf Cover	Good	Coarse	Rocky
1011498	PED	7	639452	6973862	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	Poplar	Leaf Cover	Good	Rocky	Clay
1011499	PED	7	639417	6973898	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Alders	Leaf Cover	Good	Rocky	
1011500	PED	7	639396	6973944	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Alders	Leaf Cover	Good	Rocky	Sand
1011501	PED	7	629837	6979060	6/7/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	B	No Tree Cover	Rock Cover	Good	Fine	Rocky
1011502	PED	7	629816	6979013	6/7/2011	Dark Brown	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Thin Moss Cover	Good	Rocky	
1011503	PED	7	629786	6978973	6/7/2011	Chocolate Brown	Silt	Dry	Subtle Slope	10	B	No Tree Cover	Thin Moss Cover	Poor	Sand	Rocky
1011504	PED	7	629764	6978928	6/7/2011	Dark Brown	Silt	Dry	Pronounced Slope	10	B	No Tree Cover	Thin Moss Cover	Good	Sand	Rocky
1011505	PED	7	629738	6978886	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	20	B	No Tree Cover	Thin Moss Cover	Good	Rocky	Organic 10%
1011506	PED	7	629656	6978758	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	No Tree Cover	Thin Moss Cover	Good	Rocky	
1011507	PED	7	629626	6978718	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Organic 25%	
1011508	PED	7	629592	6978681	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	20	B	No Tree Cover	Thin Moss Cover	Good	Rocky	
1011509	PED	7	629560	6978643	6/7/2011	Dark Brown	Sand	Dry	Pronounced Slope	20	C	No Tree Cover	Thin Moss Cover	Good	Rocky	
1011510	PED	7	627390	6974570	6/8/2011	Grey	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011511	PED	7	627357	6974532	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	Alders	Sphagnum Moss < 30cm	Good	Partially Frozen	Coarse
1011512	PED	7	630162	6979422	6/7/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	30	C	No Tree Cover	Thin Moss Cover	Good	Partially Frozen	Rocky
1011513	PED	7	630274	6971514	6/9/2011	Pale Greenish	Sand	Dry	Pronounced Slope	70	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1011514	PED	7	630246	6971471	6/9/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011515	PED	7	630219	6971428	6/9/2011	Light Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1011516	PED	7	630176	6971402	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1011517	PED	7	630176	6971402	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1011518	PED	7	627357	6974532	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	Alders	Sphagnum Moss < 30cm	Good	Partially Frozen	Coarse
1011519	PED	7	627329	6974490	6/8/2011	Grey	Sand	Damp	Subtle Slope	30	C	Alders	Sphagnum Moss < 30cm	Good	Partially Frozen	Quartz Chips
1011520	PED	7	627308	6974445	6/8/2011	Grey	Sand	Wet	Subtle Slope	70	C	Alders	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1011521	PED	7	627283	6974400	6/8/2011	Dark Brown	Sand	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011522	PED	7	629710	6978844	6/7/2011	Dark Brown	Sand	Damp	Subtle Slope	5	B	No Tree Cover	Thin Moss Cover	Poor	Organic 50%	Fine
1011523	PED	7	629685	6978801	6/7/2011	Dark Brown	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Thin Moss Cover	Good	Organic 25%	
1011524	PED	7	630469	6971741	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	Dwarf Birch	Leaf Cover	Good	Rocky	Small Sample
1011525	PED	7	630434	6971706	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1011526	PED	7	630400	6971670	6/9/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Rocky	Clay
1011527	PED	7	630366	6971632	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1011528	PED	7	630507	6971775	6/9/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Birch Forest	Leaf Cover	Good	Partially Frozen	
1011529	PED	7	629891	6970988	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Needle Cover	Good	Rocky	
1011530	PED	7	629920	6971028	6/9/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Rocky	Coarse
1011531	PED	7	629954	6971065	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Reindeer Moss	Good	Rocky	
1011532	PED	7	629986	6971104	6/9/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011533	PED	7	630016	6971146	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky	
1011534	PED	7	630042	6971190	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky	
1011535	PED	7	630075	6971229	6/9/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Rocky	
1011536	PED	7	630132	6971311	6/9/2011	Light Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Leaf Cover	Good	Rocky	
1011537	PED	7	630107	6971268	6/9/2011	Light Brown	Sand	Dry	Pronounced Slope	30	C	White Spruce	Leaf Cover	Good	Rocky	
1011538	PED	7	630152	6971358	6/9/2011	Light Brown	Sand	Dry	Flat	50	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	Loess
1011539	PED	7	629900	6970891	6/9/2011	Dark Brown	Gravel	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1011540	PED	7	629888	6970842	6/9/2011	Dark Brown	Gravel	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011541	PED	7	629898	6970793	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Quartz Chips	Rocky
1011542	PED	7	629922	6970749	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1011543	PED	7	629945	6970705	6/9/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011544	PED	7	629957	6970657	6/9/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011545	PED	7	629970	6970610	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Partially Frozen	
1011546	PED	7	630006	6970573	6/9/2011	Greyish Green	Sand	Dry	Flat	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011547	PED	7	630036	6970531	6/9/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011548	PED	7	630062	6970489	6/9/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen
1011549	PED	7	630100	6970456	6/9/2011	Reddish Brown	Sand	Dry	Flat	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011550	PED	7	630137	6970421	6/9/2011	Greyish Green	Sand	Dry	Flat	50	C	Poplar	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011551	PED	7	621923	6977640	6/30/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011552	PED	7	621895	6977681	6/30/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011553	PED	7	621863	6977719	6/30/2011	Dark Brown	Clay	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1011554	PED	7	621832	6977757	6/30/2011	Reddish Brown	Gravel	Damp	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust
1011555	PED	7	621801	6977796	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011556	PED	7	621768	6977834	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011557	PED	7	625490	6971642	6/18/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1011558	PED	7	625413	6971578	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Poor	Fine	Talus

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011559	PED	7	625450	6971610	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Poor	Fine	Talus
1011560	PED	7	625528	6971674	6/18/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1011561	PED	7	625565	6971708	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Grass Cover	Good	Fine	
1011562	PED	7	625606	6971740	6/18/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1011563	PED	7	625646	6971772	6/18/2011	Reddish Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011564	PED	7	625686	6971802	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Good	Coarse	Quartz Chips
1011565	PED	7	625727	6971831	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Coarse	
1011566	PED	7	625772	6971853	6/18/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Organic 25%
1011567	PED	7	625816	6971879	6/18/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	Quartz Chips
1011568	PED	7	625857	6971906	6/18/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Quartz Chips	Fine
1011569	PED	7	625904	6971928	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	No Tree Cover	Grass Cover	Poor	Fine	
1011570	PED	7	625955	6971934	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Coarse	
1011571	PED	7	626006	6971935	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Grass Cover	Good	Coarse	
1011572	PED	7	626054	6971950	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Black Spruce	Grass Cover	Good	Coarse	Quartz Chips
1011573	PED	7	626104	6971963	6/18/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	
1011574	PED	7	626159	6971966	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	Quartz Chips
1011575	PED	7	626207	6971977	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	Quartz Chips
1011576	PED	7	626256	6971987	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	Poplar	Grass Cover	Good	Coarse	
1011577	PED	7	626305	6972003	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	No Tree Cover	Grass Cover	Good	Coarse	
1011578	PED	7	626350	6972027	6/18/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Poplar	Bare Soil	Good	Fine	
1011579	PED	7	626395	6972050	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	Black Spruce	Grass Cover	Good	Fine	
1011580	PED	7	626435	6972079	6/18/2011	Reddish Brown	Silt	Damp	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1011581	PED	7	626464	6972120	6/18/2011	Reddish Orange	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1011582	PED	7	626486	6972164	6/18/2011	Reddish Brown	Sand	Dry	Pronounced Slope	100	C	Black Spruce	Grass Cover	Excellent	Fine	Quartz Chips
1011583	PED	7	626486	6972164	6/18/2011	Reddish Brown	Sand	Dry	Pronounced Slope	100	C	Black Spruce	Grass Cover	Excellent	Fine	Quartz Chips
1011584	PED	7	626515	6972205	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Grass Cover	Good	Fine	
1011585	PED	7	626536	6972249	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Fine	
1011586	PED	7	626561	6972292	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1011587	PED	7	626582	6972341	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Good	Coarse	Talus
1011588	PED	7	626609	6972383	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011589	PED	7	626630	6972428	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Grass Cover	Good	Coarse	
1011590	PED	7	626646	6972475	6/18/2011	Bluish Grey	Sand	Dry	Pronounced Slope	90	C	Black Spruce	Grass Cover	Excellent	Fine	Quartz Chips
1011591	PED	7	626573	6973328	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Bare Soil	Excellent	Coarse	
1011592	PED	7	626567	6973277	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011593	PED	7	626850	6973856	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1011594	PED	7	626573	6973227	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011595	PED	7	626573	6973227	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011596	PED	7	626883	6973894	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011597	PED	7	626643	6973570	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1011598	PED	7	626911	6973936	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011599	PED	7	626943	6973974	6/18/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	110	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1011600	PED	7	626676	6972841	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011601	PED	7	623553	6979657	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Alders	Reindeer Moss	Good	Partially Frozen	
1011602	PED	7	623555	6979607	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Alders	Reindeer Moss	Good	Partially Frozen	
1011603	PED	7	623553	6979558	6/10/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	C	Alders	Reindeer Moss	Good	Partially Frozen	
1011604	PED	7	623552	6979508	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Reindeer Moss	Good	Frozen	
1011605	PED	7	623544	6979457	6/10/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Organic 25%
1011606	PED	7	623525	6979411	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Alders	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011607	PED	7	623503	6979366	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Reindeer Moss	Good	Frozen	
1011608	PED	7	629909	6970940	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Needle Cover	Good	Coarse	Rocky
1011609	PED	7	629909	6970940	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Needle Cover	Good	Coarse	Rocky
1011610	PED	7	623432	6979233	6/10/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Frozen	
1011611	PED	7	623409	6979188	6/10/2011	Dark Brown	Sand	Damp	Pronounced Slope	30	C	Alders	Sphagnum Moss > 30cm	Poor	Small Sample	Frozen
1011612	PED	7	627605	6977990	6/11/2011	Dark Brown	Gravel	Damp	Pronounced Slope	30	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1011613	PED	7	623378	6979147	6/10/2011	Dark Brown	Sand	Wet	Pronounced Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Poor	Small Sample	Frozen
1011614	PED	7	623479	6979322	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Alders	Grass Cover	Good	Rocky	
1011615	PED	7	623353	6979104	6/10/2011	Light Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Bare Soil	Good	Transported Soil	Possible Creek Contamination
1011616	PED	7	623330	6979058	6/10/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011617	PED	7	623315	6979011	6/10/2011	Grey	Sand	Damp	Pronounced Slope	20	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011618	PED	7	623302	6978962	6/10/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Needle Cover	Good	Rocky	
1011619	PED	7	623286	6978915	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	C	Birch Forest	Sphagnum Moss < 30cm	Good	Frozen	
1011620	PED	7	623243	6978823	6/10/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Partially Frozen	
1011621	PED	7	623218	6978780	6/10/2011	Grey	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1011622	PED	7	623267	6978869	6/10/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1011623	PED	7	627633	6978442	6/11/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Rocky	
1011624	PED	7	627630	6978392	6/11/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1011625	PED	7	627627	6978341	6/11/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1011626	PED	7	627624	6978291	6/11/2011	Dark Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1011627	PED	7	627619	6978242	6/11/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1011628	PED	7	627617	6978192	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011629	PED	7	627611	6978141	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011630	PED	7	627610	6978091	6/11/2011	Dark Brown	Sand	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Rocky
1011631	PED	7	627609	6978040	6/11/2011	Dark Brown	Gravel	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011632	PED	7	623197	6978733	6/10/2011	Greyish Green	Sand	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1011633	PED	7	623179	6978685	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1011634	PED	7	627483	6977558	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011635	PED	7	627469	6977511	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1011636	PED	7	627457	6977463	6/11/2011	Grey	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1011637	PED	7	627442	6977416	6/11/2011	Dark Grey Black	Gravel	Wet	Subtle Slope	20	C	Dwarf Birch	Leaf Cover	Good	Wet Soil	Quartz Chips
1011638	PED	7	627430	6977367	6/11/2011	Dark Brown	Gravel	Damp	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1011639	PED	7	627415	6977319	6/11/2011	Light Brown	Gravel	Wet	Pronounced Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1011640	PED	7	623516	6979902	6/10/2011	Chocolate Brown	Sand	Wet	Flat	40	B	Alders	Reindeer Moss	Good	Rocky	Mud
1011641	PED	7	623530	6979854	6/10/2011	Chocolate Brown	Sand	Damp	Flat	20	C	Alders	Sphagnum Moss < 30cm	Good	Rocky	Mud
1011642	PED	7	623536	6979804	6/10/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Alders	Reindeer Moss	Good	Fine	Partially Frozen
1011643	PED	7	623547	6979756	6/10/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Alders	Reindeer Moss	Good	Fine	Sand
1011644	PED	7	623553	6979707	6/10/2011	Chocolate Brown	Sand	Wet	Flat	30	C	Alders	Reindeer Moss	Good	Rocky	Mud
1011645	PED	7	627603	6977938	6/11/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	Birch Forest	Leaf Cover	Good	Rocky	
1011646	PED	7	627603	6977888	6/11/2011	Dark Brown	Gravel	Wet	Pronounced Slope	30	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1011647	PED	7	627403	6977271	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1011648	PED	7	627389	6977224	6/11/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	20	C	White Spruce	Needle Cover	Good	Sand	Rocky
1011649	PED	7	627386	6977174	6/11/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	
1011650	PED	7	627386	6977174	6/11/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	
1011651	PED	7	622325	6979016	6/10/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Clay
1011652	PED	7	622297	6978974	6/10/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1011653	PED	7	622269	6978931	6/10/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Poplar	Leaf Cover	Good	Coarse	Clay
1011654	PED	7	622242	6978889	6/10/2011	Bluish Grey	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sand
1011655	PED	7	622215	6978847	6/10/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	Alders	Leaf Cover	Excellent	Rocky	Coarse
1011656	PED	7	622186	6978806	6/10/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1011657	PED	7	622159	6978764	6/10/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky	Coarse
1011658	PED	7	622131	6978720	6/10/2011	Dark Brown	Gravel	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Clay
1011659	PED	7	622104	6978678	6/10/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011660	PED	7	622075	6978637	6/10/2011	Reddish Brown	Gravel	Dry	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Big Round Boulders	Rocky
1011661	PED	7	622048	6978594	6/10/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Sand	Coarse
1011662	PED	7	622020	6978553	6/10/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1011663	PED	7	621994	6978510	6/10/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1011664	PED	7	621964	6978469	6/10/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011665	PED	7	621938	6978426	6/10/2011	Light Brown	Gravel	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1011666	PED	7	621907	6978387	6/10/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1011667	PED	7	621878	6978346	6/10/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Rocky	Coarse
1011668	PED	7	621849	6978305	6/10/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Sand	Coarse
1011669	PED	7	621823	6978263	6/10/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1011670	PED	7	621795	6978221	6/10/2011	Dark Blue Black	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1011671	PED	7	621767	6978179	6/10/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky	Coarse
1011672	PED	7	621743	6978135	6/10/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky	Coarse
1011673	PED	7	621714	6978093	6/10/2011	Light Brown	Gravel	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1011674	PED	7	622226	6980566	6/11/2011	Light Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Wet Soil	Rocky
1011675	PED	7	622497	6981562	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Old Burn	Rock Cover	Good	Coarse	Clay
1011676	PED	7	622469	6981522	6/11/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	Old Burn	Bare Soil	Excellent	Coarse	Sand
1011677	PED	7	622441	6981480	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Old Burn	Bare Soil	Good	Coarse	Clay
1011678	PED	7	622414	6981436	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Old Burn	Bare Soil	Good	Coarse	Clay
1011679	PED	7	622386	6981395	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Bare Soil	Good	Clay	Coarse
1011680	PED	7	622360	6981352	6/11/2011	Dark Brown	Sand	Dry	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Partially Frozen
1011681	PED	7	622514	6979052	6/10/2011	Reddish Orange	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Reindeer Moss	Excellent	Fine	
1011682	PED	7	622528	6979003	6/10/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Leaf Cover	Good	Coarse	
1011683	PED	7	622545	6978955	6/10/2011	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Organic 25%
1011684	PED	7	622548	6978902	6/10/2011	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	Black Spruce	Leaf Cover	Excellent	Fine	
1011685	PED	7	622575	6978859	6/10/2011	Reddish Orange	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Coarse	
1011686	PED	7	622588	6978810	6/10/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1011687	PED	7	622593	6978759	6/10/2011	Dark Grey Black	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1011688	PED	7	622529	6979105	6/10/2011	Reddish Orange	Sand	Damp	Pronounced Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1011689	PED	7	622514	6979052	6/10/2011	Reddish Orange	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Reindeer Moss	Excellent	Fine	
1011690	PED	7	622526	6979154	6/10/2011	Reddish Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Coarse	
1011691	PED	7	622589	6978709	6/10/2011	Reddish Brown	Sand	Dry	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1011692	PED	7	622588	6978659	6/10/2011	Reddish Orange	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Reindeer Moss	Good	Fine	
1011693	PED	7	622604	6978611	6/10/2011	Dark Grey Black	Sand	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1011694	PED	7	622612	6978562	6/10/2011	Dark Brown	Clay	Damp	Flat	30	B	Black Spruce	Reindeer Moss	Poor	Fine	
1011695	PED	7	622560	6978482	6/10/2011	Reddish Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Fine	
1011696	PED	7	622516	6978454	6/10/2011	Reddish Orange	Sand	Damp	Pronounced Slope	30	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1011697	PED	7	622473	6978429	6/10/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1011698	PED	7	622459	6978381	6/10/2011	Reddish Orange	Silt	Dry	Pronounced Slope	30	B	Black Spruce	Leaf Cover	Good	Coarse	Quartz Chips
1011699	PED	7	622445	6978330	6/10/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Thin Moss Cover	Good	Coarse	Talus
1011700	PED	7	622444	6978279	6/10/2011	Reddish Orange	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Coarse	Quartz Chips
1011701	PED	7	624312	6979169	6/10/2011	Reddish Yellow	Sand	Wet	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Wet Soil	Coarse
1011702	PED	7	621198	6980851	6/11/2011	Chocolate Brown	Gravel	Damp	Steep	20	B	White Spruce	Reindeer Moss	Good	Coarse	Rocky
1011703	PED	7	621199	6980801	6/11/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Mud
1011704	PED	7	621205	6980701	6/11/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Coarse
1011705	PED	7	621245	6980504	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Coarse
1011706	PED	7	621258	6980456	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Reindeer Moss	Good	Sand	Coarse
1011707	PED	7	621302	6980312	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	Dwarf Birch	Rock Cover	Poor	Sand	Rocky
1011708	PED	7	621326	6980268	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Reindeer Moss	Poor	Sand	Rocky
1011709	PED	7	621450	6979996	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Sand
1011710	PED	7	631030	6970358	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Bare Soil	Excellent	Small Sample	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011711	PED	7	631032	6970457	6/9/2011	Chocolate Brown	Silt	Dry	Steep	60	B	Poplar	Grass Cover	Good	Sand	Transported Soil
1011712	PED	7	631040	6970506	6/9/2011	Grey	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	Rocky
1011713	PED	7	631047	6970556	6/9/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Good	Sand	Rocky
1011714	PED	7	631058	6970605	6/9/2011	Chocolate Brown	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Excellent	Organic 10%	Rocky
1011715	PED	7	631077	6970702	6/9/2011	Chocolate Brown	Sand	Dry	Steep	20	C	White Spruce	Bare Soil	Good	Top of Cliff	Small Sample
1011716	PED	7	631095	6970749	6/9/2011	Chocolate Brown	Sand	Dry	Steep	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1011717	PED	7	630868	6971467	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	Clay
1011718	PED	7	630830	6971501	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1011719	PED	7	630793	6971536	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011720	PED	7	630750	6971561	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1011721	PED	7	630713	6971594	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1011722	PED	7	630671	6971623	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011723	PED	7	630626	6971646	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011724	PED	7	630583	6971672	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011725	PED	7	630538	6971692	6/9/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1011726	PED	7	631098	6970799	6/9/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011727	PED	7	631102	6970850	6/9/2011	Bluish Grey	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1011728	PED	7	631100	6970899	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Coarse
1011729	PED	7	631098	6970949	6/9/2011	Chocolate Brown	Silt	Dry	Steep	20	B	Poplar	Bare Soil	Good	Quartz Chips	Talus
1011730	PED	7	631111	6970997	6/9/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1011731	PED	7	631120	6971047	6/9/2011	Bluish Grey	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Coarse
1011732	PED	7	631104	6971094	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1011733	PED	7	631086	6971141	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011734	PED	7	631075	6971190	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	Quartz Chips
1011735	PED	7	631050	6971234	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Birch Forest	Thin Moss Cover	Excellent	Rocky	Coarse
1011736	PED	7	631022	6971276	6/9/2011	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1011737	PED	7	630990	6971314	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011738	PED	7	630972	6971361	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1011739	PED	7	630947	6971404	6/9/2011	Bluish Grey	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1011740	PED	7	630907	6971436	6/9/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1011751	PED	7	633960	6976942	6/19/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Leaf Cover	Poor	Organic 25%	Clay
1011752	PED	7	634009	6976949	6/19/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Leaf Cover	Poor	Clay	Fine
1011753	PED	7	634058	6976958	6/19/2011	Dark Grey Black	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Leaf Cover	Good	Coarse	Rocky Terrain
1011754	PED	7	634108	6976964	6/19/2011	Dark Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Leaf Cover	Good	Coarse	Clay
1011755	PED	7	634158	6976973	6/19/2011	Dark Grey Black	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Rock Cover	Good	Clay	Coarse
1011756	PED	7	634207	6976984	6/19/2011	Dark Grey Black	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Good	Coarse	Clay
1011757	PED	7	634256	6976994	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Rock Cover	Good	Coarse	Clay
1011758	PED	7	634303	6977006	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Rock Cover	Good	Coarse	Clay
1011759	PED	7	634352	6977016	6/19/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Rock Cover	Poor	Organic 25%	Coarse
1011760	PED	7	634400	6977027	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	No Tree Cover	Rock Cover	Good	Coarse	Rocky Terrain
1011761	PED	7	634449	6977038	6/19/2011	Dark Brown	Gravel	Wet	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rusty Rock Chip
1011762	PED	7	634547	6977060	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1011763	PED	7	634594	6977075	6/19/2011	Dark Brown	Gravel	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rusty Rock Chip	Coarse
1011764	PED	7	634642	6977089	6/19/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Fine
1011765	PED	7	634691	6977104	6/19/2011	Dark Brown	Gravel	Dry	Pronounced Slope	50	C	Dwarf Birch	Rock Cover	Excellent	Dull Red Rust	Coarse
1011766	PED	7	634739	6977118	6/19/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	Dwarf Birch	Rock Cover	Excellent	Coarse	Rocky Terrain
1011767	PED	7	634787	6977131	6/19/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	70	C	Dwarf Birch	Leaf Cover	Excellent	Dull Red Rust	Coarse
1011768	PED	7	634835	6977132	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1011769	PED	7	634885	6977134	6/19/2011	Chocolate Brown	Gravel	Dry	Flat	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1011770	PED	7	634885	6977134	6/19/2011	Chocolate Brown	Gravel	Dry	Flat	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1011771	PED	7	634935	6977136	6/19/2011	Yellow	Silt	Dry	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Poor	Fine	Sandy
1011772	PED	7	634985	6977136	6/19/2011	Dark Blue Black	Silt	Dry	Subtle Slope	30	B	Birch Forest	Leaf Cover	Poor	Fine	Sandy
1011773	PED	7	635034	6977143	6/19/2011	Dark Brown	Clay	Wet	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Organic 25%	Coarse
1011774	PED	7	635084	6977146	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Leaf Cover	Good	Coarse	Rocky
1011775	PED	7	635133	6977152	6/19/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Organic 25%	Small Sample
1011776	PED	7	635184	6977157	6/19/2011	Dark Grey Black	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1011777	PED	7	635232	6977161	6/19/2011	Dark Blue Black	Silt	Dry	Subtle Slope	50	B	Poplar	Leaf Cover	Good	Fine	Small Sample
1011778	PED	7	635283	6977162	6/19/2011	Dark Brown	Clay	Dry	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Coarse	Clay
1011779	PED	7	635333	6977160	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Coarse	Clay
1011780	PED	7	635383	6977158	6/19/2011	Bluish Grey	Clay	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	Coarse
1011781	PED	7	635434	6977157	6/19/2011	Grey	Sand	Damp	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1011782	PED	7	635486	6977157	6/19/2011	Dark Brown	Clay	Wet	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Mud	Coarse
1011783	PED	7	621423	6978256	6/30/2011	Light Brown	Gravel	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011784	PED	7	621451	6978215	6/30/2011	Light Brown	Gravel	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011785	PED	7	621478	6978173	6/30/2011	Light Brown	Gravel	Wet	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011786	PED	7	621478	6978173	6/30/2011	Light Brown	Gravel	Wet	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011787	PED	7	628746	6977193	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1011788	PED	7	628697	6977202	6/21/2011	Chocolate Brown	Clay	Wet	Flat	50	B	No Tree Cover	Thin Moss Cover	Good	Coarse	Quartz Chips
1011789	PED	7	633240	6976623	6/19/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1011790	PED	7	633265	6976580	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	
1011792	PED	7	633289	6976536	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	
1011793	PED	7	633314	6976494	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	Dwarf Birch	Rock Cover	Poor	Small Sample	Talus
1011794	PED	7	633336	6976449	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	Coarse
1011795	PED	7	633384	6976359	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Organic 10%	Talus
1011796	PED	7	633408	6976315	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	
1011797	PED	7	633432	6976271	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011798	PED	7	633458	6976228	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Talus
1011799	PED	7	633482	6976184	6/19/2011	Dark Blue Black	Silt	Wet	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	
1011800	PED	7	633509	6976139	6/19/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Old Burn	Sphagnum Moss < 30cm	Good	Coarse	
1011801	PED	7	625425	6972687	6/25/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Sandy	Rocky Sample
1011802	PED	7	625239	6972496	6/25/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Mud	Organic 25%
1011803	PED	7	625268	6972536	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1011804	PED	7	625277	6972585	6/25/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample	Small Sample
1011805	PED	7	625283	6972635	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1011806	PED	7	624269	6972162	6/25/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Poplar	Grass Cover	Poor	Organic 10%	Rocky Sample
1011807	PED	7	623942	6972727	6/18/2011	Chocolate Brown	Silt	Dry	Steep	50	B	Poplar	Grass Cover	Good	Sand	Talus
1011809	PED	7	623768	6972904	6/18/2011	Dark Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Sand	Fine
1011810	PED	7	623737	6972944	6/18/2011	Chocolate Brown	Silt	Dry	Steep	70	C	No Tree Cover	Leaf Cover	Good	Sand	Fine
1011811	PED	7	623469	6973365	6/18/2011	Chocolate Brown	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Good	Talus	Rocky
1011812	PED	7	623448	6973411	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Sand	Talus
1011813	PED	7	623426	6973455	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Sand	Organic 10%
1011814	PED	7	623407	6973501	6/18/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Poor	Organic 25%	Small Sample
1011815	PED	7	623396	6973551	6/18/2011	Chocolate Brown	Silt	Dry	Steep	50	B	Poplar	Grass Cover	Good	Organic 10%	Talus
1011816	PED	7	623374	6973649	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Poor	Rocky	Organic 50%
1011817	PED	7	623384	6973600	6/18/2011	Chocolate Brown	Sand	Dry	Steep	30	B	Poplar	Grass Cover	Poor	Talus	Organic 25%
1011818	PED	7	623364	6973698	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	Poplar	Grass Cover	Good	Sand	Fine
1011819	PED	7	623355	6973747	6/18/2011	Bluish Grey	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	Sand
1011820	PED	7	623343	6973796	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	Poplar	Grass Cover	Poor	Organic 50%	Fine
1011821	PED	7	607237	6978630	6/19/2011	Chocolate Brown	Clay	Wet	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Poor	Mud	
1011822	PED	7	607214	6978578	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1011823	PED	7	607202	6978530	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1011824	PED	7	607184	6978483	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011825	PED	7	607153	6978443	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1011826	PED	7	607128	6978400	6/19/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	
1011827	PED	7	607118	6978350	6/19/2011	Reddish Orange	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1011829	PED	7	633575	6974160	6/19/2011	Dark Brown	Sand	Damp	Steep	70	C	Birch Forest	Leaf Cover	Good	Fine	Rocky
1011830	PED	7	633600	6974117	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	60	B	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1011831	PED	7	633604	6974068	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Fine	Rocky
1011832	PED	7	633617	6974020	6/19/2011	Dark Brown	Silt	Dry	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Poor	Fine	Rocky Terrain
1011833	PED	7	633624	6973969	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Coarse	Rocky Terrain
1011834	PED	7	633626	6973919	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Fine	
1011835	PED	7	633630	6973869	6/19/2011	Dark Brown	Silt	Wet	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Good	Possible Creek Contamination	Dull Red Rust
1011836	PED	7	633638	6973770	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Poor	Fine	Rocky Terrain
1011837	PED	7	633644	6973721	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Fine	Rocky Sample
1011838	PED	7	633645	6973670	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Rocky Sample	Rocky Terrain
1011839	PED	7	633627	6973621	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Thin Moss Cover	Good	Coarse	Rocky Terrain
1011840	PED	7	633628	6973571	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Poor	Rocky Terrain	Fine
1011841	PED	7	629179	6977200	6/21/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain	Partially Frozen
1011842	PED	7	629148	6977213	6/21/2011	Dark Brown	Gravel	Wet	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1011843	PED	7	629098	6977206	6/21/2011	Dark Brown	Silt	Wet	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Sample	Partially Frozen
1011844	PED	7	629048	6977204	6/21/2011	Dark Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Excellent	Partially Frozen	Rocky Terrain
1011845	PED	7	628997	6977201	6/21/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Frozen	Quartz Chips
1011846	PED	7	628947	6977200	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	80	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1011847	PED	7	628947	6977200	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	80	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1011848	PED	7	628897	6977198	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	100	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1011849	PED	7	628847	6977195	6/21/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rusty Rock Chip
1011850	PED	7	628797	6977195	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rusty Rock Chip
1011851	PED	7	619938	6982796	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Poor	Coarse	Rocky
1011852	PED	7	619916	6982750	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Pine	Thin Moss Cover	Good	Clay	Rocky
1011853	PED	7	619897	6982703	6/25/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Subalpine Fir	Thin Moss Cover	Poor	Mud	Rocky
1011854	PED	7	619892	6982652	6/25/2011	Dark Brown	Clay	Damp	Pronounced Slope	60	B	Willows	Thin Moss Cover	Poor	Organic 25%	Rocky Terrain
1011855	PED	7	619893	6982603	6/25/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	Black Spruce	Thin Moss Cover	Poor	Organic 10%	Rocky Terrain
1011856	PED	7	619893	6982553	6/25/2011	Bluish Grey	Clay	Damp	Pronounced Slope	50	B	Black Spruce	Thin Moss Cover	Poor	Organic 25%	Rocky Terrain
1011857	PED	7	619892	6982502	6/25/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Willows	Thin Moss Cover	Good	Sandy	Organic 10%
1011858	PED	7	619882	6982453	6/25/2011	Dark Blue Black	Clay	Damp	Pronounced Slope	70	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Organic 25%
1011859	PED	7	619867	6982406	6/25/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Willows	Thin Moss Cover	Good	Rocky Sample	Organic 10%
1011860	PED	7	619841	6982360	6/25/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Good	Sandy	Organic 10%
1011861	PED	7	619819	6982316	6/25/2011	Dark Brown	Clay	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Sandy	Organic 10%
1011862	PED	7	619795	6982272	6/25/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Quartz Chips
1011863	PED	7	619770	6982228	6/25/2011	Dark Blue Black	Sand	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Organic 10%	Quartz Chips
1011864	PED	7	619746	6982183	6/25/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Coarse	Rocky
1011865	PED	7	619721	6982138	6/25/2011	Dark Brown	Clay	Wet	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Poor	Mud	Organic 25%
1011866	PED	7	619704	6982090	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky Sample
1011867	PED	7	619694	6982042	6/25/2011	Dark Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Rocky
1011868	PED	7	619678	6981995	6/25/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Organic 10%
1011869	PED	7	619674	6981943	6/25/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1011870	PED	7	619674	6981944	6/25/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1011871	PED	7	619671	6981892	6/25/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Coarse	Sandy
1011872	PED	7	619678	6981842	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Dull Red Rust
1011873	PED	7	619672	6981793	6/25/2011	Reddish Brown	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Dull Red Rust
1011874	PED	7	619674	6981792	6/25/2011	Reddish Brown	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Dull Red Rust
1011875	PED	7	619679	6981743	6/25/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Good	Clay	Organic 10%

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011876	PED	7	619681	6981693	6/25/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Dull Red Rust
1011877	PED	7	619678	6981642	6/25/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust
1011878	PED	7	619677	6981592	6/25/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1011879	PED	7	619666	6981543	6/25/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust
1011880	PED	7	619655	6981494	6/25/2011	Dark Brown	Sand	Dry	Pronounced Slope	100	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1011881	PED	7	619647	6981445	6/25/2011	Dark Brown	Sand	Damp	Pronounced Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Small Sample	Rocky Terrain
1011882	PED	7	619646	6981395	6/25/2011	Dark Brown	Sand	Damp	Steep	40	C	Poplar	Leaf Cover	Good	Coarse	Organic 10%
1011883	PED	7	619628	6981348	6/25/2011	Dark Brown	Sand	Damp	Steep	30	C	Black Spruce	Leaf Cover	Good	Coarse	Rocky Terrain
1011884	PED	7	619621	6981299	6/25/2011	Dark Brown	Sand	Damp	Steep	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1011885	PED	7	619613	6981249	6/25/2011	Dark Brown	Sand	Damp	Steep	90	C	Poplar	Grass Cover	Good	Clay	Organic 10%
1011886	PED	7	606656	6986369	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	50	B	Dwarf Birch	Thin Moss Cover	Poor	Organic 25%	Rocky Terrain
1011887	PED	7	606704	6986385	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Sandy	Mud
1011888	PED	7	606752	6986399	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	B	Dwarf Birch	Thin Moss Cover	Poor	Organic 25%	Rocky Terrain
1011889	PED	7	606800	6986414	7/2/2011	Dark Brown	Clay	Damp	Pronounced Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Organic 25%	Rocky Terrain
1011890	PED	7	606848	6986429	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1011891	PED	7	627330	6971090	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1011892	PED	7	627282	6971101	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1011893	PED	7	627233	6971109	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1011894	PED	7	627184	6971108	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky Sample
1011895	PED	7	627134	6971106	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Coarse
1011896	PED	7	627084	6971106	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1011897	PED	7	633335	6979873	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	80	B	Old Burn	Leaf Cover	Good	Fine	
1011898	PED	7	633382	6979853	7/1/2011	Dark Brown	Silt	Damp	Pronounced Slope	80	A	White Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Fine
1011899	PED	7	633433	6979851	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Fine
1011900	PED	7	633482	6979848	7/1/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Rocky
1011901	PED	7	607430	6984469	6/24/2011	Reddish Brown	Sand	Dry	Subtle Slope	20	C	Willows	Thin Moss Cover	Good	Rocky	
1011902	PED	7	607479	6984480	6/24/2011	Reddish Brown	Sand	Wet	Subtle Slope	40	C	Willows	Thin Moss Cover	Good	Frozen	
1011903	PED	7	607528	6984490	6/24/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Willows	Thin Moss Cover	Good	Fine	
1011904	PED	7	607576	6984504	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Willows	Thin Moss Cover	Good	Fine	
1011905	PED	7	607626	6984511	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Willows	Thin Moss Cover	Good	Fine	
1011906	PED	7	607675	6984520	6/24/2011	Dark Brown	Silt	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Poor	Frozen	Sandy
1011907	PED	7	607724	6984530	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Willows	Thin Moss Cover	Good	Organic 10%	
1011908	PED	7	607774	6984531	6/24/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Willows	Thin Moss Cover	Poor	Organic 10%	Rocky Terrain
1011909	PED	7	607823	6984534	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Willows	Thin Moss Cover	Poor	Organic 10%	Rocky
1011910	PED	7	607872	6984540	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Willows	Thin Moss Cover	Good	Coarse	
1011911	PED	7	607921	6984548	6/24/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Willows	Thin Moss Cover	Good	Sandy	Rocky Terrain
1011912	PED	7	607971	6984554	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1011913	PED	7	608020	6984565	6/24/2011	Dark Brown	Sand	Wet	Subtle Slope	50	C	Willows	Thin Moss Cover	Good	Frozen	
1011914	PED	7	608069	6984573	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Mud	Organic 10%
1011915	PED	7	608120	6984582	6/24/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	C	Willows	Thin Moss Cover	Good	Sandy	Rocky
1011916	PED	7	608169	6984592	6/24/2011	Chocolate Brown	Silt	Damp	Flat	40	B	Dwarf Birch	Thin Moss Cover	Poor	Sandy	
1011917	PED	7	608217	6984602	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	
1011918	PED	7	608267	6984610	6/24/2011	Dark Brown	Sand	Damp	Flat	50	C	Black Spruce	Thin Moss Cover	Good	Mud	
1011919	PED	7	608318	6984611	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1011920	PED	7	608367	6984614	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	
1011921	PED	7	608417	6984612	6/24/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1011922	PED	7	608468	6984610	6/24/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1011923	PED	7	608467	6984610	6/24/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1011924	PED	7	608518	6984611	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Fine	Rocky
1011925	PED	7	608567	6984604	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Thin Moss Cover	Good	Rocky	
1011926	PED	7	608617	6984604	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1011927	PED	7	608665	6984594	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Rocky	
1011928	PED	7	608665	6984593	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Rocky	
1011929	PED	7	608715	6984585	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Organic 10%	Rocky
1011930	PED	7	608764	6984578	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Organic 10%	Rocky
1011931	PED	7	608814	6984574	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1011932	PED	7	608863	6984568	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1011933	PED	7	608913	6984562	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1011934	PED	7	608961	6984553	6/24/2011	Light Brown	Sand	Wet	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Rocky Terrain	
1011935	PED	7	609010	6984539	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1011937	PED	7	612841	6982622	6/26/2011	Dark Olivine Green	Sand	Dry	Flat	110	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1011938	PED	7	612890	6982608	6/26/2011	Greyish Green	Sand	Dry	Flat	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1011939	PED	7	612926	6982573	6/26/2011	Reddish Brown	Sand	Dry	Flat	60	C	White Spruce	Leaf Cover	Excellent	Coarse	
1011940	PED	7	612957	6982534	6/26/2011	Reddish Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1011941	PED	7	612991	6982497	6/26/2011	Reddish Brown	Gravel	Dry	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Sandy	
1011942	PED	7	613028	6982463	6/26/2011	Reddish Brown	Gravel	Damp	Flat	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1011943	PED	7	613065	6982429	6/26/2011	Chocolate Brown	Gravel	Dry	Flat	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Quartz Chips
1011944	PED	7	613097	6982390	6/26/2011	Chocolate Brown	Gravel	Dry	Flat	30	C	Poplar	Thin Moss Cover	Good	Quartz Chips	Dull Red Rust
1011945	PED	7	613121	6982347	6/26/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Thin Moss Cover	Good	Quartz Chips	
1011946	PED	7	613157	6982312	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Coarse	
1011947	PED	7	613186	6982272	6/26/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Rocky	
1011948	PED	7	613184	6982271	6/26/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Good	Rocky	
1011949	PED	7	613215	6982232	6/26/2011	Reddish Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sandy	
1011950	PED	7	613256	6982201	6/26/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Leaf Cover	Excellent	Fine	
1011951	PED	7	626617	6973527	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1011952	PED	7	626677	6972552	6/18/2011	Grey	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1011953	PED	7	628647	6977195	6/21/2011	Dark Brown	Clay	Damp	Subtle Slope	70	B	Dwarf Birch	Thin Moss Cover	Good	Quartz Chips	Fine
1011954	PED	7	628597	6977192	6/21/2011	Dark Brown	Silt	Wet	Subtle Slope	90	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1011955	PED	7	628547	6977192	6/21/2011	Chocolate Brown	Silt	Damp	Subtle Slope	110	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Outcrop Nearby
1011956	PED	7	628497	6977193	6/21/2011	Reddish Brown	Gravel	Damp	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1011957	PED	7	628446	6977197	6/21/2011	Chocolate Brown	Clay	Damp	Flat	60	B	Dwarf Birch	Thin Moss Cover	Good	Fine	Outcrop Nearby
1011958	PED	7	628397	6977204	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Fine	Outcrop Nearby
1011959	PED	7	628346	6977212	6/21/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Outcrop Nearby
1011960	PED	7	628300	6977236	6/21/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Outcrop Nearby
1011961	PED	7	628251	6977227	6/21/2011	Dark Brown	Sand	Wet	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1011962	PED	7	628203	6977241	6/21/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1011963	PED	7	628156	6977255	6/21/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1011964	PED	7	628105	6977262	6/21/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Rocky Sample
1011965	PED	7	628056	6977276	6/21/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1011966	PED	7	628007	6977284	6/21/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Fine	Rocky Terrain
1011967	PED	7	627956	6977294	6/21/2011	Chocolate Brown	Silt	Wet	Steep	70	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1011968	PED	7	627907	6977306	6/21/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	60	B	Birch Forest	Rock Cover	Good	Rocky	Rocky Terrain
1011969	PED	7	627857	6977317	6/21/2011	Chocolate Brown	Silt	Damp	Subtle Slope	20	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Organic 10%
1011970	PED	7	627808	6977328	6/21/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Grass Cover	Excellent	Coarse	Partially Frozen
1011971	PED	7	627761	6977344	6/21/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Birch Forest	Grass Cover	Good	Coarse	
1011972	PED	7	627711	6977355	6/21/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Partially Frozen	
1011973	PED	7	627664	6977373	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Fine	Quartz Chips
1011974	PED	7	627615	6977385	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Birch Forest	Leaf Cover	Excellent	Coarse	Quartz Chips
1011975	PED	7	627566	6977397	6/21/2011	Dark Brown	Sand	Damp	Pronounced Slope	100	C	Birch Forest	Leaf Cover	Excellent	Coarse	Quartz Chips
1011976	PED	7	636666	6979006	6/23/2011	Reddish Orange	Sand	Dry	Flat	110	C	Old Burn	Burnt Moss	Excellent	Fine	
1011977	PED	7	636666	6979006	6/23/2011	Reddish Orange	Sand	Dry	Flat	110	C	Old Burn	Burnt Moss	Excellent	Fine	
1011978	PED	7	636712	6978987	6/23/2011	Reddish Yellow	Sand	Dry	Subtle Slope	110	C	Old Burn	Burnt Moss	Excellent	Fine	
1011979	PED	7	636712	6978987	6/23/2011	Reddish Yellow	Sand	Dry	Subtle Slope	110	C	Old Burn	Burnt Moss	Excellent	Fine	
1011980	PED	7	636752	6978957	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Rocky
1011981	PED	7	636800	6978940	6/23/2011	Grey	Silt	Dry	Subtle Slope	80	C	Old Burn	Thin Moss Cover	Excellent	Coarse	Rocky Sample
1011982	PED	7	636837	6978906	6/23/2011	Light Brown	Sand	Dry	Subtle Slope	110	C	Old Burn	Bare Soil	Excellent	Coarse	Bright Orange Rust
1011983	PED	7	636886	6978901	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Old Burn	Thin Moss Cover	Excellent	Coarse	
1011984	PED	7	636936	6978911	6/23/2011	Light Brown	Sand	Dry	Subtle Slope	110	C	Old Burn	Thin Moss Cover	Excellent	Fine	Bright Orange Rust
1011985	PED	7	636984	6978906	6/23/2011	Reddish Brown	Sand	Dry	Subtle Slope	100	C	Old Burn	Thin Moss Cover	Excellent	Fine	
1011986	PED	7	637030	6978927	6/23/2011	Chocolate Brown	Sand	Dry	Flat	110	C	Old Burn	Burnt Moss	Excellent	Coarse	Bright Orange Rust
1011987	PED	7	637079	6978912	6/23/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky Terrain
1011988	PED	7	637117	6978880	6/23/2011	Dark Brown	Silt	Dry	Subtle Slope	100	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1011989	PED	7	637165	6978866	6/23/2011	Light Brown	Clay	Damp	Subtle Slope	110	C	Old Burn	Burnt Moss	Excellent	Coarse	Bright Orange Rust
1011990	PED	7	626579	6976177	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1011991	PED	7	626579	6976177	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1011992	PED	7	622197	6977284	6/30/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1011993	PED	7	622230	6977246	6/30/2011	Light Brown	Gravel	Wet	Pronounced Slope	60	C	Black Spruce	Burnt Moss	Excellent	Coarse	Mud
1011994	PED	7	622264	6977209	6/30/2011	Reddish Yellow	Gravel	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1011995	PED	7	622297	6977171	6/30/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1011996	PED	7	622331	6977134	6/30/2011	Reddish Yellow	Gravel	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1011997	PED	7	622358	6977092	6/30/2011	Light Brown	Gravel	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1011998	PED	7	622380	6977047	6/30/2011	Dark Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1011999	PED	7	622130	6977357	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Black Spruce	Burnt Moss	Excellent	Coarse	Rocky
1012501	PED	7	614259	6984529	6/6/2011	Reddish Orange	Sand	Wet	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Clay	
1012502	PED	7	614284	6984625	6/6/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Fine	
1012503	PED	7	614305	6984722	6/6/2011	Light Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Fine	
1012504	PED	7	614333	6984822	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Needle Cover	Good	Fine	
1012505	PED	7	614371	6984910	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Partially Frozen	
1012506	PED	7	614400	6985001	6/6/2011	Dark Olivine Green	Silt	Damp	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Fine	
1012507	PED	7	614435	6985093	6/6/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Old Burn	Needle Cover	Good	Fine	
1012508	PED	7	614457	6985198	6/6/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Old Burn	Thin Moss Cover	Good	Clay	
1012509	PED	7	614489	6985296	6/6/2011	Dark Brown	Clay	Damp	Pronounced Slope	60	C	Poplar	Needle Cover	Good	Fine	
1012510	PED	7	614521	6985390	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Thin Moss Cover	Good	Clay	
1012511	PED	7	614598	6985449	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Old Burn	Burnt Moss	Good	Partially Frozen	
1012512	PED	7	614674	6985513	6/6/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Clay	
1012513	PED	7	614735	6985600	6/6/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1012514	PED	7	614735	6985600	6/6/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1012515	PED	7	614663	6985672	6/6/2011	Light Grey	Silt	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Quartz Chips	
1012516	PED	7	614626	6985709	6/6/2011	Dark Blue Black	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Fine	
1012517	PED	7	635118	6968424	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Small Sample	Organic 25%
1012518	PED	7	635140	6968468	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Clay	
1012519	PED	7	635167	6968424	6/6/2011	Reddish Brown	Sand	Dry	Pronounced Slope	110	C	Poplar	Leaf Cover	Excellent	Fine	
1012520	PED	7	635216	6968435	6/6/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Leaf Cover	Good	Fine	
1012521	PED	7	635260	6968460	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1012522	PED	7	635300	6968489	6/6/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Leaf Cover	Good	Rocky	Organic 10%
1012524	PED	7	635327	6968531	6/6/2011	Reddish Orange	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Fine	
1012525	PED	7	635327	6968531	6/6/2011	Reddish Orange	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Fine	
1012526	PED	7	635317	6968581	6/6/2011	Dark Brown	Sand	Damp	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Organic 10%	
1012527	PED	7	635347	6968622	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Leaf Cover	Good	Rocky	
1012528	PED	7	635375	6968668	6/6/2011	Pale Greenish	Sand	Damp	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Rocky	
1012529	PED	7	635407	6968705	6/6/2011	Reddish Brown	Sand	Dry	Subtle Slope	20	C	Black Spruce	Leaf Cover	Good	Rocky	
1012530	PED	7	635450	6968734	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Rocky	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1012531	PED	7	635482	6968775	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	20	B	Poplar	Leaf Cover	Poor	Rocky	
1012532	PED	7	635520	6968806	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	20	C	Poplar	Leaf Cover	Good	Rocky	
1012533	PED	7	635407	6969170	6/6/2011	Dark Brown	Sand	Damp	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Rocky	
1012534	PED	7	635011	6968159	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Clay	
1012535	PED	7	635011	6968159	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Clay	
1012552	PED	7	644882	6968611	6/8/2011	Chocolate Brown	Clay	Dry	Steep	50	B	Poplar	Grass Cover	Excellent	Transported Soil	
1012553	PED	7	644919	6968644	6/8/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1012554	PED	7	644975	6968660	6/8/2011	Dark Blue Black	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Excellent	Coarse	
1012555	PED	7	645022	6968679	6/8/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1012556	PED	7	645116	6968723	6/8/2011	Chocolate Brown	Sand	Dry	Steep	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Fine	
1012557	PED	7	645069	6968700	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	
1012558	PED	7	645169	6968727	6/8/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	70	B	White Spruce	Sphagnum Moss > 30cm	Excellent	Fine	
1012559	PED	7	645224	6968744	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012560	PED	7	645282	6968757	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012561	PED	7	645335	6968779	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1012562	PED	7	645387	6968792	6/8/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1012563	PED	7	645413	6968843	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Needle Cover	Excellent	Sand	
1012564	PED	7	645439	6968894	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1012565	PED	7	645468	6968932	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1012566	PED	7	645461	6968987	6/8/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1012567	PED	7	645494	6969027	6/8/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1012568	PED	7	645537	6969049	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Fine	
1012569	PED	7	645584	6969066	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012570	PED	7	645635	6969082	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1012571	PED	7	645624	6969134	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012572	PED	7	645636	6969189	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	White Spruce	Leaf Cover	Excellent	Sand	
1012573	PED	7	645680	6969233	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1012574	PED	7	645711	6969274	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Needle Cover	Excellent	Sand	
1012575	PED	7	645733	6969319	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1012576	PED	7	645753	6969614	6/8/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Fine	
1012577	PED	7	645771	6969569	6/8/2011	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Bare Soil	Excellent	Fine	
1012578	PED	7	645804	6969529	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Fine
1012579	PED	7	645839	6969494	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012580	PED	7	645755	6969369	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1012581	PED	7	645785	6969406	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Willows	Sphagnum Moss < 30cm	Excellent	Sand	
1012582	PED	7	645810	6969453	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	30	B	White Spruce	Leaf Cover	Good	Clay	
1012583	PED	7	643440	6970147	6/9/2011	Light Brown	Sand	Dry	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1012584	PED	7	641001	6976253	6/10/2011	Grey	Silt	Damp	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1012585	PED	7	643440	6970147	6/9/2011	Light Brown	Sand	Dry	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1012586	PED	7	640957	6976280	6/10/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012587	PED	7	641040	6976216	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1012588	PED	7	641060	6976165	6/10/2011	Grey	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012589	PED	7	643336	6970099	6/9/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1012590	PED	7	643387	6970123	6/9/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1012591	PED	7	643283	6970089	6/9/2011	Grey	Gravel	Dry	Steep	50	C	Poplar	Bare Soil	Excellent	Rocky	
1012592	PED	7	643230	6970088	6/9/2011	Chocolate Brown	Gravel	Dry	Steep	60	C	Poplar	Grass Cover	Good	Rocky	
1012593	PED	7	643176	6970090	6/9/2011	Chocolate Brown	Gravel	Dry	Steep	40	C	Poplar	Leaf Cover	Good	Rocky	
1012594	PED	7	643126	6970085	6/9/2011	Chocolate Brown	Sand	Dry	Steep	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Loess	
1012595	PED	7	643079	6970064	6/9/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Clay	
1012596	PED	7	643028	6970049	6/9/2011	Grey	Sand	Dry	Pronounced Slope	30	C	Poplar	Bare Soil	Excellent	Fine	
1012597	PED	7	642960	6970043	6/9/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Bare Soil	Excellent	Fine	
1012598	PED	7	642908	6970040	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Grass Cover	Good	Rocky	
1012599	PED	7	642855	6970047	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Subalpine Fir	Bare Soil	Excellent	Fine	
1012600	PED	7	642800	6970051	6/9/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Bare Soil	Good	Sand	
1012601	PED	7	629047	6976624	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Reindeer Moss	Good	Quartz Chips	
1012602	PED	7	629001	6976606	6/12/2011	Chocolate Brown	Gravel	Dry	Flat	50	C	Alders	Reindeer Moss	Good	Quartz Chips	
1012603	PED	7	628952	6976597	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Alders	Reindeer Moss	Good	Rocky	
1012604	PED	7	628903	6976586	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Frozen	
1012605	PED	7	628854	6976578	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Alders	Reindeer Moss	Good	Partially Frozen	
1012608	PED	7	618828	6974776	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1012609	PED	7	618864	6974742	6/23/2011	Greyish Green	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1012610	PED	7	618899	6974706	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	
1012611	PED	7	618940	6974674	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1012612	PED	7	618976	6974639	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Good	Quartz Chips	
1012613	PED	7	619015	6974607	6/23/2011	Greyish Green	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1012614	PED	7	619056	6974577	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Coarse	
1012615	PED	7	619093	6974544	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1012616	PED	7	619134	6974516	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1012617	PED	7	619171	6974480	6/23/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Coarse	
1012618	PED	7	619169	6974480	6/23/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Coarse	
1012619	PED	7	619206	6974447	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Coarse	
1012620	PED	7	620000	6973926	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Outcrop Nearby
1012621	PED	7	620050	6973924	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Outcrop Nearby
1012622	PED	7	620078	6973882	6/23/2011	Chocolate Brown	Silt	Dry	Steep	30	B	White Spruce	Sphagnum Moss > 30cm	Poor	Loess	
1012624	PED	7	619247	6974418	6/23/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1012625	PED	7	619277	6974378	6/23/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Fine	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1012626	PED	7	619317	6974347	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Dull Red Rust	
1012627	PED	7	619350	6974310	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1012628	PED	7	619389	6974279	6/23/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Quartz Chips
1012629	PED	7	619437	6974268	6/23/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Needle Cover	Good	Sandy	
1012630	PED	7	619482	6974244	6/23/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Needle Cover	Excellent	Quartz Chips	
1012631	PED	7	619530	6974233	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1012632	PED	7	619565	6974198	6/23/2011	Dark Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Bare Soil	Good	Rocky Sample	
1012633	PED	7	619612	6974185	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Rocky Sample
1012634	PED	7	619648	6974151	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample	
1012635	PED	7	619694	6974132	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Needle Cover	Good	Rocky	
1012636	PED	7	619694	6974133	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Needle Cover	Good	Rocky	
1012637	PED	7	619744	6974130	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Grass Cover	Good	Fine	
1012638	PED	7	619788	6974108	6/23/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Sandy
1012639	PED	7	619814	6974066	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Rocky	Outcrop Nearby
1012640	PED	7	619848	6974030	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Needle Cover	Good	Fine	Outcrop Nearby
1012641	PED	7	619898	6974036	6/23/2011	Greyish Green	Sand	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Outcrop Nearby
1012642	PED	7	619929	6973997	6/23/2011	Greyish Green	Sand	Dry	Pronounced Slope	50	C	White Spruce	Needle Cover	Good	Fine	Outcrop Nearby
1012643	PED	7	619964	6973960	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	Outcrop Nearby
1012644	PED	7	617821	6981410	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1012645	PED	7	617774	6981393	6/25/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Coarse
1012646	PED	7	617726	6981377	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Good	Coarse	
1012647	PED	7	617678	6981353	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1012648	PED	7	617629	6981337	6/25/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Coarse	
1012649	PED	7	617582	6981317	6/25/2011	Greyish Green	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1012650	PED	7	613883	6981471	6/26/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Rocky	
1012651	PED	7	618129	6977157	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Sandy	
1012655	PED	7	619312	6976164	6/23/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Fine	
1012656	PED	7	619282	6976204	6/23/2011	Reddish Brown	Clay	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Rocky Sample	Rocky
1012657	PED	7	619249	6976242	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Fine	Sandy
1012658	PED	7	619226	6976289	6/23/2011	Reddish Orange	Sand	Damp	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Fine	
1012659	PED	7	619202	6976334	6/23/2011	Reddish Orange	Sand	Damp	Flat	30	C	Old Burn	Burnt Moss	Excellent	Fine	Quartz Chips
1012660	PED	7	619179	6976378	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Clay	
1012661	PED	7	619152	6976420	6/23/2011	Reddish Orange	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1012662	PED	7	619126	6976466	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Fine	
1012663	PED	7	619108	6976513	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	
1012664	PED	7	619070	6976547	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Sandy	
1012665	PED	7	619034	6976583	6/23/2011	Reddish Orange	Sand	Damp	Subtle Slope	20	C	Old Burn	Burnt Moss	Good	Fine	Sandy
1012666	PED	7	619005	6976624	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Clay	
1012667	PED	7	618973	6976667	6/23/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Fine	Sandy
1012668	PED	7	618931	6976696	6/23/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Sandy	
1012669	PED	7	618898	6976733	6/23/2011	Reddish Orange	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Fine	
1012670	PED	7	618856	6976762	6/23/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Fine	
1012671	PED	7	618822	6976797	6/23/2011	Reddish Brown	Clay	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1012672	PED	7	618742	6976854	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Clay	Rocky
1012673	PED	7	618699	6976883	6/23/2011	Reddish Yellow	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1012674	PED	7	618656	6976909	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Rocky	Small Sample
1012675	PED	7	618607	6976919	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Coarse	
1012676	PED	7	618562	6976943	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Dull Red Rust	
1012677	PED	7	618516	6976964	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Clay	
1012678	PED	7	618471	6976986	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Clay	
1012679	PED	7	618427	6977011	6/23/2011	Chocolate Brown	Clay	Wet	Flat	50	C	Old Burn	Burnt Moss	Good	Clay	
1012680	PED	7	618261	6977082	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Clay	
1012681	PED	7	618218	6977106	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1012682	PED	7	618218	6977106	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1012683	PED	7	618173	6977133	6/23/2011	Reddish Brown	Sand	Wet	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Fine	
1012684	PED	7	618085	6977182	6/23/2011	Reddish Yellow	Silt	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Clay	
1012685	PED	7	604759	6981803	6/24/2011	Dark Brown	Clay	Damp	Steep	50	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Small Sample
1012688	PED	7	604404	6981608	6/24/2011	Dark Brown	Gravel	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Good	Rocky	Sandy
1012689	PED	7	604451	6981629	6/24/2011	Dark Brown	Clay	Damp	Pronounced Slope	60	B	Black Spruce	Thin Moss Cover	Poor	Partially Frozen	Rocky
1012690	PED	7	604499	6981641	6/24/2011	Dark Brown	Clay	Wet	Pronounced Slope	40	B	Black Spruce	Thin Moss Cover	Poor	Partially Frozen	Rocky
1012691	PED	7	604722	6981768	6/24/2011	Chocolate Brown	Clay	Damp	Steep	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1012692	PED	7	604545	6981665	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Mud	Rocky
1012693	PED	7	604582	6981703	6/24/2011	Dark Brown	Clay	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	Small Sample
1012694	PED	7	604624	6981732	6/24/2011	Dark Brown	Gravel	Wet	Steep	40	B	Black Spruce	Thin Moss Cover	Poor	Partially Frozen	Rocky
1012695	PED	7	604671	6981753	6/24/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Small Sample
1012696	PED	7	604898	6981855	6/24/2011	Grey	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Sandy	
1012697	PED	7	604808	6981815	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Small Sample
1012698	PED	7	604856	6981828	6/24/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Poplar	Leaf Cover	Good	Rocky	Sandy
1012699	PED	7	605017	6981957	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	
1012700	PED	7	604947	6981882	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	80	C	Black Spruce	Thin Moss Cover	Good	Rocky	Partially Frozen
1012701	PED	7	604983	6981920	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Good	Partially Frozen	
1012704	PED	7	605189	6982063	6/24/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	Poplar	Thin Moss Cover	Poor	Clay	Partially Frozen
1012705	PED	7	605223	6982099	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Good	Partially Frozen	Coarse
1012706	PED	7	605267	6982129	6/24/2011	Dark Brown	Clay	Wet	Pronounced Slope	40	B	Poplar	Sphagnum Moss < 30cm	Poor	Partially Frozen	Rocky
1012707	PED	7	605303	6982163	6/24/2011	Dark Brown	Clay	Damp	Pronounced Slope	80	C	Poplar	Thin Moss Cover	Good	Clay	
1012708	PED	7	605348	6982183	6/24/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Poplar	Thin Moss Cover	Good	Fine	Organic 25%

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1012709	PED	7	605394	6982210	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	C	Poplar	Thin Moss Cover	Excellent	Fine	
1012710	PED	7	605432	6982243	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Thin Moss Cover	Excellent	Fine	
1012711	PED	7	605476	6982276	6/24/2011	Dark Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Thin Moss Cover	Excellent	Fine	
1012712	PED	7	605476	6982276	6/24/2011	Dark Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Thin Moss Cover	Excellent	Fine	
1012713	PED	7	605506	6982319	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Birch Forest	Thin Moss Cover	Good	Rocky	Coarse
1012714	PED	7	605539	6982357	6/24/2011	Dark Brown	Clay	Damp	Pronounced Slope	70	C	Birch Forest	Thin Moss Cover	Good	Rocky	Coarse
1012715	PED	7	605572	6982396	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Birch Forest	Thin Moss Cover	Good	Rocky	Coarse
1012716	PED	7	605599	6982440	6/24/2011	Dark Brown	Clay	Damp	Pronounced Slope	80	C	Birch Forest	Thin Moss Cover	Good	Rocky	Coarse
1012717	PED	7	605636	6982475	6/24/2011	Dark Brown	Clay	Damp	Pronounced Slope	60	C	Willows	Thin Moss Cover	Good	Coarse	Rocky
1012718	PED	7	618950	6981246	6/25/2011	Reddish Brown	Sand	Damp	Steep	40	C	Poplar	Leaf Cover	Good	Sandy	
1012719	PED	7	618942	6981296	6/25/2011	Chocolate Brown	Sand	Damp	Steep	40	C	Poplar	Leaf Cover	Good	Coarse	Sandy
1012720	PED	7	618951	6981196	6/25/2011	Chocolate Brown	Clay	Damp	Steep	70	C	Poplar	Leaf Cover	Good	Coarse	Clay
1012721	PED	7	625015	6976104	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Fine	
1012722	PED	7	625065	6976101	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1012723	PED	7	625115	6976096	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Fine	
1012724	PED	7	625165	6976093	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1012725	PED	7	625218	6976090	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1012726	PED	7	625269	6976086	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Fine	Talus
1012727	PED	7	625320	6976084	6/21/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Coarse	
1012728	PED	7	625379	6976078	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Fine	Quartz Chips
1012729	PED	7	625428	6976076	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	
1012730	PED	7	625479	6976073	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1012731	PED	7	625531	6976071	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1012732	PED	7	625580	6976067	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	
1012733	PED	7	625630	6976063	6/21/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Poor	Fine	Talus
1012734	PED	7	625680	6976065	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Frozen	Talus
1012735	PED	7	625730	6976075	6/21/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1012736	PED	7	625779	6976081	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	
1012737	PED	7	625828	6976090	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	
1012738	PED	7	625879	6976099	6/21/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Poplar	Grass Cover	Good	Coarse	Talus
1012739	PED	7	625934	6976108	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1012740	PED	7	625985	6976115	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	Talus
1012741	PED	7	626084	6976135	6/21/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Talus	Quartz Chips
1012742	PED	7	626179	6976161	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Coarse	Talus
1012743	PED	7	626224	6976189	6/21/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Poplar	Sphagnum Moss < 30cm	Poor	Fine	
1012744	PED	7	626271	6976171	6/21/2011	Chocolate Brown	Silt	Damp	Steep	20	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Coarse	
1012745	PED	7	622162	6977319	6/30/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	C	Black Spruce	Burnt Moss	Good	Mud	Rocky
1012746	PED	7	626320	6976159	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1012747	PED	7	626370	6976171	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1012748	PED	7	626423	6976177	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	
1012749	PED	7	626473	6976177	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1012750	PED	7	626525	6976173	6/21/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1012751	PED	7	609330	6977355	6/20/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Coarse	Dull Red Rust
1012752	PED	7	609295	6977318	6/20/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Mud
1012753	PED	7	609260	6977283	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Birch Forest	Leaf Cover	Good	Coarse	Sandy
1012754	PED	7	609225	6977247	6/20/2011	Chocolate Brown	Clay	Damp	Flat	40	C	Birch Forest	Needle Cover	Good	Coarse	Clay
1012755	PED	7	609189	6977210	6/20/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Birch Forest	Thin Moss Cover	Good	Dull Red Rust	Clay
1012756	PED	7	609155	6977174	6/20/2011	Chocolate Brown	Silt	Dry	Flat	30	B	Poplar	Leaf Cover	Good	Coarse	Sandy
1012757	PED	7	609120	6977137	6/20/2011	Dark Blue Black	Gravel	Dry	Flat	40	C	Birch Forest	Leaf Cover	Good	Coarse	Dull Red Rust
1012758	PED	7	609085	6977101	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	Rocky
1012759	PED	7	609050	6977066	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1012760	PED	7	609016	6977030	6/20/2011	Reddish Brown	Gravel	Dry	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1012761	PED	7	608981	6976995	6/20/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust	Coarse
1012762	PED	7	608943	6976962	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1012763	PED	7	608899	6976939	6/20/2011	Dark Blue Black	Gravel	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1012764	PED	7	608855	6976916	6/20/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Rocky	Coarse
1012765	PED	7	608810	6976893	6/20/2011	Reddish Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Dull Red Rust	Coarse
1012766	PED	7	608766	6976868	6/20/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1012767	PED	7	608720	6976846	6/20/2011	Dark Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1012768	PED	7	608680	6976815	6/20/2011	Dark Brown	Clay	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1012769	PED	7	608648	6976777	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1012770	PED	7	608615	6976738	6/20/2011	Light Brown	Clay	Damp	Flat	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1012771	PED	7	608582	6976700	6/20/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1012772	PED	7	608582	6976700	6/20/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1012773	PED	7	608556	6976656	6/20/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1012774	PED	7	608540	6976609	6/20/2011	Dark Blue Black	Gravel	Dry	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1012775	PED	7	608523	6976562	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Coarse
1012776	PED	7	608505	6976515	6/20/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1012777	PED	7	608489	6976468	6/20/2011	Reddish Yellow	Gravel	Damp	Flat	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Dull Red Rust	Rocky
1012778	PED	7	608477	6976418	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1012779	PED	7	608470	6976368	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Coarse	Clay
1012780	PED	7	608463	6976320	6/20/2011	Light Brown	Clay	Damp	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky Terrain
1012781	PED	7	608454	6976271	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1012782	PED	7	608437	6976222	6/20/2011	Reddish Yellow	Clay	Damp	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust	Coarse
1012783	PED	7	608417	6976177	6/20/2011	Chocolate Brown	Sand	Dry	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust	Clay
1012784	PED	7	608396	6976131	6/20/2011	Light Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Dull Red Rust

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1012785	PED	7	608380	6976093	6/20/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1012786	PED	7	621660	6977941	6/30/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1012787	PED	7	611409	6984015	6/26/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Fine	
1012788	PED	7	611455	6983997	6/26/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1012789	PED	7	611501	6983977	6/26/2011	Light Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1012790	PED	7	611543	6983950	6/26/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1012791	PED	7	611581	6983918	6/26/2011	Reddish Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1012792	PED	7	611626	6983896	6/26/2011	Dark Brown	Silt	Damp	Subtle Slope	30	B	Poplar	Leaf Cover	Poor	Rocky Terrain	Rocky
1012793	PED	7	611668	6983868	6/26/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Poplar	Leaf Cover	Poor	Coarse	Rocky Terrain
1012794	PED	7	611713	6983846	6/26/2011	Dark Olivine Green	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1012795	PED	7	616914	6982450	6/27/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1012796	PED	7	616865	6982433	6/27/2011	Greyish Green	Silt	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Fine	
1012798	PED	7	616818	6982413	6/27/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012799	PED	7	616780	6982381	6/27/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1012800	PED	7	626597	6971022	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1012801	PED	7	608008	6977447	6/20/2011	Light Brown	Silt	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012802	PED	7	607981	6977405	6/20/2011	Light Brown	Silt	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1012803	PED	7	607962	6977356	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012804	PED	7	607962	6977356	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012805	PED	7	607941	6977304	6/20/2011	Light Brown	Silt	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Rocky	
1012806	PED	7	607902	6977268	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky Terrain	Rocky
1012807	PED	7	607878	6977225	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Poor	Rocky Terrain	Rocky
1012808	PED	7	607843	6977187	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012809	PED	7	607813	6977147	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky Terrain	Sandy
1012810	PED	7	607780	6977109	6/20/2011	Dark Brown	Silt	Damp	Steep	80	C	Poplar	Grass Cover	Good	Rocky Terrain	Outcrop Nearby
1012811	PED	7	607766	6977060	6/20/2011	Dark Blue Black	Silt	Wet	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Poor	Possible Creek Contamination	Rocky
1012812	PED	7	607741	6977016	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012813	PED	7	607683	6976938	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Outcrop Nearby	Rocky
1012814	PED	7	607672	6976890	6/20/2011	Dark Brown	Silt	Wet	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Rocky Terrain	
1012815	PED	7	607645	6976847	6/20/2011	Dark Olivine Green	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky Terrain	Rocky
1012816	PED	7	607617	6976803	6/20/2011	Light Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012817	PED	7	607594	6976757	6/20/2011	Light Brown	Silt	Damp	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Good	Rocky Terrain	
1012818	PED	7	607569	6976712	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Bare Soil	Good	Rocky Terrain	Outcrop Nearby
1012819	PED	7	607544	6976668	6/20/2011	Greyish Green	Silt	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012820	PED	7	607517	6976625	6/20/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Leaf Cover	Poor	Rocky Terrain	Outcrop Nearby
1012821	PED	7	607468	6976535	6/20/2011	Chocolate Brown	Silt	Dry	Steep	30	B	Poplar	Leaf Cover	Poor	Rocky Terrain	Outcrop Nearby
1012822	PED	7	607426	6976497	6/20/2011	Chocolate Brown	Silt	Damp	Steep	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Outcrop Nearby
1012823	PED	7	607416	6976448	6/20/2011	Light Brown	Silt	Dry	Steep	30	B	Poplar	Leaf Cover	Poor	Rocky Terrain	Rocky
1012824	PED	7	607378	6976416	6/20/2011	Light Brown	Silt	Dry	Steep	30	B	Poplar	Leaf Cover	Poor	Rocky Terrain	Outcrop Nearby
1012825	PED	7	610830	6984682	6/26/2011	Greyish Green	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1012826	PED	7	610855	6984639	6/26/2011	Yellow	Sand	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Clay	
1012827	PED	7	610890	6984602	6/26/2011	Greyish Green	Gravel	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1012828	PED	7	610907	6984555	6/26/2011	Greyish Green	Clay	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Clay	
1012829	PED	7	610926	6984509	6/26/2011	Greyish Green	Silt	Damp	Pronounced Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1012830	PED	7	610955	6984469	6/26/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1012831	PED	7	610981	6984427	6/26/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1012832	PED	7	611017	6984391	6/26/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1012833	PED	7	611047	6984352	6/26/2011	Greyish Green	Clay	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	
1012851	PED	7	608561	6983661	6/26/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Willows	Thin Moss Cover	Poor	Organic 50%	Small Sample
1012852	PED	7	608611	6983662	6/26/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 50%	Rocky Terrain
1012853	PED	7	608662	6983668	6/26/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Organic 10%
1012854	PED	7	608711	6983676	6/26/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	Willows	Sphagnum Moss < 30cm	Poor	Organic 25%	Small Sample
1012855	PED	7	608761	6983677	6/26/2011	Grey	Gravel	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky Sample	Organic 10%
1012856	PED	7	608812	6983682	6/26/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Black Spruce	Thin Moss Cover	Poor	Organic 25%	Rocky
1012857	PED	7	608860	6983687	6/26/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	Black Spruce	Thin Moss Cover	Good	Organic 25%	Rocky
1012858	PED	7	608911	6983694	6/26/2011	Grey	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Organic 10%
1012859	PED	7	608959	6983707	6/26/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1012860	PED	7	609008	6983720	6/26/2011	Dark Brown	Clay	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1012861	PED	7	609058	6983727	6/26/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Coarse	Organic 25%
1012862	PED	7	609106	6983742	6/26/2011	Dark Brown	Clay	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1012863	PED	7	609152	6983764	6/26/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1012864	PED	7	609199	6983781	6/26/2011	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	Willows	Thin Moss Cover	Good	Fine	Organic 10%
1012865	PED	7	609246	6983799	6/26/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1012866	PED	7	609295	6983813	6/26/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1012867	PED	7	609343	6983823	6/26/2011	Dark Brown	Gravel	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1012868	PED	7	609392	6983835	6/26/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1012869	PED	7	609443	6983841	6/26/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1012870	PED	7	609492	6983847	6/26/2011	Grey	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1012871	PED	7	609542	6983848	6/26/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Good	Clay	Rocky
1012872	PED	7	609591	6983850	6/26/2011	Bluish Grey	Sand	Dry	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1012873	PED	7	609592	6983849	6/26/2011	Bluish Grey	Sand	Dry	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1012874	PED	7	609642	6983837	6/26/2011	Light Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Thin Moss Cover	Excellent	Fine	
1012875	PED	7	609689	6983822	6/26/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1012876	PED	7	609737	6983808	6/26/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1012877	PED	7	609785	6983788	6/26/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1012878	PED	7	609831	6983772	6/26/2011	Dark Brown	Clay	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Sandy	Fine

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1012879	PED	7	609878	6983756	6/26/2011	Dark Brown	Sand	Dry	Steep	70	C	Poplar	Leaf Cover	Good	Fine	Small Sample
1012880	PED	7	609926	6983743	6/26/2011	Dark Blue Black	Sand	Dry	Steep	70	C	Poplar	Leaf Cover	Excellent	Fine	
1012881	PED	7	609976	6983747	6/26/2011	Dark Brown	Sand	Damp	Steep	50	C	Poplar	Grass Cover	Good	Coarse	Outcrop Nearby
1012882	PED	7	610069	6983784	6/26/2011	Dark Brown	Clay	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Outcrop Nearby	Organic 10%
1012883	PED	7	610120	6983784	6/26/2011	Grey	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky Terrain
1012884	PED	7	606943	6986459	7/2/2011	Light Bluish Grey	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Organic 10%
1012885	PED	7	606991	6986473	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Small Sample	Rocky Terrain
1012886	PED	7	607037	6986493	7/2/2011	Dark Blue Black	Sand	Damp	Pronounced Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Fine	
1012887	PED	7	607083	6986511	7/2/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Organic 25%	Rocky Terrain
1012888	PED	7	607131	6986525	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Organic 10%	Rocky Terrain
1012889	PED	7	607180	6986538	7/2/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky Terrain
1012890	PED	7	607229	6986546	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Sandy	Rocky
1012891	PED	7	616740	6982350	6/27/2011	Reddish Yellow	Clay	Damp	Flat	80	C	White Spruce	Thin Moss Cover	Good	Clay	
1012892	PED	7	616691	6982319	6/27/2011	Reddish Yellow	Silt	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Bright Orange Rust	Fine
1012893	PED	7	616691	6982319	6/27/2011	Reddish Yellow	Silt	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Bright Orange Rust	Fine
1012894	PED	7	616651	6982289	6/27/2011	Reddish Orange	Silt	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Bright Orange Rust	Fine
1012895	PED	7	616605	6982268	6/27/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1012896	PED	7	616562	6982242	6/27/2011	Dark Olivine Green	Silt	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012897	PED	7	616512	6982219	6/27/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	Rocky Terrain
1012898	PED	7	616427	6982164	6/27/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1012899	PED	7	616379	6982149	6/27/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Coarse	Rocky Terrain
1012900	PED	7	616335	6982123	6/27/2011	Dark Olivine Green	Clay	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1012901	PED	7	617565	6982517	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Clay
1012902	PED	7	617520	6982495	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rusty Rock Chip	Coarse
1012903	PED	7	617481	6982463	6/25/2011	Chocolate Brown	Sand	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1012904	PED	7	617433	6982447	6/25/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Black Spruce	Thin Moss Cover	Excellent	Quartz Chips	Rusty Rock Chip
1012905	PED	7	617384	6982438	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	
1012906	PED	7	617333	6982431	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky
1012907	PED	7	617289	6982406	6/25/2011	Light Brown	Gravel	Damp	Flat	110	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	Rocky
1012908	PED	7	617240	6982396	6/25/2011	Chocolate Brown	Sand	Damp	Flat	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Clay
1012909	PED	7	617210	6982357	6/25/2011	Reddish Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1012910	PED	7	617213	6982306	6/25/2011	Reddish Orange	Sand	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1012911	PED	7	617213	6982256	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1012912	PED	7	617233	6982210	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sandy	Rocky
1012913	PED	7	617240	6982161	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Poplar	Leaf Cover	Excellent	Dull Red Rust	Rocky
1012914	PED	7	617241	6982161	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Poplar	Leaf Cover	Excellent	Dull Red Rust	Rocky
1012915	PED	7	617242	6982110	6/25/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Thin Moss Cover	Good	Coarse	Quartz Chips
1012916	PED	7	617235	6982060	6/25/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Thin Moss Cover	Excellent	Rocky	Dull Red Rust
1012917	PED	7	617231	6982010	6/25/2011	Reddish Orange	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Rocky	Dull Red Rust
1012920	PED	7	617224	6981960	6/25/2011	Reddish Brown	Sand	Damp	Flat	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1012921	PED	7	617189	6981924	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1012922	PED	7	617080	6981825	6/25/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1012923	PED	7	617037	6981800	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Needle Cover	Good	Coarse	Rocky
1012924	PED	7	617000	6981766	6/25/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Rusty Rock Chip	Sandy
1012925	PED	7	616953	6981746	6/25/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1012926	PED	7	616928	6981702	6/25/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rusty Rock Chip	Coarse
1012927	PED	7	616895	6981664	6/25/2011	Reddish Orange	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rusty Rock Chip
1012928	PED	7	616862	6981626	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	110	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Dull Red Rust	Coarse
1012929	PED	7	616837	6981583	6/25/2011	Chocolate Brown	Gravel	Damp	Steep	50	C	Poplar	Grass Cover	Excellent	Sandy	Rusty Rock Chip
1012930	PED	7	616807	6981543	6/25/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Thin Moss Cover	Good	Fine	Rocky
1012931	PED	7	616772	6981507	6/25/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Good	Fine	
1012932	PED	7	616745	6981464	6/25/2011	Chocolate Brown	Sand	Damp	Steep	40	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1012933	PED	7	616715	6981423	6/25/2011	Chocolate Brown	Sand	Dry	Steep	40	C	White Spruce	Thin Moss Cover	Poor	Rocky	Loess
1012937	PED	7	629664	6980211	7/2/2011	Dark Brown	Silt	Damp	Pronounced Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Coarse	Rocky Sample
1012938	PED	7	629693	6980252	7/2/2011	Dark Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1012939	PED	7	629719	6980296	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Rocky Sample	Rocky Terrain
1012940	PED	7	629741	6980340	7/2/2011	Dark Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Rocky	Mud
1012951	PED	7	623281	6976609	6/6/2011	Reddish Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1012952	PED	7	623240	6976581	6/6/2011	Light Brown	Gravel	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1012953	PED	7	629302	6972494	6/9/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1012954	PED	7	629288	6972447	6/9/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1012955	PED	7	629278	6972398	6/9/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1012956	PED	7	629260	6972352	6/9/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Fine
1012957	PED	7	629250	6972303	6/9/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1012958	PED	7	629236	6972255	6/9/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Fine
1012959	PED	7	629260	6972212	6/9/2011	Dark Brown	Gravel	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Rocky
1012960	PED	7	629244	6972164	6/9/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky
1012961	PED	7	629214	6972123	6/9/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky	Coarse
1012962	PED	7	629208	6972073	6/9/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky
1012963	PED	7	629202	6972022	6/9/2011	Reddish Brown	Silt	Dry	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Fine
1012964	PED	7	629169	6971986	6/9/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen
1012965	PED	7	629122	6971966	6/9/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	B	Alders	Sphagnum Moss < 30cm	Poor	Coarse	
1012966	PED	7	629079	6971937	6/9/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1012967	PED	7	629065	6971890	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Partially Frozen
1012968	PED	7	629037	6971848	6/9/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Fine	Partially Frozen
1012969	PED	7	629012	6971804	6/9/2011	Dark Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1012970	PED	7	629012	6971804	6/9/2011	Dark Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012971	PED	7	628988	6971759	6/9/2011	Dark Brown	Sand	Damp	Flat	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1012972	PED	7	628959	6971717	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012973	PED	7	628935	6971674	6/9/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1012974	PED	7	628924	6971623	6/9/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Rocky
1012975	PED	7	628907	6971575	6/9/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1012976	PED	7	628876	6971536	6/9/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Alders	Leaf Cover	Good	Coarse	Rocky
1012977	PED	7	628838	6971503	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1012978	PED	7	623159	6980787	6/10/2011	Chocolate Brown	Sand	Damp	Flat	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	Frozen
1012979	PED	7	623166	6980738	6/10/2011	Chocolate Brown	Sand	Wet	Flat	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	Partially Frozen
1012980	PED	7	623183	6980691	6/10/2011	Dark Brown	Sand	Wet	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Rocky	Frozen
1012981	PED	7	623188	6980640	6/10/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Mud	Partially Frozen
1012982	PED	7	623195	6980591	6/10/2011	Chocolate Brown	Silt	Wet	Flat	60	B	Dwarf Birch	Thin Moss Cover	Good	Partially Frozen	
1012983	PED	7	623203	6980542	6/10/2011	Chocolate Brown	Silt	Damp	Flat	40	B	Dwarf Birch	Thin Moss Cover	Good	Frozen	Fine
1012984	PED	7	623187	6980495	6/10/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Frozen
1012985	PED	7	623163	6980450	6/10/2011	Dark Brown	Silt	Wet	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1012986	PED	7	623146	6980403	6/10/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1012987	PED	7	623084	6980213	6/10/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Mud	Rocky
1012988	PED	7	623067	6980165	6/10/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	Partially Frozen
1012989	PED	7	623051	6980118	6/10/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1012990	PED	7	623032	6980071	6/10/2011	Chocolate Brown	Silt	Damp	Subtle Slope	20	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Rocky
1012991	PED	7	623018	6980023	6/10/2011	Dark Brown	Silt	Wet	Subtle Slope	20	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Rocky
1012992	PED	7	622995	6979977	6/10/2011	Dark Brown	Silt	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Rocky
1012993	PED	7	622973	6979931	6/10/2011	Dark Brown	Silt	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Rocky
1012994	PED	7	622937	6979892	6/10/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Mud	Rocky
1012995	PED	7	622912	6979848	6/10/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Frozen
1012996	PED	7	622879	6979810	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1012997	PED	7	622846	6979773	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1012998	PED	7	622815	6979734	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1012999	PED	7	622772	6979711	6/10/2011	Chocolate Brown	Silt	Damp	Flat	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1013000	PED	7	622743	6979669	6/10/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1013001	PED	7	631869	6974922	6/8/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1013002	PED	7	631847	6974967	6/8/2011	Chocolate Brown	Silt	Damp	Flat	30	C	No Tree Cover	Reindeer Moss	Good	Coarse	
1013003	PED	7	631716	6976847	6/7/2011	Reddish Orange	Silt	Dry	Subtle Slope	50	C	No Tree Cover	Reindeer Moss	Good	Coarse	
1013004	PED	7	631676	6976876	6/7/2011	Reddish Brown	Silt	Dry	Subtle Slope	20	C	No Tree Cover	Thin Moss Cover	Good	Coarse	
1013005	PED	7	631637	6976907	6/7/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	No Tree Cover	Thin Moss Cover	Good	Coarse	
1013006	PED	7	631600	6976941	6/7/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Fine	Quartz Chips
1013007	PED	7	631562	6976972	6/7/2011	Reddish Orange	Sand	Damp	Flat	40	C	No Tree Cover	Reindeer Moss	Good	Coarse	
1013008	PED	7	631288	6977179	6/7/2011	Bluish Grey	Silt	Wet	Flat	20	C	No Tree Cover	Rock Cover	Good	Coarse	
1013009	PED	7	631259	6977220	6/7/2011	Bluish Grey	Silt	Wet	Flat	20	C	No Tree Cover	Rock Cover	Good	Coarse	
1013010	PED	7	631233	6977264	6/7/2011	Chocolate Brown	Silt	Damp	Subtle Slope	20	C	No Tree Cover	Rock Cover	Good	Coarse	
1013011	PED	7	631206	6977306	6/7/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1013012	PED	7	631179	6977347	6/7/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover	Good	Coarse	
1013013	PED	7	631152	6977391	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1013014	PED	7	631122	6977430	6/7/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Poor	Coarse	Small Sample
1013015	PED	7	631096	6977473	6/7/2011	Chocolate Brown	Silt	Damp	Subtle Slope	20	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	
1013016	PED	7	631063	6977511	6/7/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1013017	PED	7	631031	6977552	6/7/2011	Chocolate Brown	Silt	Damp	Flat	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Fine	Organic 50%
1013018	PED	7	631971	6974750	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	No Tree Cover	Reindeer Moss	Poor	Coarse	Small Sample
1013019	PED	7	631944	6974793	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	No Tree Cover	Reindeer Moss	Good	Coarse	
1013020	PED	7	631923	6974838	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	No Tree Cover	Reindeer Moss	Good	Coarse	
1013021	PED	7	631808	6976730	6/7/2011	Reddish Brown	Silt	Damp	Subtle Slope	40	C	No Tree Cover	Reindeer Moss	Good	Coarse	
1013022	PED	7	631779	6976772	6/7/2011	Chocolate Brown	Silt	Damp	Flat	30	C	No Tree Cover	Reindeer Moss	Good	Coarse	
1013023	PED	7	631895	6974879	6/8/2011	Chocolate Brown	Silt	Damp	Subtle Slope	20	B	White Spruce	Reindeer Moss	Poor	Coarse	Small Sample
1013024	PED	7	631755	6976815	6/7/2011	Reddish Brown	Silt	Dry	Subtle Slope	40	C	No Tree Cover	Thin Moss Cover	Good	Coarse	
1013025	PED	7	625469	6977787	6/12/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Fine	Quartz Chips
1013026	PED	7	625417	6977789	6/12/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1013028	PED	7	632017	6974661	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	No Tree Cover	Reindeer Moss	Good	Coarse	
1013029	PED	7	632043	6974617	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	No Tree Cover	Reindeer Moss	Good	Coarse	
1013030	PED	7	631995	6974706	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	No Tree Cover	Reindeer Moss	Poor	Organic 10%	Small Sample
1013051	PED	7	631820	6975009	6/8/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	White Spruce	Reindeer Moss	Good	Coarse	
1013052	PED	7	625519	6977780	6/12/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Grass Cover	Good	Fine	
1013053	PED	7	625067	6977843	6/12/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1013054	PED	7	625122	6977843	6/12/2011	Reddish Yellow	Sand	Wet	Pronounced Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1013055	PED	7	625122	6977843	6/12/2011	Reddish Yellow	Sand	Wet	Pronounced Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1013056	PED	7	625170	6977830	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013057	PED	7	625367	6977796	6/12/2011	Reddish Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013058	PED	7	625319	6977809	6/12/2011	Bluish Grey	Sand	Damp	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1013059	PED	7	625270	6977815	6/12/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1013060	PED	7	625221	6977821	6/12/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1013064	PED	7	632388	6973825	6/8/2011	Reddish Orange	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1013065	PED	7	632373	6973872	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Alders	Leaf Cover	Good	Coarse	
1013066	PED	7	632356	6973921	6/8/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	20	B	Alders	Leaf Cover	Poor	Small Sample	Fine
1013067	PED	7	632341	6973969	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Alders	Leaf Cover	Good	Coarse	
1013068	PED	7	632317	6974013	6/8/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	20	B	Black Spruce	Reindeer Moss	Poor	Fine	Talus
1013069	PED	7	632296	6974061	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Reindeer Moss	Good	Coarse	Clay

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013070	PED	7	632246	6974156	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Reindeer Moss	Poor	Small Sample	Rocky
1013071	PED	7	632279	6974108	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1013072	PED	7	632225	6974201	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	White Spruce	Reindeer Moss	Good	Coarse	Small Sample
1013073	PED	7	632206	6974247	6/8/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	White Spruce	Reindeer Moss	Poor	Coarse	Organic 10%
1013074	PED	7	632185	6974292	6/8/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	40	C	White Spruce	Reindeer Moss	Good	Coarse	
1013075	PED	7	632165	6974339	6/8/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	No Tree Cover	Reindeer Moss	Good	Organic 10%	
1013076	PED	7	632146	6974386	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Organic 25%
1013077	PED	7	632129	6974433	6/8/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Coarse	
1013078	PED	7	632108	6974478	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 25%	Small Sample
1013079	PED	7	632090	6974525	6/8/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	No Tree Cover	Reindeer Moss	Good	Coarse	
1013080	PED	7	632068	6974570	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	White Spruce	Reindeer Moss	Good	Coarse	
1013081	PED	7	628137	6975159	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Alders	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013082	PED	7	628093	6975134	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Alders	Sphagnum Moss < 30cm	Good	Quartz Chips	Fine
1013083	PED	7	628051	6975106	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Alders	Thin Moss Cover	Good	Quartz Chips	Partially Frozen
1013084	PED	7	628010	6975077	6/8/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	Alders	Thin Moss Cover	Good	Coarse	
1013085	PED	7	627966	6975051	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013086	PED	7	627924	6975023	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Alders	Thin Moss Cover	Good	Coarse	
1013087	PED	7	627879	6974997	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Alders	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013088	PED	7	627837	6974972	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Alders	Thin Moss Cover	Good	Coarse	
1013089	PED	7	627796	6974944	6/8/2011	Grey	Sand	Wet	Subtle Slope	50	C	Alders	Sphagnum Moss < 30cm	Good	Wet Soil	
1013090	PED	7	627760	6974908	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013091	PED	7	627760	6974908	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013092	PED	7	627721	6974877	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Alders	Thin Moss Cover	Good	Coarse	
1013093	PED	7	627686	6974841	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1013094	PED	7	627647	6974810	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013095	PED	7	627609	6974777	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013096	PED	7	627571	6974744	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013097	PED	7	627534	6974710	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Alders	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1013099	PED	7	627463	6974640	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen	
1013100	PED	7	627427	6974605	6/8/2011	Grey	Sand	Damp	Subtle Slope	50	C	Alders	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013101	PED	7	626691	6977968	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1013102	PED	7	626646	6977944	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1013103	PED	7	626602	6977919	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Coarse	
1013104	PED	7	626557	6977893	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1013106	PED	7	626462	6977859	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1013107	PED	7	626414	6977844	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013108	PED	7	626367	6977823	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	Dwarf Birch	Leaf Cover	Good	Coarse	Quartz Chips
1013109	PED	7	626319	6977809	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013110	PED	7	626223	6977773	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Grass Cover	Good	Coarse	
1013111	PED	7	626172	6977766	6/12/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	40	B	Dwarf Birch	Frost Boil	Good	Coarse	
1013112	PED	7	626271	6977792	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Small Sample	Talus
1013113	PED	7	626122	6977766	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013114	PED	7	626072	6977771	6/12/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Talus
1013115	PED	7	626022	6977767	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Reindeer Moss	Poor	Talus	Quartz Chips
1013116	PED	7	625972	6977771	6/12/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	30	B	Black Spruce	Reindeer Moss	Poor	Fine	Talus
1013117	PED	7	625922	6977768	6/12/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Reindeer Moss	Good	Talus	Quartz Chips
1013118	PED	7	625871	6977767	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1013119	PED	7	625820	6977766	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Talus	Organic 10%
1013120	PED	7	625769	6977754	6/12/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Leaf Cover	Good	Coarse	Talus
1013121	PED	7	625717	6977755	6/12/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1013122	PED	7	625666	6977755	6/12/2011	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Leaf Cover	Good	Coarse	Talus
1013151	PED	7	622379	6979103	6/10/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Frozen	Organic 10%
1013152	PED	7	622352	6979060	6/10/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1013153	PED	7	628983	6976224	6/12/2011	Chocolate Brown	Gravel	Damp	Flat	60	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1013154	PED	7	629083	6976217	6/12/2011	Chocolate Brown	Sand	Dry	Flat	80	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1013155	PED	7	629033	6976222	6/12/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1013156	PED	7	629520	6976286	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Dwarf Birch	Bare Soil	Excellent	Coarse	
1013157	PED	7	621647	6978987	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1013159	PED	7	621587	6978391	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013160	PED	7	621589	6978444	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013161	PED	7	621596	6978487	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013162	PED	7	621605	6978539	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013163	PED	7	621605	6978591	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013164	PED	7	621621	6978638	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013165	PED	7	621621	6978638	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013166	PED	7	621624	6978688	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1013167	PED	7	621631	6978738	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1013168	PED	7	621638	6978787	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013169	PED	7	621653	6978886	6/11/2011	Dark Grey Black	Silt	Damp	Subtle Slope	40	C	Black Spruce	Bare Soil	Excellent	Sand	Coarse
1013170	PED	7	621643	6978837	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1013171	PED	7	621646	6978936	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1013172	PED	7	621649	6979038	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013173	PED	7	622015	6979873	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013174	PED	7	621988	6979831	6/11/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	90	C	Poplar	Grass Cover	Excellent	Coarse	Rocky
1013175	PED	7	621965	6979786	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1013176	PED	7	621937	6979744	6/11/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Frozen	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013177	PED	7	621883	6979660	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss > 30cm	Excellent	Coarse	Big Round Boulders
1013178	PED	7	621853	6979620	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Sphagnum Moss > 30cm	Excellent	Coarse	Big Round Boulders
1013179	PED	7	621817	6979585	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1013180	PED	7	621790	6979543	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1013181	PED	7	621752	6979510	6/11/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Frozen	Big Round Boulders
1013182	PED	7	621694	6979428	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen	Rocky
1013183	PED	7	621664	6979388	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1013184	PED	7	621654	6979338	6/11/2011	Dark Grey Black	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Big Round Boulders	Coarse
1013185	PED	7	621658	6979287	6/11/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	White Spruce	Thin Moss Cover	Good	Fine	
1013186	PED	7	621651	6979238	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1013187	PED	7	621647	6979188	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1013188	PED	7	621650	6979138	6/11/2011	Grey	Sand	Dry	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Small Sample
1013189	PED	7	621643	6979088	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Partially Frozen	Organic 10%
1013190	PED	7	621723	6979470	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Rocky	Partially Frozen
1013191	PED	7	626618	6973031	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky	Big Round Boulders
1013192	PED	7	626603	6973078	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013193	PED	7	626594	6973128	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013194	PED	7	626582	6973176	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013198	PED	7	626665	6972503	6/18/2011	Chocolate Brown	Clay	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Good	Coarse	Rocky
1013201	PED	7	638262	6976767	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Poplar	Thin Moss Cover	Poor	Coarse	Small Sample
1013202	PED	7	638310	6976753	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1013203	PED	7	638310	6976753	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1013204	PED	7	638362	6976748	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Coarse	Rocky
1013205	PED	7	638411	6976741	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Coarse	Rocky
1013206	PED	7	638462	6976737	6/24/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013207	PED	7	638511	6976735	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Sandy
1013208	PED	7	638561	6976731	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1013209	PED	7	638561	6976731	6/24/2011	Dark Blue Black	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1013210	PED	7	638610	6976722	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1013211	PED	7	638659	6976714	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Coarse	Sandy
1013212	PED	7	638709	6976707	6/24/2011	Dark Brown	Clay	Dry	Subtle Slope	40	B	Poplar	Thin Moss Cover	Poor	Coarse	Rocky
1013213	PED	7	638761	6976705	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013214	PED	7	638811	6976702	6/24/2011	Light Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013215	PED	7	638860	6976695	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013216	PED	7	638910	6976685	6/24/2011	Light Brown	Gravel	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013217	PED	7	638958	6976674	6/24/2011	Reddish Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013218	PED	7	639007	6976664	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013219	PED	7	639056	6976651	6/24/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013220	PED	7	639105	6976641	6/24/2011	Chocolate Brown	Sand	Dry	Flat	30	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1013221	PED	7	639154	6976627	6/24/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1013222	PED	7	639203	6976613	6/24/2011	Light Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky
1013223	PED	7	639249	6976595	6/24/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1013224	PED	7	639297	6976577	6/24/2011	Chocolate Brown	Gravel	Dry	Flat	30	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1013225	PED	7	639346	6976564	6/24/2011	Reddish Yellow	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013226	PED	7	639395	6976551	6/24/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1013227	PED	7	639444	6976541	6/24/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013228	PED	7	639494	6976536	6/24/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Fine	Rocky
1013229	PED	7	639544	6976534	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1013230	PED	7	639595	6976538	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013231	PED	7	639645	6976544	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1013232	PED	7	639695	6976552	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1013233	PED	7	639744	6976558	6/24/2011	Dark Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1013234	PED	7	639794	6976564	6/24/2011	Grey	Sand	Dry	Pronounced Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1013235	PED	7	639831	6976555	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1013237	PED	7	629500	6973060	6/28/2011	Chocolate Brown	Clay	Damp	Flat	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1013238	PED	7	629502	6973011	6/28/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1013239	PED	7	629506	6972960	6/28/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013240	PED	7	629489	6972913	6/28/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1013241	PED	7	629471	6972867	6/28/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013242	PED	7	629453	6972819	6/28/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013243	PED	7	629453	6972819	6/28/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013244	PED	7	629435	6972772	6/28/2011	Chocolate Brown	Gravel	Dry	Flat	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013245	PED	7	629418	6972725	6/28/2011	Chocolate Brown	Clay	Damp	Flat	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1013246	PED	7	629399	6972677	6/28/2011	Reddish Yellow	Clay	Dry	Flat	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1013247	PED	7	629377	6972632	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1013248	PED	7	629355	6972587	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013249	PED	7	629332	6972542	6/28/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013250	PED	7	628794	6971479	6/28/2011	Chocolate Brown	Sand	Damp	Flat	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013251	PED	7	624317	6972147	6/25/2011	Chocolate Brown	Gravel	Damp	Steep	40	B	Poplar	Leaf Cover	Poor	Rocky Sample	Organic 10%
1013252	PED	7	638111	6978249	6/24/2011	Light Grey	Sand	Dry	Subtle Slope	100	C	Pine	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1013253	PED	7	638083	6978290	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Pine	Grass Cover	Good	Coarse	Outcrop Nearby
1013254	PED	7	639293	6978420	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Fine	Sandy
1013255	PED	7	639293	6978420	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Fine	Sandy
1013256	PED	7	639280	6978468	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013257	PED	7	639264	6978515	6/23/2011	Light Brown	Sand	Dry	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013258	PED	7	639250	6978564	6/23/2011	Light Brown	Silt	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Dull Red Rust

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013259	PED	7	639233	6978611	6/23/2011	Light Brown	Silt	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Fine
1013260	PED	7	639216	6978658	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013261	PED	7	639196	6978704	6/23/2011	Light Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Poor	Rocky Terrain	Fine
1013262	PED	7	639177	6978750	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good	Fine	Sandy
1013263	PED	7	639160	6978797	6/23/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	Sandy
1013264	PED	7	624951	6972330	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013265	PED	7	638745	6979120	6/23/2011	Light Grey	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	Sandy
1013266	PED	7	638793	6979107	6/23/2011	Light Grey	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	Rocky Sample
1013267	PED	7	638887	6979073	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	Poplar	Grass Cover	Poor	Small Sample	Rocky Terrain
1013268	PED	7	638841	6979093	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	60	B	Poplar	Grass Cover	Good	Fine	Rocky
1013269	PED	7	638927	6979043	6/23/2011	Reddish Yellow	Gravel	Damp	Steep	60	C	Poplar	Grass Cover	Good	Sandy	Rocky Sample
1013270	PED	7	638967	6979014	6/23/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1013271	PED	7	639051	6978957	6/23/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1013272	PED	7	639091	6978928	6/23/2011	Light Bluish Grey	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1013273	PED	7	639122	6978889	6/23/2011	Light Brown	Silt	Damp	Pronounced Slope	40	B	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1013274	PED	7	639143	6978843	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	Sandy
1013275	PED	7	624367	6972141	6/25/2011	Light Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Fine	Rocky Terrain
1013276	PED	7	625053	6972335	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013277	PED	7	638697	6979132	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	B	Poplar	Grass Cover	Good	Coarse	Rocky Sample
1013278	PED	7	638649	6979145	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	Sandy
1013279	PED	7	638606	6979152	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	Rocky Sample
1013280	PED	7	638554	6979171	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Fine	Sandy
1013281	PED	7	638509	6979191	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	70	B	Poplar	Grass Cover	Good	Fine	Sandy
1013282	PED	7	638467	6979218	6/23/2011	Chocolate Brown	Sand	Dry	Steep	80	C	Poplar	Leaf Cover	Good	Fine	Sandy
1013283	PED	7	638424	6979241	6/23/2011	Light Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Fine	Rocky Terrain
1013284	PED	7	638380	6979267	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	Sandy
1013285	PED	7	638337	6979291	6/23/2011	Light Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Fine	Sandy
1013286	PED	7	638292	6979314	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	Sandy
1013287	PED	7	638250	6979341	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	Sandy
1013288	PED	7	638207	6979365	6/23/2011	Light Grey	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	Sandy
1013289	PED	7	638164	6979388	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Sandy	Fine
1013290	PED	7	638120	6979412	6/23/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Fine	Sandy
1013291	PED	7	633090	6979906	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	No Tree Cover	Thin Moss Cover	Excellent	Coarse	Rocky Sample
1013292	PED	7	626887	6971087	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Coarse
1013293	PED	7	627034	6971102	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013294	PED	7	626984	6971098	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013295	PED	7	626939	6971091	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1013296	PED	7	626839	6971071	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Fine
1013297	PED	7	626793	6971054	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1013298	PED	7	626745	6971037	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013299	PED	7	626697	6971023	6/28/2011	Chocolate Brown	Sand	Dry	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013300	PED	7	626646	6971023	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1013301	PED	7	618939	6982078	6/25/2011	Chocolate Brown	Silt	Damp	Flat	30	B	Black Spruce	Thin Moss Cover	Poor	Loess	Rocky Terrain
1013302	PED	7	618909	6982039	6/25/2011	Chocolate Brown	Silt	Damp	Flat	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Loess	Rocky Terrain
1013303	PED	7	618876	6982000	6/25/2011	Chocolate Brown	Silt	Damp	Flat	60	B	Black Spruce	Thin Moss Cover	Poor	Loess	Rocky Terrain
1013304	PED	7	618850	6981957	6/25/2011	Reddish Brown	Sand	Dry	Flat	20	C	Black Spruce	Thin Moss Cover	Good	Dull Red Rust	Rocky Terrain
1013305	PED	7	618820	6981918	6/25/2011	Dark Brown	Sand	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1013306	PED	7	618783	6981883	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Rock Cover	Good	Coarse	
1013307	PED	7	618748	6981848	6/25/2011	Light Brown	Sand	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1013308	PED	7	618710	6981814	6/25/2011	Grey	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1013309	PED	7	618674	6981780	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1013310	PED	7	618633	6981750	6/25/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1013311	PED	7	618591	6981724	6/25/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1013312	PED	7	618589	6981725	6/25/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1013313	PED	7	618549	6981695	6/25/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1013314	PED	7	618509	6981666	6/25/2011	Light Brown	Sand	Damp	Subtle Slope	100	C	Black Spruce	Thin Moss Cover	Good	Fine	Rocky
1013315	PED	7	618466	6981638	6/25/2011	Reddish Orange	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1013316	PED	7	618428	6981604	6/25/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1013317	PED	7	618386	6981577	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013318	PED	7	618343	6981552	6/25/2011	Greyish Green	Sand	Damp	Subtle Slope	30	C	Poplar	Sphagnum Moss < 30cm	Good	Dull Red Rust	
1013319	PED	7	618293	6981550	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1013320	PED	7	618244	6981559	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	
1013321	PED	7	618194	6981561	6/25/2011	Dark Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Sandy
1013322	PED	7	618149	6981537	6/25/2011	Greyish Green	Sand	Damp	Pronounced Slope	30	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	Rocky
1013323	PED	7	618100	6981524	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013324	PED	7	618058	6981498	6/25/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1013325	PED	7	618011	6981481	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Dull Red Rust
1013326	PED	7	617962	6981464	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1013327	PED	7	617916	6981444	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1013328	PED	7	617868	6981429	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1013329	PED	7	613866	6982128	6/26/2011	Reddish Orange	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Dull Red Rust
1013330	PED	7	613874	6982078	6/26/2011	Light Brown	Sand	Dry	Subtle Slope	100	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1013331	PED	7	613895	6982033	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Fine	Dull Red Rust
1013332	PED	7	613911	6981986	6/26/2011	Reddish Brown	Sand	Dry	Subtle Slope	100	C	Poplar	Grass Cover	Excellent	Coarse	Rocky
1013333	PED	7	613924	6981937	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1013336	PED	7	613941	6981891	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013337	PED	7	613959	6981844	6/26/2011	Dark Grey Black	Gravel	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Excellent	Coarse	Rusty Rock Chip
1013338	PED	7	613964	6981794	6/26/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1013339	PED	7	613983	6981747	6/26/2011	Light Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1013341	PED	7	613808	6982321	6/26/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013342	PED	7	613793	6982368	6/26/2011	Pale Greenish	Sand	Dry	Subtle Slope	90	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013343	PED	7	626160	6970657	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1013344	PED	7	626122	6970624	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Needle Cover	Excellent	Coarse	Quartz Chips
1013345	PED	7	626091	6970585	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1013346	PED	7	626061	6970545	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1013347	PED	7	626035	6970502	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1013348	PED	7	626001	6970465	6/28/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky Terrain
1013349	PED	7	625975	6970421	6/28/2011	Grey	Sand	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Clay	Rocky Terrain
1013350	PED	7	625948	6970379	6/28/2011	Light Bluish Grey	Gravel	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1013351	PED	7	633589	6973003	6/24/2011	Dark Brown	Silt	Damp	Pronounced Slope	30	B	Poplar	Leaf Cover	Poor	Fine	Quartz Chips
1013353	PED	7	633586	6972953	6/24/2011	Dark Brown	Silt	Damp	Pronounced Slope	30	B	Poplar	Leaf Cover	Poor	Fine	
1013354	PED	7	633575	6972853	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Coarse	
1013355	PED	7	633578	6972798	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1013356	PED	7	633575	6972747	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	20	B	Poplar	Leaf Cover	Good	Fine	Quartz Chips
1013357	PED	7	633575	6972695	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Poor	Small Sample	Quartz Chips
1013358	PED	7	633587	6972648	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Coarse	Quartz Chips
1013359	PED	7	633595	6972599	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Coarse	Quartz Chips
1013360	PED	7	633623	6972556	6/24/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	Talus
1013361	PED	7	633642	6972510	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Poplar	Leaf Cover	Good	Coarse	Quartz Chips
1013362	PED	7	633659	6972461	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	
1013363	PED	7	633671	6972412	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Quartz Chips
1013364	PED	7	633693	6972367	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Quartz Chips
1013365	PED	7	633715	6972321	6/24/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1013366	PED	7	633727	6972272	6/24/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1013367	PED	7	633752	6972228	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1013368	PED	7	633783	6972189	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Poplar	Leaf Cover	Good	Coarse	
1013369	PED	7	633806	6972142	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	70	B	Poplar	Leaf Cover	Good	Coarse	
1013370	PED	7	633827	6972092	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Poplar	Leaf Cover	Good	Coarse	
1013371	PED	7	633858	6972051	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1013372	PED	7	633883	6972008	6/24/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	
1013373	PED	7	633916	6971970	6/24/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1013374	PED	7	633916	6971970	6/24/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1013375	PED	7	615558	6980990	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1013376	PED	7	615508	6980995	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013377	PED	7	615507	6980996	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013378	PED	7	615458	6981004	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013379	PED	7	615460	6981010	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013380	PED	7	615409	6981000	6/30/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Rusty Rock Chip	Coarse
1013381	PED	7	628007	6972378	6/25/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Talus
1013382	PED	7	627962	6972354	6/25/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1013383	PED	7	627919	6972328	6/25/2011	Chocolate Brown	Silt	Damp	Subtle Slope	80	B	Black Spruce	Leaf Cover	Good	Coarse	Quartz Chips
1013384	PED	7	627871	6972308	6/25/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013385	PED	7	627822	6972293	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1013386	PED	7	627772	6972280	6/25/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1013387	PED	7	627725	6972265	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Black Spruce	Leaf Cover	Good	Coarse	
1013388	PED	7	627678	6972247	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1013389	PED	7	627634	6972222	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Talus	Fine
1013390	PED	7	627591	6972196	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	
1013391	PED	7	627547	6972173	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1013392	PED	7	627505	6972147	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1013393	PED	7	627459	6972126	6/25/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1013394	PED	7	627411	6972110	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1013395	PED	7	627361	6972096	6/25/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1013396	PED	7	627311	6972081	6/25/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1013397	PED	7	627262	6972070	6/25/2011	Reddish Orange	Sand	Dry	Subtle Slope	80	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	
1013398	PED	7	627214	6972055	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	
1013399	PED	7	627165	6972043	6/25/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	
1013400	PED	7	627116	6972029	6/25/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1013401	PED	7	624794	6971648	6/25/2011	Dark Brown	Sand	Dry	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Good	Coarse	Sandy
1013402	PED	7	624765	6971607	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1013403	PED	7	624765	6971607	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1013404	PED	7	624734	6971567	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1013405	PED	7	624705	6971526	6/25/2011	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust
1013406	PED	7	624685	6971479	6/25/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	20	B	Poplar	Leaf Cover	Poor	Coarse	Rocky
1013407	PED	7	624674	6971430	6/25/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1013408	PED	7	624666	6971381	6/25/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	White Spruce	Thin Moss Cover	Poor	Clay	Rocky
1013409	PED	7	624653	6971332	6/25/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Coarse	Outcrop Nearby
1013410	PED	7	624630	6971287	6/25/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013411	PED	7	624611	6971240	6/25/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013412	PED	7	624592	6971193	6/25/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013413	PED	7	624570	6971148	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013414	PED	7	624557	6971099	6/25/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013415	PED	7	624551	6971049	6/25/2011	Light Brown	Clay	Damp	Flat	70	C	Poplar	Leaf Cover	Excellent	Fine	Sandy
1013416	PED	7	624546	6971000	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013417	PED	7	624542	6970949	6/25/2011	Dark Grey Black	Gravel	Damp	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013418	PED	7	624537	6970899	6/25/2011	Chocolate Brown	Clay	Damp	Flat	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013419	PED	7	624525	6970850	6/25/2011	Dark Grey Black	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013420	PED	7	624515	6970801	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Clay
1013421	PED	7	624500	6970753	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Poplar	Sphagnum Moss < 30cm	Poor	Fine	Rocky
1013422	PED	7	624492	6970702	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Poplar	Thin Moss Cover	Good	Coarse	Sandy
1013423	PED	7	624481	6970653	6/25/2011	Chocolate Brown	Clay	Dry	Subtle Slope	30	B	Poplar	Thin Moss Cover	Poor	Organic 25%	Small Sample
1013424	PED	7	624491	6970605	6/25/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013425	PED	7	624503	6970555	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Rocky
1013426	PED	7	624511	6970505	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013427	PED	7	624518	6970455	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	100	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1013428	PED	7	624518	6970455	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	100	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1013429	PED	7	624563	6970368	6/25/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Thin Moss Cover	Good	Coarse	Rocky
1013430	PED	7	624604	6970338	6/25/2011	Dark Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1013431	PED	7	624638	6970302	6/25/2011	Dark Grey Black	Silt	Dry	Pronounced Slope	50	B	Poplar	Thin Moss Cover	Good	Coarse	Rocky
1013432	PED	7	624674	6970269	6/25/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	Poplar	Thin Moss Cover	Poor	Clay	Small Sample
1013433	PED	7	624713	6970236	6/25/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	110	C	Poplar	Thin Moss Cover	Excellent	Fine	Outcrop Nearby
1013434	PED	7	624751	6970201	6/25/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Thin Moss Cover	Good	Coarse	Rocky
1013435	PED	7	621695	6977904	6/30/2011	Light Brown	Gravel	Wet	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1013436	PED	7	621731	6977869	6/30/2011	Light Brown	Gravel	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Rocky Terrain
1013437	PED	7	626844	6971906	6/25/2011	Reddish Brown	Sand	Dry	Pronounced Slope	100	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1013438	PED	7	614907	6980945	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Clay
1013439	PED	7	614955	6980960	6/30/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Mud
1013440	PED	7	615005	6980963	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1013441	PED	7	615056	6980970	6/30/2011	Light Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky Sample	Clay
1013442	PED	7	615106	6980981	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky Sample	Coarse
1013443	PED	7	615207	6980984	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1013444	PED	7	615207	6980982	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1013445	PED	7	615157	6980977	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Sandy	Coarse
1013446	PED	7	614234	6980467	6/30/2011	Grey	Sand	Damp	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Coarse	Rocky
1013447	PED	7	626547	6971012	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Rocky Sample
1013448	PED	7	626505	6970985	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Coarse
1013449	PED	7	627922	6971097	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	White Spruce	Grass Cover	Good	Sandy	Rocky Sample
1013450	PED	7	627873	6971085	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Poplar	Grass Cover	Good	Sandy	Rocky Sample
1013451	PED	7	617153	6981381	6/27/2011	Dark Brown	Sand	Damp	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1013452	PED	7	617105	6981387	6/27/2011	Dark Brown	Sand	Dry	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1013453	PED	7	617055	6981391	6/27/2011	Dark Brown	Sand	Dry	Steep	70	C	White Spruce	Grass Cover	Good	Fine	Organic 10%
1013454	PED	7	617003	6981401	6/27/2011	Dark Brown	Sand	Damp	Steep	60	C	Poplar	Grass Cover	Good	Fine	Organic 10%
1013455	PED	7	616955	6981406	6/27/2011	Dark Brown	Sand	Damp	Steep	60	C	White Spruce	Grass Cover	Good	Clay	Rocky
1013456	PED	7	616906	6981413	6/27/2011	Dark Brown	Sand	Damp	Steep	60	C	White Spruce	Grass Cover	Good	Coarse	Organic 10%
1013457	PED	7	616856	6981420	6/27/2011	Light Brown	Sand	Dry	Steep	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1013458	PED	7	616807	6981433	6/27/2011	Dark Brown	Sand	Dry	Steep	60	C	White Spruce	Leaf Cover	Good	Coarse	Organic 10%
1013459	PED	7	616759	6981447	6/27/2011	Dark Brown	Sand	Damp	Steep	40	C	White Spruce	Leaf Cover	Good	Coarse	
1013460	PED	7	616711	6981460	6/27/2011	Dark Brown	Sand	Dry	Steep	60	C	White Spruce	Thin Moss Cover	Good	Coarse	Sandy
1013461	PED	7	616661	6981475	6/27/2011	Dark Olivine Green	Sand	Dry	Steep	110	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1013462	PED	7	616612	6981485	6/27/2011	Light Brown	Sand	Damp	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013463	PED	7	616562	6981493	6/27/2011	Dark Brown	Clay	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen
1013464	PED	7	616513	6981501	6/27/2011	Dark Brown	Clay	Wet	Subtle Slope	30	B	White Spruce	Leaf Cover	Poor	Frozen	Organic 50%
1013465	PED	7	616462	6981500	6/27/2011	Light Brown	Sand	Dry	Steep	70	C	White Spruce	Leaf Cover	Excellent	Coarse	
1013466	PED	7	616412	6981509	6/27/2011	Light Brown	Sand	Dry	Steep	60	C	White Spruce	Leaf Cover	Excellent	Fine	
1013467	PED	7	616363	6981515	6/27/2011	Chocolate Brown	Sand	Dry	Steep	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1013468	PED	7	616313	6981525	6/27/2011	Light Brown	Sand	Dry	Steep	60	C	White Spruce	Grass Cover	Good	Fine	Organic 10%
1013469	PED	7	616262	6981526	6/27/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1013470	PED	7	616213	6981534	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1013471	PED	7	616162	6981542	6/27/2011	Dark Blue Black	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1013472	PED	7	616113	6981549	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Grass Cover	Good	Fine	
1013473	PED	7	616064	6981562	6/27/2011	Chocolate Brown	Sand	Dry	Steep	70	C	White Spruce	Grass Cover	Excellent	Coarse	
1013474	PED	7	616015	6981573	6/27/2011	Dark Brown	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Leaf Cover	Good	Coarse	Quartz Chips
1013475	PED	7	615966	6981586	6/27/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	
1013476	PED	7	615916	6981588	6/27/2011	Dark Brown	Clay	Damp	Pronounced Slope	80	B	White Spruce	Leaf Cover	Poor	Organic 25%	Fine
1013477	PED	7	615868	6981604	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1013478	PED	7	615820	6981613	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Leaf Cover	Excellent	Fine	
1013479	PED	7	615771	6981624	6/27/2011	Light Brown	Gravel	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	Rocky Sample
1013480	PED	7	615720	6981629	6/27/2011	Bluish Grey	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	
1013481	PED	7	615670	6981639	6/27/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1013482	PED	7	615669	6981638	6/27/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1013483	PED	7	615622	6981653	6/27/2011	Chocolate Brown	Sand	Damp	Steep	80	C	Poplar	Leaf Cover	Good	Coarse	
1013484	PED	7	615572	6981657	6/27/2011	Light Grey	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1013485	PED	7	607920	6986272	7/2/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Clay	Rocky
1013486	PED	7	607938	6986225	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	Rocky
1013488	PED	7	607895	6986316	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1013489	PED	7	615720	6981895	6/27/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1013490	PED	7	615684	6981857	6/27/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1013491	PED	7	615640	6981832	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013492	PED	7	615599	6981804	6/27/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1013493	PED	7	615560	6981771	6/27/2011	Light Brown	Gravel	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013494	PED	7	615520	6981741	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1013495	PED	7	615478	6981713	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1013496	PED	7	615439	6981681	6/27/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	100	C	Willows	Leaf Cover	Good	Organic 10%	Fine
1013497	PED	7	615916	6980360	6/30/2011	Grey	Gravel	Wet	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Wet Soil
1013498	PED	7	615867	6980347	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	100	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1013499	PED	7	615867	6980347	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	100	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1013500	PED	7	615818	6980334	6/30/2011	Reddish Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Sandy	Coarse
1013501	PED	7	621464	6979948	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Coarse
1013502	PED	7	621511	6979753	6/11/2011	Chocolate Brown	Sand	Damp	Steep	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013503	PED	7	621498	6979802	6/11/2011	Chocolate Brown	Silt	Wet	Steep	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sand
1013504	PED	7	621488	6979851	6/11/2011	Chocolate Brown	Gravel	Damp	Steep	70	C	White Spruce	Reindeer Moss	Excellent	Sand	Coarse
1013505	PED	7	621488	6979851	6/11/2011	Chocolate Brown	Gravel	Damp	Steep	70	C	White Spruce	Reindeer Moss	Excellent	Sand	Coarse
1013507	PED	7	623709	6972985	6/18/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Poor	Sand	Organic 10%
1013508	PED	7	623679	6973025	6/18/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Sand	Talus
1013509	PED	7	623650	6973067	6/18/2011	Chocolate Brown	Silt	Dry	Steep	50	C	Poplar	Grass Cover	Good	Sand	Talus
1013510	PED	7	623623	6973109	6/18/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Poor	Sand	Organic 10%
1013511	PED	7	623571	6973194	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Poor	Fine	Organic 10%
1013512	PED	7	623546	6973238	6/18/2011	Chocolate Brown	Silt	Dry	Steep	60	B	Poplar	Grass Cover	Good	Fine	Sand
1013513	PED	7	621549	6979608	6/11/2011	Chocolate Brown	Gravel	Damp	Steep	50	C	Poplar	Grass Cover	Good	Sand	Coarse
1013515	PED	7	623906	6972763	6/18/2011	Light Brown	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Excellent	Coarse	Sand
1013516	PED	7	623799	6972866	6/18/2011	Chocolate Brown	Sand	Damp	Steep	30	B	Poplar	Thin Moss Cover	Poor	Small Sample	Fine
1013517	PED	7	623830	6972826	6/18/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Leaf Cover	Good	Fine	Sand
1013518	PED	7	630047	6977447	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Fine	Talus
1013519	PED	7	630000	6977429	6/12/2011	Dark Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	Rocky
1013520	PED	7	629955	6977408	6/12/2011	Chocolate Brown	Silt	Wet	Flat	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013521	PED	7	629862	6977369	6/12/2011	Dark Brown	Silt	Damp	Subtle Slope	30	B	Willows	Thin Moss Cover	Good	Partially Frozen	Rocky
1013522	PED	7	629814	6977350	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen	Top layer
1013523	PED	7	629768	6977330	6/12/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	No Tree Cover	Thin Moss Cover	Poor	Fine	Rocky
1013524	PED	7	629722	6977310	6/12/2011	Dark Brown	Silt	Wet	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Poor	Frozen	Coarse
1013525	PED	7	629672	6977299	6/12/2011	Dark Brown	Silt	Wet	Subtle Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Rocky
1013526	PED	7	629622	6977291	6/12/2011	Dark Brown	Silt	Wet	Subtle Slope	20	B	No Tree Cover	Reindeer Moss	Poor	Frozen	Rocky
1013527	PED	7	629573	6977268	6/12/2011	Dark Brown	Silt	Wet	Pronounced Slope	20	B	Willows	Sphagnum Moss < 30cm	Good	Frozen	Coarse
1013528	PED	7	629525	6977251	6/12/2011	Dark Brown	Silt	Wet	Pronounced Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Fine
1013530	PED	7	629428	6977226	6/12/2011	Chocolate Brown	Silt	Wet	Subtle Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen	Coarse
1013531	PED	7	629379	6977222	6/12/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Frozen	Fine
1013532	PED	7	629329	6977213	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1013533	PED	7	629279	6977206	6/12/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Frozen	Quartz Chips
1013534	PED	7	629231	6977203	6/12/2011	Dark Brown	Silt	Wet	Subtle Slope	20	B	Dwarf Birch	Rock Cover	Poor	Mud	Rocky
1013535	PED	7	633028	6975022	6/19/2011	Dark Brown	Silt	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss > 30cm	Poor	Fine	Rocky Terrain
1013536	PED	7	633067	6974991	6/19/2011	Dark Brown	Silt	Wet	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss > 30cm	Poor	Partially Frozen	Rocky Terrain
1013538	PED	7	633089	6974946	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Birch Forest	Sphagnum Moss > 30cm	Good	Coarse	Talus
1013539	PED	7	633117	6974905	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	80	B	Birch Forest	Sphagnum Moss < 30cm	Good	Talus	Fine
1013540	PED	7	633141	6974861	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Fine	Rocky Terrain
1013541	PED	7	633171	6974822	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1013542	PED	7	633198	6974779	6/19/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Coarse	Rocky Terrain
1013543	PED	7	633223	6974735	6/19/2011	Chocolate Brown	Silt	Damp	Steep	70	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample	Rocky Terrain
1013544	PED	7	633238	6974687	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1013545	PED	7	633264	6974643	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013546	PED	7	629909	6977387	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Talus	Fine
1013547	PED	7	633492	6974338	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1013548	PED	7	633519	6974297	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	
1013549	PED	7	633546	6974255	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Fine	
1013550	PED	7	633564	6974208	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Poor	Fine	Rocky Terrain
1013551	PED	7	622335	6981309	6/11/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Organic 10%
1013552	PED	7	622318	6981262	6/11/2011	Chocolate Brown	Clay	Wet	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss > 30cm	Good	Mud	Rocky
1013553	PED	7	622301	6981215	6/11/2011	Chocolate Brown	Clay	Damp	Flat	70	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse
1013554	PED	7	622285	6981166	6/11/2011	Reddish Yellow	Clay	Wet	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Mud
1013555	PED	7	622280	6981115	6/11/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Clay
1013556	PED	7	622273	6981066	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Wet Soil
1013557	PED	7	622266	6981016	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Mud
1013558	PED	7	622259	6980967	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Rock Cover	Good	Coarse	Rocky
1013559	PED	7	622249	6980918	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013560	PED	7	622236	6980868	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1013561	PED	7	622231	6980817	6/11/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Clay
1013562	PED	7	622233	6980767	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013563	PED	7	622233	6980767	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013564	PED	7	622229	6980717	6/11/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Clay
1013565	PED	7	622229	6980667	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Rocky	Coarse
1013566	PED	7	622226	6980617	6/11/2011	Chocolate Brown	Clay	Damp	Flat	60	C	White Spruce	Thin Moss Cover	Excellent	Rocky	Coarse
1013567	PED	7	622218	6980517	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1013568	PED	7	622200	6980470	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1013569	PED	7	622182	6980423	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Rocky	Coarse
1013570	PED	7	622169	6980374	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky	Coarse
1013571	PED	7	622154	6980326	6/11/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Rocky	Clay

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013572	PED	7	622141	6980278	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sand
1013573	PED	7	622128	6980228	6/11/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Rocky	Big Round Boulders
1013574	PED	7	622116	6980179	6/11/2011	Dark Brown	Clay	Dry	Steep	30	B	Poplar	Leaf Cover	Poor	Rocky	Top of Cliff
1013575	PED	7	622093	6980135	6/11/2011	Greyish Green	Clay	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Clay
1013576	PED	7	622067	6980090	6/11/2011	Dark Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1013577	PED	7	622042	6980046	6/11/2011	Greyish Green	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1013578	PED	7	622017	6980003	6/11/2011	Reddish Brown	Clay	Damp	Pronounced Slope	50	B	Poplar	Leaf Cover	Poor	Coarse	Small Sample
1013579	PED	7	626798	6977765	6/12/2011	Dark Brown	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	Quartz Chips
1013580	PED	7	626801	6977715	6/12/2011	Chocolate Brown	Clay	Dry	Flat	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Partially Frozen	Coarse
1013601	PED	7	627383	6977121	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Needle Cover	Good	Rocky	
1013602	PED	7	627381	6977071	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1013603	PED	7	627382	6977022	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1013604	PED	7	627380	6976971	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Partially Frozen
1013605	PED	7	627373	6976922	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1013606	PED	7	627360	6976874	6/11/2011	Chocolate Brown	Gravel	Damp	Steep	40	C	Birch Forest	Leaf Cover	Good	Big Round Boulders	
1013607	PED	7	627346	6976826	6/11/2011	Light Brown	Gravel	Damp	Steep	60	C	Poplar	Bare Soil	Good	Quartz Chips	
1013616	PED	7	627588	6977838	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1013617	PED	7	627570	6977791	6/11/2011	Dark Brown	Gravel	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1013618	PED	7	627550	6977744	6/11/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1013619	PED	7	627531	6977699	6/11/2011	Dark Brown	Gravel	Damp	Pronounced Slope	60	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1013620	PED	7	627512	6977653	6/11/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Wet Soil	
1013621	PED	7	627492	6977607	6/11/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1013622	PED	7	629956	6977246	6/12/2011	Dark Brown	Sand	Wet	Flat	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013623	PED	7	629917	6977214	6/12/2011	Bluish Grey	Sand	Damp	Subtle Slope	20	C	No Tree Cover	Reindeer Moss	Good	Rocky	Organic 10%
1013624	PED	7	629880	6977180	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Frost Boil	Good	Fine	
1013625	PED	7	629840	6977148	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013626	PED	7	629351	6976798	6/12/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	No Tree Cover	Reindeer Moss	Good	Rocky	Quartz Chips
1013627	PED	7	629311	6976767	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Subalpine Fir	Reindeer Moss	Good	Organic 10%	
1013628	PED	7	629801	6977118	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013629	PED	7	629763	6977084	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013630	PED	7	629723	6977054	6/12/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013631	PED	7	629683	6977023	6/12/2011	Dark Brown	Sand	Damp	Subtle Slope	20	C	No Tree Cover	Frost Boil	Good	Rocky	
1013632	PED	7	629641	6976996	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	10	C	No Tree Cover	Frost Boil	Good	Rocky	
1013633	PED	7	629599	6976969	6/12/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013634	PED	7	629557	6976941	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Reindeer Moss	Good	Frozen	
1013635	PED	7	630198	6977424	6/12/2011	Chocolate Brown	Sand	Damp	Flat	40	C	No Tree Cover	Reindeer Moss	Good	Organic 10%	
1013636	PED	7	630158	6977394	6/12/2011	Chocolate Brown	Sand	Damp	Flat	40	C	No Tree Cover	Reindeer Moss	Good	Small Sample	Rocky
1013637	PED	7	630117	6977364	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	No Tree Cover	Reindeer Moss	Good	Small Sample	Organic 10%
1013638	PED	7	630074	6977336	6/12/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013639	PED	7	630033	6977308	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013640	PED	7	629994	6977277	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013641	PED	7	629516	6976913	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	Organic 10%
1013642	PED	7	629474	6976886	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013643	PED	7	629432	6976858	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Good	Organic 10%	
1013644	PED	7	629392	6976828	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013645	PED	7	629474	6976886	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Reindeer Moss	Good	Rocky	
1013646	PED	7	629269	6976741	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Alders	Reindeer Moss	Good	Quartz Chips	
1013647	PED	7	629225	6976715	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Quartz Chips	
1013648	PED	7	629180	6976693	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Alders	Reindeer Moss	Good	Quartz Chips	
1013649	PED	7	629135	6976671	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Alders	Sphagnum Moss < 30cm	Good	Rocky	
1013650	PED	7	629091	6976648	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Alders	Reindeer Moss	Good	Quartz Chips	
1013674	PED	7	622363	6973724	6/27/2011	Dark Blue Black	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Fine	
1013675	PED	7	622399	6973689	6/27/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1013676	PED	7	622418	6973644	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky Sample
1013677	PED	7	622456	6973618	6/27/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	White Spruce	Leaf Cover	Good	Rocky Sample	Rocky Terrain
1013678	PED	7	622481	6973567	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013679	PED	7	622519	6973536	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1013680	PED	7	622553	6973500	6/27/2011	Reddish Yellow	Silt	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1013701	PED	7	606165	6976735	6/20/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	Coarse
1013702	PED	7	606201	6976700	6/20/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1013703	PED	7	606233	6976659	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1013704	PED	7	606260	6976616	6/20/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1013705	PED	7	606300	6976585	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Clay
1013706	PED	7	606339	6976553	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1013707	PED	7	606375	6976519	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1013708	PED	7	606375	6976519	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1013709	PED	7	606405	6976479	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1013710	PED	7	606429	6976437	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013711	PED	7	606439	6976388	6/20/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Dull Red Rust	Rusty Rock Chip
1013712	PED	7	606454	6976341	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013713	PED	7	606467	6976292	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rusty Rock Chip
1013714	PED	7	606475	6976243	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1013715	PED	7	606498	6976199	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1013716	PED	7	606521	6976156	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1013717	PED	7	606549	6976112	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1013718	PED	7	606571	6976068	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013719	PED	7	606607	6976033	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013720	PED	7	606648	6976003	6/20/2011	Chocolate Brown	Silt	Damp	Flat	40	C	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Rusty Rock Chip
1013721	PED	7	606682	6975966	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Fine	Rocky
1013722	PED	7	606713	6975927	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Dull Red Rust	Fine
1013723	PED	7	606743	6975883	6/20/2011	Grey	Sand	Damp	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Rusty Rock Chip	Bright Orange Rust
1013724	PED	7	606785	6975859	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Rusty Rock Chip
1013725	PED	7	606824	6975826	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Coarse
1013726	PED	7	606862	6975794	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Clay	Rocky
1013727	PED	7	606886	6975751	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1013728	PED	7	606927	6975723	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1013729	PED	7	606976	6975707	6/20/2011	Light Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rusty Rock Chip	Coarse
1013730	PED	7	607026	6975704	6/20/2011	Light Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Needle Cover	Good	Rocky	Loess
1013731	PED	7	607075	6975699	6/20/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	
1013732	PED	7	607125	6975701	6/20/2011	Chocolate Brown	Gravel	Damp	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013733	PED	7	607175	6975697	6/20/2011	Chocolate Brown	Sand	Damp	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky
1013734	PED	7	607225	6975699	6/20/2011	Chocolate Brown	Sand	Damp	Steep	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013737	PED	7	632290	6976637	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	No Tree Cover	Thin Moss Cover	Good	Frozen	Rocky Terrain
1013738	PED	7	632320	6976597	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen	Rocky Terrain
1013739	PED	7	632352	6976557	6/19/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Terrain	Wet Soil
1013740	PED	7	632384	6976518	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Terrain	Partially Frozen
1013741	PED	7	632413	6976476	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1013742	PED	7	632430	6976431	6/19/2011	Dark Blue Black	Clay	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Rocky Terrain
1013743	PED	7	632450	6976384	6/19/2011	Dark Brown	Clay	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Rocky Terrain
1013744	PED	7	632470	6976338	6/19/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1013745	PED	7	632483	6976289	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Rocky Terrain	Coarse
1013746	PED	7	632500	6976243	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1013747	PED	7	632518	6976197	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1013748	PED	7	632532	6976147	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1013749	PED	7	632549	6976101	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Small Sample
1013750	PED	7	632569	6976055	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1013751	PED	7	626802	6977665	6/12/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013752	PED	7	626806	6977615	6/12/2011	Chocolate Brown	Clay	Wet	Flat	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013753	PED	7	626811	6977565	6/12/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	White Spruce	Rock Cover	Good	Transported Soil	Big Round Boulders
1013754	PED	7	626823	6977515	6/12/2011	Dark Brown	Clay	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1013755	PED	7	626841	6977467	6/12/2011	Dark Brown	Gravel	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Poor	Small Sample	Coarse
1013756	PED	7	626857	6977418	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	Clay
1013757	PED	7	626876	6977372	6/12/2011	Dark Brown	Clay	Damp	Flat	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Clay
1013758	PED	7	626895	6977325	6/12/2011	Chocolate Brown	Clay	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1013759	PED	7	626893	6977274	6/12/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Poplar	Leaf Cover	Good	Coarse	Mud
1013760	PED	7	626893	6977224	6/12/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1013761	PED	7	626893	6977173	6/12/2011	Dark Brown	Clay	Damp	Flat	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1013762	PED	7	626893	6977123	6/12/2011	Dark Blue Black	Clay	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Partially Frozen
1013763	PED	7	626891	6977073	6/12/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	B	Poplar	Sphagnum Moss < 30cm	Good	Mud	Coarse
1013764	PED	7	626892	6977023	6/12/2011	Dark Blue Black	Clay	Wet	Pronounced Slope	80	B	Poplar	Rock Cover	Good	Big Round Boulders	Mud
1013765	PED	7	626895	6976973	6/12/2011	Dark Brown	Clay	Damp	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Coarse	Clay
1013766	PED	7	626882	6976924	6/12/2011	Chocolate Brown	Clay	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Coarse	Clay
1013767	PED	7	626872	6976874	6/12/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Subalpine Fir	Leaf Cover	Good	Coarse	Big Round Boulders
1013768	PED	7	626864	6976823	6/12/2011	Dark Brown	Clay	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Clay	Clay
1013769	PED	7	626853	6976774	6/12/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1013770	PED	7	626830	6976729	6/12/2011	Reddish Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1013771	PED	7	626805	6976686	6/12/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Clay
1013772	PED	7	626779	6976641	6/12/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1013773	PED	7	626752	6976599	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1013774	PED	7	626720	6976559	6/12/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Top of Cliff	Big Round Boulders
1013775	PED	7	626698	6976515	6/12/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1013776	PED	7	626698	6976515	6/12/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1013777	PED	7	626694	6976464	6/12/2011	Reddish Yellow	Gravel	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1013778	PED	7	626689	6976414	6/12/2011	Dark Brown	Clay	Wet	Subtle Slope	50	B	Poplar	Leaf Cover	Poor	Organic 25%	Big Round Boulders
1013779	PED	7	626681	6976365	6/12/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Big Round Boulders
1013780	PED	7	626663	6976264	6/12/2011	Dark Brown	Sand	Dry	Steep	60	C	Poplar	Leaf Cover	Excellent	Coarse	Sand
1013781	PED	7	626660	6976213	6/12/2011	Chocolate Brown	Clay	Dry	Steep	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013782	PED	7	626657	6976176	6/12/2011	Dark Brown	Sand	Dry	Steep	50	B	Poplar	Leaf Cover	Good	Sand	Coarse
1013786	PED	7	626753	6973739	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Bare Soil	Excellent	Quartz Chips	Coarse
1013787	PED	7	626604	6973476	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Bare Soil	Excellent	Coarse	
1013788	PED	7	626720	6973700	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1013789	PED	7	626590	6973427	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Bare Soil	Excellent	Coarse	
1013790	PED	7	626677	6972552	6/18/2011	Grey	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky
1013791	PED	7	626699	6972598	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1013792	PED	7	626717	6972644	6/18/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	Coarse
1013793	PED	7	626703	6972693	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1013794	PED	7	626695	6972743	6/18/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1013795	PED	7	626680	6972790	6/18/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Coarse
1013796	PED	7	626691	6973659	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1013797	PED	7	626672	6973610	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Bare Soil	Excellent	Coarse	
1013798	PED	7	626819	6973817	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1013799	PED	7	626787	6973775	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013800	PED	7	626576	6973379	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	110	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1013801	PED	7	632589	6976010	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Rocky Terrain	
1013802	PED	7	632616	6975965	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1013805	PED	7	632634	6975919	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1013806	PED	7	632655	6975873	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Small Sample	Rocky Terrain
1013807	PED	7	632668	6975825	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain	Partially Frozen
1013808	PED	7	632696	6975785	6/19/2011	Grey	Gravel	Dry	Subtle Slope	90	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1013809	PED	7	632709	6975737	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1013810	PED	7	632751	6975645	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain	Partially Frozen
1013811	PED	7	632765	6975599	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Grass Cover	Poor	Rocky Terrain	Small Sample
1013812	PED	7	632809	6975510	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Frozen	Rocky Terrain
1013813	PED	7	632819	6975464	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Frozen	Rocky Terrain
1013814	PED	7	632832	6975414	6/19/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen
1013815	PED	7	632848	6975366	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Frozen	Rocky Terrain
1013816	PED	7	632870	6975321	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1013817	PED	7	632890	6975274	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1013819	PED	7	625387	6971550	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	Rocky Terrain
1013820	PED	7	625351	6971517	6/25/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	Rocky Terrain
1013821	PED	7	625313	6971483	6/25/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Bare Soil	Good	Coarse	Talus
1013822	PED	7	625275	6971450	6/25/2011	Dark Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1013823	PED	7	608038	6979523	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1013824	PED	7	608011	6979482	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1013825	PED	7	607971	6979450	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	Dull Red Rust
1013826	PED	7	607971	6979451	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	Dull Red Rust
1013827	PED	7	607932	6979417	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Rocky	Dull Red Rust
1013828	PED	7	607903	6979377	6/19/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1013829	PED	7	607864	6979347	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Poor	Organic 10%	
1013830	PED	7	607826	6979314	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1013831	PED	7	607779	6979299	6/19/2011	Reddish Orange	Sand	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky
1013832	PED	7	607742	6979265	6/19/2011	Reddish Orange	Sand	Dry	Flat	40	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1013833	PED	7	607700	6979236	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Rusty Rock Chip
1013834	PED	7	607652	6979220	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1013835	PED	7	607608	6979196	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013836	PED	7	607563	6979172	6/19/2011	Reddish Orange	Sand	Damp	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013837	PED	7	607567	6979166	6/19/2011	Reddish Orange	Sand	Damp	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1013838	PED	7	607519	6979146	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1013839	PED	7	607469	6979138	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1013840	PED	7	607442	6979095	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1013841	PED	7	607397	6979070	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1013842	PED	7	607366	6979030	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Dull Red Rust
1013843	PED	7	607347	6978983	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Sandy	Coarse
1013844	PED	7	607314	6978946	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Coarse	
1013845	PED	7	607338	6978903	6/19/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Thin Moss Cover	Excellent	Rusty Rock Chip	Dull Red Rust
1013846	PED	7	607341	6978853	6/19/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Rocky
1013847	PED	7	607310	6978813	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	Coarse
1013848	PED	7	607294	6978765	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1013849	PED	7	607263	6978727	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1013850	PED	7	607256	6978677	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	Rusty Rock Chip
1013851	PED	7	633533	6976096	6/19/2011	Dark Blue Black	Sand	Dry	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1013852	PED	7	633557	6976052	6/19/2011	Chocolate Brown	Silt	Damp	Flat	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013853	PED	7	633583	6976010	6/19/2011	Chocolate Brown	Sand	Wet	Flat	40	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Talus	Fine
1013854	PED	7	633612	6975969	6/19/2011	Chocolate Brown	Silt	Damp	Flat	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013855	PED	7	633640	6975927	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013856	PED	7	633669	6975886	6/19/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013857	PED	7	633697	6975845	6/19/2011	Dark Blue Black	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Talus	
1013858	PED	7	633725	6975801	6/19/2011	Chocolate Brown	Silt	Wet	Flat	20	B	No Tree Cover	Rock Cover	Poor	Talus	Small Sample
1013859	PED	7	633755	6975761	6/19/2011	Grey	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1013860	PED	7	633785	6975722	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Talus	
1013861	PED	7	633841	6975639	6/19/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Talus	Fine
1013862	PED	7	633877	6975606	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	
1013863	PED	7	633914	6975572	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	
1013864	PED	7	634000	6975522	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Talus	
1013865	PED	7	634048	6975505	6/19/2011	Grey	Sand	Wet	Flat	50	C	Dwarf Birch	Frost Boil	Good	Talus	Fine
1013866	PED	7	634094	6975487	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013867	PED	7	634142	6975471	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Excellent	Coarse	Talus
1013868	PED	7	634186	6975449	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Dull Red Rust	Talus
1013869	PED	7	634220	6975414	6/19/2011	Grey	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1013870	PED	7	621954	6977600	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1013871	PED	7	621984	6977559	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1013872	PED	7	622012	6977519	6/30/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	80	C	Black Spruce	Burnt Moss	Excellent	Coarse	Rocky
1013873	PED	7	622042	6977479	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	80	C	Birch Forest	Burnt Moss	Excellent	Coarse	Clay
1013874	PED	7	622070	6977439	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1013875	PED	7	622100	6977397	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1013876	PED	7	633685	6976954	6/19/2011	Dark Brown	Silt	Wet	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Rocky Terrain
1013877	PED	7	633784	6976963	6/19/2011	Dark Brown	Silt	Wet	Pronounced Slope	20	A	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 10%	Organic 25%
1013878	PED	7	633735	6976958	6/19/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Partially Frozen	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013879	PED	7	633337	6976915	6/19/2011	Dark Grey Black	Gravel	Wet	Pronounced Slope	20	C	No Tree Cover	Frost Boil	Good	Wet Soil	Fine
1013880	PED	7	633387	6976920	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Terrain	Organic 10%
1013881	PED	7	633437	6976927	6/19/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Organic 10%	Talus
1013882	PED	7	633486	6976930	6/19/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	20	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Frozen	Organic 10%
1013883	PED	7	633239	6976904	6/19/2011	Chocolate Brown	Silt	Damp	Steep	60	A	No Tree Cover	Sphagnum Moss > 30cm	Poor	Organic 50%	Rocky Terrain
1013884	PED	7	633139	6976892	6/19/2011	Dark Brown	Silt	Wet	Steep	50	B	No Tree Cover	Sphagnum Moss > 30cm	Poor	Organic 50%	Talus
1013885	PED	7	633039	6976883	6/19/2011	Dark Brown	Sand	Wet	Steep	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Organic 10%
1013886	PED	7	639269	6977189	6/24/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013887	PED	7	639228	6977218	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013888	PED	7	639191	6977250	6/24/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1013889	PED	7	639151	6977280	6/24/2011	Light Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1013890	PED	7	639114	6977312	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Grass Cover	Excellent	Fine	Quartz Chips
1013891	PED	7	639114	6977312	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Grass Cover	Excellent	Fine	Quartz Chips
1013893	PED	7	624219	6972163	6/25/2011	Chocolate Brown	Sand	Dry	Steep	40	B	Poplar	Grass Cover	Good	Fine	Rocky Terrain
1013895	PED	7	633940	6976880	6/19/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1013896	PED	7	633816	6976925	6/19/2011	Dark Brown	Silt	Wet	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss > 30cm	Poor	Organic 25%	Small Sample
1013897	PED	7	633536	6976935	6/19/2011	Chocolate Brown	Silt	Wet	Steep	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Talus
1013898	PED	7	633586	6976941	6/19/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	20	A	No Tree Cover	Sphagnum Moss > 30cm	Poor	Organic 25%	Talus
1013899	PED	7	633636	6976947	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Sample	Talus
1013900	PED	7	632990	6976875	6/19/2011	Dark Brown	Silt	Damp	Steep	10	B	No Tree Cover	Thin Moss Cover	Poor	Organic 50%	Top Layer
1013901	PED	7	637320	6978763	6/23/2011	Reddish Brown	Sand	Dry	Subtle Slope	80	C	Old Burn	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust
1013902	PED	7	637371	6978761	6/23/2011	Light Brown	Sand	Dry	Subtle Slope	110	C	White Spruce	Needle Cover	Excellent	Coarse	Quartz Chips
1013903	PED	7	637419	6978748	6/23/2011	Chocolate Brown	Gravel	Dry	Flat	60	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky Sample
1013904	PED	7	637469	6978740	6/23/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Sample
1013905	PED	7	637513	6978717	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1013906	PED	7	637555	6978690	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Sample
1013907	PED	7	637585	6978651	6/23/2011	Light Brown	Sand	Dry	Flat	110	C	White Spruce	Thin Moss Cover	Excellent	Fine	Bright Orange Rust
1013908	PED	7	637613	6978610	6/23/2011	Chocolate Brown	Sand	Damp	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013909	PED	7	637648	6978574	6/23/2011	Chocolate Brown	Sand	Dry	Flat	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1013910	PED	7	637680	6978536	6/23/2011	Reddish Orange	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1013911	PED	7	637721	6978508	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1013912	PED	7	637769	6978498	6/23/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Poplar	Leaf Cover	Excellent	Rocky Terrain	Rocky Sample
1013913	PED	7	637815	6978478	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Pine	Needle Cover	Excellent	Coarse	Sandy
1013914	PED	7	637866	6978480	6/23/2011	Reddish Brown	Sand	Dry	Subtle Slope	100	C	White Spruce	Needle Cover	Excellent	Coarse	Quartz Chips
1013915	PED	7	637914	6978468	6/23/2011	Yellow	Silt	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Fine	
1013916	PED	7	637959	6978445	6/23/2011	Light Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1013917	PED	7	637995	6978411	6/23/2011	Light Brown	Clay	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Coarse	
1013918	PED	7	638030	6978376	6/23/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Pine	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1013919	PED	7	638052	6978331	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Sample
1013920	PED	7	638051	6978281	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Excellent	Rocky Sample	Rocky Terrain
1013921	PED	7	632402	6973777	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	100	C	Dwarf Birch	Leaf Cover	Excellent	Fine	
1013922	PED	7	632417	6973730	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Fine	Rocky
1013923	PED	7	632432	6973682	6/24/2011	Chocolate Brown	Clay	Dry	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	Coarse
1013924	PED	7	632446	6973634	6/24/2011	Dark Brown	Clay	Dry	Subtle Slope	70	B	Dwarf Birch	Thin Moss Cover	Good	Rocky Sample	Rocky Terrain
1013925	PED	7	632461	6973587	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1013926	PED	7	632470	6973538	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky Sample	Rocky Terrain
1013927	PED	7	632484	6973490	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	No Tree Cover	Thin Moss Cover	Excellent	Fine	
1013928	PED	7	632484	6973490	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	No Tree Cover	Thin Moss Cover	Excellent	Fine	
1013929	PED	7	632484	6973440	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Rocky
1013930	PED	7	632480	6973389	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Rocky Sample
1013931	PED	7	632478	6973339	6/24/2011	Dark Grey Black	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Fine	Rocky Terrain
1013932	PED	7	632479	6973289	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	90	B	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1013933	PED	7	632475	6973239	6/24/2011	Yellow	Silt	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Fine	Rocky Terrain
1013934	PED	7	605510	6983909	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1013935	PED	7	605465	6983920	6/24/2011	Reddish Orange	Gravel	Dry	Subtle Slope	110	C	Poplar	Thin Moss Cover	Excellent	Fine	Dull Red Rust
1013936	PED	7	605466	6983921	6/24/2011	Reddish Orange	Sand	Dry	Subtle Slope	110	C	Poplar	Thin Moss Cover	Excellent	Fine	Dull Red Rust
1013937	PED	7	605416	6983922	6/24/2011	Bluish Grey	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Clay
1013938	PED	7	605365	6983915	6/24/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	Quartz Chips
1013939	PED	7	605317	6983899	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Clay
1013940	PED	7	605271	6983879	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Rusty Rock Chip	Coarse
1013941	PED	7	605256	6983831	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Coarse	Clay
1013942	PED	7	605245	6983782	6/24/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Poplar	Thin Moss Cover	Good	Coarse	Rocky
1013943	PED	7	605248	6983731	6/24/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Poplar	Leaf Cover	Good	Rocky	Clay
1013944	PED	7	605258	6983682	6/24/2011	Reddish Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	Dull Red Rust
1013945	PED	7	605221	6983647	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1013946	PED	7	605216	6983597	6/24/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1013947	PED	7	605197	6983551	6/24/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Poplar	Thin Moss Cover	Good	Rocky	
1013948	PED	7	605189	6983501	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rusty Rock Chip
1013949	PED	7	605169	6983455	6/24/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Quartz Chips	Coarse
1013950	PED	7	605137	6983417	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Fine	
1013951	PED	7	632940	6976869	6/19/2011	Chocolate Brown	Gravel	Damp	Steep	50	C	No Tree Cover	Rock Cover	Good	Rocky Terrain	Talus
1013952	PED	7	632891	6976866	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky	Talus
1013953	PED	7	632842	6976862	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Wet Soil	Talus
1013954	PED	7	632792	6976854	6/19/2011	Dark Blue Black	Silt	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Organic 25%	Rocky Terrain
1013955	PED	7	632742	6976851	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Terrain	Talus
1013956	PED	7	632643	6976838	6/19/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 10%	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1013957	PED	7	632692	6976843	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Organic 10%	Talus
1013958	PED	7	632594	6976833	6/19/2011	Dark Brown	Silt	Damp	Steep	20	A	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 50%	Small Sample
1013959	PED	7	632547	6976826	6/19/2011	Dark Blue Black	Silt	Damp	Steep	50	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1013960	PED	7	632496	6976820	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Organic 10%	Talus
1013961	PED	7	632446	6976816	6/19/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Talus
1013962	PED	7	632477	6973190	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Rocky Sample
1013963	PED	7	632470	6973140	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Fine	Rocky
1013964	PED	7	632462	6973090	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky Terrain
1013965	PED	7	632456	6973040	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky Terrain
1013966	PED	7	632453	6972990	6/24/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	
1013967	PED	7	632457	6972941	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1013968	PED	7	632464	6972891	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1013969	PED	7	632478	6972842	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Fine	
1013970	PED	7	632484	6972791	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Organic 25%
1013971	PED	7	632495	6972742	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1013972	PED	7	632510	6972695	6/24/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Poplar	Leaf Cover	Excellent	Fine	
1013973	PED	7	632525	6972647	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Rocky Terrain	Coarse
1013974	PED	7	632538	6972599	6/24/2011	Light Brown	Clay	Dry	Flat	90	C	Birch Forest	Thin Moss Cover	Good	Coarse	Rocky Sample
1013975	PED	7	632544	6972548	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1013976	PED	7	632566	6972502	6/24/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Sample	Rocky Terrain
1013977	PED	7	632576	6972453	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky Terrain
1013978	PED	7	632607	6972413	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Fine	Coarse
1013979	PED	7	632637	6972374	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	Rocky
1013980	PED	7	632675	6972341	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Birch Forest	Thin Moss Cover	Good	Rocky Sample	Fine
1013981	PED	7	632682	6972291	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Birch Forest	Leaf Cover	Poor	Fine	
1013982	PED	7	632707	6972247	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Fine	
1013983	PED	7	632749	6972217	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1013984	PED	7	632753	6972167	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Fine	
1013985	PED	7	632768	6972119	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Fine	
1013986	PED	7	632791	6972072	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	
1013987	PED	7	632798	6972023	6/24/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1013988	PED	7	632822	6971978	6/24/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Fine	Rocky
1013989	PED	7	632831	6971928	6/24/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Fine	Rocky Sample
1013990	PED	7	622357	6974075	6/27/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Birch Forest	Leaf Cover	Excellent	Fine	
1013991	PED	7	622355	6974025	6/27/2011	Reddish Yellow	Sand	Dry	Subtle Slope	110	C	Birch Forest	Leaf Cover	Excellent	Fine	
1013992	PED	7	622355	6974025	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Birch Forest	Leaf Cover	Excellent	Fine	
1013993	PED	7	622365	6973976	6/27/2011	Chocolate Brown	Sand	Dry	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1013994	PED	7	622364	6973925	6/27/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1013995	PED	7	622364	6973875	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Birch Forest	Leaf Cover	Excellent	Coarse	Quartz Chips
1013996	PED	7	622359	6973825	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Excellent	Fine	Rocky Terrain
1013997	PED	7	622361	6973775	6/27/2011	Dark Grey Black	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	Fine
1013998	PED	7	637200	6978829	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Old Burn	Leaf Cover	Excellent	Coarse	Quartz Chips
1013999	PED	7	637223	6978785	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Fine	Rocky
1014000	PED	7	637270	6978769	6/23/2011	Light Brown	Gravel	Wet	Flat	40	C	Old Burn	Thin Moss Cover	Good	Coarse	Rocky Sample
1014001	PED	7	638574	6971100	6/27/2011	Grey	Clay	Damp	Subtle Slope	50	B	Birch Forest	Thin Moss Cover	Good	Clay	
1014002	PED	7	638567	6971151	6/27/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1014003	PED	7	638558	6971200	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	
1014004	PED	7	638550	6971250	6/27/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Birch Forest	Thin Moss Cover	Good	Sandy	
1014005	PED	7	638542	6971300	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Thin Moss Cover	Good	Clay	
1014006	PED	7	638528	6971348	6/27/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	Birch Forest	Thin Moss Cover	Excellent	Sandy	
1014007	PED	7	638515	6971396	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Thin Moss Cover	Excellent	Sandy	Rocky Sample
1014008	PED	7	638514	6971447	6/27/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Birch Forest	Thin Moss Cover	Excellent	Rocky Sample	Sandy
1014009	PED	7	638503	6971496	6/27/2011	Dark Brown	Sand	Dry	Subtle Slope	30	C	Birch Forest	Thin Moss Cover	Excellent	Sandy	
1014010	PED	7	638526	6971542	6/27/2011	Grey	Silt	Damp	Subtle Slope	30	B	Birch Forest	Thin Moss Cover	Good	Clay	Sandy
1014011	PED	7	638529	6971593	6/27/2011	Greyish Green	Sand	Dry	Subtle Slope	60	C	Subalpine Fir	Thin Moss Cover	Excellent	Sandy	
1014012	PED	7	638523	6971642	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	Birch Forest	Leaf Cover	Excellent		Sandy
1014013	PED	7	638523	6971693	6/27/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1014014	PED	7	638516	6971743	6/27/2011	Greyish Green	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Thin Moss Cover	Excellent	Sandy	
1014015	PED	7	638516	6971794	6/27/2011	Grey	Gravel	Dry	Subtle Slope	90	C	Birch Forest	Needle Cover	Good	Clay	
1014016	PED	7	638512	6971845	6/27/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1014017	PED	7	638533	6971891	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1014018	PED	7	638544	6971940	6/27/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1014019	PED	7	638569	6971984	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sandy	
1014020	PED	7	638582	6972033	6/27/2011	Greyish Green	Sand	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1014021	PED	7	638589	6972085	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014022	PED	7	638569	6972131	6/27/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1014023	PED	7	638579	6972180	6/27/2011	Greyish Green	Gravel	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014024	PED	7	638596	6972227	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014025	PED	7	638626	6972269	6/27/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Wet Soil
1014026	PED	7	638638	6972317	6/27/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	
1014027	PED	7	638669	6972358	6/27/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014028	PED	7	638688	6972405	6/27/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	
1014029	PED	7	638717	6972446	6/27/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	
1014030	PED	7	638757	6972478	6/27/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	
1014031	PED	7	638792	6972514	6/27/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	
1014032	PED	7	638825	6972551	6/27/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1014033	PED	7	638853	6972592	6/27/2011	Dark Grey Black	Gravel	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	Partially Frozen
1014034	PED	7	642326	6971725	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Needle Cover	Excellent	Fine	Sandy
1014035	PED	7	642326	6971725	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Needle Cover	Excellent	Fine	Sandy
1014036	PED	7	638640	6971056	6/27/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Old Burn	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1014037	PED	7	638633	6971105	6/27/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Old Burn	Sphagnum Moss < 30cm	Good	Sandy	
1014038	PED	7	638629	6971156	6/27/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Sandy	
1014039	PED	7	635720	6969443	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Rocky	
1014040	PED	7	635745	6969487	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1014041	PED	7	635750	6969537	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1014042	PED	7	635736	6969585	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1014043	PED	7	635721	6969633	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1014044	PED	7	634899	6968294	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	90	B	White Spruce	Leaf Cover	Good	Sandy	
1014045	PED	7	634849	6968294	6/28/2011	Chocolate Brown	Silt	Dry	Subtle Slope	110	B	White Spruce	Thin Moss Cover	Excellent	Sandy	
1014046	PED	7	634800	6968308	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1014047	PED	7	634748	6968304	6/28/2011	Chocolate Brown	Sand	Dry	Flat	80	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1014048	PED	7	634698	6968295	6/28/2011	Grey	Silt	Dry	Subtle Slope	70	B	Birch Forest	Leaf Cover	Good	Fine	Sandy
1014049	PED	7	634651	6968278	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014050	PED	7	634600	6968268	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1014051	PED	7	614525	6976013	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1014052	PED	7	614486	6976045	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014053	PED	7	614453	6976082	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1014054	PED	7	614444	6976133	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014055	PED	7	614392	6976220	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1014056	PED	7	614417	6976176	7/1/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1014057	PED	7	614369	6976266	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014058	PED	7	614327	6976293	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014059	PED	7	614297	6976333	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1014060	PED	7	614273	6976378	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014061	PED	7	614230	6976404	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Organic 10%	Coarse
1014062	PED	7	614196	6976443	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Excellent	Organic 10%	Coarse
1014063	PED	7	614159	6976477	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	B	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1014064	PED	7	614129	6976517	7/1/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Good	Sandy	
1014065	PED	7	614093	6976555	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Sandy	
1014066	PED	7	614019	6976624	7/1/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Rocky	Rocky Terrain
1014067	PED	7	613995	6976667	7/1/2011	Dark Grey Black	Silt	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Mud
1014069	PED	7	613965	6976709	7/1/2011	Dark Grey Black	Silt	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Mud
1014070	PED	7	613933	6976748	7/1/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Sandy
1014071	PED	7	613888	6976838	7/1/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen
1014072	PED	7	613888	6976838	7/1/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	
1014073	PED	7	612223	6980019	7/2/2011	Grey	Silt	Wet	Pronounced Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014074	PED	7	612246	6980065	7/2/2011	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014075	PED	7	612292	6980088	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014076	PED	7	612330	6980119	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014077	PED	7	612370	6980151	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014078	PED	7	612418	6980167	7/2/2011	Dark Olivine Green	Sand	Damp	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014079	PED	7	612462	6980193	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014080	PED	7	612513	6980197	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Coarse
1014081	PED	7	612560	6980218	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014082	PED	7	612586	6980261	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014083	PED	7	612635	6980272	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014084	PED	7	612684	6980280	7/2/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1014085	PED	7	612722	6980313	7/2/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014086	PED	7	612743	6980358	7/2/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014087	PED	7	612782	6980390	7/2/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1014088	PED	7	612820	6980423	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014089	PED	7	612858	6980455	7/2/2011	Reddish Yellow	Sand	Wet	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014090	PED	7	612885	6980497	7/2/2011	Dark Blue Black	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014091	PED	7	612913	6980539	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014092	PED	7	612936	6980583	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1014093	PED	7	612986	6980597	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014094	PED	7	613001	6980646	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014095	PED	7	613040	6980679	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014096	PED	7	613072	6980719	7/2/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky	
1014097	PED	7	613097	6980763	7/2/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014098	PED	7	613138	6980793	7/2/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1014099	PED	7	613173	6980829	7/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Sandy
1014100	PED	7	613213	6980859	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014101	PED	7	641077	6972558	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1014102	PED	7	641123	6972541	6/28/2011	Dark Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1014103	PED	7	641172	6972530	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1014104	PED	7	641223	6972529	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	Birch Forest	Leaf Cover	Excellent	Coarse	Sandy
1014105	PED	7	641269	6972508	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1014106	PED	7	641321	6972501	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Excellent	Coarse	
1014107	PED	7	641368	6972482	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	20	C	Poplar	Leaf Cover	Excellent	Coarse	
1014108	PED	7	641414	6972462	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Pine	Needle Cover	Excellent	Fine	
1014109	PED	7	641460	6972443	6/28/2011	Grey	Gravel	Dry	Pronounced Slope	20	C	Pine	Needle Cover	Excellent	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1014110	PED	7	641499	6972409	6/28/2011	Grey	Sand	Dry	Pronounced Slope	30	C	Poplar	Bare Soil	Excellent	Sandy	
1014111	PED	7	641546	6972390	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014112	PED	7	641589	6972365	6/28/2011	Grey	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1014113	PED	7	641632	6972339	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Excellent	Fine	Sandy
1014114	PED	7	641675	6972313	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	White Spruce	Bare Soil	Good	Fine	
1014115	PED	7	641723	6972297	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good		
1014116	PED	7	641770	6972277	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Fine	
1014117	PED	7	641814	6972254	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1014118	PED	7	641860	6972235	6/28/2011	Grey	Gravel	Dry	Pronounced Slope	40	C	Pine	Needle Cover	Excellent	Fine	
1014119	PED	7	641902	6972204	6/28/2011	Grey	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Sandy	
1014120	PED	7	641944	6972177	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1014121	PED	7	641982	6972144	6/28/2011	Grey	Sand	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Excellent	Fine	Sandy
1014122	PED	7	642022	6972113	6/28/2011	Grey	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Sandy	
1014123	PED	7	642062	6972083	6/28/2011	Grey	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1014124	PED	7	642093	6972044	6/28/2011	Chocolate Brown	Silt	Dry	Flat	40	B	Pine	Needle Cover	Good	Fine	
1014125	PED	7	642124	6972004	6/28/2011	Grey	Silt	Dry	Subtle Slope	70	B	Poplar	Grass Cover	Good	Fine	
1014126	PED	7	642148	6971961	6/28/2011	Greyish Green	Silt	Dry	Subtle Slope	80	B	Pine	Thin Moss Cover	Poor	Fine	
1014127	PED	7	642181	6971923	6/28/2011	Greyish Green	Silt	Dry	Subtle Slope	80	B	Pine	Leaf Cover	Good	Sandy	
1014128	PED	7	642218	6971889	6/28/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Fine	Sandy
1014129	PED	7	642218	6971889	6/28/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Fine	Sandy
1014130	PED	7	642253	6971854	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Sandy	
1014131	PED	7	642253	6971854	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Sandy	
1014132	PED	7	642267	6971805	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Sandy	Fine
1014133	PED	7	642267	6971805	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Fine	Sandy
1014134	PED	7	642290	6971760	6/28/2011	Grey	Silt	Dry	Pronounced Slope	90	B	Pine	Grass Cover	Good	Fine	
1014135	PED	7	642290	6971760	6/28/2011	Grey	Silt	Dry	Pronounced Slope	90	B	Pine	Grass Cover	Good	Fine	
1014151	PED	7	633881	6968922	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1014152	PED	7	633889	6968872	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Rocky	
1014153	PED	7	633892	6968821	6/28/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Rocky	
1014154	PED	7	633905	6968772	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	
1014155	PED	7	633910	6968722	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Excellent	Coarse	
1014156	PED	7	633924	6968675	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Grass Cover	Good	Rocky	
1014157	PED	7	633931	6968625	6/28/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1014158	PED	7	633935	6968625	6/28/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1014159	PED	7	633945	6968576	6/28/2011	Chocolate Brown	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Good	Coarse	
1014160	PED	7	633950	6968524	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	
1014161	PED	7	633965	6968475	6/28/2011	Grey	Silt	Damp	Pronounced Slope	110	B	Poplar	Grass Cover	Good	Sandy	
1014193	PED	7	614834	6975751	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014194	PED	7	614794	6975783	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014195	PED	7	614717	6975847	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014196	PED	7	614758	6975819	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014197	PED	7	614678	6975880	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1014198	PED	7	614640	6975914	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1014199	PED	7	614601	6975946	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1014200	PED	7	614561	6975977	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1014201	PED	7	610665	6979403	6/28/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Sandy	
1014202	PED	7	610716	6979412	6/28/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	40	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Sandy	
1014203	PED	7	610762	6979432	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Clay	
1014204	PED	7	610805	6979462	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Fine	
1014205	PED	7	610850	6979485	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Sandy	
1014206	PED	7	610888	6979519	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Fine	
1014207	PED	7	610934	6979540	6/28/2011	Light Brown	Silt	Dry	Pronounced Slope	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Sandy	
1014208	PED	7	610971	6979575	6/28/2011	Reddish Orange	Silt	Dry	Pronounced Slope	80	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Clay	
1014209	PED	7	611021	6979587	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Clay	
1014210	PED	7	611067	6979608	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Subalpine Fir	Thin Moss Cover	Excellent	Clay	
1014211	PED	7	611109	6979635	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Subalpine Fir	Thin Moss Cover	Excellent	Fine	
1014212	PED	7	611158	6979642	6/28/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Sandy	
1014213	PED	7	611207	6979653	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Subalpine Fir	Sphagnum Moss > 30cm	Excellent	Clay	
1014214	PED	7	611257	6979669	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Loess	
1014215	PED	7	611303	6979687	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Clay	
1014216	PED	7	611354	6979693	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Sandy	Rocky Terrain
1014217	PED	7	611402	6979710	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Subalpine Fir	Sphagnum Moss > 30cm	Good	Clay	Rocky Terrain
1014218	PED	7	611450	6979727	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Subalpine Fir	Sphagnum Moss > 30cm	Good	Rocky Terrain	
1014219	PED	7	611499	6979718	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Excellent	Sandy	
1014220	PED	7	611548	6979729	6/28/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	60	B	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1014221	PED	7	611580	6979768	6/28/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1014222	PED	7	611625	6979792	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Excellent	Sandy	
1014223	PED	7	611673	6979810	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss > 30cm	Excellent	Clay	
1014224	PED	7	611703	6979851	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1014225	PED	7	611746	6979877	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1014226	PED	7	611796	6979889	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	B	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Sandy	
1014227	PED	7	611844	6979902	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	80	B	Subalpine Fir	Thin Moss Cover	Excellent	Clay	
1014228	PED	7	611893	6979916	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Subalpine Fir	Thin Moss Cover	Excellent	Clay	
1014229	PED	7	611938	6979938	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Clay	
1014230	PED	7	611983	6979960	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Clay	Rusty Rock Chip
1014231	PED	7	612028	6979984	6/28/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1014232	PED	7	612078	6980000	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	Subalpine Fir	Thin Moss Cover	Good	Clay	Rocky Terrain
1014233	PED	7	612124	6980017	6/28/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1014234	PED	7	612176	6980026	6/28/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1014251	PED	7	643067	6970872	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Clay	
1014252	PED	7	643094	6970830	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Excellent		
1014253	PED	7	643095	6970779	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Good		
1014254	PED	7	643136	6970748	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Pine	Grass Cover	Good		
1014255	PED	7	643177	6970719	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	Poplar	Grass Cover	Excellent		
1014256	PED	7	643220	6970694	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Good		
1014257	PED	7	643262	6970667	6/28/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Needle Cover	Excellent		
1014258	PED	7	643309	6970677	6/28/2011	Light Bluish Grey	Sand	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Clay	
1014259	PED	7	643352	6970651	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1014260	PED	7	643396	6970629	6/28/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Sandy	Rocky
1014261	PED	7	643441	6970606	6/28/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good		
1014297	PED	7	613490	6977430	7/1/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Sandy	Partially Frozen
1014298	PED	7	613503	6977383	7/1/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Sandy	Partially Frozen
1014299	PED	7	613490	6977334	7/1/2011	Grey	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014300	PED	7	613488	6977285	7/1/2011	Dark Brown	Sand	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	
1014301	PED	7	614585	6975696	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1014302	PED	7	614536	6975682	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1014303	PED	7	614491	6975659	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1014304	PED	7	614446	6975634	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1014305	PED	7	614399	6975612	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1014306	PED	7	614352	6975595	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1014307	PED	7	614309	6975570	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	
1014308	PED	7	614271	6975536	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1014309	PED	7	614229	6975505	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1014310	PED	7	614196	6975467	7/1/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1014311	PED	7	614150	6975445	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014312	PED	7	614110	6975415	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1014313	PED	7	614061	6975403	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014314	PED	7	614017	6975375	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Excellent	Coarse	
1014315	PED	7	613967	6975365	7/1/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014316	PED	7	613919	6975348	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014317	PED	7	613871	6975332	7/1/2011	Greyish Green	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1014318	PED	7	613828	6975304	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Good	Coarse	
1014319	PED	7	613778	6975296	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Grass Cover	Excellent	Coarse	
1014320	PED	7	613729	6975287	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1014321	PED	7	613678	6975281	7/1/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1014322	PED	7	613629	6975274	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1014323	PED	7	613579	6975263	7/1/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	
1014324	PED	7	613535	6975242	7/1/2011	Dark Grey Black	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Fine	
1014325	PED	7	613535	6975242	7/1/2011	Dark Grey Black	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Fine	
1014326	PED	7	613482	6975247	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Coarse	
1014327	PED	7	613482	6975247	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Coarse	
1014328	PED	7	615329	6976795	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014329	PED	7	615287	6976827	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	White Spruce	Leaf Cover	Good	Coarse	
1014330	PED	7	615247	6976858	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1014331	PED	7	615210	6976894	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1014332	PED	7	615169	6976923	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	B	Birch Forest	Leaf Cover	Good	Fine	
1014333	PED	7	615140	6976965	7/2/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	
1014334	PED	7	615099	6976996	7/2/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1014335	PED	7	615061	6977028	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Black Spruce	Raindeer Moss	Poor	Fine	
1014336	PED	7	615023	6977063	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	
1014337	PED	7	614983	6977096	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	Black Spruce	Raindeer Moss	Good	Coarse	
1014338	PED	7	614938	6977120	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Coarse	
1014339	PED	7	614891	6977143	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	B	Black Spruce	Raindeer Moss	Poor	Fine	
1014340	PED	7	614842	6977157	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	
1014341	PED	7	614796	6977177	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014342	PED	7	614748	6977192	7/2/2011	Reddish Yellow	Sand	Dry	Subtle Slope	60	C	Black Spruce	Leaf Cover	Excellent	Coarse	
1014343	PED	7	614703	6977220	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014344	PED	7	614659	6977246	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Raindeer Moss	Excellent	Coarse	
1014345	PED	7	614612	6977263	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014346	PED	7	614567	6977287	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1014347	PED	7	614527	6977298	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1014348	PED	7	614476	6977287	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Raindeer Moss	Excellent	Coarse	
1014349	PED	7	614427	6977279	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014350	PED	7	614377	6977279	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1014351	PED	7	614745	6975366	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Fine	
1014352	PED	7	614730	6975317	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Excellent	Fine	
1014353	PED	7	614703	6975275	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Grass Cover	Excellent	Fine	
1014354	PED	7	614681	6975230	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Fine	
1014355	PED	7	614671	6975181	7/1/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	Poplar	Thin Moss Cover	Excellent	Coarse	
1014356	PED	7	614660	6975131	7/1/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Poplar	Thin Moss Cover	Excellent	Clay	
1014357	PED	7	614663	6975082	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Excellent	Fine	
1014358	PED	7	614654	6975033	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Fine	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1014359	PED	7	614633	6974987	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Fine	
1014360	PED	7	614490	6978733	7/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1014361	PED	7	614540	6978740	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1014362	PED	7	614590	6978743	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1014363	PED	7	614638	6978731	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Fine	
1014364	PED	7	614686	6978717	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Grass Cover	Excellent	Fine	
1014365	PED	7	614734	6978708	7/2/2011	Light Brown	Gravel	Dry	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1014366	PED	7	614777	6978683	7/2/2011	Reddish Orange	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Clay
1014367	PED	7	614828	6978674	7/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	Rocky Terrain
1014368	PED	7	614872	6978648	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	White Spruce	Thin Moss Cover	Excellent	Clay	
1014369	PED	7	614916	6978676	7/2/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	White Spruce	Thin Moss Cover	Good	Rocky Terrain	
1014370	PED	7	614966	6978684	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky Terrain
1014371	PED	7	615017	6978687	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Fine	
1014372	PED	7	615063	6978670	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Excellent	Clay	
1014373	PED	7	615113	6978663	7/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Fine	
1014374	PED	7	615163	6978663	7/2/2011	Light Brown	Clay	Dry	Subtle Slope	80	B	White Spruce	Grass Cover	Good	Clay	
1014375	PED	7	615198	6978700	7/2/2011	Chocolate Brown	Clay	Dry	Subtle Slope	80	B	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1014376	PED	7	615247	6978708	7/2/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Excellent	Fine	
1014377	PED	7	615298	6978706	7/2/2011	Dark Brown	Gravel	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Good	Clay	
1014378	PED	7	615348	6978717	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1014379	PED	7	615393	6978737	7/2/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	90	C	Poplar	Thin Moss Cover	Excellent	Fine	
1014380	PED	7	615442	6978750	7/2/2011	Dark Brown	Sand	Dry	Subtle Slope	40	B	Pine	Thin Moss Cover	Excellent	Clay	
1014381	PED	7	615491	6978757	7/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Thin Moss Cover	Excellent	Fine	
1014382	PED	7	615541	6978767	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Thin Moss Cover	Excellent	Fine	
1014383	PED	7	615591	6978771	7/2/2011	Dark Brown	Sand	Dry	Subtle Slope	90	C	Pine	Thin Moss Cover	Excellent	Fine	Fine
1014384	PED	7	615641	6978779	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Thin Moss Cover	Excellent	Fine	
1014385	PED	7	615690	6978795	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1014386	PED	7	615740	6978804	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Clay	Rocky Terrain
1014387	PED	7	615791	6978809	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	Rocky Terrain
1014388	PED	7	615841	6978808	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Clay	
1014389	PED	7	615892	6978798	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Thin Moss Cover	Excellent	Clay	
1014390	PED	7	615943	6978795	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Excellent	Clay	
1014391	PED	7	615993	6978804	7/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1014392	PED	7	615993	6978804	7/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1014393	PED	7	616050	6978811	7/2/2011	Light Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Fine	
1014401	PED	7	613252	6980892	7/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014402	PED	7	613288	6980929	7/2/2011	Dark Brown	Silt	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Sandy
1014403	PED	7	613308	6980975	7/2/2011	Reddish Yellow	Clay	Damp	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014404	PED	7	613330	6981021	7/2/2011	Dark Brown			Subtle Slope	60	C	Black Spruce	30>Sphagnum Moss	Good	Clay	
1014405	PED	7	613370	6981112	7/2/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Mud	Sandy
1014406	PED	7	613343	6981069	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1014452	PED	7	638855	6972833	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Quartz Chips	
1014453	PED	7	638892	6972799	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good		
1014454	PED	7	638929	6972764	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Black Spruce	Grass Cover	Good		
1014455	PED	7	638973	6972741	6/27/2011	Light Bluish Grey	Sand	Dry	Pronounced Slope	100	C	Dwarf Birch	Grass Cover	Excellent	Coarse	Dull Red Rust
1014456	PED	7	639016	6972714	6/27/2011	Light Bluish Grey	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent		
1014457	PED	7	639052	6972681	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Good		
1014458	PED	7	639089	6972648	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Good		
1014459	PED	7	639173	6972603	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent		
1014460	PED	7	639220	6972585	6/27/2011	Chocolate Brown	Sand	Dry	Steep	80	C	Poplar	Grass Cover	Excellent		
1014461	PED	7	639264	6972561	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good		
1014462	PED	7	639309	6972539	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Rocky	Quartz Chips
1014463	PED	7	639353	6972517	6/27/2011	Chocolate Brown	Sand	Dry	Steep	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent		
1014464	PED	7	639401	6972504	6/27/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	90	C	White Spruce	Grass Cover	Excellent		
1014465	PED	7	639451	6972498	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good		
1014466	PED	7	639478	6972457	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Rocky	
1014467	PED	7	639509	6972417	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good		
1014468	PED	7	639509	6972417	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good		
1014469	PED	7	641543	6970060	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Needle Cover	Good	Rocky	
1014470	PED	7	641588	6970082	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Excellent		
1014471	PED	7	641635	6970101	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent		
1014472	PED	7	641635	6970101	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent		
1014473	PED	7	641674	6970134	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1014474	PED	7	641722	6970134	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Pine	Needle Cover	Good		
1014475	PED	7	641772	6970136	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	Pine	Needle Cover	Good	Sandy	
1014476	PED	7	642360	6971658	6/28/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Pine	Needle Cover	Excellent		
1014477	PED	7	642405	6971634	6/28/2011	Grey	Clay	Dry	Flat	80	B	Poplar	Grass Cover	Good	Sandy	
1014478	PED	7	642451	6971620	6/28/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Pine	Needle Cover	Good	Sandy	
1014479	PED	7	642499	6971606	6/28/2011	Pale Greenish	Sand	Dry	Flat	40	C	Pine	Needle Cover	Good		
1014480	PED	7	642546	6971590	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	Poplar	Thin Moss Cover	Good	Sandy	Rocky
1014481	PED	7	642586	6971561	6/28/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Sandy	
1014482	PED	7	642632	6971541	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	40	B	Poplar	Thin Moss Cover	Good	Rocky Sample	
1014483	PED	7	642673	6971511	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Excellent		
1014484	PED	7	642715	6971484	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Good		
1014485	PED	7	642750	6971448	6/28/2011	Dark Blue Black	Sand	Dry	Subtle Slope	40	B	Poplar	Grass Cover	Good		
1014486	PED	7	642785	6971411	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Good		

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1014487	PED	7	642785	6971411	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Good		
1014488	PED	7	642818	6971373	6/28/2011	Reddish Yellow	Silt	Dry	Subtle Slope	40	B	Poplar	Grass Cover	Good	Sandy	
1014489	PED	7	642855	6971340	6/28/2011	Chocolate Brown	Clay	Dry	Subtle Slope	60	B	Poplar	Grass Cover	Good	Sandy	
1014490	PED	7	642890	6971304	6/28/2011	Chocolate Brown	Silt	Dry	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014491	PED	7	642929	6971272	6/28/2011	Grey	Sand	Wet	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1014492	PED	7	642948	6971226	6/28/2011	Grey	Clay	Wet	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	
1014493	PED	7	642975	6971183	6/28/2011	Grey	Clay	Wet	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Sandy
1014494	PED	7	643015	6971153	6/28/2011	Grey	Clay	Damp	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Poor		
1014495	PED	7	643033	6971108	6/28/2011	Grey	Clay	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor		
1014496	PED	7	643038	6971059	6/28/2011	Light Bluish Grey	Clay	Damp	Subtle Slope	70	B	White Spruce	Thin Moss Cover	Good	Sandy	
1014497	PED	7	643046	6971008	6/28/2011	Light Bluish Grey	Sand	Damp	Flat	80	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1014498	PED	7	643055	6970958	6/28/2011	Bluish Grey	Clay	Dry	Flat	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014499	PED	7	643055	6970952	6/28/2011	Bluish Grey	Clay	Dry	Flat	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1014500	PED	7	643085	6970917	6/28/2011	Grey	Clay	Damp	Flat	60	B	White Spruce	Thin Moss Cover	Poor	Partially Frozen	
1014501	PED	7	621235	6980553	6/11/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Reindeer Moss	Excellent	Coarse	Rocky
1014502	PED	7	621224	6980602	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1014503	PED	7	621214	6980652	6/11/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Organic 10%
1014504	PED	7	621271	6980407	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Sand	Coarse
1014505	PED	7	621199	6980750	6/11/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Mud
1014506	PED	7	629488	6973613	6/9/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Partially Frozen
1014507	PED	7	629488	6973462	6/9/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Big Round Boulders
1014508	PED	7	629488	6973512	6/9/2011	Dark Blue Black	Sand	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	Coarse
1014509	PED	7	629486	6973310	6/9/2011	Chocolate Brown	Silt	Wet	Subtle Slope	70	C	White Spruce	Reindeer Moss	Good	Sand	Partially Frozen
1014510	PED	7	629489	6973210	6/9/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	Big Round Boulders
1014511	PED	7	624087	6979276	6/10/2011	Chocolate Brown	Sand	Damp	Flat	50	B	Dwarf Birch	Reindeer Moss	Good	Coarse	Partially Frozen
1014512	PED	7	624040	6979291	6/10/2011	Chocolate Brown	Sand	Wet	Flat	30	B	Dwarf Birch	Reindeer Moss	Poor	Partially Frozen	Mud
1014513	PED	7	629483	6973763	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	Rocky
1014514	PED	7	629481	6973813	6/9/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Partially Frozen
1014515	PED	7	629486	6973898	6/9/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Coarse
1014516	PED	7	629493	6973948	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	20	B	White Spruce	Reindeer Moss	Poor	Coarse	Mud
1014517	PED	7	621283	6980358	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Poor	Coarse	Rocky
1014518	PED	7	621472	6979898	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Coarse
1014519	PED	7	621523	6979704	6/11/2011	Chocolate Brown	Sand	Wet	Steep	50	B	White Spruce	Thin Moss Cover	Poor	Wet Soil	Organic 10%
1014520	PED	7	621537	6979657	6/11/2011	Chocolate Brown	Sand	Damp	Steep	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Talus	Organic 10%
1014521	PED	7	621555	6979558	6/11/2011	Chocolate Brown	Gravel	Damp	Steep	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1014522	PED	7	621559	6979508	6/11/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	White Spruce	Thin Moss Cover	Poor	Organic 50%	Small Sample
1014523	PED	7	624230	6979225	6/10/2011	Reddish Yellow	Sand	Wet	Subtle Slope	70	C	Dwarf Birch	Reindeer Moss	Good	Coarse	Rocky
1014524	PED	7	624273	6979199	6/10/2011	Reddish Yellow	Gravel	Wet	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Poor	Sand	Wet Soil
1014525	PED	7	624182	6979246	6/10/2011	Reddish Yellow	Gravel	Wet	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Good	Sand	Wet Soil
1014526	PED	7	624135	6979262	6/10/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	B	Dwarf Birch	Reindeer Moss	Poor	Wet Soil	Small Sample
1014527	PED	7	629488	6973361	6/9/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	White Spruce	Reindeer Moss	Good	Wet Soil	Quartz Chips
1014528	PED	7	629487	6973411	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Birch Forest	Rock Cover	Poor	Wet Soil	Big Round Boulders
1014529	PED	7	629487	6973563	6/9/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	Coarse
1014530	PED	7	623992	6979306	6/10/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Poor	Frozen	Coarse
1014531	PED	7	623944	6979319	6/10/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Poor	Wet Soil	Coarse
1014532	PED	7	629496	6973110	6/9/2011	Reddish Yellow	Sand	Dry	Subtle Slope	40	B	White Spruce	Reindeer Moss	Excellent	Coarse	Quartz Chips
1014535	PED	7	629493	6973160	6/9/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Sand	Wet Soil
1014536	PED	7	629489	6973260	6/9/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	White Spruce	Reindeer Moss	Poor	Organic 10%	Partially Frozen
1014537	PED	7	629498	6974098	6/9/2011	Reddish Orange	Gravel	Damp	Subtle Slope	20	B	White Spruce	Reindeer Moss	Poor	Sand	Coarse
1014538	PED	7	629496	6974048	6/9/2011	Chocolate Brown	Sand	Wet	Subtle Slope	20	B	Dwarf Birch	Reindeer Moss	Good	Wet Soil	Coarse
1014539	PED	7	621350	6980224	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Mud
1014540	PED	7	621375	6980180	6/11/2011	Reddish Orange	Gravel	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Coarse
1014541	PED	7	624360	6979154	6/10/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	A	Dwarf Birch	Reindeer Moss	Poor	Small Sample	Rocky
1014542	PED	7	621396	6980135	6/11/2011	Reddish Orange	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1014543	PED	7	621441	6980045	6/11/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	20	B	White Spruce	Reindeer Moss	Poor	Sand	Coarse
1014544	PED	7	621421	6980091	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sand
1014545	PED	7	624577	6978720	6/10/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor	Mud	Organic 10%
1014546	PED	7	623498	6973325	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Grass Cover	Good	Fine	Sand
1014547	PED	7	623522	6973281	6/18/2011	Chocolate Brown	Sand	Dry	Steep	40	B	Poplar	Grass Cover	Poor	Talus	Organic 25%
1014548	PED	7	623906	6972763	6/18/2011	Light Brown	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Excellent	Coarse	Sand
1014549	PED	7	623862	6972787	6/18/2011	Light Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Good	Fine	Sand
1014550	PED	7	626666	6972889	6/18/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1014601	PED	7	616239	6977013	7/3/2011	Reddish Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Sandy	
1014602	PED	7	616260	6977060	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	Sandy
1014603	PED	7	616286	6977103	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	
1014604	PED	7	616317	6977145	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	Coarse
1014605	PED	7	616349	6977185	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1014606	PED	7	616376	6977229	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1014607	PED	7	616377	6977280	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Coarse	
1014608	PED	7	616374	6977381	7/3/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky	
1014609	PED	7	616368	6977431	7/3/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	Partially Frozen
1014610	PED	7	616354	6977482	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Good	Mud	Partially Frozen
1014611	PED	7	616353	6977533	7/3/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1014612	PED	7	616356	6977533	7/3/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1014613	PED	7	616327	6977572	7/3/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1014614	PED	7	616290	6977609	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1014615	PED	7	616254	6977647	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Clay	
1014616	PED	7	616224	6977691	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1014617	PED	7	616209	6977739	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky	Small Sample
1014618	PED	7	616177	6977779	7/3/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky	Small Sample
1014619	PED	7	616136	6977807	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky Sample	Rocky
1014620	PED	7	616092	6977832	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	Rocky
1014621	PED	7	616092	6977832	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	Rocky
1014622	PED	7	616038	6977850	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Clay	Rocky
1014623	PED	7	615990	6977867	7/3/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 25%	Rocky
1014624	PED	7	615943	6977884	7/3/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Good	Rocky	Clay
1014625	PED	7	615894	6977895	7/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Good	Sandy	
1014626	PED	7	615847	6977917	7/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Rocky	Sandy
1014627	PED	7	615807	6977948	7/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Rocky	Sandy
1014628	PED	7	615759	6977971	7/3/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Rocky	
1014629	PED	7	615711	6977991	7/3/2011	Dark Brown	Clay	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	Rocky
1014630	PED	7	615664	6978010	7/3/2011	Dark Brown	Clay	Damp	Pronounced Slope	30	B	White Spruce	Sphagnum Moss > 30cm	Good	Rocky	Coarse
1014631	PED	7	615618	6978034	7/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1014632	PED	7	615571	6978049	7/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1014651	PED	7	616007	6976511	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Sandy	Fine
1014652	PED	7	615967	6976479	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Poor	Fine	
1014653	PED	7	615917	6976471	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Old Burn	Grass Cover	Poor	Fine	
1014654	PED	7	615867	6976467	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Old Burn	Grass Cover	Excellent	Fine	Dull Red Rust
1014655	PED	7	615866	6976461	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Thin Moss Cover	Excellent	Fine	Dull Red Rust
1014656	PED	7	615819	6976478	7/3/2011	Reddish Orange	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Grass Cover	Excellent	Rocky Sample	Coarse
1014657	PED	7	615770	6976493	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Dwarf Birch	Leaf Cover	Good	Coarse	Rocky
1014658	PED	7	615726	6976516	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Fine
1014659	PED	7	615682	6976542	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Poor	Rocky Terrain	Fine
1014660	PED	7	615644	6976576	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1014661	PED	7	615601	6976605	7/3/2011	Reddish Orange	Sand	Damp	Subtle Slope	100	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1014662	PED	7	615603	6976606	7/3/2011	Reddish Orange	Sand	Damp	Subtle Slope	100	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1014663	PED	7	615560	6976634	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1014664	PED	7	615513	6976651	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1014665	PED	7	615476	6976685	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	100	O	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1014666	PED	7	615428	6976701	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1014667	PED	7	615385	6976729	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	Fine
1014668	PED	7	615347	6976763	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1015001	PED	7	606349	6976937	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1015002	PED	7	606312	6976903	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample	
1015003	PED	7	606277	6976867	6/20/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	Rocky Sample
1015004	PED	7	606241	6976833	6/20/2011	Dark Blue Black	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Thin Moss Cover	Excellent	Fine	Rocky Sample
1015005	PED	7	606196	6976810	6/20/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1015006	PED	7	606196	6976810	6/20/2011	Light Brown	Sand	Dry	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1015008	PED	7	606160	6976776	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Fine	
1015009	PED	7	606118	6976749	6/20/2011	Light Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Organic 25%	
1015010	PED	7	606071	6976729	6/20/2011	Bluish Grey	Sand	Damp	Flat	50	C	Birch Forest	Thin Moss Cover	Good	Fine	
1015011	PED	7	606021	6976727	6/20/2011	Bluish Grey	Sand	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Sample
1015012	PED	7	606021	6976727	6/20/2011	Bluish Grey	Sand	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Sample
1015013	PED	7	605975	6976750	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1015014	PED	7	605925	6976759	6/20/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1015015	PED	7	605877	6976773	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Birch Forest	Leaf Cover	Good	Organic 10%	
1015016	PED	7	605827	6976785	6/20/2011	Light Brown	Sand	Dry	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Sandy	
1015017	PED	7	605778	6976797	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Clay	
1015018	PED	7	605732	6976818	6/20/2011	Reddish Orange	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Sandy	
1015019	PED	7	605682	6976810	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Rocky Sample	
1015020	PED	7	605632	6976809	6/20/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Organic 10%	
1015021	PED	7	605582	6976806	6/20/2011	Light Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1015022	PED	7	605536	6976826	6/20/2011	Reddish Yellow	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample	
1015023	PED	7	605489	6976846	6/20/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Poplar	Leaf Cover	Good	Rocky Sample	Coarse
1015024	PED	7	605445	6976871	6/20/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky Sample
1015025	PED	7	605404	6976898	6/20/2011	Reddish Orange	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky Sample
1015026	PED	7	605357	6976914	6/20/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Coarse	Rocky Sample
1015027	PED	7	605315	6976944	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Organic 10%	
1015028	PED	7	605276	6976975	6/20/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Fine	
1015029	PED	7	605276	6976975	6/20/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Fine	
1015030	PED	7	636500	6979070	6/23/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Old Burn	Bare Soil	Good	Coarse	Rocky Sample
1015031	PED	7	636500	6979070	6/23/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Old Burn	Bare Soil	Good	Coarse	Rocky Sample
1015032	PED	7	636544	6979046	6/23/2011	Chocolate Brown	Silt	Dry	Flat	90	B	Old Burn	Bare Soil	Good	Fine	
1015033	PED	7	636544	6979046	6/23/2011	Chocolate Brown	Silt	Dry	Flat	90	B	Old Burn	Bare Soil	Good	Fine	
1015034	PED	7	636592	6979029	6/23/2011	Chocolate Brown	Silt	Dry	Flat	60	B	Old Burn	Bare Soil	Good	Fine	
1015035	PED	7	636630	6978998	6/23/2011	Grey	Sand	Damp	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Rocky Sample	
1015036	PED	7	636669	6978966	6/23/2011	Reddish Orange	Sand	Dry	Subtle Slope	60	C	White Spruce	Needle Cover	Good	Fine	
1015037	PED	7	625591	6969853	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	Talus
1015038	PED	7	625544	6969834	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Coarse	Sandy
1015039	PED	7	625497	6969813	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Poplar	Grass Cover	Excellent	Coarse	Rocky
1015040	PED	7	625450	6969798	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1015041	PED	7	614330	6980642	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1015042	PED	7	614302	6980599	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Dull Red Rust	Fine
1015043	PED	7	614270	6980560	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sandy	Quartz Chips
1015044	PED	7	614256	6980512	6/30/2011	Chocolate Brown	Sand	Damp	Steep	70	C	Poplar	Grass Cover	Excellent	Rocky	Coarse
1015045	PED	7	614798	6980948	6/30/2011	Chocolate Brown	Clay	Damp	Flat	40	C	White Spruce	Thin Moss Cover	Poor	Fine	Rocky
1015046	PED	7	614745	6980936	6/30/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1015047	PED	7	633140	6979912	7/1/2011	Dark Brown	Silt	Damp	Pronounced Slope	60	B	Old Burn	Burnt Moss	Good	Coarse	Rocky
1015048	PED	7	633190	6979906	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	No Tree Cover	Burnt Moss	Good	Coarse	Rocky Sample
1015049	PED	7	633240	6979901	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Old Burn	Bare Soil	Good	Bright Orange Rust	Rocky
1015050	PED	7	633288	6979885	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	70	B	Old Burn	Leaf Cover	Good	Fine	
1015051	PED	7	628637	6980112	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	No Tree Cover	Frost Boil	Excellent	Fine	
1015052	PED	7	628592	6980090	6/30/2011	Chocolate Brown	Clay	Wet	Subtle Slope	80	B	No Tree Cover	Bare Soil	Excellent	Mud	
1015053	PED	7	628547	6980066	6/30/2011	Chocolate Brown	Silt	Wet	Subtle Slope	70	B	No Tree Cover	Thin Moss Cover	Good	Partially Frozen	Mud
1015054	PED	7	628505	6980039	6/30/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	No Tree Cover	Thin Moss Cover	Excellent	Partially Frozen	Rocky
1015055	PED	7	628464	6980009	6/30/2011	Chocolate Brown	Silt	Wet	Subtle Slope	90	B	No Tree Cover	Frost Boil	Good	Coarse	Mud
1015056	PED	7	628424	6979980	6/30/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Frozen	
1015057	PED	7	628384	6979951	6/30/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	No Tree Cover	Thin Moss Cover	Good	Frozen	Fine
1015058	PED	7	628343	6979921	6/30/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1015059	PED	7	628263	6979861	6/30/2011	Dark Blue Black	Silt	Wet	Subtle Slope	60	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Mud	Coarse
1015060	PED	7	628224	6979830	6/30/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	No Tree Cover	Thin Moss Cover	Good	Fine	Rocky
1015061	PED	7	628186	6979798	6/30/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	No Tree Cover	Frost Boil	Good	Coarse	Rocky
1015062	PED	7	628147	6979766	6/30/2011	Dark Brown	Silt	Wet	Flat	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Rocky
1015063	PED	7	628108	6979735	6/30/2011	Grey	Clay	Damp	Subtle Slope	50	B	No Tree Cover	Thin Moss Cover	Good	Partially Frozen	
1015064	PED	7	628068	6979703	6/30/2011	Grey	Clay	Wet	Subtle Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen	Mud
1015065	PED	7	628027	6979673	6/30/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	B	No Tree Cover	Thin Moss Cover	Poor	Rocky Terrain	Partially Frozen
1015066	PED	7	627981	6979654	6/30/2011	Dark Brown	Clay	Damp	Flat	50	B	No Tree Cover	Thin Moss Cover	Good	Fine	Rocky Terrain
1015067	PED	7	627931	6979646	6/30/2011	Dark Brown	Clay	Damp	Flat	40	B	No Tree Cover	Thin Moss Cover	Good	Bright Orange Rust	Fine
1015068	PED	7	627883	6979633	6/30/2011	Dark Brown	Silt	Damp	Flat	40	B	No Tree Cover	Thin Moss Cover	Good	Rocky Terrain	
1015069	PED	7	627836	6979616	6/30/2011	Dark Brown	Silt	Wet	Subtle Slope	70	B	No Tree Cover	Bare Soil	Good	Fine	Clay
1015070	PED	7	627786	6979604	6/30/2011	Dark Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Good	Rocky Terrain	Frozen
1015071	PED	7	627739	6979585	6/30/2011	Dark Brown	Silt	Damp	Subtle Slope	70	B	No Tree Cover	Thin Moss Cover	Good	Rocky Terrain	Partially Frozen
1015072	PED	7	627692	6979568	6/30/2011	Dark Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Rocky Terrain	Rocky Sample
1015073	PED	7	627643	6979554	6/30/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1015074	PED	7	627594	6979544	6/30/2011	Dark Brown	Clay	Damp	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1015075	PED	7	627546	6979531	6/30/2011	Grey	Silt	Damp	Subtle Slope	50	B	No Tree Cover	Frost Boil	Good	Coarse	
1015076	PED	7	627498	6979517	6/30/2011	Dark Brown	Silt	Damp	Subtle Slope	70	B	No Tree Cover	Frost Boil	Good	Rocky Terrain	Partially Frozen
1015077	PED	7	627448	6979504	6/30/2011	Dark Brown	Silt	Wet	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Partially Frozen	
1015078	PED	7	627401	6979491	6/30/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky Sample	Mud
1015079	PED	7	627351	6979480	6/30/2011	Dark Brown	Silt	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Fine	Frozen
1015080	PED	7	627249	6979470	6/30/2011	Dark Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Poor	Frozen	Rocky Terrain
1015081	PED	7	627210	6979460	6/30/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Frozen	Rocky
1015082	PED	7	632774	6979780	7/1/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1015083	PED	7	632821	6979795	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	No Tree Cover	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1015084	PED	7	632821	6979795	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	No Tree Cover	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1015085	PED	7	632868	6979810	7/1/2011	Dark Grey Black	Sand	Dry	Subtle Slope	50	C	No Tree Cover	Thin Moss Cover	Excellent	Coarse	Rocky
1015086	PED	7	632900	6979849	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Frozen	Rocky Terrain
1015087	PED	7	632947	6979864	7/1/2011	Dark Grey Black	Silt	Dry	Subtle Slope	80	C	No Tree Cover	Thin Moss Cover	Excellent	Rocky Sample	Fine
1015088	PED	7	632993	6979885	7/1/2011	Chocolate Brown	Silt	Dry	Subtle Slope	80	C	No Tree Cover	Burnt Moss	Excellent	Fine	Bright Orange Rust
1015089	PED	7	632993	6979885	7/1/2011	Chocolate Brown	Silt	Dry	Subtle Slope	80	C	No Tree Cover	Burnt Moss	Excellent	Fine	Bright Orange Rust
1015090	PED	7	633042	6979896	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	No Tree Cover	Thin Moss Cover	Excellent	Sandy	
1015091	PED	7	633659	6973502	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	Talus
1015092	PED	7	633657	6973452	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	Talus
1015093	PED	7	633652	6973403	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine	Talus
1015094	PED	7	633651	6973353	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1015095	PED	7	633635	6973303	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Talus
1015096	PED	7	633636	6973253	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Fine	Talus
1015097	PED	7	633624	6973203	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	Quartz Chips
1015098	PED	7	633616	6973154	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Fine	
1015099	PED	7	633608	6973105	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Talus
1015100	PED	7	633596	6973054	6/24/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Leaf Cover	Good	Coarse	
1015101	PED	7	606439	6983223	6/24/2011	Dark Brown	Clay	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Rocky Terrain
1015103	PED	7	606373	6983150	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Mud
1015104	PED	7	605884	6982743	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Bright Orange Rust	Rocky Terrain
1015105	PED	7	605854	6982703	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	Rocky Terrain
1015106	PED	7	605826	6982660	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Fine	
1015107	PED	7	605792	6982623	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Rocky
1015108	PED	7	605721	6982552	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	30	C	Birch Forest	Sphagnum Moss > 30cm	Poor	Partially Frozen	Rocky Terrain
1015109	PED	7	620955	6981953	6/25/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Rocky Terrain	Outcrop Nearby
1015110	PED	7	621398	6982183	6/25/2011	Greyish Green	Silt	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Outcrop Nearby	Rocky Terrain
1015111	PED	7	621352	6982165	6/25/2011	Greyish Green	Gravel	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Outcrop Nearby
1015112	PED	7	621214	6982102	6/25/2011	Greyish Green	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Rocky
1015113	PED	7	621168	6982085	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Bright Orange Rust
1015114	PED	7	621124	6982061	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	
1015115	PED	7	621077	6982042	6/25/2011	Grey	Clay	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Bright Orange Rust
1015116	PED	7	621305	6982148	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	
1015117	PED	7	621261	6982123	6/25/2011	Greyish Green	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	
1015118	PED	7	621036	6982011	6/25/2011	Grey	Clay	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Wet Soil

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1015119	PED	7	620996	6981981	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Rocky
1015120	PED	7	606323	6983135	6/24/2011	Dark Brown	Clay	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Organic 10%
1015121	PED	7	606276	6983117	6/24/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss > 30cm	Good	Rocky Terrain	
1015122	PED	7	606228	6983097	6/24/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky Terrain	
1015123	PED	7	606148	6983043	6/24/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Rocky Terrain	Wet Soil
1015124	PED	7	606113	6983008	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss > 30cm	Good	Coarse	Rocky Terrain
1015125	PED	7	606084	6982965	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Poor	Rocky Terrain	Rocky
1015126	PED	7	606052	6982927	6/24/2011	Grey	Clay	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Rocky Terrain	Rocky
1015127	PED	7	606020	6982889	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1015128	PED	7	605981	6982857	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Good	Rocky Terrain	
1015129	PED	7	605952	6982817	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1015130	PED	7	605927	6982773	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Bright Orange Rust	Rocky Terrain
1015131	PED	7	605927	6982773	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Bright Orange Rust	Rocky Terrain
1015132	PED	7	625236	6971420	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Excellent	Coarse	Talus
1015133	PED	7	625194	6971390	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1015134	PED	7	625177	6971343	6/25/2011	Light Brown	Silt	Dry	Pronounced Slope	90	C	White Spruce	Grass Cover	Excellent	Coarse	Rocky Terrain
1015135	PED	7	625159	6971293	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rusty Rock Chip
1015136	PED	7	625130	6971252	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Talus
1015137	PED	7	625099	6971213	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1015138	PED	7	625099	6971213	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1015139	PED	7	625091	6971163	6/25/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	B	White Spruce	Needle Cover	Good	Coarse	Rocky Terrain
1015140	PED	7	625065	6971120	6/25/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Coarse	Talus
1015141	PED	7	625042	6971074	6/25/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	80	C	White Spruce	Needle Cover	Excellent	Coarse	Rocky Terrain
1015142	PED	7	625023	6971026	6/25/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Grass Cover	Excellent	Coarse	Rocky Terrain
1015143	PED	7	625005	6970979	6/25/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1015201	PED	7	619337	6982668	6/25/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1015202	PED	7	619306	6982627	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1015203	PED	7	619289	6982580	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1015204	PED	7	619262	6982537	6/25/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	
1015205	PED	7	619237	6982491	6/25/2011	Reddish Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Clay
1015206	PED	7	619213	6982442	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Clay	Outcrop Nearby
1015207	PED	7	619190	6982400	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Pine	Thin Moss Cover	Good	Coarse	Rocky
1015208	PED	7	619157	6982362	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Pine	Thin Moss Cover	Excellent	Coarse	Rocky
1015209	PED	7	619157	6982362	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Pine	Thin Moss Cover	Excellent	Coarse	Rocky
1015210	PED	7	619114	6982329	6/25/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Pine	Thin Moss Cover	Excellent	Coarse	Sandy
1015211	PED	7	619114	6982329	6/25/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Pine	Thin Moss Cover	Excellent	Coarse	Sandy
1015212	PED	7	619071	6982297	6/25/2011	Reddish Orange	Clay	Damp	Subtle Slope	50	C	Pine	Thin Moss Cover	Excellent	Coarse	Rocky
1015213	PED	7	619031	6982264	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Pine	Thin Moss Cover	Good	Coarse	Rocky
1015214	PED	7	619016	6982214	6/25/2011	Chocolate Brown	Clay	Wet	Subtle Slope	70	C	Pine	Thin Moss Cover	Good	Rocky	Outcrop Nearby
1015215	PED	7	619004	6982165	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Rocky	Sandy
1015216	PED	7	618996	6982114	6/25/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Clay	Rocky
1015217	PED	7	618992	6982063	6/25/2011	Reddish Orange	Clay	Damp	Pronounced Slope	30	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1015218	PED	7	618954	6982029	6/25/2011	Reddish Orange	Clay	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Rocky	Outcrop Nearby
1015219	PED	7	618927	6981986	6/25/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1015220	PED	7	618914	6981937	6/25/2011	Reddish Orange	Silt	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1015221	PED	7	618885	6981895	6/25/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Mud	Rocky
1015222	PED	7	618874	6981847	6/25/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Rocky
1015223	PED	7	618853	6981800	6/25/2011	Reddish Orange	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sandy
1015224	PED	7	618865	6981750	6/25/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	
1015225	PED	7	618863	6981695	6/25/2011	Reddish Orange	Clay	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1015226	PED	7	618875	6981643	6/25/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Good	Sandy	Outcrop Nearby
1015227	PED	7	618886	6981593	6/25/2011	Reddish Orange	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Sandy	Dull Red Rust
1015228	PED	7	618886	6981541	6/25/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1015229	PED	7	618908	6981495	6/25/2011	Reddish Brown	Clay	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1015230	PED	7	618915	6981443	6/25/2011	Reddish Brown	Clay	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1015231	PED	7	618928	6981394	6/25/2011	Reddish Brown	Clay	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1015232	PED	7	618929	6981344	6/25/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1015234	PED	7	618955	6981146	6/25/2011	Chocolate Brown	Clay	Damp	Steep	80	C	Poplar	Leaf Cover	Good	Clay	Coarse
1015276	PED	7	618236	6981064	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	
1015277	PED	7	618408	6980959	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Fine
1015278	PED	7	618608	6980943	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky
1015279	PED	7	618558	6980953	6/27/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Sandy
1015280	PED	7	618327	6981019	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1015281	PED	7	618508	6980951	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1015282	PED	7	618280	6981036	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Rocky	Quartz Chips
1015283	PED	7	618457	6980951	6/27/2011	Dark Brown	Silt	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Poor	Organic 10%	Fine
1015284	PED	7	618162	6981133	6/27/2011	Light Brown	Gravel	Damp	Steep	60	C	White Spruce	Leaf Cover	Excellent	Rocky	Quartz Chips
1015285	PED	7	618122	6981164	6/27/2011	Reddish Brown	Sand	Dry	Steep	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Sample
1015286	PED	7	618082	6981194	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1015287	PED	7	618049	6981233	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Rocky	Quartz Chips
1015288	PED	7	618006	6981259	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1015289	PED	7	617964	6981285	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Fine	Rusty Rock Chip
1015290	PED	7	617914	6981295	6/27/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1015291	PED	7	617865	6981298	6/27/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Poplar	Leaf Cover	Excellent	Fine	Rusty Rock Chip
1015292	PED	7	618203	6981101	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky
1015293	PED	7	619137	6981064	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Quartz Chips

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1015294	PED	7	619093	6981039	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Quartz Chips
1015295	PED	7	619048	6981016	6/27/2011	Light Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1015296	PED	7	619048	6981015	6/27/2011	Light Brown	Sand	Damp	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1015297	PED	7	618999	6981008	6/27/2011	Reddish Brown	Gravel	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	Rocky
1015298	PED	7	618960	6980977	6/27/2011	Chocolate Brown	Sand	Wet	Steep	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky
1015299	PED	7	618908	6980981	6/27/2011	Chocolate Brown	Sand	Damp	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	Coarse
1015300	PED	7	618857	6980976	6/27/2011	Grey	Sand	Damp	Steep	80	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Sample
1015351	PED	7	613254	6975837	7/1/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Excellent	Coarse	Sandy
1015352	PED	7	613232	6975788	7/1/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Sandy	
1015353	PED	7	613215	6975742	7/1/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Sandy	
1015354	PED	7	613195	6975695	7/1/2011	Greyish Green	Sand	Dry	Steep	80	C	Poplar	Grass Cover	Excellent	Sandy	Sandy
1015355	PED	7	613181	6975646	7/1/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Fine	Sandy
1015356	PED	7	613163	6975598	7/1/2011	Dark Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sandy	
1015357	PED	7	613153	6975549	7/1/2011	Chocolate Brown	Silt	Damp	Steep	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	
1015358	PED	7	613154	6975498	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1015359	PED	7	613151	6975448	7/1/2011	Grey	Sand	Dry	Pronounced Slope	110	C	Poplar	Grass Cover	Excellent	Fine	Sandy
1015360	PED	7	613146	6975398	7/1/2011	Grey	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1015361	PED	7	613140	6975348	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1015362	PED	7	613138	6975298	7/1/2011	Grey	Silt	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1015363	PED	7	613147	6975248	7/1/2011	Grey	Gravel	Damp	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1015364	PED	7	613152	6975199	7/1/2011	Grey	Sand	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1015365	PED	7	613153	6975150	7/1/2011	Greyish Green	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1015366	PED	7	613147	6975100	7/1/2011	Grey	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1015367	PED	7	613150	6975049	7/1/2011	Greyish Green	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1015368	PED	7	613143	6975000	7/1/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Sandy
1015369	PED	7	613132	6974951	7/1/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1015370	PED	7	613129	6974900	7/1/2011	Grey	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1015371	PED	7	613116	6974851	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1015372	PED	7	613113	6974800	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1015373	PED	7	613099	6974751	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1015374	PED	7	613087	6974702	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1015375	PED	7	613076	6974651	7/1/2011	Grey	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1015376	PED	7	613074	6974601	7/1/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1015377	PED	7	613068	6974551	7/1/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Fine	
1015378	PED	7	613054	6974502	7/1/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Good	Fine	
1015379	PED	7	613012	6974476	7/1/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Fine	
1015380	PED	7	613012	6974476	7/1/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Fine	
1015381	PED	7	612963	6974486	7/1/2011	Grey	Silt	Dry	Steep	90	B	Poplar	Grass Cover	Good	Fine	Sandy
1015382	PED	7	612963	6974486	7/1/2011	Grey	Silt	Dry	Steep	90	B	Poplar	Grass Cover	Good	Fine	Sandy
1015386	PED	7	617636	6978947	7/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	20	C	Old Burn	Thin Moss Cover	Good	Rocky	
1015387	PED	7	617587	6978961	7/2/2011	Light Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Excellent	Sandy	
1015388	PED	7	617539	6978976	7/2/2011	Light Brown	Gravel	Dry	Pronounced Slope	50	C	Old Burn	Thin Moss Cover	Excellent	Sandy	
1015389	PED	7	617490	6978993	7/2/2011	Light Brown	Gravel	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	
1015390	PED	7	617441	6979008	7/2/2011	Light Brown	Gravel	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	
1015391	PED	7	617391	6979014	7/2/2011	Light Brown	Gravel	Dry	Pronounced Slope	50	C	Old Burn	Burnt Moss	Excellent	Sandy	
1015392	PED	7	617341	6979027	7/2/2011	Light Brown	Gravel	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	
1015393	PED	7	617291	6979021	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Old Burn	Burnt Moss	Excellent	Coarse	
1015394	PED	7	617240	6979013	7/2/2011	Light Brown	Gravel	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	
1015395	PED	7	617189	6979003	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Old Burn	Burnt Moss	Excellent	Clay	Rocky Sample
1015396	PED	7	617144	6978981	7/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Burnt Moss	Excellent	Coarse	
1015397	PED	7	617104	6978952	7/2/2011	Light Brown	Gravel	Dry	Subtle Slope	30	C	White Spruce	Burnt Moss	Good	Rocky Terrain	Rocky Sample
1015398	PED	7	617075	6978910	7/2/2011	Grey	Gravel	Dry	Subtle Slope	70	C	Old Burn	Burnt Moss	Good	Coarse	Rocky Sample
1015399	PED	7	617045	6978870	7/2/2011	Greyish Green	Gravel	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Sandy	
1015400	PED	7	617003	6978840	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Sandy	
1015401	PED	7	613509	6977240	7/1/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1015402	PED	7	613528	6977193	7/1/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Small Sample	
1015403	PED	7	613552	6977149	7/1/2011	Grey	Gravel	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Good	Sandy	
1015404	PED	7	613569	6977103	7/1/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1015405	PED	7	613579	6977054	7/1/2011	Grey	Gravel	Wet	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky	
1015406	PED	7	613584	6977005	7/1/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	B	Poplar	Leaf Cover	Good	Sandy	
1015407	PED	7	613577	6976956	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Poplar	Sphagnum Moss < 30cm	Good	Sandy	
1015408	PED	7	613559	6976909	7/1/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	B	Poplar	Leaf Cover	Good	Coarse	Clay
1015409	PED	7	613566	6976860	7/1/2011	Grey	Clay	Dry	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Sandy	
1015410	PED	7	613541	6976817	7/1/2011	Grey	Clay	Dry	Pronounced Slope	70	B	Birch Forest	Leaf Cover	Good	Sandy	
1015411	PED	7	613531	6976768	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Rocky
1015412	PED	7	613517	6976720	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Sphagnum Moss < 30cm	Excellent		
1015413	PED	7	613506	6976670	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1015414	PED	7	613494	6976622	7/1/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	70	B	Poplar	Leaf Cover	Good	Sandy	
1015415	PED	7	613474	6976576	7/1/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	B	Poplar	Grass Cover	Good	Sandy	
1015416	PED	7	613448	6976533	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent		
1015417	PED	7	613440	6976483	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good	Coarse	
1015418	PED	7	613424	6976435	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Coarse	Rocky
1015419	PED	7	613409	6976386	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent		
1015420	PED	7	613391	6976340	7/1/2011	Chocolate Brown	Gravel	Dry	Steep	60	B	Poplar	Grass Cover	Good	Sandy	
1015421	PED	7	613385	6976241	7/1/2011	Dark Grey Black	Clay	Dry	Pronounced Slope	80	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1015422	PED	7	613376	6976190	7/1/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1015423	PED	7	613366	6976141	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent		
1015424	PED	7	613344	6976096	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	B	Poplar	Leaf Cover	Good	Clay	
1015425	PED	7	613327	6976049	7/1/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Poor	Sandy	Rocky Terrain
1015426	PED	7	613310	6976002	7/1/2011	Dark Blue Black	Gravel	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Sandy	
1015427	PED	7	613288	6975956	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Good	Coarse	
1015428	PED	7	613288	6975956	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Good	Coarse	
1015429	PED	7	613279	6975907	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Good	Clay	
1015430	PED	7	613265	6975875	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Clay	Rocky Sample
1015431	PED	7	616460	6979567	7/2/2011	Light Brown	Gravel	Dry	Flat	60	C	Old Burn	Burnt Moss	Good	Sandy	
1015432	PED	7	616410	6979574	7/2/2011	Light Brown	Gravel	Dry	Flat	70	C	Old Burn	Burnt Moss	Good	Sandy	
1015433	PED	7	616359	6979577	7/2/2011	Reddish Yellow	Gravel	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Rocky	Sandy
1015434	PED	7	616309	6979575	7/2/2011	Reddish Yellow	Gravel	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Sandy	
1015435	PED	7	616260	6979565	7/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Old Burn	Burnt Moss	Good	Clay	
1015436	PED	7	616210	6979564	7/2/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Sandy	
1015437	PED	7	616163	6979547	7/2/2011	Light Brown	Gravel	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Sandy	Rocky
1015438	PED	7	616115	6979532	7/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Old Burn	Needle Cover	Good	Rocky	Sandy
1015439	PED	7	616064	6979535	7/2/2011	Reddish Orange	Gravel	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Good	Clay	Sandy
1015440	PED	7	616015	6979525	7/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	Old Burn	Thin Moss Cover	Good	Sandy	
1015441	PED	7	615964	6979525	7/2/2011	Greyish Green	Gravel	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Sandy	
1015442	PED	7	615913	6979525	7/2/2011	Light Bluish Grey	Gravel	Dry	Flat	50	C	Old Burn	Thin Moss Cover	Good	Sandy	
1015443	PED	7	615862	6979527	7/2/2011	Greyish Green	Gravel	Dry	Subtle Slope	80	C	Old Burn	Thin Moss Cover	Good	Sandy	
1015444	PED	7	615810	6979532	7/2/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent		
1015445	PED	7	615761	6979541	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Coarse	
1015446	PED	7	615711	6979543	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Good		
1015447	PED	7	615661	6979549	7/2/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Good		
1015448	PED	7	615613	6979568	7/2/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	70	C	Old Burn	Thin Moss Cover	Excellent		
1015449	PED	7	615569	6979590	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Old Burn	Thin Moss Cover	Excellent	Fine	
1015450	PED	7	615519	6979601	7/2/2011	Dark Brown	Gravel	Dry	Subtle Slope	60	B	Black Spruce	Thin Moss Cover	Good	Clay	Rocky
1015451	PED	7	635704	6967159	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Pine	Needle Cover	Excellent	Coarse	
1015452	PED	7	635688	6967110	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1015453	PED	7	635660	6967067	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1015454	PED	7	635631	6967026	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1015455	PED	7	635600	6966986	6/28/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1015456	PED	7	635609	6966936	6/28/2011	Chocolate Brown	Sand	Dry	Flat	60	C	White Spruce	Leaf Cover	Excellent	Coarse	
1015457	PED	7	635613	6966887	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Grass Cover	Excellent	Coarse	
1015458	PED	7	635598	6966838	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Grass Cover	Good	Fine	
1015459	PED	7	635598	6966838	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Grass Cover	Good	Fine	
1015460	PED	7	635568	6966798	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	White Spruce	Grass Cover	Excellent	Fine	
1015461	PED	7	635541	6966756	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Willows	Leaf Cover	Excellent	Fine	
1015462	PED	7	635517	6966710	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1015462	PED	7	635517	6966710	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1015463	PED	7	635510	6966661	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1015464	PED	7	635505	6966610	6/28/2011	Reddish Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1015465	PED	7	635487	6966564	6/28/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1015466	PED	7	635478	6966514	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	
1015497	PED	7	614784	6975739	7/1/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1015498	PED	7	614735	6975728	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1015499	PED	7	614685	6975717	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	
1015500	PED	7	614635	6975708	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	B	Poplar	Leaf Cover	Good	Fine	
1018601	PED	7	614438	6978776	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	
1018602	PED	7	614410	6978818	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018603	PED	7	614379	6978857	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	80	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1018604	PED	7	614346	6978895	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky
1018605	PED	7	614314	6978934	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good		Fine
1018606	PED	7	614306	6978983	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1018607	PED	7	614294	6979031	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1018608	PED	7	614281	6979081	7/2/2011	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Thin Moss Cover	Excellent	Rocky	
1018609	PED	7	614281	6979081	7/2/2011	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Thin Moss Cover	Excellent	Rocky	
1018610	PED	7	614272	6979131	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018611	PED	7	614258	6979179	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018612	PED	7	614242	6979228	7/2/2011	Grey	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018613	PED	7	614224	6979275	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1018614	PED	7	614230	6979326	7/2/2011	Grey	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1018615	PED	7	614230	6979376	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1018616	PED	7	614234	6979427	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1018617	PED	7	614238	6979475	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018618	PED	7	614247	6979525	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky
1018619	PED	7	614241	6979574	7/2/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	
1018620	PED	7	614231	6979623	7/2/2011	Grey	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen
1018621	PED	7	614212	6979670	7/2/2011	Dark Grey Black	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	
1018622	PED	7	614202	6979720	7/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1018623	PED	7	614187	6979769	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018624	PED	7	614171	6979817	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1018625	PED	7	614156	6979864	7/2/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018626	PED	7	614140	6979912	7/2/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	B	Black Spruce	Thin Moss Cover	Good	Rocky Terrain	Organic 10%
1018627	PED	7	614122	6979959	7/2/2011	Dark Grey Black	Sand	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Fine	Partially Frozen

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1018628	PED	7	614109	6980008	7/2/2011	Dark Grey Black	Sand	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Fine	Partially Frozen
1018629	PED	7	614093	6980055	7/2/2011	Grey	Clay	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Good	Fine	Partially Frozen
1018630	PED	7	614079	6980103	7/2/2011	Dark Grey Black	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen	
1018631	PED	7	614060	6980151	7/2/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	40	B	Black Spruce	Thin Moss Cover	Good	Fine	Partially Frozen
1018632	PED	7	614047	6980199	7/2/2011	Dark Grey Black	Clay	Damp	Pronounced Slope	40	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen	
1018633	PED	7	614036	6980248	7/2/2011	Grey	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Thin Moss Cover	Good	Organic 10%	Partially Frozen
1018634	PED	7	614018	6980294	7/2/2011	Dark Grey Black	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Organic 10%
1018636	PED	7	611624	6980832	7/2/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1018637	PED	7	611674	6980837	7/2/2011	Reddish Brown	Sand	Dry	Flat	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Dull Red Rust
1018638	PED	7	611721	6980853	7/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Sample
1018639	PED	7	611769	6980867	7/2/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1018640	PED	7	611816	6980882	7/2/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1018641	PED	7	611816	6980882	7/2/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1018642	PED	7	611864	6980896	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1018643	PED	7	611909	6980919	7/2/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Outcrop Nearby	Rocky Terrain
1018644	PED	7	611953	6980942	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1018645	PED	7	611997	6980965	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1018646	PED	7	612042	6980988	7/2/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1018647	PED	7	612087	6981011	7/2/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1018648	PED	7	612132	6981034	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Rocky Terrain	Organic 10%
1018649	PED	7	612175	6981057	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1018650	PED	7	612220	6981079	7/2/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Rocky Terrain	Bright Orange Rust
1018651	PED	7	612263	6981102	7/2/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1018652	PED	7	612313	6981113	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Poplar	Sphagnum Moss < 30cm	Good	Rocky	Clay
1018653	PED	7	612363	6981121	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Fine
1018654	PED	7	612412	6981129	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky
1018655	PED	7	612461	6981136	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rusty Rock Chip
1018656	PED	7	612511	6981143	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1018657	PED	7	612560	6981152	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Rocky Terrain	Coarse
1018658	PED	7	612609	6981158	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1018659	PED	7	612609	6981158	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1018660	PED	7	612660	6981167	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	Rocky Terrain
1018661	PED	7	612707	6981182	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	90	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky
1018662	PED	7	612756	6981197	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1018663	PED	7	612803	6981212	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Bright Orange Rust
1018664	PED	7	612853	6981229	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Dull Red Rust	Rocky
1018665	PED	7	612901	6981243	7/2/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Bright Orange Rust	Quartz Chips
1018666	PED	7	612949	6981260	7/2/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Partially Frozen
1018667	PED	7	612993	6981238	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	100	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1018668	PED	7	613040	6981219	7/2/2011	Greyish Green	Sand	Damp	Subtle Slope	80	C	White Spruce	Leaf Cover	Excellent	Coarse	Quartz Chips
1018669	PED	7	613087	6981202	7/2/2011	Dark Brown	Sand	Wet	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Partially Frozen
1018670	PED	7	613147	6981324	7/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust
1018671	PED	7	613511	6978654	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Rocky	Coarse
1018672	PED	7	613523	6978703	7/2/2011	Dark Brown	Gravel	Wet	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Rocky Sample	Coarse
1018673	PED	7	613536	6978751	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Partially Frozen
1018674	PED	7	613548	6978800	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1018675	PED	7	613560	6978849	7/2/2011	Dark Brown	Sand	Wet	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Mud	
1018676	PED	7	613563	6978899	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	B	White Spruce	Needle Cover	Good	Mud	
1018677	PED	7	613564	6978950	7/2/2011	Dark Blue Black	Clay	Damp	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1018678	PED	7	613566	6979001	7/2/2011	Dark Brown	Clay	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1018679	PED	7	613567	6979052	7/2/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Bare Soil	Excellent	Rocky Sample	Coarse
1018680	PED	7	613562	6979101	7/2/2011	Dark Blue Black	Clay	Wet	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Mud	Coarse
1018681	PED	7	613558	6979151	7/2/2011	Dark Grey Black	Clay	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky Sample	
1018682	PED	7	613554	6979201	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky Sample	
1018683	PED	7	613550	6979251	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Thin Moss Cover	Excellent	Rocky Sample	Coarse
1018684	PED	7	613546	6979301	7/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky Sample	
1018685	PED	7	613548	6979353	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	Rocky
1018686	PED	7	613548	6979404	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1018687	PED	7	613549	6979455	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Mud
1018688	PED	7	613544	6979506	7/2/2011	Dark Brown	Clay	Wet	Steep	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1018689	PED	7	613560	6979553	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1018690	PED	7	613573	6979603	7/2/2011	Dark Brown	Clay	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1018691	PED	7	613589	6979652	7/2/2011	Dark Grey Black	Clay	Damp	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1018692	PED	7	613605	6979701	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1018693	PED	7	613620	6979748	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Mud
1018694	PED	7	613640	6979794	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Mud
1018695	PED	7	613664	6979839	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1018696	PED	7	613691	6979882	7/2/2011	Dark Brown	Clay	Damp	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	
1018697	PED	7	613714	6979928	7/2/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1018698	PED	7	613750	6979964	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1018699	PED	7	613789	6979996	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Partially Frozen	Mud
1018700	PED	7	613828	6980031	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky
1018701	PED	7	613867	6980062	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Mud	
1018702	PED	7	613909	6980093	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1018703	PED	7	613909	6980093	7/2/2011	Dark Brown	Clay	Wet	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1018704	PED	7	613942	6980131	7/2/2011	Dark Grey Black	Clay	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Mud	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1018706	PED	7	611148	6981007	7/2/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	
1018707	PED	7	611179	6981047	7/2/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Coarse	
1018708	PED	7	611211	6981085	7/2/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	
1018709	PED	7	611242	6981125	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018710	PED	7	611272	6981165	7/2/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Partially Frozen
1018711	PED	7	611304	6981203	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen
1018712	PED	7	611335	6981242	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1018713	PED	7	611374	6981271	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018714	PED	7	611416	6981298	7/2/2011	Bluish Grey	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1018715	PED	7	611456	6981328	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1018716	PED	7	611501	6981351	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1018717	PED	7	611546	6981374	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1018718	PED	7	611590	6981397	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky Sample	Coarse
1018719	PED	7	611627	6981430	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1018720	PED	7	611665	6981464	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Thin Moss Cover	Excellent	Fine	Rocky Terrain
1018721	PED	7	611695	6981503	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1018722	PED	7	611726	6981545	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky Terrain
1018723	PED	7	611757	6981584	7/2/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1018724	PED	7	611790	6981620	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1018725	PED	7	611825	6981657	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	Rocky Terrain
1018726	PED	7	611869	6981684	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	20	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1018727	PED	7	611914	6981707	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1018728	PED	7	611959	6981730	7/2/2011	Bluish Grey	Clay	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1018729	PED	7	612004	6981751	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1018730	PED	7	612052	6981765	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1018731	PED	7	612099	6981781	7/2/2011	Bluish Grey	Clay	Wet	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1018732	PED	7	612148	6981794	7/2/2011	Bluish Grey	Clay	Wet	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Partially Frozen
1018733	PED	7	612196	6981812	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1018734	PED	7	612245	6981828	7/2/2011	Reddish Yellow	Sand	Wet	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Dull Red Rust	Partially Frozen
1018735	PED	7	612292	6981841	7/2/2011	Reddish Yellow	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1018736	PED	7	612339	6981855	7/2/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1018737	PED	7	612386	6981870	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1018738	PED	7	612434	6981885	7/2/2011	Reddish Yellow	Sand	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Dull Red Rust	Quartz Chips
1020501	PED	7	640489	6969482	6/9/2011	Grey	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020502	PED	7	640539	6969495	6/9/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1020503	PED	7	640589	6969494	6/9/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Birch Forest	Thin Moss Cover	Good	Rocky	
1020504	PED	7	640628	6969526	6/9/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Birch Forest	Thin Moss Cover	Good	Rocky	
1020505	PED	7	640674	6969547	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Alders	Thin Moss Cover	Excellent	Rocky	
1020506	PED	7	640722	6969562	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Thin Moss Cover	Good	Coarse	Rocky
1020507	PED	7	640767	6969584	6/9/2011	Dark Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1020508	PED	7	640814	6969606	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Coarse	Rocky
1020509	PED	7	640859	6969628	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Alders	Thin Moss Cover	Good	Rocky	
1020510	PED	7	640906	6969645	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Thin Moss Cover	Good	Rocky	Coarse
1020511	PED	7	640906	6969645	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Thin Moss Cover	Good	Rocky	Coarse
1020512	PED	7	640955	6969655	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020513	PED	7	641005	6969660	6/9/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Alders	Thin Moss Cover	Good	Rocky	
1020514	PED	7	641051	6969681	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Alders	Thin Moss Cover	Good	Coarse	Rocky
1020515	PED	7	641098	6969699	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	
1020516	PED	7	641145	6969720	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Alders	Reindeer Moss	Good	Coarse	Rocky
1020517	PED	7	641190	6969742	6/9/2011	Greyish Green	Sand	Dry	Subtle Slope	40	C	Alders	Leaf Cover	Good	Coarse	
1020518	PED	7	641238	6969757	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Rocky	
1020519	PED	7	641286	6969775	6/9/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	Alders	Thin Moss Cover	Good	Coarse	Rocky
1020520	PED	7	641306	6969821	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Rocky	Organic 10%
1020521	PED	7	641356	6969829	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020522	PED	7	641406	6969819	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1020523	PED	7	641424	6969867	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Coarse	Rocky
1020524	PED	7	641460	6969903	6/9/2011	Dark Brown	Clay	Damp	Subtle Slope	50	B	Poplar	Leaf Cover	Good	Sand	
1020525	PED	7	641440	6969949	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Poplar	Leaf Cover	Good	Coarse	Rocky
1020526	PED	7	641463	6969994	6/9/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Leaf Cover	Good	Rocky	
1020527	PED	7	641510	6970013	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Reindeer Moss	Good	Coarse	Rocky
1020528	PED	7	641510	6970013	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Reindeer Moss	Good	Coarse	Rocky
1020551	PED	7	643738	6971187	6/12/2011	Chocolate Brown	Sand	Dry	Steep	30	B	No Tree Cover	Grass Cover	Good	Transported Soil	
1020552	PED	7	643699	6971217	6/12/2011	Chocolate Brown	Gravel	Dry	Steep	40	B	No Tree Cover	Grass Cover	Excellent	Sand	
1020553	PED	7	643670	6971270	6/12/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Good	Sand	
1020554	PED	7	643626	6971293	6/12/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Good	Transported Soil	
1020555	PED	7	643586	6971330	6/12/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Good	Sand	
1020556	PED	7	643542	6971359	6/12/2011	Chocolate Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Poor	Transported Soil	
1020557	PED	7	643496	6971382	6/12/2011	Chocolate Brown	Gravel	Dry	Steep	40	B	Poplar	Grass Cover	Excellent	Sand	
1020558	PED	7	643460	6971418	6/12/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1020559	PED	7	643426	6971461	6/12/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Good	Transported Soil	
1020560	PED	7	643393	6971504	6/12/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Poplar	Grass Cover	Excellent	Sand	
1020561	PED	7	643359	6971551	6/12/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Good	Transported Soil	
1020562	PED	7	643328	6971594	6/12/2011	Chocolate Brown	Sand	Damp	Steep	40	C	Poplar	Grass Cover	Excellent	Sand	
1020563	PED	7	643316	6971645	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Pine	Thin Moss Cover	Excellent	Sand	
1020564	PED	7	643288	6971688	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1020565	PED	7	643244	6971719	6/12/2011	Chocolate Brown	Sand	Damp	Steep	40	C	Poplar	Grass Cover	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1020566	PED	7	643213	6971762	6/12/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Good	Sand	
1020567	PED	7	643193	6971808	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1020568	PED	7	643177	6971856	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Grass Cover	Excellent	Sand	
1020569	PED	7	643146	6971897	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1020570	PED	7	643116	6971941	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Excellent	Transported Soil	
1020571	PED	7	643088	6971984	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Sand	
1020572	PED	7	643057	6972029	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Transported Soil	Big Round Boulders
1020573	PED	7	643030	6972073	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	B	Poplar	Grass Cover	Excellent	Sand	
1020574	PED	7	642991	6972108	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1020575	PED	7	642946	6972134	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1020576	PED	7	642912	6972184	6/12/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1020577	PED	7	642876	6972221	6/12/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1020578	PED	7	642838	6972257	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1020579	PED	7	642286	6974076	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Loess	
1020580	PED	7	642232	6974093	6/18/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Rocky	
1020581	PED	7	642186	6974118	6/18/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Poplar	Sphagnum Moss < 30cm	Good	Rocky	
1020582	PED	7	642071	6974145	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Grass Cover	Excellent	Coarse	
1020583	PED	7	635388	6975079	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Subalpine Fir	Rock Cover	Excellent	Organic 10%	
1020584	PED	7	635425	6975115	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Subalpine Fir	Thin Moss Cover	Good	Rocky	
1020585	PED	7	635346	6975050	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Subalpine Fir	Rock Cover	Good	Rocky	
1020586	PED	7	635466	6975146	6/19/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Rocky	Organic 10%
1020587	PED	7	635508	6975176	6/19/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	B	Subalpine Fir	Thin Moss Cover	Good	Rocky	
1020588	PED	7	635549	6975206	6/19/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	30	B	Subalpine Fir	Thin Moss Cover	Good	Rocky	Wet Soil
1020589	PED	7	635593	6975232	6/19/2011	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Partially Frozen	
1020590	PED	7	635633	6975266	6/19/2011	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Subalpine Fir	Thin Moss Cover	Good	Mud	
1020591	PED	7	635677	6975287	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Subalpine Fir	Thin Moss Cover	Good	Rocky	
1020592	PED	7	635729	6975292	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Subalpine Fir	Thin Moss Cover	Good	Organic 10%	
1020593	PED	7	635780	6975297	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Coarse	
1020594	PED	7	635831	6975298	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Subalpine Fir	Thin Moss Cover	Excellent	Coarse	
1020595	PED	7	635879	6975312	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Subalpine Fir	Thin Moss Cover	Excellent	Rocky	
1020596	PED	7	635879	6975312	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Subalpine Fir	Thin Moss Cover	Excellent	Rocky	
1020597	PED	7	635930	6975322	6/19/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1020598	PED	7	635982	6975324	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B	Subalpine Fir	Thin Moss Cover	Good	Rocky	
1020599	PED	7	636027	6975346	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Subalpine Fir	Thin Moss Cover	Excellent	Rocky	
1020600	PED	7	636077	6975343	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	White Spruce	Thin Moss Cover	Good	Sand	
1020601	PED	7	645031	6970666	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Pine	Needle Cover	Excellent	Sand	
1020602	PED	7	645074	6970701	6/11/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Pine	Needle Cover	Excellent	Sand	
1020603	PED	7	645123	6970723	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Needle Cover	Excellent	Sand	
1020604	PED	7	645165	6970755	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Needle Cover	Excellent	Sand	
1020605	PED	7	645207	6970793	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Needle Cover	Excellent	Sand	
1020606	PED	7	645246	6970819	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Leaf Cover	Excellent	Sand	
1020607	PED	7	645292	6970841	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Sand	
1020608	PED	7	645336	6970874	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Needle Cover	Excellent	Sand	
1020609	PED	7	641584	6971620	6/9/2011	Chocolate Brown	Clay	Wet	Steep	30	B	Pine	Sphagnum Moss > 30cm	Poor	Partially Frozen	Big Round Boulders
1020610	PED	7	641595	6971563	6/9/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Pine	Sphagnum Moss > 30cm	Good	Small Sample	
1020611	PED	7	641598	6971510	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Pine	Sphagnum Moss < 30cm	Good	Clay	Transported Soil
1020612	PED	7	641604	6971460	6/9/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Pine	Sphagnum Moss < 30cm	Excellent	Sand	
1020613	PED	7	641613	6971411	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Sphagnum Moss > 30cm	Excellent	Sand	
1020614	PED	7	641622	6971361	6/9/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1020615	PED	7	641618	6971307	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Excellent	Coarse	
1020616	PED	7	641613	6971255	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1020617	PED	7	641621	6971204	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Reindeer Moss	Good	Sand	Clay
1020618	PED	7	641629	6971151	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Pine	Reindeer Moss	Excellent	Clay	
1020619	PED	7	641634	6971100	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Pine	Reindeer Moss	Excellent	Clay	
1020620	PED	7	641620	6970995	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1020621	PED	7	641630	6971049	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Pine	Reindeer Moss	Excellent	Clay	
1020622	PED	7	641620	6970942	6/9/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1020623	PED	7	641621	6970888	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1020624	PED	7	641643	6970840	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Transported Soil	
1020625	PED	7	641672	6970795	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1020626	PED	7	641652	6970750	6/9/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	Poplar	Sphagnum Moss > 30cm	Good	Fine	
1020627	PED	7	641642	6970699	6/9/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1020628	PED	7	641634	6970647	6/9/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Clay	
1020629	PED	7	641622	6970599	6/9/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1020630	PED	7	641618	6970545	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Clay	
1020631	PED	7	641620	6970495	6/9/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Poplar	Sphagnum Moss < 30cm	Good	Clay	
1020632	PED	7	641613	6970444	6/9/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1020633	PED	7	641590	6970387	6/9/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	B	Poplar	Sphagnum Moss > 30cm	Good	Clay	
1020634	PED	7	641575	6970334	6/9/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1020635	PED	7	641563	6970284	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1020636	PED	7	641543	6970234	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Clay	
1020637	PED	7	641534	6970177	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1020638	PED	7	641516	6970129	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Leaf Cover	Excellent	Coarse	Clay
1020639	PED	7	641485	6970090	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Excellent	Coarse	
1020640	PED	7	641459	6970044	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Excellent	Coarse	
1020641	PED	7	640454	6973027	6/23/2011	Greyish Green	Sand	Dry	Pronounced Slope	60	C	White Spruce	Needle Cover	Good	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1020642	PED	7	640501	6973001	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Leaf Cover	Excellent	Fine	
1020643	PED	7	640537	6972965	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Pine	Leaf Cover	Excellent	Coarse	
1020644	PED	7	640569	6972925	6/23/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Pine	Leaf Cover	Excellent	Coarse	
1020645	PED	7	640596	6972882	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1020646	PED	7	640616	6972834	6/23/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	
1020647	PED	7	640644	6972792	6/23/2011	Chocolate Brown	Gravel	Dry	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1020648	PED	7	640680	6972755	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	
1020649	PED	7	640726	6972732	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Leaf Cover	Good	Coarse	
1020650	PED	7	640772	6972712	6/23/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1020651	PED	7	643998	6971569	6/12/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Poplar	Grass Cover	Good	Rocky	
1020652	PED	7	643999	6971517	6/12/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Bare Soil	Excellent	Coarse	
1020653	PED	7	644007	6971468	6/12/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Poor	Rocky	
1020654	PED	7	644015	6971417	6/12/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Poplar	Bare Soil	Good	Coarse	
1020655	PED	7	644025	6971368	6/12/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Pine	Grass Cover	Poor	Rocky	
1020656	PED	7	644032	6971317	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Sand	
1020657	PED	7	644041	6971268	6/12/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	Rocky
1020658	PED	7	644043	6971217	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Fine	Rocky
1020659	PED	7	644043	6971167	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Rocky	
1020660	PED	7	644036	6971117	6/12/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Good	Rocky	Sand
1020661	PED	7	644019	6971068	6/12/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Rocky	Sand
1020662	PED	7	644028	6971018	6/12/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1020663	PED	7	644015	6970968	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	No Tree Cover	Grass Cover	Good	Sand	
1020664	PED	7	643976	6970868	6/12/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	No Tree Cover	Grass Cover	Good	Rocky	
1020665	PED	7	643976	6970868	6/12/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	No Tree Cover	Grass Cover	Good	Rocky	
1020666	PED	7	643969	6970818	6/12/2011	Light Brown	Clay	Dry	Subtle Slope	70	C	Black Spruce	Grass Cover	Good	Rocky	Possible Creek Contamination
1020667	PED	7	636938	6972043	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020668	PED	7	636964	6972087	6/19/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Sand	
1020669	PED	7	637005	6972116	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020670	PED	7	637050	6972140	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020671	PED	7	637096	6972163	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020672	PED	7	637145	6972177	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020673	PED	7	637192	6972199	6/19/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020674	PED	7	637240	6972216	6/19/2011	Reddish Yellow	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020675	PED	7	637284	6972243	6/19/2011	Reddish Yellow	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020676	PED	7	637321	6972278	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1020677	PED	7	637355	6972316	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Rocky	
1020678	PED	7	637390	6972354	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Rocky	
1020679	PED	7	637430	6972386	6/19/2011	Bluish Grey	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Clay	Rocky
1020680	PED	7	637479	6972402	6/19/2011	Grey	Sand	Damp	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Coarse	Rocky
1020681	PED	7	637518	6972432	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Reindeer Moss	Good	Coarse	Rocky
1020682	PED	7	637540	6972477	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Reindeer Moss	Good	Coarse	Rocky
1020683	PED	7	634887	6975055	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	White Spruce	Reindeer Moss	Good	Clay	Rocky
1020684	PED	7	637628	6972528	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Clay	Rocky
1020685	PED	7	637659	6972568	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Reindeer Moss	Good	Rocky	
1020686	PED	7	637707	6972586	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Coarse	Rocky
1020687	PED	7	637749	6972613	6/19/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Coarse	Rocky
1020688	PED	7	637772	6972658	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Reindeer Moss	Good	Rocky	Clay
1020689	PED	7	637820	6972678	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	White Spruce	Reindeer Moss	Good	Sand	
1020690	PED	7	637867	6972699	6/19/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Sand	
1020691	PED	7	637911	6972725	6/19/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Rocky	
1020692	PED	7	637943	6972764	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Coarse	Rocky
1020693	PED	7	637977	6972802	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Sand	Rocky
1020694	PED	7	638014	6972835	6/19/2011	Dark Brown	Clay	Damp	Subtle Slope	50	B	White Spruce	Reindeer Moss	Poor	Rocky	
1020695	PED	7	638064	6972839	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Reindeer Moss	Good	Rocky	
1020696	PED	7	638081	6972886	6/19/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Reindeer Moss	Good	Rocky	Sand
1020697	PED	7	638120	6972918	6/19/2011	Grey	Sand	Damp	Pronounced Slope	40	B	White Spruce	Reindeer Moss	Poor	Rocky	Coarse
1020698	PED	7	638154	6972956	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1020699	PED	7	638241	6973005	6/19/2011	Grey	Sand	Wet	Pronounced Slope	30	B	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Partially Frozen
1020701	PED	7	632817	6970103	6/24/2011	Chocolate Brown	Sand	Damp	Flat	60	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	
1020702	PED	7	632840	6970059	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	
1020703	PED	7	632872	6970021	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Organic 10%	
1020704	PED	7	632919	6970004	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1020705	PED	7	632947	6969963	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1020706	PED	7	632972	6969919	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Leaf Cover	Good	Coarse	Rocky Sample
1020707	PED	7	633001	6969880	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1020708	PED	7	633042	6969850	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Needle Cover	Good	Top Layer	
1020709	PED	7	633011	6969812	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1020710	PED	7	633033	6969765	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1020711	PED	7	633059	6969720	6/24/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Grass Cover	Excellent	Coarse	Outcrop Nearby
1020712	PED	7	633083	6969676	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1020713	PED	7	633119	6969641	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1020714	PED	7	633156	6969605	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Grass Cover	Good	Coarse	Rocky
1020715	PED	7	633202	6969581	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1020716	PED	7	633234	6969543	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1020717	PED	7	633272	6969510	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1020718	PED	7	633312	6969479	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	Outcrop Nearby

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1020783	PED	7	638322	6973471	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Good	Rocky	
1020784	PED	7	638356	6973435	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Sandy	
1020785	PED	7	638374	6973388	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Clay
1020786	PED	7	638382	6973339	6/27/2011	Grey	Gravel	Dry	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1020787	PED	7	638407	6973295	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1020788	PED	7	638433	6973252	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Sandy	Rocky Sample
1020789	PED	7	638460	6973210	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good	Sandy	
1020790	PED	7	638490	6973170	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1020791	PED	7	638522	6973131	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1020792	PED	7	638550	6973089	6/27/2011	Greyish Green	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent		
1020793	PED	7	638586	6973054	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	B	Poplar	Grass Cover	Good	Coarse	
1020794	PED	7	638586	6973054	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	B	Poplar	Grass Cover	Good	Coarse	
1020795	PED	7	638623	6973020	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Organic 10%	
1020796	PED	7	638661	6972987	6/27/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Good	Rocky	Rocky Sample
1020797	PED	7	638704	6972963	6/27/2011	Chocolate Brown	Sand	Dry	Steep	70	B	Poplar	Grass Cover	Good	Rocky	
1020798	PED	7	638747	6972935	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Rocky	
1020799	PED	7	638787	6972905	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Organic 10%
1020800	PED	7	638818	6972866	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1020808	PED	7	644655	6969441	6/28/2011	Light Brown	Silt	Dry	Pronounced Slope	60	B	Poplar	Grass Cover	Poor	Fine	
1020809	PED	7	644612	6969417	6/28/2011	Reddish Yellow	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Good	Sandy	
1020810	PED	7	644574	6969384	6/28/2011	Light Brown	Sand	Dry	Steep	40	C	White Spruce	Grass Cover	Good	Fine	
1020811	PED	7	644574	6969384	6/28/2011	Light Brown	Sand	Dry	Steep	40	C	White Spruce	Grass Cover	Good	Fine	
1020847	PED	7	639550	6972401	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1020848	PED	7	639599	6972382	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1020849	PED	7	639648	6972367	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	
1020850	PED	7	639694	6972352	6/27/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1021501	PED	7	615831	6974397	6/2/2011	Chocolate Brown	Sand	Damp	Steep	40	C	Poplar	Leaf Cover	Good	Clay	Organic 10%
1021502	PED	7	615751	6974334	6/2/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1021503	PED	7	615715	6974230	6/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Organic 10%
1021504	PED	7	615658	6974145	6/2/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	Partially Frozen
1021505	PED	7	615608	6974052	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Fine	Sand
1021506	PED	7	615558	6973955	6/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	30	C	Poplar	Sphagnum Moss < 30cm	Good	Organic 10%	Fine
1021507	PED	7	615488	6973879	6/2/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Sand	Organic 10%
1021508	PED	7	615414	6973811	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Fine	Sand
1021509	PED	7	615319	6973771	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Clay	Fine
1021510	PED	7	615241	6973708	6/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Subalpine Fir	Leaf Cover	Good	Organic 10%	Fine
1021511	PED	7	615141	6973668	6/2/2011	Dark Brown	Clay	Damp	Pronounced Slope	30	B	Poplar	Leaf Cover	Poor	Organic 50%	Top of Cliff
1021512	PED	7	618330	6977041	6/1/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	C	Pine	Burnt Moss	Good	Sand	Organic 10%
1021514	PED	7	618246	6977097	6/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Pine	Bare Soil	Excellent	Coarse	Organic 10%
1021515	PED	7	618115	6977170	6/1/2011	Dark Brown	Clay	Damp	Subtle Slope	40	C	Old Burn	Bare Soil	Good	Sand	Organic 10%
1021516	PED	7	618013	6977172	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Old Burn	Bare Soil	Poor	Clay	Organic 25%
1021517	PED	7	617867	6977172	6/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	C	Old Burn	Bare Soil	Excellent	Rocky	Fine
1021518	PED	7	615947	6974780	6/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Organic 10%
1021519	PED	7	615967	6974825	6/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sand
1021520	PED	7	615945	6974695	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sand
1021521	PED	7	617263	6977454	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Bare Soil	Excellent	Clay	Organic 10%
1021522	PED	7	617359	6977420	6/1/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	30	C	White Spruce	Bare Soil	Good	Frozen	Sand
1021523	PED	7	617684	6977247	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Bare Soil	Excellent	Coarse	Organic 10%
1021524	PED	7	617560	6977340	6/1/2011	Light Grey	Sand	Damp	Flat	40	C	White Spruce	Rock Cover	Excellent	Fine	Clay
1021525	PED	7	617517	6977367	6/1/2011	Dark Brown	Clay	Wet	Subtle Slope	30	B	Old Burn	Bare Soil	Good	Sand	Organic 25%
1021526	PED	7	615831	6974397	6/2/2011	Chocolate Brown	Sand	Damp	Steep	40	C	Poplar	Leaf Cover	Good	Clay	Organic 10%
1021527	PED	7	615860	6974505	6/2/2011	Chocolate Brown	Sand	Damp	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Clay
1021528	PED	7	615904	6974599	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sand
1021529	PED	7	617758	6977177	6/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	White Spruce	Bare Soil	Good	Mud	Fine
1021530	PED	7	617059	6977448	6/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Old Burn	Needle Cover	Excellent	Fine	Rocky
1021531	PED	7	616969	6977413	6/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	Old Burn	Bare Soil	Excellent	Mud	Fine
1021532	PED	7	617161	6977455	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Old Burn	Bare Soil	Excellent	Fine	Organic 10%
1021533	PED	7	616889	6977348	6/1/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Bare Soil	Excellent	Fine	Organic 10%
1021534	PED	7	616764	6977256	6/1/2011	Chocolate Brown	Clay	Wet	Flat	40	B	Old Burn	Burnt Moss	Good	Organic 25%	Mud
1021535	PED	7	616670	6977203	6/1/2011	Dark Blue Black	Sand	Wet	Flat	50	C	Old Burn	Bare Soil	Excellent	Mud	Organic 10%
1021536	PED	7	616596	6977140	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Bare Soil	Excellent	Rocky	Coarse
1021537	PED	7	614881	6977801	7/3/2011	Dark Brown	Gravel	Damp	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Rocky
1021551	PED	7	616292	6975432	6/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Coarse	
1021552	PED	7	616276	6975386	6/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Coarse	
1021553	PED	7	616247	6975345	6/2/2011	Pale Greenish	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1021554	PED	7	616230	6975297	6/2/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Old Burn	Sphagnum Moss < 30cm	Good	Coarse	
1021555	PED	7	616211	6975250	6/2/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1021556	PED	7	616193	6975204	6/2/2011	Light Brown	Sand	Damp	Flat	50	C	White Spruce	Burnt Moss	Good	Coarse	Rocky
1021557	PED	7	616167	6975161	6/2/2011	Chocolate Brown	Sand	Damp	Flat	30	C	Old Burn	Burnt Moss	Good	Coarse	
1021558	PED	7	616148	6975116	6/2/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	40	C	Old Burn	Thin Moss Cover	Good	Fine	
1021559	PED	7	616136	6975068	6/2/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Old Burn	Thin Moss Cover	Good	Coarse	
1021560	PED	7	616096	6975029	6/2/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1021561	PED	7	609725	6979871	6/4/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1021562	PED	7	609734	6979822	6/4/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Clay
1021563	PED	7	609764	6979783	6/4/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1021564	PED	7	609786	6979737	6/4/2011	Chocolate Brown	Sand	Wet	Flat	30	B	Alders	Thin Moss Cover	Poor	Small Sample	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1021565	PED	7	612165	6984589	6/6/2011	Yellow	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Coarse	
1021566	PED	7	612210	6984565	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Burnt Moss	Good	Rocky	
1021567	PED	7	612304	6984529	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Rocky	Coarse
1021568	PED	7	612259	6984550	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Rocky	Coarse
1021569	PED	7	609771	6978549	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1021570	PED	7	609755	6978597	6/4/2011	Light Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Thin Moss Cover	Good	Coarse	
1021571	PED	7	609765	6978646	6/4/2011	Chocolate Brown	Sand	Dry	Flat	30	C	White Spruce	Thin Moss Cover	Good	Small Sample	Frozen
1021572	PED	7	609771	6978747	6/4/2011	Pale Greenish	Sand	Dry	Flat	60	C	White Spruce	Thin Moss Cover	Good	Rocky	
1021573	PED	7	609769	6978696	6/4/2011	Chocolate Brown	Sand	Dry	Flat	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	
1021574	PED	7	609756	6978796	6/4/2011	Light Brown	Sand	Dry	Flat	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1021575	PED	7	609759	6978846	6/4/2011	Pale Greenish	Sand	Dry	Flat	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1021576	PED	7	609760	6978946	6/4/2011	Dark Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1021577	PED	7	609754	6978896	6/4/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1021578	PED	7	609792	6978986	6/4/2011	Pale Greenish	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Rocky	
1021579	PED	7	609815	6979032	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1021580	PED	7	609802	6979080	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1021581	PED	7	609787	6979128	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Leaf Cover	Good	Rocky	
1021582	PED	7	609755	6979169	6/4/2011	Light Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1021583	PED	7	629621	6974743	6/8/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	20	B	Alders	Sphagnum Moss < 30cm	Poor	Frozen	Organic 50%
1021584	PED	7	630894	6973993	6/8/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Black Spruce	Reindeer Moss	Good	Coarse	
1021585	PED	7	617452	6982444	6/5/2011	Reddish Brown	Sand	Damp	Flat	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1021586	PED	7	612342	6984496	6/6/2011	Chocolate Brown	Sand	Dry	Flat	20	C	Old Burn	Burnt Moss	Good	Rocky	Coarse
1021587	PED	7	612376	6984458	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	Coarse
1021588	PED	7	612405	6984417	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Old Burn	Burnt Moss	Poor	Rocky	
1021589	PED	7	612424	6984371	6/6/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	Old Burn	Burnt Moss	Poor	Sand	Rocky
1021590	PED	7	612450	6984328	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Poor	Rocky	
1021591	PED	7	612495	6984307	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	
1021592	PED	7	612534	6984273	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1021594	PED	7	612534	6984273	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1021595	PED	7	612577	6984246	6/6/2011	Dark Brown	Sand	Dry	Subtle Slope	80	C	Old Burn	Needle Cover	Excellent	Coarse	
1021596	PED	7	612615	6984214	6/6/2011	Pale Greenish	Sand	Damp	Flat	70	C	Old Burn	Needle Cover	Excellent	Partially Frozen	
1021597	PED	7	612658	6984189	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Sand	
1021598	PED	7	612698	6984158	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Old Burn	Burnt Moss	Poor	Sand	
1021599	PED	7	624202	6973577	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Fine	
1021600	PED	7	624250	6973560	6/5/2011	Light Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Quartz Chips
1021610	PED	7	630882	6973341	6/8/2011	Chocolate Brown	Silt	Dry	Flat	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1021611	PED	7	629582	6974598	6/8/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Alders	Sphagnum Moss < 30cm	Good	Coarse	Sand
1021613	PED	7	629569	6974549	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Alders	Sphagnum Moss < 30cm	Good	Wet Soil	Mud
1021614	PED	7	630881	6973442	6/8/2011	Chocolate Brown	Silt	Dry	Flat	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1021615	PED	7	615266	6983040	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Sand
1021616	PED	7	615305	6983136	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	Rocky
1021617	PED	7	615230	6982830	6/5/2011	Dark Brown	Sand	Dry	Subtle Slope	30	B	Poplar	Leaf Cover	Poor	Small Sample	Rocky
1021618	PED	7	615776	6984036	6/5/2011	Chocolate Brown	Sand	Damp	Flat	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Gravel Bar	Coarse
1021651	PED	7	614502	6977866	6/3/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Leaf Cover	Excellent	Coarse	
1021652	PED	7	614562	6977880	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Sand	
1021653	PED	7	614659	6977900	6/3/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sand	
1021654	PED	7	614753	6977929	6/3/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Small Sample	
1021655	PED	7	614816	6978003	6/3/2011	Dark Brown	Clay	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Sand	
1021656	PED	7	614903	6978054	6/3/2011	Dark Brown	Clay	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sand	
1021657	PED	7	614993	6978102	6/3/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1021658	PED	7	615085	6978146	6/3/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Quartz Chips	
1021659	PED	7	615171	6978203	6/3/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1021660	PED	7	615270	6978239	6/3/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1021661	PED	7	615361	6978283	6/3/2011	Dark Brown	Clay	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1021662	PED	7	615457	6978311	6/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1021663	PED	7	615549	6978359	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Sand	
1021664	PED	7	615641	6978394	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Sand	
1021665	PED	7	615724	6978444	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Sand
1021666	PED	7	615724	6978444	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Sand
1021667	PED	7	615816	6978485	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Frost Boil	Excellent	Sand	
1021668	PED	7	615920	6978506	6/3/2011	Dark Brown	Clay	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Transported Soil	
1021669	PED	7	614840	6973934	6/2/2011	Chocolate Brown	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Excellent	Sand	
1021670	PED	7	614785	6974022	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1021671	PED	7	614743	6974104	6/2/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Leaf Cover	Excellent	Sand	
1021672	PED	7	614684	6974170	6/2/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1021673	PED	7	614633	6974258	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Sand	
1021674	PED	7	614598	6974367	6/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Sand	
1021675	PED	7	614613	6974467	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1021676	PED	7	614592	6974567	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1021677	PED	7	614596	6974665	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1021678	PED	7	614629	6974768	6/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	20	B	Poplar	Leaf Cover	Good	Sand	
1021679	PED	7	614613	6974864	6/2/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Sand	
1021680	PED	7	614614	6974967	6/2/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sand	
1021681	PED	7	614647	6975110	6/2/2011	Dark Brown	Sand	Dry	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Good	Sand	
1021682	PED	7	614620	6975015	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Poplar	Thin Moss Cover	Good	Sand	
1021683	PED	7	614922	6975093	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1021684	PED	7	614763	6975121	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Sand	
1021685	PED	7	614735	6975160	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Poplar	Leaf Cover	Excellent	Sand	
1021686	PED	7	614693	6975272	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Leaf Cover	Excellent	Sand	
1021687	PED	7	614713	6975377	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1021688	PED	7	610073	6977694	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss > 30cm	Good	Frozen	
1021689	PED	7	610077	6977744	6/4/2011	Reddish Brown	Silt	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1021690	PED	7	610104	6977786	6/4/2011	Grey	Silt	Damp	Subtle Slope	60	C	Alders	Thin Moss Cover	Excellent	Sand	
1021691	PED	7	610119	6977834	6/4/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Alders	Thin Moss Cover	Good	Rocky	
1021692	PED	7	610104	6977882	6/4/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Alders	Thin Moss Cover	Excellent	Sand	
1021693	PED	7	610123	6977928	6/4/2011	Reddish Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1021694	PED	7	610106	6977976	6/4/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	70	C	Alders	Thin Moss Cover	Excellent	Fine	
1021695	PED	7	610106	6977976	6/4/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	70	C	Alders	Thin Moss Cover	Excellent	Fine	
1021696	PED	7	610093	6978024	6/4/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Frozen
1021697	PED	7	610071	6978069	6/4/2011	Dark Brown	Clay	Damp	Flat	40	B	Black Spruce	Thin Moss Cover	Good	Rocky	Small Sample
1021698	PED	7	610062	6978121	6/4/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Partially Frozen
1021699	PED	7	610035	6978160	6/4/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Quartz Chips
1021700	PED	7	610034	6978209	6/4/2011	Dark Brown	Clay	Damp	Flat	20	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Quartz Chips
1021702	PED	7	610091	6976699	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Leaf Cover	Good	Rocky	
1021704	PED	7	610170	6976638	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Sand	
1021705	PED	7	610167	6976588	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Organic 10%	
1021706	PED	7	610160	6976538	6/4/2011	Reddish Yellow	Clay	Wet	Subtle Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky	Organic 10%
1021707	PED	7	610164	6976486	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1021708	PED	7	614854	6973883	6/2/2011	Bluish Grey	Sand	Dry	Steep	50	C	No Tree Cover	Thin Moss Cover	Excellent	Fine	
1021709	PED	7	614829	6973991	6/2/2011	Chocolate Brown	Sand	Damp	Steep	70	C	Poplar	Grass Cover	Good	Sand	
1021710	PED	7	614737	6974052	6/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Fine	Organic 10%
1021711	PED	7	614720	6974135	6/2/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1021712	PED	7	614654	6974212	6/2/2011	Chocolate Brown	Sand	Damp	Steep	40	C	Poplar	Grass Cover	Good	Coarse	Organic 10%
1021713	PED	7	614612	6974311	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Organic 10%	
1021714	PED	7	614600	6974416	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Coarse	
1021715	PED	7	614613	6974517	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Good	Fine	
1021716	PED	7	614594	6974617	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Rocky	
1021717	PED	7	614623	6974719	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Grass Cover	Excellent	Fine	
1021718	PED	7	614620	6974814	6/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	Organic 10%
1021719	PED	7	614614	6974916	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	
1021720	PED	7	614656	6975165	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	White Spruce	Thin Moss Cover	Poor	Organic 25%	Rocky
1021721	PED	7	614630	6975064	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	
1021722	PED	7	614951	6975053	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Organic 10%	
1021723	PED	7	614874	6975126	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1021724	PED	7	614776	6975156	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Sand	
1021725	PED	7	614697	6975216	6/2/2011	Bluish Grey	Silt	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Good	Coarse	
1021726	PED	7	614706	6975333	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Fine	
1021727	PED	7	614755	6975418	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Good	Fine	
1021728	PED	7	618136	6983603	6/5/2011	Reddish Brown	Sand	Wet	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Rocky	Organic 10%
1021729	PED	7	618097	6983646	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	
1021730	PED	7	618013	6983695	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Rocky	
1021731	PED	7	617944	6983771	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	
1021732	PED	7	617767	6983843	6/5/2011	Reddish Orange	Sand	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Clay	
1021733	PED	7	617862	6983817	6/5/2011	Reddish Orange	Sand	Wet	Subtle Slope	30	B	Old Burn	Burnt Moss	Poor	Small Sample	Organic 10%
1021734	PED	7	610255	6975948	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Organic 10%	
1021751	PED	7	620107	6974880	6/2/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	B	Birch Forest	Leaf Cover	Poor	Organic 25%	
1021752	PED	7	620102	6974829	6/2/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Poplar	Leaf Cover	Good	Fine	
1021753	PED	7	620102	6974829	6/2/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Poplar	Leaf Cover	Good	Fine	
1021754	PED	7	620120	6974783	6/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1021755	PED	7	620145	6974646	6/2/2011	Chocolate Brown	Silt	Damp	Flat	40	B	Birch Forest	Leaf Cover	Poor	Small Sample	Rocky
1021756	PED	7	620217	6974575	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Sand	
1021757	PED	7	620325	6974474	6/2/2011	Greyish Green	Clay	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	
1021758	PED	7	620405	6974417	6/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine	
1021759	PED	7	620482	6974348	6/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1021760	PED	7	620545	6974269	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	
1021761	PED	7	620584	6974179	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1021762	PED	7	620629	6974085	6/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1021763	PED	7	620650	6973992	6/2/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1021764	PED	7	620717	6973906	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1021765	PED	7	620743	6973812	6/2/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1021766	PED	7	620796	6973731	6/2/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Poor	Loess	Top layer
1021767	PED	7	620866	6973672	6/2/2011	Light Brown	Silt	Dry	Subtle Slope	20	B	Poplar	Leaf Cover	Poor	Loess	Rocky
1021768	PED	7	620929	6973586	6/2/2011	Reddish Brown	Silt	Dry	Subtle Slope	30	B	Poplar	Leaf Cover	Poor	Fine	Organic 25%
1021769	PED	7	621026	6973468	6/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1021770	PED	7	619718	6978815	6/3/2011	Light Brown	Gravel	Damp	Subtle Slope	90	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1021771	PED	7	619811	6978790	6/3/2011	Reddish Yellow	Gravel	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Quartz Chips	
1021772	PED	7	619899	6978762	6/3/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Coarse
1021773	PED	7	619995	6978734	6/3/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Coarse
1021774	PED	7	620083	6978694	6/3/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1021775	PED	7	620407	6978621	6/3/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Rocky
1021776	PED	7	620506	6978604	6/3/2011	Reddish Brown	Gravel	Damp	Subtle Slope	60	C	Alders	Thin Moss Cover	Excellent	Quartz Chips	
1021777	PED	7	620600	6978592	6/3/2011	Dark Brown	Gravel	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1021778	PED	7	620704	6978576	6/3/2011	Reddish Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Coarse
1021779	PED	7	620804	6978577	6/3/2011	Grey	Gravel	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Coarse
1021780	PED	7	620903	6978577	6/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1021781	PED	7	621014	6978588	6/3/2011	Grey	Gravel	Damp	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	
1021782	PED	7	621096	6978524	6/3/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1021783	PED	7	621172	6978492	6/3/2011	Reddish Brown	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1021787	PED	7	630962	6973055	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1021788	PED	7	630966	6972955	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1021789	PED	7	621266	6978448	6/3/2011	Grey	Gravel	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1021801	PED	7	619978	6977595	6/2/2011	Grey	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Fine	Clay
1021802	PED	7	620063	6977553	6/2/2011	Grey	Sand	Wet	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	Mud
1021803	PED	7	620158	6977501	6/2/2011	Grey	Sand	Wet	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Wet Soil
1021804	PED	7	620246	6977454	6/2/2011	Light Brown	Gravel	Dry	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Sand	Rocky
1021805	PED	7	620246	6977454	6/2/2011	Light Brown	Gravel	Dry	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Sand	Rocky
1021806	PED	7	620336	6977402	6/2/2011	Light Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Sand	Fine
1021807	PED	7	620604	6977229	6/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sand
1021808	PED	7	620779	6977172	6/2/2011	Grey	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Sand
1021809	PED	7	620687	6977214	6/2/2011	Reddish Yellow	Sand	Dry	Steep	70	C	Poplar	Leaf Cover	Good	Coarse	Clay
1021810	PED	7	620866	6977123	6/2/2011	Grey	Silt	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Sand	Clay
1021811	PED	7	620945	6977056	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Sand	Clay
1021812	PED	7	621013	6977000	6/2/2011	Chocolate Brown	Silt	Damp	Steep	80	B	Poplar	Leaf Cover	Good	Sand	Sand
1021813	PED	7	621120	6976900	6/2/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1021814	PED	7	621192	6976827	6/2/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Sand	Coarse
1021815	PED	7	621268	6976761	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	20	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1021816	PED	7	621035	6979019	6/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Poplar	Leaf Cover	Good	Sand	Fine
1021817	PED	7	621099	6978942	6/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Coarse
1021818	PED	7	621134	6978846	6/3/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1021819	PED	7	621167	6978752	6/3/2011	Chocolate Brown	Gravel	Damp	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1021820	PED	7	621230	6978674	6/3/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Coarse
1021821	PED	7	621286	6978591	6/3/2011	Chocolate Brown	Sand	Dry	Steep	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Big Round Boulders	Rocky
1021822	PED	7	621331	6978501	6/3/2011	Chocolate Brown	Gravel	Damp	Steep	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1021823	PED	7	621382	6978416	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Sand	Coarse
1021824	PED	7	624518	6978848	6/10/2011	Grey	Gravel	Wet	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Wet Soil
1021825	PED	7	630872	6978304	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	No Tree Cover	Rock Cover	Poor	Small Sample	Top layer
1021826	PED	7	629545	6974452	6/8/2011	Bluish Grey	Sand	Wet	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Coarse
1021827	PED	7	630949	6977813	6/7/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	30	B	No Tree Cover	Reindeer Moss	Poor	Rocky	Organic 25%
1021828	PED	7	630960	6977764	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	No Tree Cover	Reindeer Moss	Poor	Talus	Small Sample
1021829	PED	7	630936	6977861	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	10	B	No Tree Cover	Reindeer Moss	Poor	Talus	Rocky
1021830	PED	7	630911	6977958	6/7/2011	Dark Brown	Gravel	Wet	Pronounced Slope	30	B	No Tree Cover	Reindeer Moss	Poor	Rocky	Small Sample
1021831	PED	7	630898	6978006	6/7/2011	Dark Brown	Gravel	Wet	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Poor	Sand	Small Sample
1021832	PED	7	630887	6978055	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Small Sample	Organic 25%
1021833	PED	7	624387	6979113	6/10/2011	Chocolate Brown	Sand	Wet	Subtle Slope	20	B	White Spruce	Reindeer Moss	Poor	Organic 25%	Small Sample
1021834	PED	7	620519	6977280	6/2/2011	Chocolate Brown	Clay	Damp	Steep	100	B	Poplar	Leaf Cover	Good	Fine	Clay
1021835	PED	7	620427	6977342	6/2/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Sand	Fine
1021836	PED	7	621219	6978466	6/3/2011	Light Brown	Gravel	Dry	Pronounced Slope	110	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sand	Coarse
1021837	PED	7	631878	6975362	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Small Sample
1021838	PED	7	631891	6975411	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Small Sample	Frozen
1021839	PED	7	629558	6974500	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	White Spruce	Rock Cover	Poor	Wet Soil	Small Sample
1021840	PED	7	630859	6973794	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	70	C	White Spruce	Reindeer Moss	Excellent	Big Round Boulders	Coarse
1021841	PED	7	614276	6983599	6/6/2011	Bluish Grey	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	Fine
1021842	PED	7	630936	6974085	6/8/2011	Chocolate Brown	Gravel	Dry	Flat	30	C	No Tree Cover	Reindeer Moss	Good	Rocky	Small Sample
1021843	PED	7	614289	6983696	6/6/2011	Reddish Brown	Sand	Dry	Steep	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1021844	PED	7	629650	6974838	6/8/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Alders	Sphagnum Moss < 30cm	Poor	Sand	Wet Soil
1021845	PED	7	629667	6974909	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	Alders	Sphagnum Moss < 30cm	Poor	Organic 50%	Wet Soil
1021846	PED	7	614368	6984079	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1021847	PED	7	614360	6983988	6/6/2011	Dark Grey Black	Gravel	Dry	Flat	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Gravel Bar	Sand
1021848	PED	7	614345	6983893	6/6/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	80	C	White Spruce	Leaf Cover	Excellent	Fine	
1021849	PED	7	614326	6983794	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1021850	PED	7	614277	6984379	6/6/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1021851	PED	7	615469	6973826	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1021852	PED	7	615379	6973782	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1021853	PED	7	615055	6973638	6/2/2011	Chocolate Brown	Sand	Dry	Steep	80	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1021854	PED	7	616273	6983327	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1021858	PED	7	616297	6983423	6/5/2011	Reddish Orange	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1021859	PED	7	616318	6983469	6/5/2011	Light Brown	Clay	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Rocky	
1021860	PED	7	616338	6983515	6/5/2011	Light Brown	Clay	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Mud
1021861	PED	7	616328	6983564	6/5/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	
1021862	PED	7	616298	6983605	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Rocky	
1021863	PED	7	616306	6983654	6/5/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Rocky	Quartz Chips
1021864	PED	7	616324	6983701	6/5/2011	Light Brown	Clay	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	Sand
1021865	PED	7	616346	6983746	6/5/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Rocky	
1021866	PED	7	616353	6983796	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	Quartz Chips
1021867	PED	7	616379	6983843	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1021868	PED	7	616408	6983884	6/5/2011	Light Brown	Sand	Damp	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Sand	Rocky
1021869	PED	7	616446	6983918	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	Quartz Chips
1021870	PED	7	616492	6983937	6/5/2011	Light Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1021872	PED	7	616535	6983963	6/5/2011	Light Brown	Sand	Wet	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Rocky	Wet Soil
1021873	PED	7	616567	6984002	6/5/2011	Light Brown	Gravel	Wet	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Wet Soil	Rocky
1021874	PED	7	616570	6984053	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Rocky
1021875	PED	7	616615	6984076	6/5/2011	Dark Brown	Gravel	Wet	Subtle Slope	30	C	Willows	Leaf Cover	Poor	Mud	Rocky
1021876	PED	7	616663	6984090	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Sand
1021877	PED	7	616274	6983378	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1021878	PED	7	616853	6984156	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Birch Forest	Leaf Cover	Excellent	Rocky	Coarse
1021881	PED	7	613569	6984517	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	50	C	Poplar	Grass Cover	Good	Quartz Chips	
1021882	PED	7	613413	6984765	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	Quartz Chips
1021883	PED	7	613450	6984673	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	40	C	Poplar	Thin Moss Cover	Good	Sand	Fine
1021884	PED	7	613425	6984717	6/6/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Thin Moss Cover	Good	Rocky	Quartz Chips
1021885	PED	7	613557	6984567	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	60	C	Poplar	Grass Cover	Excellent	Sand	Quartz Chips
1021887	PED	7	613532	6984609	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	50	C	Poplar	Grass Cover	Good	Quartz Chips	Rocky
1021888	PED	7	613486	6984639	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	40	C	Poplar	Grass Cover	Excellent	Sand	Coarse
1021889	PED	7	613399	6984814	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Old Burn	Burnt Moss	Good	Rocky	
1021890	PED	7	613393	6984864	6/6/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Old Burn	Burnt Moss	Good	Clay	
1021891	PED	7	613357	6984900	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Sand	Clay
1021892	PED	7	613314	6984925	6/6/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Old Burn	Burnt Moss	Good	Clay	Quartz Chips
1021893	PED	7	613298	6984973	6/6/2011	Chocolate Brown	Clay	Damp	Flat	30	C	Old Burn	Burnt Moss	Poor	Rocky	Quartz Chips
1021894	PED	7	613314	6985021	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Poor	Rocky	Clay
1021895	PED	7	613324	6985071	6/6/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Rocky	Sand
1021896	PED	7	613327	6985120	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Sand	Coarse
1021897	PED	7	613378	6985207	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Clay	Rocky
1021898	PED	7	613396	6985253	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Poor	Organic 10%	
1021899	PED	7	613410	6985303	6/6/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	C	Old Burn	Burnt Moss	Poor	Mud	Rocky
1021900	PED	7	613428	6985351	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1021901	PED	7	620450	6977661	6/3/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky
1021902	PED	7	620478	6977620	6/3/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	White Spruce	Thin Moss Cover	Good	Rocky	Rocky
1021903	PED	7	620507	6977578	6/3/2011	Light Brown	Gravel	Damp	Pronounced Slope	70	C	Poplar	Thin Moss Cover	Excellent	Rocky	Coarse
1021904	PED	7	620538	6977538	6/3/2011	Light Brown	Gravel	Dry	Pronounced Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky
1021905	PED	7	619405	6976167	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Old Burn	Burnt Moss	Good	Fine	
1021906	PED	7	619449	6976191	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Old Burn	Burnt Moss	Good	Fine	
1021907	PED	7	619489	6976220	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	90	C	Old Burn	Burnt Moss	Good	Fine	
1021908	PED	7	619527	6976253	6/4/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Old Burn	Burnt Moss	Good	Frozen	Rocky
1021909	PED	7	619566	6976284	6/4/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	50	B	Black Spruce	Burnt Moss	Good	Partially Frozen	Rocky
1021910	PED	7	619606	6976314	6/4/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Rocky
1021911	PED	7	619646	6976344	6/4/2011	Dark Brown	Sand	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Quartz Chips
1021912	PED	7	619683	6976376	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Frozen	Rocky
1021913	PED	7	619724	6976406	6/4/2011	Dark Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Frozen
1021914	PED	7	619764	6976438	6/4/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Frozen	Coarse
1021915	PED	7	619804	6976467	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Fine
1021916	PED	7	619847	6976495	6/4/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Partially Frozen	Rocky
1021917	PED	7	619886	6976529	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Frozen	Coarse
1021918	PED	7	619913	6976570	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Quartz Chips
1021919	PED	7	619939	6976612	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Fine
1021920	PED	7	619966	6976655	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Good	Frozen	Fine
1021921	PED	7	620000	6976694	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky
1021922	PED	7	620039	6976725	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Frozen	Fine
1021923	PED	7	620079	6976755	6/4/2011	Chocolate Brown	Sand	Wet	Subtle Slope	20	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	
1021924	PED	7	620126	6976774	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Frozen	
1021925	PED	7	620209	6976829	6/4/2011	Dark Brown	Clay	Wet	Subtle Slope	20	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Rocky
1021926	PED	7	620247	6976858	6/4/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss > 30cm	Poor	Fine	Rocky
1021927	PED	7	620287	6976888	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Frozen	Coarse
1021928	PED	7	620327	6976918	6/4/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	20	B	White Spruce	Sphagnum Moss < 30cm	Poor	Frozen	
1021929	PED	7	620358	6976957	6/4/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	20	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Frozen	Quartz Chips
1021930	PED	7	620401	6976980	6/4/2011	Dark Brown	Silt	Wet	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss > 30cm	Poor	Frozen	
1021931	PED	7	623925	6977160	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Fine
1021932	PED	7	623916	6977110	6/6/2011	Reddish Orange	Gravel	Damp	Flat	40	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1021933	PED	7	623904	6977062	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1021934	PED	7	623890	6977013	6/6/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1021935	PED	7	623858	6976970	6/6/2011	Reddish Orange	Gravel	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1021936	PED	7	623819	6976939	6/6/2011	Reddish Brown	Gravel	Dry	Subtle Slope	80	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1021937	PED	7	623819	6976939	6/6/2011	Reddish Brown	Gravel	Dry	Subtle Slope	80	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1021938	PED	7	623781	6976907	6/6/2011	Reddish Brown	Gravel	Damp	Subtle Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1021939	PED	7	623753	6976866	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	110	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	
1021940	PED	7	623710	6976840	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1021941	PED	7	623676	6976803	6/6/2011	Light Brown	Sand	Damp	Flat	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1021942	PED	7	623631	6976779	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Thin Moss Cover	Excellent	Quartz Chips	Coarse
1021943	PED	7	623594	6976744	6/6/2011	Reddish Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1021944	PED	7	623561	6976705	6/6/2011	Dark Brown	Sand	Dry	Subtle Slope	110	C	White Spruce	Thin Moss Cover	Excellent	Sand	
1021945	PED	7	623561	6976705	6/6/2011	Dark Brown	Sand	Dry	Subtle Slope	110	C	White Spruce	Thin Moss Cover	Excellent	Sand	
1021946	PED	7	623516	6976681	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1021947	PED	7	623467	6976684	6/6/2011	Reddish Orange	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1021947	PED	7	623467	6976684	6/6/2011	Reddish Orange	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1021948	PED	7	623417	6976678	6/6/2011	Dark Brown	Gravel	Damp	Pronounced Slope	30	C	Subalpine Fir	Leaf Cover	Excellent	Coarse	Rocky
1021949	PED	7	623373	6976652	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	110	C	Poplar	Leaf Cover	Excellent	Fine	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1021950	PED	7	623328	6976632	6/6/2011	Dark Brown	Gravel	Dry	Steep	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1021951	PED	7	615097	6982565	6/5/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Rocky
1021952	PED	7	615017	6982493	6/5/2011	Dark Brown	Sand	Wet	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1021953	PED	7	614609	6977901	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Clay
1021954	PED	7	615912	6984161	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Coarse
1021955	PED	7	615995	6984232	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Coarse
1021956	PED	7	615980	6984344	6/5/2011	Light Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Coarse
1021957	PED	7	614710	6977910	6/3/2011	Bluish Grey	Gravel	Damp	Steep	80	C	Poplar	Leaf Cover	Excellent	Sand	Sand
1021958	PED	7	614796	6977957	6/3/2011	Bluish Grey	Clay	Wet	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Partially Frozen	Sand
1021959	PED	7	614862	6978030	6/3/2011	Dark Brown	Sand	Damp	Steep	50	C	Poplar	Leaf Cover	Good	Fine	Rocky
1021960	PED	7	615980	6984344	6/5/2011	Light Brown	Sand	Damp	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Coarse
1021961	PED	7	615725	6983946	6/5/2011	Chocolate Brown	Gravel	Wet	Flat	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Gravel Bar	Mud
1021962	PED	7	615190	6982741	6/5/2011	Reddish Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Sand	Mud
1021963	PED	7	615165	6982640	6/5/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Thin Moss Cover	Excellent	Fine	
1021964	PED	7	609989	6978304	6/4/2011	Dark Brown	Gravel	Damp	Flat	30	B	Black Spruce	Thin Moss Cover	Good	Small Sample	Partially Frozen
1021965	PED	7	609953	6978341	6/4/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen	
1021966	PED	7	609923	6978380	6/4/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Black Spruce	Thin Moss Cover	Poor	Frozen	
1021967	PED	7	609905	6978429	6/4/2011	Dark Olivine Green	Sand	Damp	Flat	50	C	Black Spruce	Thin Moss Cover	Excellent	Wet Soil	
1021968	PED	7	609893	6978478	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Partially Frozen	
1021969	PED	7	614990	6978100	6/3/2011	Bluish Grey	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	Sand
1021970	PED	7	615040	6978130	6/3/2011	Reddish Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Sand
1021971	PED	7	615128	6978168	6/3/2011	Bluish Grey	Clay	Damp	Pronounced Slope	90	C	Poplar	Thin Moss Cover	Good	Sand	Organic 10%
1021972	PED	7	615215	6978216	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Sand
1021973	PED	7	615312	6978254	6/3/2011	Bluish Grey	Silt	Wet	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Fine	Clay
1021975	PED	7	615781	6978475	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Fine	Sand
1021976	PED	7	615781	6978475	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Fine	Sand
1021977	PED	7	615702	6978417	6/3/2011	Dark Blue Black	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Fine	Sand
1021978	PED	7	615592	6978360	6/3/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Subalpine Fir	Leaf Cover	Good	Clay	Fine
1021979	PED	7	615508	6978340	6/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Rocky	Clay
1021980	PED	7	615873	6978496	6/3/2011	Dark Brown	Sand	Wet	Pronounced Slope	70	C	Poplar	Grass Cover	Good	Coarse	Organic 10%
1021981	PED	7	615976	6978515	6/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	Organic 10%
1021982	PED	7	614958	6982423	6/5/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1021983	PED	7	614906	6982338	6/5/2011	Light Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Sand	
1021984	PED	7	614832	6982260	6/5/2011	Light Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Sand	Rocky
1021985	PED	7	614785	6982184	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Sand	Rocky
1021986	PED	7	614705	6982128	6/5/2011	Bluish Grey	Sand	Damp	Subtle Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1022421	PED	7	638882	6969926	6/27/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Willows	Thin Moss Cover	Good	Coarse	
1022422	PED	7	638831	6969932	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Willows	Thin Moss Cover	Excellent	Coarse	
1022423	PED	7	638785	6969951	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Willows	Thin Moss Cover	Excellent	Coarse	
1022424	PED	7	638737	6969966	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Willows	Thin Moss Cover	Excellent	Coarse	
1022425	PED	7	638694	6969993	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Willows	Thin Moss Cover	Excellent	Coarse	
1022426	PED	7	638646	6970005	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1022427	PED	7	638598	6970020	6/27/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	70	C	Willows	Thin Moss Cover	Excellent	Coarse	
1022428	PED	7	638550	6970036	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Willows	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1022429	PED	7	638509	6970065	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Willows	Thin Moss Cover	Good	Coarse	
1022430	PED	7	638467	6970093	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Willows	Thin Moss Cover	Excellent	Coarse	
1022431	PED	7	638454	6970142	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Willows	Thin Moss Cover	Excellent	Coarse	Rocky
1022432	PED	7	638450	6970192	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Willows	Thin Moss Cover	Good	Coarse	Rocky
1022433	PED	7	638439	6970241	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Willows	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1022434	PED	7	638453	6970291	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Willows	Thin Moss Cover	Excellent	Coarse	
1022435	PED	7	638455	6970341	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Coarse	
1022436	PED	7	638465	6970390	6/27/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Willows	Thin Moss Cover	Good	Coarse	Rocky
1022437	PED	7	638491	6970432	6/27/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	70	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Rocky	Quartz Chips
1022438	PED	7	638548	6970512	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	Willows	Rock Cover	Good	Rocky	Rocky Sample
1022439	PED	7	638587	6970544	6/27/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	20	B	Willows	Rock Cover	Poor	Rocky Terrain	
1022440	PED	7	638622	6970579	6/27/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1022441	PED	7	638636	6970628	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Willows	Sphagnum Moss < 30cm	Good	Coarse	
1022442	PED	7	638660	6970671	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Willows	Leaf Cover	Good	Coarse	Rocky Sample
1022443	PED	7	638693	6970710	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1022444	PED	7	638697	6970761	6/27/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1022445	PED	7	638692	6970816	6/27/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1022446	PED	7	638692	6970816	6/27/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1022447	PED	7	638663	6970858	6/27/2011	Chocolate Brown	Sand	Damp	Steep	60	C	Dwarf Birch	Sphagnum Moss > 30cm	Good	Coarse	
1022448	PED	7	638668	6970908	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Good	Rocky Terrain	
1022449	PED	7	638660	6970958	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Willows	Burnt Moss	Excellent	Coarse	
1022450	PED	7	638662	6971009	6/27/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Willows	Burnt Moss	Good	Rocky	
1022501	PED	7	619547	6976116	6/1/2011	Chocolate Brown	Clay	Wet	Flat	40	B	Old Burn	Burnt Moss	Poor	Wet Soil	Mud
1022502	PED	7	619886	6976051	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Coarse	Sand
1022503	PED	7	619886	6976051	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Coarse	Sand
1022504	PED	7	619935	6976041	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Quartz Chips	Coarse
1022505	PED	7	619983	6976028	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Coarse	Sand
1022506	PED	7	620032	6976016	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1022507	PED	7	620082	6976007	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Coarse	Sand
1022508	PED	7	620130	6975994	6/1/2011	Dark Brown	Sand	Dry	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Fine	Sand
1022509	PED	7	620177	6975977	6/1/2011	Bluish Grey	Gravel	Dry	Subtle Slope	70	C	Old Burn	Burnt Moss	Good	Coarse	Sand
1022510	PED	7	620225	6975961	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	B	Poplar	Leaf Cover	Good	Coarse	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1022511	PED	7	620272	6975945	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Clay
1022512	PED	7	620320	6975930	6/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Small Sample
1022513	PED	7	620366	6975909	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1022514	PED	7	620414	6975893	6/1/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Poplar	Sphagnum Moss < 30cm	Good	Rocky	Small Sample
1022515	PED	7	620460	6975874	6/1/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Poplar	Sphagnum Moss < 30cm	Poor	Partially Frozen	Rocky
1022517	PED	7	620506	6975854	6/2/2011	Chocolate Brown	Gravel	Dry	Flat	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Partially Frozen
1022518	PED	7	620550	6975830	6/2/2011	Bluish Grey	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Sand
1022520	PED	7	620594	6975807	6/2/2011	Bluish Grey	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1022521	PED	7	620640	6975786	6/2/2011	Reddish Yellow	Gravel	Dry	Flat	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Coarse
1022522	PED	7	620683	6975761	6/2/2011	Chocolate Brown	Sand	Dry	Flat	50	B	Poplar	Leaf Cover	Good	Coarse	Rocky
1022523	PED	7	620726	6975735	6/2/2011	Chocolate Brown	Gravel	Dry	Flat	40	B	Poplar	Leaf Cover	Good	Rocky	Coarse
1022524	PED	7	620768	6975709	6/2/2011	Bluish Grey	Gravel	Dry	Flat	50	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1022525	PED	7	620812	6975683	6/2/2011	Grey	Clay	Damp	Flat	40	B	Poplar	Leaf Cover	Good	Rocky	Small Sample
1022526	PED	7	620855	6975658	6/2/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Clay
1022527	PED	7	620890	6975622	6/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Partially Frozen
1022528	PED	7	620928	6975588	6/2/2011	Dark Brown	Gravel	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud
1022529	PED	7	620960	6975549	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	Partially Frozen
1022530	PED	7	620991	6975509	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sand
1022531	PED	7	620991	6975509	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sand
1022532	PED	7	621020	6975469	6/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1022533	PED	7	621054	6975432	6/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1022534	PED	7	621096	6975404	6/2/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Sand
1022535	PED	7	621142	6975387	6/2/2011	Reddish Yellow	Sand	Dry	Flat	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1022536	PED	7	621232	6975348	6/2/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1022537	PED	7	621190	6975374	6/2/2011	Dark Grey Black	Gravel	Damp	Subtle Slope	30	A	Black Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Small Sample
1022538	PED	7	621270	6975315	6/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Small Sample	Coarse
1022539	PED	7	620477	6979704	6/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1022540	PED	7	620543	6979628	6/3/2011	Dark Brown	Gravel	Damp	Flat	50	C	Poplar	Leaf Cover	Good	Rocky	Clay
1022541	PED	7	620626	6979579	6/3/2011	Dark Grey Black	Gravel	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Rocky	Coarse
1022542	PED	7	620643	6979489	6/3/2011	Dark Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky	Coarse
1022543	PED	7	620646	6979399	6/3/2011	Dark Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	Fine
1022544	PED	7	620737	6979357	6/3/2011	Reddish Yellow	Sand	Dry	Subtle Slope	100	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sand
1022545	PED	7	620737	6979357	6/3/2011	Reddish Yellow	Sand	Dry	Subtle Slope	100	C	Black Spruce	Thin Moss Cover	Excellent	Fine	Sand
1022546	PED	7	620807	6979287	6/3/2011	Dark Brown	Gravel	Dry	Flat	40	C	Black Spruce	Thin Moss Cover	Good	Rocky	Coarse
1022547	PED	7	620877	6979214	6/3/2011	Dark Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Big Round Boulders	Coarse
1022548	PED	7	620944	6979140	6/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1022549	PED	7	621004	6979060	6/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1022550	PED	7	621068	6978980	6/3/2011	Dark Brown	Clay	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Coarse	Clay
1022551	PED	7	619687	6976100	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Pine	Thin Moss Cover	Excellent	Coarse	
1022552	PED	7	619782	6976068	6/1/2011	Light Brown	Gravel	Dry	Subtle Slope	100	C	Old Burn	Thin Moss Cover	Excellent	Coarse	
1022553	PED	7	619864	6976008	6/1/2011	Chocolate Brown	Gravel	Dry	Flat	80	C	Old Burn	Thin Moss Cover	Excellent	Coarse	
1022554	PED	7	619896	6975915	6/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Old Burn	Thin Moss Cover	Good	Rocky	
1022555	PED	7	619922	6975819	6/1/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	B	White Spruce	Needle Cover	Good	Fine	
1022556	PED	7	619950	6975721	6/1/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Fine	
1022557	PED	7	619969	6975624	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Coarse	
1022558	PED	7	619971	6975520	6/1/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine	
1022559	PED	7	619970	6975419	6/1/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1022560	PED	7	619975	6975320	6/1/2011	Dark Brown	Sand	Damp	Subtle Slope	40	B	Poplar	Thin Moss Cover	Good	Rocky	
1022561	PED	7	620053	6975130	6/1/2011	Dark Blue Black	Sand	Wet	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1022562	PED	7	620064	6975029	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	Partially Frozen
1022563	PED	7	620100	6974936	6/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Partially Frozen
1022564	PED	7	620608	6974131	6/2/2011	Dark Grey Black	Gravel	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022565	PED	7	620608	6974131	6/2/2011	Dark Grey Black	Gravel	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022566	PED	7	620636	6974036	6/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	80	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1022567	PED	7	620686	6973952	6/2/2011	Chocolate Brown	Silt	Dry	Flat	90	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Loess
1022568	PED	7	620733	6973862	6/2/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1022569	PED	7	620761	6973768	6/2/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Poplar	Leaf Cover	Poor	Loess	Fine
1022570	PED	7	620833	6973697	6/2/2011	Chocolate Brown	Clay	Dry	Steep	30	B	Poplar	Needle Cover	Good	Fine	Loess
1022571	PED	7	620901	6973626	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1022572	PED	7	620965	6973549	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Fine	
1022573	PED	7	620991	6973508	6/2/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022574	PED	7	621068	6973442	6/2/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1022575	PED	7	621074	6973390	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	B	Poplar	Leaf Cover	Good	Fine	
1022576	PED	7	619495	6978333	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1022577	PED	7	619540	6978312	6/3/2011	Light Brown	Sand	Dry	Subtle Slope	100	C	Old Burn	Burnt Moss	Excellent	Fine	
1022578	PED	7	619575	6978274	6/3/2011	Light Brown	Sand	Dry	Flat	110	C	Old Burn	Burnt Moss	Excellent	Fine	
1022579	PED	7	619540	6978312	6/3/2011	Light Brown	Sand	Dry	Subtle Slope	100	C	Old Burn	Burnt Moss	Excellent	Fine	
1022580	PED	7	619620	6978249	6/3/2011	Light Brown	Sand	Dry	Flat	110	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1022581	PED	7	619661	6978219	6/3/2011	Light Brown	Gravel	Dry	Flat	100	C	Old Burn	Burnt Moss	Excellent	Coarse	
1022582	PED	7	619711	6978226	6/3/2011	Light Brown	Gravel	Damp	Subtle Slope	90	C	Old Burn	Burnt Moss	Excellent	Coarse	
1022583	PED	7	619761	6978214	6/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1022584	PED	7	619805	6978190	6/3/2011	Reddish Brown	Clay	Damp	Flat	70	C	Old Burn	Needle Cover	Excellent	Coarse	
1022585	PED	7	619850	6978167	6/3/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1022586	PED	7	619894	6978141	6/3/2011	Reddish Brown	Gravel	Dry	Flat	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1022587	PED	7	619941	6978125	6/3/2011	Reddish Brown	Gravel	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Coarse	Rocky
1022588	PED	7	619989	6978105	6/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Old Burn	Needle Cover	Excellent	Coarse	Quartz Chips

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1022589	PED	7	620031	6978077	6/3/2011	Light Brown	Gravel	Damp	Flat	70	C	Old Burn	Needle Cover	Excellent	Quartz Chips	Rocky
1022590	PED	7	620076	6978051	6/3/2011	Chocolate Brown	Gravel	Dry	Flat	60	C	Old Burn	Burnt Moss	Excellent	Rocky	Coarse
1022591	PED	7	620115	6978017	6/3/2011	Chocolate Brown	Gravel	Dry	Flat	50	C	Old Burn	Needle Cover	Excellent	Rocky	Coarse
1022592	PED	7	620152	6977984	6/3/2011	Chocolate Brown	Gravel	Damp	Flat	60	C	Old Burn	Burnt Moss	Excellent	Rocky	Coarse
1022593	PED	7	620199	6977966	6/3/2011	Reddish Brown	Gravel	Dry	Flat	40	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1022594	PED	7	620244	6977944	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Old Burn	Needle Cover	Excellent	Rocky	Coarse
1022595	PED	7	620276	6977905	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Old Burn	Needle Cover	Excellent	Coarse	
1022596	PED	7	620315	6977873	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	
1022597	PED	7	620352	6977838	6/3/2011	Light Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Burnt Moss	Excellent	Coarse	
1022598	PED	7	620374	6977793	6/3/2011	Light Brown	Gravel	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022599	PED	7	620400	6977749	6/3/2011	Light Brown	Sand	Damp	Pronounced Slope	110	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1022600	PED	7	620427	6977706	6/3/2011	Light Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022601	PED	7	619560	6977836	6/1/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	White Spruce	Leaf Cover	Excellent	Coarse	
1022602	PED	7	619653	6977795	6/1/2011	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1022603	PED	7	619729	6977752	6/1/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1022604	PED	7	619821	6977705	6/1/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1022605	PED	7	619903	6977657	6/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1022606	PED	7	619466	6977869	6/1/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1022607	PED	7	619372	6977892	6/1/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Good	Coarse	
1022608	PED	7	619284	6977939	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Coarse	
1022609	PED	7	619204	6977986	6/1/2011	Reddish Orange	Sand	Dry	Pronounced Slope	70	C	White Spruce	Leaf Cover	Excellent	Coarse	
1022610	PED	7	619117	6978025	6/1/2011	Reddish Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1022611	PED	7	619022	6978067	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1022612	PED	7	618935	6978095	6/1/2011	Reddish Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Leaf Cover	Excellent	Coarse	
1022613	PED	7	618832	6978117	6/1/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Leaf Cover	Excellent	Coarse	
1022614	PED	7	618733	6978133	6/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1022615	PED	7	618634	6978135	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	90	C	Old Burn	Burnt Moss	Excellent	Coarse	
1022616	PED	7	618634	6978135	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	90	C	Old Burn	Burnt Moss	Excellent	Coarse	
1022617	PED	7	618534	6978127	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Fine	
1022618	PED	7	621363	6976639	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1022619	PED	7	621400	6976600	6/4/2011	Reddish Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Coarse	
1022620	PED	7	621444	6976576	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1022621	PED	7	621482	6976544	6/4/2011	Reddish Brown	Sand	Damp	Pronounced Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	
1022622	PED	7	621522	6976514	6/4/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Clay	
1022623	PED	7	621562	6976484	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1022624	PED	7	621603	6976453	6/4/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Fine	
1022625	PED	7	621645	6976425	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Clay	
1022626	PED	7	621687	6976398	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1022627	PED	7	621730	6976372	6/4/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1022628	PED	7	621768	6976340	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Coarse	
1022629	PED	7	621768	6976340	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Coarse	
1022630	PED	7	621810	6976311	6/4/2011	Reddish Yellow	Silt	Damp	Pronounced Slope	100	C	Poplar	Grass Cover	Good	Clay	
1022631	PED	7	621847	6976278	6/4/2011	Reddish Brown	Sand	Wet	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Coarse	
1022632	PED	7	621884	6976246	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1022633	PED	7	621925	6976216	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1022634	PED	7	621960	6976179	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Coarse	
1022635	PED	7	621996	6976144	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1022636	PED	7	621306	6976730	6/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1022637	PED	7	620018	6977574	6/2/2011	Reddish Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1022638	PED	7	620118	6977508	6/2/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1022639	PED	7	620169	6977502	6/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1022640	PED	7	620302	6977445	6/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Good	Coarse	
1022641	PED	7	620393	6977373	6/2/2011	Reddish Orange	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	
1022642	PED	7	620475	6977303	6/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Coarse	
1022643	PED	7	620569	6977252	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1022645	PED	7	620653	6977218	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	100	C	Birch Forest	Leaf Cover	Good	Coarse	
1022646	PED	7	620737	6977198	6/2/2011	Reddish Orange	Clay	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Fine	
1022647	PED	7	620818	6977138	6/2/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	80	C	Poplar	Grass Cover	Good	Coarse	
1022648	PED	7	620908	6977093	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1022649	PED	7	620975	6977022	6/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Fine	
1022650	PED	7	621051	6976973	6/2/2011	Reddish Yellow	Clay	Dry	Pronounced Slope	70	B	Poplar	Leaf Cover	Good	Fine	
1022651	PED	7	616635	6977172	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Old Burn	Bare Soil	Excellent	Sand	
1022652	PED	7	616635	6977172	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Old Burn	Bare Soil	Excellent	Sand	
1022653	PED	7	616722	6977226	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Old Burn	Grass Cover	Good	Fine	
1022654	PED	7	616805	6977292	6/1/2011	Dark Grey Black	Sand	Damp	Flat	40	C	Old Burn	Thin Moss Cover	Good	Fine	
1022655	PED	7	616844	6977322	6/1/2011	Dark Grey Black	Sand	Damp	Subtle Slope	60	C	Old Burn	Thin Moss Cover	Good	Fine	
1022656	PED	7	616930	6977378	6/1/2011	Dark Brown	Silt	Damp	Flat	50	C	Old Burn	Bare Soil	Good	Mud	
1022657	PED	7	617013	6977439	6/1/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	B	Old Burn	Bare Soil	Good	Wet Soil	Organic 10%
1022658	PED	7	617109	6977463	6/1/2011	Bluish Grey	Sand	Damp	Subtle Slope	30	C	White Spruce	Needle Cover	Good	Coarse	
1022659	PED	7	617209	6977467	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Bare Soil	Good	Fine	
1022660	PED	7	617312	6977447	6/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Old Burn	Bare Soil	Good	Big Round Boulders	
1022661	PED	7	617410	6977397	6/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Pine	Sphagnum Moss < 30cm	Good	Small Sample	Organic 10%
1022662	PED	7	617466	6977389	6/1/2011	Chocolate Brown	Sand	Wet	Flat	40	C	Pine	Bare Soil	Good	Wet Soil	
1022663	PED	7	617611	6977319	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Bare Soil	Good	Coarse	
1022664	PED	7	617647	6977283	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Thin Moss Cover	Good	Frozen	
1022665	PED	7	617722	6977215	6/1/2011	Reddish Yellow	Sand	Dry	Subtle Slope	60	C	Old Burn	Bare Soil	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1022666	PED	7	617816	6977167	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Bare Soil	Good	Wet Soil	
1022667	PED	7	610170	6976437	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Pine	Thin Moss Cover	Good	Coarse	
1022668	PED	7	610170	6976437	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Pine	Thin Moss Cover	Good	Coarse	
1022669	PED	7	610162	6976387	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Organic 10%	
1022670	PED	7	610174	6976337	6/4/2011	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1022671	PED	7	610198	6976294	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Sand	
1022672	PED	7	610216	6976247	6/4/2011	Chocolate Brown	Silt	Dry	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1022673	PED	7	610211	6976197	6/4/2011	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Thin Moss Cover	Good	Fine	
1022674	PED	7	610215	6976147	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1022675	PED	7	610224	6976097	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Sand	
1022676	PED	7	610242	6976050	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1022677	PED	7	610255	6976001	6/4/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1022678	PED	7	618374	6977012	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Bare Soil	Good	Coarse	Organic 10%
1022679	PED	7	618289	6977076	6/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Good	Wet Soil	
1022680	PED	7	618206	6977125	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Old Burn	Bare Soil	Good	Coarse	
1022681	PED	7	618165	6977157	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Old Burn	Bare Soil	Good	Organic 10%	
1022682	PED	7	618066	6977188	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Bare Soil	Good	Fine	
1022683	PED	7	617965	6977188	6/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Old Burn	Bare Soil	Good	Fine	
1022684	PED	7	617914	6977184	6/1/2011	Chocolate Brown	Sand	Damp	Flat	30	C	Old Burn	Bare Soil	Good	Wet Soil	
1022685	PED	7	610052	6976789	6/4/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1022686	PED	7	610051	6976840	6/4/2011	Reddish Yellow	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Small Sample	
1022687	PED	7	610039	6976888	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	
1022688	PED	7	610023	6976935	6/4/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Frozen
1022689	PED	7	610002	6976980	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Rocky	
1022690	PED	7	609980	6977026	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Fine	
1022691	PED	7	609989	6977076	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Organic 10%	
1022692	PED	7	609983	6977126	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1022693	PED	7	609965	6977173	6/4/2011	Dark Blue Black	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Rocky	
1022694	PED	7	609947	6977220	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Rocky	
1022695	PED	7	609933	6977268	6/4/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Fine	Rocky
1022696	PED	7	609916	6977316	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Organic 10%	
1022697	PED	7	609902	6977362	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Organic 10%	Frozen
1022698	PED	7	609890	6977413	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Organic 10%	Rocky
1022699	PED	7	609876	6977461	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Organic 10%	Rocky
1022700	PED	7	609861	6977509	6/4/2011	Reddish Yellow	Sand	Dry	Flat	60	C	Pine	Thin Moss Cover	Good	Coarse	
1022701	PED	7	619327	6977923	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1022702	PED	7	619422	6977882	6/1/2011	Light Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1022703	PED	7	619515	6977855	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Bare Soil	Excellent	Coarse	
1022704	PED	7	619605	6977815	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1022705	PED	7	619692	6977773	6/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	80	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1022706	PED	7	619774	6977726	6/1/2011	Light Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Sphagnum Moss > 30cm	Excellent	Coarse	
1022707	PED	7	619863	6977682	6/1/2011	Chocolate Brown	Silt	Dry	Subtle Slope	70	B	Poplar	Sphagnum Moss > 30cm	Good	Fine	
1022708	PED	7	619940	6977630	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1022709	PED	7	619765	6978793	6/3/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1022710	PED	7	619857	6978765	6/3/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sand
1022711	PED	7	619954	6978752	6/3/2011	Chocolate Brown	Sand	Dry	Flat	80	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1022712	PED	7	620044	6978714	6/3/2011	Light Brown	Sand	Dry	Flat	90	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1022713	PED	7	620123	6978662	6/3/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1022714	PED	7	620207	6978615	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	Transported Soil
1022715	PED	7	620261	6978619	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen	
1022716	PED	7	620352	6978624	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Small Sample
1022717	PED	7	620461	6978611	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Small Sample
1022718	PED	7	620554	6978600	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1022719	PED	7	620646	6978583	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Small Sample
1022720	PED	7	620750	6978570	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Small Sample
1022721	PED	7	620750	6978570	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1022722	PED	7	620846	6978575	6/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Poplar	Sphagnum Moss > 30cm	Good	Transported Soil	Possible Creek Contamination
1022723	PED	7	620951	6978588	6/3/2011	Chocolate Brown	Clay	Dry	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1022724	PED	7	621048	6978547	6/3/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1022725	PED	7	621130	6978513	6/3/2011	Light Brown	Gravel	Dry	Steep	110	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sand	Coarse
1022726	PED	7	618483	6978124	6/1/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Black Spruce	Burnt Moss	Excellent	Coarse	
1022727	PED	7	618586	6978130	6/1/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Black Spruce	Bare Soil	Excellent	Sand	Coarse
1022728	PED	7	618686	6978138	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Black Spruce	Bare Soil	Excellent	Sand	Coarse
1022729	PED	7	618686	6978138	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Black Spruce	Bare Soil	Excellent	Sand	Coarse
1022730	PED	7	618783	6978128	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Bare Soil	Good	Coarse	
1022731	PED	7	618885	6978107	6/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1022732	PED	7	618984	6978082	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Bare Soil	Excellent	Sand	Coarse
1022734	PED	7	619165	6978009	6/1/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Needle Cover	Excellent	Coarse	
1022735	PED	7	619241	6977961	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Bare Soil	Excellent	Coarse	
1022736	PED	7	622114	6976413	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Bare Soil	Excellent	Coarse	
1022737	PED	7	622182	6976334	6/5/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1022739	PED	7	631808	6975123	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Good	Rocky	Organic 10%
1022740	PED	7	631826	6975220	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover	Good	Mud	Organic 25%
1022741	PED	7	631844	6975267	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Reindeer Moss	Good	Rocky	Fine
1022742	PED	7	622219	6976299	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1022743	PED	7	624611	6976220	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	40	C	Poplar	Leaf Cover	Good	Sandy	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1022744	PED	7	624575	6976254	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	60	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1022745	PED	7	624542	6976291	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	60	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1022746	PED	7	624504	6976323	6/6/2011	Reddish Brown	Gravel	Dry	Steep	110	C	Poplar	Leaf Cover	Excellent	Dull Red Rust	Coarse
1022747	PED	7	622036	6976479	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1022748	PED	7	624469	6976358	6/6/2011	Dark Brown	Gravel	Dry	Steep	50	C	Poplar	Leaf Cover	Good	Rocky Sample	Coarse
1022749	PED	7	621219	6978466	6/3/2011	Light Brown	Gravel	Dry	Pronounced Slope	110	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Small Sample	Coarse
1022750	PED	7	624432	6976392	6/6/2011	Dark Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky Sample	Rocky Terrain
1022751	PED	7	619590	6976087	6/1/2011	Grey	Silt	Damp	Subtle Slope	40	C	Old Burn	Leaf Cover	Good	Rocky	
1022752	PED	7	619638	6976098	6/1/2011	Dark Grey Black	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Sand	Small Sample
1022753	PED	7	619736	6976087	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Leaf Cover	Excellent	Sand	Coarse
1022754	PED	7	619823	6976036	6/1/2011	Reddish Yellow	Sand	Damp	Flat	70	C	Old Burn	Burnt Moss	Excellent	Sand	Coarse
1022755	PED	7	619889	6975962	6/1/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	Old Burn	Leaf Cover	Good	Fine	
1022756	PED	7	619914	6975864	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Fine	
1022757	PED	7	619932	6975770	6/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1022758	PED	7	619969	6975674	6/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Fine	
1022759	PED	7	619972	6975574	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	Fine
1022760	PED	7	619972	6975574	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	Fine
1022761	PED	7	619972	6975474	6/1/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Sand	Fine
1022762	PED	7	619984	6975384	6/1/2011	Reddish Yellow	Silt	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Sand	Fine
1022763	PED	7	620001	6975275	6/1/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Sand	
1022764	PED	7	620032	6975219	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1022765	PED	7	620049	6975172	6/1/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1022766	PED	7	620066	6975068	6/1/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1022767	PED	7	620091	6974993	6/1/2011	Yellow	Silt	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1022768	PED	7	620162	6978636	6/3/2011	Dark Brown	Gravel	Damp	Subtle Slope	20	B	Poplar	Leaf Cover	Poor	Rocky	Quartz Chips
1022769	PED	7	620311	6978617	6/3/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Wet Soil
1022770	PED	7	620407	6978621	6/3/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Rocky
1022771	PED	7	628364	6977888	6/7/2011	Chocolate Brown	Clay	Damp	Subtle Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Small Sample	Organic 25%
1022772	PED	7	628315	6977880	6/7/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	Alders	Sphagnum Moss < 30cm	Excellent	Mud	Coarse
1022773	PED	7	628266	6977871	6/7/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1022774	PED	7	628216	6977861	6/7/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Organic 50%	Small Sample
1022775	PED	7	628167	6977852	6/7/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	C	Birch Forest	Thin Moss Cover	Good	Organic 25%	Coarse
1022776	PED	7	631473	6974728	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Clay	Mud
1022777	PED	7	631386	6974679	6/8/2011	Dark Brown	Clay	Wet	Flat	30	B	No Tree Cover	Thin Moss Cover	Poor	Small Sample	Mud
1022778	PED	7	631300	6974630	6/8/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	C	No Tree Cover	Thin Moss Cover	Good	Coarse	Clay
1022779	PED	7	631243	6974548	6/8/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	No Tree Cover	Sphagnum Moss > 30cm	Good	Coarse	Big Round Boulders
1022780	PED	7	631182	6974468	6/8/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	C	No Tree Cover	Rock Cover	Good	Coarse	Mud
1022781	PED	7	631120	6974387	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Clay
1022782	PED	7	631060	6974305	6/8/2011	Chocolate Brown	Clay	Damp	Flat	40	C	Black Spruce	Rock Cover	Excellent	Coarse	Clay
1022783	PED	7	631003	6974221	6/8/2011	Reddish Yellow	Clay	Damp	Flat	50	C	No Tree Cover	Rock Cover	Excellent	Coarse	Clay
1022784	PED	7	630958	6974130	6/8/2011	Reddish Yellow	Clay	Wet	Flat	50	C	No Tree Cover	Rock Cover	Excellent	Mud	Coarse
1022785	PED	7	630916	6974039	6/8/2011	Chocolate Brown	Clay	Damp	Flat	50	B	No Tree Cover	Rock Cover	Good	Clay	Big Round Boulders
1022786	PED	7	630877	6973945	6/8/2011	Chocolate Brown	Clay	Damp	Flat	60	B	No Tree Cover	Rock Cover	Good	Clay	Big Round Boulders
1022787	PED	7	628901	6978034	6/7/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Clay	Coarse
1022788	PED	7	628854	6978017	6/7/2011	Chocolate Brown	Clay	Damp	Flat	40	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Mud	Coarse
1022789	PED	7	628760	6977974	6/7/2011	Chocolate Brown	Gravel	Damp	Flat	60	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Clay	Coarse
1022790	PED	7	629078	6978131	6/7/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Mud	Small Sample
1022791	PED	7	629037	6978101	6/7/2011	Chocolate Brown	Clay	Wet	Subtle Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Mud	Small Sample
1022792	PED	7	628946	6978057	6/7/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Clay
1022793	PED	7	628993	6978076	6/7/2011	Chocolate Brown	Clay	Wet	Flat	40	B	No Tree Cover	Thin Moss Cover	Poor	Mud	Small Sample
1022794	PED	7	631531	6974775	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Good	Partially Frozen	Rocky
1022795	PED	7	631766	6975033	6/7/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	No Tree Cover	Rock Cover	Good	Fine	Rocky
1022796	PED	7	631694	6974962	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	No Tree Cover	Rock Cover	Good	Rocky	Big Round Boulders
1022797	PED	7	631953	6975802	6/7/2011	Dark Grey Black	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Rock Cover	Good	Small Sample	Rocky
1022798	PED	7	631955	6975753	6/7/2011	Dark Grey Black	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover	Good	Rocky	Partially Frozen
1022799	PED	7	630952	6973156	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Big Round Boulders
1022800	PED	7	630922	6973253	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Small Sample
1022801	PED	7	619225	6975660	6/1/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Fine	
1022802	PED	7	610849	6978972	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Rocky	
1022803	PED	7	619262	6975759	6/1/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1022804	PED	7	619303	6975853	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	20	B	Poplar	Grass Cover	Poor	Rocky	
1022805	PED	7	619130	6975479	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Good	Fine	
1022806	PED	7	610938	6978935	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	30	C	Black Spruce	Leaf Cover	Good	Rocky	
1022807	PED	7	610653	6984927	6/26/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky Terrain	
1022808	PED	7	618645	6974966	6/1/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	20	B	Black Spruce	Thin Moss Cover	Poor	Rocky	
1022809	PED	7	610630	6984972	6/26/2011	Greyish Green	Silt	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Coarse	
1022810	PED	7	619315	6975966	6/1/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	110	C	Poplar	Thin Moss Cover	Excellent	Fine	
1022811	PED	7	614368	6978611	6/3/2011	Dark Brown	Sand	Dry	Pronounced Slope	20	B	Poplar	Thin Moss Cover	Poor	Rocky	Organic 10%
1022812	PED	7	614422	6978693	6/3/2011	Reddish Orange	Sand	Dry	Pronounced Slope	20	B	Poplar	Bare Soil	Poor	Fine	Rocky
1022813	PED	7	614091	6978040	6/3/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1022814	PED	7	614150	6978108	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine	Rocky
1022815	PED	7	613967	6977903	6/3/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Good	Fine	
1022816	PED	7	619315	6975966	6/1/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	110	C	Poplar	Thin Moss Cover	Excellent	Fine	
1022817	PED	7	614014	6977979	6/3/2011	Grey	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1022818	PED	7	618957	6975224	6/1/2011	Reddish Brown	Sand	Dry	Steep	70	C	Old Burn	Grass Cover	Good	Fine	
1022819	PED	7	619068	6975399	6/1/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Fine	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1022820	PED	7	619179	6975569	6/1/2011	Dark Brown	Sand	Dry	Subtle Slope	30	B	Poplar	Grass Cover	Poor	Rocky	
1022821	PED	7	619021	6975307	6/1/2011	Dark Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Poor	Clay	
1022822	PED	7	618761	6975001	6/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	20	B	Poplar	Leaf Cover	Poor	Clay	
1022823	PED	7	618832	6975071	6/1/2011	Dark Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Leaf Cover	Poor	Rocky	
1022824	PED	7	610679	6984884	6/26/2011	Greyish Green	Silt	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Rocky	Coarse
1022825	PED	7	613875	6977791	6/3/2011	Reddish Brown	Sand	Dry	Steep	30	C	Poplar	Grass Cover	Good	Fine	
1022826	PED	7	610819	6979012	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1022827	PED	7	610946	6978834	6/4/2011	Dark Brown	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	
1022828	PED	7	610939	6978884	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1022829	PED	7	614244	6978334	6/3/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Fine	
1022830	PED	7	614181	6978198	6/3/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Fine	Rocky
1022831	PED	7	614272	6978437	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1022832	PED	7	614317	6978526	6/3/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Rocky	
1022833	PED	7	614498	6978759	6/3/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	
1022834	PED	7	614547	6978857	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Clay	Organic 25%
1022835	PED	7	614599	6978947	6/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky
1022836	PED	7	614656	6979038	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1022837	PED	7	610971	6978791	6/4/2011	Dark Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Leaf Cover	Good	Clay	
1022838	PED	7	610999	6978748	6/4/2011	Dark Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Grass Cover	Poor	Clay	
1022839	PED	7	610998	6978698	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Leaf Cover	Good	Rocky	
1022841	PED	7	610742	6984802	6/26/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky Sample	Coarse
1022842	PED	7	610797	6984719	6/26/2011	Dark Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1022843	PED	7	611572	6978313	6/4/2011	Dark Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Leaf Cover	Good	Partially Frozen	
1022844	PED	7	611613	6978284	6/4/2011	Dark Brown	Sand	Wet	Subtle Slope	40	C	Black Spruce	Leaf Cover	Good	Clay	
1022845	PED	7	611615	6978220	6/4/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	
1022846	PED	7	611630	6978172	6/4/2011	Reddish Brown	Sand	Damp	Pronounced Slope	20	B	Black Spruce	Leaf Cover	Poor	Rocky	
1022848	PED	7	611652	6978125	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Leaf Cover	Good	Rocky	
1022849	PED	7	610712	6984846	6/26/2011	Light Brown	Gravel	Damp	Flat	70	C	White Spruce	Thin Moss Cover	Excellent	Quartz Chips	Coarse
1022850	PED	7	610897	6978963	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Rocky	
1022851	PED	7	619318	6976026	6/1/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	90	C	Poplar	Thin Moss Cover	Excellent	Sand	Fine
1022852	PED	7	619309	6975910	6/1/2011	Dark Grey Black	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	
1022853	PED	7	619283	6975806	6/1/2011	Dark Grey Black	Sand	Dry	Subtle Slope	70	C	Old Burn	Bare Soil	Excellent	Fine	Sand
1022854	PED	7	619236	6975715	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Burnt Moss	Good	Rocky	Fine
1022855	PED	7	619199	6975616	6/1/2011	Grey	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Fine	Rocky
1022856	PED	7	619154	6975524	6/1/2011	Dark Grey Black	Sand	Dry	Subtle Slope	90	C	No Tree Cover	Burnt Moss	Excellent	Fine	Rocky
1022857	PED	7	619154	6975524	6/1/2011	Dark Grey Black	Sand	Dry	Subtle Slope	90	C	No Tree Cover	Burnt Moss	Excellent	Fine	Rocky
1022858	PED	7	619101	6975437	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Rocky	Sand
1022859	PED	7	619057	6975342	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Fine	
1022860	PED	7	618980	6975276	6/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Old Burn	Thin Moss Cover	Poor	Organic 25%	Rocky
1022861	PED	7	618940	6975176	6/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Fine	
1022862	PED	7	618876	6975098	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1022863	PED	7	618801	6975030	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1022864	PED	7	618755	6974930	6/1/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky	
1022865	PED	7	618673	6974872	6/1/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1022866	PED	7	618569	6974836	6/1/2011	Dark Brown	Sand	Wet	Steep	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1022867	PED	7	615910	6974666	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1022868	PED	7	615881	6974560	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1022869	PED	7	615833	6974469	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	Rocky
1022870	PED	7	615749	6974409	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022871	PED	7	615728	6974293	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1022872	PED	7	615702	6974179	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1022873	PED	7	615623	6974117	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Fine	
1022874	PED	7	615594	6973999	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022875	PED	7	615543	6973898	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022876	PED	7	615469	6973826	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1022877	PED	7	615990	6974870	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1022878	PED	7	615952	6974759	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1022879	PED	7	620573	6974222	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Rocky
1022880	PED	7	620509	6974306	6/2/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022881	PED	7	620448	6974386	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Rocky	Coarse
1022882	PED	7	620361	6974440	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1022883	PED	7	620287	6974509	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1022884	PED	7	620167	6974604	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1022885	PED	7	620248	6974542	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1022886	PED	7	620150	6974696	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1022887	PED	7	620125	6974739	6/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1022893	PED	7	617815	6981308	6/27/2011	Light Brown	Sand	Damp	Steep	100	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1022895	PED	7	613349	6985165	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Needle Cover	Excellent	Rocky	
1022897	PED	7	615096	6973667	6/2/2011	Chocolate Brown	Sand	Damp	Steep	70	C	Poplar	Leaf Cover	Excellent	Fine	
1022898	PED	7	615190	6973698	6/2/2011	Chocolate Brown	Sand	Damp	Steep	50	C	Poplar	Grass Cover	Good	Fine	
1022899	PED	7	615275	6973753	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Poor	Sand	Fine
1022900	PED	7	613791	6977839	6/3/2011	Light Brown	Sand	Dry	Steep	40	C	Poplar	Leaf Cover	Good	Fine	
1022901	PED	7	618185	6976453	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Grass Cover	Good	Coarse	
1022902	PED	7	618190	6976404	6/1/2011	Chocolate Brown	Sand	Dry	Flat	40	B	Old Burn	Burnt Moss	Poor	Rocky	
1022903	PED	7	618188	6976354	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Old Burn	Grass Cover	Poor	Small Sample	
1022904	PED	7	618161	6976306	6/1/2011	Reddish Brown	Sand	Dry	Flat	60	C	Old Burn	Grass Cover	Good	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1022905	PED	7	618135	6976259	6/1/2011	Greyish Green	Sand	Dry	Flat	50	C	Old Burn	Sphagnum Moss < 30cm	Good	Coarse	
1022906	PED	7	618113	6976213	6/1/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Old Burn	Grass Cover	Good	Fine	Sand
1022907	PED	7	618101	6976160	6/1/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Coarse	
1022908	PED	7	618079	6976114	6/1/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Coarse	
1022909	PED	7	618088	6976060	6/1/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	40	C	Old Burn	Grass Cover	Good	Coarse	
1022910	PED	7	618058	6976017	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Sphagnum Moss < 30cm	Good	Coarse	
1022911	PED	7	618040	6975971	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Old Burn	Grass Cover	Good	Coarse	
1022912	PED	7	618041	6975921	6/1/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Old Burn	Grass Cover	Good	Coarse	
1022913	PED	7	618044	6975872	6/1/2011	Dark Olivine Green	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Coarse	
1022914	PED	7	617993	6975878	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Old Burn	Grass Cover	Poor	Coarse	Small Sample
1022915	PED	7	617943	6975878	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Wet Soil	
1022916	PED	7	617894	6975872	6/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Grass Cover	Good	Coarse	
1022917	PED	7	617864	6975831	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Old Burn	Grass Cover	Good	Coarse	Small Sample
1022918	PED	7	617823	6975802	6/1/2011	Yellow	Sand	Dry	Subtle Slope	70	C	Old Burn	Grass Cover	Good	Coarse	
1022919	PED	7	617823	6975802	6/1/2011	Yellow	Sand	Dry	Subtle Slope	70	C	Old Burn	Grass Cover	Good	Coarse	
1022920	PED	7	617803	6975758	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Coarse	Small Sample
1022921	PED	7	617790	6975710	6/1/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Old Burn	Burnt Moss	Good	Coarse	
1022922	PED	7	617772	6975660	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Old Burn	Grass Cover	Good	Gravel Bar	
1022923	PED	7	617770	6975610	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Poplar	Sphagnum Moss < 30cm	Poor	Coarse	Small Sample
1022924	PED	7	617798	6975567	6/1/2011	Light Brown	Sand	Dry	Pronounced Slope	20	B	Old Burn	Grass Cover	Poor	Fine	Small Sample
1022925	PED	7	617757	6975538	6/1/2011	Light Brown	Sand	Dry	Subtle Slope	20	B	Poplar	Sphagnum Moss < 30cm	Poor	Fine	Small Sample
1022926	PED	7	617761	6975486	6/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	B	Poplar	Sphagnum Moss < 30cm	Poor	Organic 25%	
1022927	PED	7	617739	6975439	6/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Small Sample	
1022928	PED	7	615992	6976341	6/2/2011	Dark Blue Black	Sand	Dry	Subtle Slope	100	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine	
1022929	PED	7	616010	6976293	6/2/2011	Pale Greenish	Sand	Dry	Subtle Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1022930	PED	7	616032	6976248	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Coarse	
1022931	PED	7	616057	6976204	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Grass Cover	Good	Coarse	
1022932	PED	7	616073	6976156	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Grass Cover	Good	Coarse	Rocky
1022933	PED	7	616109	6976121	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Coarse	
1022934	PED	7	616152	6976094	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Coarse	Rocky
1022935	PED	7	616182	6976052	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Old Burn	Sphagnum Moss < 30cm	Poor	Coarse	Rocky
1022937	PED	7	616212	6976013	6/2/2011	Pale Greenish	Sand	Dry	Subtle Slope	100	C	Old Burn	Grass Cover	Excellent	Coarse	
1022938	PED	7	616212	6976013	6/2/2011	Pale Greenish	Sand	Dry	Subtle Slope	100	C	Old Burn	Grass Cover	Excellent	Coarse	
1022939	PED	7	616237	6975968	6/2/2011	Pale Greenish	Sand	Damp	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Coarse	
1022940	PED	7	616270	6975931	6/2/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Fine	Loess
1022941	PED	7	616290	6975883	6/2/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Coarse	Rocky
1022942	PED	7	616322	6975843	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Coarse	Rocky
1022943	PED	7	616354	6975803	6/2/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Old Burn	Grass Cover	Good	Coarse	Rocky
1022944	PED	7	616378	6975759	6/2/2011	Yellow	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Coarse	
1022945	PED	7	616368	6975710	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	
1022946	PED	7	616347	6975664	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Coarse	
1022947	PED	7	616329	6975616	6/2/2011	Light Brown	Sand	Wet	Subtle Slope	50	C	Old Burn	Grass Cover	Good	Coarse	Rocky
1022948	PED	7	616349	6975570	6/2/2011	Pale Greenish	Sand	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1022949	PED	7	616329	6975524	6/2/2011	Reddish Yellow	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1022950	PED	7	616311	6975478	6/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1022951	PED	7	630981	6972713	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1022952	PED	7	630954	6972615	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Reindeer Moss	Excellent	Coarse	
1022953	PED	7	628882	6976230	6/12/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	Quartz Chips
1022954	PED	7	628833	6976234	6/12/2011	Chocolate Brown	Gravel	Dry	Flat	70	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1022955	PED	7	628782	6976231	6/12/2011	Chocolate Brown	Clay	Damp	Subtle Slope	90	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	Big Round Boulders
1022956	PED	7	628833	6976234	6/12/2011	Chocolate Brown	Gravel	Dry	Flat	70	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1022957	PED	7	628933	6976228	6/12/2011	Chocolate Brown	Gravel	Damp	Flat	70	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1022958	PED	7	629133	6976207	6/12/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Clay
1022959	PED	7	629183	6976205	6/12/2011	Chocolate Brown	Sand	Damp	Flat	70	C	Dwarf Birch	Grass Cover	Excellent	Coarse	Clay
1022960	PED	7	629233	6976212	6/12/2011	Chocolate Brown	Gravel	Damp	Flat	80	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1022961	PED	7	629283	6976209	6/12/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	Sand
1022962	PED	7	629329	6976226	6/12/2011	Chocolate Brown	Gravel	Dry	Flat	50	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1022963	PED	7	629378	6976241	6/12/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1022964	PED	7	629426	6976254	6/12/2011	Chocolate Brown	Gravel	Damp	Flat	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1022965	PED	7	629472	6976275	6/12/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1022966	PED	7	629570	6976293	6/12/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	Rocky
1022967	PED	7	629616	6976312	6/12/2011	Chocolate Brown	Gravel	Dry	Flat	80	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1022968	PED	7	629666	6976318	6/12/2011	Chocolate Brown	Gravel	Wet	Flat	60	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1022969	PED	7	629711	6976341	6/12/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	Clay
1022970	PED	7	629758	6976357	6/12/2011	Chocolate Brown	Gravel	Dry	Flat	30	C	Black Spruce	Reindeer Moss	Excellent	Coarse	
1022971	PED	7	629796	6976390	6/12/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1022972	PED	7	629835	6976422	6/12/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Black Spruce	Reindeer Moss	Excellent	Coarse	
1022975	PED	7	629875	6976451	6/12/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1022982	PED	7	628332	6976251	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Coarse	Big Round Boulders
1022983	PED	7	628382	6976255	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Coarse	Mud
1022984	PED	7	628432	6976245	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Subalpine Fir	Reindeer Moss	Excellent	Organic 10%	Coarse
1022985	PED	7	628482	6976247	6/12/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Subalpine Fir	Thin Moss Cover	Excellent	Mud	Coarse
1022986	PED	7	628532	6976240	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1022987	PED	7	628582	6976245	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Excellent	Clay	Coarse
1022988	PED	7	628631	6976238	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Excellent	Mud	Coarse
1022989	PED	7	628682	6976241	6/12/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1022990	PED	7	628733	6976236	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Dwarf Birch	Rock Cover	Excellent	Coarse	Clay
1022991	PED	7	630628	6977608	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Fine	
1022992	PED	7	630581	6977593	6/12/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Rocky	Fine
1022993	PED	7	630532	6977578	6/12/2011	Dark Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Fine	Rocky
1022994	PED	7	630483	6977562	6/12/2011	Dark Brown	Gravel	Wet	Subtle Slope	50	B	No Tree Cover	Rock Cover	Good	Rocky	Coarse
1022995	PED	7	630437	6977544	6/12/2011	Dark Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Good	Rocky	Frozen
1022996	PED	7	630339	6977521	6/12/2011	Dark Brown	Silt	Wet	Flat	20	A	No Tree Cover	Reindeer Moss	Poor	Frozen	Organic 10%
1022997	PED	7	630239	6977507	6/12/2011	Dark Brown	Silt	Wet	Flat	20	B	No Tree Cover	Reindeer Moss	Poor	Frozen	Fine
1022998	PED	7	630191	6977491	6/12/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Good	Talus	Rocky
1022999	PED	7	630144	6977471	6/12/2011	Reddish Brown	Clay	Damp	Flat	20	B	No Tree Cover	Thin Moss Cover	Poor	Talus	Fine
1023000	PED	7	630093	6977465	6/12/2011	Chocolate Brown	Clay	Damp	Flat	30	B	No Tree Cover	Thin Moss Cover	Poor	Talus	Fine
1023501	PED	7	640106	6973333	6/22/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Pine	Sphagnum Moss < 30cm	Excellent	Sandy	
1023502	PED	7	640153	6973356	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Birch Forest	Needle Cover	Excellent	Bright Orange Rust	
1023503	PED	7	640199	6973380	6/23/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Pine	Grass Cover	Good	Frozen	
1023504	PED	7	640251	6973395	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	B	Birch Forest	Grass Cover	Excellent	Clay	
1023505	PED	7	640296	6973423	6/23/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	B	Birch Forest	Grass Cover	Excellent	Clay	
1023506	PED	7	640344	6973443	6/23/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1023507	PED	7	640387	6973473	6/23/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Pine	Grass Cover	Excellent	Clay	
1023508	PED	7	640434	6973496	6/23/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Pine	Sphagnum Moss < 30cm	Good	Sandy	
1023509	PED	7	640480	6973525	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Pine	Grass Cover	Excellent	Clay	
1023510	PED	7	640529	6973546	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Pine	Thin Moss Cover	Excellent	Sandy	
1023511	PED	7	640578	6973562	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Grass Cover	Excellent	Sandy	
1023512	PED	7	640623	6973589	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Grass Cover	Excellent	Sandy	
1023513	PED	7	640669	6973611	6/23/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Birch Forest	Grass Cover	Good	Rocky	Rocky Terrain
1023514	PED	7	640708	6973642	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Pine	Grass Cover	Excellent	Rocky Terrain	
1023515	PED	7	640753	6973666	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Thin Moss Cover	Excellent	Sandy	
1023516	PED	7	640781	6973708	6/23/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	Pine	Grass Cover	Excellent	Sandy	
1023517	PED	7	640807	6973752	6/23/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Mud	Rocky Terrain
1023518	PED	7	640833	6973798	6/23/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1023519	PED	7	640865	6973838	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Birch Forest	Grass Cover	Excellent	Clay	
1023520	PED	7	640897	6973880	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Pine	Grass Cover	Excellent	Sandy	
1023521	PED	7	640933	6973916	6/23/2011	Light Brown	Gravel	Dry	Pronounced Slope	70	C	Pine	Leaf Cover	Excellent	Clay	
1023522	PED	7	640960	6973960	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Pine	Grass Cover	Excellent	Clay	
1023523	PED	7	640997	6973999	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Pine	Leaf Cover	Excellent	Sandy	
1023524	PED	7	641028	6974047	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Pine	Grass Cover	Excellent	Sandy	
1023525	PED	7	641069	6974076	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Pine	Grass Cover	Excellent	Clay	
1023526	PED	7	641113	6974105	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	B	Pine	Grass Cover	Excellent	Clay	
1023527	PED	7	641157	6974131	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	B	Pine	Grass Cover	Excellent	Clay	
1023528	PED	7	641202	6974157	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Grass Cover	Excellent	Sandy	
1023529	PED	7	641244	6974187	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Grass Cover	Excellent	Sandy	
1023530	PED	7	641292	6974216	6/23/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Pine	Grass Cover	Excellent	Sandy	
1023531	PED	7	641340	6974236	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Pine	Grass Cover	Excellent	Rocky Terrain	
1023532	PED	7	641340	6974236	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Pine	Grass Cover	Excellent	Rocky Terrain	
1023533	PED	7	641389	6974263	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Birch Forest	Grass Cover	Excellent	Rocky Terrain	
1023534	PED	7	641389	6974263	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Birch Forest	Grass Cover	Excellent	Rocky Terrain	
1023551	PED	7	634027	6973382	6/24/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	B	Birch Forest	Leaf Cover	Good	Sandy	
1023552	PED	7	633999	6973339	6/24/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Clay	
1023553	PED	7	634003	6973289	6/24/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Clay	
1023554	PED	7	633986	6973242	6/24/2011	Grey	Gravel	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Good	Clay	
1023555	PED	7	633977	6973192	6/24/2011	Pale Greenish	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	Sandy
1023556	PED	7	633963	6973144	6/24/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sandy	
1023557	PED	7	633954	6973095	6/24/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Thin Moss Cover	Excellent	Sandy	Dull Red Rust
1023558	PED	7	633943	6973045	6/24/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1023559	PED	7	633934	6972994	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Good	Sandy	
1023560	PED	7	633945	6972945	6/24/2011	Dark Grey Black	Sand	Dry	Subtle Slope	80	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sandy	
1023561	PED	7	633956	6972895	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Good	Clay	
1023562	PED	7	633953	6972845	6/24/2011	Dark Blue Black	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1023563	PED	7	633969	6972798	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1023564	PED	7	633960	6972746	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	
1023565	PED	7	633951	6972697	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Clay	
1023566	PED	7	633968	6972651	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Birch Forest	Leaf Cover	Good	Fine	
1023567	PED	7	633965	6972601	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sandy	
1023568	PED	7	633964	6972550	6/24/2011	Light Bluish Grey	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1023569	PED	7	633971	6972498	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Sandy	
1023570	PED	7	633986	6972450	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Sandy	
1023571	PED	7	633986	6972399	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Sandy	
1023572	PED	7	633976	6972347	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	80	B	Birch Forest	Leaf Cover	Poor	Clay	
1023573	PED	7	633995	6972300	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Excellent	Coarse	
1023574	PED	7	634009	6972251	6/24/2011	Chocolate Brown	Gravel	Dry	Steep	60	C	Poplar	Grass Cover	Excellent	Coarse	
1023575	PED	7	634018	6972199	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	
1023576	PED	7	634019	6972149	6/24/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sandy	
1023577	PED	7	634008	6972100	6/24/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sandy	
1023578	PED	7	633989	6972051	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Sandy	
1023579	PED	7	633983	6971998	6/24/2011	Dark Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Sandy	
1023580	PED	7	633961	6971950	6/24/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Clay	
1023581	PED	7	633942	6971902	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Clay	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1023582	PED	7	633922	6971854	6/24/2011	Dark Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Sandy	
1023583	PED	7	633922	6971854	6/24/2011	Dark Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Sandy	
1023601	PED	7	639856	6974646	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Clay
1023602	PED	7	639906	6974659	6/23/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	
1023603	PED	7	639953	6974675	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Excellent	Fine	Sandy
1023604	PED	7	640003	6974684	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1023605	PED	7	640053	6974695	6/23/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1023606	PED	7	640101	6974697	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sandy	
1023607	PED	7	640150	6974703	6/23/2011	Grey	Sand	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sandy	
1023608	PED	7	640200	6974699	6/23/2011	Reddish Brown	Gravel	Damp	Subtle Slope	30	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1023609	PED	7	640253	6974695	6/23/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Pine	Needle Cover	Good	Coarse	
1023610	PED	7	640300	6974713	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1023611	PED	7	640340	6974743	6/23/2011	Grey	Gravel	Damp	Subtle Slope	50	C	Birch Forest	Thin Moss Cover	Good	Clay	
1023612	PED	7	640389	6974740	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Birch Forest	Thin Moss Cover	Good	Clay	
1023613	PED	7	640439	6974733	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Clay	
1023614	PED	7	640484	6974711	6/23/2011	Grey	Sand	Dry	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sandy	
1023615	PED	7	640530	6974690	6/23/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1023616	PED	7	640578	6974673	6/23/2011	Chocolate Brown	Sand	Dry	Flat	30	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1023617	PED	7	640628	6974663	6/23/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sandy	
1023618	PED	7	640678	6974648	6/23/2011	Dark Brown	Gravel	Dry	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sandy	
1023619	PED	7	640727	6974657	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sandy	
1023620	PED	7	640777	6974660	6/23/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1023621	PED	7	640826	6974647	6/23/2011	Chocolate Brown	Gravel	Damp	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1023622	PED	7	640876	6974651	6/23/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Rocky	
1023623	PED	7	640926	6974651	6/23/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Rocky	
1023624	PED	7	640972	6974675	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023625	PED	7	641025	6974689	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Pine	Sphagnum Moss < 30cm	Excellent	Sandy	
1023626	PED	7	641078	6974694	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1023627	PED	7	641130	6974703	6/23/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	80	C	Pine	Needle Cover	Excellent	Sandy	
1023628	PED	7	641130	6974703	6/23/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	80	C	Pine	Needle Cover	Excellent	Sandy	
1023629	PED	7	641184	6974709	6/23/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Sandy	
1023630	PED	7	641238	6974714	6/23/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Excellent	Sandy	
1023631	PED	7	641289	6974723	6/23/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Sandy	
1023632	PED	7	641344	6974728	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sandy	
1023633	PED	7	641393	6974733	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sandy	
1023634	PED	7	641442	6974743	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Pine	Needle Cover	Excellent	Sandy	
1023635	PED	7	641442	6974743	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Pine	Needle Cover	Excellent	Sandy	
1023651	PED	7	641460	6973252	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1023652	PED	7	641460	6973252	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1023653	PED	7	641506	6973232	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Bare Soil	Good		
1023654	PED	7	641551	6973212	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Bright Orange Rust	Coarse
1023655	PED	7	641599	6973201	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Fine	
1023658	PED	7	641739	6973145	6/23/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	80	C	Black Spruce	Grass Cover	Excellent	Fine	
1023659	PED	7	641784	6973125	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Needle Cover	Good	Rocky	
1023660	PED	7	641833	6973118	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Grass Cover	Good	Rocky Sample	
1023661	PED	7	641879	6973099	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Grass Cover	Good	Rocky	
1023662	PED	7	641928	6973092	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Pine	Needle Cover	Good	Rocky	
1023663	PED	7	641979	6973095	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Needle Cover	Good	Rocky Sample	
1023664	PED	7	632835	6971888	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Leaf Cover	Good	Coarse	Rocky
1023665	PED	7	632803	6971849	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Sandy	
1023666	PED	7	632784	6971803	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Birch Forest	Leaf Cover	Poor	Rocky Sample	
1023667	PED	7	632774	6971754	6/24/2011	Dark Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1023668	PED	7	632755	6971707	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1023669	PED	7	632720	6971671	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Good	Rocky	
1023670	PED	7	632684	6971635	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Rocky	
1023671	PED	7	632692	6971586	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Leaf Cover	Good	Sandy	Rocky Sample
1023672	PED	7	632689	6971536	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent		
1023673	PED	7	632705	6971488	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Leaf Cover	Poor	Sandy	
1023674	PED	7	632715	6971438	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Needle Cover	Good	Rocky	
1023675	PED	7	632715	6971389	6/24/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	Poplar	Leaf Cover	Good	Rocky	Talus
1023676	PED	7	632720	6971339	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent		
1023677	PED	7	632713	6971289	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023678	PED	7	632707	6971239	6/24/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Sphagnum Moss < 30cm	Good		
1023679	PED	7	632705	6971189	6/24/2011	Chocolate Brown	Clay	Dry	Flat	80	C	Dwarf Birch	Leaf Cover	Good	Sandy	Rocky
1023680	PED	7	632695	6971140	6/24/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Needle Cover	Good	Sandy	
1023681	PED	7	632702	6971090	6/24/2011	Chocolate Brown	Clay	Dry	Flat	50	C	Dwarf Birch	Leaf Cover	Good	Sandy	
1023682	PED	7	632688	6971042	6/24/2011	Chocolate Brown	Clay	Dry	Flat	40	B	Poplar	Leaf Cover	Good	Sandy	Rocky
1023683	PED	7	632688	6970993	6/24/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Poplar	Leaf Cover	Poor	Sandy	
1023684	PED	7	632681	6970943	6/24/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Dwarf Birch	Leaf Cover	Excellent		
1023685	PED	7	632698	6970897	6/24/2011	Chocolate Brown	Clay	Dry	Flat	70	C	Dwarf Birch	Leaf Cover	Good	Sandy	Rocky Sample
1023686	PED	7	632718	6970850	6/24/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1023687	PED	7	632731	6970801	6/24/2011	Chocolate Brown	Clay	Dry	Flat	40	B	Dwarf Birch	Leaf Cover	Good	Sandy	
1023688	PED	7	632731	6970751	6/24/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1023689	PED	7	632735	6970702	6/24/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Sandy	Rocky
1023690	PED	7	632740	6970652	6/24/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	Birch Forest	Leaf Cover	Poor	Rocky	
1023691	PED	7	632748	6970603	6/24/2011	Chocolate Brown	Clay	Dry	Flat	40	B	Birch Forest	Leaf Cover	Poor	Rocky	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1023692	PED	7	632757	6970553	6/24/2011	Chocolate Brown	Clay	Dry	Subtle Slope	30	B	Birch Forest	Leaf Cover	Good	Sandy	Rocky Terrain
1023693	PED	7	632750	6970503	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	
1023694	PED	7	632759	6970454	6/24/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	Dwarf Birch	Leaf Cover	Good	Sandy	Rocky Sample
1023695	PED	7	632765	6970405	6/24/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Leaf Cover	Poor		
1023696	PED	7	632766	6970355	6/24/2011	Grey	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1023697	PED	7	632770	6970304	6/24/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	Dwarf Birch	Leaf Cover	Good	Sandy	
1023701	PED	7	632860	6971882	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Sandy	
1023702	PED	7	632890	6971842	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Clay	
1023703	PED	7	632918	6971801	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Clay	
1023704	PED	7	632958	6971768	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Rocky	
1023705	PED	7	632996	6971737	6/24/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	60	B	Poplar	Leaf Cover	Excellent	Sandy	
1023706	PED	7	633025	6971696	6/24/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	80	B	Poplar	Leaf Cover	Good	Rocky Terrain	
1023707	PED	7	633051	6971654	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Excellent	Clay	
1023708	PED	7	633095	6971627	6/24/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sandy	
1023709	PED	7	633134	6971597	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	B	Poplar	Leaf Cover	Excellent	Clay	
1023710	PED	7	633157	6971553	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sandy	
1023711	PED	7	633180	6971509	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Excellent	Sandy	
1023712	PED	7	633207	6971467	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Excellent	Rocky Terrain	
1023713	PED	7	633230	6971423	6/24/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Good	Rocky Terrain	
1023714	PED	7	633246	6971374	6/24/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Good	Rocky Terrain	
1023715	PED	7	633276	6971333	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Clay	
1023716	PED	7	633286	6971285	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	Poplar	Leaf Cover	Excellent	Clay	
1023717	PED	7	633321	6971251	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Leaf Cover	Excellent	Clay	
1023718	PED	7	633327	6971202	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Excellent	Sandy	
1023719	PED	7	633360	6971164	6/24/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	Poplar	Leaf Cover	Good	Rocky Terrain	
1023720	PED	7	633379	6971119	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Excellent	Rocky Terrain	
1023721	PED	7	633412	6971080	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1023722	PED	7	633440	6971039	6/24/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Poplar	Grass Cover	Good	Clay	
1023723	PED	7	633483	6971014	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Excellent	Rusty Rock Chip	
1023724	PED	7	633522	6970984	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Clay	
1023725	PED	7	633563	6970954	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Excellent	Rocky Terrain	
1023726	PED	7	633563	6970954	6/24/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Excellent	Rocky Terrain	
1023727	PED	7	633593	6970915	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sandy	
1023728	PED	7	633593	6970915	6/24/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Small Sample	
1023729	PED	7	633640	6970893	6/24/2011	Dark Blue Black	Sand	Damp	Pronounced Slope	50	B	Poplar	Grass Cover	Excellent	Clay	
1023730	PED	7	633640	6970893	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Excellent	Clay	
1023731	PED	7	633680	6970862	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sandy	
1023732	PED	7	633680	6970862	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sandy	
1023752	PED	7	639803	6974604	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1023753	PED	7	639810	6974654	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Good	Rocky	
1023754	PED	7	639820	6974703	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Good	Coarse	
1023755	PED	7	639820	6974753	6/23/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1023756	PED	7	639850	6974795	6/23/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good		
1023757	PED	7	639864	6974844	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1023758	PED	7	639885	6974891	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss > 30cm	Excellent	Coarse	
1023759	PED	7	639887	6974941	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023760	PED	7	639900	6974990	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1023761	PED	7	639905	6975040	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023762	PED	7	639924	6975088	6/23/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1023763	PED	7	639951	6975131	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1023764	PED	7	639959	6975182	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023765	PED	7	639974	6975232	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1023766	PED	7	640010	6975266	6/23/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1023767	PED	7	640029	6975312	6/23/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1023768	PED	7	640029	6975312	6/23/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1023769	PED	7	640052	6975358	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1023770	PED	7	640083	6975397	6/23/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1023771	PED	7	640112	6975438	6/23/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	90	C	Birch Forest	Thin Moss Cover	Good	Dull Red Rust	
1023772	PED	7	640143	6975478	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sandy	
1023773	PED	7	640178	6975513	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Dull Red Rust	Coarse
1023774	PED	7	640224	6975532	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1023775	PED	7	640265	6975564	6/23/2011	Bluish Grey	Silt	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	
1023776	PED	7	640308	6975591	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Coarse	
1023777	PED	7	640358	6975598	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023778	PED	7	640387	6975639	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Sample
1023779	PED	7	640430	6975668	6/23/2011	Dark Grey Black	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1023780	PED	7	640463	6975706	6/23/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023781	PED	7	640492	6975747	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1023782	PED	7	640519	6975789	6/23/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	
1023783	PED	7	640550	6975829	6/23/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1023784	PED	7	640580	6975870	6/23/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss > 30cm	Good	Rocky Terrain	
1023785	PED	7	640616	6975904	6/23/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1023786	PED	7	632075	6969994	6/24/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1023787	PED	7	632125	6969999	6/24/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Good	Rocky Sample	Coarse
1023788	PED	7	632210	6970048	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1023789	PED	7	632260	6970057	6/24/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Outcrop Nearby

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1023790	PED	7	632305	6970079	6/24/2011	Chocolate Brown	Sand	Damp	Flat	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1023791	PED	7	632354	6970090	6/24/2011	Chocolate Brown	Sand	Damp	Flat	60	C	White Spruce	Leaf Cover	Excellent	Coarse	
1023792	PED	7	632399	6970112	6/24/2011	Chocolate Brown	Silt	Damp	Flat	70	C	White Spruce	Leaf Cover	Good	Sandy	
1023793	PED	7	632447	6970126	6/24/2011	Chocolate Brown	Silt	Dry	Flat	70	C	White Spruce	Leaf Cover	Good	Dull Red Rust	Coarse
1023794	PED	7	632494	6970144	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	
1023795	PED	7	632542	6970160	6/24/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample	
1023796	PED	7	632593	6970168	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1023797	PED	7	632643	6970172	6/24/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sandy	
1023798	PED	7	632692	6970166	6/24/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Poor	Mud	
1023799	PED	7	632787	6970143	6/24/2011	Chocolate Brown	Sand	Damp	Steep	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Outcrop Nearby
1023800	PED	7	632817	6970103	6/24/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	
1023801	PED	7	638729	6972976	6/21/2011	Chocolate Brown	Sand	Dry	Steep	30	B	Poplar	Grass Cover	Good	Transported Soil	Big Round Boulders
1023802	PED	7	638727	6972915	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sand	
1023803	PED	7	638727	6972915	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sand	
1023809	PED	7	639363	6973982	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1023810	PED	7	639329	6974019	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Alders	Reindeer Moss	Good	Sand	
1023811	PED	7	639293	6974054	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Reindeer Moss	Good	Coarse	Rocky
1023812	PED	7	639275	6974101	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Alders	Reindeer Moss	Good	Sand	Rocky
1023813	PED	7	639306	6974142	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	Alders	Reindeer Moss	Good	Sand	Rocky
1023814	PED	7	639348	6974168	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Alders	Reindeer Moss	Poor	Rocky	
1023815	PED	7	639390	6974194	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Reindeer Moss	Good	Rocky	
1023816	PED	7	639435	6974220	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Alders	Reindeer Moss	Good	Rocky	
1023817	PED	7	639478	6974246	6/21/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Birch Forest	Leaf Cover	Good	Sand	Rocky
1023818	PED	7	639509	6974285	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Alders	Reindeer Moss	Good	Rocky	Fine
1023819	PED	7	639556	6974302	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Reindeer Moss	Good	Coarse	Rocky
1023820	PED	7	639595	6974333	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Thin Moss Cover	Good	Coarse	Rocky
1023821	PED	7	639595	6974333	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Thin Moss Cover	Good	Coarse	Rocky
1023822	PED	7	639627	6974372	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Rocky	
1023823	PED	7	639660	6974410	6/21/2011	Chocolate Brown	Clay	Dry	Flat	40	B	Birch Forest	Reindeer Moss	Good	Sand	Rocky
1023824	PED	7	639700	6974441	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Leaf Cover	Good	Coarse	Rocky
1023825	PED	7	639745	6974467	6/21/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Alders	Thin Moss Cover	Good	Coarse	Rocky
1023826	PED	7	639784	6974500	6/21/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Reindeer Moss	Good	Coarse	Rocky
1023827	PED	7	639820	6974536	6/21/2011	Grey	Sand	Dry	Flat	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Clay	Rocky
1023828	PED	7	639843	6974581	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1023829	PED	7	640446	6973447	6/22/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	
1023830	PED	7	640495	6973456	6/23/2011	Greyish Green	Gravel	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky Terrain	
1023831	PED	7	640544	6973465	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Pine	Sphagnum Moss < 30cm	Good	Rocky Sample	
1023832	PED	7	640580	6973501	6/23/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	Pine	Thin Moss Cover	Good	Rocky Sample	
1023833	PED	7	640628	6973508	6/23/2011	Chocolate Brown	Clay	Dry	Flat	50	C	Birch Forest	Leaf Cover	Good	Sandy	
1023834	PED	7	640678	6973515	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky	
1023835	PED	7	640727	6973520	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023836	PED	7	640777	6973526	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1023837	PED	7	640826	6973518	6/23/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1023838	PED	7	640872	6973498	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1023839	PED	7	640922	6973489	6/23/2011	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky Sample	
1023840	PED	7	640961	6973461	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent	Rocky	
1023841	PED	7	641005	6973437	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Fine	
1023842	PED	7	641039	6973400	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Fine	
1023843	PED	7	641084	6973379	6/23/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1023844	PED	7	641129	6973357	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent		
1023845	PED	7	641179	6973351	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample	
1023846	PED	7	641228	6973339	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good		
1023847	PED	7	641275	6973320	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023848	PED	7	641324	6973310	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023849	PED	7	641364	6973280	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023850	PED	7	641413	6973270	6/23/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Rocky Sample	
1023851	PED	7	644192	6971093	6/11/2011	Light Brown	Silt	Dry	Steep	30	B	Poplar	Grass Cover	Good	Rocky	
1023852	PED	7	644218	6971140	6/11/2011	Light Brown	Silt	Dry	Steep	60	B	Poplar	Grass Cover	Poor	Transported Soil	Loess
1023853	PED	7	644246	6971184	6/11/2011	Chocolate Brown	Silt	Dry	Steep	50	B	Poplar	Grass Cover	Good	Rocky	
1023854	PED	7	644281	6971223	6/11/2011	Chocolate Brown	Gravel	Dry	Steep	30	C	Poplar	Grass Cover	Good	Sand	
1023855	PED	7	644310	6971267	6/11/2011	Chocolate Brown	Silt	Dry	Steep	30	B	Poplar	Grass Cover	Poor	Loess	
1023856	PED	7	644315	6971320	6/11/2011	Bluish Grey	Silt	Dry	Steep	50	B	Poplar	Grass Cover	Poor	Loess	
1023856	PED	7	644315	6971320	6/11/2011	Bluish Grey	Silt	Dry	Steep	50	B	Poplar	Grass Cover	Poor	Loess	
1023857	PED	7	644339	6971363	6/11/2011	Grey	Gravel	Dry	Steep	30	B	White Spruce	Grass Cover	Good	Rocky	
1023857	PED	7	644339	6971363	6/11/2011	Grey	Gravel	Dry	Steep	30	B	White Spruce	Grass Cover	Good	Rocky	
1023858	PED	7	644368	6971412	6/11/2011	Chocolate Brown	Silt	Dry	Steep	60	B	Poplar	Grass Cover	Good	Sand	
1023859	PED	7	644396	6971456	6/11/2011	Light Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Rocky	
1023860	PED	7	644435	6971495	6/11/2011	Light Brown	Gravel	Damp	Steep	50	C	Poplar	Grass Cover	Good	Clay	
1023861	PED	7	644464	6971539	6/11/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1023862	PED	7	644483	6971586	6/11/2011	Chocolate Brown	Gravel	Dry	Steep	30	B	Poplar	Grass Cover	Good	Clay	
1023863	PED	7	644520	6971623	6/11/2011	Dark Brown	Sand	Dry	Steep	30	C	Poplar	Grass Cover	Good	Sand	
1023864	PED	7	644557	6971659	6/11/2011	Light Brown	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Excellent	Fine	
1023865	PED	7	644592	6971705	6/11/2011	Chocolate Brown	Silt	Damp	Steep	30	B	Poplar	Grass Cover	Good	Sand	
1023866	PED	7	644621	6971750	6/11/2011	Light Brown	Gravel	Damp	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Clay	
1023867	PED	7	644648	6971854	6/11/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sand	
1023868	PED	7	644663	6971905	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1023869	PED	7	644637	6971797	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sand	
1023870	PED	7	644683	6971957	6/11/2011	Grey	Clay	Damp	Pronounced Slope	110	B	Poplar	Grass Cover	Poor	Sand	
1023871	PED	7	644702	6972003	6/11/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Poplar	Grass Cover	Excellent	Sand	
1023872	PED	7	644728	6972048	6/11/2011	Light Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1023873	PED	7	644757	6972088	6/11/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Clay	
1023874	PED	7	644799	6972180	6/11/2011	Grey	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1023875	PED	7	644784	6972131	6/11/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Rocky	
1023876	PED	7	637717	6974788	6/21/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Partially Frozen
1023877	PED	7	637695	6974836	6/21/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1023878	PED	7	637692	6974886	6/21/2011	Light Brown	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Clay
1023879	PED	7	637679	6974935	6/21/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1023880	PED	7	637662	6974983	6/21/2011	Light Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1023881	PED	7	637657	6975032	6/21/2011	Light Grey	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1023882	PED	7	637940	6974270	6/21/2011	Grey	Silt	Damp	Pronounced Slope	70	B	Poplar	Grass Cover	Good	Sand	
1023883	PED	7	637966	6974226	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1023884	PED	7	637997	6974186	6/21/2011	Light Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Sand	
1023885	PED	7	638025	6974142	6/21/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1023886	PED	7	638076	6974049	6/21/2011	Light Brown	Silt	Dry	Steep	60	C	Poplar	Grass Cover	Good	Rocky	
1023887	PED	7	638055	6974098	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Small Sample
1023888	PED	7	638274	6973636	6/21/2011	Light Brown	Sand	Damp	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1023889	PED	7	638274	6973636	6/21/2011	Light Brown	Sand	Damp	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1023890	PED	7	638258	6973683	6/21/2011	Chocolate Brown	Gravel	Wet	Steep	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1023891	PED	7	638238	6973730	6/21/2011	Light Brown	Gravel	Dry	Steep	30	C	Poplar	Grass Cover	Good	Rocky	
1023892	PED	7	638211	6973772	6/21/2011	Chocolate Brown	Silt	Dry	Steep	30	B	Poplar	Grass Cover	Good	Rocky	
1023893	PED	7	638175	6973866	6/21/2011	Dark Olivine Green	Sand	Dry	Steep	110	C	Poplar	Leaf Cover	Excellent	Sand	Fine
1023894	PED	7	638175	6973866	6/21/2011	Dark Olivine Green	Sand	Dry	Steep	110	C	Poplar	Leaf Cover	Excellent	Sand	Fine
1023895	PED	7	638154	6973914	6/21/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1023896	PED	7	638131	6973960	6/21/2011	Reddish Brown	Gravel	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1023897	PED	7	638106	6974004	6/21/2011	Light Brown	Gravel	Dry	Steep	40	C	Poplar	Grass Cover	Good	Sand	
1023898	PED	7	638195	6973821	6/21/2011	Chocolate Brown	Gravel	Dry	Steep	60	B	Poplar	Grass Cover	Good	Rocky	
1023899	PED	7	638296	6973525	6/21/2011	Grey	Gravel	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1023900	PED	7	638284	6973579	6/21/2011	Chocolate Brown	Gravel	Dry	Steep	40	C	Poplar	Grass Cover	Good	Rocky	
1023901	PED	7	640089	6968628	6/7/2011	Chocolate Brown	Gravel	Dry	Flat	50	C	Alders	Leaf Cover	Excellent	Fine	Rocky
1023902	PED	7	640119	6968723	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1023903	PED	7	640120	6968773	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1023904	PED	7	640111	6968673	6/7/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Black Spruce	Leaf Cover	Good	Coarse	Rocky
1023905	PED	7	640126	6968824	6/7/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1023906	PED	7	640139	6968874	6/7/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Birch Forest	Leaf Cover	Excellent	Quartz Chips	Rocky
1023907	PED	7	640149	6968923	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Rocky	
1023908	PED	7	640141	6968973	6/7/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Alders	Leaf Cover	Excellent	Coarse	
1023909	PED	7	640135	6969023	6/7/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Coarse	
1023910	PED	7	640166	6969062	6/7/2011	Chocolate Brown	Sand	Dry	Flat	30	C	Alders	Leaf Cover	Good	Coarse	Rocky
1023911	PED	7	640174	6969112	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	Poplar	Leaf Cover	Good	Rocky	
1023912	PED	7	640440	6969498	6/7/2011	Dark Brown	Sand	Dry	Subtle Slope	30	B	Alders	Thin Moss Cover	Good	Rocky	
1023913	PED	7	640440	6969498	6/7/2011	Dark Brown	Sand	Dry	Subtle Slope	30	B	Alders	Thin Moss Cover	Good	Rocky	
1023914	PED	7	640180	6969161	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1023915	PED	7	640182	6969211	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Alders	Leaf Cover	Good	Rocky	
1023916	PED	7	640194	6969261	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Alders	Grass Cover	Good	Coarse	Rocky
1023918	PED	7	640209	6969310	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1023919	PED	7	640241	6969350	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Clay	
1023920	PED	7	640279	6969386	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Alders	Leaf Cover	Good	Coarse	
1023921	PED	7	640318	6969419	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Alders	Leaf Cover	Good	Rocky	
1023922	PED	7	640367	6969431	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Alders	Thin Moss Cover	Good	Rocky	
1023923	PED	7	640401	6969468	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Leaf Cover	Good	Rocky	
1023924	PED	7	640473	6969537	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Alders	Leaf Cover	Good	Rocky	
1023925	PED	7	640504	6969577	6/7/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sand	
1023926	PED	7	640603	6970113	6/7/2011	Chocolate Brown	Clay	Dry	Subtle Slope	20	C	Alders	Thin Moss Cover	Good	Sand	
1023927	PED	7	640598	6970063	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Alders	Leaf Cover	Good	Rocky	
1023928	PED	7	640591	6970014	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Bare Soil	Good	Coarse	
1023929	PED	7	640599	6969965	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Black Spruce	Reindeer Moss	Good	Coarse	
1023930	PED	7	640592	6969914	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Alders	Reindeer Moss	Good	Rocky	
1023931	PED	7	640579	6969864	6/7/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Rocky	
1023932	PED	7	640595	6969817	6/7/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1023933	PED	7	640599	6969767	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Good	Rocky	Coarse
1023934	PED	7	640342	6977773	6/10/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1023935	PED	7	640316	6977730	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Leaf Cover	Good	Sand	
1023936	PED	7	640295	6977685	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Bare Soil	Good	Fine	
1023937	PED	7	640257	6977650	6/10/2011	Reddish Brown	Gravel	Dry	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1023938	PED	7	640212	6977626	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Coarse	
1023939	PED	7	640163	6977612	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Subalpine Fir	Reindeer Moss	Good	Fine	
1023940	PED	7	640163	6977612	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Good	Fine	
1023941	PED	7	640125	6977579	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Sand	
1023942	PED	7	640104	6977533	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Subalpine Fir	Bare Soil	Good	Coarse	
1023943	PED	7	640070	6977496	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Subalpine Fir	Bare Soil	Good	Fine	
1023944	PED	7	640062	6977446	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Bare Soil	Excellent	Coarse	
1023945	PED	7	640036	6977403	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1023946	PED	7	640005	6977363	6/10/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Rock Cover	Good	Sand	
1023947	PED	7	639967	6977329	6/10/2011	Chocolate Brown	Sand	Dry	Steep	50	B	Poplar	Grass Cover	Good	Rocky	
1023948	PED	7	639926	6977300	6/10/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Poplar	Grass Cover	Good	Rocky	
1023949	PED	7	639901	6977254	6/10/2011	Dark Brown	Sand	Dry	Steep	40	B	Poplar	Grass Cover	Good	Rocky	
1023950	PED	7	639878	6977231	6/10/2011	Dark Brown	Sand	Dry	Steep	70	C	Poplar	Grass Cover	Excellent	Coarse	
1023963	PED	7	633794	6969031	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1023964	PED	7	633779	6969080	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Clay	
1023965	PED	7	633769	6969126	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Clay	
1023966	PED	7	633769	6969126	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Clay	
1023967	PED	7	633743	6969171	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Clay	
1023968	PED	7	633720	6969224	6/4/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	80	B	Poplar	Leaf Cover	Good	Transported Soil	
1023969	PED	7	633701	6969271	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Clay	
1023970	PED	7	633716	6969319	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Sand	
1023971	PED	7	633711	6969368	6/4/2011	Chocolate Brown	Sand	Dry	Steep	30	C	Poplar	Sphagnum Moss < 30cm	Good	Clay	Big Round Boulders
1023972	PED	7	633703	6969419	6/4/2011	Chocolate Brown	Sand	Dry	Steep	30	C	Subalpine Fir	Leaf Cover	Good	Transported Soil	
1023973	PED	7	633688	6969466	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Transported Soil	
1023974	PED	7	633690	6969513	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Clay	Small Sample
1023975	PED	7	633691	6969566	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Clay	
1023976	PED	7	634664	6971534	6/5/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	20	C	Poplar	Leaf Cover	Excellent	Sand	Quartz Chips
1023977	PED	7	634697	6971572	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Rocky	
1026501	PED	7	614688	6979076	6/3/2011	Dark Brown	Sand	Wet	Pronounced Slope	30	C	Birch Forest	Sphagnum Moss > 30cm	Good	Rocky	Frozen
1026503	PED	7	614569	6978905	6/3/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Partially Frozen
1026505	PED	7	614458	6978725	6/3/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Thin Moss Cover	Good	Coarse	
1026506	PED	7	614458	6978725	6/3/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Thin Moss Cover	Good	Coarse	
1026507	PED	7	614386	6978656	6/3/2011	Dark Brown	Sand	Dry	Pronounced Slope	20	C	Poplar	Grass Cover	Good	Coarse	
1026508	PED	7	614335	6978572	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1026509	PED	7	614302	6978478	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Good	Coarse	Rocky
1026510	PED	7	614266	6978384	6/3/2011	Reddish Yellow	Sand	Dry	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1026511	PED	7	614232	6978283	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Fine	
1026512	PED	7	614203	6978242	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1026513	PED	7	614170	6978153	6/3/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1026514	PED	7	614132	6978065	6/3/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Good	Rocky	
1026515	PED	7	614050	6978004	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1026516	PED	7	613964	6977956	6/3/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Good	Rocky	
1026517	PED	7	613933	6977870	6/3/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1026518	PED	7	613897	6977836	6/3/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Rocky	
1026519	PED	7	609801	6979540	6/4/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1026520	PED	7	609796	6979491	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	B	Black Spruce	Thin Moss Cover	Good	Organic 10%	
1026521	PED	7	609719	6980067	6/4/2011	Dark Brown	Sand	Damp	Flat	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky
1026522	PED	7	609767	6979450	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1026523	PED	7	609733	6979414	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1026524	PED	7	609729	6979363	6/4/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Alders	Sphagnum Moss < 30cm	Good	Rocky	
1026525	PED	7	609747	6979316	6/4/2011	Pale Greenish	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1026526	PED	7	609761	6979267	6/4/2011	Dark Blue Black	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1026527	PED	7	609747	6979219	6/4/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Rocky	
1026528	PED	7	609702	6979969	6/4/2011	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1026529	PED	7	609707	6979918	6/4/2011	Dark Brown	Sand	Damp	Flat	40	B	Black Spruce	Thin Moss Cover	Good	Rocky	
1026530	PED	7	617452	6982444	6/5/2011	Reddish Brown	Sand	Damp	Flat	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1026531	PED	7	617545	6982483	6/5/2011	Reddish Orange	Sand	Damp	Flat	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1026532	PED	7	617607	6982535	6/5/2011	Reddish Orange	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1026533	PED	7	617595	6982601	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1026534	PED	7	617668	6982666	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1026535	PED	7	617750	6982717	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Clay	
1026536	PED	7	617794	6982738	6/5/2011	Reddish Yellow	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1026537	PED	7	617858	6982815	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	
1026538	PED	7	617886	6982916	6/5/2011	Reddish Brown	Sand	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	
1026539	PED	7	617898	6982964	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1026540	PED	7	617941	6983050	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky	
1026541	PED	7	618000	6983122	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1026542	PED	7	618019	6983212	6/5/2011	Reddish Yellow	Sand	Wet	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Rocky	Mud
1026543	PED	7	618101	6983264	6/5/2011	Reddish Yellow	Sand	Wet	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Mud	Rocky
1026544	PED	7	618134	6983387	6/5/2011	Reddish Brown	Sand	Wet	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	Clay
1026545	PED	7	618106	6983488	6/5/2011	Reddish Orange	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	Partially Frozen
1026546	PED	7	609806	6979589	6/4/2011	Light Brown	Sand	Dry	Flat	70	C	Alders	Sphagnum Moss < 30cm	Good	Sand	
1026547	PED	7	609810	6979639	6/4/2011	Chocolate Brown	Sand	Damp	Flat	20	B	Alders	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky
1026548	PED	7	609801	6979689	6/4/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1026549	PED	7	609697	6980020	6/4/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	
1026550	PED	7	609806	6979589	6/4/2011	Light Brown	Sand	Dry	Flat	70	C	Alders	Sphagnum Moss < 30cm	Good	Sand	
1026551	PED	7	631248	6972298	6/9/2011	Reddish Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	
1026552	PED	7	631223	6972343	6/9/2011	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	Black Spruce	Leaf Cover	Good	Fine	
1026553	PED	7	631190	6972382	6/9/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	
1026554	PED	7	631161	6972423	6/9/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1026555	PED	7	631142	6972469	6/9/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Fine	
1026556	PED	7	631125	6972516	6/9/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1026557	PED	7	631101	6972561	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Leaf Cover	Good	Fine	
1026558	PED	7	631082	6972607	6/9/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Thin Moss Cover	Excellent	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1026559	PED	7	631064	6972655	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Fine
1026560	PED	7	631045	6972701	6/9/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1026561	PED	7	622312	6975814	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Grass Cover	Excellent	Coarse	Quartz Chips
1026562	PED	7	622279	6975852	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good	Coarse	
1026563	PED	7	622242	6975888	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Excellent	Coarse	
1026564	PED	7	622209	6975927	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Good	Coarse	
1026565	PED	7	622171	6975963	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Coarse	
1026566	PED	7	622140	6976006	6/4/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	90	C	Poplar	Grass Cover	Good	Fine	
1026567	PED	7	622104	6976041	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1026568	PED	7	622068	6976076	6/4/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	C	Poplar	Grass Cover	Good	Coarse	
1026569	PED	7	622034	6976111	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1026570	PED	7	622350	6975781	6/4/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Coarse	
1026571	PED	7	623285	6972989	6/5/2011	Reddish Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Sphagnum Moss < 30cm	Poor	Transported Soil	Coarse
1026572	PED	7	623886	6978079	6/6/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Coarse	
1026573	PED	7	624329	6977247	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1026574	PED	7	631311	6977134	6/7/2011	Chocolate Brown	Clay	Wet	Subtle Slope	20	B	No Tree Cover	Reindeer Moss	Poor	Rocky	Organic 25%
1026575	PED	7	631482	6977033	6/7/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	C	No Tree Cover	Rock Cover	Good	Fine	
1026576	PED	7	631439	6977056	6/7/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	10	B	No Tree Cover	Rock Cover	Poor	Fine	Organic 10%
1026577	PED	7	631396	6977083	6/7/2011	Bluish Grey	Clay	Wet	Flat	50	C	No Tree Cover	Sphagnum Moss < 30cm	Poor	Fine	Wet Soil
1026578	PED	7	624405	6977180	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Grass Cover	Excellent	Coarse	
1026579	PED	7	623233	6973293	6/5/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	
1026580	PED	7	623217	6973166	6/5/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1026581	PED	7	623191	6973099	6/5/2011	Grey	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Leaf Cover	Good	Coarse	
1026584	PED	7	623191	6973099	6/5/2011	Grey	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Leaf Cover	Good	Coarse	
1026585	PED	7	623187	6973380	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1026586	PED	7	623148	6973462	6/5/2011	Reddish Brown	Silt	Damp	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1026587	PED	7	623132	6973558	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1026588	PED	7	623116	6973654	6/5/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1026589	PED	7	623093	6973756	6/5/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1026590	PED	7	623106	6973855	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1026592	PED	7	623347	6972871	6/5/2011	Reddish Brown	Sand	Wet	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1026593	PED	7	631976	6976319	6/7/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Poor	Clay	Partially Frozen
1026594	PED	7	631970	6976369	6/7/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	C	No Tree Cover	Reindeer Moss	Good	Coarse	
1026595	PED	7	631964	6976419	6/7/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	No Tree Cover	Reindeer Moss	Good	Coarse	
1026596	PED	7	631942	6976463	6/7/2011	Dark Blue Black	Silt	Damp	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Fine	Organic 25%
1026597	PED	7	631930	6976512	6/7/2011	Dark Blue Black	Silt	Damp	Pronounced Slope	20	B	No Tree Cover	Rock Cover	Poor	Small Sample	Organic 25%
1026598	PED	7	631879	6976598	6/7/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	No Tree Cover	Rock Cover	Poor	Organic 50%	Small Sample
1026599	PED	7	631857	6976643	6/7/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss > 30cm	Poor	Organic 10%	Small Sample
1026600	PED	7	631716	6976847	6/7/2011	Reddish Orange	Silt	Dry	Subtle Slope	50	C	No Tree Cover	Reindeer Moss	Good	Coarse	
1026602	PED	7	610807	6979061	6/4/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Rocky	
1026603	PED	7	611355	6978520	6/4/2011	Dark Brown	Sand	Wet	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Partially Frozen	Organic 10%
1026604	PED	7	611318	6978557	6/4/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Mud	
1026605	PED	7	611269	6978569	6/4/2011	Dark Brown	Sand	Wet	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Organic 25%
1026606	PED	7	611227	6978597	6/4/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Organic 50%
1026607	PED	7	611186	6978627	6/4/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Organic 10%
1026608	PED	7	611140	6978650	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Leaf Cover	Good	Rocky	
1026609	PED	7	611090	6978658	6/4/2011	Reddish Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1026610	PED	7	611043	6978675	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Black Spruce	Leaf Cover	Good	Rocky	
1026611	PED	7	610712	6984846	6/26/2011	Light Brown	Gravel	Damp	Flat	70	C	White Spruce	Thin Moss Cover	Excellent	Quartz Chips	Coarse
1026612	PED	7	611360	6978470	6/4/2011	Dark Brown	Sand	Wet	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Clay	
1026613	PED	7	611529	6978338	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1026614	PED	7	611489	6978370	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1026615	PED	7	611439	6978368	6/4/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Leaf Cover	Good	Rocky	
1026616	PED	7	611393	6978391	6/4/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1026617	PED	7	611352	6978420	6/4/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1026618	PED	7	612126	6984622	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Rocky	
1026619	PED	7	612080	6984645	6/6/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	Rocky
1026620	PED	7	612041	6984676	6/6/2011	Chocolate Brown	Silt	Damp	Flat	40	C	Old Burn	Burnt Moss	Good	Sand	
1026621	PED	7	611998	6984702	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1026622	PED	7	611957	6984729	6/6/2011	Pale Greenish	Sand	Dry	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Coarse	
1026623	PED	7	611918	6984760	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1026624	PED	7	611874	6984785	6/6/2011	Pale Greenish	Silt	Damp	Subtle Slope	60	B	Old Burn	Burnt Moss	Poor	Rocky	
1026625	PED	7	611834	6984814	6/6/2011	Greyish Green	Sand	Damp	Flat	30	C	Old Burn	Burnt Moss	Good	Rocky	
1026626	PED	7	630582	6979270	6/7/2011	Dark Grey Black	Sand	Wet	Subtle Slope	40	C	No Tree Cover	Burnt Moss	Good	Frozen	
1026627	PED	7	630550	6979309	6/7/2011	Dark Grey Black	Sand	Wet	Subtle Slope	50	C	No Tree Cover	Grass Cover	Good	Rocky	
1026628	PED	7	630517	6979347	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	40	C	No Tree Cover	Burnt Moss	Good	Rocky	
1026629	PED	7	630485	6979386	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	30	C	No Tree Cover	Burnt Moss	Good	Mud	
1026630	PED	7	630453	6979425	6/7/2011	Greyish Green	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Grass Cover	Good	Frozen	Small Sample
1026631	PED	7	630410	6979449	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	30	C	No Tree Cover	Burnt Moss	Good	Wet Soil	Rocky
1026632	PED	7	630309	6979460	6/7/2011	Dark Brown	Sand	Damp	Flat	30	C	No Tree Cover	Thin Moss Cover	Good	Frozen	
1026633	PED	7	630360	6979453	6/7/2011	Greyish Green	Sand	Damp	Flat	30	C	No Tree Cover	Grass Cover	Good	Rocky	
1026634	PED	7	627205	6974272	6/8/2011	Light Brown	Gravel	Wet	Subtle Slope	40	C	Alders	Sphagnum Moss < 30cm	Good	Partially Frozen	Wet Soil
1026635	PED	7	627232	6974314	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Coarse
1026636	PED	7	627259	6974357	6/8/2011	Grey	Sand	Wet	Subtle Slope	40	C	Alders	Sphagnum Moss < 30cm	Good	Partially Frozen	
1026637	PED	7	612942	6983784	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Sand	
1026638	PED	7	612914	6983825	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1026639	PED	7	612882	6983865	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Rocky	
1026640	PED	7	612861	6983910	6/6/2011	Greyish Green	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	
1026641	PED	7	612841	6983957	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Old Burn	Thin Moss Cover	Good	Rocky	
1026642	PED	7	612808	6983995	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Old Burn	Burnt Moss	Poor	Sand	Rocky
1026643	PED	7	612774	6984031	6/6/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Old Burn	Needle Cover	Poor	Sand	Rocky
1026644	PED	7	612758	6984078	6/6/2011	Greyish Green	Sand	Dry	Pronounced Slope	30	C	Old Burn	Needle Cover	Good	Coarse	
1026645	PED	7	612735	6984123	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Fine	
1026646	PED	7	635029	6968204	6/6/2011	Reddish Orange	Sand	Damp	Subtle Slope	30	B	Poplar	Leaf Cover	Poor	Clay	Small Sample
1026647	PED	7	635036	6968254	6/6/2011	Reddish Orange	Sand	Dry	Subtle Slope	70	C	Black Spruce	Leaf Cover	Good	Fine	
1026648	PED	7	635114	6968374	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Clay	
1026649	PED	7	635040	6968305	6/6/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	90	C	Poplar	Leaf Cover	Excellent	Clay	
1026650	PED	7	635077	6968338	6/6/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Good	Clay	
1026651	PED	7	618059	6983238	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Fine	
1026652	PED	7	618111	6983315	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Burnt Moss	Poor	Small Sample	
1026654	PED	7	618115	6983434	6/5/2011	Light Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Fine	
1026655	PED	7	618135	6983533	6/5/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	Old Burn	Burnt Moss	Good	Fine	
1026656	PED	7	618173	6983569	6/5/2011	Reddish Yellow	Sand	Wet	Flat	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1026657	PED	7	618070	6983682	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Top of Cliff	
1026658	PED	7	617973	6983719	6/5/2011	Dark Blue Black	Clay	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Clay	
1026659	PED	7	617896	6983780	6/5/2011	Reddish Yellow	Clay	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Clay	
1026660	PED	7	617811	6983819	6/5/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Coarse	
1026661	PED	7	609687	6977488	6/4/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Poplar	Leaf Cover	Poor	Partially Frozen	
1026662	PED	7	609739	6977499	6/4/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Poor	Partially Frozen	
1026663	PED	7	609785	6977517	6/4/2011	Dark Brown	Clay	Damp	Subtle Slope	20	B	Black Spruce	Thin Moss Cover	Poor	Partially Frozen	
1026664	PED	7	609827	6977542	6/4/2011	Reddish Yellow	Sand	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1026665	PED	7	609874	6977557	6/4/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Black Spruce	Thin Moss Cover	Good	Partially Frozen	
1026666	PED	7	609920	6977580	6/4/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Black Spruce	Thin Moss Cover	Poor	Frozen	
1026667	PED	7	609964	6977604	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Partially Frozen	
1026668	PED	7	609994	6977644	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Fine	
1026669	PED	7	610025	6977685	6/4/2011	Reddish Yellow	Silt	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1026670	PED	7	610765	6984759	6/26/2011	Reddish Yellow	Silt	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1026671	PED	7	633681	6979854	7/1/2011	Dark Blue Black	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen	Rocky Sample
1026673	PED	7	614262	6983551	6/6/2011	Dark Brown	Sand	Damp	Steep	40	B	Black Spruce	Thin Moss Cover	Good	Rocky	
1026674	PED	7	614285	6983644	6/6/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	40	B	Black Spruce	Thin Moss Cover	Good	Coarse	
1026675	PED	7	614306	6983742	6/6/2011	Bluish Grey	Silt	Damp	Pronounced Slope	100	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1026676	PED	7	614328	6983843	6/6/2011	Light Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1026677	PED	7	614353	6983944	6/6/2011	Dark Grey Black	Sand	Damp	Steep	20	C	Poplar	Thin Moss Cover	Good	Transported Soil	Rocky
1026678	PED	7	614356	6984036	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1026679	PED	7	614369	6984129	6/6/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Fine	
1026680	PED	7	614368	6984230	6/6/2011	Dark Brown	Sand	Damp	Subtle Slope	30	B	Poplar	Needle Cover	Good	Clay	
1026681	PED	7	614306	6984329	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1026682	PED	7	614255	6984419	6/6/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1026683	PED	7	617402	6982441	6/5/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Sand	
1026684	PED	7	617503	6982449	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	20	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen	
1026685	PED	7	617557	6982532	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1026686	PED	7	617612	6982524	6/5/2011	Dark Brown	Clay	Damp	Subtle Slope	20	B	Black Spruce	Thin Moss Cover	Poor	Partially Frozen	Small Sample
1026687	PED	7	617632	6982625	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	20	B	Black Spruce	Thin Moss Cover	Poor	Partially Frozen	
1026688	PED	7	617698	6982697	6/5/2011	Dark Brown	Clay	Damp	Flat	40	C	Black Spruce	Thin Moss Cover	Good	Clay	
1026689	PED	7	617820	6982771	6/5/2011	Reddish Orange	Silt	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1026690	PED	7	617877	6982857	6/5/2011	Reddish Brown	Sand	Damp	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Fine	Quartz Chips
1026691	PED	7	611321	6977853	6/5/2011	Chocolate Brown	Sand	Wet	Steep	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1026692	PED	7	617913	6983007	6/5/2011	Reddish Brown	Silt	Damp	Pronounced Slope	100	C	Subalpine Fir	Thin Moss Cover	Excellent	Quartz Chips	
1026693	PED	7	617971	6983077	6/5/2011	Reddish Brown	Clay	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Fine	
1026694	PED	7	618018	6983162	6/5/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1026757	PED	7	611321	6977853	6/4/2011	Chocolate Brown	Sand	Wet	Steep	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1026758	PED	7	616906	6984177	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Thin Moss Cover	Excellent	Rocky	Coarse
1026759	PED	7	616950	6984203	6/5/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1026760	PED	7	616950	6984203	6/5/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Rocky	Coarse
1026761	PED	7	616971	6984248	6/5/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	Poplar	Burnt Moss	Excellent	Rocky	Coarse
1026762	PED	7	617001	6984290	6/5/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	60	C	Poplar	Burnt Moss	Excellent	Coarse	Rocky
1026763	PED	7	617031	6984331	6/5/2011	Reddish Yellow	Sand	Damp	Subtle Slope	50	C	Poplar	Burnt Moss	Good	Rocky	Coarse
1026764	PED	7	611276	6977831	6/4/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1026765	PED	7	611134	6977797	6/4/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Organic 10%
1026766	PED	7	611059	6977734	6/4/2011	Chocolate Brown	Sand	Wet	Steep	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	
1026767	PED	7	610971	6977687	6/4/2011	Chocolate Brown	Sand	Wet	Steep	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1026768	PED	7	610928	6977661	6/4/2011	Dark Brown	Silt	Wet	Steep	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	
1026769	PED	7	610879	6977652	6/4/2011	Dark Brown	Sand	Wet	Steep	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1026770	PED	7	610829	6977647	6/4/2011	Dark Brown	Sand	Damp	Steep	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	
1026771	PED	7	610729	6977640	6/4/2011	Dark Brown	Sand	Wet	Steep	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Rocky
1026772	PED	7	610582	6977615	6/4/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Good	Partially Frozen	Fine
1026773	PED	7	610532	6977607	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1026774	PED	7	610483	6977599	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1026775	PED	7	614502	6977866	6/4/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Leaf Cover	Excellent	Coarse	
1026776	PED	7	610433	6977606	6/4/2011	Reddish Orange	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky
1026777	PED	7	610388	6977627	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1026778	PED	7	610343	6977648	6/4/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Organic 25%

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1026779	PED	7	610300	6977675	6/4/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1026780	PED	7	610257	6977704	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1026781	PED	7	610209	6977715	6/4/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Poor	Partially Frozen	Organic 10%
1026782	PED	7	610164	6977739	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Fine	
1026783	PED	7	616809	6984130	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Rocky	Coarse
1026784	PED	7	616761	6984114	6/5/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Birch Forest	Leaf Cover	Excellent	Rocky	Fine
1026785	PED	7	616710	6984108	6/5/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	C	Willows	Sphagnum Moss < 30cm	Poor	Wet Soil	Mud
1026786	PED	7	613452	6985394	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Poor	Organic 10%	
1026787	PED	7	613494	6985425	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	
1026789	PED	7	613525	6985466	6/6/2011	Light Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Thin Moss Cover	Good	Clay	Rocky
1026790	PED	7	613538	6985514	6/6/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	C	Old Burn	Grass Cover	Good	Rocky	Wet Soil
1026791	PED	7	613596	6985597	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	Old Burn	Burnt Moss	Excellent	Rocky	Coarse
1026792	PED	7	613639	6985625	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Rocky	Coarse
1026793	PED	7	613668	6985665	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Sand	Clay
1026794	PED	7	613720	6985753	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Black Spruce	Burnt Moss	Good	Rocky	
1026796	PED	7	613742	6985798	6/6/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1026797	PED	7	613772	6985839	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Needle Cover	Good	Rocky	
1026798	PED	7	613777	6985891	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Quartz Chips	
1026799	PED	7	613818	6985861	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Needle Cover	Good	Rocky	Fine
1026800	PED	7	613571	6985553	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Old Burn	Thin Moss Cover	Excellent	Rocky	Coarse
1026801	PED	7	624602	6976171	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	50	C	Poplar	Leaf Cover	Good	Rocky Sample	Rocky Terrain
1026802	PED	7	624573	6976130	6/6/2011	Dark Brown	Gravel	Dry	Steep	50	C	Poplar	Leaf Cover	Good	Rocky Terrain	Coarse
1026803	PED	7	624537	6976095	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	50	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1026804	PED	7	624502	6976059	6/6/2011	Chocolate Brown	Gravel	Dry	Steep	40	C	Poplar	Leaf Cover	Good	Sandy	Coarse
1026805	PED	7	629464	6978523	6/7/2011	Dark Grey Black	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Small Sample	Top layer
1026808	PED	7	629193	6978227	6/7/2011	Dark Brown	Silt	Wet	Subtle Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Small Sample	Frozen
1026809	PED	7	629153	6978196	6/7/2011	Dark Brown	Clay	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Small Sample	Mud
1026810	PED	7	629116	6978163	6/7/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Clay	Wet Soil
1026811	PED	7	631001	6972808	6/8/2011	Dark Grey Black	Sand	Dry	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1026812	PED	7	630928	6972572	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1026813	PED	7	630888	6972479	6/8/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Big Round Boulders
1026814	PED	7	630834	6972393	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Big Round Boulders	Coarse
1026815	PED	7	630781	6972306	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1026816	PED	7	630709	6972172	6/8/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1026817	PED	7	630660	6972082	6/8/2011	Bluish Grey	Gravel	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sand
1026818	PED	7	630730	6972218	6/8/2011	Chocolate Brown	Silt	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1026819	PED	7	630660	6972082	6/8/2011	Bluish Grey	Gravel	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sand
1026820	PED	7	623124	6973901	6/5/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Good	Frozen	
1026821	PED	7	623097	6973808	6/5/2011	Chocolate Brown	Silt	Dry	Subtle Slope	70	C	Black Spruce	Needle Cover	Good	Transported Soil	Fine
1026822	PED	7	623101	6973704	6/5/2011	Dark Brown	Silt	Dry	Subtle Slope	50	B	Birch Forest	Thin Moss Cover	Good	Fine	Small Sample
1026823	PED	7	623174	6973420	6/5/2011	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1026824	PED	7	623214	6973331	6/5/2011	Dark Grey Black	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Frozen	Small Sample
1026825	PED	7	623194	6973210	6/5/2011	Dark Blue Black	Silt	Dry	Subtle Slope	70	C	Poplar	Thin Moss Cover	Good	Fine	
1026826	PED	7	623218	6973058	6/5/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Birch Forest	Thin Moss Cover	Poor	Transported Soil	Big Round Boulders
1026827	PED	7	623329	6972904	6/5/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Poplar	Rock Cover	Good	Small Sample	Big Round Boulders
1026828	PED	7	623377	6972824	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Small Sample	Big Round Boulders
1026829	PED	7	623411	6972734	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	Poplar	Needle Cover	Good	Small Sample	Big Round Boulders
1026830	PED	7	630988	6972856	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1026831	PED	7	631428	6974705	6/8/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	No Tree Cover	Reindeer Moss	Excellent	Rocky	
1026832	PED	7	631339	6974660	6/8/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	C	No Tree Cover	Reindeer Moss	Excellent	Coarse	Rocky
1026833	PED	7	631268	6974591	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	No Tree Cover	Reindeer Moss	Good	Rocky	Organic 10%
1026834	PED	7	631210	6974509	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	No Tree Cover	Reindeer Moss	Excellent	Coarse	
1026835	PED	7	631152	6974428	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Good	Coarse	Big Round Boulders
1026836	PED	7	631091	6974346	6/8/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	No Tree Cover	Reindeer Moss	Excellent	Coarse	Mud
1026837	PED	7	623313	6972952	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Big Round Boulders
1026839	PED	7	623138	6973509	6/5/2011	Dark Grey Black	Silt	Dry	Subtle Slope	40	B	Birch Forest	Thin Moss Cover	Good	Fine	
1026840	PED	7	623143	6973611	6/5/2011	Dark Brown	Silt	Dry	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Fine	
1026841	PED	7	631972	6976002	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	No Tree Cover	Rock Cover	Good	Small Sample	Rocky
1026842	PED	7	631974	6976052	6/7/2011	Dark Grey Black	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Rock Cover	Good	Organic 25%	Rocky
1026843	PED	7	631992	6976252	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Rocky	Fine
1026844	PED	7	631977	6976102	6/7/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Rock Cover	Good	Rocky	Organic 10%
1026845	PED	7	631983	6976152	6/7/2011	Chocolate Brown	Sand	Dry	Flat	50	C	No Tree Cover	Thin Moss Cover	Excellent	Small Sample	Organic 10%
1026846	PED	7	631985	6976202	6/7/2011	Dark Grey Black	Sand	Damp	Flat	40	B	No Tree Cover	Thin Moss Cover	Good	Fine	Rocky
1026851	PED	7	631939	6975553	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover	Good	Small Sample	Partially Frozen
1026852	PED	7	631941	6975654	6/7/2011	Dark Grey Black	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Rock Cover	Good	Organic 25%	Partially Frozen
1026853	PED	7	631944	6975704	6/7/2011	Dark Grey Black	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover	Good	Rocky	Fine
1026854	PED	7	622000	6976569	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss > 30cm	Good	Transported Soil	
1026855	PED	7	621931	6976642	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	
1026856	PED	7	621880	6976721	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Bare Soil	Good	Rocky	Small Sample
1026858	PED	7	621784	6976837	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Bare Soil	Excellent	Rocky	
1026859	PED	7	621727	6976914	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Bare Soil	Good	Fine	
1026860	PED	7	621660	6976991	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Bare Soil	Poor	Fine	
1026861	PED	7	621605	6977002	6/5/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1026862	PED	7	621541	6977083	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Bare Soil	Excellent	Rocky	
1026863	PED	7	621446	6977111	6/5/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1026864	PED	7	621355	6977153	6/5/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Black Spruce	Thin Moss Cover	Good	Transported Soil	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1026865	PED	7	621272	6977212	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Needle Cover	Excellent	Coarse	
1026866	PED	7	621210	6977289	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Needle Cover	Excellent	Coarse	
1026867	PED	7	621168	6977377	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1026868	PED	7	621168	6977377	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1026869	PED	7	621113	6977463	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1026870	PED	7	621052	6977538	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Rocky	Coarse
1026871	PED	7	621009	6977629	6/5/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Black Spruce	Thin Moss Cover	Excellent	Rocky	Coarse
1026872	PED	7	620935	6977694	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Needle Cover	Excellent	Fine	Coarse
1026873	PED	7	620866	6977757	6/5/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1026874	PED	7	620834	6977797	6/5/2011	Light Brown	Sand	Dry	Flat	50	C	Black Spruce	Burnt Moss	Excellent	Coarse	
1026875	PED	7	620753	6977856	6/5/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Burnt Moss	Excellent	Coarse	
1026876	PED	7	620597	6977907	6/5/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Burnt Moss	Excellent	Coarse	
1026877	PED	7	620647	6977901	6/5/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	C	Black Spruce	Burnt Moss	Good	Fine	
1026878	PED	7	620399	6977866	6/5/2011	Chocolate Brown	Gravel	Dry	Flat	40	B	Black Spruce	Burnt Moss	Good	Rocky	Coarse
1026879	PED	7	615492	6983576	6/5/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Partially Frozen	Coarse
1026880	PED	7	615431	6983496	6/5/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1026881	PED	7	615401	6983406	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sand
1026883	PED	7	615382	6983216	6/5/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Gravel Bar	Rocky
1026884	PED	7	629608	6974695	6/8/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	B	Alders	Sphagnum Moss < 30cm	Poor	Sand	Small Sample
1026885	PED	7	615409	6983301	6/5/2011	Dark Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Sand	Gravel Bar
1026886	PED	7	629595	6974647	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Alders	Reindeer Moss	Good	Wet Soil	Partially Frozen
1026887	PED	7	615621	6983786	6/5/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Mud
1026888	PED	7	615672	6983861	6/5/2011	Chocolate Brown	Sand	Dry	Flat	70	C	White Spruce	Thin Moss Cover	Good	Sand	Clay
1026889	PED	7	615557	6983657	6/5/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sand
1026890	PED	7	614583	6982051	6/5/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1026901	PED	7	628404	6973046	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	20	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	Partially Frozen
1026902	PED	7	628365	6972953	6/5/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1026903	PED	7	628433	6973143	6/5/2011	Reddish Brown	Sand	Wet	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1026904	PED	7	628439	6973448	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1026905	PED	7	628433	6973249	6/5/2011	Reddish Orange	Gravel	Wet	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Rocky
1026906	PED	7	628456	6973547	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	20	B	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Mud
1026907	PED	7	630870	6978355	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	No Tree Cover	Reindeer Moss	Poor	Wet Soil	Small Sample
1026908	PED	7	624447	6978978	6/10/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Sand	Organic 10%
1026909	PED	7	621198	6980901	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	White Spruce	Reindeer Moss	Good	Coarse	Rocky
1026910	PED	7	624549	6978809	6/10/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1026911	PED	7	628301	6972765	6/5/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	10	B	White Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Wet Soil
1026912	PED	7	628427	6973349	6/5/2011	Reddish Brown	Gravel	Wet	Subtle Slope	20	C	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	Sand
1026914	PED	7	628324	6972862	6/5/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	10	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Mud
1026915	PED	7	628583	6973926	6/5/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Small Sample	Rocky
1026916	PED	7	628619	6974018	6/5/2011	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Alders	Sphagnum Moss < 30cm	Poor	Small Sample	Wet Soil
1026917	PED	7	628550	6973832	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	20	C	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	Mud
1026918	PED	7	628483	6973643	6/5/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Mud
1026919	PED	7	628510	6973740	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	Mud
1026920	PED	7	628659	6974110	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	Alders	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1026923	PED	7	629533	6974403	6/8/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Coarse
1026925	PED	7	624579	6978770	6/10/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Birch Forest	Rock Cover	Good	Wet Soil	Organic 10%
1026926	PED	7	629770	6975347	6/8/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Poor	Sand	Organic 25%
1026927	PED	7	629743	6975199	6/8/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	B	Alders	Sphagnum Moss < 30cm	Poor	Wet Soil	Organic 25%
1026928	PED	7	629734	6975150	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	Alders	Sphagnum Moss < 30cm	Poor	Wet Soil	Coarse
1026929	PED	7	629753	6975249	6/8/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	B	Alders	Sphagnum Moss < 30cm	Poor	Coarse	Mud
1026930	PED	7	628006	6972378	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	White Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	Fine
1026931	PED	7	628088	6972436	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	White Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Wet Soil
1026932	PED	7	629520	6974355	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	Alders	Sphagnum Moss < 30cm	Poor	Coarse	Wet Soil
1026933	PED	7	629789	6975445	6/8/2011	Dark Blue Black	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Mud	Organic 10%
1026934	PED	7	629780	6975396	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Reindeer Moss	Poor	Coarse	Organic 25%
1026935	PED	7	629762	6975298	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	70	B	Alders	Sphagnum Moss < 30cm	Good	Wet Soil	Mud
1026936	PED	7	628214	6972591	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	White Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	Small Sample
1026937	PED	7	623391	6972781	6/5/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1026938	PED	7	631521	6977000	6/7/2011	Reddish Brown	Sand	Dry	Flat	30	C	No Tree Cover	Rock Cover	Excellent	Coarse	Quartz Chips
1026939	PED	7	624294	6977283	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Reindeer Moss	Good	Coarse	Quartz Chips
1026940	PED	7	624267	6977326	6/6/2011	Reddish Orange	Sand	Damp	Pronounced Slope	90	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1026941	PED	7	624228	6977358	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1026942	PED	7	624166	6977436	6/6/2011	Reddish Yellow	Silt	Damp	Pronounced Slope	70	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1026943	PED	7	624134	6977475	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Fine
1026944	PED	7	624103	6977514	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1026945	PED	7	624050	6977657	6/6/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1026946	PED	7	624088	6977562	6/6/2011	Reddish Orange	Sand	Damp	Pronounced Slope	30	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1026947	PED	7	624074	6977611	6/6/2011	Reddish Brown	Sand	Damp	Pronounced Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Fine
1026948	PED	7	630859	6973794	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	70	C	White Spruce	Reindeer Moss	Excellent	Big Round Boulders	Coarse
1026949	PED	7	629634	6974791	6/8/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Alders	Sphagnum Moss < 30cm	Good	Coarse	Wet Soil
1026951	PED	7	621922	6975524	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss > 30cm	Poor	Partially Frozen	Small Sample
1026954	PED	7	621722	6975524	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Small Sample
1026955	PED	7	621622	6975528	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky
1026956	PED	7	621672	6975527	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1026957	PED	7	621572	6975530	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1026958	PED	7	621521	6975532	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1026959	PED	7	621471	6975532	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Coarse	Wet Soil
1026960	PED	7	621371	6975533	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1026961	PED	7	621421	6975534	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Small Sample	Rocky
1026962	PED	7	621320	6975532	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Wet Soil	Rocky
1026963	PED	7	621271	6975533	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Coarse	Rocky
1026964	PED	7	621221	6975534	6/4/2011	Reddish Brown	Sand	Damp	Pronounced Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1026965	PED	7	621170	6975534	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1026966	PED	7	621121	6975535	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1026967	PED	7	621072	6975546	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	20	B	White Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Rocky
1026968	PED	7	621023	6975559	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Fine
1026969	PED	7	620975	6975572	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1026970	PED	7	624436	6979027	6/10/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Good	Sand	Mud
1026971	PED	7	630826	6978803	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Small Sample
1026972	PED	7	630831	6978753	6/7/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1026973	PED	7	630832	6978703	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	No Tree Cover	Frost Boil	Good	Wet Soil	Rocky
1026974	PED	7	630837	6978653	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	No Tree Cover	Frost Boil	Poor	Wet Soil	Small Sample
1026975	PED	7	630842	6978603	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Wet Soil	Small Sample
1026977	PED	7	630858	6978454	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Reindeer Moss	Poor	Wet Soil	Sand
1026978	PED	7	630848	6978554	6/7/2011	Bluish Grey	Sand	Wet	Subtle Slope	50	C	No Tree Cover	Reindeer Moss	Good	Wet Soil	Small Sample
1026979	PED	7	630863	6978404	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	No Tree Cover	Frost Boil	Good	Wet Soil	Rocky
1026980	PED	7	624486	6978886	6/10/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Mud
1026981	PED	7	624464	6978931	6/10/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Coarse
1026982	PED	7	624412	6979070	6/10/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss > 30cm	Poor	Sand	Wet Soil
1026983	PED	7	622271	6975542	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	20	B	White Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Small Sample
1026984	PED	7	622221	6975550	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	10	B	White Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Small Sample
1026985	PED	7	622171	6975546	6/4/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	10	B	White Spruce	Sphagnum Moss > 30cm	Poor	Small Sample	Frozen
1026986	PED	7	622121	6975542	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	30	B	White Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Small Sample
1026987	PED	7	630852	6978504	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	C	Old Burn	Reindeer Moss	Good	Wet Soil	Small Sample
1026988	PED	7	622072	6975530	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	20	B	White Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Small Sample
1026989	PED	7	622021	6975532	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss > 30cm	Poor	Partially Frozen	Small Sample
1026990	PED	7	621972	6975526	6/4/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	20	C	White Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen	Small Sample
1026991	PED	7	629498	6974157	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss > 30cm	Poor	Wet Soil	Coarse
1026992	PED	7	629487	6973663	6/9/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen	Coarse
1026993	PED	7	629485	6973713	6/9/2011	Chocolate Brown	Sand	Wet	Subtle Slope	20	B	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Mud
1026994	PED	7	629497	6973997	6/9/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sand	Coarse
1026995	PED	7	629508	6974307	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Alders	Sphagnum Moss < 30cm	Poor	Coarse	Organic 10%
1026996	PED	7	629500	6974257	6/8/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Mud
1026997	PED	7	629499	6974208	6/8/2011	Dark Blue Black	Sand	Wet	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	Partially Frozen
1026998	PED	7	623128	6980357	6/10/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Mud
1026999	PED	7	623117	6980307	6/10/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Partially Frozen	
1027000	PED	7	623098	6980261	6/10/2011	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Frozen	Rocky
1027501	PED	7	620909	6979175	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Sand	Coarse
1027502	PED	7	620971	6979098	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Coarse
1027503	PED	7	620843	6979251	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	20	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1027504	PED	7	620774	6979324	6/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1027505	PED	7	620774	6979324	6/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1027506	PED	7	620688	6979373	6/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	20	B	White Spruce	Leaf Cover	Poor	Clay	Small Sample
1027507	PED	7	620665	6979445	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1027509	PED	7	620615	6979531	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	Coarse
1027510	PED	7	620577	6979592	6/3/2011	Dark Grey Black	Silt	Damp	Subtle Slope	20	C	Poplar	Sphagnum Moss < 30cm	Good	Sand	Mud
1027511	PED	7	620509	6979665	6/3/2011	Reddish Orange	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Sand	Coarse
1027512	PED	7	620453	6979747	6/3/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Coarse	Clay
1027513	PED	7	613727	6977973	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1027514	PED	7	613740	6977924	6/3/2011	Chocolate Brown	Sand	Damp	Steep	90	C	Poplar	Leaf Cover	Excellent	Fine	
1027515	PED	7	613763	6977880	6/3/2011	Reddish Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Good	Fine	Quartz Chips
1027516	PED	7	613819	6977798	6/3/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Good	Fine	Rocky
1027517	PED	7	613849	6977756	6/3/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Leaf Cover	Good	Fine	Rocky
1027518	PED	7	613895	6977735	6/3/2011	Chocolate Brown	Silt	Dry	Steep	50	C	Poplar	Grass Cover	Poor	Rocky	
1027519	PED	7	613943	6977723	6/3/2011	Light Brown	Sand	Dry	Steep	60	C	Poplar	Leaf Cover	Good	Fine	
1027520	PED	7	613993	6977722	6/3/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1027521	PED	7	614043	6977722	6/3/2011	Chocolate Brown	Sand	Dry	Steep	60	C	No Tree Cover	Grass Cover	Good	Fine	
1027522	PED	7	614094	6977728	6/3/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Poplar	Grass Cover	Excellent	Fine	
1027523	PED	7	614143	6977738	6/3/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Good	Fine	
1027524	PED	7	614191	6977750	6/3/2011	Chocolate Brown	Sand	Damp	Steep	110	C	Poplar	Grass Cover	Excellent	Quartz Chips	Coarse
1027525	PED	7	614237	6977770	6/3/2011	Chocolate Brown	Sand	Dry	Steep	100	C	Poplar	Grass Cover	Excellent	Quartz Chips	Fine
1027526	PED	7	614286	6977781	6/3/2011	Chocolate Brown	Sand	Dry	Steep	50	C	No Tree Cover	Grass Cover	Good	Fine	
1027527	PED	7	614337	6977784	6/3/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Good	Rocky	Fine
1027528	PED	7	614386	6977785	6/3/2011	Light Brown	Sand	Damp	Steep	50	C	Poplar	Leaf Cover	Excellent	Fine	
1027529	PED	7	614423	6977819	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky	
1027530	PED	7	613525	6978626	6/3/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Fine
1027531	PED	7	613518	6978576	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Rocky	Partially Frozen
1027532	PED	7	613520	6978525	6/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1027533	PED	7	613527	6978475	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Rocky	Coarse
1027534	PED	7	613551	6978431	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1027535	PED	7	613601	6978344	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Fine	
1027536	PED	7	613579	6978389	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Fine	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1027537	PED	7	613579	6978389	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Fine	
1027538	PED	7	613621	6978299	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1027539	PED	7	613642	6978253	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1027540	PED	7	613661	6978207	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky
1027541	PED	7	613670	6978158	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1027542	PED	7	613685	6978110	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1027543	PED	7	613711	6978068	6/3/2011	Chocolate Brown	Sand	Damp	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Fine
1027544	PED	7	613705	6978018	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	
1027545	PED	7	616971	6984248	6/5/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	Poplar	Burnt Moss	Excellent	Rocky	Coarse
1027551	PED	7	631621	6974896	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	No Tree Cover	Rock Cover	Good	Rocky	Organic 10%
1027552	PED	7	631665	6974921	6/7/2011	Chocolate Brown	Silt	Damp	Subtle Slope	20	B	No Tree Cover	Rock Cover	Poor	Rocky	Partially Frozen
1027553	PED	7	631511	6974754	6/7/2011	Chocolate Brown	Silt	Damp	Subtle Slope	20	B	Black Spruce	Reindeer Moss	Poor	Small Sample	Partially Frozen
1027554	PED	7	631585	6974860	6/7/2011	Grey	Sand	Wet	Subtle Slope	20	B	No Tree Cover	Reindeer Moss	Good	Partially Frozen	Rocky
1027555	PED	7	631907	6975458	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Rock Cover	Excellent	Rocky	Organic 10%
1027556	PED	7	631920	6975507	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	No Tree Cover	Rock Cover	Good	Fine	
1027557	PED	7	631559	6974817	6/7/2011	Grey	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Reindeer Moss	Good	Rocky	Partially Frozen
1027558	PED	7	628616	6977936	6/7/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Big Round Boulders
1027559	PED	7	628665	6977947	6/7/2011	Chocolate Brown	Clay	Damp	Flat	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Clay	Coarse
1027560	PED	7	628714	6977953	6/7/2011	Chocolate Brown	Clay	Damp	Flat	60	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Clay
1027561	PED	7	622257	6976263	6/4/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Poor	Rocky	
1027562	PED	7	622148	6976374	6/4/2011	Chocolate Brown	Silt	Damp	Flat	20	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Top layer
1027563	PED	7	622070	6976442	6/4/2011	Chocolate Brown	Gravel	Wet	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Rocky
1027564	PED	7	622019	6976522	6/4/2011	Grey	Clay	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Wet Soil
1027565	PED	7	621965	6976604	6/4/2011	Light Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1027566	PED	7	621908	6976679	6/4/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1027567	PED	7	621751	6976876	6/4/2011	Grey	Clay	Wet	Subtle Slope	50	B	Old Burn	Burnt Moss	Poor	Rocky	
1027568	PED	7	621689	6976946	6/4/2011	Light Grey	Clay	Wet	Subtle Slope	40	B	Old Burn	Burnt Moss	Poor	Rocky	Clay
1027569	PED	7	621641	6976967	6/4/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Burnt Moss	Excellent	Coarse	
1027570	PED	7	621573	6977048	6/4/2011	Dark Blue Black	Gravel	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Quartz Chips	Rocky
1027571	PED	7	621492	6977092	6/4/2011	Chocolate Brown	Gravel	Damp	Flat	30	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1027572	PED	7	621401	6977129	6/4/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1027573	PED	7	621309	6977174	6/4/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Quartz Chips	Rocky
1027574	PED	7	621247	6977247	6/4/2011	Bluish Grey	Clay	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Fine	Rocky
1027575	PED	7	621185	6977334	6/4/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	Old Burn	Burnt Moss	Good	Rocky	Coarse
1027576	PED	7	621138	6977419	6/4/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1027577	PED	7	621089	6977507	6/4/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Poplar	Thin Moss Cover	Good	Rocky	Coarse
1027578	PED	7	621035	6977585	6/4/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Rocky	Quartz Chips
1027579	PED	7	620976	6977664	6/4/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1027580	PED	7	620905	6977722	6/4/2011	Chocolate Brown	Gravel	Damp	Flat	40	B	Old Burn	Burnt Moss	Poor	Coarse	Rocky
1027581	PED	7	620800	6977832	6/4/2011	Yellow	Gravel	Damp	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Quartz Chips	
1027582	PED	7	620800	6977832	6/4/2011	Yellow	Gravel	Damp	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Quartz Chips	
1027583	PED	7	620694	6977883	6/4/2011	Reddish Yellow	Gravel	Damp	Flat	40	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1027584	PED	7	620545	6977908	6/4/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	Old Burn	Bare Soil	Excellent	Coarse	
1027585	PED	7	620447	6977883	6/4/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	
1027586	PED	7	620495	6977899	6/4/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Rocky	Coarse
1027651	PED	7	628280	6972667	6/5/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Big Round Boulders
1027652	PED	7	628239	6972635	6/5/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Big Round Boulders	Organic 10%
1027653	PED	7	628189	6972548	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Poplar	Leaf Cover	Good	Partially Frozen	Clay
1027654	PED	7	628125	6972470	6/5/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Poplar	Leaf Cover	Good	Clay	Quartz Chips
1027655	PED	7	628050	6972403	6/5/2011	Bluish Grey	Clay	Damp	Flat	70	C	Black Spruce	Thin Moss Cover	Good	Clay	Mud
1027656	PED	7	623968	6977118	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	White Spruce	Leaf Cover	Excellent	Coarse	Rocky
1027657	PED	7	623968	6977068	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	Coarse
1027658	PED	7	623967	6977018	6/6/2011	Reddish Brown	Gravel	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Dull Red Rust	Coarse
1027659	PED	7	623981	6976970	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Clay	Rocky Sample
1027660	PED	7	623995	6976921	6/6/2011	Reddish Brown	Gravel	Dry	Subtle Slope	90	C	Black Spruce	Thin Moss Cover	Excellent	Dull Red Rust	Coarse
1027661	PED	7	624009	6976873	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Birch Forest	Leaf Cover	Good	Mud	Rocky
1027662	PED	7	624040	6976825	6/6/2011	Reddish Brown	Gravel	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Dull Red Rust
1027663	PED	7	624082	6976797	6/6/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Dull Red Rust	Coarse
1027664	PED	7	624115	6976760	6/6/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	70	C	White Spruce	Leaf Cover	Excellent	Coarse	Dull Red Rust
1027665	PED	7	624151	6976724	6/6/2011	Dark Brown	Gravel	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1027666	PED	7	624164	6976676	6/6/2011	Light Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Dull Red Rust
1027667	PED	7	624164	6976676	6/6/2011	Light Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Dull Red Rust
1027668	PED	7	624206	6976649	6/6/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	80	C	Poplar	Thin Moss Cover	Excellent	Dull Red Rust	Coarse
1027669	PED	7	624240	6976611	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Bare Soil	Excellent	Dull Red Rust	Coarse
1027670	PED	7	624279	6976581	6/6/2011	Light Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Dull Red Rust	Coarse
1027671	PED	7	624323	6976558	6/6/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Bright Orange Rust	Coarse
1027672	PED	7	624359	6976523	6/6/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1027673	PED	7	624384	6976480	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky Sample
1027674	PED	7	624410	6976437	6/6/2011	Reddish Brown	Gravel	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Dull Red Rust	Quartz Chips
1027675	PED	7	628567	6977926	6/7/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	No Tree Cover	Thin Moss Cover	Good	Coarse	Rocky
1027676	PED	7	628463	6977906	6/7/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1027677	PED	7	628414	6977897	6/7/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1027678	PED	7	628513	6977910	6/7/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1027679	PED	7	630860	6973845	6/8/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Black Spruce	Rock Cover	Good	Big Round Boulders	Clay
1027680	PED	7	630861	6973742	6/8/2011	Reddish Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Rock Cover	Good	Organic 25%	Big Round Boulders
1027681	PED	7	630868	6973642	6/8/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Rock Cover	Excellent	Coarse	Big Round Boulders

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1027682	PED	7	630880	6973492	6/8/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Black Spruce	Thin Moss Cover	Good	Coarse	Big Round Boulders
1027683	PED	7	630883	6973392	6/8/2011	Chocolate Brown	Gravel	Wet	Flat	40	C	No Tree Cover	Rock Cover	Excellent	Big Round Boulders	Mud
1027684	PED	7	630905	6973301	6/8/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Black Spruce	Thin Moss Cover	Good	Coarse	Small Sample
1027685	PED	7	630947	6973206	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Coarse	Big Round Boulders
1027686	PED	7	630955	6973105	6/8/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1027687	PED	7	630959	6973005	6/8/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1027688	PED	7	630976	6972906	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Thin Moss Cover	Good	Coarse	Clay
1027689	PED	7	631004	6972758	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1027690	PED	7	630967	6972664	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Good	Coarse	Organic 10%
1027691	PED	7	630916	6972522	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Organic 10%	Big Round Boulders
1027692	PED	7	630864	6972434	6/8/2011	Dark Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Rocky
1027693	PED	7	630809	6972348	6/8/2011	Reddish Brown	Gravel	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1027694	PED	7	630756	6972261	6/8/2011	Reddish Brown	Gravel	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Coarse
1027695	PED	7	630686	6972126	6/8/2011	Bluish Grey	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1027696	PED	7	622490	6979270	6/10/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1027697	PED	7	622464	6979228	6/10/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sand
1027698	PED	7	622437	6979185	6/10/2011	Dark Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1027699	PED	7	622437	6979185	6/10/2011	Dark Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1027700	PED	7	622407	6979144	6/10/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Rocky	Coarse
1027701	PED	7	624292	6973533	6/5/2011	Chocolate Brown	Sand	Dry	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1027702	PED	7	624342	6973531	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1027703	PED	7	624391	6973522	6/5/2011	Pale Greenish	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky	
1027704	PED	7	624441	6973522	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Rocky	
1027705	PED	7	624489	6973536	6/5/2011	Pale Greenish	Sand	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Rocky	
1027706	PED	7	624536	6973556	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1027707	PED	7	624574	6973588	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1027708	PED	7	624619	6973610	6/5/2011	Pale Greenish	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	
1027709	PED	7	624666	6973625	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Rocky	
1027710	PED	7	624712	6973649	6/5/2011	Chocolate Brown	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	
1027711	PED	7	623622	6973679	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	Clay
1027712	PED	7	623579	6973701	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	White Spruce	Leaf Cover	Good	Fine	Clay
1027713	PED	7	623535	6973724	6/5/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Sand	Clay
1027714	PED	7	623491	6973747	6/5/2011	Dark Brown	Silt	Damp	Pronounced Slope	40	C	White Spruce	Leaf Cover	Good	Sand	Clay
1027715	PED	7	623446	6973769	6/5/2011	Pale Greenish	Sand	Dry	Pronounced Slope	40	C	White Spruce	Needle Cover	Good	Coarse	
1027716	PED	7	623410	6973805	6/5/2011	Pale Greenish	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1027717	PED	7	623371	6973838	6/5/2011	Grey	Sand	Damp	Pronounced Slope	50	C	Willows	Sphagnum Moss < 30cm	Good	Coarse	
1027718	PED	7	623341	6973877	6/5/2011	Dark Grey Black	Sand	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	
1027719	PED	7	623317	6973923	6/5/2011	Grey	Sand	Damp	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	
1027720	PED	7	630618	6979235	6/7/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Burnt Moss	Good	Frozen	
1027721	PED	7	630210	6979435	6/7/2011	Dark Brown	Sand	Damp	Subtle Slope	10	C	No Tree Cover	Thin Moss Cover	Good	Frozen	
1027722	PED	7	630260	6979447	6/7/2011	Greyish Green	Sand	Damp	Subtle Slope	10	C	No Tree Cover	Thin Moss Cover	Good	Frozen	
1027723	PED	7	624153	6973593	6/5/2011	Pale Greenish	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1027724	PED	7	624105	6973611	6/5/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Good	Fine	
1027725	PED	7	624058	6973629	6/5/2011	Light Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1027726	PED	7	624008	6973639	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Needle Cover	Good	Rocky	
1027727	PED	7	623962	6973657	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	White Spruce	Leaf Cover	Good	Rocky	
1027728	PED	7	623913	6973669	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1027729	PED	7	623863	6973674	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky	
1027730	PED	7	623814	6973669	6/5/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine	
1027731	PED	7	623765	6973660	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1027732	PED	7	623717	6973648	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1027733	PED	7	623667	6973657	6/5/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Clay
1027734	PED	7	623667	6973657	6/5/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Clay
1027735	PED	7	630653	6979198	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	20	B	No Tree Cover	Burnt Moss	Good	Mud	Organic 25%
1027736	PED	7	627172	6974234	6/8/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1027737	PED	7	627145	6974191	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1027738	PED	7	627112	6974152	6/8/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1027739	PED	7	627082	6974113	6/8/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	
1027740	PED	7	627045	6974077	6/8/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Birch Forest	Sphagnum Moss < 30cm	Good	Partially Frozen	
1027741	PED	7	627009	6974042	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Partially Frozen	
1027742	PED	7	626967	6974015	6/8/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Partially Frozen	
1027743	PED	7	630328	6971601	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1027744	PED	7	630303	6971556	6/9/2011	Dark Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Needle Cover	Good	Rocky	
1027745	PED	7	630113	6979410	6/7/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	No Tree Cover	Thin Moss Cover	Good	Rocky	
1027746	PED	7	630076	6979377	6/7/2011	Dark Brown	Sand	Damp	Subtle Slope	10	B	No Tree Cover	Thin Moss Cover	Poor	Frozen	Organic 10%
1027747	PED	7	630040	6979342	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	20	B	No Tree Cover	Thin Moss Cover	Good	Rocky	
1027748	PED	7	629962	6979277	6/7/2011	Dark Grey Black	Sand	Dry	Pronounced Slope	30	B	White Spruce	Thin Moss Cover	Good		Rocky
1027749	PED	7	629883	6979149	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	20	B	No Tree Cover	Thin Moss Cover	Good	Organic 10%	
1027750	PED	7	629862	6979103	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	20	B	No Tree Cover	Thin Moss Cover	Good	Organic 10%	
1027751	PED	7	625569	6977780	6/12/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Grass Cover	Excellent	Coarse	Quartz Chips
1027752	PED	7	625619	6977772	6/12/2011	Reddish Brown	Sand	Dry	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1027753	PED	7	622178	6977981	6/10/2011	Reddish Orange	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1027754	PED	7	622204	6978026	6/10/2011	Reddish Orange	Sand	Dry	Pronounced Slope	40	C	White Spruce	Reindeer Moss	Good	Coarse	Quartz Chips
1027755	PED	7	622247	6978056	6/10/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Quartz Chips
1027756	PED	7	622291	6978080	6/10/2011	Reddish Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Fine	Quartz Chips
1027757	PED	7	622599	6978513	6/10/2011	Reddish Yellow	Sand	Damp	Flat	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1027758	PED	7	615258	6980993	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	Rocky
1027759	PED	7	615309	6980994	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	O	Poplar	Leaf Cover	Excellent	Rocky	Fine
1027760	PED	7	615360	6980994	6/30/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Coarse
1027761	PED	7	631486	6971915	6/9/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	Quartz Chips
1027762	PED	7	631486	6971915	6/9/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	Quartz Chips
1027763	PED	7	631471	6971966	6/9/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Poplar	Needle Cover	Poor	Fine	
1027764	PED	7	631435	6971999	6/9/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Poplar	Leaf Cover	Poor	Fine	Partially Frozen
1027765	PED	7	631270	6972253	6/9/2011	Reddish Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Fine	
1027766	PED	7	631408	6972047	6/9/2011	Reddish Orange	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	Quartz Chips
1027767	PED	7	631377	6972088	6/9/2011	Reddish Orange	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1027768	PED	7	631353	6972132	6/9/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Fine	
1027769	PED	7	631326	6972173	6/9/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1027770	PED	7	631306	6972219	6/9/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Coarse	
1027771	PED	7	624367	6977212	6/6/2011	Reddish Orange	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	Quartz Chips
1027772	PED	7	624033	6977705	6/6/2011	Reddish Orange	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Coarse
1027773	PED	7	624033	6977705	6/6/2011	Reddish Orange	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Coarse
1027774	PED	7	624017	6977754	6/6/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Small Sample	Organic 25%
1027775	PED	7	624000	6977808	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027776	PED	7	623982	6977854	6/6/2011	Chocolate Brown	Silt	Wet	Subtle Slope	50	C	Poplar	Reindeer Moss	Good	Fine	
1027777	PED	7	623957	6977898	6/6/2011	Reddish Orange	Sand	Damp	Flat	30	C	Black Spruce	Reindeer Moss	Excellent	Coarse	Quartz Chips
1027778	PED	7	623932	6977941	6/6/2011	Reddish Brown	Silt	Damp	Flat	30	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027779	PED	7	623906	6977983	6/6/2011	Chocolate Brown	Silt	Wet	Subtle Slope	20	C	Black Spruce	Reindeer Moss	Good	Coarse	Small Sample
1027780	PED	7	623882	6978029	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027781	PED	7	623886	6978079	6/6/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027782	PED	7	623885	6978129	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027783	PED	7	623888	6978179	6/6/2011	Reddish Orange	Sand	Damp	Flat	50	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027784	PED	7	623889	6978230	6/6/2011	Chocolate Brown	Sand	Damp	Flat	30	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027785	PED	7	623894	6978281	6/6/2011	Chocolate Brown	Sand	Damp	Flat	30	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027786	PED	7	623903	6978330	6/6/2011	Chocolate Brown	Silt	Damp	Flat	40	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027787	PED	7	623912	6978379	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027788	PED	7	623917	6978429	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027789	PED	7	623933	6978476	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027790	PED	7	623940	6978525	6/6/2011	Chocolate Brown	Silt	Damp	Flat	30	C	Black Spruce	Reindeer Moss	Good	Coarse	
1027791	PED	7	630679	6979173	6/7/2011	Dark Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Reindeer Moss	Poor	Frozen	Small Sample
1027792	PED	7	630700	6979127	6/7/2011	Dark Brown	Silt	Wet	Subtle Slope	20	B	No Tree Cover	Reindeer Moss	Poor	Frozen	Small Sample
1027794	PED	7	630744	6979037	6/7/2011	Chocolate Brown	Sand	Wet	Subtle Slope	10	B	No Tree Cover	Reindeer Moss	Poor	Partially Frozen	Wet Soil
1027795	PED	7	630766	6978991	6/7/2011	Dark Brown	Sand	Damp	Subtle Slope	30	B	Old Burn	Sphagnum Moss < 30cm	Poor	Frozen	Organic 50%
1027796	PED	7	630786	6978946	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	10	B	No Tree Cover	Reindeer Moss	Poor	Frozen	Small Sample
1027797	PED	7	630809	6978901	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	10	B	No Tree Cover	Reindeer Moss	Poor	Frozen	Small Sample
1027798	PED	7	630822	6978853	6/7/2011	Dark Brown	Sand	Wet	Subtle Slope	10	B	No Tree Cover	Reindeer Moss	Poor	Frozen	Small Sample
1027799	PED	7	630994	6977618	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Rock Cover	Good	Talus	Fine
1027800	PED	7	630970	6977715	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Reindeer Moss	Poor	Talus	Small Sample
1027851	PED	7	622735	6977063	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Poplar	Bare Soil	Excellent	Coarse	Rocky
1027852	PED	7	622691	6977039	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1027853	PED	7	622649	6977011	6/6/2011	Reddish Brown	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Coarse	Fine
1027854	PED	7	622649	6977011	6/6/2011	Reddish Brown	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Coarse	Fine
1027855	PED	7	622603	6976992	6/6/2011	Reddish Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1027856	PED	7	631960	6975852	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover	Good	Rocky	Partially Frozen
1027857	PED	7	631962	6975902	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	No Tree Cover	Rock Cover	Excellent	Rocky	Coarse
1027858	PED	7	631966	6975952	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Rock Cover	Excellent	Fine	Rocky
1027859	PED	7	622779	6977087	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1027860	PED	7	622829	6977096	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	Big Round Boulders
1027861	PED	7	622861	6977135	6/6/2011	Light Brown	Gravel	Dry	Subtle Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1027862	PED	7	622908	6977152	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1027863	PED	7	622908	6977152	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1027864	PED	7	622953	6977173	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Big Round Boulders	
1027865	PED	7	622997	6977197	6/6/2011	Reddish Brown	Gravel	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1027866	PED	7	623042	6977219	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1027867	PED	7	623087	6977243	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1027868	PED	7	623133	6977264	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Mud
1027869	PED	7	623174	6977292	6/6/2011	Chocolate Brown	Silt	Dry	Subtle Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	
1027870	PED	7	623217	6977318	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Bare Soil	Excellent	Coarse	
1027871	PED	7	623257	6977349	6/6/2011	Reddish Orange	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1027872	PED	7	623300	6977374	6/6/2011	Reddish Brown	Gravel	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1027873	PED	7	623339	6977406	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Bare Soil	Excellent	Coarse	
1027874	PED	7	623372	6977443	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1027875	PED	7	623511	6977585	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent	Clay	
1027876	PED	7	623405	6977481	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Poplar	Thin Moss Cover	Excellent	Coarse	Small Sample
1027877	PED	7	623434	6977521	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1027878	PED	7	623472	6977554	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1027879	PED	7	623511	6977585	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent	Clay	
1027880	PED	7	623555	6977610	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Big Round Boulders
1027881	PED	7	623599	6977634	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Big Round Boulders
1027882	PED	7	623648	6977646	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Big Round Boulders
1027883	PED	7	623695	6977661	6/6/2011	Light Brown	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Big Round Boulders
1027884	PED	7	623744	6977673	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Big Round Boulders

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1027885	PED	7	623792	6977688	6/6/2011	Light Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Big Round Boulders	Coarse
1027886	PED	7	623840	6977700	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Big Round Boulders
1027887	PED	7	623890	6977720	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Big Round Boulders
1027888	PED	7	623890	6977720	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Big Round Boulders
1027889	PED	7	623936	6977741	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Big Round Boulders
1027890	PED	7	623986	6977751	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Big Round Boulders
1027894	PED	7	622467	6978235	6/10/2011	Reddish Orange	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Fine	Quartz Chips
1027895	PED	7	622391	6978186	6/10/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1027896	PED	7	622391	6978186	6/10/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1027897	PED	7	622371	6978140	6/10/2011	Reddish Orange	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1027898	PED	7	622333	6978107	6/10/2011	Reddish Orange	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1027899	PED	7	626656	6972938	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Bare Soil	Excellent	Coarse	Big Round Boulders
1027900	PED	7	626634	6972983	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Big Round Boulders	Rocky
1027901	PED	7	613670	6982862	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Organic 10%	
1027902	PED	7	613675	6982763	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1027903	PED	7	613669	6982813	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1027904	PED	7	613674	6982913	6/6/2011	Bluish Grey	Gravel	Dry	Flat	60	C	Poplar	Leaf Cover	Good	Rocky	
1027905	PED	7	613655	6982960	6/6/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Poplar	Thin Moss Cover	Excellent	Sand	
1027906	PED	7	613655	6982960	6/6/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Poplar	Thin Moss Cover	Excellent	Sand	
1027907	PED	7	613637	6983007	6/6/2011	Chocolate Brown	Sand	Damp	Flat	70	C	Poplar	Leaf Cover	Good	Sand	
1027908	PED	7	613614	6983052	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	Organic 10%
1027909	PED	7	613587	6983095	6/6/2011	Reddish Yellow	Clay	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Organic 10%	
1027910	PED	7	613551	6983131	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1027911	PED	7	613511	6983161	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1027912	PED	7	613475	6983197	6/6/2011	Bluish Grey	Sand	Dry	Flat	40	C	Poplar	Leaf Cover	Good	Organic 10%	
1027913	PED	7	613455	6983243	6/6/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Poplar	Leaf Cover	Good	Rocky	
1027914	PED	7	613426	6983284	6/6/2011	Bluish Grey	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Rocky	
1027918	PED	7	613765	6982473	6/6/2011	Chocolate Brown	Sand	Damp	Flat	70	C	Poplar	Needle Cover	Good	Sand	
1027919	PED	7	613778	6982424	6/6/2011	Dark Grey Black	Sand	Dry	Flat	40	C	Poplar	Leaf Cover	Good	Rocky	
1027920	PED	7	613751	6982522	6/6/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Poplar	Leaf Cover	Good	Sand	
1027921	PED	7	613730	6982568	6/6/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Leaf Cover	Good	Organic 10%	
1027922	PED	7	613713	6982616	6/6/2011	Bluish Grey	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1027923	PED	7	613697	6982665	6/6/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Poplar	Leaf Cover	Good	Sand	
1027924	PED	7	613688	6982714	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Sand	
1027925	PED	7	613404	6983328	6/6/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Thin Moss Cover	Good	Organic 10%	
1027926	PED	7	613376	6983370	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Rocky	Coarse
1027927	PED	7	613344	6983409	6/6/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	Poplar	Thin Moss Cover	Good	Coarse	
1027928	PED	7	613303	6983439	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1027929	PED	7	613303	6983439	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1027930	PED	7	613262	6983466	6/6/2011	Chocolate Brown	Gravel	Damp	Steep	50	C	Poplar	Leaf Cover	Good	Rocky	
1027931	PED	7	613214	6983484	6/6/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Rocky	Organic 10%
1027932	PED	7	613168	6983507	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1027933	PED	7	613129	6983538	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Rocky	
1027934	PED	7	613095	6983578	6/6/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Poplar	Thin Moss Cover	Good	Rocky	
1027935	PED	7	613074	6983625	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Poplar	Thin Moss Cover	Good	Rocky	
1027936	PED	7	613052	6983670	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Poplar	Thin Moss Cover	Good	Rocky	
1027937	PED	7	613013	6983701	6/6/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Rocky	
1027938	PED	7	612972	6983731	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Rocky	
1027939	PED	7	612938	6983769	6/6/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Old Burn	Burnt Moss	Good	Organic 25%	
1027940	PED	7	614559	6985424	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Organic 10%	
1027941	PED	7	614634	6985486	6/6/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	60	C	Old Burn	Burnt Moss	Excellent	Sand	
1027944	PED	7	614701	6985642	6/6/2011	Light Brown	Sand	Dry	Flat	60	C	Old Burn	Bare Soil	Excellent	Coarse	
1027945	PED	7	614701	6985642	6/6/2011	Light Brown	Sand	Dry	Flat	60	C	Old Burn	Bare Soil	Excellent	Coarse	
1027946	PED	7	614594	6985748	6/6/2011	Dark Brown	Gravel	Dry	Subtle Slope	30	B	Poplar	Bare Soil	Good	Sand	Organic 10%
1027947	PED	7	614710	6985554	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Needle Cover	Excellent	Coarse	
1027951	PED	7	615984	6984290	6/5/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	Poplar	Thin Moss Cover	Good	Organic 10%	
1027952	PED	7	615962	6984201	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	110	C	Poplar	Leaf Cover	Excellent	Sand	
1027953	PED	7	615962	6984201	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	110	C	Poplar	Leaf Cover	Excellent	Sand	
1027954	PED	7	615870	6984143	6/5/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1027955	PED	7	615798	6984087	6/5/2011	Reddish Yellow	Gravel	Dry	Flat	60	C	Black Spruce	Thin Moss Cover	Good	Fine	
1027956	PED	7	615756	6983990	6/5/2011	Bluish Grey	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1027957	PED	7	615695	6983909	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1027958	PED	7	615651	6983819	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1027959	PED	7	615590	6983746	6/5/2011	Bluish Grey	Gravel	Dry	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1027960	PED	7	615582	6983696	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Wet Soil	
1027961	PED	7	615531	6983609	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Thin Moss Cover	Good	Rocky	
1027962	PED	7	615459	6983540	6/5/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Clay	
1027963	PED	7	615409	6983451	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1027964	PED	7	615405	6983357	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Thin Moss Cover	Good	Fine	
1027965	PED	7	615397	6983258	6/5/2011	Bluish Grey	Silt	Dry	Subtle Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1027966	PED	7	615346	6983174	6/5/2011	Chocolate Brown	Sand	Damp	Flat	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 25%	Small Sample
1027967	PED	7	615294	6983081	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1027968	PED	7	615256	6982989	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1027975	PED	7	614539	6982026	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Needle Cover	Good	Rocky	
1027976	PED	7	614617	6982076	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Needle Cover	Good	Rocky	
1027977	PED	7	614653	6982111	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1027978	PED	7	614747	6982150	6/5/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Rocky	
1027979	PED	7	614811	6982222	6/5/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Coarse	
1027980	PED	7	614878	6982296	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Organic 10%	
1027981	PED	7	614932	6982379	6/5/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Organic 10%	
1027982	PED	7	614992	6982449	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1027983	PED	7	615061	6982528	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1027984	PED	7	615131	6982603	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	
1027985	PED	7	615184	6982689	6/5/2011	Dark Blue Black	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1027986	PED	7	615216	6982786	6/5/2011	Yellow	Clay	Wet	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Wet Soil	
1027987	PED	7	615232	6982883	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1028501	PED	7	622707	6979635	6/10/2011	Reddish Brown	Sand	Dry	Pronounced Slope	30	B	White Spruce	Thin Moss Cover	Good	Fine	Rocky
1028502	PED	7	622670	6979600	6/10/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1028503	PED	7	622640	6979560	6/10/2011	Light Brown	Clay	Wet	Flat	50	B	White Spruce	Thin Moss Cover	Good	Coarse	
1028504	PED	7	622620	6979515	6/10/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1028505	PED	7	622620	6979515	6/10/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1028506	PED	7	620228	6979821	6/11/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	Fine	
1028507	PED	7	620186	6979794	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1028508	PED	7	620143	6979769	6/11/2011	Reddish Orange	Gravel	Damp	Subtle Slope	70	B	Black Spruce	Reindeer Moss	Good	Rocky	Fine
1028509	PED	7	620101	6979741	6/11/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Reindeer Moss	Excellent	Rocky	Coarse
1028510	PED	7	620058	6979716	6/11/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Frozen	Quartz Chips
1028511	PED	7	620016	6979688	6/11/2011	Reddish Yellow	Silt	Damp	Subtle Slope	110	C	Black Spruce	Reindeer Moss	Excellent	Fine	
1028512	PED	7	620016	6979688	6/11/2011	Reddish Yellow	Silt	Damp	Subtle Slope	110	C	Black Spruce	Reindeer Moss	Excellent	Fine	
1028513	PED	7	619973	6979662	6/11/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	C	Birch Forest	Thin Moss Cover	Good	Fine	Partially Frozen
1028514	PED	7	619931	6979634	6/11/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Reindeer Moss	Good	Frozen	Fine
1028515	PED	7	619915	6979587	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Dwarf Birch	Reindeer Moss	Excellent	Coarse	
1028516	PED	7	619885	6979546	6/11/2011	Reddish Yellow	Sand	Damp	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Partially Frozen	Fine
1028517	PED	7	619842	6979522	6/11/2011	Dark Brown	Silt	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Frozen
1028518	PED	7	619814	6979480	6/11/2011	Dark Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Coarse	Rocky
1028519	PED	7	619780	6979442	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Fine	Quartz Chips
1028520	PED	7	619739	6979411	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1028521	PED	7	619688	6979409	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1028522	PED	7	619637	6979411	6/11/2011	Light Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Partially Frozen	Coarse
1028523	PED	7	619587	6979422	6/11/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1028524	PED	7	619538	6979429	6/11/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1028525	PED	7	619486	6979425	6/11/2011	Light Brown	Silt	Damp	Subtle Slope	110	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1028526	PED	7	619486	6979425	6/11/2011	Light Brown	Silt	Damp	Subtle Slope	110	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1028527	PED	7	619445	6979455	6/11/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1028528	PED	7	619399	6979473	6/11/2011	Light Brown	Sand	Dry	Subtle Slope	90	C	Poplar	Thin Moss Cover	Excellent	Fine	
1028529	PED	7	619350	6979483	6/11/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Reindeer Moss	Excellent	Coarse	
1028530	PED	7	619301	6979491	6/11/2011	Reddish Orange	Sand	Damp	Flat	90	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1028531	PED	7	619255	6979510	6/11/2011	Bluish Grey	Sand	Damp	Subtle Slope	110	C	White Spruce	Reindeer Moss	Excellent	Fine	
1028532	PED	7	619207	6979525	6/11/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Fine	Rocky
1028533	PED	7	619157	6979526	6/11/2011	Reddish Brown	Gravel	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1028534	PED	7	619108	6979538	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Reindeer Moss	Excellent	Fine	Rocky
1028535	PED	7	619058	6979543	6/11/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	B	Black Spruce	Reindeer Moss	Excellent	Rocky	Coarse
1028536	PED	7	619007	6979546	6/11/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1028537	PED	7	618957	6979545	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Reindeer Moss	Good	Coarse	Rocky
1028538	PED	7	618907	6979551	6/11/2011	Dark Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Reindeer Moss	Excellent	Fine	Rocky
1028539	PED	7	618857	6979542	6/11/2011	Grey	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1028540	PED	7	618808	6979555	6/11/2011	Grey	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Reindeer Moss	Excellent	Fine	
1028541	PED	7	618758	6979561	6/11/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1028542	PED	7	630676	6977625	6/12/2011	Dark Brown	Silt	Damp	Pronounced Slope	20	A	No Tree Cover	Rock Cover	Poor	Organic 10%	Fine
1028543	PED	7	633264	6974643	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1028544	PED	7	633280	6974596	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1028545	PED	7	633314	6974560	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1028546	PED	7	633351	6974527	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1028547	PED	7	633400	6974515	6/19/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Frozen	Possible Creek Contamination
1028548	PED	7	633423	6974471	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Good	Fine	
1028549	PED	7	633444	6974425	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	Rocky Sample
1028550	PED	7	633460	6974378	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1028551	PED	7	608198	6979642	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	30	B	White Spruce	Thin Moss Cover	Poor	Coarse	Organic 25%
1028552	PED	7	608187	6979592	6/19/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Organic 10%
1028553	PED	7	608179	6979542	6/19/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1028554	PED	7	608167	6979494	6/19/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1028555	PED	7	608166	6979496	6/19/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1028556	PED	7	608157	6979445	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Organic 10%
1028557	PED	7	608159	6979396	6/19/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Fine	Organic 10%
1028558	PED	7	608171	6979347	6/19/2011	Dark Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Dull Red Rust
1028559	PED	7	608180	6979299	6/19/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Organic 10%	Coarse
1028560	PED	7	608196	6979250	6/19/2011	Dark Brown	Gravel	Wet	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Small Sample
1028561	PED	7	608203	6979201	6/19/2011	Dark Brown	Silt	Damp	Pronounced Slope	70	B	Poplar	Leaf Cover	Poor	Loess	Fine
1028562	PED	7	608221	6979153	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Organic 10%
1028563	PED	7	608243	6979054	6/19/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1028564	PED	7	608252	6979006	6/19/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1028565	PED	7	608264	6978958	6/19/2011	Reddish Orange	Sand	Dry	Pronounced Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	Dull Red Rust
1028566	PED	7	608281	6978911	6/19/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1028567	PED	7	608291	6978862	6/19/2011	Dark Brown	Clay	Damp	Pronounced Slope	70	B	Poplar	Leaf Cover	Poor	Loess	Organic 25%
1028568	PED	7	608305	6978814	6/19/2011	Dark Brown	Gravel	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky Sample
1028569	PED	7	608321	6978766	6/19/2011	Dark Brown	Clay	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Good	Dull Red Rust	Sandy
1028570	PED	7	608331	6978717	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Quartz Chips
1028571	PED	7	608340	6978668	6/19/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Bright Orange Rust	Dull Red Rust
1028572	PED	7	607668	6986578	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Fine	
1028573	PED	7	607709	6986550	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Sandy
1028574	PED	7	607747	6986517	7/2/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1028575	PED	7	607524	6986596	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Organic 10%
1028576	PED	7	607574	6986600	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1028577	PED	7	607624	6986601	7/2/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1028578	PED	7	608352	6978619	6/19/2011	Reddish Orange	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Sandy
1028579	PED	7	608357	6978570	6/19/2011	Dark Brown	Sand	Damp	Subtle Slope	30	B	Poplar	Leaf Cover	Poor	Coarse	Organic 25%
1028580	PED	7	608368	6978520	6/19/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1028581	PED	7	608375	6978470	6/19/2011	Light Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Good	Coarse	
1028582	PED	7	608387	6978422	6/19/2011	Dark Blue Black	Sand	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1028583	PED	7	608402	6978374	6/19/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Organic 10%	Coarse
1028584	PED	7	608436	6978280	6/19/2011	Dark Brown	Sand	Dry	Steep	30	B	Poplar	Leaf Cover	Poor	Fine	Organic 25%
1028585	PED	7	608450	6978231	6/19/2011	Dark Brown	Silt	Dry	Steep	30	B	Poplar	Leaf Cover	Poor	Fine	Rocky
1028586	PED	7	608476	6978188	6/19/2011	Chocolate Brown	Silt	Dry	Steep	60	B	Poplar	Leaf Cover	Poor	Loess	Small Sample
1028587	PED	7	608490	6978139	6/19/2011	Dark Brown	Sand	Dry	Steep	60	C	Poplar	Leaf Cover	Good	Coarse	Organic 10%
1028601	PED	7	611927	6975963	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Organic 10%
1028602	PED	7	611946	6975914	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Fine	Organic 10%
1028603	PED	7	611946	6975865	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Thin Moss Cover	Good	Fine	Organic 10%
1028604	PED	7	611952	6975815	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1028605	PED	7	611961	6975765	6/20/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Organic 10%
1028606	PED	7	611972	6975716	6/20/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1028607	PED	7	611974	6975717	6/20/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Small Sample
1028608	PED	7	611987	6975669	6/20/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Fine	
1028609	PED	7	612019	6975566	6/20/2011	Dark Brown	Sand	Damp	Steep	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1028610	PED	7	612056	6975480	6/20/2011	Dark Brown	Silt	Damp	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky Terrain
1028611	PED	7	612102	6975462	6/20/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1028612	PED	7	612149	6975444	6/20/2011	Dark Brown	Silt	Dry	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	Loess
1028617	PED	7	611675	6976926	6/20/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Sample	Organic 25%
1028618	PED	7	611682	6976876	6/20/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Mud	Organic 25%
1028619	PED	7	611690	6976828	6/20/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Needle Cover	Good	Coarse	
1028620	PED	7	611702	6976778	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Good	Fine	
1028621	PED	7	611703	6976775	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Good	Fine	
1028622	PED	7	611708	6976728	6/20/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Fine	
1028623	PED	7	611716	6976679	6/20/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Good	Fine	
1028624	PED	7	611733	6976632	6/20/2011	Dark Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Good	Fine	
1028625	PED	7	611748	6976585	6/20/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Fine	
1028626	PED	7	611763	6976537	6/20/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Fine	
1028627	PED	7	611779	6976489	6/20/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Leaf Cover	Good	Fine	Organic 10%
1028628	PED	7	611796	6976442	6/20/2011	Reddish Brown	Sand	Wet	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Good	Fine	
1028629	PED	7	611815	6976396	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	
1028630	PED	7	611840	6976351	6/20/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Mud	Loess
1028631	PED	7	611859	6976306	6/20/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Fine	Organic 10%
1028632	PED	7	611879	6976259	6/20/2011	Reddish Brown	Sand	Dry	Steep	30	C	Poplar	Leaf Cover	Good	Coarse	
1028633	PED	7	611891	6976210	6/20/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Dull Red Rust
1028634	PED	7	611906	6976162	6/20/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Fine	Organic 10%
1028635	PED	7	611908	6976111	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Fine	Organic 10%
1028636	PED	7	611922	6976062	6/20/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Fine	Organic 10%
1028637	PED	7	611926	6976014	6/20/2011	Dark Brown	Silt	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Loess	Organic 25%
1028638	PED	7	622791	6972948	6/27/2011	Chocolate Brown	Sand	Dry	Flat	90	C	Poplar	Leaf Cover	Excellent	Fine	Sandy
1028639	PED	7	622824	6972912	6/27/2011	Chocolate Brown	Sand	Dry	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1028640	PED	7	622845	6972866	6/27/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1028641	PED	7	622860	6972818	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1028642	PED	7	622889	6972777	6/27/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	110	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1028643	PED	7	622916	6972734	6/27/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	Clay
1028644	PED	7	622935	6972689	6/27/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1028645	PED	7	622976	6972647	6/28/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Fine	
1028646	PED	7	623006	6972607	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Fine	
1028647	PED	7	623051	6972586	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1028648	PED	7	623081	6972546	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1028649	PED	7	623112	6972508	6/28/2011	Yellow	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Coarse	
1028650	PED	7	623112	6972508	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Coarse	
1028651	PED	7	639745	6972334	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1028652	PED	7	639793	6972315	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	No Tree Cover	Grass Cover	Good	Fine	
1028653	PED	7	639841	6972298	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1028654	PED	7	639891	6972285	6/27/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	
1028655	PED	7	639938	6972271	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Grass Cover	Good	Coarse	
1028656	PED	7	639989	6972264	6/27/2011	Reddish Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Grass Cover	Excellent	Coarse	
1028657	PED	7	640038	6972253	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Grass Cover	Excellent	Coarse	
1028658	PED	7	640086	6972239	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	B	White Spruce	Needle Cover	Good	Fine	
1028659	PED	7	640136	6972241	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1028660	PED	7	640194	6972213	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	
1028661	PED	7	640240	6972191	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1028662	PED	7	640289	6972175	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1028663	PED	7	640336	6972157	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Fine	
1028664	PED	7	640386	6972143	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Poor	Fine	
1028665	PED	7	640433	6972125	6/27/2011	Chocolate Brown	Sand	Dry	Steep	30	B	No Tree Cover	Grass Cover	Good	Fine	
1028666	PED	7	640483	6972114	6/27/2011	Light Grey	Sand	Dry	Steep	50	C	No Tree Cover	Grass Cover	Good	Coarse	
1028667	PED	7	640532	6972101	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1028668	PED	7	640581	6972091	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Good	Coarse	
1028669	PED	7	640629	6972079	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	110	C	Poplar	Grass Cover	Good	Coarse	
1028670	PED	7	640678	6972065	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1028671	PED	7	640725	6972054	6/27/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1028672	PED	7	640776	6972044	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	B	Poplar	Grass Cover	Good	Fine	
1028673	PED	7	640827	6972039	6/27/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1028674	PED	7	640877	6972023	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	
1028675	PED	7	640877	6972023	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	
1028676	PED	7	640926	6972017	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Grass Cover	Good	Coarse	Rocky
1028677	PED	7	640926	6972017	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	No Tree Cover	Grass Cover	Good	Coarse	Rocky
1028678	PED	7	641077	6971999	6/27/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1028679	PED	7	641025	6972006	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1028680	PED	7	641024	6972006	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Coarse	
1028681	PED	7	640975	6972012	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	No Tree Cover	Grass Cover	Good	Coarse	
1028682	PED	7	640975	6972012	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	No Tree Cover	Grass Cover	Good	Coarse	
1028683	PED	7	637707	6970678	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1028684	PED	7	636028	6967928	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1028685	PED	7	636002	6967886	6/28/2011	Reddish Yellow	Sand	Dry	Flat	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1028686	PED	7	635967	6967849	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1028687	PED	7	635924	6967819	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1028688	PED	7	635899	6967775	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Birch Forest	Leaf Cover	Good	Coarse	
1028689	PED	7	635873	6967732	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Coarse	
1028690	PED	7	635842	6967691	6/28/2011	Chocolate Brown	Sand	Dry	Flat	80	C	Poplar	Leaf Cover	Excellent	Fine	
1028691	PED	7	635832	6967641	6/28/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1028692	PED	7	635823	6967591	6/28/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1028693	PED	7	635799	6967546	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1028694	PED	7	635802	6967496	6/28/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1028695	PED	7	635804	6967445	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	
1028696	PED	7	635796	6967396	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Coarse	
1028697	PED	7	635775	6967350	6/28/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Fine	
1028698	PED	7	635754	6967303	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Grass Cover	Excellent	Coarse	
1028699	PED	7	635737	6967256	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Grass Cover	Good	Coarse	
1028700	PED	7	635718	6967209	6/28/2011	Reddish Brown	Sand	Dry	Flat	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1028701	PED	7	638739	6970864	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Sandy	
1028702	PED	7	638785	6970887	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	Dwarf Birch	Grass Cover	Excellent	Clay	
1028703	PED	7	638829	6970911	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Dwarf Birch	Thin Moss Cover	Excellent	Clay	
1028704	PED	7	638853	6970955	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	Dwarf Birch	Grass Cover	Excellent	Clay	
1028705	PED	7	638893	6970987	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Clay	
1028706	PED	7	638939	6971007	6/27/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Clay	
1028707	PED	7	638974	6971044	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Excellent	Clay	
1028708	PED	7	639007	6971084	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1028709	PED	7	639047	6971113	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1028710	PED	7	639081	6971149	6/27/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Excellent	Clay	Rocky Terrain
1028711	PED	7	639124	6971178	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	Rocky Terrain
1028712	PED	7	639164	6971209	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1028713	PED	7	639205	6971238	6/27/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1028714	PED	7	639242	6971272	6/27/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	
1028715	PED	7	639279	6971309	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	B	Black Spruce	Thin Moss Cover	Excellent	Clay	
1028716	PED	7	639310	6971349	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Birch Forest	Grass Cover	Excellent	Fine	
1028717	PED	7	639335	6971392	6/27/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Pine	Thin Moss Cover	Excellent	Clay	
1028718	PED	7	639359	6971438	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Pine	Thin Moss Cover	Excellent	Clay	
1028719	PED	7	639397	6971471	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Pine	Thin Moss Cover	Excellent	Sandy	
1028720	PED	7	639423	6971515	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Pine	Grass Cover	Excellent	Sandy	Rocky Terrain
1028721	PED	7	639456	6971555	6/27/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Pine	Grass Cover	Good	Clay	
1028722	PED	7	639489	6971592	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	White Spruce	Leaf Cover	Excellent	Clay	
1028723	PED	7	639528	6971622	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	Pine	Sphagnum Moss < 30cm	Excellent	Clay	
1028724	PED	7	639562	6971660	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1028725	PED	7	639611	6971668	6/27/2011	Dark Brown	Gravel	Dry	Pronounced Slope	30	B	White Spruce	Leaf Cover	Good	Clay	
1028726	PED	7	639634	6971713	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Excellent	Coarse	
1028727	PED	7	639658	6971759	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss > 30cm	Good	Clay	
1028728	PED	7	639666	6971808	6/27/2011	Grey	Gravel	Dry	Subtle Slope	40	B	Pine	Thin Moss Cover	Good	Clay	
1028729	PED	7	639691	6971851	6/27/2011	Grey	Clay	Dry	Pronounced Slope	50	B	Pine	Thin Moss Cover	Good	Clay	
1028730	PED	7	639723	6971887	6/27/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	
1028731	PED	7	639761	6971923	6/27/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Pine	Leaf Cover	Excellent	Clay	
1028732	PED	7	639761	6971923	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Excellent	Clay	
1028733	PED	7	639805	6971948	6/27/2011	Reddish Orange	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Grass Cover	Excellent	Fine	
1028734	PED	7	639827	6971992	6/27/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Birch Forest	Grass Cover	Excellent	Fine	
1028735	PED	7	637695	6970727	6/28/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1028737	PED	7	637730	6970634	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1028738	PED	7	637769	6970601	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	
1028741	PED	7	634550	6968268	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1028742	PED	7	634498	6968275	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1028743	PED	7	634449	6968265	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky	
1028744	PED	7	634399	6968271	6/28/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1028745	PED	7	634350	6968288	6/28/2011	Chocolate Brown	Sand	Damp	Steep	60	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1028746	PED	7	634300	6968283	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Needle Cover	Good	Coarse	
1028747	PED	7	634252	6968296	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	C	White Spruce	Leaf Cover	Good	Rocky	Coarse
1028748	PED	7	634202	6968301	6/28/2011	Dark Grey Black	Silt	Damp	Pronounced Slope	70	B	White Spruce	Leaf Cover	Good	Mud	Sandy
1028749	PED	7	633861	6969020	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	O	Poplar	Leaf Cover	Good	Coarse	
1028750	PED	7	633871	6968972	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Dwarf Birch	Grass Cover	Good	Coarse	
1028751	PED	7	614329	6977300	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1028752	PED	7	614278	6977313	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Coarse	
1028753	PED	7	614233	6977335	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1028754	PED	7	614186	6977357	7/2/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	70	B	White Spruce	Leaf Cover	Good	Fine	
1028755	PED	7	614142	6977384	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	90	B	Birch Forest	Leaf Cover	Poor	Fine	
1028756	PED	7	614098	6977408	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	90	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1028757	PED	7	614051	6977428	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Fine
1028758	PED	7	614008	6977455	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Leaf Cover	Good	Coarse	
1028759	PED	7	613963	6977477	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	B	White Spruce	Sphagnum Moss > 30cm	Good	Fine	
1028760	PED	7	613917	6977501	7/2/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Mud
1029501	PED	7	636481	6966139	6/2/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Sand	
1029502	PED	7	636442	6966285	6/2/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1029503	PED	7	636463	6966239	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Sand	
1029504	PED	7	636479	6966191	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Black Spruce	Leaf Cover	Good	Sand	
1029505	PED	7	636421	6966383	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	
1029506	PED	7	636427	6966332	6/2/2011	Grey	Gravel	Dry	Subtle Slope	40	C	Alders	Leaf Cover	Good	Rocky	
1029507	PED	7	636438	6966533	6/2/2011	Dark Brown	Clay	Damp	Flat	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1029508	PED	7	636423	6966633	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Bare Soil	Good	Coarse	
1029509	PED	7	636433	6966584	6/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Sand
1029511	PED	7	636440	6966482	6/2/2011	Light Bluish Grey	Clay	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	
1029512	PED	7	636481	6966139	6/2/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Sand	
1029513	PED	7	636427	6966433	6/2/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1029514	PED	7	636822	6968581	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Coarse	
1029515	PED	7	636450	6966832	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Poor	Clay	
1029518	PED	7	636428	6966735	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Sand	
1029519	PED	7	636439	6966783	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Bare Soil	Good	Rocky	
1029520	PED	7	636423	6966684	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Poplar	Leaf Cover	Excellent	Sand	
1029521	PED	7	636482	6966872	6/2/2011	Dark Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Sand	
1029522	PED	7	636517	6966909	6/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	B	Black Spruce	Leaf Cover	Good	Rocky	
1029523	PED	7	636581	6966986	6/2/2011	Dark Brown	Sand	Damp	Subtle Slope	110	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1029524	PED	7	636550	6966948	6/2/2011	Dark Brown	Sand	Damp	Flat	70	C	Black Spruce	Thin Moss Cover	Good	Sand	
1029525	PED	7	645690	6969796	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Leaf Cover	Excellent	Fine	
1029526	PED	7	645668	6969841	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Pine	Leaf Cover	Excellent	Coarse	
1029527	PED	7	645654	6969889	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	White Spruce	Leaf Cover	Excellent	Fine	
1029528	PED	7	645608	6969909	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	White Spruce	Leaf Cover	Excellent	Fine	
1029530	PED	7	645562	6969931	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Leaf Cover	Excellent	Fine	
1029531	PED	7	645513	6969924	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Leaf Cover	Excellent	Fine	
1029532	PED	7	645462	6969924	6/4/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Rocky	
1029533	PED	7	645414	6969913	6/4/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Rocky	
1029534	PED	7	645364	6969910	6/4/2011	Dark Brown	Sand	Wet	Flat	30	C	Black Spruce	Thin Moss Cover	Poor	Wet Soil	
1029535	PED	7	645326	6969880	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Fine	
1029536	PED	7	645302	6969835	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky	
1029537	PED	7	645279	6969791	6/4/2011	Reddish Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1029538	PED	7	645247	6969752	6/4/2011	Reddish Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1029539	PED	7	645205	6969724	6/4/2011	Dark Brown	Gravel	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Rocky	
1029540	PED	7	645178	6969682	6/4/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	40	C	White Spruce	Needle Cover	Excellent	Rocky	
1029541	PED	7	645139	6969649	6/4/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Rocky	
1029542	PED	7	645098	6969622	6/4/2011	Dark Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1029543	PED	7	645078	6969574	6/4/2011	Grey	Gravel	Dry	Subtle Slope	40	B	Black Spruce	Needle Cover	Good	Rocky	
1029544	PED	7	645037	6969543	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Coarse	
1029545	PED	7	644989	6969524	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1029546	PED	7	644940	6969512	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Leaf Cover	Good	Coarse	
1029547	PED	7	644887	6969514	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Leaf Cover	Good	Coarse	
1029548	PED	7	644837	6969521	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1029551	PED	7	637482	6971034	6/3/2011	Greyish Green	Sand	Dry	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	
1029552	PED	7	637528	6971011	6/3/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Willows	Bare Soil	Poor	Loess	
1029553	PED	7	637520	6970961	6/3/2011	Grey	Gravel	Damp	Pronounced Slope	50	C	Willows	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1029554	PED	7	637556	6970922	6/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Poplar	Bare Soil	Good	Coarse	
1029555	PED	7	637597	6970896	6/3/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Alders	Leaf Cover	Poor	Loess	
1029556	PED	7	637628	6970857	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1029557	PED	7	637654	6970813	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	Loess
1029558	PED	7	633695	6971727	6/4/2011	Grey	Gravel	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Organic 25%	
1029559	PED	7	633702	6971780	6/4/2011	Grey	Gravel	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1029560	PED	7	634747	6971599	6/5/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Good	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1029561	PED	7	640611	6969719	6/7/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	B	Dwarf Birch	Reindeer Moss	Poor	Rocky	
1029562	PED	7	634793	6971625	6/5/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Wet Soil	
1029563	PED	7	634623	6971506	6/5/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Poplar	Leaf Cover	Poor	Rocky	
1029564	PED	7	633766	6970624	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	110	C	Birch Forest	Leaf Cover	Excellent	Sand	Quartz Chips
1029565	PED	7	633766	6970624	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	110	C	Birch Forest	Leaf Cover	Excellent	Sand	Quartz Chips
1029566	PED	7	637313	6971145	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Clay	
1029567	PED	7	637267	6971167	6/3/2011	Grey	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Small Sample	
1029568	PED	7	637221	6971194	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Bare Soil	Poor	Clay	
1029569	PED	7	637182	6971226	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Bare Soil	Good	Clay	
1029570	PED	7	637149	6971264	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Willows	Bare Soil	Good	Coarse	
1029571	PED	7	637118	6971305	6/3/2011	Grey	Gravel	Damp	Flat	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	
1029572	PED	7	637086	6971344	6/3/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Grass Cover	Excellent	Sand	
1029573	PED	7	637056	6971384	6/3/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sand	
1029574	PED	7	637025	6971424	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Bare Soil	Good	Small Sample	Rocky
1029575	PED	7	637003	6971469	6/3/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1029576	PED	7	636969	6971508	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Dwarf Birch	Leaf Cover	Good	Coarse	
1029577	PED	7	636939	6971548	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Willows	Leaf Cover	Excellent	Coarse	
1029578	PED	7	636910	6971590	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1029579	PED	7	636882	6971632	6/3/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	
1029580	PED	7	636849	6971671	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1029581	PED	7	636819	6971713	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Willows	Leaf Cover	Excellent	Sand	
1029582	PED	7	636792	6971755	6/3/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	
1029583	PED	7	637355	6971114	6/3/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	20	B	Willows	Bare Soil	Poor	Loess	
1029584	PED	7	637403	6971093	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Bare Soil	Excellent	Sand	
1029585	PED	7	637439	6971060	6/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Poplar	Leaf Cover	Poor	Loess	
1029586	PED	7	633699	6971676	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	
1029587	PED	7	633693	6971626	6/4/2011	Chocolate Brown	Gravel	Damp	Steep	70	C	Birch Forest	Leaf Cover	Good	Organic 10%	
1029588	PED	7	633685	6971576	6/4/2011	Grey	Gravel	Wet	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	
1029589	PED	7	633681	6971526	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Birch Forest	Grass Cover	Good	Rocky	
1029590	PED	7	633682	6971475	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Birch Forest	Bare Soil	Good	Organic 10%	
1029591	PED	7	633689	6971426	6/4/2011	Grey	Gravel	Wet	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Organic 10%	
1029592	PED	7	633678	6971375	6/4/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Poor	Loess	
1029593	PED	7	633679	6971326	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Good	Clay	
1029594	PED	7	633681	6971274	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Good	Wet Soil	
1029595	PED	7	633693	6971223	6/4/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Poor	Wet Soil	
1029596	PED	7	633700	6971173	6/4/2011	Grey	Gravel	Damp	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Excellent	Rocky	
1029597	PED	7	633711	6971124	6/4/2011	Grey	Gravel	Dry	Steep	50	C	Birch Forest	Leaf Cover	Excellent	Rocky	
1029598	PED	7	633719	6971075	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Sand	
1029599	PED	7	633725	6971027	6/4/2011	Chocolate Brown	Gravel	Dry	Steep	50	C	Birch Forest	Grass Cover	Excellent	Rocky	
1029600	PED	7	633729	6970974	6/4/2011	Grey	Silt	Damp	Steep	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	Loess	
1029601	PED	7	635348	6975055	6/3/2011	Dark Brown	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Rock Cover	Poor	Rocky	Gravel Bar
1029602	PED	7	634481	6975256	6/3/2011	Dark Grey Black	Clay	Damp	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Partially Frozen
1029603	PED	7	634531	6975241	6/3/2011	Dark Grey Black	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky	Frozen
1029604	PED	7	634579	6975228	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Frozen
1029605	PED	7	634623	6975202	6/3/2011	Dark Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky	Wet Soil
1029606	PED	7	634661	6975169	6/3/2011	Dark Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029607	PED	7	634704	6975141	6/3/2011	Dark Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029608	PED	7	634750	6975118	6/3/2011	Dark Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029609	PED	7	634794	6975096	6/3/2011	Dark Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029610	PED	7	634838	6975071	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029611	PED	7	634887	6975055	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1029612	PED	7	634927	6975024	6/3/2011	Chocolate Brown	Clay	Damp	Flat	10	B	Dwarf Birch	Thin Moss Cover	Poor	Small Sample	
1029613	PED	7	634962	6974990	6/3/2011	Chocolate Brown	Clay	Wet	Flat	10	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029614	PED	7	635004	6974963	6/3/2011	Chocolate Brown	Clay	Damp	Flat	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029615	PED	7	635081	6974908	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029616	PED	7	635118	6974876	6/3/2011	Dark Brown	Clay	Damp	Flat	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Frozen
1029617	PED	7	635168	6974870	6/3/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029618	PED	7	635218	6974856	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029619	PED	7	635257	6974828	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029620	PED	7	635281	6974782	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029621	PED	7	635293	6974735	6/3/2011	Grey	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029622	PED	7	635295	6974684	6/3/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Poor	Wet Soil	
1029623	PED	7	635318	6974641	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029624	PED	7	635348	6974600	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029625	PED	7	635368	6974555	6/3/2011	Dark Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029626	PED	7	635395	6974508	6/3/2011	Dark Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Loess
1029627	PED	7	635432	6974474	6/3/2011	Grey	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029628	PED	7	645724	6969702	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Black Spruce	Leaf Cover	Excellent	Sand	
1029629	PED	7	645710	6969750	6/4/2011	Chocolate Brown	Sand	Dry	Flat	110	C	Black Spruce	Bare Soil	Excellent	Fine	
1029635	PED	7	645743	6969655	6/4/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	B	Poplar	Leaf Cover	Good	Sand	
1029636	PED	7	634985	6969718	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Sand	
1029637	PED	7	635081	6969756	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1029638	PED	7	635033	6969738	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1029639	PED	7	634941	6969695	6/6/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	40	C	Poplar	Bare Soil	Excellent	Sand	
1029640	PED	7	645379	6970905	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Needle Cover	Excellent	Sand	
1029641	PED	7	645410	6970945	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Needle Cover	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1029642	PED	7	645466	6970964	6/11/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Pine	Needle Cover	Excellent	Sand	
1029643	PED	7	641496	6975595	6/10/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Sand	
1029644	PED	7	641518	6975645	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1029645	PED	7	641530	6975704	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1029646	PED	7	641542	6975752	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1029647	PED	7	641547	6975914	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Excellent	Sand	
1029648	PED	7	641533	6975803	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1029649	PED	7	641561	6976084	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1029650	PED	7	641544	6975858	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Excellent	Sand	
1029651	PED	7	635692	6971297	6/5/2011	Chocolate Brown	Clay	Wet	Flat	40	B	Alders	Sphagnum Moss < 30cm	Poor	Clay	
1029652	PED	7	635886	6972368	6/5/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	C	Subalpine Fir	Thin Moss Cover	Good	Coarse	
1029653	PED	7	635918	6972407	6/5/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Partially Frozen	
1029654	PED	7	635947	6972450	6/5/2011	Chocolate Brown	Silt	Wet	Subtle Slope	50	C	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse	
1029655	PED	7	639820	6970758	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Rocky	
1029656	PED	7	639896	6970997	6/9/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1029657	PED	7	639912	6971046	6/9/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1029658	PED	7	639929	6971095	6/9/2011	Dark Brown	Gravel	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1029659	PED	7	639952	6971140	6/9/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	
1029660	PED	7	639986	6971178	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Excellent	Fine	
1029661	PED	7	639878	6970952	6/9/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1029662	PED	7	640004	6971279	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1029663	PED	7	639822	6970809	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	0	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1029664	PED	7	639834	6970858	6/9/2011	Dark Brown	Gravel	Damp	Pronounced Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1029665	PED	7	639857	6970903	6/9/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Birch Forest	Grass Cover	Good	Rocky	Quartz Chips
1029666	PED	7	639995	6971228	6/9/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1029667	PED	7	640043	6971369	6/9/2011	Reddish Yellow	Silt	Damp	Subtle Slope	60	B	Birch Forest	Leaf Cover	Excellent	Coarse	
1029668	PED	7	640014	6971327	6/9/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1029669	PED	7	640083	6971399	6/9/2011	Reddish Yellow	Gravel	Damp	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Quartz Chips
1029670	PED	7	640158	6971580	6/9/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1029671	PED	7	640151	6971531	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	Poplar	Bare Soil	Excellent	Coarse	
1029672	PED	7	640137	6971482	6/9/2011	Dark Brown	Silt	Dry	Subtle Slope	20	B	Dwarf Birch	Sphagnum Moss > 30cm	Excellent	Rocky	Sand
1029673	PED	7	640117	6971436	6/9/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Reindeer Moss	Good	Sand	
1029674	PED	7	640213	6971828	6/9/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Good	Organic 10%	Rocky
1029675	PED	7	643036	6975713	6/10/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Poplar	Leaf Cover	Excellent	Fine	
1029676	PED	7	642986	6975703	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Pine	Needle Cover	Good	Rocky	
1029677	PED	7	642936	6975714	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1029678	PED	7	642888	6975702	6/10/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1029679	PED	7	642838	6975688	6/10/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Top layer
1029680	PED	7	642794	6975661	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Pine	Needle Cover	Excellent	Fine	
1029681	PED	7	642749	6975638	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1029682	PED	7	642707	6975610	6/10/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Pine	Needle Cover	Excellent	Fine	
1029683	PED	7	642707	6975610	6/10/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Pine	Needle Cover	Excellent	Fine	
1029684	PED	7	642657	6975608	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1029685	PED	7	642606	6975610	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Needle Cover	Excellent	Coarse	
1029686	PED	7	642562	6975586	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Needle Cover	Good	Sand	
1029687	PED	7	642537	6975539	6/10/2011	Grey	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1029688	PED	7	642496	6975512	6/10/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Grass Cover	Good	Rocky	Quartz Chips
1029689	PED	7	642461	6975475	6/10/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Rocky
1029690	PED	7	642447	6975427	6/10/2011	Dark Brown	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1029691	PED	7	642429	6975382	6/10/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1029692	PED	7	642390	6975350	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Grass Cover	Excellent	Coarse	
1029693	PED	7	642356	6975314	6/10/2011	Chocolate Brown	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1029694	PED	7	642278	6975252	6/10/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Pine	Sphagnum Moss > 30cm	Good	Rocky	
1029695	PED	7	642325	6975272	6/10/2011	Dark Blue Black	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1029696	PED	7	642138	6975185	6/10/2011	Dark Grey Black	Gravel	Damp	Subtle Slope	60	C	White Spruce	Needle Cover	Excellent	Coarse	
1029697	PED	7	642182	6975225	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1029698	PED	7	642132	6975215	6/10/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Grass Cover	Excellent	Coarse	
1029699	PED	7	642084	6975225	6/10/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1029700	PED	7	642041	6975251	6/10/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	White Spruce	Thin Moss Cover	Excellent	Rocky	
1029701	PED	7	634626	6968746	6/6/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	80	B	Poplar	Leaf Cover	Good	Fine	
1029702	PED	7	634577	6968729	6/6/2011	Reddish Brown	Gravel	Damp	Pronounced Slope	90	C	Poplar	Grass Cover	Good	Coarse	
1029703	PED	7	634540	6968693	6/6/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	70	B	Alders	Leaf Cover	Good	Fine	
1029704	PED	7	634489	6968680	6/6/2011	Chocolate Brown	Sand	Dry	Steep	110	B	Poplar	Leaf Cover	Good	Fine	
1029705	PED	7	634440	6968667	6/6/2011	Light Brown	Sand	Damp	Steep	100	C	White Spruce	Leaf Cover	Good	Quartz Chips	Transported Soil
1029706	PED	7	634440	6968667	6/6/2011	Light Brown	Sand	Damp	Steep	100	C	White Spruce	Leaf Cover	Good	Transported Soil	Quartz Chips
1029707	PED	7	634390	6968652	6/6/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Good	Transported Soil	
1029708	PED	7	634339	6968638	6/6/2011	Dark Brown	Silt	Damp	Pronounced Slope	100	B	Birch Forest	Leaf Cover	Poor	Transported Soil	
1029709	PED	7	640486	6969440	6/7/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Dwarf Birch	Leaf Cover	Good	Fine	
1029710	PED	7	640531	6969415	6/7/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1029711	PED	7	640567	6969376	6/7/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	
1029712	PED	7	640600	6969338	6/7/2011	Dark Olivine Green	Gravel	Wet	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Good	Coarse	
1029713	PED	7	640633	6969298	6/7/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Sand	
1029714	PED	7	640684	6969287	6/7/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Sand	
1029715	PED	7	640732	6969269	6/7/2011	Dark Blue Black	Gravel	Dry	Pronounced Slope	60	C	Alders	Leaf Cover	Good	Coarse	
1029716	PED	7	640785	6969269	6/7/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Good	Rocky	
1029717	PED	7	640836	6969260	6/7/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Good	Rocky	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1029718	PED	7	640887	6969247	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Sand	
1029719	PED	7	640934	6969229	6/7/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	
1029720	PED	7	640977	6969200	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Leaf Cover	Excellent	Sand	
1029721	PED	7	641027	6969203	6/7/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Sand	
1029722	PED	7	641080	6969207	6/7/2011	Reddish Yellow	Sand	Dry	Flat	50	C	Black Spruce	Leaf Cover	Excellent	Sand	
1029723	PED	7	641128	6969184	6/7/2011	Dark Olivine Green	Sand	Dry	Flat	50	C	Birch Forest	Leaf Cover	Excellent	Sand	
1029724	PED	7	641157	6969143	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1029725	PED	7	641188	6969101	6/7/2011	Reddish Yellow	Sand	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029726	PED	7	641228	6969068	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1029727	PED	7	641271	6969039	6/7/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Coarse	
1029728	PED	7	641297	6968994	6/7/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029729	PED	7	641330	6968952	6/7/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Sand	
1029730	PED	7	641371	6968918	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029731	PED	7	641413	6968890	6/7/2011	Chocolate Brown	Sand	Dry	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1029732	PED	7	641442	6968848	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Sand	Quartz Chips
1029733	PED	7	641478	6968810	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Sand	
1029734	PED	7	641528	6968794	6/7/2011	Chocolate Brown	Gravel	Damp	Flat	40	C	Birch Forest	Leaf Cover	Good	Fine	
1029735	PED	7	641566	6968758	6/7/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029736	PED	7	641599	6968716	6/7/2011	Chocolate Brown	Silt	Dry	Subtle Slope	20	C	Poplar	Leaf Cover	Good	Sand	
1029737	PED	7	641650	6968703	6/7/2011	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Leaf Cover	Excellent	Sand	
1029738	PED	7	641695	6968679	6/7/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1029739	PED	7	641747	6968676	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	B	White Spruce	Leaf Cover	Good	Fine	
1029740	PED	7	641797	6968686	6/7/2011	Reddish Orange	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1029741	PED	7	641797	6968686	6/7/2011	Reddish Orange	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1029742	PED	7	641843	6968707	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Rocky	
1029743	PED	7	641891	6968723	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	100	C	White Spruce	Leaf Cover	Excellent	Sand	
1029744	PED	7	641939	6968744	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Alders	Leaf Cover	Excellent	Sand	
1029745	PED	7	641985	6968770	6/8/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1029746	PED	7	642033	6968789	6/8/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029747	PED	7	642042	6968839	6/8/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1029748	PED	7	642092	6968851	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	100	B	White Spruce	Grass Cover	Good	Fine	
1029749	PED	7	642141	6968869	6/8/2011	Chocolate Brown	Clay	Wet	Flat	60	B	Birch Forest	Leaf Cover	Poor	Wet Soil	
1029750	PED	7	642192	6968880	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sand	
1029751	PED	7	643772	6971141	6/12/2011	Chocolate Brown	Sand	Dry	Steep	30	B	Poplar	Grass Cover	Good	Transported Soil	
1029752	PED	7	635809	6969790	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	
1029753	PED	7	635739	6969768	6/6/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	B	Poplar	Leaf Cover	Good	Clay	
1029754	PED	7	635740	6969715	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Sand	
1029755	PED	7	635740	6969715	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Sand	
1029756	PED	7	643838	6971057	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Transported Soil	
1029757	PED	7	643804	6971100	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1029758	PED	7	644868	6968565	6/8/2011	Chocolate Brown	Sand	Dry	Steep	30	B	Poplar	Grass Cover	Good	Transported Soil	
1029759	PED	7	644823	6968552	6/8/2011	Chocolate Brown	Clay	Dry	Steep	20	B	Poplar	Grass Cover	Poor	Transported Soil	
1029760	PED	7	635812	6969844	6/6/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Sand	
1029761	PED	7	635780	6969883	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Big Round Boulders	
1029762	PED	7	635739	6969922	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1029763	PED	7	635718	6969969	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029764	PED	7	635692	6970020	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1029765	PED	7	635692	6970020	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1029766	PED	7	635663	6970069	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1029767	PED	7	635630	6970121	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1029768	PED	7	635611	6970234	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Poplar	Leaf Cover	Excellent	Coarse	
1029769	PED	7	635625	6970288	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1029770	PED	7	635607	6970340	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Excellent	Coarse	
1029771	PED	7	635623	6970391	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029772	PED	7	635606	6970440	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Excellent	Coarse	
1029773	PED	7	635603	6970490	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1029774	PED	7	635617	6970543	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Poplar	Leaf Cover	Excellent	Coarse	
1029775	PED	7	635620	6970595	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1029776	PED	7	635616	6970651	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1029777	PED	7	635590	6970698	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Clay	
1029778	PED	7	635568	6970745	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Clay	
1029779	PED	7	635549	6970801	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Poplar	Grass Cover	Excellent	Coarse	
1029780	PED	7	635558	6970855	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1029781	PED	7	635554	6970912	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Coarse	
1029782	PED	7	635571	6970959	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1029783	PED	7	635572	6971017	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1029784	PED	7	635579	6971073	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1029785	PED	7	635598	6971117	6/6/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Sand	
1029786	PED	7	635624	6971162	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Poplar	Sphagnum Moss < 30cm	Excellent	Clay	
1029787	PED	7	635653	6971202	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Clay	
1029788	PED	7	635671	6971251	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1029801	PED	7	634479	6971447	6/5/2011	Grey	Gravel	Damp	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Good	Rocky	
1029802	PED	7	635658	6971921	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1029803	PED	7	634531	6971469	6/5/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	20	B	Poplar	Leaf Cover	Poor	Rocky	
1029804	PED	7	634435	6971418	6/5/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Rocky	
1029805	PED	7	634385	6971405	6/5/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Poplar	Leaf Cover	Poor	Rocky	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1029806	PED	7	639491	6969759	6/7/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Sand	
1029807	PED	7	639444	6969787	6/7/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Excellent	Sand	
1029808	PED	7	634723	6969560	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Bare Soil	Good	Rocky	
1029809	PED	7	634686	6969525	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029810	PED	7	634588	6969509	6/6/2011	Reddish Yellow	Sand	Dry	Steep	40	C	Poplar	Bare Soil	Good	Fine	
1029811	PED	7	634807	6969612	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Bare Soil	Excellent	Sand	
1029812	PED	7	634852	6969638	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1029813	PED	7	634898	6969665	6/6/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	Poplar	Bare Soil	Good	Clay	
1029814	PED	7	639535	6969741	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Excellent	Sand	
1029815	PED	7	639585	6969724	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	Sand	
1029816	PED	7	634765	6969587	6/6/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Bare Soil	Excellent	Sand	
1029817	PED	7	634641	6969501	6/6/2011	Reddish Yellow	Sand	Dry	Steep	30	C	Poplar	Grass Cover	Excellent	Fine	
1029818	PED	7	634841	6971644	6/5/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Bare Soil	Excellent	Sand	
1029819	PED	7	634885	6971670	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	
1029820	PED	7	634935	6971672	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Excellent	Sand	
1029821	PED	7	634984	6971687	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Sand	
1029822	PED	7	635037	6971691	6/5/2011	Grey	Sand	Damp	Subtle Slope	40	C	White Spruce	Bare Soil	Excellent	Sand	
1029823	PED	7	635088	6971701	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Bare Soil	Excellent	Sand	
1029824	PED	7	635135	6971716	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	
1029825	PED	7	635181	6971737	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	
1029826	PED	7	635229	6971757	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Sand	
1029827	PED	7	635272	6971784	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Alders	Sphagnum Moss < 30cm	Good	Sand	
1029828	PED	7	635320	6971803	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Small Sample	
1029829	PED	7	635372	6971812	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Alders	Sphagnum Moss < 30cm	Good	Wet Soil	
1029830	PED	7	635424	6971822	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Clay	
1029831	PED	7	635471	6971838	6/5/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Dwarf Birch	Leaf Cover	Good	Sand	
1029832	PED	7	635520	6971856	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	
1029833	PED	7	635564	6971878	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Dwarf Birch	Bare Soil	Excellent	Sand	
1029834	PED	7	635612	6971897	6/5/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1029835	PED	7	639248	6969854	6/7/2011	Chocolate Brown	Gravel	Damp	Flat	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	
1029836	PED	7	639298	6969838	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1029837	PED	7	639341	6969813	6/7/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	Fine
1029838	PED	7	639391	6969794	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Excellent	Rocky	
1029839	PED	7	635570	6970136	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1029840	PED	7	635533	6970106	6/6/2011	Dark Blue Black	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Excellent	Sand	
1029841	PED	7	635490	6970066	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1029842	PED	7	635449	6970033	6/6/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Sand	
1029843	PED	7	635405	6970003	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Sand	
1029844	PED	7	635374	6969962	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029845	PED	7	635339	6969921	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Sand	
1029846	PED	7	635296	6969889	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Clay	
1029847	PED	7	635261	6969849	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029848	PED	7	635222	6969815	6/6/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029849	PED	7	635175	6969795	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	20	C	Poplar	Bare Soil	Excellent	Sand	
1029850	PED	7	635130	6969767	6/6/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Clay	
1029851	PED	7	640160	6971630	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1029852	PED	7	639645	6970525	6/9/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Dwarf Birch	Leaf Cover	Excellent	Rocky	Coarse
1029853	PED	7	639645	6970525	6/9/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Dwarf Birch	Leaf Cover	Excellent	Rocky	Coarse
1029854	PED	7	639688	6970549	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Needle Cover	Good	Coarse	
1029855	PED	7	639725	6970586	6/9/2011	Dark Olivine Green	Gravel	Damp	Pronounced Slope	50	C	Dwarf Birch	Leaf Cover	Good	Coarse	
1029856	PED	7	639739	6970634	6/9/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1029857	PED	7	639780	6970667	6/9/2011	Dark Brown	Sand	Damp	Pronounced Slope	20	C	White Spruce	Leaf Cover	Good	Top layer	Rocky
1029858	PED	7	634583	6972208	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029859	PED	7	634637	6972210	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Clay	
1029860	PED	7	634637	6972210	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Clay	
1029861	PED	7	634692	6972198	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Clay	
1029862	PED	7	634740	6972192	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1029863	PED	7	634787	6972201	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1029864	PED	7	634843	6972209	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029865	PED	7	634902	6972229	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	Clay
1029866	PED	7	634948	6972261	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1029867	PED	7	634990	6972290	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Sand	
1029868	PED	7	635038	6972311	6/5/2011	Reddish Yellow	Silt	Dry	Pronounced Slope	110	C	Poplar	Leaf Cover	Excellent	Sand	
1029869	PED	7	635083	6972338	6/5/2011	Yellow	Sand	Dry	Pronounced Slope	110	C	Poplar	Leaf Cover	Excellent	Sand	
1029870	PED	7	635127	6972364	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1029871	PED	7	635165	6972396	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1029872	PED	7	635208	6972422	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	
1029873	PED	7	635258	6972456	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	Sand
1029874	PED	7	635300	6972485	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse	
1029875	PED	7	635347	6972501	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse	
1029876	PED	7	635394	6972515	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Sand	
1029877	PED	7	635439	6972532	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Clay	
1029878	PED	7	635489	6972530	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Clay	
1029879	PED	7	635537	6972525	6/5/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1029880	PED	7	635591	6972521	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Sand	
1029881	PED	7	635643	6972525	6/5/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1029882	PED	7	635689	6972519	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Clay	
1029883	PED	7	635740	6972531	6/5/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1029884	PED	7	635795	6972536	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Clay	
1029885	PED	7	635880	6972584	6/5/2011	Dark Blue Black	Clay	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1029886	PED	7	635926	6972604	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	No Tree Cover	Sphagnum Moss < 30cm	Good	Clay	
1029901	PED	7	636740	6971707	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1029902	PED	7	636592	6970471	6/6/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1029903	PED	7	636596	6970521	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Black Spruce	Leaf Cover	Good	Fine	
1029904	PED	7	636600	6970571	6/6/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Clay
1029905	PED	7	636610	6970621	6/6/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Rocky
1029906	PED	7	636621	6970669	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Rocky	
1029907	PED	7	636626	6970720	6/6/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Alders	Thin Moss Cover	Good	Rocky	
1029908	PED	7	636617	6970770	6/6/2011	Light Brown	Gravel	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Rocky	
1029909	PED	7	636624	6970870	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Rocky	Coarse
1029910	PED	7	636568	6970426	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	20	C	Black Spruce	Leaf Cover	Good	Fine	
1029911	PED	7	636558	6970377	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1029912	PED	7	636618	6970820	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Rocky	
1029913	PED	7	636625	6970919	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1029914	PED	7	636618	6970969	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Alders	Leaf Cover	Good	Coarse	
1029915	PED	7	636623	6971019	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Alders	Leaf Cover	Excellent	Fine	
1029916	PED	7	636633	6971069	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Alders	Sphagnum Moss < 30cm	Good	Fine	
1029917	PED	7	636639	6971120	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	C	Alders	Leaf Cover	Good	Rocky	
1029918	PED	7	636639	6971169	6/6/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Alders	Leaf Cover	Good	Fine	
1029919	PED	7	636655	6971218	6/6/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Black Spruce	Leaf Cover	Good	Fine	
1029920	PED	7	636665	6971267	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Alders	Leaf Cover	Good	Coarse	
1029921	PED	7	636682	6971366	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Clay	
1029922	PED	7	636667	6971317	6/6/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	C	Alders	Thin Moss Cover	Good	Rocky	
1029923	PED	7	636697	6971415	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1029924	PED	7	636711	6971463	6/6/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Rocky	Coarse
1029925	PED	7	636726	6971511	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Leaf Cover	Good	Coarse	Rocky
1029926	PED	7	636748	6971557	6/6/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1029927	PED	7	636757	6971608	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Gravel Bar	
1029928	PED	7	636750	6971657	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Sand	
1029929	PED	7	636726	6971755	6/6/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1029930	PED	7	636738	6971803	6/6/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1029931	PED	7	636543	6970329	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Leaf Cover	Excellent	Fine	Rocky
1029932	PED	7	636716	6971848	6/6/2011	Dark Brown	Silt	Damp	Subtle Slope	20	C	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029933	PED	7	636500	6970301	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1029934	PED	7	636481	6970254	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Poplar	Leaf Cover	Good	Rocky	Coarse
1029935	PED	7	636702	6971897	6/6/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1029936	PED	7	634536	6969501	6/6/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Bare Soil	Excellent	Fine	
1029937	PED	7	634497	6969470	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Bare Soil	Excellent	Fine	
1029938	PED	7	634451	6969449	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Sand	
1029939	PED	7	634403	6969441	6/6/2011	Grey	Gravel	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1029940	PED	7	634353	6969432	6/6/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Rocky	
1029941	PED	7	634298	6969418	6/6/2011	Grey	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1029942	PED	7	634243	6969414	6/6/2011	Grey	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Bare Soil	Good	Clay	
1029943	PED	7	634185	6969405	6/6/2011	Grey	Clay	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1029944	PED	7	638937	6969896	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Excellent	Sand	
1029945	PED	7	638984	6969892	6/7/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Sand	
1029946	PED	7	639039	6969875	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Willows	Sphagnum Moss < 30cm	Excellent	Sand	
1029947	PED	7	639088	6969864	6/7/2011	Light Grey	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	Fine
1029948	PED	7	639088	6969864	6/7/2011	Light Grey	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	Fine
1029949	PED	7	639141	6969864	6/7/2011	Light Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Excellent	Sand	Fine
1029950	PED	7	639195	6969854	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Reindeer Moss	Good	Rocky	
1029951	PED	7	634518	6972826	6/5/2011	Chocolate Brown	Clay	Dry	Subtle Slope	30	C	Birch Forest	Leaf Cover	Good	Sand	
1029952	PED	7	635387	6973823	6/5/2011	Dark Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1029953	PED	7	635351	6973789	6/5/2011	Dark Brown	Clay	Damp	Subtle Slope	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Organic 10%
1029954	PED	7	635307	6973762	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Coarse
1029955	PED	7	635271	6973727	6/5/2011	Light Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Bare Soil	Good	Rocky	
1029956	PED	7	635230	6973698	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1029957	PED	7	635191	6973667	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Coarse
1029958	PED	7	635153	6973633	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Coarse
1029959	PED	7	635115	6973600	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Coarse
1029960	PED	7	635073	6973573	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Fine	
1029961	PED	7	635027	6973551	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1029962	PED	7	634987	6973521	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1029963	PED	7	634946	6973490	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	20	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1029964	PED	7	634903	6973462	6/5/2011	Chocolate Brown	Clay	Dry	Subtle Slope	20	C	Dwarf Birch	Leaf Cover	Poor	Sand	
1029965	PED	7	634859	6973438	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	C	Black Spruce	Leaf Cover	Poor	Organic 10%	
1029966	PED	7	634830	6973395	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Leaf Cover	Good	Coarse	
1029968	PED	7	634800	6973356	6/5/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Alders	Leaf Cover	Poor	Coarse	
1029969	PED	7	636457	6970155	6/6/2011	Chocolate Brown	Sand	Dry	Steep	40	B	Poplar	Leaf Cover	Good	Coarse	
1029970	PED	7	634766	6973318	6/5/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Poor	Rocky	
1029971	PED	7	634748	6973272	6/5/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Birch Forest	Leaf Cover	Good	Rocky	Coarse
1029972	PED	7	634722	6973229	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Birch Forest	Grass Cover	Good	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1029973	PED	7	634700	6973182	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Birch Forest	Leaf Cover	Poor	Rocky	
1029974	PED	7	634670	6973141	6/5/2011	Dark Brown	Clay	Dry	Subtle Slope	50	C	Alders	Leaf Cover	Good	Rocky	
1029975	PED	7	634658	6973092	6/5/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Leaf Cover	Good	Coarse	
1029976	PED	7	634630	6973049	6/5/2011	Chocolate Brown	Clay	Dry	Subtle Slope	70	C	Alders	Leaf Cover	Excellent	Coarse	Sand
1029977	PED	7	634609	6973003	6/5/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	C	Alders	Leaf Cover	Good	Sand	
1029978	PED	7	634609	6973003	6/5/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	C	Alders	Leaf Cover	Good	Sand	
1029979	PED	7	634582	6972961	6/5/2011	Grey	Sand	Dry	Subtle Slope	30	C	Black Spruce	Sphagnum Moss > 30cm	Good	Sand	
1029980	PED	7	634573	6972911	6/5/2011	Grey	Clay	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sand	
1029981	PED	7	634543	6972870	6/5/2011	Grey	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Clay	Coarse
1029982	PED	7	635417	6973864	6/5/2011	Dark Brown	Clay	Damp	Flat	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	
1030501	PED	7	642242	6968869	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030502	PED	7	642288	6968846	6/8/2011	Reddish Brown	Sand	Dry	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030503	PED	7	642326	6968809	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Leaf Cover	Excellent	Sand	
1030504	PED	7	642375	6968794	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1030505	PED	7	642426	6968805	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1030506	PED	7	642476	6968818	6/8/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Excellent	Sand	
1030507	PED	7	642526	6968829	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Leaf Cover	Excellent	Sand	
1030508	PED	7	642577	6968829	6/8/2011	Chocolate Brown	Sand	Damp	Flat	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	
1030509	PED	7	642628	6968824	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	
1030510	PED	7	642680	6968815	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Fine	
1030511	PED	7	642723	6968785	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Willows	Leaf Cover	Excellent	Sand	
1030512	PED	7	642774	6968783	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1030513	PED	7	642825	6968793	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030514	PED	7	642869	6968818	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sand	
1030515	PED	7	642922	6968813	6/8/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1030516	PED	7	642972	6968832	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	White Spruce	Leaf Cover	Good	Fine	Fine
1030517	PED	7	643024	6968848	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	
1030518	PED	7	643076	6968850	6/8/2011	Reddish Orange	Sand	Dry	Subtle Slope	50	C	Willows	Needle Cover	Excellent	Sand	
1030519	PED	7	643128	6968845	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Alders	Leaf Cover	Excellent	Sand	
1030520	PED	7	643165	6968809	6/8/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1030521	PED	7	643210	6968783	6/8/2011	Reddish Orange	Sand	Dry	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Sand	
1030522	PED	7	643254	6968755	6/8/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	B	Poplar	Grass Cover	Poor	Fine	
1030523	PED	7	643303	6968736	6/8/2011	Dark Brown	Clay	Damp	Subtle Slope	90	B	Alders	Sphagnum Moss < 30cm	Poor	Wet Soil	
1030524	PED	7	643347	6968709	6/8/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	Partially Frozen
1030525	PED	7	640585	6970338	6/9/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1030526	PED	7	640605	6970387	6/9/2011	Chocolate Brown	Gravel	Damp	Flat	30	C	White Spruce	Leaf Cover	Good	Sand	
1030527	PED	7	640613	6970439	6/9/2011	Chocolate Brown	Sand	Dry	Flat	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030528	PED	7	640619	6970492	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Sand	
1030529	PED	7	640623	6970542	6/9/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Clay	
1030530	PED	7	640642	6970589	6/9/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	Alders	Leaf Cover	Good	Sand	
1030531	PED	7	640654	6970639	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1030532	PED	7	640658	6970691	6/9/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Alders	Leaf Cover	Good	Fine	
1030533	PED	7	640670	6970741	6/9/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	B	Alders	Leaf Cover	Good	Sand	
1030534	PED	7	640662	6970793	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Alders	Leaf Cover	Excellent	Sand	
1030535	PED	7	640667	6970846	6/9/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1030536	PED	7	640673	6970897	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Leaf Cover	Excellent	Sand	
1030537	PED	7	640678	6970949	6/9/2011	Dark Olivine Green	Sand	Dry	Flat	50	C	White Spruce	Grass Cover	Excellent	Sand	
1030538	PED	7	640704	6970997	6/9/2011	Dark Grey Black	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1030539	PED	7	640724	6971044	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1030540	PED	7	640735	6971095	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	Sand	
1030541	PED	7	640735	6971147	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030542	PED	7	640738	6971201	6/9/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1030543	PED	7	640741	6971254	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Sand	
1030544	PED	7	640779	6971289	6/9/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	
1030545	PED	7	640811	6971330	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Fine	
1030546	PED	7	640850	6971360	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1030547	PED	7	640880	6971401	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Birch Forest	Leaf Cover	Good	Sand	
1030548	PED	7	640920	6971435	6/9/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1030549	PED	7	640955	6971474	6/9/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Alders	Leaf Cover	Excellent	Rocky	
1030550	PED	7	640997	6971504	6/9/2011	Reddish Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Leaf Cover	Good	Fine	Quartz Chips
1030551	PED	7	637341	6968125	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Birch Forest	Leaf Cover	Good	Sand	
1030552	PED	7	637270	6968064	6/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1030553	PED	7	637189	6968004	6/2/2011	Reddish Orange	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030554	PED	7	637129	6967924	6/2/2011	Reddish Brown	Gravel	Dry	Subtle Slope	30	C	White Spruce	Leaf Cover	Excellent	Coarse	
1030555	PED	7	637066	6967850	6/2/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1030556	PED	7	637026	6967756	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Sand	
1030557	PED	7	637005	6967655	6/2/2011	Chocolate Brown	Sand	Dry	Flat	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1030558	PED	7	636988	6967553												
1030559	PED	7	636957	6967462	6/2/2011	Reddish Brown	Gravel	Dry	Flat	40	C	Birch Forest	Leaf Cover	Good	Coarse	
1030560	PED	7	636898	6967377	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	
1030561	PED	7	636829	6967247	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1030562	PED	7	636791	6967214	6/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1030563	PED	7	636721	6967136	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Poplar	Grass Cover	Excellent	Sand	
1030565	PED	7	636910	6972001	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Dwarf Birch	Bare Soil	Excellent	Sand	
1030566	PED	7	636858	6971996	6/3/2011	Chocolate Brown	Clay	Damp	Steep	40	B	Dwarf Birch	Leaf Cover	Good	Coarse	
1030567	PED	7	636808	6971980	6/3/2011	Dark Blue Black	Sand	Dry	Pronounced Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1030568	PED	7	636759	6971967	6/3/2011	Dark Blue Black	Sand	Dry	Steep	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1030569	PED	7	636714	6971944	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Willows	Bare Soil	Excellent	Sand	
1030570	PED	7	636663	6971952	6/3/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	30	C	Subalpine Fir	Bare Soil	Excellent	Coarse	
1030571	PED	7	636616	6971975	6/3/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1030572	PED	7	636573	6972005	6/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1030573	PED	7	636527	6972029	6/3/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Leaf Cover	Excellent	Sand	
1030574	PED	7	636480	6972054	6/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine	
1030575	PED	7	636435	6972080	6/3/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1030576	PED	7	636402	6972117	6/3/2011	Dark Brown	Clay	Damp	Subtle Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Small Sample	
1030577	PED	7	636362	6972150	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sand	
1030578	PED	7	636322	6972184	6/3/2011	Dark Blue Black	Sand	Damp	Subtle Slope	30	B	Subalpine Fir	Leaf Cover	Good	Sand	
1030579	PED	7	636290	6972224	6/3/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1030580	PED	7	636260	6972266	6/3/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Excellent	Sand	
1030581	PED	7	636230	6972307	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Small Sample	
1030582	PED	7	636193	6972346	6/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Dwarf Birch	Bare Soil	Good	Fine	Quartz Chips
1030583	PED	7	636167	6972390	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Dwarf Birch	Sphagnum Moss > 30cm	Excellent	Sand	
1030584	PED	7	636142	6972434	6/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Wet Soil	
1030585	PED	7	636118	6972480	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Subalpine Fir	Sphagnum Moss < 30cm	Excellent	Sand	
1030586	PED	7	636087	6972521	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Fine	
1030587	PED	7	636050	6972559	6/3/2011	Chocolate Brown	Sand	Damp	Flat	20	C	Willows	Rock Cover	Poor	Organic 10%	Small Sample
1030588	PED	7	636034	6972608	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sand	
1030589	PED	7	636010	6972652	6/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1030590	PED	7	635997	6972704	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1030591	PED	7	635967	6972744	6/3/2011	Dark Brown	Clay	Damp	Subtle Slope	20	B	Subalpine Fir	Sphagnum Moss > 30cm	Poor	Wet Soil	
1030592	PED	7	635967	6972744	6/3/2011	Dark Brown	Clay	Damp	Subtle Slope	20	B	Subalpine Fir	Sphagnum Moss > 30cm	Good	Wet Soil	
1030593	PED	7	635938	6972788	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	
1030594	PED	7	635899	6972884	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1030595	PED	7	635896	6972935	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips	
1030596	PED	7	635896	6972935	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips	
1030597	PED	7	635504	6971023	6/5/2011	Dark Blue Black	Clay	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1030598	PED	7	635453	6971011	6/5/2011	Dark Blue Black	Gravel	Wet	Pronounced Slope	60	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Wet Soil	
1030599	PED	7	635411	6970981	6/5/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	100	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Wet Soil	
1030600	PED	7	635362	6970966	6/5/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	70	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Wet Soil	
1030613	PED	7	635799	6973295	6/3/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	Big Round Boulders
1030614	PED	7	635832	6973256	6/3/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1030615	PED	7	635847	6973207	6/3/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Small Sample
1030616	PED	7	635857	6973157	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1030617	PED	7	635868	6973107	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Small Sample
1030618	PED	7	635881	6973056	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1030619	PED	7	635904	6973011	6/3/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor	Clay	Big Round Boulders
1030620	PED	7	635893	6972966	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1030621	PED	7	633798	6970270	6/4/2011	Chocolate Brown	Silt	Dry	Steep	80	C	White Spruce	Needle Cover	Poor	Transported Soil	
1030623	PED	7	633816	6970320	6/4/2011	Dark Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Grass Cover	Excellent	Clay	Coarse
1030624	PED	7	633772	6970227	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1030625	PED	7	633741	6970188	6/4/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	A	Poplar	Leaf Cover	Poor	Transported Soil	
1030626	PED	7	633720	6970142	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1030627	PED	7	633688	6970101	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1030628	PED	7	633678	6970056	6/4/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030629	PED	7	633664	6970002	6/4/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	70	B	Poplar	Sphagnum Moss < 30cm	Poor	Coarse	
1030630	PED	7	633649	6969956	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1030631	PED	7	633612	6969921	6/4/2011	Dark Grey Black	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Clay	
1030632	PED	7	633609	6969868	6/4/2011	Dark Grey Black	Gravel	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1030633	PED	7	633621	6969818	6/4/2011	Dark Grey Black	Gravel	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030634	PED	7	633641	6969769	6/4/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1030635	PED	7	633656	6969718	6/4/2011	Dark Grey Black	Clay	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Sand	Coarse
1030636	PED	7	633664	6969666	6/4/2011	Dark Grey Black	Clay	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1030637	PED	7	633673	6969616	6/4/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Clay	Coarse
1030638	PED	7	635721	6973337	6/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor		Partially Frozen
1030639	PED	7	635686	6973372	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Clay	
1030640	PED	7	635686	6973422	6/3/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	Small Sample
1030641	PED	7	635658	6973465	6/3/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1030642	PED	7	635634	6973510	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Needle Cover	Excellent	Coarse	Small Sample
1030643	PED	7	635617	6973555	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1030644	PED	7	635595	6973599	6/3/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1030645	PED	7	635569	6973642	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1030646	PED	7	635550	6973689	6/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1030647	PED	7	635529	6973736	6/3/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1030651	PED	7	642748	6970063	6/9/2011	Grey	Sand	Dry	Pronounced Slope	30	C	Poplar	Bare Soil	Excellent	Fine	
1030652	PED	7	642697	6970074	6/9/2011	Reddish Brown	Silt	Dry	Subtle Slope	20	B	Poplar	Leaf Cover	Good	Sand	
1030653	PED	7	642644	6970081	6/9/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Clay	
1030654	PED	7	641978	6970143	6/9/2011	Chocolate Brown	Gravel	Damp	Flat	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1030655	PED	7	641927	6970125	6/9/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Sand	
1030656	PED	7	641877	6970131	6/9/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Alders	Grass Cover	Good	Sand	
1030657	PED	7	641823	6970124	6/9/2011	Yellow	Sand	Dry	Pronounced Slope	40	C	White Spruce	Needle Cover	Excellent	Sand	
1030658	PED	7	642595	6970078	6/9/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	30	C	White Spruce	Reindeer Moss	Excellent	Sand	
1030659	PED	7	642545	6970078	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Needle Cover	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1030660	PED	7	642494	6970086	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Pine	Sphagnum Moss < 30cm	Excellent	Sand	
1030661	PED	7	642435	6970080	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Excellent	Sand	
1030662	PED	7	642385	6970061	6/9/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1030663	PED	7	642333	6970048	6/9/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Sand	
1030664	PED	7	642279	6970068	6/9/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030665	PED	7	642233	6970089	6/9/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1030666	PED	7	642182	6970112	6/9/2011	Reddish Yellow	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Excellent	Rocky	
1030667	PED	7	642129	6970124	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	
1030668	PED	7	642074	6970120	6/9/2011	Light Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Clay	
1030669	PED	7	642026	6970127	6/9/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1030670	PED	7	639528	6977662	6/10/2011	Reddish Brown	Silt	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1030671	PED	7	639545	6977611	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Coarse	
1030672	PED	7	639568	6977563	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1030673	PED	7	639579	6977514	6/10/2011	Reddish Orange	Sand	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Fine	
1030674	PED	7	639596	6977464	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Fine	
1030675	PED	7	639621	6977418	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Fine	
1030676	PED	7	639649	6977374	6/10/2011	Chocolate Brown	Sand	Damp	Steep	40	B	Poplar	Grass Cover	Good	Fine	
1030677	PED	7	639681	6977331	6/10/2011	Chocolate Brown	Sand	Dry	Steep	90	C	Poplar	Grass Cover	Excellent	Coarse	
1030678	PED	7	639721	6977297	6/10/2011	Light Brown	Silt	Dry	Pronounced Slope	70	B	Poplar	Grass Cover	Good	Fine	
1030679	PED	7	639764	6977266	6/10/2011	Light Brown	Silt	Dry	Steep	80	B	Subalpine Fir	Grass Cover	Good	Sand	Fine
1030680	PED	7	639804	6977234	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Fine	
1030681	PED	7	639845	6977203	6/10/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1030682	PED	7	639883	6977168	6/10/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Subalpine Fir	Grass Cover	Excellent	Coarse	
1030684	PED	7	639958	6977099	6/10/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	Rocky
1030685	PED	7	639999	6977068	6/10/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1030686	PED	7	640034	6977028	6/10/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Fine	
1030687	PED	7	640034	6977028	6/10/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Fine	
1030688	PED	7	640074	6976997	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1030689	PED	7	640074	6976997	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	
1030690	PED	7	643834	6973224	6/12/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Old Burn	Sphagnum Moss > 30cm	Excellent	Coarse	
1030691	PED	7	643793	6973191	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1030692	PED	7	643754	6973156	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Pine	Leaf Cover	Excellent	Sand	
1030693	PED	7	643706	6973136	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Sand	
1030694	PED	7	643662	6973107	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1030695	PED	7	643610	6973093	6/12/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1030696	PED	7	643559	6973079	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1030697	PED	7	643508	6973072	6/12/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	
1030698	PED	7	643457	6973071	6/12/2011	Dark Brown	Sand	Damp	Subtle Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1030699	PED	7	643409	6973050	6/12/2011	Chocolate Brown	Sand	Wet	Subtle Slope	100	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1030700	PED	7	643364	6973022	6/12/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	B	Black Spruce	Leaf Cover	Good	Fine	
1030701	PED	7	635555	6971034	6/5/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	
1030702	PED	7	635311	6970976	6/5/2011	Chocolate Brown	Gravel	Wet	Steep	60	B	Birch Forest	Leaf Cover	Poor	Wet Soil	
1030703	PED	7	635258	6970977	6/5/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss > 30cm	Good	Wet Soil	
1030704	PED	7	635215	6970944	6/5/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	80	B	Birch Forest	Leaf Cover	Good	Wet Soil	Coarse
1030705	PED	7	635180	6970904	6/5/2011	Dark Blue Black	Gravel	Damp	Pronounced Slope	60	B	Birch Forest	Leaf Cover	Good	Wet Soil	
1030706	PED	7	635135	6970881	6/5/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	70	B	Birch Forest	Leaf Cover	Good	Wet Soil	
1030707	PED	7	635086	6970862	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	100	B	Birch Forest	Leaf Cover	Good	Coarse	
1030708	PED	7	635035	6970868	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Coarse	
1030709	PED	7	634983	6970862	6/5/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Sand	
1030710	PED	7	634940	6970893	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1030711	PED	7	634888	6970888	6/5/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1030712	PED	7	634838	6970878	6/5/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Sphagnum Moss > 30cm	Excellent	Sand	
1030713	PED	7	634786	6970873	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Coarse	
1030714	PED	7	634734	6970873	6/5/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss > 30cm	Good	Fine	
1030715	PED	7	634681	6970876	6/5/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	70	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1030716	PED	7	634628	6970870	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1030717	PED	7	634581	6970846	6/5/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Leaf Cover	Good	Rocky	
1030718	PED	7	634528	6970849	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1030719	PED	7	634478	6970836	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Excellent	Coarse	
1030720	PED	7	634438	6970803	6/5/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Excellent	Coarse	
1030721	PED	7	634389	6970786	6/5/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	30	C	White Spruce	Leaf Cover	Excellent	Rocky	
1030722	PED	7	634344	6970762	6/5/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030723	PED	7	634297	6970740	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Rocky	Coarse
1030724	PED	7	634248	6970726	6/5/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Coarse	
1030725	PED	7	634198	6970711	6/5/2011	Reddish Orange	Silt	Dry	Pronounced Slope	90	B	White Spruce	Leaf Cover	Poor	Loess	Fine
1030726	PED	7	634148	6970702	6/5/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Alders	Leaf Cover	Good	Fine	
1030727	PED	7	634148	6970702	6/5/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Alders	Leaf Cover	Good	Fine	
1030728	PED	7	635615	6969294	6/6/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1030729	PED	7	634198	6970711	6/6/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1030730	PED	7	635518	6969257	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Leaf Cover	Excellent	Coarse	
1030731	PED	7	635466	6969251	6/6/2011	Chocolate Brown	Sand	Dry	Steep	50	C	White Spruce	Leaf Cover	Excellent	Coarse	
1030732	PED	7	635419	6969232	6/6/2011	Chocolate Brown	Sand	Dry	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1030733	PED	7	635381	6969196	6/6/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Excellent	Sand	
1030734	PED	7	635334	6969173	6/6/2011	Reddish Yellow	Sand	Damp	Steep	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1030735	PED	7	635286	6969147	6/6/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	30	C	White Spruce	Leaf Cover	Excellent	Sand	
1030736	PED	7	635239	6969125	6/6/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1030737	PED	7	635198	6969094	6/6/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Excellent	Coarse	
1030738	PED	7	635149	6969071	6/6/2011	Reddish Brown	Sand	Dry	Flat	40	C	Poplar	Needle Cover	Excellent	Sand	
1030739	PED	7	635112	6969034	6/6/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Sand	
1030740	PED	7	635065	6969013	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Pine	Needle Cover	Excellent	Coarse	
1030741	PED	7	635018	6968993	6/6/2011	Reddish Yellow	Gravel	Dry	Flat	40	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1030742	PED	7	634970	6968972	6/6/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	Poplar	Leaf Cover	Poor	Fine	
1030743	PED	7	634920	6968954	6/6/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Subalpine Fir	Leaf Cover	Poor	Loess	
1030744	PED	7	634872	6968934	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Rocky	
1030746	PED	7	634828	6968907	6/6/2011	Reddish Brown	Gravel	Dry	Steep	30	C	Poplar	Needle Cover	Good	Rocky	
1030747	PED	7	634783	6968880	6/6/2011	Chocolate Brown	Gravel	Dry	Flat	20	C	Poplar	Bare Soil	Good	Rocky	
1030748	PED	7	634746	6968844	6/6/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	20	C	Poplar	Leaf Cover	Good	Rocky	Fine
1030749	PED	7	634711	6968803	6/6/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Rocky	
1030750	PED	7	634671	6968773	6/6/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1030751	PED	7	633581	6968989	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Quartz Chips
1030752	PED	7	633620	6968955	6/4/2011	Chocolate Brown	Sand	Damp	Flat	30	C	Poplar	Rock Cover	Good	Top layer	
1030753	PED	7	633670	6968608	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Leaf Cover	Excellent	Top layer	
1030754	PED	7	633614	6968904	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030755	PED	7	633625	6968853	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Top layer	
1030756	PED	7	633638	6968756	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030757	PED	7	633643	6968706	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030758	PED	7	633659	6968658	6/4/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky	
1030759	PED	7	633682	6968557	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030760	PED	7	633674	6968508	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1030761	PED	7	633666	6968459	6/4/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030762	PED	7	633653	6968412	6/4/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Poplar	Bare Soil	Excellent	Coarse	
1030763	PED	7	633635	6968806	6/4/2011	Light Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1030764	PED	7	633664	6968364	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1030765	PED	7	633673	6968314	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1030767	PED	7	633661	6968216	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030768	PED	7	633708	6968195	6/4/2011	Chocolate Brown	Sand	Damp	Flat	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1030769	PED	7	633640	6968170	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1030770	PED	7	633633	6968119	6/4/2011	Grey	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030771	PED	7	633650	6968073	6/4/2011	Chocolate Brown	Sand	Damp	Steep	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1030772	PED	7	635986	6972480	6/5/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Rocky	
1030773	PED	7	633665	6968026	6/4/2011	Chocolate Brown	Sand	Damp	Steep	60	C	Poplar	Rock Cover	Excellent	Coarse	
1030774	PED	7	635980	6972530	6/5/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	B	Subalpine Fir	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1030775	PED	7	639805	6970711	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1030777	PED	7	635710	6971347	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Birch Forest	Thin Moss Cover	Good	Rocky	
1030778	PED	7	635710	6971347	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Birch Forest	Thin Moss Cover	Good	Rocky	
1030779	PED	7	635729	6971444	6/5/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1030780	PED	7	635713	6971492	6/5/2011	Dark Brown	Gravel	Damp	Pronounced Slope	80	C	Birch Forest	Leaf Cover	Good	Coarse	
1030781	PED	7	635717	6971600	6/5/2011	Chocolate Brown	Sand	Damp	Flat	60	C	Willows	Sphagnum Moss < 30cm	Good	Rocky	
1030782	PED	7	643495	6968615	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1030783	PED	7	635719	6971650	6/5/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1030784	PED	7	635735	6971694	6/5/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Loess	
1030785	PED	7	635719	6971790	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	
1030786	PED	7	635677	6971819	6/5/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	Dwarf Birch	Bare Soil	Excellent	Fine	
1030787	PED	7	635665	6971868	6/5/2011	Chocolate Brown	Gravel	Wet	Flat	40	C	White Spruce	Thin Moss Cover	Good	Coarse	
1030788	PED	7	635688	6971914	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	Willows	Thin Moss Cover	Excellent	Rocky	
1030789	PED	7	635712	6971960	6/5/2011	Chocolate Brown	Sand	Wet	Subtle Slope	80	C	Willows	Thin Moss Cover	Excellent	Fine	
1030790	PED	7	635718	6971542	6/5/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1030791	PED	7	635730	6972006	6/5/2011	Reddish Yellow	Sand	Damp	Subtle Slope	100	C	Willows	Thin Moss Cover	Excellent	Fine	
1030792	PED	7	635730	6972006	6/5/2011	Reddish Yellow	Sand	Damp	Subtle Slope	100	C	Willows	Thin Moss Cover	Excellent	Fine	
1030793	PED	7	635756	6972050	6/5/2011	Grey	Sand	Wet	Subtle Slope	60	C	Willows	Thin Moss Cover	Excellent	Fine	
1030794	PED	7	635782	6972093	6/5/2011	Grey	Sand	Wet	Subtle Slope	70	C	Willows	Thin Moss Cover	Excellent	Coarse	
1030795	PED	7	635782	6972093	6/5/2011	Grey	Sand	Wet	Subtle Slope	70	C	Willows	Thin Moss Cover	Excellent	Coarse	
1030796	PED	7	635796	6972141	6/5/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Willows	Thin Moss Cover	Excellent	Coarse	
1030797	PED	7	635819	6972186	6/5/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Willows	Leaf Cover	Excellent	Fine	
1030798	PED	7	635838	6972233	6/5/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	C	Willows	Thin Moss Cover	Good	Top layer	
1030799	PED	7	635835	6972283	6/5/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	C	Willows	Thin Moss Cover	Good	Rocky	
1030800	PED	7	635863	6972324	6/5/2011	Chocolate Brown	Silt	Wet	Subtle Slope	60	B	Willows	Thin Moss Cover	Good	Wet Soil	
1030801	PED	7	641399	6967786	6/8/2011	Light Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Excellent	Sand	
1030802	PED	7	641401	6967733	6/8/2011	Reddish Yellow	Sand	Dry	Subtle Slope	20	C	Poplar	Leaf Cover	Excellent	Sand	
1030803	PED	7	641391	6967836	6/8/2011	Light Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Excellent	Fine	
1030804	PED	7	641397	6967886	6/8/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1030805	PED	7	640368	6969499	6/7/2011	Grey	Clay	Damp	Pronounced Slope	30	B	Dwarf Birch	Rock Cover	Good	Sand	
1030806	PED	7	641386	6967527	6/8/2011	Chocolate Brown	Gravel	Dry	Steep	80	C	Poplar	Bare Soil	Excellent	Sand	
1030807	PED	7	641402	6967572	6/8/2011	Dark Brown	Sand	Dry	Steep	110	C	Poplar	Grass Cover	Excellent	Sand	Fine
1030808	PED	7	641402	6967572	6/8/2011	Dark Brown	Sand	Dry	Steep	110	C	Poplar	Grass Cover	Excellent	Sand	Fine
1030809	PED	7	641402	6967625	6/8/2011	Light Brown	Silt	Dry	Steep	40	B	Poplar	Grass Cover	Good	Sand	
1030810	PED	7	641404	6967682	6/8/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Leaf Cover	Excellent	Fine	
1030811	PED	7	640316	6969500	6/7/2011	Dark Brown	Sand	Dry	Pronounced Slope	30	C	Dwarf Birch	Reindeer Moss	Excellent	Sand	Fine
1030812	PED	7	640265	6969506	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Reindeer Moss	Good	Fine	
1030813	PED	7	640214	6969520	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Dwarf Birch	Rock Cover	Excellent	Sand	Fine
1030814	PED	7	640168	6969537	6/7/2011	Grey	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Excellent	Sand	
1030815	PED	7	640114	6969538	6/7/2011	Grey	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	Fine	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1030816	PED	7	640064	6969557	6/7/2011	Grey	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Leaf Cover	Excellent	Sand	Fine
1030817	PED	7	640024	6969592	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Leaf Cover	Excellent	Sand	
1030818	PED	7	639934	6969629	6/7/2011	Dark Brown	Clay	Damp	Flat	20	B	Poplar	Leaf Cover	Poor	Rocky	
1030819	PED	7	639986	6969621	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	Sand	
1030820	PED	7	639889	6969657	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Reindeer Moss	Excellent	Sand	
1030821	PED	7	639836	6969667	6/7/2011	Grey	Sand	Damp	Flat	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Sand	
1030822	PED	7	639785	6969666	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Reindeer Moss	Excellent	Sand	
1030823	PED	7	639730	6969678	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Excellent	Sand	
1030824	PED	7	639679	6969689	6/7/2011	Chocolate Brown	Sand	Dry	Flat	30	C	Dwarf Birch	Bare Soil	Excellent	Sand	
1030825	PED	7	639632	6969707	6/7/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Bare Soil	Excellent	Sand	
1030826	PED	7	640599	6968032	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1030827	PED	7	640597	6968083	6/7/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1030828	PED	7	640562	6968119	6/7/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1030829	PED	7	640523	6968151	6/7/2011	Dark Brown	Sand	Damp	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1030830	PED	7	640485	6968182	6/7/2011	Chocolate Brown	Gravel	Dry	Steep	50	C	White Spruce	Thin Moss Cover	Excellent	Rocky	
1030831	PED	7	640442	6968210	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1030832	PED	7	640408	6968247	6/7/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1030833	PED	7	640378	6968287	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1030834	PED	7	640346	6968328	6/7/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1030835	PED	7	640310	6968368	6/7/2011	Dark Brown	Gravel	Damp	Pronounced Slope	70	C	Poplar	Bare Soil	Excellent	Rocky	
1030836	PED	7	640281	6968408	6/7/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Rocky	
1030837	PED	7	640250	6968447	6/7/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1030838	PED	7	640226	6968494	6/7/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1030839	PED	7	640189	6968529	6/7/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1030840	PED	7	640168	6968575	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Leaf Cover	Excellent	Quartz Chips	
1030841	PED	7	640132	6968612	6/7/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Willows	Sphagnum Moss < 30cm	Excellent	Rocky	
1030842	PED	7	640615	6967985	6/7/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	90	C	White Spruce	Leaf Cover	Good	Coarse	
1030843	PED	7	640661	6967931	6/7/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	80	B	Poplar	Leaf Cover	Excellent	Quartz Chips	
1030844	PED	7	640664	6967881	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Grass Cover	Excellent	Fine	
1030845	PED	7	640683	6967835	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Rocky	Quartz Chips
1030846	PED	7	640721	6967800	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1030847	PED	7	640737	6967753	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1030848	PED	7	640761	6967709	6/7/2011	Chocolate Brown	Sand	Damp	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1030849	PED	7	640785	6967665	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1030850	PED	7	640785	6967665	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1030851	PED	7	644135	6970092	6/11/2011	Chocolate Brown	Silt	Dry	Steep	70	C	Poplar	Grass Cover	Good	Sand	
1030852	PED	7	644135	6970092	6/11/2011	Chocolate Brown	Silt	Dry	Steep	70	C	Poplar	Grass Cover	Good	Sand	
1030853	PED	7	644204	6970150	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030854	PED	7	644254	6970176	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Needle Cover	Excellent	Sand	
1030855	PED	7	644305	6970200	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Excellent	Clay	
1030856	PED	7	644355	6970241	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	White Spruce	Leaf Cover	Excellent	Clay	
1030857	PED	7	644403	6970260	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Excellent	Sand	
1030858	PED	7	644441	6970295	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030859	PED	7	644489	6970321	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030860	PED	7	644535	6970343	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Sand	
1030861	PED	7	644580	6970369	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Transported Soil
1030862	PED	7	644618	6970402	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030863	PED	7	644667	6970429	6/11/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030864	PED	7	644715	6970448	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Leaf Cover	Excellent	Sand	
1030865	PED	7	644760	6970476	6/11/2011	Chocolate Brown	Sand	Dry	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030866	PED	7	644805	6970499	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Grass Cover	Excellent	Sand	
1030867	PED	7	644850	6970540	6/11/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Needle Cover	Excellent	Coarse	
1030868	PED	7	644895	6970565	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1030869	PED	7	644945	6970597	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1030870	PED	7	644986	6970627	6/11/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Pine	Needle Cover	Good	Transported Soil	
1030872	PED	7	643467	6973962	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Bare Soil	Good	Rocky	
1030873	PED	7	643516	6973958	6/18/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1030874	PED	7	643564	6973940	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Leaf Cover	Good	Coarse	
1030875	PED	7	643665	6973926	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1030876	PED	7	643615	6973933	6/18/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Poplar	Leaf Cover	Excellent	Coarse	
1030877	PED	7	643889	6971023	6/12/2011	Chocolate Brown	Sand	Dry	Steep	30	B	No Tree Cover	Grass Cover	Good	Transported Soil	
1030878	PED	7	643889	6971023	6/12/2011	Chocolate Brown	Sand	Dry	Steep	30	B	No Tree Cover	Grass Cover	Good	Transported Soil	
1030901	PED	7	641556	6975970	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030902	PED	7	641564	6976032	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1030903	PED	7	641569	6976138	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1030904	PED	7	641565	6976189	6/10/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Poplar	Leaf Cover	Excellent	Sand	
1030905	PED	7	641578	6976243	6/10/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1030906	PED	7	641572	6976298	6/10/2011	Bluish Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1030907	PED	7	641554	6976349	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1030908	PED	7	641557	6976403	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sand	
1030909	PED	7	641561	6976454	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Sand	
1030910	PED	7	641573	6976504	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030911	PED	7	641558	6976553	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030912	PED	7	641555	6976605	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030913	PED	7	637971	6969199	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030914	PED	7	641584	6976700	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1030915	PED	7	641601	6976746	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030916	PED	7	641591	6976797	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030917	PED	7	641539	6976884	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030918	PED	7	641563	6976838	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1030919	PED	7	641557	6976937	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030920	PED	7	641539	6976982	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Leaf Cover	Excellent	Sand	
1030921	PED	7	641539	6977032	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Leaf Cover	Excellent	Sand	
1030922	PED	7	639236	6974077	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030923	PED	7	639185	6974081	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	Poplar	Reindeer Moss	Excellent	Clay	
1030924	PED	7	639132	6974092	6/21/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	60	B	Poplar	Sphagnum Moss < 30cm	Good	Transported Soil	
1030925	PED	7	639079	6974088	6/21/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Pine	Reindeer Moss	Excellent	Sand	
1030926	PED	7	639029	6974096	6/21/2011	Chocolate Brown	Clay	Dry	Subtle Slope	30	B	Poplar	Reindeer Moss	Good	Coarse	Big Round Boulders
1030927	PED	7	638977	6974114	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Sand	
1030928	PED	7	638927	6974108	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Reindeer Moss	Excellent	Sand	
1030929	PED	7	638875	6974101	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Sand	
1030930	PED	7	638823	6974101	6/21/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1030931	PED	7	638807	6974046	6/21/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Pine	Sphagnum Moss < 30cm	Excellent	Sand	
1030932	PED	7	638792	6973994	6/21/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	Pine	Leaf Cover	Excellent	Sand	
1030933	PED	7	638781	6973940	6/21/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Pine	Reindeer Moss	Excellent	Sand	
1030934	PED	7	638767	6973891	6/21/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1030935	PED	7	638765	6973839	6/21/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Reindeer Moss	Excellent	Sand	
1030936	PED	7	638758	6973787	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Reindeer Moss	Excellent	Sand	
1030937	PED	7	638759	6973733	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1030938	PED	7	638760	6973678	6/21/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	White Spruce	Reindeer Moss	Excellent	Clay	
1030939	PED	7	638761	6973620	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Reindeer Moss	Excellent	Sand	
1030940	PED	7	638752	6973564	6/21/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	90	C	White Spruce	Rock Cover	Excellent	Sand	
1030941	PED	7	638753	6973505	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Reindeer Moss	Excellent	Sand	
1030942	PED	7	638746	6973449	6/21/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	B	Pine	Reindeer Moss	Excellent	Sand	
1030943	PED	7	638741	6973393	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Reindeer Moss	Excellent	Sand	
1030944	PED	7	638748	6973341	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	Pine	Reindeer Moss	Excellent	Transported Soil	
1030945	PED	7	638757	6973292	6/21/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	Pine	Sphagnum Moss < 30cm	Excellent	Sand	
1030946	PED	7	638740	6973242	6/21/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Pine	Reindeer Moss	Good	Transported Soil	
1030947	PED	7	638740	6973188	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Pine	Leaf Cover	Good	Transported Soil	
1030948	PED	7	638732	6973137	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1030949	PED	7	638729	6973084	6/21/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Bare Soil	Poor	Transported Soil	
1030950	PED	7	638722	6973034	6/21/2011	Chocolate Brown	Sand	Dry	Steep	80	C	Poplar	Grass Cover	Excellent	Sand	
1030951	PED	7	637976	6969098	6/2/2011	Chocolate Brown	Sand	Damp	Flat	60	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	
1030952	PED	7	637979	6969009	6/2/2011	Chocolate Brown	Sand	Damp	Flat	60	C	Willows	Thin Moss Cover	Excellent	Coarse	
1030953	PED	7	638006	6968909	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1030954	PED	7	637987	6968760	6/2/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1030955	PED	7	638007	6968656	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1030956	PED	7	638045	6968566	6/2/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Leaf Cover	Excellent	Coarse	
1030957	PED	7	638087	6968473	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Rock Cover	Excellent	Coarse	
1030958	PED	7	638088	6968373	6/2/2011	Light Brown	Gravel	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1030959	PED	7	638064	6968278	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1030960	PED	7	638064	6968278	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1030961	PED	7	638069	6968180	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	B	Poplar	Leaf Cover	Good	Fine	
1030962	PED	7	638068	6968084	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1030963	PED	7	638067	6967978	6/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	White Spruce	Leaf Cover	Good	Coarse	
1030964	PED	7	638053	6967874	6/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1030965	PED	7	638050	6967763	6/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1030966	PED	7	638038	6967662	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1030967	PED	7	638038	6967662	6/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	
1030968	PED	7	636056	6974309	6/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1030969	PED	7	636106	6974304	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Coarse	Top layer
1030970	PED	7	636157	6974302	6/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	B	White Spruce	Thin Moss Cover	Excellent	Rocky	
1030971	PED	7	635905	6974317	6/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	White Spruce	Thin Moss Cover	Good	Rocky	
1030972	PED	7	636006	6974313	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Top layer	Fine
1030973	PED	7	636006	6974313	6/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Top layer	Fine
1030974	PED	7	635955	6974312	6/3/2011	Chocolate Brown	Silt	Wet	Flat	40	B	White Spruce	Thin Moss Cover	Good	Wet Soil	Rocky
1030975	PED	7	635856	6974320	6/3/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1030976	PED	7	635806	6974332	6/3/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Good	Top layer	
1030977	PED	7	636207	6974288	6/3/2011	Chocolate Brown	Sand	Damp	Flat	30	C	White Spruce	Thin Moss Cover	Excellent	Rocky	
1030978	PED	7	636257	6974273	6/3/2011	Grey	Sand	Damp	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1030979	PED	7	636304	6974254	6/3/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1030980	PED	7	636346	6974228	6/3/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Rocky
1030981	PED	7	636390	6974201	6/3/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	70	B	Willows	Thin Moss Cover	Good	Rocky	
1030982	PED	7	636433	6974177	6/3/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	70	B	Willows	Sphagnum Moss > 30cm	Poor	Rocky	
1030983	PED	7	636482	6974162	6/3/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Good	Coarse	
1030984	PED	7	636526	6974136	6/3/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Good	Coarse	
1030985	PED	7	636563	6974099	6/3/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1030986	PED	7	636604	6974072	6/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Willows	Thin Moss Cover	Good	Coarse	
1030987	PED	7	636653	6974080	6/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1030988	PED	7	633400	6969374	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1030989	PED	7	633430	6969333	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1030990	PED	7	633428	6969283	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1030991	PED	7	633394	6969425	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Rocky	
1030993	PED	7	633357	6969458	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1030994	PED	7	633441	6969234	6/4/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Rocky	
1030995	PED	7	633444	6969185	6/4/2011	Grey	Gravel	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Rocky	
1030996	PED	7	633457	6969136	6/4/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Rocky	
1030997	PED	7	633469	6969087	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Rock Cover	Excellent	Fine	
1030998	PED	7	633469	6969087	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Poplar	Rock Cover	Excellent	Fine	
1030999	PED	7	633507	6969055	6/4/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1031000	PED	7	633541	6969019	6/4/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1031501	PED	7	637731	6974741	6/21/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Partially Frozen
1031502	PED	7	637283	6975825	6/20/2011	Grey	Silt	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Excellent	Frozen	
1031503	PED	7	637262	6975779	6/20/2011	Grey	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Excellent	Frozen	
1031504	PED	7	637228	6975741	6/20/2011	Grey	Gravel	Wet	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Clay	
1031505	PED	7	637203	6975695	6/20/2011	Grey	Silt	Wet	Pronounced Slope	60	B	Birch Forest	Grass Cover	Excellent	Wet Soil	
1031506	PED	7	637187	6975646	6/20/2011	Greyish Green	Silt	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Excellent	Frozen	
1031507	PED	7	637155	6975604	6/20/2011	Grey	Silt	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Excellent	Frozen	
1031508	PED	7	637120	6975567	6/20/2011	Grey	Silt	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Excellent	Frozen	
1031509	PED	7	637912	6974312	6/21/2011	Light Brown	Silt	Dry	Steep	50	B	Poplar	Grass Cover	Good	Sand	Rocky
1031510	PED	7	637883	6974353	6/21/2011	Light Brown	Gravel	Dry	Steep	40	C	Poplar	Grass Cover	Excellent	Rocky	
1031511	PED	7	637862	6974399	6/21/2011	Chocolate Brown	Gravel	Damp	Steep	70	C	Poplar	Grass Cover	Good	Rocky	
1031512	PED	7	637828	6974500	6/21/2011	Reddish Brown	Silt	Dry	Steep	50	B	Poplar	Grass Cover	Good	Rocky	
1031513	PED	7	636495	6976557	6/20/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1031514	PED	7	636546	6976563	6/20/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1031515	PED	7	636598	6976562	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1031516	PED	7	636598	6976562	6/20/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1031517	PED	7	639829	6973950	6/21/2011	Dark Brown	Clay	Wet	Pronounced Slope	20	B	Alders	Sphagnum Moss < 30cm	Good	Fine	
1031518	PED	7	639784	6973923	6/21/2011	Chocolate Brown	Sand	Damp	Steep	70	C	Birch Forest	Leaf Cover	Excellent	Fine	
1031519	PED	7	639744	6973891	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Fine	
1031520	PED	7	639713	6973851	6/21/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	100	C	Birch Forest	Leaf Cover	Excellent	Fine	
1031521	PED	7	639679	6973812	6/21/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	100	C	Birch Forest	Leaf Cover	Excellent	Fine	
1031522	PED	7	639650	6973770	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1031523	PED	7	639621	6973727	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	
1031524	PED	7	639561	6973606	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	
1031525	PED	7	639541	6973560	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	
1031526	PED	7	639524	6973511	6/21/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	White Spruce	Leaf Cover	Good	Coarse	
1031527	PED	7	639502	6973463	6/21/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Good	Fine	
1031528	PED	7	639471	6973419	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Grass Cover	Excellent	Coarse	
1031529	PED	7	639447	6973374	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	B	Poplar	Grass Cover	Good	Fine	
1031530	PED	7	639412	6973335	6/21/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1031531	PED	7	639378	6973296	6/21/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	White Spruce	Grass Cover	Good	Rocky	
1031532	PED	7	639349	6973254	6/21/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Good	Rocky	
1031533	PED	7	639319	6973213	6/21/2011	Light Brown	Clay	Wet	Flat	90	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	
1031534	PED	7	639292	6973169	6/21/2011	Reddish Yellow	Sand	Dry	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1031535	PED	7	639272	6973120	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1031536	PED	7	639257	6973069	6/21/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031537	PED	7	639241	6973020	6/21/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1031538	PED	7	639228	6972969	6/21/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031539	PED	7	639209	6972920	6/21/2011	Dark Olivine Green	Sand	Dry	Flat	50	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Sand	
1031540	PED	7	639199	6972870	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Excellent	Coarse	
1031541	PED	7	639189	6972819	6/21/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1031542	PED	7	639174	6972770	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1031543	PED	7	639157	6972722	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1031544	PED	7	639157	6972722	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1031545	PED	7	639143	6972673	6/21/2011	Chocolate Brown	Sand	Dry	Steep	30	C	Poplar	Grass Cover	Excellent	Sand	
1031546	PED	7	639143	6972673	6/21/2011	Chocolate Brown	Sand	Dry	Steep	30	C	Poplar	Grass Cover	Excellent	Sand	
1031547	PED	7	639122	6972626	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good	Fine	
1031548	PED	7	639122	6972626	6/21/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Good	Fine	
1031549	PED	7	639779	6973492	6/22/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Dull Red Rust	
1031550	PED	7	639821	6973464	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Sample	
1031551	PED	7	634220	6974194	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Alders	Leaf Cover	Good	Clay	
1031552	PED	7	634240	6974241	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Bare Soil	Good	Clay	
1031553	PED	7	634253	6974293	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	20	B	Dwarf Birch	Reindeer Moss	Good	Sand	Organic 10%
1031554	PED	7	634264	6974344	6/19/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Clay	
1031555	PED	7	634257	6974394	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sand	
1031556	PED	7	634255	6974446	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Reindeer Moss	Good	Sand	
1031557	PED	7	634274	6974493	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Sand	
1031558	PED	7	634292	6974540	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sand	
1031559	PED	7	634317	6974583	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	White Spruce	Reindeer Moss	Good	Clay	
1031560	PED	7	634338	6974630	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Sand	
1031561	PED	7	634355	6974679	6/19/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	20	B	White Spruce	Reindeer Moss	Good	Clay	
1031562	PED	7	634369	6974732	6/19/2011	Grey	Clay	Damp	Pronounced Slope	50	B	White Spruce	Reindeer Moss	Good	Clay	Sand
1031563	PED	7	634381	6974783	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Sand	
1031564	PED	7	634394	6974835	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	Dwarf Birch	Reindeer Moss	Good	Sand	
1031565	PED	7	634411	6974885	6/19/2011	Grey	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Reindeer Moss	Good	Sand	
1031566	PED	7	634433	6974932	6/19/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	B	Dwarf Birch	Reindeer Moss	Good	Clay	Rocky
1031567	PED	7	634208	6974143	6/19/2011	Light Brown	Sand	Dry	Pronounced Slope	30	C	Alders	Leaf Cover	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1031568	PED	7	634201	6974092	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Birch Forest	Reindeer Moss	Good	Sand	
1031569	PED	7	634198	6974041	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Alders	Sphagnum Moss < 30cm	Poor	Sand	
1031570	PED	7	634181	6973994	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	20	B	Alders	Reindeer Moss	Good	Sand	
1031571	PED	7	634177	6973943	6/19/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	Alders	Leaf Cover	Good	Clay	
1031572	PED	7	634168	6973892	6/19/2011	Reddish Yellow	Clay	Damp	Pronounced Slope	20	B	Alders	Leaf Cover	Good	Sand	
1031573	PED	7	634150	6973841	6/19/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	Alders	Sphagnum Moss < 30cm	Good	Sand	
1031574	PED	7	634142	6973788	6/19/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	Alders	Sphagnum Moss < 30cm	Good	Sand	
1031575	PED	7	634124	6973739	6/19/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Alders	Reindeer Moss	Good	Sand	
1031576	PED	7	634109	6973692	6/19/2011	Chocolate Brown	Gravel	Wet	Flat	40	C	Alders	Leaf Cover	Good	Coarse	
1031577	PED	7	634096	6973641	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Alders	Reindeer Moss	Poor	Fine	
1031578	PED	7	634077	6973594	6/19/2011	Grey	Sand	Damp	Subtle Slope	80	C	Alders	Leaf Cover	Good	Sand	
1031579	PED	7	634078	6973542	6/19/2011	Grey	Silt	Damp	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Poor	Loess	
1031580	PED	7	634067	6973488	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Leaf Cover	Good	Sand	
1031581	PED	7	634070	6973431	6/19/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	40	B	Birch Forest	Leaf Cover	Poor	Loess	
1031583	PED	7	637072	6975277	6/20/2011	Light Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	
1031584	PED	7	637119	6975262	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Alders	Reindeer Moss	Excellent	Clay	
1031585	PED	7	637165	6975240	6/20/2011	Light Brown	Gravel	Damp	Subtle Slope	50	C	White Spruce	Reindeer Moss	Good	Clay	
1031586	PED	7	637213	6975229	6/20/2011	Reddish Orange	Gravel	Damp	Subtle Slope	30	C	Birch Forest	Reindeer Moss	Good	Clay	
1031605	PED	7	638133	6973538	6/19/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	30	B	White Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Small Sample
1031606	PED	7	638077	6973536	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1031607	PED	7	638077	6973536	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1031608	PED	7	638021	6973540	6/19/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031609	PED	7	637969	6973553	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1031610	PED	7	637912	6973547	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031611	PED	7	637858	6973565	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1031612	PED	7	637801	6973563	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031613	PED	7	637747	6973578	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	B	White Spruce	Sphagnum Moss > 30cm	Excellent	Clay	
1031614	PED	7	637696	6973596	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031615	PED	7	637643	6973585	6/19/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1031616	PED	7	637591	6973595	6/19/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031617	PED	7	637539	6973608	6/19/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1031618	PED	7	637485	6973625	6/19/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1031619	PED	7	637433	6973646	6/19/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1031620	PED	7	637394	6973688	6/19/2011	Reddish Orange	Silt	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031621	PED	7	637364	6973734	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031622	PED	7	637316	6973767	6/19/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031623	PED	7	637264	6973757	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031624	PED	7	637210	6973765	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	80	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031625	PED	7	637156	6973775	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1031626	PED	7	637101	6973805	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031627	PED	7	637049	6973822	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031628	PED	7	636987	6973829	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031629	PED	7	636936	6973847	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031630	PED	7	636889	6973872	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031631	PED	7	636849	6973910	6/19/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031632	PED	7	636800	6973929	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031633	PED	7	636748	6973949	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031634	PED	7	636701	6973975	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031635	PED	7	636657	6974007	6/19/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1031636	PED	7	636615	6974043	6/19/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031637	PED	7	639860	6973431	6/23/2011	Dark Blue Black	Gravel	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1031638	PED	7	639903	6973400	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031639	PED	7	639943	6973370	6/23/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1031640	PED	7	639986	6973340	6/23/2011	Chocolate Brown	Sand	Wet	Flat	40	B	Birch Forest	Leaf Cover	Good	Fine	
1031641	PED	7	640030	6973313	6/23/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1031642	PED	7	640076	6973285	6/23/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1031643	PED	7	640118	6973258	6/23/2011	Chocolate Brown	Sand	Dry	Flat	80	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1031644	PED	7	640160	6973227	6/23/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1031645	PED	7	640201	6973197	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	B	Pine	Leaf Cover	Good	Fine	
1031646	PED	7	640239	6973164	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Pine	Needle Cover	Excellent	Coarse	
1031647	PED	7	640281	6973135	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031648	PED	7	640323	6973106	6/23/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031649	PED	7	640369	6973083	6/23/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031650	PED	7	640414	6973062	6/23/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Pine	Needle Cover	Good	Coarse	
1031651	PED	7	637601	6975082	6/20/2011	Grey	Clay	Damp	Flat	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	Rocky
1031652	PED	7	637552	6975095	6/20/2011	Light Grey	Clay	Dry	Flat	50	C	Birch Forest	Leaf Cover	Good	Sand	
1031653	PED	7	637507	6975121	6/20/2011	Chocolate Brown	Clay	Damp	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1031654	PED	7	637457	6975137	6/20/2011	Grey	Clay	Damp	Flat	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Sand	
1031655	PED	7	637025	6975387	6/20/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	20	C	Dwarf Birch	Reindeer Moss	Excellent	Rocky	
1031656	PED	7	637001	6975341	6/20/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Reindeer Moss	Good	Sand	Clay
1031657	PED	7	636967	6975304	6/20/2011	Reddish Brown	Gravel	Damp	Subtle Slope	20	B	Poplar	Reindeer Moss	Good	Clay	
1031658	PED	7	637022	6975290	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	30	B	Poplar	Leaf Cover	Good	Sand	
1031659	PED	7	641970	6974473	6/18/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Coarse	
1031660	PED	7	642019	6974470	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sand	
1031661	PED	7	642125	6974529	6/18/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Sand	
1031662	PED	7	642167	6974563	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1031663	PED	7	642167	6974563	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031664	PED	7	642213	6974585	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Sand	
1031665	PED	7	642255	6974622	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1031666	PED	7	642300	6974651	6/18/2011	Grey	Sand	Damp	Subtle Slope	50	C	White Spruce	Reindeer Moss	Excellent	Sand	
1031667	PED	7	642344	6974680	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Pine	Needle Cover	Good	Clay	
1031668	PED	7	642391	6974702	6/18/2011	Grey	Clay	Damp	Subtle Slope	50	B	Birch Forest	Leaf Cover	Good	Sand	
1031669	PED	7	642437	6974727	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Good	Clay	
1031670	PED	7	642485	6974741	6/18/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	30	C	Pine	Needle Cover	Excellent	Coarse	
1031671	PED	7	642529	6974768	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Needle Cover	Excellent	Sand	
1031672	PED	7	642578	6974792	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Rocky	
1031673	PED	7	642629	6974806	6/18/2011	Reddish Brown	Gravel	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Excellent	Sand	
1031674	PED	7	642679	6974812	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Excellent	Sand	
1031675	PED	7	643066	6975481	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1031676	PED	7	643065	6975431	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031677	PED	7	643065	6975378	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031678	PED	7	643072	6975326	6/18/2011	Grey	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031679	PED	7	643067	6975275	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1031680	PED	7	643052	6975223	6/18/2011	Grey	Sand	Dry	Subtle Slope	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1031681	PED	7	643027	6975176	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031682	PED	7	643011	6975128	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Reindeer Moss	Excellent	Coarse	
1031683	PED	7	642980	6975087	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031684	PED	7	642953	6975043	6/18/2011	Chocolate Brown	Sand	Dry	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031685	PED	7	642916	6975007	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Leaf Cover	Excellent	Sand	
1031686	PED	7	642884	6974969	6/18/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1031687	PED	7	642854	6974929	6/18/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Pine	Needle Cover	Excellent	Sand	
1031688	PED	7	642815	6974888	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	20	C	Pine	Needle Cover	Excellent	Rocky	
1031689	PED	7	642763	6974869	6/18/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Grass Cover	Excellent	Sand	
1031690	PED	7	642720	6974843	6/18/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Sand	
1031705	PED	7	642263	6973842	6/18/2011	Chocolate Brown	Sand	Dry	Steep	50	B	Poplar	Grass Cover	Excellent		Sand
1031706	PED	7	642263	6973842	6/18/2011	Chocolate Brown	Sand	Dry	Steep	50	B	Poplar	Grass Cover	Excellent		Sand
1031707	PED	7	642219	6973891	6/18/2011	Chocolate Brown	Sand	Dry	Steep	40	B	Pine	Grass Cover	Excellent	Sand	
1031708	PED	7	642219	6973891	6/18/2011	Chocolate Brown	Sand	Dry	Steep	40	B	Pine	Grass Cover	Excellent	Sand	
1031709	PED	7	642208	6973944	6/18/2011	Chocolate Brown	Silt	Dry	Steep	30	B	Pine	Grass Cover	Poor	Transported Soil	Big Round Boulders
1031710	PED	7	642182	6973991	6/18/2011	Chocolate Brown	Sand	Dry	Steep	30	B	Poplar	Grass Cover	Good	Transported Soil	
1031711	PED	7	642153	6974037	6/18/2011	Chocolate Brown	Sand	Dry	Steep	50	B	Poplar	Grass Cover	Excellent	Transported Soil	
1031712	PED	7	642141	6974093	6/18/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Poplar	Grass Cover	Excellent	Sand	
1031713	PED	7	642124	6974148	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Pine	Grass Cover	Excellent	Sand	
1031714	PED	7	642120	6974205	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Thin Moss Cover	Excellent	Sand	
1031715	PED	7	642123	6974260	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1031716	PED	7	642125	6974327	6/18/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss > 30cm	Excellent	Sand	Partially Frozen
1031717	PED	7	642110	6974384	6/18/2011	Grey	Gravel	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sand	
1031718	PED	7	642091	6974432	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1031719	PED	7	642064	6974486	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1031720	PED	7	642052	6974538	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Grass Cover	Excellent	Sand	
1031721	PED	7	642036	6974590	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Grass Cover	Excellent	Sand	
1031722	PED	7	642022	6974648	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Grass Cover	Excellent	Sand	
1031723	PED	7	641996	6974698	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Sand	
1031724	PED	7	641978	6974749	6/18/2011	Dark Grey Black	Clay	Wet	Pronounced Slope	30	B	White Spruce	Sphagnum Moss > 30cm	Poor	Frozen	
1031725	PED	7	641963	6974798	6/18/2011	Dark Grey Black	Gravel	Damp	Subtle Slope	40	B	White Spruce	Thin Moss Cover	Excellent	Partially Frozen	
1031726	PED	7	641949	6974851	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Excellent	Sand	
1031727	PED	7	641931	6974899	6/18/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Sand	
1031728	PED	7	641901	6974940	6/18/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Poor	Transported Soil	
1031729	PED	7	641871	6974985	6/18/2011	Chocolate Brown	Sand	Dry	Steep	60	C	Poplar	Grass Cover	Excellent	Sand	
1031730	PED	7	641838	6975025	6/18/2011	Chocolate Brown	Clay	Dry	Steep	40	B	Subalpine Fir	Grass Cover	Good	Sand	
1031731	PED	7	641801	6975066	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sand	
1031732	PED	7	641766	6975107	6/18/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Excellent	Sand	Big Round Boulders
1031733	PED	7	641711	6975125	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	Big Round Boulders
1031734	PED	7	641676	6975164	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1031735	PED	7	641629	6975188	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Sand	
1031736	PED	7	641596	6975226	6/18/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Pine	Grass Cover	Excellent	Sand	
1031737	PED	7	635780	6976490	6/20/2011	Reddish Yellow	Sand	Damp	Subtle Slope	50	C	Pine	Sphagnum Moss < 30cm	Good	Sand	
1031738	PED	7	635831	6976500	6/20/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Quartz Chips	
1031739	PED	7	635883	6976505	6/20/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Pine	Leaf Cover	Good	Fine	
1031740	PED	7	635934	6976511	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Excellent	Coarse	
1031741	PED	7	635984	6976517	6/20/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Poplar	Sphagnum Moss < 30cm	Good	Fine	
1031742	PED	7	636034	6976529	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	B	Birch Forest	Leaf Cover	Good	Coarse	
1031743	PED	7	636086	6976538	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1031744	PED	7	636137	6976545	6/20/2011	Dark Brown	Clay	Wet	Subtle Slope	60	B	Alders	Grass Cover	Poor	Partially Frozen	
1031745	PED	7	636188	6976549	6/20/2011	Reddish Brown	Sand	Damp	Pronounced Slope	80	C	Birch Forest	Leaf Cover	Good	Coarse	
1031746	PED	7	636239	6976554	6/20/2011	Reddish Brown	Sand	Dry	Subtle Slope	70	C	Willows	Leaf Cover	Good	Coarse	
1031747	PED	7	636290	6976544	6/20/2011	Reddish Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky	
1031748	PED	7	636340	6976559	6/20/2011	Dark Olivine Green	Gravel	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1031749	PED	7	636392	6976553	6/20/2011	Dark Grey Black	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1031750	PED	7	636442	6976550	6/20/2011	Dark Brown	Gravel	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1031751	PED	7	638297	6975832	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1031752	PED	7	638320	6975878	6/20/2011	Grey	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1031753	PED	7	638363	6975904	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1031754	PED	7	638410	6975921	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1031755	PED	7	638461	6975927	6/20/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1031756	PED	7	638503	6975954	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031757	PED	7	638549	6976044	6/20/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1031758	PED	7	638600	6976054	6/20/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031759	PED	7	638647	6976071	6/20/2011	Reddish Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031760	PED	7	638693	6976092	6/20/2011	Light Brown	Sand	Damp	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031761	PED	7	638693	6976092	6/20/2011	Light Brown	Sand	Damp	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031762	PED	7	638735	6976121	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1031763	PED	7	638774	6976156	6/20/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1031764	PED	7	638810	6976191	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	90	B	Willows	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen
1031765	PED	7	638846	6976226	6/20/2011	Grey	Silt	Damp	Pronounced Slope	70	B	Birch Forest	Sphagnum Moss < 30cm	Excellent	Clay	
1031766	PED	7	638849	6974148	6/21/2011	Chocolate Brown	Sand	Damp	Flat	60	C	Willows	Reindeer Moss	Excellent	Coarse	
1031767	PED	7	638813	6974184	6/21/2011	Light Brown	Sand	Damp	Flat	60	C	Willows	Thin Moss Cover	Excellent	Rocky	
1031768	PED	7	638763	6974199	6/21/2011	Grey	Clay	Damp	Subtle Slope	70	B	Willows	Sphagnum Moss < 30cm	Good	Rocky	
1031769	PED	7	638717	6974217	6/21/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1031770	PED	7	638682	6974254	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Willows	Sphagnum Moss < 30cm	Good	Rocky	
1031771	PED	7	638676	6974305	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Reindeer Moss	Excellent	Coarse	
1031772	PED	7	638661	6974353	6/21/2011	Reddish Yellow	Sand	Damp	Flat	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1031773	PED	7	638633	6974395	6/21/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Willows	Thin Moss Cover	Excellent	Coarse	
1031774	PED	7	638610	6974440	6/21/2011	Dark Olivine Green	Gravel	Damp	Flat	60	C	White Spruce	Thin Moss Cover	Good	Rocky	
1031775	PED	7	638579	6974480	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Rocky	Coarse
1031776	PED	7	638545	6974523	6/21/2011	Grey	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1031777	PED	7	638502	6974547	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1031778	PED	7	638475	6974589	6/21/2011	Chocolate Brown	Sand	Damp	Flat	40	B	Willows	Reindeer Moss	Good	Coarse	
1031779	PED	7	638433	6974617	6/21/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	
1031780	PED	7	638433	6974617	6/21/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Willows	Sphagnum Moss < 30cm	Excellent	Coarse	
1031781	PED	7	638384	6974630	6/21/2011	Grey	Gravel	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Excellent	Coarse	
1031782	PED	7	638341	6974656	6/21/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Willows	Thin Moss Cover	Excellent	Coarse	
1031783	PED	7	638294	6974673	6/21/2011	Grey	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Rocky	
1031784	PED	7	638251	6974700	6/21/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Rocky	
1031785	PED	7	638204	6974720	6/21/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	60	C	Willows	Thin Moss Cover	Excellent	Coarse	
1031786	PED	7	638159	6974744	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1031787	PED	7	638121	6974780	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Willows	Thin Moss Cover	Excellent	Coarse	
1031788	PED	7	638081	6974812	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Willows	Thin Moss Cover	Good	Coarse	
1031789	PED	7	638050	6974854	6/21/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Reindeer Moss	Excellent	Coarse	
1031790	PED	7	638012	6974885	6/21/2011	Reddish Yellow	Sand	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1031791	PED	7	637968	6974911	6/21/2011	Reddish Yellow	Sand	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1031792	PED	7	637899	6974984	6/21/2011	Reddish Yellow	Sand	Damp	Flat	80	C	White Spruce	Reindeer Moss	Excellent	Coarse	
1031793	PED	7	637931	6974943	6/21/2011	Chocolate Brown	Sand	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1031794	PED	7	637899	6974984	6/21/2011	Reddish Yellow	Sand	Damp	Flat	80	C	White Spruce	Reindeer Moss	Excellent	Coarse	
1031795	PED	7	637852	6975006	6/21/2011	Reddish Yellow	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031796	PED	7	637815	6975040	6/21/2011	Reddish Yellow	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Rocky	
1031797	PED	7	637772	6975069	6/21/2011	Dark Grey Black	Clay	Damp	Flat	60	B	Willows	Sphagnum Moss < 30cm	Poor	Mud	
1031798	PED	7	637726	6975086	6/21/2011	Grey	Clay	Damp	Flat	60	B	Black Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen	
1031799	PED	7	637675	6975093	6/21/2011	Reddish Yellow	Sand	Damp	Flat	80	C	Black Spruce	Thin Moss Cover	Excellent	Clay	
1031800	PED	7	637629	6975119	6/21/2011	Light Grey	Silt	Damp	Flat	100	C	Old Burn	Thin Moss Cover	Excellent	Quartz Chips	Coarse
1031801	PED	7	641409	6967936	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1031802	PED	7	641448	6967969	6/8/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Grass Cover	Good	Sand	
1031803	PED	7	641450	6968018	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Bare Soil	Excellent	Fine	
1031804	PED	7	641483	6968058	6/8/2011	Chocolate Brown	Sand	Dry	Steep	80	C	Poplar	Grass Cover	Excellent	Fine	Quartz Chips
1031805	PED	7	641503	6968103	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Excellent	Fine	
1031806	PED	7	641517	6968150	6/8/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	50	B	Poplar	Leaf Cover	Good	Sand	
1031807	PED	7	641522	6968200	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Grass Cover	Good	Fine	
1031808	PED	7	641539	6968246	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	Fine
1031809	PED	7	641560	6968297	6/8/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1031810	PED	7	641591	6968341	6/8/2011	Grey	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031811	PED	7	641624	6968381	6/8/2011	Grey	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031812	PED	7	641641	6968434	6/8/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031813	PED	7	641660	6968480	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031814	PED	7	641680	6968526	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Willows	Sphagnum Moss < 30cm	Good	Clay	
1031815	PED	7	641714	6968565	6/8/2011	Light Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031816	PED	7	641748	6968603	6/8/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	20	C	White Spruce	Reindeer Moss	Excellent	Sand	
1031817	PED	7	641377	6967475	6/8/2011	Light Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Rocky	
1031818	PED	7	641761	6968651	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1031819	PED	7	641271	6975796	6/10/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031820	PED	7	641246	6975842	6/10/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031821	PED	7	641246	6975842	6/10/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031822	PED	7	641218	6975887	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031823	PED	7	641195	6975933	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Good	Loess	
1031824	PED	7	641159	6975975	6/10/2011	Grey	Sand	Dry	Pronounced Slope	50	C	Poplar	Grass Cover	Excellent	Sand	
1031825	PED	7	641142	6976026	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031826	PED	7	641117	6976074	6/10/2011	Grey	Gravel	Dry	Steep	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031827	PED	7	641086	6976118	6/10/2011	Grey	Sand	Damp	Pronounced Slope	80	C	White Spruce	Bare Soil	Excellent	Sand	
1031828	PED	7	641349	6967319	6/8/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Poplar	Grass Cover	Good	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1031829	PED	7	641362	6967365	6/8/2011	Grey	Sand	Dry	Pronounced Slope	110	C	Poplar	Grass Cover	Good	Sand	
1031830	PED	7	641362	6967365	6/8/2011	Grey	Sand	Dry	Pronounced Slope	110	C	Poplar	Grass Cover	Good	Sand	
1031831	PED	7	641388	6967422	6/8/2011	Chocolate Brown	Silt	Dry	Steep	80	B	Poplar	Grass Cover	Good	Sand	
1031832	PED	7	641388	6967422	6/8/2011	Chocolate Brown	Silt	Dry	Steep	80	B	Poplar	Grass Cover	Good	Sand	
1031833	PED	7	641386	6967527	6/8/2011	Chocolate Brown	Gravel	Dry	Steep	80	C	Poplar	Bare Soil	Excellent	Sand	
1031834	PED	7	641377	6967475	6/8/2011	Light Brown	Sand	Dry	Steep	50	C	Poplar	Grass Cover	Excellent	Rocky	
1031835	PED	7	643329	6972983	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031836	PED	7	643288	6972952	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1031837	PED	7	643251	6972913	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Fine	
1031838	PED	7	643215	6972877	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Grass Cover	Good	Fine	
1031839	PED	7	643174	6972844	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031840	PED	7	643131	6972813	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1031841	PED	7	643089	6972782	6/12/2011	Reddish Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1031842	PED	7	643043	6972756	6/12/2011	Chocolate Brown	Gravel	Dry	Steep	40	C	Poplar	Grass Cover	Good	Coarse	
1031843	PED	7	642992	6972741	6/12/2011	Reddish Brown	Sand	Dry	Steep	30	B	Poplar	Grass Cover	Good	Fine	
1031844	PED	7	642951	6972710	6/12/2011	Chocolate Brown	Gravel	Dry	Steep	40	C	Pine	Needle Cover	Good	Coarse	
1031845	PED	7	642918	6972668	6/12/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Pine	Leaf Cover	Good	Coarse	
1031846	PED	7	642893	6972624	6/12/2011	Light Brown	Sand	Dry	Pronounced Slope	30	C	Pine	Needle Cover	Good	Fine	
1031847	PED	7	642849	6972598	6/12/2011	Chocolate Brown	Sand	Dry	Steep	30	C	Poplar	Grass Cover	Good	Fine	
1031848	PED	7	642741	6972486	6/12/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Grass Cover	Good	Fine	
1031849	PED	7	642704	6972449	6/12/2011	Chocolate Brown	Gravel	Dry	Steep	50	C	Poplar	Grass Cover	Good	Coarse	
1031850	PED	7	642707	6972383	6/12/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	Subalpine Fir	Grass Cover	Good	Coarse	
1031851	PED	7	643471	6968651	6/8/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	
1031852	PED	7	643432	6968684	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	20	C	Black Spruce	Thin Moss Cover	Poor	Sand	Rocky
1031853	PED	7	643410	6968730	6/8/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	Alders	Sphagnum Moss < 30cm	Excellent	Rocky	
1031854	PED	7	643392	6968778	6/8/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1031855	PED	7	643366	6968822	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1031856	PED	7	643330	6968858	6/8/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Thin Moss Cover	Good	Rocky	
1031857	PED	7	643314	6968907	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Clay	Rocky
1031858	PED	7	643330	6968954	6/8/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	C	Alders	Sphagnum Moss < 30cm	Poor	Rocky	
1031859	PED	7	643328	6969006	6/8/2011	Grey	Clay	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Poor	Rocky	Coarse
1031860	PED	7	643354	6969049	6/8/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	50	C	Black Spruce	Leaf Cover	Good	Rocky	
1031861	PED	7	643352	6969100	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky
1031862	PED	7	643361	6969150	6/8/2011	Dark Brown	Clay	Dry	Subtle Slope	40	B	Birch Forest	Leaf Cover	Good	Rocky	
1031863	PED	7	643359	6969200	6/8/2011	Chocolate Brown	Clay	Dry	Flat	40	B	Birch Forest	Leaf Cover	Good	Rocky	
1031864	PED	7	643397	6969234	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Bare Soil	Good	Coarse	Rocky
1031865	PED	7	643397	6969234	6/8/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Black Spruce	Bare Soil	Good	Coarse	Rocky
1031866	PED	7	643364	6969273	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	20	B	Alders	Leaf Cover	Poor	Rocky	Rocky
1031867	PED	7	643371	6969324	6/8/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Alders	Leaf Cover	Good	Rocky	
1031868	PED	7	643395	6969368	6/8/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	Alders	Sphagnum Moss < 30cm	Good	Rocky	
1031869	PED	7	643415	6969415	6/8/2011	Dark Brown	Clay	Dry	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Rocky	
1031870	PED	7	643461	6969434	6/8/2011	Dark Brown	Clay	Dry	Subtle Slope	30	B	Birch Forest	Leaf Cover	Good	Rocky	
1031871	PED	7	643475	6969489	6/8/2011	Dark Grey Black	Clay	Dry	Pronounced Slope	30	B	Birch Forest	Leaf Cover	Poor	Rocky	
1031872	PED	7	643508	6969528	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Birch Forest	Leaf Cover	Excellent	Fine	
1031873	PED	7	643532	6969571	6/8/2011	Grey	Clay	Damp	Subtle Slope	30	B	Birch Forest	Leaf Cover	Poor	Rocky	
1031874	PED	7	643574	6969600	6/8/2011	Grey	Sand	Wet	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1031875	PED	7	643597	6969645	6/8/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1031876	PED	7	643599	6969696	6/8/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1031877	PED	7	643605	6969746	6/8/2011	Dark Brown	Clay	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky	
1031878	PED	7	643633	6969788	6/8/2011	Grey	Clay	Wet	Pronounced Slope	20	B	Birch Forest	Leaf Cover	Poor	Rocky	
1031879	PED	7	643670	6969824	6/8/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky	
1031880	PED	7	643711	6969853	6/8/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1031881	PED	7	643733	6969898	6/8/2011	Grey	Gravel	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sand	
1031882	PED	7	643790	6969973	6/8/2011	Grey	Sand	Damp	Subtle Slope	40	C	Black Spruce	Reindeer Moss	Good	Partially Frozen	
1031883	PED	7	643823	6970011	6/8/2011	Grey	Clay	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	
1031884	PED	7	641063	6977985	6/10/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Alders	Leaf Cover	Good	Fine	
1031885	PED	7	641012	6977986	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Reindeer Moss	Good	Rocky	
1031886	PED	7	640962	6977994	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1031887	PED	7	640912	6977986	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Alders	Leaf Cover	Good	Rocky	
1031888	PED	7	640862	6977992	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1031889	PED	7	640812	6977993	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Birch Forest	Leaf Cover	Good	Rocky	
1031890	PED	7	636421	6966383	6/10/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	Black Spruce	Needle Cover	Good	Sand	
1031891	PED	7	640712	6977985	6/10/2011	Reddish Yellow	Clay	Damp	Pronounced Slope	90	C	Birch Forest	Leaf Cover	Good	Sand	
1031892	PED	7	640675	6977951	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	B	Black Spruce	Thin Moss Cover	Good	Fine	
1031893	PED	7	640626	6977942	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Leaf Cover	Good	Fine	
1031894	PED	7	640577	6977925	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1031895	PED	7	640577	6977925	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1031896	PED	7	640528	6977914	6/10/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Reindeer Moss	Excellent	Sand	
1031897	PED	7	640479	6977904	6/10/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Reindeer Moss	Excellent	Fine	
1031898	PED	7	640433	6977881	6/10/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Reindeer Moss	Excellent	Rocky	
1031899	PED	7	640390	6977854	6/10/2011	Chocolate Brown	Sand	Dry	Flat	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1031900	PED	7	640351	6977822	6/10/2011	Dark Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Bare Soil	Good	Fine	
1031901	PED	7	640815	6967627	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1031902	PED	7	640824	6967576	6/7/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	
1031903	PED	7	640856	6967539	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1031904	PED	7	640882	6967494	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1031905	PED	7	640916	6967459	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Bare Soil	Good	Coarse	Quartz Chips
1031906	PED	7	640954	6967427	6/7/2011	Chocolate Brown	Sand	Damp	Steep	80	C	Poplar	Grass Cover	Good	Fine	
1031907	PED	7	640996	6967398	6/7/2011	Chocolate Brown	Silt	Dry	Steep	90	B	Poplar	Grass Cover	Poor	Loess	
1031908	PED	7	641036	6967366	6/7/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	B	Poplar	Grass Cover	Good	Top of Cliff	Quartz Chips
1031909	PED	7	641076	6967336	6/7/2011	Grey	Sand	Dry	Pronounced Slope	80	C	White Spruce	Rock Cover	Excellent	Top of Cliff	Quartz Chips
1031910	PED	7	643528	6968577	6/8/2011	Dark Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1031911	PED	7	643572	6968553	6/8/2011	Chocolate Brown	Sand	Damp	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031912	PED	7	643610	6968520	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1031913	PED	7	643840	6968288	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031914	PED	7	643802	6968320	6/8/2011	Dark Brown	Silt	Damp	Pronounced Slope	80	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1031915	PED	7	643770	6968358	6/8/2011	Light Brown	Clay	Wet	Flat	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Possible Creek Contamination
1031916	PED	7	643731	6968389	6/8/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1031917	PED	7	643694	6968427	6/8/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Sand	
1031918	PED	7	643678	6968476	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Bare Soil	Good	Coarse	
1031919	PED	7	643663	6968523	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1031920	PED	7	643884	6968267	6/8/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	20	B	Poplar	Leaf Cover	Excellent	Rocky	
1031921	PED	7	643922	6968233	6/8/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Rocky	Quartz Chips
1031922	PED	7	643964	6968207	6/8/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	White Spruce	Grass Cover	Good	Top layer	
1031924	PED	7	643996	6968167	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Birch Forest	Leaf Cover	Good	Coarse	
1031925	PED	7	644005	6968117	6/8/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Fine	
1031926	PED	7	644046	6968090	6/8/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1031927	PED	7	644088	6968063	6/8/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	70	B	Poplar	Bare Soil	Poor	Rocky	Coarse
1031928	PED	7	644131	6968036	6/8/2011	Chocolate Brown	Silt	Dry	Subtle Slope	70	C	Poplar	Grass Cover	Good	Fine	
1031929	PED	7	644174	6968006	6/8/2011	Dark Brown	Gravel	Dry	Flat	30	C	White Spruce	Grass Cover	Good	Top layer	
1031930	PED	7	644218	6967979	6/8/2011	Chocolate Brown	Gravel	Dry	Steep	30	C	Birch Forest	Leaf Cover	Good	Top of Cliff	Rocky
1031931	PED	7	644262	6967953	6/8/2011	Dark Brown	Sand	Dry	Pronounced Slope	40	C	Poplar	Bare Soil	Excellent	Coarse	
1031932	PED	7	644311	6967947	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1031933	PED	7	644359	6967933	6/8/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	C	Poplar	Rock Cover	Good	Top of Cliff	Top layer
1031934	PED	7	644399	6967962	6/8/2011	Chocolate Brown	Silt	Wet	Steep	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Mud	Top of Cliff
1031935	PED	7	644447	6967981	6/8/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Top of Cliff	Coarse
1031936	PED	7	644497	6967981	6/8/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Top layer	Top of Cliff
1031937	PED	7	644532	6968016	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Thin Moss Cover	Good	Coarse	
1031938	PED	7	644532	6968016	6/8/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Thin Moss Cover	Good	Coarse	Quartz Chips
1031939	PED	7	644579	6968032	6/8/2011	Grey	Silt	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1031940	PED	7	644625	6968052	6/8/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Rocky	
1031941	PED	7	644679	6968066	6/8/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Organic 10%
1031942	PED	7	644730	6968085	6/8/2011	Light Brown	Silt	Dry	Pronounced Slope	110	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	
1031943	PED	7	639538	6970425	6/9/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	Dwarf Birch	Grass Cover	Good	Rocky	Coarse
1031944	PED	7	639580	6970450	6/9/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1031946	PED	7	643956	6973902	6/12/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1031947	PED	7	640158	6971580	6/9/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1031948	PED	7	640168	6971680	6/9/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss > 30cm	Excellent	Partially Frozen	
1031949	PED	7	640176	6971731	6/9/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss > 30cm	Excellent	Fine	
1031950	PED	7	640187	6971781	6/9/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen	
1031951	PED	7	640027	6968612	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	
1031952	PED	7	639982	6968590	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Leaf Cover	Excellent	Sand	
1031953	PED	7	639889	6968533	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031954	PED	7	639936	6968570	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	B	White Spruce	Leaf Cover	Excellent	Clay	
1031955	PED	7	639853	6968489	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Clay	
1031956	PED	7	639823	6968450	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031957	PED	7	639785	6968405	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031958	PED	7	639759	6968356	6/7/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031959	PED	7	639745	6968311	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031960	PED	7	639710	6968276	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031961	PED	7	639662	6968247	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031962	PED	7	639642	6968197	6/7/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031963	PED	7	639604	6968162	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031964	PED	7	639585	6968112	6/7/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031965	PED	7	639566	6968065	6/7/2011	Chocolate Brown	Clay	Dry	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031966	PED	7	639552	6968015	6/7/2011	Chocolate Brown	Sand	Dry	Steep	50	C	Poplar	Leaf Cover	Excellent	Sand	
1031967	PED	7	639531	6967965	6/7/2011	Chocolate Brown	Sand	Dry	Steep	40	C	Poplar	Leaf Cover	Excellent	Sand	
1031968	PED	7	639509	6967921	6/7/2011	Chocolate Brown	Sand	Dry	Steep	60	C	Poplar	Leaf Cover	Excellent	Sand	
1031969	PED	7	639491	6967872	6/7/2011	Chocolate Brown	Sand	Dry	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031970	PED	7	639468	6967824	6/7/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031971	PED	7	639463	6967775	6/7/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031972	PED	7	639452	6967725	6/7/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	
1031973	PED	7	639433	6967668	6/7/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031974	PED	7	639415	6967613	6/7/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031975	PED	7	639409	6967562	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031976	PED	7	639375	6967520	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031977	PED	7	639355	6967471	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Sand	
1031978	PED	7	639318	6967436	6/7/2011	Chocolate Brown	Sand	Dry	Steep	30	B	Poplar	Leaf Cover	Excellent	Coarse	
1031979	PED	7	639299	6967382	6/7/2011	Chocolate Brown	Sand	Dry	Steep	70	C	Poplar	Leaf Cover	Excellent	Sand	
1031980	PED	7	639268	6967335	6/7/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Good	Transported Soil	
1031981	PED	7	639243	6967287	6/7/2011	Chocolate Brown	Sand	Dry	Steep	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1031982	PED	7	639243	6967287	6/7/2011	Chocolate Brown	Sand	Dry	Steep	50	C	White Spruce	Leaf Cover	Excellent	Sand	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1031984	PED	7	641042	6971527	6/9/2011	Reddish Brown	Gravel	Dry	Pronounced Slope	70	C	Pine	Needle Cover	Excellent	Rocky	
1031985	PED	7	641086	6971555	6/9/2011	Chocolate Brown	Sand	Dry	Steep	50	C	White Spruce	Leaf Cover	Excellent	Sand	
1031986	PED	7	641131	6971582	6/9/2011	Reddish Brown	Gravel	Wet	Steep	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1031987	PED	7	641172	6971614	6/9/2011	Chocolate Brown	Silt	Wet	Steep	50	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Fine	
1031988	PED	7	639348	6978359	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Sand	
1031989	PED	7	639373	6978315	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Poplar	Grass Cover	Excellent	Coarse	
1031990	PED	7	639401	6978269	6/10/2011	Chocolate Brown	Sand	Dry	Steep	80	C	Poplar	Grass Cover	Excellent	Sand	
1031991	PED	7	639428	6978225	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Grass Cover	Excellent	Sand	
1031992	PED	7	639452	6978178	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Leaf Cover	Excellent	Sand	
1031993	PED	7	639481	6978078	6/10/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Wet Soil
1031994	PED	7	639491	6978027	6/10/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Wet Soil
1031995	PED	7	639500	6977975	6/10/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Wet Soil
1031996	PED	7	639507	6977923	6/10/2011	Dark Brown	Silt	Dry	Steep	50	B	White Spruce	Sphagnum Moss > 30cm	Poor	Fine	
1031997	PED	7	639512	6977872	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1031998	PED	7	639518	6977819	6/10/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	70	C	White Spruce	Grass Cover	Excellent	Fine	
1031999	PED	7	639519	6977767	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	B	White Spruce	Grass Cover	Good	Fine	
1032000	PED	7	639521	6977715	6/10/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1053077	PED	7	613923	6981441	6/26/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Grass Cover	Good	Coarse	
1053078	PED	7	613285	6982161	6/26/2011	Reddish Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Dull Red Rust	
1053079	PED	7	613310	6982119	6/26/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1053080	PED	7	613323	6982071	6/26/2011	Greyish Green	Gravel	Dry	Flat	40	C	White Spruce	Thin Moss Cover	Good	Dull Red Rust	Quartz Chips
1053081	PED	7	613339	6982024	6/26/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Dull Red Rust	Quartz Chips
1053082	PED	7	613349	6981975	6/26/2011	Reddish Brown	Sand	Dry	Subtle Slope	30	C	White Spruce	Thin Moss Cover	Good	Dull Red Rust	Rocky
1053083	PED	7	613365	6981929	6/26/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Poplar	Thin Moss Cover	Good	Fine	
1053084	PED	7	613401	6981893	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Dull Red Rust	Coarse
1053085	PED	7	613443	6981865	6/26/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1053101	PED	7	619302	6981176	6/27/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	100	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1053102	PED	7	605584	6987202	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1053103	PED	7	605610	6987246	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rusty Rock Chip
1053104	PED	7	605638	6987288	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Dull Red Rust
1053105	PED	7	605658	6987334	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Clay
1053106	PED	7	605684	6987378	7/2/2011	Chocolate Brown			Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Clay
1053107	PED	7	605712	6987420	7/2/2011	Reddish Orange	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	Organic 10%
1053108	PED	7	605724	6987471	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Rocky
1053109	PED	7	605723	6987469	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Dull Red Rust	Fine
1053110	PED	7	605737	6987518	7/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rusty Rock Chip
1053111	PED	7	605761	6987571	7/2/2011	Light Bluish Grey	Sand	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Wet Soil
1053112	PED	7	605791	6987611	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1053113	PED	7	605813	6987657	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1053114	PED	7	605828	6987704	7/2/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Rocky
1053115	PED	7	605846	6987751	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1053116	PED	7	605863	6987798	7/2/2011	Reddish Brown	Sand	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky Sample	Wet Soil
1053117	PED	7	605890	6987839	7/2/2011	Light Brown	Sand	Wet	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky
1053118	PED	7	605917	6987884	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1053119	PED	7	605932	6987932	7/2/2011	Light Brown	Sand	Wet	Subtle Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1053120	PED	7	605956	6987976	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	Sandy
1053121	PED	7	605956	6988026	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1053122	PED	7	605949	6988076	7/2/2011	Reddish Orange	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1053123	PED	7	605926	6988122	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Rocky Sample	Coarse
1053124	PED	7	605910	6988170	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Rusty Rock Chip	Coarse
1053951	PED	7	607102	6978280	6/19/2011	Chocolate Brown	Silt	Damp	Flat	50	C	Birch Forest	Leaf Cover	Good	Fine	
1053952	PED	7	607099	6978230	6/19/2011	Chocolate Brown	Silt	Damp	Flat	50	C	Birch Forest	Thin Moss Cover	Good	Rocky Terrain	
1053953	PED	7	607098	6978179	6/19/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Bright Orange Rust	
1053954	PED	7	607098	6978179	6/19/2011	Chocolate Brown	Sand	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Bright Orange Rust	
1053955	PED	7	607101	6978125	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Rocky
1053956	PED	7	607093	6978076	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Rocky Terrain	
1053957	PED	7	607090	6978027	6/19/2011	Dark Brown	Clay	Wet	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky Terrain	
1053958	PED	7	607081	6977977	6/19/2011	Reddish Orange	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Bright Orange Rust	
1053959	PED	7	607086	6977926	6/19/2011	Reddish Orange	Sand	Damp	Subtle Slope	60	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	
1053960	PED	7	607080	6977876	6/19/2011	Reddish Orange	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1053961	PED	7	607071	6977827	6/19/2011	Reddish Yellow	Silt	Damp	Flat	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1053962	PED	7	607039	6977788	6/19/2011	Reddish Brown	Sand	Damp	Flat	70	C	Birch Forest	Leaf Cover	Excellent	Coarse	
1053963	PED	7	607007	6977748	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1053964	PED	7	606970	6977713	6/19/2011	Light Brown	Sand	Damp	Subtle Slope	60	C	Birch Forest	Leaf Cover	Good	Fine	
1053965	PED	7	606933	6977685	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	
1053966	PED	7	606887	6977666	6/19/2011	Chocolate Brown	Silt	Damp	Flat	40	B	Birch Forest	Leaf Cover	Poor	Rocky Terrain	Rocky
1053967	PED	7	606845	6977643	6/19/2011	Reddish Yellow	Sand	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Fine	
1053968	PED	7	606804	6977614	6/19/2011	Reddish Yellow	Silt	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1053969	PED	7	606758	6977593	6/19/2011	Reddish Yellow	Silt	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Coarse	
1053970	PED	7	606716	6977562	6/19/2011	Reddish Yellow	Silt	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Poor	Rocky Terrain	Rocky
1053971	PED	7	606674	6977533	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Poplar	Leaf Cover	Good	Rocky Terrain	Rocky
1053972	PED	7	606660	6977487	6/19/2011	Greyish Green	Silt	Damp	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	Rocky
1053973	PED	7	606636	6977440	6/19/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1053974	PED	7	606623	6977391	6/19/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1053975	PED	7	606607	6977344	6/19/2011	Light Brown	Silt	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky Terrain	
1053976	PED	7	606601	6977291	6/19/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1053977	PED	7	606571	6977250	6/19/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	White Spruce	Needle Cover	Good	Rocky Terrain	
1053978	PED	7	606539	6977211	6/19/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Clay
1053979	PED	7	606526	6977162	6/19/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky Terrain	Coarse
1053980	PED	7	606502	6977118	6/19/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1053981	PED	7	606483	6977073	6/19/2011	Light Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1053982	PED	7	606444	6977039	6/19/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1053983	PED	7	606414	6976999	6/19/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1053984	PED	7	608164	6977720	6/20/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1053985	PED	7	608140	6977675	6/20/2011	Dark Brown	Silt	Damp	Pronounced Slope	60	C	Birch Forest	Leaf Cover	Good	Rocky Terrain	Rocky
1053986	PED	7	608117	6977631	6/20/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Good	Rocky Terrain	
1053987	PED	7	608093	6977587	6/20/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1053988	PED	7	608093	6977572	6/20/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1053989	PED	7	608061	6977533	6/20/2011	Light Brown	Silt	Dry	Pronounced Slope	30	B	Poplar	Leaf Cover	Poor	Rocky Terrain	Rocky
1053990	PED	7	608042	6977486	6/20/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Outcrop Nearby	Rocky Terrain
1053991	PED	7	611083	6984311	6/26/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1053992	PED	7	611102	6984265	6/26/2011	Dark Olivine Green	Sand	Damp	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1053993	PED	7	611135	6984227	6/26/2011	Light Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1053994	PED	7	611169	6984189	6/26/2011	Light Brown	Silt	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	
1053995	PED	7	611205	6984155	6/26/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1053996	PED	7	611244	6984123	6/26/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1053997	PED	7	611283	6984092	6/26/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1053998	PED	7	611325	6984066	6/26/2011	Greyish Green	Gravel	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Bright Orange Rust	Fine
1053999	PED	7	611368	6984043	6/26/2011	Reddish Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1054000	PED	7	611409	6984015	6/26/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Fine	
1054001	PED	7	609949	6981058	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1054002	PED	7	609928	6981012	6/28/2011	Dark Brown	Gravel	Wet	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Mud	Rocky
1054003	PED	7	609906	6980966	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Rocky Sample
1054004	PED	7	609890	6980919	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1054005	PED	7	615155	6981718	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1054006	PED	7	615205	6981735	6/27/2011	Reddish Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1054007	PED	7	615253	6981758	6/27/2011	Reddish Orange	Sand	Damp	Steep	70	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1054008	PED	7	615291	6981791	6/27/2011	Chocolate Brown	Gravel	Damp	Steep	30	C	Poplar	Leaf Cover	Good	Rocky Sample	Rocky
1054009	PED	7	615300	6981841	6/27/2011	Chocolate Brown	Sand	Damp	Steep	30	C	Poplar	Leaf Cover	Good	Sandy	
1054010	PED	7	615320	6981889	6/27/2011	Reddish Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Excellent	Sandy	
1054011	PED	7	615337	6981938	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1054012	PED	7	615356	6981984	6/27/2011	Dark Brown	Gravel	Damp	Subtle Slope	100	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1054013	PED	7	615377	6982031	6/27/2011	Chocolate Brown	Sand	Damp	Steep	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1054014	PED	7	615401	6982077	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1054015	PED	7	615417	6982124	6/27/2011	Dark Blue Black	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss > 30cm	Good	Rocky	Coarse
1054016	PED	7	615444	6982168	6/27/2011	Dark Brown	Gravel	Damp	Pronounced Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky Terrain
1054017	PED	7	615471	6982212	6/27/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	Sandy
1054018	PED	7	615497	6982255	6/27/2011	Chocolate Brown	Sand	Damp	Steep	70	C	Poplar	Leaf Cover	Good	Coarse	
1054019	PED	7	615524	6982298	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Sandy
1054020	PED	7	615552	6982345	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1054021	PED	7	615552	6982345	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1054022	PED	7	615575	6982391	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Rocky
1054023	PED	7	615609	6982433	6/27/2011	Chocolate Brown	Clay	Damp	Steep	40	B	Poplar	Leaf Cover	Poor	Clay	
1054024	PED	7	615640	6982472	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1054025	PED	7	615662	6982517	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	Sandy
1054026	PED	7	615693	6982557	6/27/2011	Dark Brown	Sand	Dry	Pronounced Slope	90	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	Loess
1054027	PED	7	615729	6982593	6/27/2011	Grey	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1054028	PED	7	615759	6982634	6/27/2011	Dark Blue Black	Sand	Damp	Pronounced Slope	90	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Sandy
1054029	PED	7	615787	6982678	6/27/2011	Reddish Brown	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1054030	PED	7	615823	6982714	6/27/2011	Light Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Coarse	
1054031	PED	7	615863	6982744	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Sandy
1054032	PED	7	615892	6982788	6/27/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1054033	PED	7	615917	6982832	6/27/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	Sandy
1054034	PED	7	615959	6982861	6/27/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1054035	PED	7	616004	6982885	6/27/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1054036	PED	7	616042	6982919	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Dwarf Birch	Leaf Cover	Excellent	Coarse	Rocky
1054037	PED	7	616081	6982952	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Sandy
1054038	PED	7	625934	6970330	6/28/2011	Light Bluish Grey	Gravel	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1054039	PED	7	625909	6970287	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1054040	PED	7	625879	6970246	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1054041	PED	7	625853	6970203	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Talus
1054042	PED	7	625822	6970163	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1054043	PED	7	625804	6970117	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1054044	PED	7	625804	6970117	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1054045	PED	7	625781	6970072	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1054046	PED	7	625759	6970027	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1054047	PED	7	625741	6969981	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1054048	PED	7	625718	6969935	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1054049	PED	7	625679	6969903	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1054050	PED	7	625636	6969878	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Poplar	Grass Cover	Good	Coarse	Talus
1054051	PED	7	625678	6970928	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1054052	PED	7	625633	6970904	6/28/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Talus	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1054053	PED	7	625589	6970877	6/28/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Talus
1054054	PED	7	625543	6970851	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1054055	PED	7	625502	6970821	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1054056	PED	7	625461	6970790	6/28/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1054057	PED	7	625419	6970763	6/28/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1054058	PED	7	625383	6970727	6/28/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Small Sample
1054059	PED	7	625349	6970689	6/28/2011	Grey	Gravel	Dry	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Talus	
1054060	PED	7	625307	6970658	6/28/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	
1054061	PED	7	625268	6970624	6/28/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Talus
1054062	PED	7	625229	6970590	6/28/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Talus	Quartz Chips
1054063	PED	7	625189	6970559	6/28/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Talus
1054064	PED	7	625152	6970525	6/28/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Talus
1054065	PED	7	625117	6970488	6/28/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Black Spruce	Sphagnum Moss > 30cm	Good	Talus	Quartz Chips
1054066	PED	7	625117	6970488	6/28/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Talus	Quartz Chips
1054067	PED	7	628159	6975302	6/30/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054068	PED	7	627909	6975326	6/30/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips	Rocky Terrain
1054069	PED	7	627860	6975338	6/30/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain	Quartz Chips
1054070	PED	7	627819	6975368	6/30/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054071	PED	7	627774	6975392	6/30/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips	
1054072	PED	7	627731	6975419	6/30/2011	Grey	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1054075	PED	7	627691	6975450	6/30/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1054076	PED	7	627652	6975483	6/30/2011	Grey	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054077	PED	7	628010	6975319	6/30/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1054078	PED	7	627960	6975323	6/30/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054079	PED	7	628060	6975314	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain	Quartz Chips
1054080	PED	7	628109	6975306	6/30/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Dull Red Rust	Rocky Terrain
1054081	PED	7	627612	6975515	6/30/2011	Grey	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Frost Boil	Good	Coarse	
1054082	PED	7	627574	6975549	6/30/2011	Light Brown	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1054083	PED	7	627544	6975590	6/30/2011	Light Brown	Silt	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1054084	PED	7	627514	6975629	6/30/2011	Dark Brown	Silt	Damp	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1054085	PED	7	627482	6975671	6/30/2011	Light Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Rocky Terrain
1054086	PED	7	627451	6975711	6/30/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	
1054087	PED	7	627419	6975750	6/30/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Organic 25%
1054088	PED	7	627387	6975790	6/30/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054089	PED	7	627357	6975831	6/30/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Talus
1054090	PED	7	627319	6975865	6/30/2011	Grey	Silt	Wet	Pronounced Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054091	PED	7	627281	6975897	6/30/2011	Grey	Silt	Wet	Pronounced Slope	80	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054092	PED	7	627243	6975932	6/30/2011	Grey	Gravel	Damp	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1054093	PED	7	627205	6975964	6/30/2011	Light Brown	Sand	Damp	Pronounced Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054094	PED	7	627205	6975964	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054095	PED	7	627166	6975998	6/30/2011	Grey	Silt	Damp	Pronounced Slope	50	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	
1054096	PED	7	627122	6976024	6/30/2011	Light Brown	Sand	Damp	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054097	PED	7	627077	6976047	6/30/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1054098	PED	7	627031	6976070	6/30/2011	Light Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss > 30cm	Good	Coarse	Rocky Terrain
1054099	PED	7	626981	6976085	6/30/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1054100	PED	7	626929	6976093	6/30/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054101	PED	7	626929	6976093	6/30/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054102	PED	7	626879	6976102	6/30/2011	Reddish Brown	Sand	Dry	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054103	PED	7	632201	6978612	7/1/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Talus	
1054104	PED	7	632238	6978645	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Organic 25%
1054105	PED	7	632163	6978579	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054106	PED	7	632123	6978548	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1054108	PED	7	632045	6978484	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	
1054109	PED	7	632005	6978454	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Talus	
1054110	PED	7	631964	6978423	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips	
1054111	PED	7	631925	6978390	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips	Talus
1054112	PED	7	631891	6978352	7/1/2011	Chocolate Brown	Silt	Dry	Flat	20	B	Dwarf Birch	Grass Cover	Good	Quartz Chips	
1054113	PED	7	631862	6978309	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips	
1054114	PED	7	631838	6978264	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips	
1054115	PED	7	631815	6978219	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1054116	PED	7	631796	6978173	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	Small Sample
1054118	PED	7	631704	6978024	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	B	No Tree Cover	Thin Moss Cover	Good	Coarse	Quartz Chips
1054119	PED	7	631704	6978024	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	No Tree Cover	Thin Moss Cover	Good	Coarse	Quartz Chips
1054120	PED	7	631694	6977974	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1054121	PED	7	631662	6977936	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Talus	Rocky Terrain
1054122	PED	7	631626	6977901	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Quartz Chips	Rocky Terrain
1054123	PED	7	631591	6977865	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	60	B	Dwarf Birch	Sphagnum Moss > 30cm	Good	Rocky Terrain	Talus
1054124	PED	7	631557	6977828	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054125	PED	7	631482	6977760	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Terrain	Talus
1054126	PED	7	631446	6977724	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	Talus
1054127	PED	7	631407	6977691	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1054128	PED	7	631368	6977658	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Talus	Rocky Terrain
1054129	PED	7	631292	6977593	7/1/2011	Chocolate Brown	Silt	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1054130	PED	7	631244	6977574	7/1/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1054131	PED	7	631196	6977558	7/1/2011	Dark Brown	Silt	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1054132	PED	7	631149	6977537	7/1/2011	Dark Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Talus	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1054133	PED	7	629108	6980402	7/2/2011	Chocolate Brown	Silt	Damp	Flat	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Terrain	
1054134	PED	7	629122	6980451	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1054135	PED	7	629135	6980500	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	
1054136	PED	7	629147	6980549	7/2/2011	Dark Brown	Silt	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Talus
1054137	PED	7	629161	6980597	7/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Talus
1054138	PED	7	629173	6980648	7/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Talus
1054139	PED	7	629189	6980696	7/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Quartz Chips	Rocky Terrain
1054140	PED	7	629201	6980745	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Coarse	Talus
1054141	PED	7	629219	6980792	7/2/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	No Tree Cover	Rock Cover	Poor	Talus	Rocky Terrain
1054142	PED	7	629238	6980839	7/2/2011	Grey	Silt	Wet	Pronounced Slope	40	B	No Tree Cover	Frost Boil	Good	Coarse	
1054143	PED	7	629257	6980884	7/2/2011	Dark Brown	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss > 30cm	Poor	Frozen	
1054144	PED	7	629295	6980978	7/2/2011	Grey	Sand	Wet	Pronounced Slope	40	C	No Tree Cover	Frost Boil	Good	Talus	
1054145	PED	7	629314	6981023	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Quartz Chips	
1054146	PED	7	629356	6981114	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Quartz Chips	
1054147	PED	7	629383	6981156	7/2/2011	Grey	Silt	Damp	Subtle Slope	50	B	No Tree Cover	Thin Moss Cover	Good	Coarse	Talus
1054148	PED	7	629404	6981201	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Quartz Chips	Outcrop Nearby
1054149	PED	7	629424	6981247	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Quartz Chips	Outcrop Nearby
1054150	PED	7	629423	6981297	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	No Tree Cover	Thin Moss Cover	Good	Quartz Chips	
1054151	PED	7	618824	6980399	7/1/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1054152	PED	7	618773	6980406	7/1/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1054153	PED	7	618724	6980414	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky
1054154	PED	7	618673	6980415	7/1/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1054155	PED	7	618624	6980425	7/1/2011	Reddish Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky Sample
1054156	PED	7	618574	6980432	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Rock Cover	Good	Fine	
1054157	PED	7	618525	6980444	7/1/2011	Reddish Yellow	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Dull Red Rust	Partially Frozen
1054158	PED	7	618477	6980461	7/1/2011	Light Brown	Sand	Wet	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Dull Red Rust
1054159	PED	7	618428	6980470	7/1/2011	Reddish Yellow	Sand	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Partially Frozen	Dull Red Rust
1054160	PED	7	618381	6980485	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1054161	PED	7	618332	6980498	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1054162	PED	7	618283	6980510	7/1/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1054163	PED	7	618235	6980525	7/1/2011	Reddish Yellow	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Quartz Chips	Rocky
1054164	PED	7	618188	6980544	7/1/2011	Reddish Yellow	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Dull Red Rust
1054165	PED	7	618139	6980554	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample	Fine
1054166	PED	7	618090	6980569	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Organic 10%
1054167	PED	7	618044	6980589	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1054168	PED	7	617998	6980611	7/1/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Organic 25%
1054169	PED	7	617950	6980629	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Fine	
1054170	PED	7	617905	6980651	7/1/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Organic 25%
1054171	PED	7	617857	6980658	7/1/2011	Chocolate Brown	Gravel	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Organic 10%	Rocky
1054172	PED	7	617810	6980683	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1054173	PED	7	617762	6980702	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1054174	PED	7	617713	6980718	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Mud
1054175	PED	7	617667	6980736	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Fine	
1054176	PED	7	617668	6980738	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Good	Fine	
1054177	PED	7	617620	6980754	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Fine	
1054178	PED	7	617572	6980769	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1054179	PED	7	617526	6980790	7/1/2011	Reddish Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1054180	PED	7	617476	6980797	7/1/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1054181	PED	7	617426	6980805	7/1/2011	Greyish Green	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1054182	PED	7	617377	6980816	7/1/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Fine	Quartz Chips
1054183	PED	7	617325	6980819	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1054184	PED	7	617278	6980835	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Fine	
1054185	PED	7	607957	6986179	7/2/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Clay	Fine
1054186	PED	7	607966	6986130	7/2/2011	Dark Blue Black	Clay	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Good	Sandy	Fine
1054189	PED	7	618043	6978732	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Quartz Chips	Rocky Terrain
1054190	PED	7	618004	6978764	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Clay	Rocky
1054191	PED	7	617961	6978790	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Coarse
1054192	PED	7	617917	6978814	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Quartz Chips	Coarse
1054193	PED	7	617870	6978833	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Quartz Chips	Rocky Terrain
1054194	PED	7	617831	6978866	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1054195	PED	7	617784	6978884	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Coarse	Quartz Chips
1054196	PED	7	616578	6977125	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Sphagnum Moss < 30cm	Good	Clay	Coarse
1054197	PED	7	616539	6977093	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Grass Cover	Excellent	Coarse	Sandy
1054198	PED	7	616495	6977068	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1054199	PED	7	616462	6977030	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Grass Cover	Good	Fine	Rusty Rock Chip
1054200	PED	7	616438	6976986	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Grass Cover	Excellent	Fine	
1054201	PED	7	629430	6981348	7/2/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Dwarf Birch	Rock Cover	Good	Rocky Terrain	Talus
1054202	PED	7	629452	6981393	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Quartz Chips	
1054204	PED	7	629499	6981483	7/2/2011	Grey	Silt	Damp	Subtle Slope	70	B	Old Burn	Thin Moss Cover	Good	Talus	
1054205	PED	7	629519	6981529	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Old Burn	Thin Moss Cover	Good	Coarse	Quartz Chips
1054206	PED	7	629540	6981575	7/2/2011	Light Brown	Silt	Damp	Flat	50	B	Old Burn	Thin Moss Cover	Good	Quartz Chips	
1054207	PED	7	629561	6981621	7/2/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Old Burn	Burnt Moss	Good	Outcrop Nearby	
1054208	PED	7	629582	6981667	7/2/2011	Chocolate Brown	Silt	Dry	Subtle Slope	30	B	Old Burn	Burnt Moss	Good	Rocky Terrain	Talus
1054209	PED	7	629604	6981711	7/2/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Old Burn	Burnt Moss	Good	Talus	
1054210	PED	7	629627	6981756	7/2/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Old Burn	Burnt Moss	Good	Talus	Rocky Terrain
1054211	PED	7	629648	6981801	7/2/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	30	B	Old Burn	Burnt Moss	Good	Quartz Chips	Talus

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1054212	PED	7	629670	6981846	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Old Burn	Burnt Moss	Excellent	Fine	Quartz Chips
1054213	PED	7	629670	6981846	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Old Burn	Burnt Moss	Excellent	Fine	Quartz Chips
1054214	PED	7	629694	6981890	7/2/2011	Light Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	Talus
1054215	PED	7	607839	6983355	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1054216	PED	7	607809	6983396	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054217	PED	7	607781	6983437	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054218	PED	7	607752	6983478	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054219	PED	7	607724	6983520	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054220	PED	7	607696	6983562	7/3/2011	Reddish Brown	Silt	Dry	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1054221	PED	7	607666	6983604	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054222	PED	7	607639	6983646	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054223	PED	7	607626	6983696	7/3/2011	Dark Blue Black	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054224	PED	7	607608	6983743	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054225	PED	7	607591	6983791	7/3/2011	Light Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054226	PED	7	607576	6983838	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054227	PED	7	607558	6983887	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054228	PED	7	607542	6983934	7/3/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1054229	PED	7	607532	6983985	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054230	PED	7	607522	6984036	7/3/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054231	PED	7	607509	6984085	7/3/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1054232	PED	7	607499	6984135	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054233	PED	7	607485	6984185	7/3/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054234	PED	7	607471	6984235	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1054235	PED	7	607456	6984284	7/3/2011	Reddish Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1054236	PED	7	607445	6984332	7/3/2011	Reddish Brown	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1054237	PED	7	607422	6984378	7/3/2011	Reddish Orange	Sand	Dry	Pronounced Slope	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1054238	PED	7	607422	6984378	7/3/2011	Reddish Orange	Sand	Dry	Pronounced Slope	100	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1054239	PED	7	607406	6984425	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054240	PED	7	607374	6984464	7/3/2011	Reddish Orange	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1054241	PED	7	607339	6984502	7/3/2011	Reddish Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1054242	PED	7	607300	6984537	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054243	PED	7	607261	6984569	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054244	PED	7	607218	6984596	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054245	PED	7	607175	6984623	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1054246	PED	7	607132	6984653	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054247	PED	7	607091	6984684	7/3/2011	Chocolate Brown	Silt	Wet	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1054251	PED	7	632775	6977542	7/1/2011	Chocolate Brown	Clay	Damp	Flat	60	B	No Tree Cover	Rock Cover	Good	Clay	Rocky Terrain
1054252	PED	7	632775	6977592	7/1/2011	Dark Brown	Clay	Damp	Flat	20	B	No Tree Cover	Rock Cover	Poor	Clay	Rocky Terrain
1054253	PED	7	632775	6977642	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	No Tree Cover	Rock Cover	Poor	Organic 25%	Rocky Terrain
1054254	PED	7	632775	6977693	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	60	B	No Tree Cover	Rock Cover	Good	Clay	Rocky Terrain
1054255	PED	7	632784	6977743	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	50	B	No Tree Cover	Rock Cover	Good	Organic 10%	Rocky Terrain
1054256	PED	7	632802	6977790	7/1/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1054257	PED	7	632839	6977883	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	Willows	Sphagnum Moss < 30cm	Poor	Frozen	Small Sample
1054259	PED	7	632876	6977977	7/1/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Mud	Partially Frozen
1054260	PED	7	632879	6978027	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	50	B	No Tree Cover	Rock Cover	Good	Clay	Rocky Terrain
1054261	PED	7	632884	6978076	7/1/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 25%	Clay
1054262	PED	7	632891	6978176	7/1/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Clay
1054263	PED	7	632888	6978226	7/1/2011	Dark Brown	Clay	Damp	Pronounced Slope	30	B	Willows	Sphagnum Moss < 30cm	Poor	Clay	Organic 10%
1054264	PED	7	632868	6978578	7/1/2011	Dark Brown	Silt	Damp	Subtle Slope	30	B	Willows	Sphagnum Moss < 30cm	Poor	Frozen	Organic 50%
1054265	PED	7	632868	6978628	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Organic 25%
1054266	PED	7	632876	6978678	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Coarse	Organic 25%
1054267	PED	7	632884	6978727	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1054268	PED	7	632891	6978776	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1054269	PED	7	632898	6978826	7/1/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Coarse	Clay
1054270	PED	7	632905	6978875	7/1/2011	Dark Brown	Gravel	Damp	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1054271	PED	7	632913	6978925	7/1/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1054272	PED	7	632926	6979024	7/1/2011	Dark Brown	Clay	Damp	Pronounced Slope	30	A	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Top Layer
1054273	PED	7	621750	6982103	7/2/2011	Dark Brown	Clay	Damp	Flat	60	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1054274	PED	7	621703	6982122	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1054275	PED	7	621657	6982138	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1054276	PED	7	621610	6982158	7/2/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1054277	PED	7	621564	6982179	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1054278	PED	7	621518	6982201	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1054279	PED	7	621518	6982201	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1054280	PED	7	621474	6982224	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	Outcrop Nearby
1054281	PED	7	621428	6982246	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1054282	PED	7	621384	6982272	7/2/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Organic 10%
1054283	PED	7	621341	6982298	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1054284	PED	7	621297	6982323	7/2/2011	Chocolate Brown	Clay	Wet	Flat	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Mud
1054285	PED	7	621261	6982357	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1054286	PED	7	621225	6982394	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1054287	PED	7	618560	6978303	7/1/2011	Light Brown	Sand	Damp	Flat	90	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1054288	PED	7	618512	6978317	7/1/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Old Burn	Burnt Moss	Good	Coarse	Quartz Chips
1054289	PED	7	618463	6978332	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	Quartz Chips
1054290	PED	7	618421	6978359	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1054291	PED	7	618381	6978389	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1054292	PED	7	618342	6978421	7/1/2011	Reddish Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Thin Moss Cover	Good	Coarse	Quartz Chips
1054293	PED	7	618310	6978461	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Quartz Chips
1054294	PED	7	618275	6978498	7/1/2011	Reddish Orange	Gravel	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1054295	PED	7	618236	6978530	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	90	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1054296	PED	7	618197	6978564	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	70	C	Poplar	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1054297	PED	7	618165	6978602	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1054298	PED	7	618167	6978653	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	80	C	Old Burn	Burnt Moss	Good	Coarse	Quartz Chips
1054299	PED	7	618127	6978684	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Good	Coarse	Quartz Chips
1054300	PED	7	618079	6978697	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky	Coarse
1054301	PED	7	631034	6978916	7/1/2011	Dark Grey Black	Silt	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss > 30cm	Poor	Frozen	Rocky Terrain
1054302	PED	7	631084	6978922	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Coarse	Rocky Terrain
1054303	PED	7	631134	6978926	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Sphagnum Moss > 30cm	Good	Coarse	Rocky Terrain
1054304	PED	7	631185	6978936	7/1/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Coarse	Rocky Terrain
1054305	PED	7	631232	6978950	7/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	No Tree Cover	Sphagnum Moss > 30cm	Excellent	Coarse	Rocky Terrain
1054306	PED	7	631283	6978950	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Coarse	Rocky Terrain
1054307	PED	7	631332	6978961	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	No Tree Cover	Grass Cover	Good	Coarse	Rocky Terrain
1054308	PED	7	631382	6978968	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Coarse	Mud
1054309	PED	7	631431	6978979	7/1/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	No Tree Cover	Rock Cover	Good	Coarse	Rocky Terrain
1054310	PED	7	631480	6978994	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	No Tree Cover	Grass Cover	Excellent	Coarse	Rocky Terrain
1054311	PED	7	631480	6978994	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	No Tree Cover	Grass Cover	Excellent	Coarse	Rocky Terrain
1054312	PED	7	631529	6979004	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Grass Cover	Good	Coarse	Rocky Terrain
1054313	PED	7	631578	6979016	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Dwarf Birch	Grass Cover	Good	Coarse	Rocky Terrain
1054314	PED	7	631626	6979029	7/1/2011	Chocolate Brown	Clay	Dry	Subtle Slope	40	B	Dwarf Birch	Grass Cover	Good	Coarse	Rocky Terrain
1054315	PED	7	631676	6979039	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1054316	PED	7	631724	6979052	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1054317	PED	7	631724	6979052	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1054318	PED	7	631773	6979066	7/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	Dwarf Birch	Grass Cover	Good	Coarse	Rocky Terrain
1054319	PED	7	631824	6979075	7/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	B	Dwarf Birch	Grass Cover	Good	Coarse	Clay
1054320	PED	7	631871	6979090	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1054321	PED	7	631920	6979102	7/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1054322	PED	7	631969	6979115	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1054323	PED	7	632017	6979132	7/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1054324	PED	7	632063	6979150	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Grass Cover	Excellent	Coarse	Rocky Terrain
1054325	PED	7	632112	6979161	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1054326	PED	7	632161	6979172	7/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Talus
1054327	PED	7	632209	6979185	7/1/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Dwarf Birch	Bare Soil	Good	Coarse	Rocky Terrain
1054328	PED	7	632256	6979203	7/1/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Dwarf Birch	Bare Soil	Good	Coarse	Rocky Terrain
1054329	PED	7	632303	6979217	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1054330	PED	7	632352	6979227	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1054331	PED	7	632401	6979218	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1054332	PED	7	632450	6979213	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1054333	PED	7	632500	6979210	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Quartz Chips
1054334	PED	7	632549	6979201	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Grass Cover	Excellent	Coarse	Quartz Chips
1054351	PED	7	630787	6980003	7/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	No Tree Cover	Burnt Moss	Good	Wet Soil	Rocky Terrain
1054352	PED	7	630889	6980115	7/1/2011	Chocolate Brown	Sand	Dry	Flat	5	B	No Tree Cover	Thin Moss Cover	Poor	Rocky Terrain	Top Layer
1054353	PED	7	630923	6980152	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	10	B	No Tree Cover	Thin Moss Cover	Poor	Rocky Terrain	Top Layer
1054354	PED	7	630994	6980223	7/1/2011	Chocolate Brown	Sand	Damp	Flat	10	B	No Tree Cover	Thin Moss Cover	Poor	Rocky Terrain	Organic 10%
1054355	PED	7	631026	6980261	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Burnt Moss	Poor	Rocky Terrain	Rocky Sample
1054356	PED	7	631061	6980298	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	20	B	No Tree Cover	Burnt Moss	Poor	Rocky Terrain	Organic 10%
1054357	PED	7	631096	6980334	7/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Burnt Moss	Good	Rocky Terrain	Wet Soil
1054358	PED	7	631139	6980359	7/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	No Tree Cover	Burnt Moss	Good	Mud	Rocky Terrain
1054359	PED	7	631184	6980381	7/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	No Tree Cover	Burnt Moss	Good	Wet Soil	Rocky Terrain
1054360	PED	7	631227	6980405	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky Terrain	Fine
1054361	PED	7	631273	6980426	7/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	Old Burn	Grass Cover	Good	Rocky Terrain	Wet Soil
1054362	PED	7	631317	6980448	7/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	Dwarf Birch	Burnt Moss	Poor	Small Sample	Organic 25%
1054363	PED	7	630852	6980079	7/1/2011	Dark Brown	Sand	Dry	Subtle Slope	5	A	No Tree Cover	Thin Moss Cover	Poor	Organic 25%	Top Layer
1054364	PED	7	630835	6980061	7/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	No Tree Cover	Frost Boil	Good	Wet Soil	Rocky Terrain
1054365	PED	7	631364	6980465	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1054366	PED	7	631409	6980489	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Organic 10%	Rocky Terrain
1054367	PED	7	631458	6980499	7/1/2011	Chocolate Brown	Sand	Damp	Flat	30	B	Old Burn	Burnt Moss	Good	Rocky Terrain	Rocky Sample
1054368	PED	7	631508	6980504	7/1/2011	Chocolate Brown	Sand	Damp	Flat	40	B	Old Burn	Burnt Moss	Good	Coarse	Rocky Terrain
1054369	PED	7	628199	6980765	7/2/2011	Chocolate Brown	Sand	Wet	Flat	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Mud	Rocky Terrain
1054370	PED	7	628211	6980813	7/2/2011	Chocolate Brown	Sand	Wet	Flat	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Partially Frozen	Rocky Terrain
1054371	PED	7	628224	6980862	7/2/2011	Chocolate Brown	Sand	Wet	Flat	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 10%	Rocky Terrain
1054372	PED	7	628238	6980911	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	No Tree Cover	Rock Cover	Excellent	Rocky Terrain	Fine
1054373	PED	7	628248	6980961	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	B	No Tree Cover	Thin Moss Cover	Good	Fine	Rocky Terrain
1054374	PED	7	628261	6981009	7/2/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Rocky Terrain	Fine
1054387	PED	7	619214	6978271	7/1/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	
1054388	PED	7	619162	6978275	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	
1054389	PED	7	619111	6978277	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Needle Cover	Good	Coarse	
1054390	PED	7	619060	6978275	7/1/2011	Light Brown	Sand	Damp	Subtle Slope	90	C	Old Burn	Burnt Moss	Excellent	Fine	
1054391	PED	7	619060	6978275	7/1/2011	Light Brown	Sand	Damp	Subtle Slope	90	C	Old Burn	Burnt Moss	Excellent	Fine	
1054392	PED	7	619009	6978281	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	80	C	Old Burn	Needle Cover	Excellent	Coarse	
1054393	PED	7	618960	6978280	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	90	C	Old Burn	Burnt Moss	Excellent	Quartz Chips	
1054394	PED	7	618908	6978283	7/1/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	
1054395	PED	7	618858	6978288	7/1/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1054396	PED	7	618807	6978292	7/1/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Poor	Rocky	Rocky Terrain
1054397	PED	7	618758	6978300	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1054398	PED	7	618709	6978296	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1054399	PED	7	618659	6978291	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1054400	PED	7	618608	6978287	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Coarse	Quartz Chips
1054451	PED	7	617306	6979485	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054452	PED	7	617264	6979513	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Dull Red Rust	Quartz Chips
1054453	PED	7	617227	6979548	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Old Burn	Burnt Moss	Poor	Rocky	Quartz Chips
1054454	PED	7	617186	6979578	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Dull Red Rust	Quartz Chips
1054455	PED	7	617136	6979575	7/1/2011	Light Brown	Sand	Dry	Pronounced Slope	80	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054456	PED	7	617086	6979568	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054457	PED	7	617036	6979567	7/1/2011	Dark Blue Black	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054458	PED	7	616988	6979563	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054459	PED	7	616935	6979559	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054460	PED	7	616884	6979556	7/1/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054461	PED	7	616834	6979553	7/1/2011	Light Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054462	PED	7	616784	6979550	7/1/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054463	PED	7	616734	6979555	7/1/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Dull Red Rust	Quartz Chips
1054464	PED	7	616684	6979560	7/1/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Quartz Chips	Dull Red Rust
1054465	PED	7	616634	6979563	7/1/2011	Reddish Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054466	PED	7	616583	6979566	7/1/2011	Light Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054467	PED	7	616533	6979565	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054468	PED	7	616533	6979567	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054469	PED	7	616483	6979566	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1054472	PED	7	605125	6986199	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky	Sandy
1054473	PED	7	605104	6986154	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky	
1054474	PED	7	605090	6986106	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Good	Fine	
1054475	PED	7	605075	6986057	7/2/2011	Greyish Green	Silt	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Poor	Sandy	
1054479	PED	7	619153	6983073	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1054480	PED	7	619106	6983089	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Sandy	Coarse
1054481	PED	7	619057	6983103	7/1/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	Coarse
1054482	PED	7	619010	6983122	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	Coarse
1054483	PED	7	618960	6983127	7/1/2011	Reddish Brown	Sand	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse
1054484	PED	7	618914	6983145	7/1/2011	Chocolate Brown	Clay	Damp	Flat	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	Coarse
1054485	PED	7	618869	6983168	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	
1054486	PED	7	605429	6986946	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Poor	Clay	Rocky Terrain
1054487	PED	7	605463	6986983	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Rocky Terrain
1054488	PED	7	605488	6987026	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Dwarf Birch	Thin Moss Cover	Poor	Fine	Rocky Terrain
1054489	PED	7	605516	6987068	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Fine	
1054490	PED	7	605539	6987112	7/2/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Wet Soil	Partially Frozen
1054491	PED	7	605564	6987156	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Dull Red Rust	Partially Frozen
1054492	PED	7	605585	6987201	7/2/2011	Dark Brown	Sand	Wet	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1054493	PED	7	620167	6982814	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Fine
1054494	PED	7	620120	6982833	7/1/2011	Light Brown	Sand	Damp	Subtle Slope	110	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky Terrain
1054495	PED	7	620119	6982831	7/1/2011	Light Brown	Sand	Damp	Subtle Slope	110	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky Terrain
1054496	PED	7	620069	6982839	7/1/2011	Reddish Brown	Silt	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky Sample
1054497	PED	7	620019	6982837	7/1/2011	Chocolate Brown	Clay	Wet	Flat	70	C	Dwarf Birch	Thin Moss Cover	Good	Sandy	Rocky
1054498	PED	7	619969	6982837	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky Terrain
1054499	PED	7	619922	6982821	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Fine	Sandy
1054500	PED	7	619872	6982816	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1055251	PED	7	606795	6985762	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1055252	PED	7	606845	6985762	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Talus
1055253	PED	7	606895	6985762	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055254	PED	7	606945	6985765	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055255	PED	7	606996	6985766	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1055256	PED	7	607048	6985771	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055257	PED	7	607097	6985767	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055258	PED	7	607146	6985761	7/3/2011	Reddish Brown	Gravel	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055259	PED	7	607192	6985740	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055260	PED	7	607238	6985721	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055261	PED	7	607283	6985700	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055262	PED	7	607328	6985678	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Talus
1055263	PED	7	607374	6985659	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055264	PED	7	607419	6985636	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055265	PED	7	607464	6985613	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055266	PED	7	607509	6985590	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1055267	PED	7	607553	6985567	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	
1055268	PED	7	607599	6985545	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055269	PED	7	607640	6985518	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055270	PED	7	607687	6985502	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055271	PED	7	607731	6985479	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055272	PED	7	607776	6985456	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	70	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055273	PED	7	607821	6985436	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Talus
1055274	PED	7	607866	6985413	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055275	PED	7	607911	6985392	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1055276	PED	7	607956	6985371	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1055277	PED	7	608001	6985350	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Sandy
1055278	PED	7	608045	6985327	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1055279	PED	7	608092	6985306	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Poplar	Thin Moss Cover	Excellent	Coarse	Sandy
1055280	PED	7	608139	6985291	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	Poplar	Thin Moss Cover	Good	Coarse	Rocky Terrain
1055281	PED	7	608187	6985278	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Talus
1055282	PED	7	608234	6985266	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	70	B	Poplar	Thin Moss Cover	Good	Coarse	
1055283	PED	7	608250	6985261	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	40	B	Poplar	Thin Moss Cover	Good	Coarse	Talus
1055301	PED	7	615337	6977490	7/3/2011	Grey	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1055302	PED	7	615298	6977521	7/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky
1055303	PED	7	615211	6977573	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1055304	PED	7	615169	6977600	7/3/2011	Dark Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Organic 10%
1055305	PED	7	615130	6977633	7/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Organic 10%
1055306	PED	7	615088	6977659	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1055307	PED	7	615092	6977663	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1055308	PED	7	615048	6977687	7/3/2011	Dark Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1055309	PED	7	615004	6977714	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1055310	PED	7	614965	6977744	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1055311	PED	7	614923	6977773	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1055317	PED	7	616158	6976915	7/3/2011	Grey	Clay	Wet	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Sandy	Rocky
1055318	PED	7	616113	6976948	7/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Organic 10%
1055319	PED	7	616071	6976975	7/3/2011	Grey	Clay	Damp	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Sandy	Rocky
1055320	PED	7	616029	6977004	7/3/2011	Grey	Sand	Damp	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	Sandy
1055321	PED	7	615987	6977030	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Fine
1055322	PED	7	615947	6977060	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky
1055323	PED	7	615905	6977088	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky
1055324	PED	7	615865	6977116	7/3/2011	Dark Grey Black	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1055325	PED	7	615821	6977145	7/3/2011	Grey	Gravel	Wet	Pronounced Slope	60	C	White Spruce	Thin Moss Cover	Good	Sandy	Organic 10%
1055326	PED	7	615782	6977174	7/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Mud
1055327	PED	7	615742	6977203	7/3/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Organic 10%
1055328	PED	7	615700	6977232	7/3/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Mud
1055329	PED	7	615660	6977261	7/3/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Sandy
1055330	PED	7	615619	6977289	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Fine	Quartz Chips
1055331	PED	7	615577	6977318	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	C	Poplar	Leaf Cover	Excellent	Coarse	
1055332	PED	7	615535	6977346	7/3/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky	Organic 50%
1055333	PED	7	615495	6977374	7/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Rocky
1055334	PED	7	615454	6977406	7/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Fine	Rocky
1055335	PED	7	615410	6977430	7/3/2011	Dark Brown	Clay	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Sandy
1055336	PED	7	615371	6977460	7/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Rocky
1055351	PED	7	615126	6985466	7/3/2011	Chocolate Brown	Silt	Dry	Flat	110	C	Old Burn	Burnt Moss	Excellent	Coarse	
1055352	PED	7	615077	6985483	7/3/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky Terrain
1055353	PED	7	615035	6985510	7/3/2011	Chocolate Brown	Silt	Dry	Flat	60	B	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1055354	PED	7	614994	6985542	7/3/2011	Yellow	Gravel	Dry	Flat	80	C	Old Burn	Burnt Moss	Excellent	Coarse	
1055355	PED	7	614949	6985557	7/3/2011	Light Brown	Gravel	Damp	Flat	100	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1055356	PED	7	614896	6985551	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Old Burn	Burnt Moss	Excellent	Sandy	Coarse
1055357	PED	7	614896	6985551	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	100	C	Old Burn	Burnt Moss	Excellent	Sandy	Coarse
1055358	PED	7	614849	6985562	7/3/2011	Chocolate Brown	Gravel	Dry	Flat	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky Terrain
1055359	PED	7	614800	6985579	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky Terrain
1055451	PED	7	618663	6976977	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Poor	Rocky	Sandy
1055452	PED	7	618710	6976992	7/3/2011	Grey	Sand	Damp	Pronounced Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	
1055453	PED	7	618757	6977010	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Old Burn	Burnt Moss	Good	Rocky	
1055454	PED	7	618803	6977030	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	
1055455	PED	7	618850	6977046	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	
1055456	PED	7	618893	6977071	7/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Old Burn	Grass Cover	Good	Fine	
1055457	PED	7	618933	6977102	7/3/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	70	C	Old Burn	Grass Cover	Good	Partially Frozen	
1055458	PED	7	618974	6977130	7/3/2011	Grey	Sand	Wet	Pronounced Slope	50	C	Old Burn	Grass Cover	Good	Partially Frozen	
1055459	PED	7	619015	6977159	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Grass Cover	Good	Rocky Terrain	
1055460	PED	7	619057	6977187	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Rocky Terrain
1055461	PED	7	619098	6977215	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1055462	PED	7	619141	6977242	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky
1055463	PED	7	619177	6977276	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Burnt Moss	Good	Rocky	
1055464	PED	7	619214	6977311	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1055465	PED	7	619252	6977345	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Birch Forest	Burnt Moss	Good	Rocky	
1055466	PED	7	619286	6977381	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Birch Forest	Burnt Moss	Good	Rocky	
1055467	PED	7	619318	6977421	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Old Burn	Grass Cover	Good	Rocky	
1055468	PED	7	619353	6977457	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Old Burn	Grass Cover	Good	Rocky	
1055469	PED	7	619351	6977459	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Old Burn	Grass Cover	Good	Rocky	
1055470	PED	7	619394	6977484	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Old Burn	Grass Cover	Good	Rocky	
1055471	PED	7	619440	6977507	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Old Burn	Grass Cover	Good	Rocky	
1055472	PED	7	619489	6977522	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Quartz Chips	
1055473	PED	7	619538	6977529	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Birch Forest	Grass Cover	Good	Quartz Chips	
1055474	PED	7	619590	6977527	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Dwarf Birch	Leaf Cover	Good	Rocky	
1055475	PED	7	619635	6977507	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Grass Cover	Good	Rocky	
1055476	PED	7	619675	6977478	7/3/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Old Burn	Burnt Moss	Good	Fine	
1055477	PED	7	619721	6977456	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Old Burn	Burnt Moss	Good	Partially Frozen	Quartz Chips
1055478	PED	7	619762	6977428	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Old Burn	Needle Cover	Good	Rocky	
1055479	PED	7	619797	6977392	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Leaf Cover	Good	Partially Frozen	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1055480	PED	7	619839	6977365	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1055481	PED	7	619871	6977329	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1055482	PED	7	619907	6977295	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Good	Frozen	
1055483	PED	7	619948	6977266	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Birch Forest	Sphagnum Moss < 30cm	Good	Rocky	
1055484	PED	7	619987	6977234	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss > 30cm	Good	Partially Frozen	
1055501	PED	7	611884	6979867	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	Organic 10%
1055502	PED	7	611934	6979868	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1055503	PED	7	611985	6979872	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Bare Soil	Good	Coarse	Outcrop Nearby
1055504	PED	7	612033	6979876	6/28/2011	Dark Brown	Sand	Damp	Pronounced Slope	40	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Outcrop Nearby
1055505	PED	7	612084	6979881	6/28/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky Terrain
1055506	PED	7	612132	6979872	6/28/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky Sample
1055507	PED	7	612180	6979858	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1055508	PED	7	612223	6979835	6/28/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky Sample	Organic 10%
1055509	PED	7	612259	6979800	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Thin Moss Cover	Excellent	Fine	Rocky Terrain
1055510	PED	7	612301	6979771	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1055511	PED	7	612338	6979739	6/28/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Sandy	Organic 10%
1055512	PED	7	612370	6979701	6/28/2011	Dark Brown	Clay	Wet	Pronounced Slope	30	B	Poplar	Leaf Cover	Poor	Organic 25%	Rocky
1055513	PED	7	612397	6979658	6/28/2011	Dark Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055514	PED	7	612437	6979627	6/28/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Sandy
1055515	PED	7	612461	6979584	6/28/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1055516	PED	7	612502	6979555	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Coarse
1055517	PED	7	612546	6979530	6/28/2011	Dark Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1055518	PED	7	612593	6979510	6/28/2011	Grey	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1055519	PED	7	612638	6979490	6/28/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample	Organic 10%
1055520	PED	7	612686	6979476	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1055521	PED	7	612735	6979468	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1055522	PED	7	612780	6979446	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1055523	PED	7	612829	6979435	6/28/2011	Grey	Sand	Damp	Pronounced Slope	50	C	White Spruce	Leaf Cover	Good	Coarse	
1055524	PED	7	612876	6979416	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1055525	PED	7	612918	6979390	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Fine	
1055526	PED	7	612917	6979383	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Excellent	Fine	
1055527	PED	7	612960	6979366	6/28/2011	Grey	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Fine	
1055528	PED	7	613004	6979340	6/28/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Rocky Sample	Sandy
1055529	PED	7	613045	6979311	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Coarse	
1055531	PED	7	613085	6979279	6/28/2011	Grey	Silt	Dry	Pronounced Slope	60	B	White Spruce	Leaf Cover	Poor	Fine	Loess
1055532	PED	7	613128	6979253	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Coarse	
1055551	PED	7	609984	6981153	6/28/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Mud	
1055552	PED	7	610011	6981197	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse
1055553	PED	7	610040	6981239	6/28/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1055554	PED	7	610055	6981289	6/28/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Excellent	Outcrop Nearby	Sandy
1055555	PED	7	610087	6981329	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1055556	PED	7	610119	6981369	6/28/2011	Reddish Orange	Sand	Damp	Flat	30	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1055557	PED	7	610144	6981412	6/28/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1055558	PED	7	610178	6981451	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Rocky Sample
1055559	PED	7	610221	6981479	6/28/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Outcrop Nearby
1055560	PED	7	610221	6981479	6/28/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Outcrop Nearby
1055561	PED	7	610251	6981520	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1055562	PED	7	610289	6981554	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1055563	PED	7	610329	6981585	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1055564	PED	7	610368	6981617	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1055565	PED	7	610413	6981642	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1055566	PED	7	610413	6981642	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1055567	PED	7	610460	6981670	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1055568	PED	7	610496	6981706	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Sample
1055569	PED	7	610539	6981735	6/28/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Dull Red Rust	Coarse
1055570	PED	7	610539	6981735	6/28/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Dull Red Rust
1055571	PED	7	610589	6981741	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Birch Forest	Thin Moss Cover	Good	Coarse	
1055572	PED	7	610631	6981768	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Rocky Sample
1055573	PED	7	610672	6981796	6/28/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	
1055574	PED	7	610715	6981823	6/28/2011	Reddish Orange	Sand	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Dull Red Rust
1055575	PED	7	610759	6981847	6/28/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Small Sample
1055576	PED	7	610804	6981870	6/28/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1055577	PED	7	610847	6981897	6/28/2011	Dark Brown	Clay	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Clay	Rocky
1055578	PED	7	610896	6981916	6/28/2011	Dark Brown	Clay	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Sandy
1055579	PED	7	610932	6981952	6/28/2011	Dark Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1055580	PED	7	610984	6981968	6/28/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1055582	PED	7	609962	6981107	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1055583	PED	7	609966	6982639	6/28/2011	Chocolate Brown	Sand	Wet	Subtle Slope	90	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Wet Soil
1055584	PED	7	610015	6982643	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	
1055585	PED	7	610066	6982647	6/28/2011	Grey	Clay	Wet	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Wet Soil	Rocky Terrain
1055586	PED	7	610116	6982656	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1055587	PED	7	610166	6982663	6/28/2011	Dark Brown	Sand	Damp	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1055588	PED	7	610166	6982663	6/28/2011	Dark Brown	Sand	Damp	Subtle Slope	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1055589	PED	7	610212	6982675	6/28/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse
1055590	PED	7	610262	6982685	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	70	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse
1055591	PED	7	610311	6982695	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Thin Moss Cover	Good	Coarse	Rocky Terrain

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1055592	PED	7	610364	6982703	6/28/2011	Dark Brown	Sand	Wet	Subtle Slope	60	C	Birch Forest	Thin Moss Cover	Good	Coarse	Rocky Terrain
1055593	PED	7	610412	6982716	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	50	C	Birch Forest	Leaf Cover	Good	Coarse	Rocky Terrain
1055594	PED	7	610462	6982727	6/28/2011	Reddish Yellow	Clay	Wet	Subtle Slope	50	C	Birch Forest	Thin Moss Cover	Good	Coarse	Rocky Terrain
1055595	PED	7	610558	6982748	6/28/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Birch Forest	Thin Moss Cover	Good	Rocky	Rocky Terrain
1055596	PED	7	610608	6982754	6/28/2011	Dark Brown	Clay	Damp	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1055597	PED	7	610655	6982768	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	Birch Forest	Thin Moss Cover	Good	Coarse	Rocky Terrain
1055598	PED	7	610704	6982782	6/28/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Dull Red Rust	Rocky Terrain
1055599	PED	7	610753	6982791	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky Terrain
1055600	PED	7	610803	6982798	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky Terrain
1055601	PED	7	610161	6983352	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	Coarse
1055602	PED	7	610202	6983381	6/28/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Wet Soil
1055603	PED	7	610246	6983404	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss > 30cm	Good	Rocky	Clay
1055604	PED	7	610293	6983423	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Rocky
1055605	PED	7	610335	6983450	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	Rocky
1055606	PED	7	610386	6983465	6/28/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	30	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Sandy
1055607	PED	7	610428	6983491	6/28/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Wet Soil	Rocky
1055608	PED	7	610471	6983517	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	Partially Frozen
1055609	PED	7	610517	6983536	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	
1055611	PED	7	610565	6983551	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	
1055612	PED	7	610604	6983583	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud
1055613	PED	7	619525	6982822	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	100	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Clay
1055614	PED	7	619493	6982860	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1055615	PED	7	619458	6982898	7/1/2011	Reddish Orange	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Rusty Rock Chip	Coarse
1055616	PED	7	619424	6982935	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1055617	PED	7	619382	6982963	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	Sandy
1055618	PED	7	609609	6982610	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1055619	PED	7	609629	6982655	6/28/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse
1055620	PED	7	609651	6982701	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	O	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1055621	PED	7	609675	6982745	6/28/2011	Dark Brown	Sand	Wet	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss > 30cm	Good	Frozen	Rusty Rock Chip
1055622	PED	7	609702	6982788	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss > 30cm	Good	Frozen	Rusty Rock Chip
1055623	PED	7	609725	6982833	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Coarse
1055624	PED	7	609747	6982878	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1055625	PED	7	609770	6982923	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rusty Rock Chip
1055626	PED	7	609792	6982969	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Clay
1055627	PED	7	609812	6983015	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky
1055628	PED	7	609829	6983062	6/28/2011	Dark Brown	Silt	Wet	Pronounced Slope	30	B	Black Spruce	Sphagnum Moss > 30cm	Poor	Frozen	Fine
1055629	PED	7	609847	6983110	6/28/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Sandy
1055630	PED	7	609886	6983141	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1055631	PED	7	609922	6983178	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1055632	PED	7	609958	6983212	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1055633	PED	7	609999	6983242	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Clay
1055634	PED	7	610029	6983283	6/28/2011	Chocolate Brown	Gravel	Wet	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Wet Soil	Rocky
1055635	PED	7	610073	6983306	6/28/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1055636	PED	7	610113	6983335	6/28/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1055651	PED	7	623136	6972463	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Bright Orange Rust
1055652	PED	7	623157	6972418	6/28/2011	Chocolate Brown	Silt	Dry	Flat	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1055653	PED	7	623180	6972372	6/28/2011	Light Brown	Sand	Dry	Flat	110	C	Poplar	Leaf Cover	Excellent	Sandy	Fine
1055654	PED	7	623201	6972328	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Fine	Sandy
1055655	PED	7	623224	6972285	6/28/2011	Reddish Yellow	Silt	Dry	Flat	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1055656	PED	7	623251	6972242	6/28/2011	Chocolate Brown	Sand	Wet	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1055657	PED	7	623276	6972198	6/28/2011	Chocolate Brown	Gravel	Dry	Flat	40	C	Poplar	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1055658	PED	7	623298	6972153	6/28/2011	Chocolate Brown	Silt	Dry	Flat	50	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1055659	PED	7	623319	6972107	6/28/2011	Chocolate Brown	Sand	Dry	Flat	40	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1055660	PED	7	623334	6972060	6/28/2011	Reddish Brown	Silt	Dry	Flat	60	C	Poplar	Leaf Cover	Excellent	Coarse	Rocky
1055661	PED	7	623350	6972013	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1055662	PED	7	623367	6971965	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	Birch Forest	Leaf Cover	Excellent	Sandy	
1055663	PED	7	623379	6971915	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Sandy	Fine
1055664	PED	7	623380	6971864	6/28/2011	Light Bluish Grey	Silt	Dry	Pronounced Slope	90	C	Poplar	Thin Moss Cover	Excellent	Coarse	Outcrop Nearby
1055665	PED	7	623379	6971814	6/28/2011	Greyish Green	Silt	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1055666	PED	7	623377	6971764	6/28/2011	Bluish Grey	Silt	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Rocky Sample	
1055667	PED	7	623367	6971715	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Fine	Rocky Sample
1055668	PED	7	623383	6971666	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Leaf Cover	Excellent	Fine	Bright Orange Rust
1055669	PED	7	623396	6971618	6/28/2011	Dark Brown	Silt	Dry	Subtle Slope	90	C	Poplar	Leaf Cover	Excellent	Coarse	
1055670	PED	7	623401	6971568	6/28/2011	Reddish Yellow	Silt	Dry	Pronounced Slope	40	C	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1055671	PED	7	623399	6971518	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Fine	Outcrop Nearby
1055672	PED	7	623395	6971468	6/28/2011	Dark Brown	Silt	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Bright Orange Rust
1055673	PED	7	623401	6971418	6/28/2011	Chocolate Brown	Sand	Dry	Flat	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Fine	
1055674	PED	7	623409	6971368	6/28/2011	Chocolate Brown	Silt	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	
1055675	PED	7	623409	6971318	6/28/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	Rocky Terrain
1055676	PED	7	623393	6971278	6/28/2011	Chocolate Brown	Silt	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1055677	PED	7	623386	6971220	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Fine	
1055678	PED	7	623369	6971172	6/28/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Leaf Cover	Good	Coarse	Rocky Terrain
1055679	PED	7	623371	6971121	6/28/2011	Bluish Grey	Silt	Dry	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Fine	Bright Orange Rust
1055680	PED	7	623365	6971071	6/28/2011	Grey	Silt	Damp	Flat	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Bright Orange Rust	Fine
1055681	PED	7	628687	6980127	6/30/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	70	B	No Tree Cover	Thin Moss Cover	Good	Coarse	Partially Frozen
1055701	PED	7	629769	6980383	7/2/2011	Dark Brown	Silt	Damp	Subtle Slope	50	B	No Tree Cover	Thin Moss Cover	Good	Coarse	Rocky

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1055702	PED	7	629798	6980424	7/2/2011	Dark Brown	Silt	Wet	Pronounced Slope	60	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1055703	PED	7	629822	6980471	7/2/2011	Dark Brown	Silt	Wet	Subtle Slope	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1055704	PED	7	629850	6980512	7/2/2011	Dark Brown	Silt	Wet	Flat	40	B	No Tree Cover	Thin Moss Cover	Good	Coarse	Wet Soil
1055705	PED	7	629875	6980555	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	40	A	No Tree Cover	Sphagnum Moss < 30cm	Poor	Fine	Rocky Terrain
1055706	PED	7	629904	6980596	7/2/2011	Dark Brown	Silt	Damp	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Fine	Partially Frozen
1055707	PED	7	629934	6980636	7/2/2011	Dark Brown	Silt	Damp	Steep	50	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky	Wet Soil
1055708	PED	7	629967	6980675	7/2/2011	Chocolate Brown	Silt	Wet	Flat	20	B	No Tree Cover	Sphagnum Moss > 30cm	Good	Frozen	Coarse
1055709	PED	7	629993	6980718	7/2/2011	Chocolate Brown	Silt	Damp	Flat	70	B	No Tree Cover	Frost Boil	Good	Coarse	
1055710	PED	7	629993	6980718	7/2/2011	Chocolate Brown	Silt	Damp	Flat	70	B	No Tree Cover	Frost Boil	Good	Coarse	
1055711	PED	7	630022	6980761	7/2/2011	Dark Brown	Silt	Damp	Flat	50	B	No Tree Cover	Frost Boil	Good	Coarse	Clay
1055712	PED	7	630048	6980804	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	B	No Tree Cover	Thin Moss Cover	Good	Coarse	
1055713	PED	7	630070	6980851	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Good	Fine	Rocky Terrain
1055714	PED	7	630112	6980879	7/2/2011	Dark Brown	Silt	Dry	Subtle Slope	40	B	No Tree Cover	Thin Moss Cover	Poor	Fine	Rocky
1055715	PED	7	630158	6980902	7/2/2011	Reddish Brown	Sand	Dry	Flat	60	C	No Tree Cover	Rock Cover	Excellent	Coarse	Rocky
1055716	PED	7	630189	6980942	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	No Tree Cover	Thin Moss Cover	Excellent	Coarse	Rocky
1055717	PED	7	630226	6980978	7/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	No Tree Cover	Rock Cover	Excellent	Rocky Terrain	Dull Red Rust
1055718	PED	7	630262	6981011	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	No Tree Cover	Rock Cover	Excellent	Outcrop Nearby	Rocky Terrain
1055719	PED	7	630310	6981026	7/2/2011	Chocolate Brown	Sand	Damp	Flat	70	B	No Tree Cover	Burnt Moss	Good	Coarse	
1055720	PED	7	630361	6981040	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	No Tree Cover	Burnt Moss	Good	Rocky Terrain	Outcrop Nearby
1055721	PED	7	630403	6981069	7/2/2011	Dark Brown	Silt	Dry	Subtle Slope	60	B	No Tree Cover	Rock Cover	Good	Rocky	Coarse
1055722	PED	7	630442	6981101	7/2/2011	Dark Brown	Silt	Wet	Pronounced Slope	60	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Terrain	Wet Soil
1055724	PED	7	630507	6981178	7/2/2011	Grey	Clay	Damp	Subtle Slope	40	B	Old Burn	Bare Soil	Good	Fine	Rocky Terrain
1055725	PED	7	630538	6981219	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Burnt Moss	Good	Fine	Rocky
1055726	PED	7	630566	6981263	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	70	B	Old Burn	Burnt Moss	Poor	Fine	Rocky Terrain
1055727	PED	7	630603	6981296	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Old Burn	Thin Moss Cover	Good	Rocky	Coarse
1055728	PED	7	615470	6985184	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Old Burn	Needle Cover	Excellent	Coarse	Rocky Sample
1055729	PED	7	615428	6985213	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Old Burn	Burnt Moss	Good	Coarse	
1055730	PED	7	615428	6985213	7/3/2011	Chocolate Brown	Silt	Dry	Subtle Slope	110	C	Old Burn	Burnt Moss	Excellent	Coarse	
1055751	PED	7	611297	6982882	6/28/2011	Grey	Gravel	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Wet Soil
1055752	PED	7	611347	6982886	6/28/2011	Grey	Gravel	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Clay	Wet Soil
1055753	PED	7	611395	6982901	6/28/2011	Grey	Gravel	Wet	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Clay	Wet Soil
1055754	PED	7	611444	6982908	6/28/2011	Dark Brown	Clay	Wet	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Organic 10%
1055755	PED	7	611490	6982928	6/28/2011	Dark Brown	Clay	Wet	Pronounced Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Mud
1055756	PED	7	611539	6982939	6/28/2011	Grey	Clay	Wet	Subtle Slope	40	B	Black Spruce	Bare Soil	Poor	Rocky Terrain	Wet Soil
1055761	PED	7	615665	6980314	6/30/2011	Dark Brown	Clay	Wet	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Mud
1055762	PED	7	615614	6980322	6/30/2011	Reddish Brown	Sand	Damp	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1055763	PED	7	611046	6981991	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Sandy
1055764	PED	7	611084	6982023	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1055765	PED	7	611123	6982055	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud
1055766	PED	7	611159	6982089	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Birch Forest	Sphagnum Moss < 30cm	Poor	Coarse	Rocky Terrain
1055767	PED	7	611197	6982123	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Clay
1055768	PED	7	611537	6982423	7/3/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Small Sample
1055769	PED	7	611577	6982452	7/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Fine
1055770	PED	7	611616	6982485	7/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	60	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud
1055771	PED	7	611657	6982514	7/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud
1055772	PED	7	611695	6982546	7/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud
1055773	PED	7	611735	6982576	7/3/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky
1055774	PED	7	611775	6982607	7/3/2011	Chocolate Brown	Clay	Wet	Subtle Slope	70	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Small Sample
1055776	PED	7	611855	6982667	7/3/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Willows	Sphagnum Moss < 30cm	Good	Coarse	Mud
1055777	PED	7	611896	6982697	7/3/2011	Dark Brown	Clay	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Mud
1055778	PED	7	611937	6982728	7/3/2011	Dark Grey Black	Clay	Wet	Subtle Slope	30	A	Black Spruce	Sphagnum Moss < 30cm	Poor	Mud	Top Layer
1055779	PED	7	611978	6982756	7/3/2011	Dark Grey Black	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Clay
1055780	PED	7	612017	6982786	7/3/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Clay
1055781	PED	7	612059	6982817	7/3/2011	Dark Grey Black	Clay	Damp	Subtle Slope	30	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Frozen	Clay
1055801	PED	7	617228	6980854	6/30/2011	Dark Brown	Sand	Damp	Flat	70	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1055802	PED	7	617228	6980854	6/30/2011	Dark Brown	Sand	Damp	Flat	70	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1055803	PED	7	617168	6980855	6/30/2011	Reddish Brown	Sand	Damp	Flat	60	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1055804	PED	7	617116	6980845	6/30/2011	Reddish Brown	Sand	Damp	Flat	40	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1055805	PED	7	617065	6980845	6/30/2011	Reddish Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1055806	PED	7	617015	6980856	6/30/2011	Chocolate Brown	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1055807	PED	7	616966	6980869	6/30/2011	Reddish Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1055808	PED	7	616924	6980897	6/30/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1055809	PED	7	616880	6980923	6/30/2011	Reddish Yellow	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1055810	PED	7	616833	6980945	6/30/2011	Bluish Grey	Clay	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	
1055811	PED	7	616791	6980916	6/30/2011	Reddish Brown	Sand	Damp	Flat	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Sandy	
1055812	PED	7	616740	6980915	6/30/2011	Reddish Brown	Sand	Damp	Flat	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Sandy
1055813	PED	7	616690	6980908	6/30/2011	Reddish Brown	Gravel	Damp	Flat	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1055814	PED	7	616638	6980907	6/30/2011	Dark Grey Black	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1055815	PED	7	616587	6980908	6/30/2011	Dark Grey Black	Gravel	Damp	Flat	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1055816	PED	7	616537	6980906	6/30/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1055817	PED	7	616486	6980919	6/30/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1055818	PED	7	616443	6980889	6/30/2011	Chocolate Brown	Sand	Damp	Flat	90	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1055819	PED	7	616392	6980892	6/30/2011	Chocolate Brown	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Sandy	
1055820	PED	7	616341	6980892	6/30/2011	Chocolate Brown	Sand	Damp	Flat	80	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1055821	PED	7	616290	6980899	6/30/2011	Reddish Orange	Sand	Damp	Flat	80	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1055822	PED	7	616240	6980914	6/30/2011	Light Brown	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1055823	PED	7	616202	6980878	6/30/2011	Light Brown	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Coarse	
1055824	PED	7	616179	6980927	6/30/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Leaf Cover	Good	Rocky	Sandy
1055825	PED	7	616132	6980947	6/30/2011	Dark Brown	Gravel	Damp	Flat	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1055826	PED	7	616082	6980959	6/30/2011	Dark Brown	Clay	Damp	Subtle Slope	20	B	Poplar	Leaf Cover	Good	Small Sample	Rocky
1055827	PED	7	616031	6980960	6/30/2011	Dark Brown	Gravel	Damp	Flat	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky Terrain
1055828	PED	7	615980	6980951	6/30/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	White Spruce	Thin Moss Cover	Good	Rocky	Small Sample
1055829	PED	7	615929	6980947	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Sandy	
1055830	PED	7	615879	6980933	6/30/2011	Dark Brown	Sand	Damp	Subtle Slope	30	C	Poplar	Thin Moss Cover	Good	Coarse	
1055831	PED	7	615831	6980947	6/30/2011	Dark Brown	Gravel	Damp	Flat	30	C	White Spruce	Thin Moss Cover	Good	Coarse	Rocky
1055832	PED	7	615780	6980965	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	
1055833	PED	7	615730	6980980	6/30/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1055834	PED	7	615679	6980977	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Coarse	
1055835	PED	7	615626	6980973	6/30/2011	Reddish Brown	Sand	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Excellent	Sandy	
1055851	PED	7	615564	6980318	6/30/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1055852	PED	7	615515	6980305	6/30/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1055853	PED	7	615466	6980315	6/30/2011	Reddish Yellow	Sand	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1055855	PED	7	615416	6980311	6/30/2011	Light Brown	Gravel	Wet	Pronounced Slope	110	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Clay
1055856	PED	7	615317	6980300	6/30/2011	Reddish Orange	Gravel	Damp	Subtle Slope	90	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Dull Red Rust
1055857	PED	7	615265	6980297	6/30/2011	Reddish Orange	Gravel	Damp	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Quartz Chips	Coarse
1055858	PED	7	615215	6980300	6/30/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Quartz Chips	Coarse
1055859	PED	7	615163	6980306	6/30/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1055860	PED	7	615113	6980305	6/30/2011	Dark Brown	Gravel	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Organic 50%
1055861	PED	7	615062	6980307	6/30/2011	Reddish Yellow	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1055862	PED	7	615012	6980313	6/30/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1055863	PED	7	614962	6980319	6/30/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1055864	PED	7	614913	6980330	6/30/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1055865	PED	7	614864	6980335	6/30/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1055867	PED	7	615367	6980302	6/30/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1055868	PED	7	614814	6980344	6/30/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	70	C	Poplar	Leaf Cover	Good	Clay	Coarse
1055869	PED	7	614765	6980356	6/30/2011	Reddish Yellow	Gravel	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Quartz Chips	Coarse
1055870	PED	7	614716	6980366	6/30/2011	Dark Grey Black	Gravel	Wet	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Wet Soil
1055871	PED	7	614667	6980374	6/30/2011	Reddish Orange	Gravel	Damp	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1055872	PED	7	614618	6980387	6/30/2011	Reddish Yellow	Gravel	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1055873	PED	7	614568	6980398	6/30/2011	Reddish Orange	Gravel	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	
1055874	PED	7	614518	6980404	6/30/2011	Reddish Brown	Gravel	Damp	Pronounced Slope	110	C	White Spruce	Bare Soil	Excellent	Clay	Coarse
1055875	PED	7	614469	6980415	6/30/2011	Reddish Yellow	Gravel	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Coarse	Quartz Chips
1055876	PED	7	614419	6980422	6/30/2011	Light Brown	Gravel	Damp	Pronounced Slope	70	C	Poplar	Leaf Cover	Good	Clay	Quartz Chips
1055877	PED	7	614370	6980429	6/30/2011	Grey	Gravel	Damp	Pronounced Slope	80	C	Poplar	Leaf Cover	Excellent	Clay	Coarse
1055878	PED	7	614319	6980439	6/30/2011	Greyish Green	Gravel	Damp	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Clay	Coarse
1055879	PED	7	614319	6980439	6/30/2011	Greyish Green	Gravel	Damp	Pronounced Slope	80	C	Poplar	Grass Cover	Excellent	Clay	Coarse
1055880	PED	7	616404	6976949	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Old Burn	Grass Cover	Poor	Organic 25%	
1055881	PED	7	616380	6976905	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	Old Burn	Thin Moss Cover	Excellent	Fine	Rocky
1055882	PED	7	616345	6976870	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Grass Cover	Excellent	Coarse	Rocky
1055883	PED	7	616317	6976827	7/3/2011	Chocolate Brown	Clay	Damp	Pronounced Slope	40	C	Dwarf Birch	Grass Cover	Good	Fine	
1055884	PED	7	626644	6978161	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055885	PED	7	626600	6978186	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Clay	Rocky Terrain
1055886	PED	7	626556	6978212	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055887	PED	7	626512	6978235	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055888	PED	7	626468	6978261	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055889	PED	7	626426	6978288	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055890	PED	7	626382	6978313	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055891	PED	7	626336	6978332	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055892	PED	7	626290	6978352	6/30/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055893	PED	7	626241	6978365	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Mud
1055894	PED	7	626195	6978387	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055895	PED	7	626147	6978403	6/30/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055896	PED	7	626098	6978418	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055897	PED	7	626055	6978444	6/30/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Outcrop Nearby
1055898	PED	7	626014	6978472	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055899	PED	7	625970	6978497	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	90	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055900	PED	7	625925	6978519	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	80	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055901	PED	7	618756	6980262	6/30/2011	Dark Brown	Gravel	Damp	Pronounced Slope	40	C	White Spruce	Thin Moss Cover	Good	Organic 10%	Sandy
1055902	PED	7	618732	6980217	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1055903	PED	7	618711	6980172	6/30/2011	Grey	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1055904	PED	7	618676	6980138	6/30/2011	Chocolate Brown	Clay	Damp	Subtle Slope	70	C	White Spruce	Thin Moss Cover	Good	Sandy	
1055905	PED	7	618638	6980106	6/30/2011	Grey	Sand	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Good	Clay	Fine
1055906	PED	7	618639	6980104	6/30/2011	Grey	Sand	Damp	Pronounced Slope	70	C	White Spruce	Thin Moss Cover	Good	Clay	Fine
1055907	PED	7	618601	6980071	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1055908	PED	7	618554	6980053	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1055909	PED	7	618509	6980029	6/30/2011	Chocolate Brown	Clay	Wet	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Sandy
1055910	PED	7	618462	6980012	6/30/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Excellent	Coarse	
1055911	PED	7	618411	6980002	6/30/2011	Yellow	Sand	Dry	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Excellent	Fine	
1055912	PED	7	618363	6979985	6/30/2011	Grey	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1055913	PED	7	618313	6979977	6/30/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Partially Frozen	Mud
1055914	PED	7	618262	6979975	6/30/2011	Bluish Grey	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1055915	PED	7	618212	6979972	6/30/2011	Bluish Grey	Sand	Damp	Pronounced Slope	90	C	White Spruce	Thin Moss Cover	Excellent	Sandy	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1055916	PED	7	618163	6979983	6/30/2011	Grey	Clay	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Organic 10%
1055917	PED	7	618121	6980012	6/30/2011	Dark Brown	Sand	Wet	Subtle Slope	40	B	Black Spruce	Sphagnum Moss < 30cm	Poor	Partially Frozen	Possible Creek Contamination
1055918	PED	7	618079	6980043	6/30/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	80	C	White Spruce	Thin Moss Cover	Good	Coarse	Sandy
1055919	PED	7	618041	6980074	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	
1055920	PED	7	617999	6980104	6/30/2011	Bluish Grey	Sand	Damp	Pronounced Slope	110	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1055921	PED	7	617962	6980137	6/30/2011	Dark Brown	Gravel	Wet	Pronounced Slope	60	C	Black Spruce	Thin Moss Cover	Good	Coarse	Sandy
1055922	PED	7	617920	6980166	6/30/2011	Grey	Sand	Wet	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Mud	Coarse
1055923	PED	7	617876	6980189	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	90	C	Poplar	Leaf Cover	Excellent	Fine	
1055924	PED	7	617833	6980218	6/30/2011	Bluish Grey	Sand	Damp	Pronounced Slope	100	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	
1055925	PED	7	617786	6980238	6/30/2011	Grey	Sand	Damp	Pronounced Slope	100	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1055926	PED	7	617786	6980234	6/30/2011	Grey	Sand	Damp	Pronounced Slope	100	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1055927	PED	7	617739	6980254	6/30/2011	Dark Grey Black	Clay	Damp	Pronounced Slope	80	B	Willows	Sphagnum Moss < 30cm	Poor	Partially Frozen	Organic 50%
1055928	PED	7	617689	6980264	6/30/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1055929	PED	7	617640	6980283	6/30/2011	Grey	Sand	Damp	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Dull Red Rust
1055930	PED	7	617591	6980293	6/30/2011	Grey	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1055939	PED	7	625889	6978555	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055940	PED	7	625807	6978615	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Partially Frozen
1055941	PED	7	625766	6978644	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055942	PED	7	625726	6978677	6/30/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055943	PED	7	625688	6978711	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055944	PED	7	625657	6978750	6/30/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055945	PED	7	625621	6978786	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky Terrain
1055946	PED	7	625587	6978823	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055947	PED	7	625554	6978860	6/30/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055948	PED	7	625511	6978885	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Rocky Terrain
1055949	PED	7	625467	6978912	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055950	PED	7	625425	6978940	6/30/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss > 30cm	Poor	Partially Frozen	Rocky Terrain
1055951	PED	7	627168	6979454	6/30/2011	Dark Blue Black	Sand	Wet	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	Mud
1055952	PED	7	627118	6979447	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	Partially Frozen
1055953	PED	7	627069	6979438	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky Terrain
1055954	PED	7	627019	6979428	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1055955	PED	7	626971	6979416	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky Terrain	Coarse
1055956	PED	7	626921	6979405	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Fine	Rocky Terrain
1055957	PED	7	626872	6979396	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Organic 10%
1055958	PED	7	626823	6979384	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Mud	Rocky Terrain
1055959	PED	7	626722	6979383	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Mud
1055960	PED	7	626672	6979380	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky Terrain
1055961	PED	7	626622	6979377	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1055962	PED	7	626571	6979376	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky Terrain
1055963	PED	7	626521	6979372	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Mud
1055964	PED	7	626471	6979370	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Organic 10%
1055965	PED	7	626421	6979365	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky Terrain
1055966	PED	7	626371	6979356	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky Terrain
1055967	PED	7	626321	6979354	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Mud
1055968	PED	7	626272	6979347	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1055969	PED	7	626171	6979353	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055970	PED	7	626122	6979359	6/30/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1055971	PED	7	626071	6979363	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Rocky Terrain
1055972	PED	7	626021	6979367	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky Terrain
1055973	PED	7	625971	6979374	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Rocky Sample
1055974	PED	7	625921	6979381	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1055975	PED	7	625872	6979385	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Organic 10%	Rocky Terrain
1055976	PED	7	625821	6979388	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1055977	PED	7	625771	6979392	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Terrain	Rocky Sample
1055978	PED	7	625721	6979396	6/30/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky Terrain
1055979	PED	7	625670	6979400	6/30/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1055980	PED	7	625620	6979405	6/30/2011	Chocolate Brown	Sand	Wet	Pronounced Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Mud	Rocky Terrain
1055981	PED	7	625571	6979408	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	B	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Organic 10%
1055982	PED	7	630474	6979499	7/1/2011	Dark Brown	Silt	Damp	Subtle Slope	20	A	No Tree Cover	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Organic 25%
1055983	PED	7	630506	6979538	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	20	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Rocky Sample	Rocky Terrain
1055984	PED	7	630769	6979956	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Rock Cover	Good	Rocky Terrain	Rocky Terrain
1055985	PED	7	630751	6979909	7/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	C	No Tree Cover	Burnt Moss	Good	Wet Soil	Fine
1055986	PED	7	630728	6979865	7/1/2011	Chocolate Brown			Subtle Slope	40	B	No Tree Cover	Burnt Moss	Good	Fine	
1055987	PED	7	630710	6979819	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1055988	PED	7	630685	6979776	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	B	Old Burn	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1055989	PED	7	630659	6979733	7/1/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	5	B	No Tree Cover	Thin Moss Cover	Poor	Organic 25%	Rocky Terrain
1055990	PED	7	630572	6979613	7/1/2011	Dark Brown	Sand	Damp	Pronounced Slope	20	B	No Tree Cover	Rock Cover	Poor	Rocky Terrain	Organic 10%
1062501	PED	7	638325	6977980	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1062502	PED	7	638325	6977980	6/24/2011	Light Brown	Sand	Damp	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Quartz Chips
1062503	PED	7	638366	6977951	6/24/2011	Light Brown	Gravel	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Poor	Rocky Sample	Sandy
1062504	PED	7	638399	6977914	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1062505	PED	7	638435	6977878	6/24/2011	Reddish Orange	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Quartz Chips	Fine
1062506	PED	7	638470	6977843	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	White Spruce	Thin Moss Cover	Good	Fine	Sandy
1062507	PED	7	638500	6977803	6/24/2011	Reddish Orange	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1062508	PED	7	638527	6977762	6/24/2011	Reddish Orange	Sand	Dry	Subtle Slope	70	C	Poplar	Thin Moss Cover	Good	Fine	Sandy
1062509	PED	7	638557	6977723	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Grass Cover	Good	Fine	Sandy

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1062510	PED	7	638596	6977693	6/24/2011	Light Brown	Gravel	Damp	Subtle Slope	50	B	White Spruce	Sphagnum Moss < 30cm	Good	Rocky Sample	Sandy
1062511	PED	7	638635	6977661	6/24/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Sample
1062512	PED	7	638675	6977632	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1062513	PED	7	638717	6977604	6/24/2011	Light Grey	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1062514	PED	7	638749	6977566	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1062515	PED	7	638782	6977527	6/24/2011	Light Brown	Silt	Dry	Pronounced Slope	60	C	Poplar	Grass Cover	Good	Coarse	Quartz Chips
1062516	PED	7	638819	6977492	6/24/2011	Light Brown	Sand	Dry	Pronounced Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1062517	PED	7	638864	6977473	6/24/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Fine
1062518	PED	7	638910	6977454	6/24/2011	Light Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1062519	PED	7	638954	6977429	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Quartz Chips
1062520	PED	7	638993	6977399	6/24/2011	Light Brown	Sand	Dry	Pronounced Slope	60	B	Pine	Sphagnum Moss < 30cm	Good	Rocky Terrain	Sandy
1062521	PED	7	639033	6977367	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	Pine	Needle Cover	Good	Coarse	Quartz Chips
1062522	PED	7	639073	6977340	6/24/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	White Spruce	Needle Cover	Good	Fine	Sandy
1062523	PED	7	638247	6978042	6/24/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1062524	PED	7	638285	6978010	6/24/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky Sample
1062525	PED	7	638158	6978162	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1062526	PED	7	638217	6978081	6/24/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	White Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Organic 10%
1062527	PED	7	638187	6978121	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1062528	PED	7	638129	6978203	6/24/2011	Light Brown	Sand	Dry	Subtle Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1062529	PED	7	638111	6978249	6/24/2011	Light Grey	Silt	Dry	Subtle Slope	100	C	Pine	Sphagnum Moss < 30cm	Excellent	Fine	Sandy
1062531	PED	7	624464	6972157	6/25/2011	Light Brown	Silt	Dry	Pronounced Slope	40	B	Poplar	Bare Soil	Good	Rocky Terrain	Sandy
1062532	PED	7	624509	6972181	6/25/2011	Light Brown	Sand	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Good	Fine	Sandy
1062533	PED	7	624552	6972205	6/25/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	B	Poplar	Leaf Cover	Good	Sandy	Rusty Rock Chip
1062534	PED	7	624582	6972245	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	Poplar	Leaf Cover	Excellent	Fine	Sandy
1062535	PED	7	624613	6972285	6/25/2011	Reddish Orange	Sand	Dry	Subtle Slope	70	C	Poplar	Leaf Cover	Good	Fine	Sandy
1062536	PED	7	624656	6972312	6/25/2011	Light Brown	Sand	Damp	Subtle Slope	70	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	Sandy
1062537	PED	7	624701	6972336	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	60	C	Poplar	Leaf Cover	Good	Coarse	Sandy
1062538	PED	7	624752	6972334	6/25/2011	Light Brown	Silt	Dry	Pronounced Slope	60	C	Poplar	Leaf Cover	Excellent	Coarse	
1062539	PED	7	624802	6972334	6/25/2011	Light Brown	Silt	Damp	Pronounced Slope	60	B	Birch Forest	Leaf Cover	Good	Fine	Sandy
1062540	PED	7	624851	6972328	6/25/2011	Light Brown	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	Sandy
1062541	PED	7	624901	6972328	6/25/2011	Light Brown	Sand	Dry	Pronounced Slope	80	C	Birch Forest	Leaf Cover	Good	Fine	Sandy
1062542	PED	7	624417	6972140	6/25/2011	Chocolate Brown	Gravel	Damp	Pronounced Slope	40	B	Poplar	Leaf Cover	Poor	Coarse	Rocky Sample
1062543	PED	7	625002	6972327	6/25/2011	Light Brown	Sand	Dry	Subtle Slope	60	B	Birch Forest	Sphagnum Moss < 30cm	Good	Fine	Sandy
1062544	PED	7	625377	6972674	6/25/2011	Grey	Gravel	Damp	Subtle Slope	50	C	Poplar	Leaf Cover	Good	Rocky Sample	Sandy
1062545	PED	7	625475	6972694	6/25/2011	Dark Blue Black	Gravel	Damp	Subtle Slope	60	B	White Spruce	Sphagnum Moss < 30cm	Good	Sandy	Rocky Sample
1062546	PED	7	625328	6972657	6/25/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	B	Poplar	Leaf Cover	Good	Rocky Sample	Sandy
1062547	PED	7	633532	6979847	7/1/2011	Chocolate Brown	Silt	Wet	Pronounced Slope	80	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen	Rocky Sample
1062548	PED	7	633582	6979848	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	90	B	Black Spruce	Thin Moss Cover	Good	Rocky	
1062549	PED	7	633631	6979849	7/1/2011	Dark Brown	Clay	Wet	Pronounced Slope	80	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen	Mud
1062550	PED	7	633731	6979850	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Good	Partially Frozen	
1062551	PED	7	610061	6980700	6/28/2011	Dark Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	
1062552	PED	7	610108	6980683	6/28/2011	Dark Brown	Sand	Wet	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1062553	PED	7	610155	6980665	6/28/2011	Dark Brown	Gravel	Damp	Subtle Slope	10	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky
1062554	PED	7	610203	6980650	6/28/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Fine	Rocky
1062555	PED	7	610247	6980624	6/28/2011	Dark Brown	Silt	Damp	Pronounced Slope	20	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Organic 25%	
1062556	PED	7	610294	6980612	6/28/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1062557	PED	7	610342	6980597	6/28/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	Rocky
1062558	PED	7	610391	6980590	6/28/2011	Greyish Green	Gravel	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1062559	PED	7	610441	6980586	6/28/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	30	B	Black Spruce	Thin Moss Cover	Poor	Rocky	Quartz Chips
1062560	PED	7	610469	6980544	6/28/2011	Chocolate Brown	Sand	Dry	Flat	30	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1062561	PED	7	610513	6980522	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	
1062562	PED	7	610560	6980506	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Leaf Cover	Good	Coarse	Rocky
1062563	PED	7	610605	6980528	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	
1062564	PED	7	610649	6980551	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Thin Moss Cover	Good	Coarse	
1062565	PED	7	610687	6980584	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Rocky	
1062566	PED	7	610724	6980618	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062567	PED	7	610757	6980656	6/28/2011	Chocolate Brown	Silt	Damp	Pronounced Slope	50	B	Poplar	Sphagnum Moss < 30cm	Poor	Rocky	
1062568	PED	7	610784	6980699	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062569	PED	7	610822	6980731	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Good	Rocky	
1062570	PED	7	610867	6980753	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1062571	PED	7	610911	6980778	6/28/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Rocky	
1062572	PED	7	610960	6980787	6/28/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062573	PED	7	610996	6980821	6/28/2011	Grey	Sand	Damp	Pronounced Slope	20	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky Terrain
1062574	PED	7	611040	6980843	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062575	PED	7	611090	6980853	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062576	PED	7	611140	6980850	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062577	PED	7	611190	6980844	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Organic 10%	Rocky
1062578	PED	7	611239	6980836	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062579	PED	7	611239	6980834	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062580	PED	7	611289	6980829	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062581	PED	7	611339	6980828	6/28/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	60	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062582	PED	7	611388	6980828	6/28/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062583	PED	7	611438	6980827	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Poor	Organic 25%	Rocky
1062584	PED	7	611489	6980826	6/28/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	Rocky
1062585	PED	7	611537	6980833	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062586	PED	7	611586	6980831	6/28/2011	Dark Brown	Sand	Damp	Flat	50	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1062601	PED	7	617095	6984447	6/27/2011	Chocolate Brown	Sand	Damp	Flat	30	C	Old Burn	Burnt Moss	Good	Fine	Rocky
1062602	PED	7	617047	6984464	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Fine	Rocky
1062603	PED	7	617000	6984481	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Organic 10%	Rocky
1062604	PED	7	616953	6984500	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Rocky	
1062605	PED	7	616905	6984514	6/27/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Rocky	
1062606	PED	7	616856	6984523	6/27/2011	Light Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Frost Boil	Excellent	Coarse	Quartz Chips
1062607	PED	7	616807	6984526	6/27/2011	Light Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Rocky	
1062608	PED	7	616756	6984528	6/27/2011	Reddish Yellow	Sand	Dry	Pronounced Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1062609	PED	7	616706	6984535	6/27/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Old Burn	Burnt Moss	Good	Coarse	
1062610	PED	7	616658	6984547	6/27/2011	Light Brown	Gravel	Wet	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Sandy	
1062611	PED	7	616610	6984561	6/27/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Fine	
1062612	PED	7	616560	6984572	6/27/2011	Reddish Yellow	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	Quartz Chips
1062613	PED	7	616510	6984581	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	
1062614	PED	7	616461	6984589	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Coarse	Dull Red Rust
1062615	PED	7	616411	6984597	6/27/2011	Chocolate Brown	Sand	Dry	Flat	30	C	Old Burn	Burnt Moss	Good	Rocky	
1062616	PED	7	616362	6984608	6/27/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Coarse	
1062617	PED	7	616363	6984607	6/27/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Coarse	
1062618	PED	7	616313	6984616	6/27/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Coarse	
1062619	PED	7	616268	6984638	6/27/2011	Reddish Yellow	Sand	Dry	Flat	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1062620	PED	7	616221	6984656	6/27/2011	Yellow	Gravel	Damp	Flat	30	C	Old Burn	Burnt Moss	Good	Rocky	
1062621	PED	7	616175	6984677	6/27/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Old Burn	Burnt Moss	Good	Coarse	
1062622	PED	7	616132	6984702	6/27/2011	Light Brown	Sand	Dry	Subtle Slope	100	C	Old Burn	Burnt Moss	Excellent	Quartz Chips	
1062623	PED	7	616095	6984737	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1062624	PED	7	616050	6984761	6/27/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1062625	PED	7	616011	6984791	6/27/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Dull Red Rust	Quartz Chips
1062626	PED	7	616011	6984792	6/27/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Excellent	Dull Red Rust	Quartz Chips
1062627	PED	7	615967	6984817	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Needle Cover	Good	Rocky	Quartz Chips
1062628	PED	7	615929	6984848	6/27/2011	Dark Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	Rocky
1062629	PED	7	615888	6984876	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Leaf Cover	Good	Quartz Chips	
1062630	PED	7	615846	6984907	6/27/2011	Reddish Yellow	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Coarse	
1062631	PED	7	615808	6984939	6/27/2011	Pale Greenish	Sand	Damp	Subtle Slope	100	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1062632	PED	7	615767	6984969	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Dull Red Rust	
1062633	PED	7	615727	6984999	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Old Burn	Burnt Moss	Good	Coarse	
1062634	PED	7	615687	6985030	6/27/2011	Dark Brown	Sand	Dry	Flat	70	C	Old Burn	Burnt Moss	Excellent	Quartz Chips	
1062635	PED	7	615644	6985056	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Coarse	
1062636	PED	7	615604	6985085	6/27/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1062638	PED	7	628762	6971441	6/28/2011	Chocolate Brown	Gravel	Dry	Flat	80	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1062639	PED	7	628725	6971405	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	C	Birch Forest	Sphagnum Moss < 30cm	Good	Coarse	Sandy
1062640	PED	7	628687	6971372	6/28/2011	Light Bluish Grey	Sand	Dry	Subtle Slope	60	C	Birch Forest	Thin Moss Cover	Excellent	Coarse	Sandy
1062641	PED	7	628643	6971347	6/28/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Rocky
1062642	PED	7	628643	6971347	6/28/2011	Light Brown	Sand	Dry	Subtle Slope	70	C	Black Spruce	Thin Moss Cover	Excellent	Coarse	Sandy
1062643	PED	7	628600	6971320	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	90	C	Birch Forest	Leaf Cover	Excellent	Dull Red Rust	Coarse
1062644	PED	7	628549	6971316	6/28/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Birch Forest	Leaf Cover	Excellent	Coarse	Sandy
1062645	PED	7	628499	6971318	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Dull Red Rust	Sandy
1062646	PED	7	628448	6971319	6/28/2011	Reddish Yellow	Sand	Dry	Subtle Slope	90	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1062647	PED	7	628398	6971321	6/28/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1062648	PED	7	628348	6971321	6/28/2011	Bluish Grey	Sand	Dry	Subtle Slope	70	C	Black Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Sandy
1062649	PED	7	628297	6971321	6/28/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Coarse	Rocky
1062650	PED	7	628247	6971320	6/28/2011	Reddish Yellow	Clay	Damp	Subtle Slope	80	C	Birch Forest	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1062651	PED	7	617548	6980297	6/30/2011	Dark Olivine Green	Sand	Dry	Steep	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Rocky
1062652	PED	7	617501	6980310	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Frozen	Coarse
1062653	PED	7	617453	6980328	6/30/2011	Dark Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Good	Partially Frozen	
1062654	PED	7	617403	6980338	6/30/2011	Greyish Green	Sand	Damp	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1062655	PED	7	617354	6980350	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Frozen	
1062656	PED	7	617304	6980357	6/30/2011	Greyish Green	Sand	Damp	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1062657	PED	7	617254	6980362	6/30/2011	Dark Brown	Sand	Wet	Subtle Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1062658	PED	7	617205	6980363	6/30/2011	Chocolate Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062659	PED	7	617154	6980368	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062660	PED	7	617104	6980371	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	100	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1062661	PED	7	617054	6980376	6/30/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1062662	PED	7	617004	6980377	6/30/2011	Reddish Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	Quartz Chips
1062663	PED	7	616954	6980379	6/30/2011	Reddish Brown	Sand	Damp	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1062664	PED	7	616903	6980379	6/30/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	100	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1062665	PED	7	616854	6980382	6/30/2011	Greyish Green	Sand	Damp	Pronounced Slope	110	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	
1062666	PED	7	616804	6980385	6/30/2011	Greyish Green	Sand	Dry	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1062667	PED	7	616754	6980390	6/30/2011	Greyish Green	Sand	Damp	Pronounced Slope	110	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1062668	PED	7	616703	6980390	6/30/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Poor	Mud	Frozen
1062669	PED	7	616654	6980382	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	60	C	White Spruce	Sphagnum Moss < 30cm	Poor	Coarse	Rocky
1062670	PED	7	616604	6980384	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	Poplar	Leaf Cover	Good	Fine	
1062671	PED	7	616553	6980381	6/30/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Rocky	
1062672	PED	7	616503	6980382	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	White Spruce	Thin Moss Cover	Good	Quartz Chips	
1062673	PED	7	616503	6980386	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	White Spruce	Thin Moss Cover	Good	Quartz Chips	
1062674	PED	7	616454	6980379	6/30/2011	Dark Brown	Silt	Dry	Pronounced Slope	70	B	White Spruce	Sphagnum Moss < 30cm	Poor	Quartz Chips	Sandy
1062675	PED	7	616404	6980373	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	100	C	White Spruce	Thin Moss Cover	Excellent	Quartz Chips	
1062676	PED	7	616354	6980377	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Excellent	Coarse	Quartz Chips
1062677	PED	7	616304	6980375	6/30/2011	Chocolate Brown	Silt	Dry	Pronounced Slope	110	B	White Spruce	Thin Moss Cover	Poor	Sandy	

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1062678	PED	7	616253	6980371	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	50	C	Poplar	Leaf Cover	Good	Quartz Chips	
1062679	PED	7	616203	6980376	6/30/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	110	C	White Spruce	Sphagnum Moss < 30cm	Good	Quartz Chips	Dull Red Rust
1062680	PED	7	616154	6980362	6/30/2011	Dark Olivine Green	Sand	Dry	Pronounced Slope	90	C	White Spruce	Sphagnum Moss < 30cm	Good	Rocky	
1062681	PED	7	616103	6980368	6/30/2011	Reddish Brown	Sand	Dry	Pronounced Slope	100	C	White Spruce	Grass Cover	Good	Quartz Chips	
1062682	PED	7	616054	6980366	6/30/2011	Light Brown	Gravel	Damp	Pronounced Slope	30	C	Poplar	Bare Soil	Poor	Rocky Sample	
1062683	PED	7	616004	6980366	6/30/2011	Grey	Sand	Damp	Pronounced Slope	80	C	White Spruce	Sphagnum Moss < 30cm	Good	Coarse	
1062684	PED	7	615954	6980364	6/30/2011	Dark Brown	Sand	Dry	Subtle Slope	70	C	White Spruce	Needle Cover	Good	Organic 25%	Rocky
1062685	PED	7	617753	6978904	7/1/2011	Light Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1062686	PED	7	617725	6978945	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1062687	PED	7	617680	6978967	7/1/2011	Light Brown	Sand	Damp	Subtle Slope	30	C	Old Burn	Burnt Moss	Good	Coarse	
1062688	PED	7	617640	6978998	7/1/2011	Light Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Good	Coarse	
1062689	PED	7	617612	6979039	7/1/2011	Light Brown	Gravel	Damp	Pronounced Slope	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1062690	PED	7	617571	6979067	7/1/2011	Light Brown	Sand	Damp	Pronounced Slope	80	C	Old Burn	Burnt Moss	Good	Quartz Chips	Dull Red Rust
1062691	PED	7	617544	6979111	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Good	Dull Red Rust	Quartz Chips
1062692	PED	7	617508	6979146	7/1/2011	Light Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Dull Red Rust	Quartz Chips
1062693	PED	7	617469	6979178	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1062694	PED	7	617445	6979222	7/1/2011	Grey	Gravel	Damp	Subtle Slope	30	C	Old Burn	Frost Boil	Good	Dull Red Rust	Quartz Chips
1062695	PED	7	617423	6979268	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Good	Dull Red Rust	Quartz Chips
1062696	PED	7	617402	6979315	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1062697	PED	7	617402	6979315	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Quartz Chips	
1062698	PED	7	617395	6979365	7/1/2011	Light Brown	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Good	Dull Red Rust	Quartz Chips
1062699	PED	7	617377	6979413	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Dull Red Rust	Quartz Chips
1062700	PED	7	617341	6979448	7/1/2011	Reddish Brown	Sand	Dry	Subtle Slope	80	C	Old Burn	Burnt Moss	Good	Fine	Quartz Chips
1062701	PED	7	620328	6980478	7/1/2011	Chocolate Brown	Clay	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1062702	PED	7	620280	6980493	7/1/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Sandy	
1062703	PED	7	620280	6980493	7/1/2011	Chocolate Brown	Sand	Dry	Flat	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Sandy	
1062704	PED	7	620235	6980524	7/1/2011	Chocolate Brown	Clay	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1062705	PED	7	620184	6980536	7/1/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1062706	PED	7	620136	6980549	7/1/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1062707	PED	7	620085	6980548	7/1/2011	Reddish Orange	Sand	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Dull Red Rust	Sandy
1062708	PED	7	620035	6980554	7/1/2011	Reddish Brown	Sand	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1062709	PED	7	619984	6980544	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1062710	PED	7	619934	6980530	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1062711	PED	7	619886	6980515	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1062712	PED	7	619841	6980492	7/1/2011	Chocolate Brown	Clay	Damp	Flat	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Clay	
1062713	PED	7	619841	6980492	7/1/2011	Chocolate Brown	Clay	Damp	Flat	70	C	Dwarf Birch	Thin Moss Cover	Excellent	Clay	
1062714	PED	7	619789	6980491	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1062715	PED	7	619738	6980494	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Excellent	Coarse	Clay
1062716	PED	7	619686	6980494	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Clay	
1062717	PED	7	619634	6980496	7/1/2011	Dark Brown	Sand	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Dull Red Rust	Sandy
1062718	PED	7	619584	6980489	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	Coarse
1062719	PED	7	619535	6980476	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1062720	PED	7	619483	6980479	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	
1062721	PED	7	619433	6980476	7/1/2011	Dark Grey Black	Sand	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Sandy	
1062722	PED	7	619379	6980472	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Clay	Coarse
1062723	PED	7	619327	6980465	7/1/2011	Chocolate Brown	Sand	Damp	Flat	60	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	Coarse
1062724	PED	7	619276	6980460	7/1/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Sandy
1062725	PED	7	619225	6980466	7/1/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Clay
1062726	PED	7	619175	6980455	7/1/2011	Dark Brown	Gravel	Damp	Subtle Slope	20	B	White Spruce	Thin Moss Cover	Good	Small Sample	Rocky Terrain
1062727	PED	7	619128	6980433	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Sandy
1062728	PED	7	619078	6980422	7/1/2011	Reddish Brown	Silt	Damp	Subtle Slope	50	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1062729	PED	7	619026	6980416	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	White Spruce	Thin Moss Cover	Excellent	Sandy	
1062730	PED	7	618975	6980408	7/1/2011	Dark Grey Black	Sand	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	Sandy
1062731	PED	7	618926	6980423	7/1/2011	Dark Grey Black	Sand	Damp	Flat	50	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Coarse	Sandy
1062732	PED	7	618881	6980399	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	White Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1062733	PED	7	618833	6980381	7/1/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	30	C	Black Spruce	Sphagnum Moss > 30cm	Good	Coarse	
1062734	PED	7	618802	6980340	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Black Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1062735	PED	7	618770	6980301	7/1/2011	Reddish Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss > 30cm	Excellent	Sandy	
1062738	PED	7	633042	6979896	7/1/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	No Tree Cover	Thin Moss Cover	Excellent	Sandy	
1062739	PED	7	633781	6979850	7/1/2011	Dark Brown	Silt	Wet	Subtle Slope	70	B	Black Spruce	Thin Moss Cover	Excellent	Rocky	Partially Frozen
1062740	PED	7	633833	6979850	7/1/2011	Dark Brown	Clay	Damp	Subtle Slope	70	B	Willows	Leaf Cover	Poor	Fine	Rocky Sample
1062741	PED	7	633884	6979846	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	Willows	Leaf Cover	Good	Rocky	Quartz Chips
1062742	PED	7	633934	6979850	7/1/2011	Dark Brown	Silt	Damp	Subtle Slope	80	B	Willows	Bare Soil	Good	Coarse	Bright Orange Rust
1062743	PED	7	633984	6979847	7/1/2011	Chocolate Brown	Silt	Dry	Subtle Slope	70	C	Willows	Leaf Cover	Excellent	Fine	Bright Orange Rust
1062744	PED	7	634033	6979848	7/1/2011	Chocolate Brown	Silt	Damp	Subtle Slope	70	C	Willows	Leaf Cover	Excellent	Bright Orange Rust	Rocky
1062745	PED	7	634084	6979845	7/1/2011	Dark Brown	Silt	Damp	Subtle Slope	100	B	Birch Forest	Bare Soil	Good	Fine	Rocky
1062746	PED	7	634134	6979848	7/1/2011	Dark Brown	Silt	Wet	Subtle Slope	70	B	Willows	Thin Moss Cover	Good	Partially Frozen	Coarse
1062747	PED	7	634184	6979856	7/1/2011	Dark Brown	Clay	Damp	Pronounced Slope	60	B	Willows	Thin Moss Cover	Poor	Fine	Partially Frozen
1062748	PED	7	629578	6980090	7/2/2011	Chocolate Brown	Gravel	Wet	Flat	60	C	No Tree Cover	Frost Boil	Good	Coarse	Outcrop Nearby
1062749	PED	7	629609	6980129	7/2/2011	Dark Brown	Silt	Damp	Pronounced Slope	70	B	No Tree Cover	Thin Moss Cover	Good	Rocky Terrain	Fine
1062750	PED	7	629638	6980168	7/2/2011	Dark Brown	Silt	Dry	Pronounced Slope	50	C	No Tree Cover	Thin Moss Cover	Excellent	Coarse	Rocky Terrain
1062751	PED	7	619821	6982810	7/1/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	C	White Spruce	Thin Moss Cover	Good	Clay	Rocky
1062752	PED	7	619771	6982811	7/1/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	White Spruce	Sphagnum Moss < 30cm	Good	Clay	Coarse
1062753	PED	7	619723	6982796	7/1/2011	Chocolate Brown	Clay	Wet	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky Terrain	
1062754	PED	7	621190	6982430	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1062755	PED	7	621156	6982467	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Clay

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1062756	PED	7	621120	6982502	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Thin Moss Cover	Good	Fine	Clay
1062757	PED	7	621082	6982536	7/2/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Clay
1062758	PED	7	621045	6982569	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Outcrop Nearby	Clay
1062759	PED	7	621007	6982603	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1062760	PED	7	620958	6982619	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Coarse	Clay
1062761	PED	7	620910	6982634	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Outcrop Nearby
1062762	PED	7	620861	6982649	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Partially Frozen
1062763	PED	7	620813	6982665	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Clay
1062764	PED	7	620764	6982679	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1062765	PED	7	620715	6982691	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Clay
1062766	PED	7	620666	6982702	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1062767	PED	7	620617	6982713	7/2/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky Terrain	Small Sample
1062768	PED	7	620567	6982724	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1062769	PED	7	620518	6982736	7/2/2011	Chocolate Brown	Clay	Damp	Flat	30	B	Dwarf Birch	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Organic 25%
1062770	PED	7	620469	6982745	7/2/2011	Chocolate Brown	Clay	Damp	Flat	40	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1062771	PED	7	620420	6982758	7/2/2011	Chocolate Brown	Clay	Dry	Flat	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Rocky Terrain
1062772	PED	7	620371	6982770	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	B	Dwarf Birch	Sphagnum Moss < 30cm	Good	Coarse	Dull Red Rust
1062773	PED	7	620322	6982781	7/2/2011	Reddish Yellow	Gravel	Dry	Subtle Slope	40	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Dull Red Rust	Coarse
1062777	PED	7	607032	6984718	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Clay
1062778	PED	7	606992	6984748	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Rocky Terrain
1062779	PED	7	606951	6984778	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky Terrain	Rocky
1062780	PED	7	606908	6984808	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Sandy
1062781	PED	7	606908	6984808	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Sandy
1062782	PED	7	606874	6984841	7/2/2011	Chocolate Brown	Gravel	Wet	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1062783	PED	7	606838	6984877	7/2/2011	Chocolate Brown	Clay	Wet	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky Terrain	Rocky
1062784	PED	7	606807	6984916	7/2/2011	Dark Brown	Sand	Damp	Flat	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1062785	PED	7	606782	6984960	7/2/2011	Reddish Yellow	Silt	Damp	Flat	80	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	
1062786	PED	7	606755	6985003	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky Terrain	Rocky
1062787	PED	7	606732	6985049	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Clay
1062788	PED	7	606705	6985092	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Sandy	Rocky Terrain
1062789	PED	7	606675	6985133	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Outcrop Nearby	Rocky Terrain
1062790	PED	7	606645	6985174	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Outcrop Nearby	Rocky
1062791	PED	7	606631	6985222	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Outcrop Nearby
1062792	PED	7	606619	6985271	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky Terrain
1062793	PED	7	606603	6985319	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1062794	PED	7	606588	6985367	7/2/2011	Chocolate Brown	Gravel	Damp	Flat	60	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky Terrain
1062795	PED	7	606596	6985417	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1062796	PED	7	606602	6985467	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Bright Orange Rust
1062797	PED	7	606614	6985516	7/2/2011	Reddish Yellow	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Excellent	Fine	Rocky
1062798	PED	7	606648	6985610	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1062799	PED	7	606672	6985655	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Rocky Terrain
1062800	PED	7	606696	6985700	7/2/2011	Chocolate Brown	Clay	Damp	Flat	20	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky Terrain	
1062801	PED	7	606624	6986165	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1062802	PED	7	606617	6986216	7/2/2011	Dark Brown	Gravel	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	Small Sample
1062803	PED	7	606614	6986267	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Sandy	
1062804	PED	7	606606	6986316	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Clay
1062805	PED	7	606578	6986359	7/2/2011	Dark Grey Black	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Sandy
1062806	PED	7	606560	6986407	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	Rocky Sample
1062807	PED	7	606526	6986444	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	
1062808	PED	7	606483	6986473	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Good	Organic 25%	Rocky
1062809	PED	7	606438	6986498	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1062810	PED	7	606388	6986519	7/2/2011	Chocolate Brown	Clay	Damp	Flat	30	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1062811	PED	7	606343	6986539	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1062812	PED	7	606298	6986567	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Outcrop Nearby
1062813	PED	7	606255	6986599	7/2/2011	Chocolate Brown	Clay	Damp	Flat	70	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1062814	PED	7	606255	6986599	7/2/2011	Chocolate Brown	Clay	Damp	Flat	70	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1062815	PED	7	606210	6986625	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1062816	PED	7	606171	6986656	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Coarse
1062817	PED	7	606125	6986683	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Outcrop Nearby
1062818	PED	7	606080	6986706	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1062819	PED	7	606035	6986730	7/2/2011	Reddish Brown	Sand	Damp	Flat	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1062820	PED	7	605991	6986756	7/2/2011	Reddish Brown	Sand	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1062821	PED	7	605947	6986781	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1062822	PED	7	605896	6986790	7/2/2011	Dark Brown	Gravel	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky	Small Sample
1062823	PED	7	605847	6986803	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	Small Sample
1062824	PED	7	605800	6986818	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	Clay
1062825	PED	7	605749	6986829	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1062826	PED	7	605699	6986839	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky
1062827	PED	7	605650	6986857	7/2/2011	Dark Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1062828	PED	7	605603	6986876	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Coarse	Rocky
1062829	PED	7	605553	6986880	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky
1062830	PED	7	605503	6986889	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	40	B	Dwarf Birch	Thin Moss Cover	Good	Rocky	Clay
1062831	PED	7	605453	6986889	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Excellent	Rocky	Coarse
1062838	PED	7	616274	6976801	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Old Burn	Leaf Cover	Good	Fine	
1062839	PED	7	616245	6976760	7/3/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	C	Old Burn	Grass Cover	Poor	Fine	
1062840	PED	7	616211	6976724	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Dwarf Birch	Burnt Moss	Good	Clay	Coarse

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1062841	PED	7	616182	6976683	7/3/2011	Chocolate Brown	Silt	Damp	Subtle Slope	50	C	Dwarf Birch	Grass Cover	Good	Fine	
1062842	PED	7	616153	6976642	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Good	Rocky	Coarse
1062843	PED	7	616118	6976606	7/3/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	40	C	Dwarf Birch	Burnt Moss	Excellent	Fine	Dull Red Rust
1062844	PED	7	605338	6986592	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	White Spruce	Sphagnum Moss < 30cm	Good	Fine	
1062845	PED	7	605317	6986547	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	White Spruce	Thin Moss Cover	Good	Fine	
1062846	PED	7	605295	6986504	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Willows	Sphagnum Moss < 30cm	Excellent	Fine	
1062847	PED	7	605274	6986459	7/2/2011	Chocolate Brown	Sand	Dry	Flat	50	C	Black Spruce	Thin Moss Cover	Good	Fine	
1062848	PED	7	605251	6986413	7/2/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1062849	PED	7	605251	6986414	7/2/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1062850	PED	7	605231	6986369	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1062851	PED	7	622703	6981732	7/2/2011	Light Brown	Gravel	Damp	Subtle Slope	50	B	No Tree Cover	Burnt Moss	Good	Clay	Coarse
1062852	PED	7	622752	6981730	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	No Tree Cover	Burnt Moss	Good	Coarse	Rocky Terrain
1062853	PED	7	622804	6981731	7/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	No Tree Cover	Burnt Moss	Good	Coarse	Clay
1062854	PED	7	622852	6981742	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	No Tree Cover	Burnt Moss	Good	Coarse	Rocky Terrain
1062855	PED	7	622899	6981759	7/2/2011	Chocolate Brown	Gravel	Damp	Subtle Slope	60	C	No Tree Cover	Burnt Moss	Excellent	Coarse	Rocky Terrain
1062856	PED	7	622947	6981777	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	40	B	No Tree Cover	Burnt Moss	Good	Coarse	Talus
1062857	PED	7	622993	6981794	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	No Tree Cover	Sphagnum Moss < 30cm	Excellent	Coarse	Rocky Terrain
1062858	PED	7	623040	6981812	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	B	No Tree Cover	Grass Cover	Good	Coarse	Rocky Terrain
1062859	PED	7	623078	6981845	7/2/2011	Chocolate Brown	Silt	Dry	Subtle Slope	60	B	No Tree Cover	Grass Cover	Good	Coarse	Rocky Terrain
1062860	PED	7	623115	6981880	7/2/2011	Chocolate Brown	Clay	Dry	Subtle Slope	50	B	No Tree Cover	Bare Soil	Good	Coarse	Rocky Terrain
1062861	PED	7	623153	6981914	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	80	C	No Tree Cover	Burnt Moss	Good	Coarse	Rocky Terrain
1062862	PED	7	623189	6981949	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	No Tree Cover	Bare Soil	Excellent	Coarse	Quartz Chips
1062863	PED	7	623226	6981985	7/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	40	B	No Tree Cover	Bare Soil	Good	Coarse	Rocky Terrain
1062864	PED	7	623260	6982023	7/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	C	No Tree Cover	Bare Soil	Excellent	Coarse	Rocky Terrain
1062865	PED	7	623279	6982069	7/2/2011	Dark Blue Black	Silt	Dry	Subtle Slope	40	B	No Tree Cover	Bare Soil	Poor	Coarse	Talus
1062866	PED	7	623302	6982114	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	60	C	No Tree Cover	Bare Soil	Excellent	Coarse	Rocky Terrain
1062867	PED	7	623304	6982164	7/2/2011	Chocolate Brown	Silt	Dry	Subtle Slope	50	B	No Tree Cover	Bare Soil	Good	Coarse	Rocky Terrain
1062868	PED	7	623310	6982214	7/2/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	50	B	No Tree Cover	Rock Cover	Good	Coarse	Rocky Terrain
1062869	PED	7	623312	6982264	7/2/2011	Dark Blue Black	Sand	Damp	Subtle Slope	40	B	No Tree Cover	Burnt Moss	Poor	Frozen	Rocky Terrain
1062870	PED	7	623316	6982315	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Old Burn	Burnt Moss	Good	Coarse	Mud
1062871	PED	7	623319	6982365	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	60	B	No Tree Cover	Burnt Moss	Good	Coarse	Rocky Terrain
1062872	PED	7	623324	6982415	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	No Tree Cover	Burnt Moss	Good	Coarse	Mud
1062873	PED	7	623338	6982464	7/2/2011	Dark Blue Black	Silt	Dry	Subtle Slope	50	B	No Tree Cover	Burnt Moss	Poor	Fine	Rocky Terrain
1062874	PED	7	623344	6982513	7/2/2011	Greyish Green	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1062875	PED	7	623344	6982513	7/2/2011	Greyish Green	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1062876	PED	7	623354	6982562	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	B	Old Burn	Burnt Moss	Poor	Fine	Mud
1062877	PED	7	623366	6982612	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky Terrain
1062878	PED	7	623377	6982663	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	B	Old Burn	Burnt Moss	Good	Coarse	Clay
1062879	PED	7	623387	6982712	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky Terrain
1062880	PED	7	623409	6982758	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Coarse	Wet Soil
1062881	PED	7	623427	6982805	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	80	C	Old Burn	Burnt Moss	Good	Coarse	Rocky Terrain
1062882	PED	7	623445	6982852	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Coarse	Clay
1062883	PED	7	623464	6982898	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Old Burn	Burnt Moss	Excellent	Coarse	Clay
1062884	PED	7	623482	6982946	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky Terrain
1062885	PED	7	623502	6982993	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1062886	PED	7	623502	6982993	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1062891	PED	7	606723	6985743	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	50	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky Terrain	Organic 50%
1062892	PED	7	606706	6985843	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	30	B	Dwarf Birch	Thin Moss Cover	Poor	Rocky Terrain	Rocky
1062893	PED	7	606698	6985893	7/2/2011	Grey	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	
1062894	PED	7	606685	6985942	7/2/2011	Dark Brown	Clay	Damp	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky Terrain	Clay
1062895	PED	7	606674	6985991	7/2/2011	Chocolate Brown	Clay	Damp	Subtle Slope	60	C	Dwarf Birch	Thin Moss Cover	Good	Clay	Rocky Terrain
1062896	PED	7	606659	6986040	7/2/2011	Chocolate Brown	Gravel	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Sandy	Coarse
1062897	PED	7	606645	6986088	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1062898	PED	7	606631	6986137	7/2/2011	Chocolate Brown	Clay	Damp	Flat	50	C	Dwarf Birch	Thin Moss Cover	Good	Coarse	Rocky Terrain
1062899	PED	7	616086	6976568	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	50	C	Dwarf Birch	Grass Cover	Good	Coarse	Rocky
1062900	PED	7	616054	6976527	7/3/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Burnt Moss	Good	Coarse	Clay
1062901	PED	7	628288	6981107	7/2/2011	Dark Brown	Sand	Wet	Subtle Slope	20	A	No Tree Cover	Sphagnum Moss < 30cm	Poor	Frozen	Small Sample
1062902	PED	7	628300	6981156	7/2/2011	Chocolate Brown	Silt	Wet	Subtle Slope	20	A	No Tree Cover	Sphagnum Moss < 30cm	Poor	Small Sample	Organic 50%
1062903	PED	7	628313	6981205	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Organic 10%	Frozen
1062904	PED	7	628324	6981253	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Old Burn	Thin Moss Cover	Poor	Coarse	Rocky Terrain
1062905	PED	7	628328	6981304	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	40	B	No Tree Cover	Sphagnum Moss < 30cm	Good	Rocky Terrain	Fine
1062906	PED	7	628329	6981354	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	No Tree Cover	Sphagnum Moss < 30cm	Poor	Rocky Terrain	Organic 25%
1062907	PED	7	628342	6981403	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Burnt Moss	Poor	Rocky Terrain	Wet Soil
1062908	PED	7	628373	6981442	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	50	B	No Tree Cover	Burnt Moss	Good	Rocky Terrain	Wet Soil
1062909	PED	7	628402	6981484	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	60	B	No Tree Cover	Burnt Moss	Good	Fine	Wet Soil
1062910	PED	7	628425	6981529	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	No Tree Cover	Rock Cover	Good	Rocky Sample	Rocky Terrain
1062911	PED	7	628464	6981620	7/2/2011	Chocolate Brown	Sand	Wet	Subtle Slope	30	B	No Tree Cover	Grass Cover	Good	Frozen	Organic 25%
1062912	PED	7	628481	6981667	7/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	20	B	No Tree Cover	Grass Cover	Poor	Top Layer	Rocky Terrain
1062913	PED	7	628493	6981716	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	40	C	No Tree Cover	Burnt Moss	Good	Rocky Terrain	Clay
1062914	PED	7	628503	6981765	7/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	10	C	No Tree Cover	Rock Cover	Good	Rocky Terrain	Rocky Sample
1062915	PED	7	628514	6981815	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	30	B	No Tree Cover	Bare Soil	Good	Organic 10%	Rocky Terrain
1062916	PED	7	628525	6981865	7/2/2011	Reddish Brown	Sand	Damp	Subtle Slope	30	C	No Tree Cover	Rock Cover	Excellent	Rocky Terrain	Rocky Sample
1062917	PED	7	628530	6981914	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	B	Old Burn	Burnt Moss	Good	Rocky Terrain	Fine
1062918	PED	7	628539	6981963	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	B	Old Burn	Grass Cover	Good	Rocky Terrain	Clay
1062919	PED	7	628558	6982009	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	B	Old Burn	Burnt Moss	Good	Rocky Terrain	Fine
1062920	PED	7	628580	6982054	7/2/2011	Reddish Brown	Silt	Dry	Pronounced Slope	40	B	Old Burn	Burnt Moss	Good	Rocky Terrain	Fine

Sample ID	Project ID	UTM Zone	UTM Easting	UTM Northing	Sample Date	Soil Colour	Soil Texture	Soil Moisture	Site Slope	Sample Depth	Sample Horizon	Site Vegetation	Site Cover	Sample Quality	Note1	Note2
1062921	PED	7	628604	6982098	7/2/2011	Reddish Brown	Sand	Dry	Pronounced Slope	30	B	Old Burn	Burnt Moss	Good	Rocky Sample	Rocky Terrain
1062922	PED	7	628648	6982187	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	30	B	Old Burn	Burnt Moss	Good	Rocky Terrain	Rocky Sample
1062923	PED	7	628673	6982231	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	20	B	Old Burn	Burnt Moss	Poor	Rocky Sample	Rocky Terrain
1062924	PED	7	615293	6985279	7/3/2011	Greyish Green	Gravel	Dry	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Fine	Rocky
1062925	PED	7	615260	6985317	7/3/2011	Chocolate Brown	Gravel	Dry	Subtle Slope	70	C	Old Burn	Burnt Moss	Excellent	Coarse	Rocky
1062926	PED	7	615233	6985360	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Old Burn	Burnt Moss	Excellent	Coarse	
1062927	PED	7	615233	6985360	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	110	C	Old Burn	Burnt Moss	Excellent	Coarse	
1062928	PED	7	615200	6985399	7/3/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Old Burn	Burnt Moss	Excellent	Coarse	Quartz Chips
1062929	PED	7	615164	6985435	7/3/2011	Chocolate Brown	Sand	Dry	Flat	110	C	Old Burn	Burnt Moss	Excellent	Coarse	
1062930	PED	7	615126	6985466	7/3/2011	Chocolate Brown	Silt	Dry	Flat	110	C	Old Burn	Burnt Moss	Excellent	Coarse	
1062931	PED	7	604982	6987406	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	80	C	Black Spruce	Thin Moss Cover	Good	Fine	
1062932	PED	7	605020	6987375	7/2/2011	Reddish Brown	Sand	Dry	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1062933	PED	7	605060	6987345	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Fine	Organic 10%
1062934	PED	7	605100	6987314	7/2/2011	Dark Olivine Green	Sand	Damp	Subtle Slope	30	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	Fine
1062935	PED	7	605140	6987284	7/2/2011	Dark Brown	Sand	Dry	Subtle Slope	60	C	Willows	Thin Moss Cover	Good	Fine	
1062936	PED	7	605178	6987253	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Fine	
1062937	PED	7	605219	6987223	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Black Spruce	Thin Moss Cover	Good	Fine	
1062938	PED	7	605259	6987193	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Excellent	Fine	
1062939	PED	7	605283	6987149	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Poor	Sandy	Rocky
1062940	PED	7	605307	6987105	7/2/2011	Chocolate Brown	Silt	Damp	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Poor	Sandy	
1062941	PED	7	605330	6987061	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	30	C	Black Spruce	Thin Moss Cover	Good	Fine	
1062942	PED	7	605354	6987018	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Black Spruce	Thin Moss Cover	Good	Fine	
1062943	PED	7	605377	6986974	7/2/2011	Chocolate Brown	Silt	Wet	Subtle Slope	40	B	Black Spruce	Thin Moss Cover	Poor	Rocky	
1062944	PED	7	605396	6986927	7/2/2011	Chocolate Brown	Sand	Dry	Pronounced Slope	40	C	Black Spruce	Thin Moss Cover	Good	Rocky	
1062945	PED	7	605412	6986880	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Fine	
1062946	PED	7	605402	6986831	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	40	C	Black Spruce	Sphagnum Moss < 30cm	Good	Fine	
1062947	PED	7	605395	6986781	7/2/2011	Chocolate Brown	Sand	Damp	Pronounced Slope	30	C	Dwarf Birch	Leaf Cover	Good	Fine	
1062948	PED	7	605372	6986736	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Poplar	Thin Moss Cover	Good	Fine	
1062949	PED	7	605370	6986687	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	50	C	Poplar	Sphagnum Moss < 30cm	Good	Fine	
1062950	PED	7	605355	6986639	7/2/2011	Chocolate Brown	Sand	Damp	Subtle Slope	60	C	Dwarf Birch	Sphagnum Moss < 30cm	Good	Fine	
1062951	PED	7	605203	6986327	7/2/2011	Light Bluish Grey	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Sphagnum Moss < 30cm	Excellent	Dull Red Rust	
1062952	PED	7	605177	6986283	7/2/2011	Chocolate Brown	Sand	Dry	Subtle Slope	40	C	Dwarf Birch	Thin Moss Cover	Good	Rocky	
1062953	PED	7	605155	6986239	7/2/2011	Dark Olivine Green	Sand	Dry	Subtle Slope	50	C	Dwarf Birch	Thin Moss Cover	Good	Fine	

Appendix III - Rock Sample Locations and Descriptions

Sample ID	Zone	Easting	Northing	Altitude (m)	Sample Description	Sample Type	Date
580501	7	625835	6981234	1135	QFP, 1-2% biotite, alt to chlorite, <1% dissem Py, tr Po, Magnetite, Cpy	RC, CGr	6/7/2011
580502	7	625818	6981217	1136	QFP, qz vns, buff-coloured; Mod Si alt; 2% Py, tr Cpy, mal	RC, CGr	6/7/2011
580503	7	625818	6981508	1161	Rhyolite, buff-tan, mod Si, wk-mod argillic (Arg) alt, <1% Py	Oc - Rc, CGr	6/7/2011
580504	7	625748	6981427	1160	Amphibolite, recrystallized, grn-blk, wk chl alt, 5% pyrite	Pit; C Gr	6/7/2011
580505	7	625530	6983000	976	Qz eye rhyolite; incl. Qz veins, tan, mod Si, Arg alt, 1-2% dissem pyrite	RC, CGr	6/7/2011
580506	7	625652	6981341	1146	Qz-Mon; pink-tan, wk-mod K-alt, wk ep alt; 2% secondary biotite, 1% Py, tr Cpy, Mag	Pit; grab	6/8/2011
580507	7	625824	6981243	1137	F. Por Mdior; veined, buff-tan, wk Si, Arg alt, 2% Py, <1% Po, tr Cpy, Mo	RC, CGr	6/8/2011
580508	7	625530	6981373	1126	Mdior, equigranular, buff-tan, weak Si, K, Phy alt, 1-2% Py, <1% Po, tr Cpy	Rc-flt, SCGr	6/8/2011
580509	7	625160	6981147	1161	Amphibolite, weakly calcareous (Calc), str Ep alt, tr Py in qz veins; green	Oc - Rc, CGr	6/8/2011
580510	7	625122	6981213	1169	Rhy, fractured, rare qz eyes, tan, weak sil, arg alt, 3% pyrite, mod-strongly oxidized	RC, CGr	6/8/2011
580511	7	624444	6981331	1190	Rhy, tan, wk K, phy, mod arg alt, <1% Py	RC, SCGr	6/8/2011
580512	7	624384	6981349	1186	Amphibolite, grey, loc brecciated, mod Si, strong graph alt, 2% f.gr Py	RC, CGr	6/8/2011
580513	7	623982	6981796	1222	Rhyolite, beige, mod. Fractured, mod arg, mod-strong sil alt, tr Py	RC, CGr	6/8/2011
580514	7	625297	6981402	1122	Rhyolite, qz veins, tan, weak-mod silica, weak argillic alt, tan; tr pyrite	Float - colluvium (CV); SCGr	6/10/2011
580515	7	625486	6981927	1063	Rhyolite, 3-4% Qz eyes, buff-tan, mod silica, weak Arg alt, <1% Py, tr Mo	Float - CV), CGr	6/10/2011
580516	7	625494	6981927	1065	Rhyolite, qz veins, tan, mod silica, weak Arg, lim alt, tan; tr pyrite, Moly	Float, SCGr	6/10/2011
580517	7	625509	6981935	1064	Amphibolite, recrystallized, grn-blk, wk chl, arg alt, 5% pyrite, tr Cpy	Rcrop - CV; SCGr	6/10/2011
580518	7	625520	6982080	1038	Qz-Fspar-Biotite Porphyry; weak K-spar, Arg alt; 2% Py, <1% Moly	Rcrop, CGr	6/10/2011
580519	7	625522	6982081	1038	Rhyolite, fractured, tan-buff, weak argillic, weak-mod silica alt; <1% Py, tr moly	Rcrop, CGr	6/10/2011
580520	7	625517	6982603	979	Quartz vein boulder; white, fractured, argillic lt + limonite al fractures	Float, grab	6/10/2011
580521	7	625468	6982631	972	Quartz vein boulders; fractured, tan, vuggy, dark sulphide (?)	Prox flt, CGr	6/10/2011
580522	7	625466	6982641	972	Int. Gneiss, grey-tan, 8% Qz +/- Py - Moly veins; strong K-alt; 5% Py, tr Moly	Prox flt, Grab	6/10/2011
580523	7	625521	6982694	975	Rhyolite, locally brecc; weak-mod ilica alt, wk ankeite (Ank) alt; tr pyrite	Float, CGr	6/10/2011
580524	7	625540	6982668	975	Rhyolite, fractured, mm-scale qz veins, tan, weak silica, Arg alt, <1% Py	Rcrop, CGr	6/10/2011
580530	7	632867	6976818	1572	Rhyolite dyke, f. Gr, massive, buff colour, weak silica alt	Rcrop, CGr	6/11/2011
580534	7	625870	6981164	1128	Qz-Bio Por, 5-6% Qz Vns, tan - beige, weak sil, arg, lim alt, <1% Py, tr Cpy	Rcrop, CGr	6/15/2011
580535	7	625896	6981144	1127	Sil. Gneiss (mafic volcanic?), sheeted Qz +/- Mo veins + Bismuthianite?,	Rcrop; grab	6/15/2011
580536	7	625819	6981296	1161	QFP, mod-strong sil matrix, mod arg alt, 5% Qz +/- Cpy veins, <1% Cpy, tr Mo, Py, <1% Cpy	Rcrop, CGr	6/17/2011
580537	7	625916	6981127	1129	QF Por, fractured, tan, mod sil, weak-mod arg, K-alt; <1% Mo, tr Cpy, tr-1% Py	Rcrop; grab	6/15/2011
580538	7	625921	6981104	1126	QF Por, 1-2% Bio, alt to chlorite, 10 - 12% Qz veins +/- Py, Mo; 2% frac cont + dissem Py	Rcrop, CGr	6/15/2011
580539	7	625811	6981261	1139	QF Por, f. grained, 4-5% Qz +/- Mo veins, mod sil matrix, <1% Py, tr Moly	Rcrop-SC; CGr	6/15/2011
580540	7	625758	6981253	1137	Qz Bio (QB) Por, 12% Qz Vns, 3% Bio, wk Kspar, arg alt; 1% Py, tr Cpy, tr Mo as clots	Rcrop, CGr	6/15/2011
580541	7	625598	6981221	1120	Gneiss, mod arg alt, minor Qz +/- Mo veins; 2% Py, tr Moly, Cpy	Rcrop; CGr, 2 sites	6/15/2011
580542	7	625634	6981192	1115	Qz vein, min 1.5m, mod lim, fractured, lim along fractures	Float; 1.5m chip	6/15/2011
580543	7	625532	6981237	1122	Rhyolite, qz veins, tan, limonitic, mod-str K-alt, Tr Moly, strong along one fracture	Float: CGr, 2 pieces	6/15/2011
580544	7	625517	6981251	1125	Pink rhyolite, 8-10% mm-cm scale qz veins +/- Py, Cpy, mod K, weak sil alt; 2% Py, <1% Cpy	Scrop, CGr, 3 pieces	6/16/2011
580545	7	625287	6981094	1129	F Grained rhy, 5-6% Qz veins, pink, mod K-alt, wk-mod sil; 2% dissem + vein-assoc Py	Talus-Rc; CGr	6/16/2011
580546	7	625386	6981153	1110	Rhyolite, veined, pink, mod Sil, K-alt; 2% Py	Talus-Scrop; CGr	6/16/2011
580547	7	625503	6981072	1077	Ta-Scrop; Rhyolite, veined - stokwork, 12-15% Qz veins, mod sil, K-alt; <1% clotty Py	Talus-Scrop; CGr	6/16/2011
580548	7	625885	6981095	1120	QF Por, 1-2% bio, 1% Qz-Py veinlets, tan, sugary matrix; 1-2% dissem Py	Rcrop, CGr	6/17/2011
580549	7	625858	6981085	1117	QF Por, mod-strong sil, f. Gr matrix, 4-5% Qz +/- Py veins; 1-2% dissem + vein Py, tr vein Mo	Rcrop - Scrop; CGr	6/17/2011
580550	7	625838	6981089	1114	QF Por, mod sil, weak Arg alt, 2% Qz +/- Mo veins; 2% dissem Py	Rcrop - Scrop; CGr	6/17/2011
580551	7	625873	6980979	1097	QB Por Monz, 2-3% Bio, weak-mod limonite; 4% dissem Py, tr Cpy	Rcrop- - prox CV; CGr	6/17/2011
580552	7	625995	6981252	1147	Rhyolite,10% sub-cm Qz +/- Py veins, weak sil, arg alt;2% frac cont + dissem Py	Rcrop, CGr	6/17/2011
580553	7	626014	6981159	1143	QFB Por, locally veined, mod arg alt of fspars, buff-tan; 3% dissem + clotty Pyrite	Rcrop, CGr	6/18/2011
580554	7	626045	6981089	1142	QFB Por, beige-tan, massive, 3% biotite, 3-4% dissem Py	Float (CV?); CGr	6/18/2011
580555	7	626094	6981069	1148	QFB Por, grey, weak limonite; 2% dissem Py	Float (CV?); CGr	6/18/2011
580556	7	625936	6981383	1148	QP Mon, 25-30% qz veins, locally banded, local mass vein Py, mod K alt; 2% Py	Rcrop, CGr	6/18/2011
580557	7	626424	6981787	1055	CV - Talus; 1 boulder of Qz-Moly vein, 5-6 cm wide, 3% banded Mo; 1-2% c gr Pyrite	CV - Talus; Grab	6/18/2011
580558	7	626334	6981777	1011	Qz-Hble Por Monz, 7-8% Qz eyes, chl after hble; 1% dissem Pyrite	Talus - CV; CGr	6/18/2011
580559	7	625998	6982296	908	QFP Monzonite, veined, tr Mo along one vein; 1% Py, trace Moly along one vein	Float (Placer); CGr	6/18/2011
580560	7	626713	6981669	1156	QFP, veined, tan, mod sil, arg, weak K, ser alt; 2-3% dissem Moly, tr Cpy, Py	Float to CV; CGr	6/21/2011
580561	7	626719	6981683	1154	QFP, massive, 5-6% Quartz, 50% Fspar porphyries, mod arg alt	CV - float, CGr	6/21/2011
580562	7	626725	6981687	1155	QFP, tan massive, weak sil, K, weak-mod arg alt, mod lim alt	CV - float, CGr	6/21/2011
580563	7	626752	6981737	1153	C gr QFP, mod sil, phy, weak-mod arg alt; 5% dissem and clotty Py, tr. Cpy	CV, SCGr	6/21/2011
580564	7	626741	6981756	1148	QFP, strong sil alt, buff-coloured, fine fractures, mod-strong sil; 4% Py, <1% frac-cont Mo	CV - Rcrop; SCGr	6/21/2011
580565	7	626737	6981763	1146	QFP, C. Grained, massive, mod phy alt of biotite, 5% dissem and clotty Py, tr dissem Cpy, Mal	CV - Rcrop; SCGr	6/21/2011
580566	7	626726	6981770	1143	QFP, c. grained, mod phy alt, weak sil, arg alt; 3-4% dissem Py, <1% diss Cpy, tr Moly	CV - Rcrop; Grab	6/21/2011
580567	7	627427	6982374	1044	QFB, biotite alt to ser/ chl; mod sil, wk K, Arg alt; 2% dissem Pyrite	Rcrop, CGr	6/21/2011
580568	7	627468	6982375	1047	QFB, weak phy alt of bio to ser/chl; weak K, Arg alt; 2% pyrite	Rcrop, CGr	6/21/2011
580569	7	627495	6982467	1034	QFP, very siliceous, mod arg alt of fspars, <1% Qz veining; 1% dissem euhedral pyrite	Rcrop, CGr	6/21/2011
580570	7	625890	6981057	1112	QP Monz, "almost rhyolitic" in texture; 5% Qz vns, mod sil alt; >1% Py, tr Cpy, Moly	Rcrop, CGr	6/24/2011
580571	7	625379	6981864	1062	Q Por, fine grained, 2-3% fine grained Qz veins, 2% Py, tr vein Moly	Rcrop, SCGr	6/24/2011
580572	7	625397	6981974	1052	Rhyolite, weakly fractured; mod sil, weak arg alt, 1% Py, tr Moly along fractures	CV - Rcrop, CGr	6/24/2011
580573	7	625469	6982027	1051	Rhyolite, 5-6% Qz veins +/- moly along edge	CV - Rcrop, Scrop; Grab	6/24/2011
580574	7	625728	6982039	1035	Rhyolite, veined, tan, weak sil, argillic alt, tr pyrite	CV; CGr	6/24/2011
580575	7	625617	6982142	1023	Rhyolite, fractured, strong sil alt, 4-5% Qz veins, tan, <1% Pyrite	Rcrop - CV; CGr	6/24/2011

Sample ID	Zone	Easting	Northing	Altitude (m)	Sample Description	Sample Type	Date
580576	7	627082	6981621	1226	QFP, 25-30% F Porphyries, mod sil alt, aphanitic groundmass; 1% frac-cont Py	Rcrop - Scrop; CGr	6/25/2011
580577	7	627076	6981614	1225	QFP, mod sil, weak arg alt, light grey, weakly limonitic; 2% dissem Py	Rcrop - Scrop; CGr	6/25/2011
580578	7	627068	6981619	1223	QFP, fractured, tan, mod sil, lim alt; 2% dissem Py, tr Galena	Rcrop - Scrop; CGr	6/25/2011
580579	7	627175	6981350	1243	QFB Por, weak sil, arg alt; 4% dissem Py, incl. Euhedral Py; tr Cpy	Rcrop, CGr	6/25/2011
580580	7	627017	6981712	1199	Qz-bio schist (mtaseds) - skarn, mod-strong silica, blue - green; 6-7% folioform Py, tr Po	Rcrop - talus; CGr	6/25/2011
580581	7	626938	6981753	1183	QFP, coarse grained, wek sil, arg, lim alt, buff - tan;3% dissem Py	Rcrop; Cgr	6/25/2011
580582	7	626615	6981859	1104	QFB Por float, 3-4% bio, weak - mod sil alt, weak arg, lim alt	Rcrop - CV; SCGr	6/25/2011
580583	7	626619	6981861	1103	QFP, weak hl, weak - mod sil alt, pale green, 5% dissem f. Gr pyrite	Rcrop - CV, CGr	6/25/2011
580584	7	626816	6981235	1225	Banded Ep skarn (lstone?), mod chl, sil alt; 25-30% Qz veins	Float: Chip, 0.9m	6/28/2011
580585	7	627443	6982274	1062	QFP, 20 - 25% Qz eyes, 2-3% Qz veins, wk sil, arg alt. 4-5% dissem euhedral Py	Rcrop - Scrop; CGr	6/28/2011
580586	7	627537	6982690	1017	Q Por, near rhyolitic texture, 1-2% Qz veins, beige-tan, fractured; <1% Py	Rcrop - Scrop; CGr	6/28/2011
580587	7	627545	6982688	1015	Q Por, mod-strong silica alt, fract, 1-2% fine qz stringers, weak-mod ankeritic alt	Rcrop - scrop, grab	6/28/2011
580588	7	627546	6982691	1014	QFP, fractured, vuggy qz veins, mod lim, sil alt, rhyolitic texture	Rcrop - Scrop; CGr	6/28/2011
580589	7	627535	6982697	1015	QFP, strong arg alt of fspars; mod sil, phy alt; 4% Py, locally to 10%; tr f. Gr Moly (?)	Rcrop - Scrop; CGr	6/28/2011
580590	7	627444	6982519	1034	QP Mon, 10% Qz eyes, 1-2% Qz veins, mod phyllic, argillic alt; 1% clotty pyrite	CV-Rcrop, CGr	6/30/2011
580591	7	627439	6982495	1034	QP Monz, beige-tan, mod phyllic, arg alt; 1% clotty pyrite	Rcrop; CGr	6/30/2011
580592	7	627535	6982796	1013	Rhyolite (QP Monz?) fractured, strong sil, mod arg alt, weak phy alt; tr Pyrite, Moly	Rcrop; CGr	6/30/2011
580593	7	627758	6982636	918	QFP, coarse grained, tan, weak sil, arg, phy alt, 1-2% qz veins; 1% dissem Pyrite	Rcrop - CV; CGr	6/30/2011
580594	7	627714	6982605	935	QFP, tan, fractured, 1-2% Qz veins, mod arg alt, wk phy, sil alt; 2% dissem pyrite	Rcrop - CV; CGr	6/30/2011
580595	7	627334	6982531	1018	CV - Rcrop, small exposure; QFP, strong sil alt, fractured, mod arg, ankeritic, limonite alt	CV-Rcrop, SCGr	6/30/2011
580596	7	627223	6982640	977	QFP, tan, med grained, mod arg, lim alt, weak sil, phyllic alt; 2% dissem pyrite	CV, CGr	6/30/2011
580597	7	627057	6982732	896	QFP; mod sil, arg alt, 5% Qz +/- Mo, Py veins, 1-2% pyrite, <1% Moly	Float, grab	6/30/2011
580598	7	627058	6982739	895	QFP float in stream bed; 7-8% Qz veins with tr galena, Mo; mod silica, arg alt	Float, CGr	6/30/2011
580599	7	627022	6982673	912	QFP, mod sil, weak arg alt, lim along fractures; 3-4% Pyrite	Rcrop - CV; CGr	6/30/2011
580601	7	626629	6982543	1044	Rcrop along broad ridgeline; Rhyolite, 15% Qz por, 3-4% narrow qz veins, mod lim along fractures	Rcrop, CGr	6/30/2011
580602	7	630364	6979478	1424	Limestone, banded, including silica banding, likely small band; 3% pyrite	Rcrop - frost boil; CGr	7/1/2011
1111001	7	627108	6981542	1229	pegmatite qtz w/ weak ser, biotite foliation. Rusty hem alt'n in qtz (monz?) di	OC	6/6/2011
1111002	7	627154	6981600	1219	Coarse Gr Silica Rhyodacite (Qtzite?), FeOx (Lim,+/- Hem), Pyr, MnOx,	SC	6/6/2011
1111003	7	627174	6981612	1211	Med-Gr Meta-Sed (MetaQtzite? Poss Intrve?)X-Cut by 1cm Qfp dke. K-Alt, Qtz, wk diss pyr,	SC	6/6/2011
1111004	7	627170	6981621	1210	F-Gr RhyDacite w/ diss pyr, mo, FeOx,	SC	6/6/2011
1111005	7	627168	6981617	1212	Med-Gr RhyDacite w/ diss pyr, mo,	SC	6/6/2011
1111006	7	627132	6981671	1203	F-Med Gr RhyDacite w/rotted diss pyr grain <2mm, FeOx-Lim	SC	6/6/2011
1111007	7	627052	6981595	1221	F.Gr RhyDacite, 2-5% Banded&Diss Pyr	SC	6/6/2011
1111008	7	627029	6981418	1235	Med-Gr Meta-Sed, 30-45% Biotite; Strong Epidote, Alt'n Qtz, Ser-Bio, 2-5% diss pyr.	SC	6/6/2011
1111009	7	627026	6981385	1232	Med-Gr Very Alt Ign (MetaIgn) w/ strong Si Alt'n (veining), FeOx, Epi, 50% Biotite	SC	6/6/2011
1111010	7	626994	6981222	1232	F.Gr RhyDacite, 5% Diss Pyr. AsPy?, wk-mod FeOx (Lim)	RC	6/6/2011
1111011	7	625819	6981137	1119	QFP – Qtz porph w/ mod bleaching, Epizonal txtrs? (miarolitic?/Altn?) , 5% diss pyr, 5%uknwn sulphide	RC	6/7/2011
1111012	7	625522	6980986	1046	Sub-Ang Amph Skarn? W/ FeAltn, Qtz Veins, Likely local transport.	FL	6/7/2011
1111014	7	625521	6981083	1091	Angular Frags from Qtz Porph, Qtz Veining, 2-6% Biotite (fabric? Metaign?) near ctc w/ biotite schist.	SC	6/7/2011
1111015	7	625523	6981086	1092	Biotite Intr? Qtz Veining, Fe Stain, 40-50% Biotite (Alt'n?)	SC	6/7/2011
1111016	7	625437	6981118	1096	Biotite Rich Schist (fr Intr?) Fe Alt'n (late, Lim?), Vein Epi alt'n, mod qtz veins, rotted pyr,	SC	6/7/2011
1111017	7	625362	6981068	1110	Epidote rich Skarn (amphibole)	SC	6/7/2011
1111018	7	625314	6981089	1125	near ctc btw Porph and Amphibole/Calc Skarn w/ strong Epi	SC	6/7/2011
1111019	7	625643	6981348	1150	V. Alt Rhyolite (Q-Porph?) Lim, Hem (V.Alt Qtz-Porph??) Excellent samples of K-Alt Qtz-Monz 'core' in pit.	SC	6/7/2011
1111020	7	625834	6981239	1148	QFP (Qmd) w/ K-Spar & Bio Alt'n, Diss Pyr, Fe+, Mag, Diss Mo, Diss wk Cpy	SC	6/8/2011
1111021	7	625878	6981047	1111	QFP SubVol, Silicious, Mod feAlt'n w/ FeAlt'd qtz veins (+Mag)	SC	6/8/2011
1111022	7	625604	6981013	1073	Retro? Skarn QFP, mega Epi, Chl, Qtz,	SC	6/8/2011
1111023	7	625607	6981012	1073	Mag BX? In metased, (poss alt'd intr.)	SC	6/8/2011
1111024	7	625586	6981018	1070	Moly-K-Pheric Float zone ('bonanza style'). F-med gra high grade Mo stringers in k-spar alt'd float zone. diss/fx Mo	SC/RC/FL	6/8/2011
1111025	7	625591	6980938	1040	V.Sili (+Epi, Pyr, Ser) Paleo rock (phyll-schist/metased)	OC	6/8/2011
1111026	7	626507	6981591	1096	Med-gr QFP (subvol rhydac) str silicification, 5-15% sulphides (Pyr, Cpy, Mo) , 5% AsPy(Mo?), FeOx(lim fr pyr) 1-3mm Fspars, Fx contr Sulphides veins/bands, blebby mag, K-Spar&Bio Alt'n	SC	6/10/2011
1111027	7	626533	6981703	1095	RhyDac w strong Qtz-Ser Alt'n. Wk Garnets	SC	6/10/2011
1111028	7	626535	6981777	1091	Alt'd Qtz-Eye Porphy w/ diss pyr/pyrrh		6/10/2011
1111029	7	626636	6981782	1118	Ser-Pyr/Si host metased (qtzite??), Stron Fe Alt'n		6/10/2011
1111030	7	626701	6981794	1132	Coarse GR Pegmatitic Qtz Vein w/ blocky& f-gr pyr, feox, ser. 2-5% pyr. 15-20% bio, +/- cpy. Angular	SC	6/10/2011
1111031	7	626558	6982669	1045	Bioitite Schist – 25% biotites 20-40% amphibole, locally up to 75% biotite	SC	6/10/2011
1111032	7	626564	6982691	1044	F-Med Gr RhyDacite , 1% diss pyr, uknwn other sulph, k-Alt'n (pyrite rots)		6/10/2011
1111033	7	626565	6982706	1045	same as sample #1111032, same zone.		6/10/2011
1111034	7	626532	6982786	1045	Qfp? Silicified, Pyr (1%Diss), K-Alt'n, 3-5mm Fspars, 2-5% Epi (up to 10%local)		6/10/2011
1111045	7	625944	6981409	1152	OFP, Qtz Eye, FeOx (Lim) Tr Diss Pyr + Mo		6/16/2011
1111046	7	625958	6981386	1151	OFP(Bio) Kpheric (Kspar) Alt'n, Strong Biotite		6/16/2011
1111047	7	625945	6981331	1154	K-Alt/Silicious RhyDac		6/16/2011
1111048	7	625943	6981318	1154	Contact Zone Btwn OFP&Biotite Schist, Strong Mag (BX?)		6/16/2011
1111049	7	625959	6981313	1152	Qtz-Bio Schist w/ Bx Veins, Strong Mag (Mag BX?)		6/16/2011
1111050	7	625945	6981311	1152	Qtz-Ser (Musc, bio?) w/ Strng Oxidation		6/16/2011
1111051	7	627119	6981559	1229	F-mgd quartzite (qtz-minor mica) w 2-5% diss subhedral and coarser clots PY	SC	6/6/2011
1111052	7	627117	6981564	1228	QV 15-30cm wide, white, w 1mm euhedral PY, poss tr moly (?)	SC	6/6/2011

Sample ID	Zone	Easting	Northing	Altitude (m)	Sample Description	Sample Type	Date
1111053	7	627125	6981573	1226	"Rhyolitic" pink-white aphanitic 'dacitic' dyke phase (within 20m wide QFP) w diss 2PY; dyke trends 320az	SC	6/6/2011
1111054	7	627098	6981572	1222	QV 1-5cm wide network veins (local, noncontinuous) in strong SIL-SER alt'd ?QFP dyke	SC	6/6/2011
1111055	7	626712	6981143	1209	Aph-fgd "rhyolitic" pink-white highly silicic felsic dyke, locally with coarser QFP; 2-3% fgd PY diss	SC	6/6/2011
1111056	7	626627	6981072	1214	Pod of 1mm-1cm vuggy QV's w fgd 3PY; overprinting amphibolite schist	SC	6/6/2011
1111057	7	627119	6981576	1228	Rubblecrop: Rhyolite, veined, grey, mod phyllic, weak silica alt; 5% Py, tr As?	RC; composite grab (CGr)	6/6/2011
1111058	7	627117	6981576	1230	Rhyolite, veined, dark grey, Mod-str silica, mod phyllic alt; 4% Py, tr As	RC; composite grab (CGr)	6/6/2011
1111059	7	627112	6981582	1229	Banded qz with py/ graph; mod-strong sil, weak phy, 3% py	RC; specific composite grab (SCGr)	6/6/2011
1111060	7	627149	6981546	1235	Banded quartzite, grey, mod silica (Si), phyllic (Phy), weak limonite (L) alt; <1% PY	RC, CGr	6/6/2011
1111061	7	627150	6981545	1235	QFP, fractured, tan, weak phy aly; 1% Py, tr Cpy, clotty sulphides	RC, SCGr	6/6/2011
1111062	7	627176	6981515	1232	F. Gr, grey quartite; Mod-strong Si, graph alt; >1% Pyrite	RC, CGr	6/6/2011
1111063	7	627155	6981431	1238	F P Dyke, yellow, mod phyllic, limonitic alt	RC, SCGr	6/6/2011
1111065	7	627002	6981646	1223	White semi-oxidized with some sulphides	composite grab, RC	6/6/2011
1111066	7	627174	6981448	1235	Oxidized granite or rhyolite schist with reddish spots	composite grab, RC	6/6/2011
1111067	7	627139	6981367	1249	Dark rocks, possibly mafic mica schist	composite grab, RC	6/6/2011
1111068	7	627156	6981430	1238	Fine mica schist, green hues, oxidized	composite grab, RC	6/6/2011
1111069	7	625701	6981691	1116	"Ryolite" with 7cm rusty quartz vein carrying ~py+po	SC	6/7/2011
1111070	7	625575	6981111	1103	Contact between QP and biotite-rich schist xenolith/lithology contact.2-3%py disseminated in QP and stringers in schist	SC	6/7/2011
1111071	7	625820	6981242	1135	QP with pervassive potassic and chloritic alteration. Diss py,cpy moly, and mt. Malachite along fractures. Small quartz vein also carrying py and moly	SC	6/8/2011
1111072	7	625867	6981209	1134	QP with pervassive potassic alteration. Moly in fractures + disseminated py and cpy~2%	SC	6/8/2011
1111073	7	625812	6980942	1079	Large boulder, moderatly foliated, highly magnetic. Composed of grey quartz, plag, chlorite, magenetite (10%), and biotite.	SC	6/8/2011
1111074	7	625631	6980988	1071	"Ryolite" with strong pervasive potassic alteration, quartz py veining present	SC	6/8/2011
1111075	7	625641	6980965	1055	Potassic alteration, vuggy and silicified. Diss py,cpy,moly, ferro-moly suming to ~2%	SC	6/8/2011
1111101	7	626500	6981598	1090	Sheared,oxidised, banded QFP/gneiss with quartz vein carrying py, moly,apy(?)	SC	6/10/2011
1111102	7	626488	6981742	1079	Silicified, oxidised schist with parallel veinlets of quartz with moly + py. The sulphides are also concentrated in vugs	SC	6/10/2011
1111103	7	626500	6981839	1073	vuggy, rusted quartz vein with minor moly	SC	6/10/2011
1111104	7	626541	6981987	1066	vuggy, rusted quartz vein with minor moly and medium grained euhedral py	SC	6/10/2011
1111105	7	626549	6982096	1059	Sheared,oxidised, banded QFP/gneiss with quartz vein carrying py, moly,apy(?)	SC	6/10/2011
1111106	7	626567	6982158	1059	chlorite and potassic altered QFP with 1-2%py and minor cpy	SC	6/10/2011
1111107	7	626605	6982757	1036	chloritised QFP with 2%py	SC	6/10/2011
1111108	7	632854	6976770	1564	Red-Orange highly oxidised intermediate gneiss with trace py and magnetite	SC	6/11/2011
1111119	7	625888	6981447	1155	Oxidised QFP quartz veinlets throughout	SC	6/15/2011
1111120	7	625991	6981357	1147	Quartz biotite gneiss with quartz veinlets and rust halos	SC	6/15/2011
1111121	7	626033	6981354	1146	Chloritised QFP with trace moly and py	SC	6/15/2011
1111122	7	626705	6981180	1217	Quartz vein boulder with chlorite and trace py	SC	6/15/2011
1111123	7	626739	6981211	1216	Vuggy rusted quartz vein with ~2% py, chlorite	SC	6/15/2011
1111124	7	626814	6981250	1224	Quartz-chlorite-garnet skarn, heavily oxidised with 5% py+po	SC	6/15/2011
1111125	7	626915	6981640	1197	Amphibolite schist, highly oxidised with stringers of py	SC	6/15/2011
1111126	7	626929	6981686	1195	quartz boulder with chlorite,3% aspy, strongly oxidised	SC	6/15/2011
1111127	7	625466	6981257	1123	quartz biotite gneiss with 1%py	SC	6/16/2011
1111128	7	625492	6981246	1123	Quartz biotite gneiss with quartz veins(2cm) up to 15% moly+py+cpy+bornite	SC	6/16/2011
1111129	7	625294	6981099	1129	Potassically altered Rhyolite with fine and medium grained euhedral py	SC	6/16/2011
1111130	7	625471	6981119	1091	quartz biotite gneiss with diss. And veinlets of moly, cpy, and py	SC	6/16/2011
1111131	7	625527	6981064	1079	rusty quartz chlorite boulder with 2% py	SC	6/16/2011
1111132	7	625883	6981265	1146	oxidised quartz biotite gneiss with veinlets and diss mt, po, py, cpy, and moly(totaling 2%)	SC	6/17/2011
1111133	7	625807	6981413	1157	silicified amphibolite 2-3% py	SC	6/17/2011
1111134	7	625844	6981550	1150	Rhyolite with chill margins, quartz eyes, 3% py	SC	6/17/2011
1111135	7	626035	6981406	1139	Quartz boulder with chlorite with 10% py and 5% mt.	SC	6/17/2011
1111136	7	626561	6981038	1226	Chloritised plagioclase pegmatite	OC	6/15/2011
1111137	7	626713	6981686	1151	QB gneiss with folded Qv, ~5% diss py and trace cpy. Heavily oxidised	SC	6/21/2011
1111138	7	626732	6981683	1155	Oxidised QFP with coarse py blebs, trace cpy.	SC	6/21/2011
1111139	7	626755	6981734	1153	Chloritised, silicified, QM schists. Some quartz veins cross cutting	SC	6/21/2011
1111140	7	626751	6981762	1147	Chloritised QFP with 5% py and trace cpy, some relict biotite	SC	6/21/2011
1111141	7	626761	6981870	1131	Lightly foliated, not lineated coarse amphibolite, pyrite-cpy vein 1cm, +2% diss py. Minor garnet and chlorite	Fl	6/21/2011
1111142	7	626892	6981847	1150	QB-garnet-gneiss with epidote veining. 1-2% py with moly blebs, oxidised	FL	6/21/2011
1111143	7	626667	6982440	1059	Magnetite-garnet-schist. Mag. As inclusions within garnets	SC	6/21/2011
1111144	7	626629	6982513	1048	Chloritised QFP with 2% diss. Py trace cpy	SC	6/21/2011
1111145	7	625403	6982146	1013	highly oxidised coarse amph, 2% py	Sc	6/24/2011
1111146	7	625403	6982146	1013	Amph hornfels, very coarse grained, 2% py, pp	Sc	6/24/2011
1111147	7	625700	6982485	960	Dark pink QFP with dead quartz veinlets	Sc	6/24/2011
1111148	7	625465	6982486	978	highly oxidised QM schist with 3% py	Sc	6/24/2011
1111149	7	625417	6982596	953	Qv tr moly, with coarse euheadral py, rusty and vuggy	Sc	6/24/2011
1111150	7	627102	6981384	1256	oxidised Qv, vuggy with trace py	Oc	6/25/2011
1111151	7	627358	6981006	1245	wollastonite schist? Some qv's-non mineralised, but slightly oxidised	Sc	6/25/2011
1111152	7	627651	6980886	1271	Kyanite-magnetite schist, 10% coarse(2cm) euhedral magnetite ~10%	Fl	6/25/2011
1111153	7	628222	6980915	1329	potassically altered QM schist, slightly oxidsed, no min	Oc	6/25/2011
1111154	7	628512	6981794	1192	Vuggy rusted qv , higly oxidised with tr py	Oc	6/25/2011
1111155	7	623268	6981957	1294	epidote and potassically altered QFP, tr py	Oc	6/25/2011

Sample ID	Zone	Easting	Northing	Altitude (m)	Sample Description	Sample Type	Date
1111156	7	623272	6982011	1298	QV with styolites of a dark dull magnesian mineral(?) and 3% ankerite	Fl	6/26/2011
1111157	7	623551	6983376	1070	vuggy rusted quartz vein, tr py	Fl	6/26/2011
1111158	7	628611	6982067	1202	Epidoisite boulder with potassic rounded xenoliths cm-mm scale	Fl	6/26/2011
1111159	7	626770	6981150	1223	Qv with 1% magnetite and trace of casiderite(?)	fl	6/28/2011
1111160	7	627466	6982464	1037	slightly oxidised gneiss with 2% py	fl	6/28/2011
1111161	7	627471	6982479	1035	Quartz eye rhy/OFP(?) with 1% py, bleached	SC	6/28/2011
1111162	7	627439	6982532	1029	Qv boulder with trace moly and py	fl	6/28/2011
1111163	7	627524	6982753	1015	potassically altered Rhy with quartz veinlets and tr py	sc	6/28/2011
1111164	7	627524	6982786	1013	vuggy, quartz eye rhyolite with tr py and 5% limonite	Sc	6/28/2011
1111165	7	627524	6982786	1013	vuggy, quartz eye rhyolite with no min, but pervassive oxidation	Sc	6/28/2011
1111166	7	627503	6982979	991	Amph hornfels, corse grained, no min	Sc	6/28/2011
1111167	7	627475	6983090	974	QFP with blebs of py 1-2%	Sc	6/28/2011
1111168	7	627465	6983188	951	QFP with coase (<3cm) euhedral py~ 1%, chlorite altered and occasionaly small (<2cm) xenoliths of gneiss	Sc	6/28/2011
1111169	7	627420	6982496	1034	QFP ~3% py and tr moly, quartz veinlets, slightly oxidised	sc	6/30/2011
1111170	7	627570	6982784	1023	Rhy with quartz veins carrying tr py	sc	6/30/2011
1111171	7	627058	6982845	886	Chloritised QFP, ~2% py blebs	rc	6/30/2011
1111172	7	627062	6982929	874	QFB Por 2% disseminated py	rc	6/30/2011
1111173	7	626839	6982815	976	Chloritised QFP, ~2% py blebs	rc	6/30/2011
1111174	7	621351	6982239	1219	QB Gneiss, chloritised, non mineralised with rusty feldspathic boudins	OC	7/1/2011
1111175	7	622170	6982012	1261	30cm quartz-chlorite vein, no sulphides	OC	7/1/2011
1111176	7	622170	6982012	1261	oxidised amph near qv(1111175), strong epidote flooding	OC	7/1/2011
1111177	7	622268	6981920	1252	Qv with tr moly	OC	7/1/2011
1111201	7	626051	6981320	1155	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111202	7	626041	6981303	1154	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111203	7	626038	6981298	1154	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111204	7	626019	6981279	1147	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111205	7	626016	6981274	1151	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111206	7	625991	6981234	1150	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111207	7	625993	6981228	1152	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111208	7	625987	6981220	1149	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111209	7	625950	6981188	1145	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111210	7	625930	6981175	1141	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111211	7	625953	6981164	1142	Moly RhyDac Zone – F. Gr w/ Diss & Fx Cont Mo, X-Cutting Qtz Veins, K-Pheric		6/16/2011
1111213	7	626120	6981276	1151	Intrusive BX (Amphibolite Metased Contact w/ Qtz Porphyry?) Mafic Groundmass		6/17/2011
1111214	7	626427	6980803	1185	F- Gr RhyDac (qtzite???) w/ diss pyr & wk epi		6/17/2011
1111215	7	626473	6980771	1177	F- Gr RhyDac (qtzite???) w/ wk diss pyr, hem, epi		6/17/2011
1111216	7	627109	6981217	1241	F-Gr Leached out RhyDac w/ DissPyr, Lim Blebs		6/17/2011
1111217	7	627067	6981276	1243	F-Gr Leached out RhyDac w/ Diss & Blebby Pyr, Lim Blebs		6/17/2011
1111219	7	626777	6981241	1217	K Spar Alt Rhy		6/21/2011
1111220	7	626780	6981269	1213	V. Silicious + Alt Metased. Mag, Late Stg Qtz Veins, Diss Pyr, Cpy?		6/21/2011
1111221	7	626735	6981645	1159	Qtz Ser Schist		6/21/2011
1111222	7	626762	6981617	1169	F-Gr Silicious Rhy w/ X Cutting Coarse Gr Qtz & Diss Pyr, Mo		6/21/2011
1111223	7	626739	6981730	1151	Quartz Sericite Pyrite Qtz Porph		6/21/2011
1111224	7	626739	6981732	1152	Pyritized Host w/ Lrg Qtz Vein		6/21/2011
1111225	7	626921	6982276	1057	QFP w/ diss pyr, cpy, lim (from pyr)		6/21/2011
1111226	7	626669	6982487	1048	Gneiss ? w/ Silicification		6/21/2011
1111227	7	626771	6982847	991	Wk Porph Rhyolite (QFP) w/ diss pyr, lim		6/21/2011
1111228	7	626536	6982886	1039	QFP (Dyke? Rhy?) w/ Qtz Eye porph (pheno) 320 trend		6/21/2011
1111229	7	625927	6982402	892	QFP w/ diss pyr, mo	FL	6/21/2011
1111230	7	625998	6982294	905	QFP w/ diss pyr, mo	FL	6/21/2011
1111231	7	626080	6982191	921	QMD w/ fx con't mo, diss pyr	FL	6/21/2011
1111232	7	626079	6982191	921	Silicous Qmd w/ tr mo	FL	6/21/2011
1111233	7	626012	6982271	907	Qfp w/ mo, FeOx,	FL	6/21/2011
1111234	7	626646	6981793	1122	Coarse Gr Qtz Porph w/ strg Fe Alt, Diss Pyr, Sil	RC	6/24/2011
1111235	7	626655	6981829	1117	QFP Float w/ diss pyr, cpy, mag (blocky & blebby), FeOx(lim)	FL	6/24/2011
1111236	7	626474	6981836	1071	Fe Alt Qporph w/ Strg FeOx, Vuggy Qtz Veins, Diss Pyr	RC	6/24/2011
1111237	7	626361	6981828	1027	Qtz-Ser Schist w/ X cutting Qtz, diss pyr, lim	SC	6/24/2011
1111238	7	626334	6981837	1010	Qtz-Ser Schist w/ X cutting Qtz, diss pyr, lim	SC	6/24/2011
1111239	7	626316	6981841	1000	Qtz Ser Schist, Pervasive Hem in Qtz Veins, Lim on Fx Faces	SC	6/24/2011
1111240	7	626231	6981762	1020	Cr Grain SubVol Rhy w/ diss pyr, Lt stg Qtz, Lim, Hem	RC	6/24/2011
1111241	7	626237	6981769	1015	Pervasive Hem QFP w/ Lim, Ank	RC	6/24/2011
1111242	7	626149	6981870	1000	Qtz Ser Schist. Strong Lim + Ank	RC	6/24/2011
1111243	7	623234	6982009	1305	QFP Dyke. 1-2mm Fspar Phenos, Epi Alt Gmass, Lim, Mag	SC	6/25/2011
1111247	7	623608	6983488	1067	Calcic Skarn?	OC	6/25/2011
1111248	7	625926	6982911	866	Rusty + Chlor Qtz Porph. 1-2% diss pyr, 1-4mm Qtz eye phenos, Mod Sil	SC	
1111249	7	625911	6982929	866	Qtz-Schist (Ser) Perv Fe Alt (Hem + Lim) Sil Alt'n. 5-7% diss pyr (MetaInt?)	SC	
1111250	7	625909	6982926	865	V. Silicious Qmd (Qporph) w/ up to 10% diss pyr	SC	

Sample ID	Zone	Easting	Northing	Altitude (m)	Sample Description	Sample Type	Date
1111251	7	625916	6982942	864	V. Silicious QFP, wk foliated, diss pyr pyrr (+ cpy/bor)	SC	
1111252	7	625943	6982938	860	V. Silicious QFP, wk foliated, diss pyr pyrr (+ cpy/bor)	SC	
1111301	7	625992	6981308	1146	Mica Schist... "met-sed" with oxidation	grab, RC	6/15/2011
1111302	7	626097	6981234	1155	QFP with pyrite	composite grab, RC	6/15/2011
1111303	7	626844	6981206	1230	"Rhyolite" with quartz veins and sulphides	composite grab, RC	6/15/2011
1111304	7	626650	6982371	1063	"Quartz Feldspar Amphibole" with disseminated pyrite	grab, RC	6/15/2011
1111305	7	626604	6981664	1125	oxidised sericite garnet schist with trace py	SC	6/18/2011
1111306	7	626656	6981714	1134	rusty quartz chlorite boulder with trace py, cpy	SC	6/18/2011
1111307	7	626660	6981722	1131	Quartz boulder with trace moly	SC	6/18/2011
1111308	7	626695	6981718	1140	QFP with coarse euhedral py and diss cpy, 5%. Potassic altertion present	sc	6/18/2011
1111309	7	626731	6981708	1153	QFP with coarse euhedral py and diss cpy, 5%. Potassic altertion present	OC	6/18/2011
1111310	7	626817	6981697	1164	heavily oxidised Quartz biotite gneiss with 15% py	SC	6/18/2011
1111311	7	626817	6981697	1164	heavily oxidised Quartz biotite gneiss with 10% py	OC	6/18/2011
1111312	7	626876	6981830	1150	oxidised quartz biotite gneiss, strong banding. 5% py and trace moly	OC	6/18/2011
1111313	7	626884	6981824	1149	oxidised quartz biotite gneiss with epidote alteration, quartz veinlets and 5% py	SC	6/18/2011
1111314	7	626894	6981796	1170	slightly chloritised QFP with 2% py	SC	6/18/2011
1111315	7	627031	6981709	1199	Quartz biotite gneiss with occasional quartz eye's. Fine grained disseminated py	SC	6/18/2011
1275003	7	628296	6971323	858	gniess with feldspar veins and qtz		8/24/2011
1275004	7	628200	6971309	835	gniess with feldspar veins and qtz		8/24/2011
1275005	7	628150	6971291	819	gniess with feldspar veins and qtz		8/24/2011
1275006	7	628102	6971271	805	gniess with feldspar veins and qtz		8/24/2011
1275007	7	628153	6971288	796	feldspar with qtz vein, 6" wide, py		8/24/2011
1275008	7	619716	6978817	955	rhyolite with qtz eyes		8/25/2011
1275009	7	619700	6978821	953	rhyolite with qtz eyes		8/25/2011
1275010	7	619788	6978856	956	qtz rubble pile, slight alt		8/25/2011
1275011	7	619829	6978788	958	rhyolite , trace py, epidote		8/25/2011
1275012	7	621724	6977862	635	granodiorite with feldspar and qtz		8/26/2011
1275013	7	622099	6977404	618	qtz boulder	FL	8/26/2011

Appendix IV - Soil Assay Certificates

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

www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 13, 2011
Report Date: July 19, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS VAN11002502.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 180

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	180	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	180	Dry at 60C			VAN
1DX2	180	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002502.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026571	Soil	0.8	29.3	4.7	73	<0.1	16.5	18.0	626	3.75	2.6	0.4	<0.5	2.4	34	0.2	0.2	<0.1	93	0.47	0.038
1026579	Soil	0.5	36.0	5.2	67	<0.1	18.4	13.5	538	2.74	5.3	0.9	10.0	2.5	53	0.2	0.4	<0.1	64	1.41	0.065
1026580	Soil	0.5	30.0	6.9	66	<0.1	19.6	12.4	386	2.74	5.5	1.4	2.2	3.5	46	0.2	0.4	0.1	59	1.14	0.068
1026581	Soil	0.6	25.2	7.1	66	<0.1	18.0	14.5	509	3.21	6.5	1.1	1.5	4.5	40	0.1	0.4	0.1	76	0.64	0.072
1026584	Soil	0.6	25.3	6.4	67	<0.1	17.3	14.5	540	3.18	6.5	1.1	<0.5	4.5	40	0.2	0.3	0.1	74	0.64	0.073
1026585	Soil	0.5	39.6	6.2	77	0.1	19.9	13.6	672	3.06	6.8	1.1	1.8	2.8	63	0.2	0.5	0.1	69	1.65	0.064
1026586	Soil	0.5	46.2	6.6	94	0.1	18.9	17.2	699	3.64	7.0	1.9	1.0	4.6	46	0.2	0.5	0.2	82	0.90	0.070
1026587	Soil	0.7	26.5	5.2	106	<0.1	18.2	20.4	738	4.44	6.9	0.7	<0.5	3.8	28	0.1	0.3	<0.1	104	0.46	0.090
1026588	Soil	0.9	43.4	7.3	123	<0.1	20.5	21.3	783	4.91	8.2	0.6	2.0	3.2	28	0.3	0.4	<0.1	111	0.44	0.074
1026589	Soil	0.9	22.0	6.6	70	<0.1	18.7	14.2	471	3.32	7.3	0.6	<0.5	3.3	27	<0.1	0.4	0.1	81	0.37	0.034
1026590	Soil	0.8	17.3	7.5	72	<0.1	19.0	13.5	496	3.09	6.7	0.6	1.0	2.5	24	0.1	0.4	0.2	70	0.28	0.036
1026592	Soil	1.0	17.7	5.1	73	<0.1	19.8	18.7	1104	3.73	5.3	0.4	1.5	3.0	27	<0.1	0.3	0.1	85	0.40	0.048
1021599	Soil	0.3	25.7	2.7	81	<0.1	9.5	19.9	700	4.09	1.4	0.3	<0.5	7.1	41	<0.1	0.2	<0.1	84	0.47	0.084
1021600	Soil	0.6	33.1	6.8	61	<0.1	9.7	10.8	406	3.06	5.9	0.3	<0.5	2.9	20	<0.1	0.3	<0.1	68	0.17	0.035
1027701	Soil	0.3	64.6	1.8	82	<0.1	10.7	23.9	772	4.49	1.8	0.2	<0.5	3.5	30	<0.1	0.1	<0.1	94	0.40	0.089
1021905	Soil	0.7	216.8	21.2	333	0.3	13.3	17.1	818	4.54	4.9	0.6	1.2	6.1	18	0.9	0.2	0.2	101	0.33	0.112
1021906	Soil	0.7	52.9	11.1	172	0.2	13.6	15.2	700	3.96	3.9	0.9	1.9	8.1	28	0.4	0.2	0.1	75	0.38	0.117
1021907	Soil	0.6	45.5	8.8	95	<0.1	16.1	14.0	435	3.47	5.1	0.8	1.6	6.1	30	0.1	0.3	0.1	74	0.42	0.115
1021908	Soil	0.6	32.8	12.8	89	<0.1	13.5	12.4	401	3.40	4.6	0.6	2.1	5.5	18	0.1	0.3	0.2	68	0.27	0.068
1021909	Soil	0.5	80.9	11.3	94	0.2	21.9	16.3	519	3.50	5.1	1.2	3.1	7.2	25	0.2	0.3	0.2	72	0.39	0.080
1021910	Soil	0.8	79.4	11.4	68	0.2	28.5	15.4	352	3.04	7.1	0.7	1.9	4.3	21	0.1	0.4	0.2	70	0.32	0.055
1021911	Soil	0.4	29.1	8.3	108	<0.1	11.9	17.1	755	4.05	2.1	0.7	1.1	8.5	19	0.1	0.3	<0.1	57	0.33	0.100
1021912	Soil	0.3	23.7	8.3	138	<0.1	12.7	18.7	1127	4.90	2.0	1.8	0.7	23.6	14	0.1	0.2	0.3	78	0.27	0.100
1021913	Soil	0.4	36.5	5.8	101	<0.1	18.5	20.2	736	4.54	3.8	0.8	1.4	5.3	30	0.1	0.2	<0.1	90	0.55	0.171
1021914	Soil	0.9	30.9	10.8	123	<0.1	18.0	20.2	1001	5.10	4.7	1.4	1.6	9.1	18	0.1	0.4	0.2	96	0.25	0.081
1021915	Soil	1.1	21.8	9.2	74	<0.1	19.4	13.1	475	4.01	9.5	0.6	1.9	5.0	22	0.1	0.4	0.2	84	0.25	0.042
1021916	Soil	0.8	32.7	9.7	78	<0.1	48.5	21.9	776	4.69	4.8	0.9	0.6	10.9	14	<0.1	0.2	0.1	88	0.23	0.089
1021917	Soil	1.0	21.1	8.1	63	<0.1	23.2	12.6	394	3.87	6.4	0.6	<0.5	6.1	18	<0.1	0.3	0.2	83	0.27	0.050
1021918	Soil	0.5	49.4	10.4	111	<0.1	29.1	19.7	640	4.41	4.0	0.7	2.6	6.8	20	<0.1	0.3	0.2	86	0.28	0.045
1021919	Soil	0.6	16.8	5.8	78	<0.1	18.2	15.9	608	4.35	4.2	0.8	1.3	7.2	17	<0.1	0.3	0.1	82	0.23	0.045

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

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002502.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026571	Soil	4	41	1.54	436	0.278	<1	2.24	0.020	1.03	<0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1026579	Soil	10	32	1.01	335	0.125	2	1.64	0.021	0.27	0.1	0.05	3.1	0.1	<0.05	5	<0.5	<0.2
1026580	Soil	14	31	0.82	348	0.106	2	1.63	0.023	0.22	0.1	0.04	3.9	<0.1	<0.05	5	0.5	<0.2
1026581	Soil	16	33	0.96	368	0.156	1	1.90	0.022	0.29	0.1	0.04	3.9	0.1	<0.05	6	0.6	<0.2
1026584	Soil	15	32	0.95	364	0.152	1	1.86	0.019	0.31	0.1	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1026585	Soil	13	31	0.93	411	0.127	2	1.67	0.023	0.26	0.1	0.04	3.7	0.1	<0.05	5	0.8	<0.2
1026586	Soil	18	33	1.08	399	0.199	1	1.95	0.022	0.59	0.1	0.07	4.3	0.2	<0.05	7	0.8	<0.2
1026587	Soil	10	33	1.62	287	0.253	1	2.46	0.018	0.97	0.2	0.02	3.6	0.3	<0.05	8	<0.5	<0.2
1026588	Soil	7	39	1.60	265	0.259	1	2.64	0.019	0.70	0.2	0.01	3.8	0.3	<0.05	9	<0.5	<0.2
1026589	Soil	10	37	1.03	241	0.193	1	1.88	0.016	0.47	0.1	<0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1026590	Soil	6	35	0.93	262	0.151	<1	1.77	0.012	0.40	0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1026592	Soil	8	45	1.44	458	0.190	1	2.09	0.012	0.55	0.1	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1021599	Soil	18	22	1.83	437	0.246	<1	2.61	0.013	1.16	<0.1	0.05	1.4	0.3	<0.05	7	<0.5	<0.2
1021600	Soil	6	22	1.01	295	0.174	<1	2.13	0.010	0.50	<0.1	0.03	1.8	0.2	<0.05	6	<0.5	<0.2
1027701	Soil	5	27	2.15	724	0.286	<1	2.74	0.015	1.54	<0.1	0.04	1.8	0.3	<0.05	7	<0.5	<0.2
1021905	Soil	14	22	1.45	313	0.288	<1	2.83	0.014	1.06	0.1	0.02	3.2	0.4	<0.05	10	<0.5	<0.2
1021906	Soil	23	22	1.21	281	0.236	<1	2.25	0.014	0.95	<0.1	0.01	3.1	0.4	<0.05	8	<0.5	<0.2
1021907	Soil	16	26	0.93	314	0.168	<1	2.03	0.016	0.39	0.1	0.02	3.8	0.2	<0.05	7	0.5	<0.2
1021908	Soil	10	23	0.78	173	0.164	<1	2.00	0.012	0.41	0.1	0.02	2.7	0.3	<0.05	7	<0.5	<0.2
1021909	Soil	22	37	0.98	254	0.170	<1	2.05	0.015	0.34	0.2	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1021910	Soil	12	41	0.78	218	0.114	1	2.04	0.015	0.08	0.1	0.04	4.2	0.1	<0.05	6	<0.5	<0.2
1021911	Soil	11	31	1.11	82	0.143	<1	1.98	0.011	0.32	0.1	0.01	2.3	0.2	<0.05	9	<0.5	<0.2
1021912	Soil	44	36	1.49	204	0.252	<1	2.57	0.012	1.23	0.1	0.02	5.1	0.6	<0.05	13	<0.5	<0.2
1021913	Soil	12	36	1.67	262	0.250	<1	2.54	0.015	0.82	0.1	0.02	2.9	0.3	<0.05	9	<0.5	<0.2
1021914	Soil	20	45	1.34	167	0.168	<1	2.47	0.012	0.58	0.1	0.01	5.3	0.3	<0.05	10	0.5	<0.2
1021915	Soil	10	42	0.81	155	0.111	2	2.35	0.013	0.08	0.1	0.03	4.2	0.1	<0.05	8	<0.5	<0.2
1021916	Soil	24	110	1.64	203	0.210	<1	3.05	0.012	0.46	0.1	<0.01	5.9	0.2	<0.05	12	<0.5	<0.2
1021917	Soil	13	50	1.00	202	0.194	1	2.30	0.013	0.18	0.1	0.01	4.1	0.2	<0.05	9	<0.5	<0.2
1021918	Soil	26	60	1.59	234	0.225	<1	2.94	0.012	0.33	0.1	0.01	3.2	0.2	<0.05	9	<0.5	<0.2
1021919	Soil	15	37	1.58	188	0.188	<1	2.78	0.012	0.52	0.1	<0.01	5.1	0.2	<0.05	9	<0.5	<0.2

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Client: **Ethos Capital Corp.**
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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002502.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021920	Soil		0.5	23.3	6.8	76	<0.1	18.4	14.6	482	3.71	4.0	0.7	3.2	5.5	20	<0.1	0.3	0.1	79	0.29	0.046
1021921	Soil		0.4	22.4	7.5	69	<0.1	19.0	12.6	408	3.36	4.3	0.8	4.6	5.4	22	<0.1	0.3	0.2	75	0.32	0.040
1021922	Soil		0.5	19.4	7.2	64	<0.1	18.0	12.0	421	2.99	5.2	0.8	1.6	5.2	24	<0.1	0.3	0.1	68	0.34	0.051
1021923	Soil		0.9	16.7	7.7	72	<0.1	15.7	11.4	374	3.31	6.2	0.6	2.3	3.3	20	0.3	0.3	0.2	81	0.27	0.054
1021924	Soil		0.8	13.3	7.1	66	<0.1	14.6	9.8	331	3.03	5.6	0.6	1.4	2.2	21	0.1	0.3	0.1	79	0.26	0.046
1021925	Soil		0.9	24.7	9.4	84	0.1	18.8	12.8	450	3.92	6.5	1.1	3.5	4.7	29	<0.1	0.3	0.2	96	0.38	0.062
1021926	Soil		0.8	12.5	7.9	65	<0.1	14.7	11.3	390	3.25	6.3	0.5	4.7	2.9	21	0.1	0.3	0.2	87	0.26	0.039
1021927	Soil		0.6	15.3	7.1	67	<0.1	14.9	12.2	393	3.17	6.0	0.8	4.0	4.1	23	<0.1	0.3	0.1	75	0.31	0.054
1021928	Soil		0.6	17.6	7.3	66	<0.1	15.4	9.9	285	2.82	4.7	0.8	1.5	2.3	25	0.1	0.3	0.1	70	0.31	0.037
1021929	Soil		0.6	16.5	7.1	59	0.1	14.5	9.5	265	2.69	4.7	0.9	2.0	2.8	24	0.2	0.2	0.1	63	0.28	0.048
1021930	Soil		0.7	19.4	6.8	64	0.1	14.7	10.4	301	2.94	4.7	1.0	1.5	3.2	26	0.2	0.3	0.1	68	0.37	0.054
1029952	Soil		0.8	20.7	7.9	52	<0.1	20.0	9.1	203	2.66	7.2	0.5	1.3	1.1	19	0.2	0.4	0.1	64	0.21	0.054
1029953	Soil		1.7	143.9	18.0	107	0.7	55.8	34.1	1042	5.90	13.5	1.8	2.9	2.3	44	0.6	0.5	0.3	117	0.43	0.114
1029963	Soil		2.5	21.8	14.6	54	<0.1	17.3	8.4	213	3.74	10.0	0.6	1.2	4.4	19	0.2	0.5	0.2	83	0.18	0.041
1029966	Soil		1.9	14.1	10.4	50	0.2	13.9	7.5	286	3.23	10.0	0.4	1.0	2.9	15	0.2	0.5	0.2	82	0.13	0.059
1029951	Soil		3.0	24.3	7.3	49	0.2	17.1	9.4	385	2.51	6.2	1.9	1.7	3.2	29	0.2	0.3	0.2	55	0.37	0.048
1029954	Soil		0.9	17.5	7.8	51	<0.1	16.1	8.0	226	2.38	7.9	0.5	2.7	0.9	18	0.2	0.4	0.2	61	0.19	0.043
1029955	Soil		1.3	37.1	10.1	63	<0.1	23.0	11.6	431	3.23	13.3	1.4	3.1	4.9	20	<0.1	0.6	0.2	68	0.20	0.066
1029956	Soil		1.0	34.6	6.5	61	<0.1	21.4	11.7	379	2.91	7.8	0.6	1.0	1.7	28	0.1	0.4	0.1	66	0.27	0.074
1029957	Soil		1.3	30.3	8.1	55	<0.1	20.5	11.9	351	3.10	9.5	0.6	2.5	2.6	18	0.1	0.4	0.2	72	0.17	0.051
1029958	Soil		1.3	19.3	8.3	49	<0.1	15.9	8.2	258	2.71	8.9	0.7	1.7	2.0	17	<0.1	0.4	0.2	69	0.19	0.047
1029959	Soil		1.2	33.6	8.7	58	<0.1	22.5	10.9	363	3.09	10.5	1.1	4.1	4.4	20	<0.1	0.5	0.2	64	0.20	0.049
1029960	Soil		1.1	43.8	7.0	69	<0.1	28.1	17.8	767	3.58	8.1	1.0	1.4	4.0	27	0.1	0.4	0.2	73	0.30	0.065
1029961	Soil		0.6	40.3	5.2	104	<0.1	29.4	20.5	669	3.82	4.3	0.7	1.1	2.9	25	<0.1	0.2	<0.1	87	0.32	0.056
1029962	Soil		1.0	18.0	11.4	38	<0.1	11.2	5.4	127	2.10	6.7	0.6	1.8	3.0	15	0.1	0.3	0.2	55	0.16	0.019
1029964	Soil		2.2	27.3	11.1	57	<0.1	20.1	10.3	273	3.98	11.7	0.6	1.2	5.0	16	0.2	0.5	0.2	86	0.16	0.032
1029965	Soil		1.8	21.6	9.8	51	0.1	17.0	8.5	262	2.81	9.2	0.6	2.0	4.0	14	0.1	0.5	0.2	68	0.14	0.033
1029968	Soil		0.9	21.1	8.7	52	0.1	20.3	9.3	253	2.95	9.3	0.6	5.5	4.7	15	0.1	0.5	0.2	68	0.16	0.027
1029970	Soil		1.4	20.3	8.6	57	0.1	21.5	10.0	299	3.17	11.0	0.6	1.5	4.0	16	0.2	0.5	0.2	73	0.16	0.034
1029980	Soil		2.6	20.2	7.3	51	<0.1	17.9	10.4	341	2.61	7.0	1.2	2.1	4.6	26	0.1	0.4	0.1	59	0.35	0.042

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002502.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021920	Soil	14	39	1.32	165	0.190	<1	2.24	0.015	0.38	0.1	0.02	4.2	0.2	<0.05	8	<0.5	<0.2
1021921	Soil	14	38	1.09	196	0.178	<1	2.18	0.014	0.29	0.1	0.02	4.3	0.2	<0.05	7	<0.5	<0.2
1021922	Soil	14	34	0.95	201	0.156	1	1.92	0.015	0.20	0.2	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1021923	Soil	9	32	0.91	194	0.176	1	2.13	0.011	0.24	0.1	0.03	2.9	0.1	<0.05	8	<0.5	<0.2
1021924	Soil	10	28	0.89	194	0.158	1	1.88	0.014	0.16	0.2	0.03	3.1	0.1	<0.05	8	<0.5	<0.2
1021925	Soil	13	36	1.22	308	0.192	1	2.77	0.018	0.32	0.1	0.04	5.3	0.2	<0.05	10	<0.5	<0.2
1021926	Soil	9	28	0.86	148	0.180	<1	1.97	0.012	0.16	0.1	0.03	3.0	0.1	<0.05	8	<0.5	<0.2
1021927	Soil	12	31	0.96	206	0.157	<1	1.96	0.015	0.20	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
1021928	Soil	10	32	0.83	203	0.141	1	1.83	0.015	0.13	<0.1	0.03	3.2	0.1	<0.05	8	0.5	<0.2
1021929	Soil	11	30	0.82	195	0.134	1	1.88	0.015	0.12	0.1	0.04	3.4	<0.1	<0.05	7	<0.5	<0.2
1021930	Soil	12	31	0.86	214	0.141	1	1.79	0.014	0.18	0.1	0.04	3.4	<0.1	<0.05	6	<0.5	<0.2
1029952	Soil	8	31	0.62	167	0.083	<1	2.00	0.011	0.07	0.1	0.04	2.5	<0.1	<0.05	6	<0.5	<0.2
1029953	Soil	16	80	1.19	673	0.127	1	4.43	0.018	0.20	0.1	0.09	7.7	0.2	<0.05	13	0.7	<0.2
1029963	Soil	13	32	0.58	204	0.091	<1	1.96	0.010	0.05	0.1	0.02	2.6	<0.1	<0.05	8	<0.5	<0.2
1029966	Soil	8	28	0.38	172	0.077	<1	1.57	0.009	0.06	0.2	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
1029951	Soil	14	29	0.51	382	0.060	1	1.67	0.011	0.06	0.2	0.06	3.3	<0.1	<0.05	5	<0.5	<0.2
1029954	Soil	8	26	0.54	170	0.070	2	1.44	0.008	0.05	0.1	0.02	1.9	<0.1	<0.05	6	<0.5	<0.2
1029955	Soil	19	41	0.59	253	0.062	1	2.13	0.013	0.06	0.2	0.08	6.1	0.1	0.05	6	0.7	<0.2
1029956	Soil	9	33	0.67	204	0.081	1	1.80	0.011	0.12	0.1	0.02	2.6	<0.1	<0.05	6	0.6	<0.2
1029957	Soil	9	32	0.66	187	0.087	1	1.97	0.009	0.11	0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1029958	Soil	10	30	0.57	162	0.077	<1	1.66	0.008	0.08	0.2	0.03	2.5	0.1	<0.05	7	<0.5	<0.2
1029959	Soil	16	36	0.63	233	0.074	1	2.27	0.009	0.08	0.2	0.04	4.4	0.1	<0.05	6	<0.5	<0.2
1029960	Soil	15	36	1.11	210	0.134	<1	2.52	0.010	0.31	0.1	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1029961	Soil	15	41	1.74	286	0.234	<1	2.88	0.010	0.76	0.1	0.02	2.5	0.2	<0.05	8	<0.5	<0.2
1029962	Soil	10	25	0.37	139	0.060	<1	1.59	0.007	0.05	0.1	0.04	2.2	<0.1	<0.05	6	<0.5	<0.2
1029964	Soil	11	38	0.69	157	0.102	<1	2.26	0.009	0.06	0.2	0.04	2.7	0.1	<0.05	8	<0.5	<0.2
1029965	Soil	10	30	0.50	148	0.081	1	1.80	0.009	0.06	0.2	0.04	2.4	0.1	<0.05	6	<0.5	<0.2
1029968	Soil	11	34	0.57	178	0.079	1	1.97	0.009	0.05	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1029970	Soil	10	31	0.61	194	0.083	<1	2.03	0.007	0.06	0.1	0.03	2.7	0.1	<0.05	7	<0.5	<0.2
1029980	Soil	14	28	0.58	365	0.090	<1	1.77	0.013	0.07	0.2	0.04	3.3	<0.1	<0.05	5	0.6	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026820	Soil	0.6	32.4	5.3	78	0.2	14.6	12.3	559	2.66	4.4	1.2	1.3	3.3	46	0.2	0.3	<0.1	56	1.01	0.069
1026822	Soil	0.9	41.1	6.7	96	0.2	15.7	13.5	699	3.31	6.9	1.7	4.7	5.3	47	0.2	0.5	<0.1	63	1.15	0.071
1026823	Soil	0.8	42.9	6.0	92	<0.1	17.9	17.4	633	4.02	7.6	0.8	2.6	3.5	26	<0.1	0.3	<0.1	85	0.49	0.056
1026826	Soil	1.0	15.6	5.5	61	<0.1	12.0	10.8	388	2.95	4.7	0.6	3.7	2.5	25	0.1	0.2	<0.1	70	0.43	0.042
1026824	Soil	0.5	27.9	4.5	61	<0.1	17.2	12.5	527	2.62	4.9	1.0	1.7	2.2	53	0.1	0.3	<0.1	56	1.28	0.049
1026825	Soil	0.4	25.7	6.1	62	<0.1	18.3	12.5	546	2.58	5.9	1.2	2.2	3.4	43	0.1	0.4	0.1	52	1.12	0.047
1026827	Soil	0.7	22.2	5.3	68	0.2	15.0	16.4	816	3.26	3.6	0.5	1.1	2.7	29	0.1	0.2	<0.1	87	0.39	0.042
1026828	Soil	0.8	22.2	5.2	63	<0.1	13.4	14.4	401	3.20	4.8	0.6	1.1	3.6	27	<0.1	0.2	0.1	74	0.42	0.041
1026829	Soil	0.8	18.0	5.2	55	<0.1	20.2	14.4	380	3.23	5.2	1.0	2.8	5.3	36	0.1	0.3	<0.1	75	0.65	0.058
1026837	Soil	0.6	28.6	5.5	69	<0.1	18.0	16.4	526	3.39	6.3	1.5	3.2	6.8	30	0.1	0.2	<0.1	79	0.49	0.046
1026839	Soil	0.5	29.7	6.3	62	0.1	16.5	12.0	476	2.74	5.5	1.0	1.8	3.4	37	0.2	0.4	<0.1	56	0.76	0.059
1026840	Soil	0.4	31.9	4.2	82	<0.1	12.4	12.5	619	2.85	5.2	1.5	3.9	3.6	51	0.2	0.4	<0.1	60	1.31	0.084
1027702	Soil	0.2	11.5	1.8	66	<0.1	8.9	21.4	749	4.11	2.4	0.2	<0.5	2.6	24	<0.1	0.2	<0.1	92	0.34	0.049
1027703	Soil	0.4	8.2	6.1	154	<0.1	14.4	26.7	1137	5.84	6.4	0.4	<0.5	5.8	38	<0.1	0.3	<0.1	149	0.34	0.048
1027704	Soil	0.3	42.1	5.1	109	<0.1	15.4	21.4	878	5.19	4.2	0.4	<0.5	4.3	30	<0.1	0.2	<0.1	126	0.22	0.031
1026821	Soil	0.7	25.2	7.0	77	0.1	19.8	14.2	559	3.21	6.7	0.6	2.6	4.3	21	<0.1	0.4	0.1	74	0.25	0.030
1026651	Soil	1.8	19.7	10.2	65	<0.1	19.9	10.0	397	3.17	10.8	2.5	1.2	10.1	25	0.1	0.5	0.2	71	0.25	0.021
1026652	Soil	2.0	14.1	9.5	60	<0.1	16.7	9.9	480	3.55	12.1	0.9	6.7	4.4	17	<0.1	0.5	0.2	76	0.19	0.057
1026654	Soil	1.8	24.3	8.9	64	<0.1	17.3	11.6	624	3.26	8.2	1.3	2.0	11.9	30	<0.1	0.5	0.1	66	0.37	0.035
1026655	Soil	1.6	15.8	7.7	52	<0.1	9.7	14.2	822	3.66	7.3	0.4	0.6	2.8	17	<0.1	0.4	0.1	93	0.16	0.030
1026656	Soil	0.4	16.0	8.3	100	<0.1	28.6	17.0	1035	4.45	2.8	1.2	1.2	10.3	24	<0.1	0.2	<0.1	115	0.41	0.040
1026657	Soil	1.1	29.7	8.8	63	<0.1	21.5	12.5	527	3.38	7.3	1.7	2.4	9.8	29	<0.1	0.4	0.1	77	0.34	0.049
1026658	Soil	1.2	21.8	9.7	63	<0.1	22.2	12.0	433	3.25	8.8	1.0	2.1	6.0	22	<0.1	0.5	0.2	76	0.22	0.023
1026659	Soil	1.4	22.8	10.3	61	<0.1	22.2	10.5	435	3.12	8.3	2.5	1.0	8.7	20	<0.1	0.5	0.2	68	0.22	0.032
1026660	Soil	0.8	15.0	13.0	59	<0.1	18.0	9.9	370	2.50	8.5	2.0	1.3	16.8	15	<0.1	0.6	0.2	46	0.14	0.016
1026683	Soil	0.5	18.5	7.6	65	<0.1	18.6	12.3	466	3.33	4.9	1.1	1.8	8.5	18	<0.1	0.3	<0.1	63	0.21	0.022
1026684	Soil	1.0	13.9	8.9	53	<0.1	16.6	9.7	276	3.35	9.1	0.4	1.9	3.0	20	<0.1	0.5	0.1	75	0.20	0.029
1026685	Soil	0.6	58.9	8.8	82	<0.1	56.2	20.6	663	4.03	2.1	0.5	<0.5	4.1	25	<0.1	0.2	0.1	63	0.26	0.036
1026686	Soil	0.9	14.4	10.3	62	<0.1	18.3	11.0	363	3.50	8.1	0.5	0.7	3.8	23	<0.1	0.4	0.2	82	0.27	0.038
1026687	Soil	0.7	22.4	7.4	59	<0.1	20.0	10.9	336	2.90	6.3	0.6	0.6	5.5	20	<0.1	0.4	0.1	64	0.20	0.020

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002502.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026820	Soil	18	23	0.86	246	0.103	2	1.45	0.015	0.36	0.2	0.10	2.9	0.2	<0.05	5	0.5	<0.2
1026822	Soil	29	23	0.92	268	0.132	2	1.64	0.020	0.49	0.1	0.09	3.4	0.2	<0.05	6	0.7	<0.2
1026823	Soil	11	33	1.35	335	0.200	1	2.12	0.014	0.67	0.1	0.03	3.1	0.2	<0.05	7	<0.5	<0.2
1026826	Soil	11	24	0.87	285	0.132	2	1.63	0.014	0.23	0.1	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1026824	Soil	9	26	0.92	277	0.100	2	1.47	0.015	0.23	0.1	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1026825	Soil	13	27	0.70	333	0.068	1	1.37	0.016	0.11	0.1	0.04	3.8	<0.1	<0.05	4	0.6	<0.2
1026827	Soil	13	31	1.08	386	0.192	<1	1.83	0.015	0.39	<0.1	0.02	2.0	0.2	<0.05	7	<0.5	<0.2
1026828	Soil	12	28	1.16	346	0.171	<1	1.90	0.013	0.43	0.1	0.02	2.2	0.2	<0.05	7	<0.5	<0.2
1026829	Soil	17	51	1.28	242	0.115	<1	1.86	0.016	0.15	0.1	0.02	3.1	0.1	<0.05	7	<0.5	<0.2
1026837	Soil	25	31	1.17	337	0.168	<1	1.99	0.016	0.27	0.1	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1026839	Soil	16	25	0.74	313	0.106	1	1.41	0.015	0.29	0.2	0.06	3.0	0.1	<0.05	5	0.5	<0.2
1026840	Soil	17	20	0.94	296	0.124	2	1.51	0.016	0.45	0.2	0.09	2.7	0.2	0.05	5	<0.5	<0.2
1027702	Soil	9	20	2.03	468	0.284	<1	2.71	0.012	1.32	<0.1	0.02	1.4	0.3	<0.05	6	<0.5	<0.2
1027703	Soil	5	36	2.21	279	0.316	<1	3.30	0.012	0.75	<0.1	0.03	4.7	0.2	<0.05	11	<0.5	<0.2
1027704	Soil	5	36	2.04	289	0.286	<1	3.37	0.013	0.89	<0.1	0.02	4.1	0.2	<0.05	10	<0.5	<0.2
1026821	Soil	10	34	1.09	209	0.170	3	1.85	0.014	0.54	0.2	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1026651	Soil	23	35	0.65	282	0.084	<1	2.14	0.013	0.08	0.2	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1026652	Soil	15	29	0.65	165	0.081	1	1.98	0.008	0.11	0.2	0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1026654	Soil	23	28	0.86	279	0.085	1	1.99	0.014	0.13	0.2	0.04	5.6	0.1	<0.05	6	<0.5	<0.2
1026655	Soil	7	19	0.80	245	0.150	<1	2.17	0.010	0.26	0.1	0.01	1.9	0.1	<0.05	8	<0.5	<0.2
1026656	Soil	22	81	1.56	275	0.019	1	2.90	0.012	0.06	<0.1	0.02	14.8	<0.1	<0.05	10	<0.5	<0.2
1026657	Soil	19	34	0.85	285	0.076	<1	2.36	0.015	0.15	0.1	0.02	6.0	0.1	<0.05	6	<0.5	<0.2
1026658	Soil	17	39	0.69	225	0.103	<1	2.33	0.017	0.08	0.5	0.03	5.7	<0.1	<0.05	7	<0.5	<0.2
1026659	Soil	29	37	0.65	247	0.092	3	2.13	0.011	0.09	0.2	0.03	6.8	0.2	<0.05	6	<0.5	<0.2
1026660	Soil	33	26	0.44	131	0.049	2	1.98	0.010	0.05	0.2	0.01	3.1	0.1	<0.05	5	<0.5	<0.2
1026683	Soil	20	27	0.84	217	0.030	<1	2.38	0.012	0.08	<0.1	0.02	5.7	<0.1	<0.05	6	<0.5	<0.2
1026684	Soil	9	28	0.59	163	0.068	<1	2.14	0.013	0.05	0.1	0.03	2.6	<0.1	<0.05	7	<0.5	<0.2
1026685	Soil	7	93	1.99	194	0.017	<1	3.22	0.008	0.18	<0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1026686	Soil	10	34	0.62	224	0.084	<1	2.48	0.014	0.08	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1026687	Soil	12	32	0.73	179	0.101	<1	2.18	0.014	0.10	0.1	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002502.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026501	Soil		0.7	32.7	8.1	79	0.2	16.1	12.6	438	3.54	4.4	0.9	2.0	3.7	37	0.1	0.3	0.1	80	0.60	0.042
1026503	Soil		0.9	33.2	9.9	66	0.3	17.8	11.2	344	3.26	6.5	0.9	6.8	3.6	27	0.1	0.3	0.1	73	0.29	0.037
1026505	Soil		0.4	12.7	3.7	123	<0.1	13.5	29.2	1232	7.04	4.0	0.7	27.4	5.9	21	<0.1	0.2	<0.1	177	0.35	0.062
1026506	Soil		0.5	12.4	3.5	124	<0.1	13.8	28.2	1187	6.93	3.9	0.8	1.0	6.0	21	0.1	0.2	<0.1	176	0.34	0.065
1026507	Soil		0.6	26.5	11.7	129	<0.1	14.4	19.0	891	4.27	3.5	0.4	<0.5	1.5	43	0.2	0.3	<0.1	88	0.72	0.072
1026508	Soil		0.7	19.3	7.4	103	<0.1	29.3	17.8	524	4.10	4.6	0.4	1.8	2.8	35	0.1	0.3	0.1	85	0.42	0.102
1026509	Soil		0.7	56.7	7.0	80	<0.1	21.5	13.8	369	3.73	6.0	0.4	2.4	2.6	35	<0.1	0.3	<0.1	97	0.37	0.037
1026510	Soil		1.6	52.3	8.0	67	<0.1	13.1	9.1	350	4.21	6.3	1.0	1.8	4.6	47	0.1	0.3	0.2	77	0.29	0.084
1026511	Soil		0.2	85.8	1.8	135	<0.1	6.4	30.7	677	6.97	2.4	0.6	3.0	2.8	22	<0.1	<0.1	<0.1	222	0.56	0.135
1026512	Soil		0.4	52.8	3.9	83	0.1	8.8	18.9	623	4.75	114.7	0.4	4.2	0.8	30	<0.1	0.3	<0.1	162	0.73	0.054
1026513	Soil		0.5	59.7	4.5	114	<0.1	12.0	16.7	702	5.65	4.8	0.7	4.1	3.4	38	<0.1	0.2	<0.1	103	0.77	0.068
1026514	Soil		0.5	58.9	4.2	79	<0.1	23.5	18.9	458	3.89	3.6	0.3	3.1	1.8	25	<0.1	0.2	<0.1	104	0.59	0.049
1026515	Soil		0.4	32.8	4.0	81	<0.1	15.4	13.8	408	3.69	3.4	0.4	2.0	2.6	16	<0.1	0.2	<0.1	75	0.35	0.063
1026516	Soil		0.4	64.8	3.3	109	<0.1	40.2	23.4	710	6.26	4.3	0.8	1.0	4.2	24	<0.1	0.1	<0.1	181	0.62	0.128
1026517	Soil		0.5	66.9	5.8	98	0.2	26.4	22.4	586	4.78	5.8	0.4	1.6	1.8	26	<0.1	0.2	<0.1	144	0.65	0.053
1026518	Soil		1.0	73.4	10.2	120	0.2	21.8	21.4	630	3.69	6.7	0.4	0.8	1.7	30	0.2	0.3	<0.1	89	0.65	0.041
1026688	Soil		0.7	19.7	11.8	61	<0.1	24.0	10.6	343	2.86	7.5	0.7	3.8	6.5	26	<0.1	0.3	0.2	63	0.30	0.043
1026689	Soil		0.2	6.8	10.1	57	<0.1	2.4	4.1	369	2.34	0.7	1.3	2.5	23.5	22	<0.1	0.3	0.1	19	0.20	0.009
1026690	Soil		0.5	23.7	13.7	74	<0.1	24.0	11.5	1032	3.53	0.9	1.2	1.8	26.3	21	<0.1	0.2	0.4	44	0.30	0.032
1026691	Soil		0.4	16.4	5.9	101	<0.1	5.7	15.9	886	3.94	1.4	0.4	1.4	4.2	30	<0.1	0.1	0.1	89	0.48	0.065
1026692	Soil		0.4	14.7	5.0	102	<0.1	5.4	16.8	865	3.96	1.2	0.4	1.5	4.0	28	<0.1	0.1	0.1	90	0.49	0.079
1026693	Soil		0.9	41.6	16.0	115	<0.1	11.0	14.1	637	4.62	6.1	0.8	2.1	6.2	22	<0.1	0.4	1.2	84	0.23	0.027
1026694	Soil		1.2	38.1	12.2	73	<0.1	8.3	11.3	541	4.36	7.0	1.3	1.0	7.7	22	<0.1	0.6	0.4	82	0.22	0.037
1026937	Soil		0.7	28.0	6.4	66	<0.1	18.8	16.1	644	3.32	5.8	1.0	9.8	4.1	33	<0.1	0.3	0.2	70	0.56	0.047
1027705	Soil		0.7	14.8	8.5	77	<0.1	14.2	22.2	820	4.34	3.9	0.7	1.3	5.9	27	<0.1	0.3	<0.1	71	0.30	0.030
1027706	Soil		1.2	17.0	9.1	63	<0.1	20.5	10.9	367	3.64	11.1	0.4	1.7	3.1	16	<0.1	0.6	0.2	82	0.17	0.050
1027707	Soil		1.7	28.8	5.2	74	<0.1	14.3	18.3	680	4.28	5.3	0.4	1.6	4.4	23	<0.1	0.2	<0.1	93	0.28	0.077
1027708	Soil		0.7	16.1	5.5	73	<0.1	15.6	18.3	627	4.41	7.8	0.4	0.6	3.7	22	<0.1	0.4	<0.1	101	0.25	0.062
1027709	Soil		1.1	13.6	7.6	64	0.1	15.5	12.1	399	3.50	8.2	0.4	1.3	3.0	24	<0.1	0.4	0.1	82	0.24	0.045
1027710	Soil		0.7	24.9	9.9	53	<0.1	17.6	11.8	509	3.11	8.7	1.9	2.1	10.6	25	<0.1	0.4	0.2	68	0.27	0.035

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002502.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026501	Soil		15	31	0.97	333	0.196	1	2.33	0.024	0.17	0.1	0.04	3.6	<0.1	<0.05	8	<0.5	<0.2
1026503	Soil		18	33	0.65	294	0.107	<1	2.37	0.016	0.08	0.1	0.04	3.4	<0.1	<0.05	8	<0.5	<0.2
1026505	Soil		11	34	2.79	493	0.254	<1	4.31	0.015	1.15	<0.1	0.03	13.3	0.2	<0.05	15	<0.5	<0.2
1026506	Soil		11	34	3.06	500	0.266	<1	4.43	0.016	1.25	<0.1	0.01	13.6	0.3	<0.05	16	<0.5	<0.2
1026507	Soil		5	24	1.43	214	0.127	2	2.72	0.013	0.11	0.2	0.04	3.9	<0.1	<0.05	8	<0.5	<0.2
1026508	Soil		8	56	1.20	390	0.200	<1	2.61	0.018	0.17	0.1	0.02	3.0	0.1	<0.05	9	<0.5	<0.2
1026509	Soil		7	31	1.35	276	0.214	<1	2.44	0.023	0.43	<0.1	0.01	4.2	0.2	<0.05	7	<0.5	<0.2
1026510	Soil		18	22	0.85	277	0.115	<1	2.42	0.014	0.20	<0.1	0.03	5.1	<0.1	0.07	8	1.0	<0.2
1026511	Soil		8	7	2.22	475	0.313	<1	3.23	0.023	1.31	<0.1	0.02	12.7	0.3	<0.05	15	<0.5	<0.2
1026512	Soil		3	13	0.85	390	0.173	2	2.48	0.039	0.13	<0.1	0.02	10.9	<0.1	<0.05	8	<0.5	<0.2
1026513	Soil		10	18	1.39	246	0.221	1	3.35	0.038	0.36	<0.1	0.02	9.3	<0.1	<0.05	14	0.5	<0.2
1026514	Soil		6	42	1.24	233	0.140	<1	2.28	0.040	0.10	<0.1	0.02	5.6	<0.1	<0.05	8	<0.5	<0.2
1026515	Soil		7	32	1.31	332	0.139	<1	1.87	0.016	0.48	<0.1	<0.01	9.1	0.1	<0.05	8	<0.5	<0.2
1026516	Soil		10	97	2.98	1096	0.298	<1	3.81	0.021	1.38	<0.1	0.02	17.3	0.3	<0.05	15	<0.5	<0.2
1026517	Soil		6	48	1.70	647	0.277	1	2.82	0.037	0.58	<0.1	0.10	7.7	0.1	<0.05	10	<0.5	<0.2
1026518	Soil		5	30	0.93	311	0.151	<1	2.10	0.035	0.17	<0.1	0.15	6.4	<0.1	<0.05	7	<0.5	<0.2
1026688	Soil		15	37	0.65	211	0.086	1	2.23	0.013	0.07	0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
1026689	Soil		54	5	0.35	169	0.007	<1	1.78	0.008	0.14	<0.1	0.02	4.4	0.2	<0.05	5	<0.5	<0.2
1026690	Soil		54	30	0.91	429	0.035	<1	2.01	0.008	0.43	0.1	0.01	6.2	0.3	<0.05	6	<0.5	<0.2
1026691	Soil		32	12	1.59	324	0.218	<1	2.81	0.009	0.63	0.1	<0.01	1.4	0.3	<0.05	7	<0.5	<0.2
1026692	Soil		37	12	1.61	297	0.240	<1	2.90	0.008	0.60	0.1	<0.01	1.2	0.3	<0.05	7	<0.5	<0.2
1026693	Soil		11	21	1.25	189	0.164	1	2.85	0.008	0.40	0.2	0.01	2.3	0.2	<0.05	8	<0.5	<0.2
1026694	Soil		9	18	0.85	141	0.043	<1	2.35	0.008	0.17	0.2	0.02	4.7	0.1	<0.05	8	<0.5	<0.2
1026937	Soil		15	30	1.04	391	0.130	2	1.87	0.014	0.27	0.1	0.04	3.3	0.1	0.05	6	0.6	<0.2
1027705	Soil		9	30	1.63	238	0.032	<1	2.63	0.006	0.10	<0.1	<0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
1027706	Soil		8	44	0.70	164	0.074	<1	2.05	0.008	0.06	0.1	0.03	3.0	<0.1	<0.05	7	<0.5	<0.2
1027707	Soil		8	29	1.53	174	0.238	<1	2.53	0.009	0.54	<0.1	0.02	2.3	0.2	<0.05	8	0.6	<0.2
1027708	Soil		8	30	1.40	281	0.215	<1	2.61	0.010	0.54	<0.1	0.02	2.8	0.2	<0.05	7	<0.5	<0.2
1027709	Soil		7	31	0.88	192	0.167	<1	1.91	0.009	0.25	0.1	0.02	2.1	<0.1	<0.05	7	<0.5	<0.2
1027710	Soil		25	36	0.68	389	0.075	1	1.84	0.011	0.06	<0.1	0.08	5.4	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002502.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1027711	Soil		0.6	42.3	8.0	52	<0.1	28.7	12.2	475	2.82	10.0	0.6	3.7	4.3	39	<0.1	0.6	0.2	64	0.51	0.040
1027712	Soil		1.0	21.8	6.8	60	<0.1	16.9	13.5	388	3.47	7.1	0.4	1.4	2.3	28	<0.1	0.5	0.1	77	0.37	0.033
1027713	Soil		0.7	34.7	8.4	65	<0.1	20.7	14.6	414	3.29	6.8	1.2	1.6	3.7	34	0.1	0.5	0.1	71	0.52	0.038
1027714	Soil		0.6	25.1	6.1	68	<0.1	20.6	15.7	446	3.46	8.2	0.8	2.9	3.5	36	<0.1	0.4	0.1	73	0.51	0.048
1027715	Soil		0.8	46.7	4.1	94	<0.1	32.2	28.8	794	4.90	3.9	0.6	1.4	2.5	35	<0.1	0.3	<0.1	90	0.54	0.079
1027716	Soil		0.4	40.0	2.9	96	<0.1	23.2	33.8	875	5.70	3.3	0.4	1.6	2.4	33	<0.1	0.2	<0.1	101	0.57	0.089
1027717	Soil		0.8	65.9	6.2	77	<0.1	25.3	20.6	609	4.28	6.0	0.8	2.0	3.7	33	<0.1	0.4	<0.1	79	0.53	0.054
1027718	Soil		0.6	48.7	7.8	67	0.1	23.3	15.8	743	3.34	5.4	1.0	1.0	2.8	43	0.2	0.4	0.1	74	0.88	0.044
1027719	Soil		0.7	43.3	6.7	78	0.1	27.4	18.6	809	3.80	7.2	0.8	3.0	4.4	33	<0.1	0.3	0.1	79	0.62	0.058
1027723	Soil		0.2	24.8	2.3	86	<0.1	12.1	24.7	783	4.55	1.6	0.2	<0.5	5.1	27	<0.1	<0.1	<0.1	96	0.29	0.082
1027724	Soil		0.2	16.2	1.6	85	<0.1	9.7	20.7	677	4.05	2.3	0.2	1.3	6.4	23	<0.1	0.2	<0.1	86	0.27	0.054
1027725	Soil		0.3	11.6	2.5	90	<0.1	11.4	24.6	715	4.81	2.9	0.2	<0.5	2.8	31	<0.1	0.1	<0.1	105	0.25	0.053
1027726	Soil		0.4	60.3	3.6	80	<0.1	16.2	20.9	527	4.42	5.4	0.2	<0.5	1.5	38	<0.1	0.4	<0.1	104	0.32	0.042
1027727	Soil		0.8	21.7	7.0	79	<0.1	21.4	18.7	500	4.25	9.2	0.3	0.8	1.4	24	<0.1	0.4	0.1	102	0.23	0.035
1027728	Soil		0.5	36.5	3.2	68	<0.1	17.2	21.5	516	3.97	3.9	0.2	0.6	1.2	32	<0.1	0.2	<0.1	95	0.37	0.051
1027729	Soil		0.5	27.5	6.3	113	<0.1	19.7	23.4	756	4.89	5.5	0.2	<0.5	1.5	25	<0.1	0.3	<0.1	106	0.30	0.030
1027730	Soil		0.4	31.1	4.7	103	<0.1	18.4	25.0	835	4.89	4.9	0.3	<0.5	2.6	42	<0.1	0.4	<0.1	97	0.56	0.062
1027731	Soil		0.2	65.9	4.9	100	<0.1	17.6	27.1	937	5.37	5.4	0.3	<0.5	2.3	32	<0.1	0.2	0.1	129	0.44	0.059
1027732	Soil		0.7	30.8	6.6	117	<0.1	19.3	25.0	972	5.00	6.3	0.3	1.1	2.7	39	<0.1	0.4	<0.1	100	0.48	0.038
1027733	Soil		0.2	20.1	5.2	57	<0.1	12.8	19.3	871	3.95	3.5	1.0	2.7	6.0	27	<0.1	0.2	<0.1	61	2.04	0.067
1027734	Soil		0.3	16.9	5.5	58	<0.1	12.7	19.1	867	3.96	3.4	1.0	2.4	6.2	26	<0.1	0.2	<0.1	68	2.22	0.068
1029971	Soil		1.4	20.9	8.0	54	0.2	19.6	9.5	409	2.88	8.0	0.6	2.0	3.0	21	0.2	0.4	0.2	66	0.20	0.061
1029972	Soil		1.6	23.6	7.2	56	0.2	20.0	9.2	312	2.81	7.6	0.9	1.9	5.8	21	0.1	0.5	0.2	60	0.24	0.039
1029973	Soil		5.9	23.3	7.2	54	0.1	19.0	11.2	495	2.55	6.6	1.1	0.9	4.7	25	0.2	0.4	0.2	53	0.30	0.054
1029974	Soil		3.3	22.9	7.3	50	0.2	18.9	8.6	291	2.61	7.2	1.1	1.1	4.2	24	0.1	0.4	0.2	55	0.27	0.048
1029975	Soil		1.9	23.5	6.8	54	0.2	18.5	9.5	358	2.73	6.9	0.9	1.2	5.2	23	0.2	0.5	0.2	54	0.28	0.049
1029976	Soil		3.1	27.4	7.2	56	<0.1	19.4	11.2	403	2.85	8.4	1.7	0.7	5.8	30	0.1	0.5	0.2	58	0.35	0.046
1029977	Soil		4.4	18.4	7.7	51	0.1	16.8	10.6	496	2.69	8.0	0.8	2.0	3.3	21	0.2	0.4	0.2	61	0.26	0.052
1029978	Soil		4.3	19.1	7.5	47	0.1	15.2	11.2	518	2.66	7.7	0.9	1.0	3.4	22	0.2	0.4	0.2	60	0.26	0.051
1029979	Soil		2.9	27.1	5.7	48	<0.1	17.0	9.5	428	2.47	6.1	1.6	1.8	3.7	25	0.1	0.3	0.1	50	0.43	0.055

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Project: PED
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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1027711	Soil		17	36	0.64	324	0.084	1	1.48	0.018	0.07	0.1	0.04	5.5	<0.1	<0.05	5	<0.5	<0.2
1027712	Soil		7	33	0.95	250	0.087	1	1.92	0.009	0.10	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1027713	Soil		13	33	0.94	314	0.063	2	2.00	0.012	0.08	0.2	0.03	4.6	<0.1	<0.05	6	0.5	<0.2
1027714	Soil		11	35	1.14	188	0.093	2	1.83	0.014	0.06	0.2	0.03	4.5	<0.1	<0.05	6	0.6	<0.2
1027715	Soil		8	57	2.59	184	0.176	<1	2.69	0.010	0.18	0.2	0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1027716	Soil		4	35	2.92	292	0.222	<1	3.11	0.012	0.44	<0.1	0.02	2.8	<0.1	<0.05	8	<0.5	<0.2
1027717	Soil		12	40	1.44	385	0.048	1	2.33	0.012	0.14	0.2	0.05	9.2	<0.1	<0.05	7	0.8	<0.2
1027718	Soil		13	47	0.99	359	0.125	1	1.75	0.016	0.16	0.1	0.05	4.3	<0.1	<0.05	6	<0.5	<0.2
1027719	Soil		13	47	1.34	238	0.157	2	2.12	0.014	0.31	0.2	0.06	5.0	0.1	<0.05	6	<0.5	<0.2
1027723	Soil		9	29	2.01	391	0.309	<1	2.98	0.013	1.62	<0.1	<0.01	0.9	0.4	<0.05	8	<0.5	<0.2
1027724	Soil		13	20	1.77	428	0.273	<1	2.51	0.012	1.55	<0.1	0.03	1.1	0.4	<0.05	7	<0.5	<0.2
1027725	Soil		4	25	2.12	650	0.313	<1	3.06	0.014	1.61	<0.1	0.02	1.2	0.3	<0.05	8	<0.5	<0.2
1027726	Soil		3	43	1.78	469	0.269	<1	2.65	0.015	0.95	<0.1	0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1027727	Soil		4	49	1.51	368	0.237	<1	2.77	0.010	0.36	0.1	0.02	2.5	0.1	<0.05	8	<0.5	<0.2
1027728	Soil		2	36	1.94	412	0.295	<1	2.77	0.014	0.53	<0.1	<0.01	1.5	0.1	<0.05	7	<0.5	<0.2
1027729	Soil		2	33	1.85	329	0.270	<1	3.14	0.009	0.58	<0.1	0.02	2.0	0.3	<0.05	9	<0.5	<0.2
1027730	Soil		4	45	2.03	227	0.241	<1	2.78	0.009	0.59	0.1	0.01	2.1	0.1	<0.05	8	<0.5	<0.2
1027731	Soil		7	37	2.39	545	0.339	<1	3.19	0.015	1.21	<0.1	<0.01	3.8	0.3	<0.05	9	<0.5	<0.2
1027732	Soil		5	38	1.90	272	0.266	<1	3.02	0.008	0.61	0.1	0.01	2.2	0.2	<0.05	9	<0.5	<0.2
1027733	Soil		15	17	0.50	595	0.002	2	1.57	0.004	0.16	<0.1	0.03	10.4	<0.1	<0.05	4	<0.5	<0.2
1027734	Soil		14	18	0.50	579	0.002	2	1.48	0.004	0.15	<0.1	0.03	10.7	<0.1	<0.05	4	<0.5	<0.2
1029971	Soil		10	27	0.56	250	0.092	<1	1.68	0.010	0.09	0.2	0.03	2.5	<0.1	<0.05	6	<0.5	<0.2
1029972	Soil		13	30	0.64	232	0.098	1	1.78	0.013	0.07	0.2	0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1029973	Soil		13	29	0.57	284	0.085	1	1.61	0.014	0.08	0.2	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1029974	Soil		12	27	0.57	279	0.083	1	1.67	0.012	0.08	0.2	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1029975	Soil		13	27	0.62	265	0.096	1	1.66	0.013	0.07	0.2	0.03	2.8	<0.1	<0.05	5	0.6	<0.2
1029976	Soil		16	29	0.63	352	0.099	<1	1.73	0.017	0.06	0.2	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1029977	Soil		11	26	0.53	269	0.092	1	1.63	0.013	0.08	0.2	0.02	2.7	<0.1	<0.05	6	0.5	<0.2
1029978	Soil		12	25	0.50	272	0.099	<1	1.46	0.012	0.10	0.2	0.02	2.7	<0.1	<0.05	6	0.7	<0.2
1029979	Soil		13	23	0.56	303	0.094	1	1.56	0.014	0.15	0.2	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029981	Soil		3.1	23.8	6.9	52	<0.1	18.2	10.4	392	2.68	6.8	1.6	1.6	4.3	29	0.1	0.4	0.2	58	0.39	0.044
1029982	Soil		1.2	45.1	9.5	54	0.2	23.1	8.4	135	3.03	7.7	1.0	1.0	0.2	26	0.3	0.4	0.2	58	0.22	0.077
1009791	Soil		1.2	17.2	5.9	49	<0.1	15.0	9.3	285	2.68	7.0	0.8	2.7	3.9	25	<0.1	0.3	0.2	59	0.32	0.039
1009792	Soil		1.3	18.7	6.9	52	<0.1	16.1	9.4	293	2.79	6.9	0.9	14.4	4.3	27	<0.1	0.3	0.2	57	0.32	0.041
1009793	Soil		1.8	21.5	7.2	53	0.1	17.1	8.9	288	2.60	7.4	1.0	2.6	4.2	31	0.1	0.3	0.2	59	0.38	0.043
1009794	Soil		2.0	16.1	7.0	51	<0.1	16.3	8.8	314	2.68	7.8	0.8	2.4	4.1	28	<0.1	0.4	0.1	61	0.36	0.040
1030751	Soil		0.5	48.1	25.0	157	<0.1	18.3	25.6	1044	5.16	4.1	0.5	0.7	6.0	54	0.1	0.3	0.2	93	0.71	0.123
1030752	Soil		0.6	10.4	5.3	88	<0.1	16.1	18.9	873	4.70	4.9	0.7	<0.5	6.0	32	<0.1	0.3	<0.1	103	0.47	0.043
1030753	Soil		0.7	14.7	5.7	94	<0.1	19.1	16.1	824	3.83	6.3	0.9	0.7	7.1	29	0.1	0.4	0.1	84	0.37	0.082
1030754	Soil		0.7	20.0	95.7	90	<0.1	19.6	16.4	587	3.92	8.2	0.6	<0.5	8.2	54	<0.1	0.5	0.2	74	0.53	0.089
1030755	Soil		0.6	10.8	5.4	143	<0.1	16.1	21.0	1177	4.46	4.1	0.4	0.8	7.0	39	0.2	0.3	<0.1	81	0.65	0.107
1030756	Soil		0.7	17.1	27.0	95	<0.1	16.3	14.5	923	4.63	6.7	2.2	<0.5	12.7	20	<0.1	0.5	<0.1	80	0.31	0.056
1030757	Soil		1.0	29.2	4.5	119	<0.1	11.9	19.5	867	4.50	2.5	0.5	<0.5	7.1	27	<0.1	0.2	<0.1	83	0.37	0.082
1030758	Soil		0.7	7.5	5.4	130	<0.1	11.9	13.3	1058	3.50	2.3	0.6	<0.5	5.6	26	0.2	0.3	<0.1	65	0.36	0.084
1030759	Soil		0.4	12.8	3.5	96	<0.1	14.9	20.3	694	4.14	2.9	0.5	<0.5	6.5	27	<0.1	0.2	<0.1	84	0.38	0.069
1030760	Soil		0.6	20.6	7.0	80	<0.1	17.2	15.4	547	3.82	8.2	0.7	<0.5	8.2	31	<0.1	0.5	<0.1	81	0.31	0.049
1030761	Soil		0.5	12.8	5.7	114	<0.1	16.3	17.6	737	3.67	4.2	0.5	2.9	5.9	36	0.1	0.3	0.2	72	0.41	0.069
1030762	Soil		0.4	36.2	6.5	80	<0.1	13.2	17.5	684	4.23	4.9	1.6	<0.5	16.4	39	<0.1	0.2	0.1	101	0.59	0.106
1030763	Soil		0.5	19.8	6.8	98	<0.1	15.0	17.4	749	4.03	3.8	0.6	<0.5	6.7	39	<0.1	0.2	<0.1	77	0.47	0.069
1030764	Soil		0.5	27.0	6.4	69	<0.1	19.8	17.9	522	3.55	8.7	0.7	<0.5	5.8	36	<0.1	0.5	0.1	72	0.54	0.100
1030765	Soil		0.4	31.2	74.7	84	<0.1	19.8	24.3	744	4.41	5.0	0.5	<0.5	4.4	51	<0.1	0.3	0.3	103	0.64	0.065
1030766	Soil		1.4	37.2	28.3	141	0.2	27.0	15.6	724	3.53	28.2	0.8	1.2	5.6	35	0.3	1.1	0.6	73	0.42	0.102
1030767	Soil		1.2	31.2	18.8	108	0.2	24.7	13.9	758	3.21	17.4	0.7	1.0	5.0	32	0.2	0.9	0.3	63	0.40	0.099
1030768	Soil		0.5	11.4	5.5	74	<0.1	14.7	18.4	623	4.04	4.9	0.6	<0.5	8.3	28	<0.1	0.3	<0.1	87	0.40	0.038
1030769	Soil		0.6	23.2	7.2	110	<0.1	19.2	22.2	966	4.44	5.5	0.6	<0.5	5.9	49	0.1	0.3	<0.1	91	0.61	0.067
1030770	Soil		0.4	23.7	6.2	87	<0.1	13.5	20.4	800	4.23	3.7	0.5	<0.5	4.7	33	<0.1	0.2	<0.1	91	0.55	0.104
1030771	Soil		0.4	17.9	6.2	89	<0.1	18.6	22.1	777	4.53	6.1	0.7	<0.5	6.1	48	<0.1	0.3	<0.1	86	0.56	0.074
1030773	Soil		0.5	33.0	4.4	83	<0.1	17.6	20.1	701	4.10	6.6	0.5	2.3	6.4	50	<0.1	0.4	<0.1	89	1.33	0.082
1030988	Soil		0.3	7.9	3.7	71	<0.1	11.7	13.7	679	3.85	4.6	0.4	<0.5	6.2	25	<0.1	0.2	<0.1	50	0.43	0.105
1030989	Soil		0.5	7.1	5.4	60	<0.1	10.2	10.6	450	3.89	3.6	0.7	<0.5	8.2	29	<0.1	0.3	<0.1	42	0.27	0.025

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002502.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029981	Soil	14	29	0.57	339	0.097	<1	1.73	0.015	0.07	0.2	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
1029982	Soil	9	39	0.45	350	0.037	2	2.65	0.015	0.09	<0.1	0.06	2.4	0.1	0.05	8	0.8	<0.2
1009791	Soil	12	27	0.56	243	0.096	1	1.68	0.011	0.07	0.2	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1009792	Soil	12	30	0.55	282	0.094	<1	1.76	0.012	0.07	0.2	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1009793	Soil	13	30	0.57	328	0.097	1	1.76	0.013	0.07	0.2	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2
1009794	Soil	12	28	0.56	281	0.103	1	1.64	0.014	0.06	0.2	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1030751	Soil	12	30	1.92	470	0.240	1	3.07	0.011	0.45	<0.1	0.01	2.9	0.1	<0.05	9	<0.5	<0.2
1030752	Soil	12	27	1.45	323	0.246	1	2.71	0.014	0.45	<0.1	<0.01	3.6	0.1	<0.05	10	<0.5	<0.2
1030753	Soil	17	32	1.18	387	0.144	1	2.34	0.012	0.48	<0.1	<0.01	5.2	0.1	<0.05	8	<0.5	<0.2
1030754	Soil	16	29	1.19	218	0.160	1	2.35	0.010	0.37	<0.1	<0.01	3.7	0.1	<0.05	8	<0.5	<0.2
1030755	Soil	12	24	1.43	374	0.217	<1	2.51	0.012	0.50	<0.1	<0.01	2.3	0.2	<0.05	9	<0.5	<0.2
1030756	Soil	18	25	0.63	296	0.060	1	1.96	0.009	0.31	<0.1	0.01	8.0	0.1	<0.05	7	0.5	<0.2
1030757	Soil	11	20	1.61	212	0.239	<1	2.74	0.009	1.02	<0.1	<0.01	2.4	0.2	<0.05	10	<0.5	<0.2
1030758	Soil	10	20	0.95	326	0.156	<1	2.15	0.012	0.51	<0.1	0.01	2.5	0.2	<0.05	8	<0.5	<0.2
1030759	Soil	13	22	1.70	233	0.244	<1	2.55	0.008	0.94	<0.1	<0.01	2.2	0.3	<0.05	9	<0.5	<0.2
1030760	Soil	17	30	1.16	237	0.138	<1	2.31	0.009	0.44	<0.1	<0.01	4.6	0.2	<0.05	8	<0.5	<0.2
1030761	Soil	12	23	1.13	356	0.193	1	2.23	0.009	0.66	0.1	<0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1030762	Soil	47	22	1.24	227	0.072	<1	2.24	0.039	0.17	<0.1	<0.01	11.1	<0.1	<0.05	10	<0.5	<0.2
1030763	Soil	16	23	1.37	280	0.245	<1	2.54	0.009	0.68	<0.1	<0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1030764	Soil	13	30	1.22	369	0.173	<1	2.19	0.013	0.40	0.1	<0.01	4.1	0.2	<0.05	6	<0.5	<0.2
1030765	Soil	11	41	1.91	350	0.267	<1	2.67	0.011	0.48	<0.1	<0.01	3.7	0.2	<0.05	8	<0.5	<0.2
1030766	Soil	13	41	0.74	417	0.099	1	1.84	0.014	0.25	0.2	<0.01	4.9	0.1	<0.05	7	<0.5	<0.2
1030767	Soil	14	38	0.64	399	0.076	<1	1.67	0.012	0.18	0.1	<0.01	4.7	0.1	<0.05	6	<0.5	<0.2
1030768	Soil	13	27	1.44	250	0.190	<1	2.31	0.009	0.84	<0.1	<0.01	3.6	0.2	<0.05	7	<0.5	<0.2
1030769	Soil	16	35	1.63	396	0.261	1	2.67	0.011	0.91	<0.1	<0.01	3.4	0.2	<0.05	8	<0.5	<0.2
1030770	Soil	12	27	1.61	374	0.232	<1	2.43	0.013	0.90	<0.1	<0.01	4.2	0.2	<0.05	7	<0.5	<0.2
1030771	Soil	18	35	1.76	245	0.260	1	2.60	0.010	0.80	<0.1	<0.01	2.9	0.2	<0.05	8	<0.5	<0.2
1030773	Soil	18	25	1.93	365	0.255	2	2.63	0.015	1.16	<0.1	0.02	2.1	0.3	<0.05	7	<0.5	<0.2
1030988	Soil	10	15	0.94	177	0.149	1	2.22	0.009	0.34	<0.1	<0.01	1.8	<0.1	<0.05	8	<0.5	<0.2
1030989	Soil	16	14	0.84	164	0.060	<1	2.14	0.008	0.09	<0.1	<0.01	2.3	<0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002502.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1021599	Soil	0.3	25.7	2.7	81	<0.1	9.5	19.9	700	4.09	1.4	0.3	<0.5	7.1	41	<0.1	0.2	<0.1	84	0.47	0.084
REP 1021599	QC	0.3	25.9	2.7	83	<0.1	9.6	20.9	726	4.17	1.4	0.3	<0.5	7.3	43	<0.1	0.2	<0.1	86	0.47	0.086
1021918	Soil	0.5	49.4	10.4	111	<0.1	29.1	19.7	640	4.41	4.0	0.7	2.6	6.8	20	<0.1	0.3	0.2	86	0.28	0.045
REP 1021918	QC	0.5	48.5	10.3	110	<0.1	28.6	19.5	661	4.39	4.0	0.6	37.7	6.8	20	<0.1	0.3	0.2	88	0.28	0.043
1029970	Soil	1.4	20.3	8.6	57	0.1	21.5	10.0	299	3.17	11.0	0.6	1.5	4.0	16	0.2	0.5	0.2	73	0.16	0.034
REP 1029970	QC	1.4	20.5	8.5	59	0.1	22.2	10.3	315	3.28	11.3	0.6	1.4	3.9	17	<0.1	0.5	0.2	74	0.17	0.034
1026828	Soil	0.8	22.2	5.2	63	<0.1	13.4	14.4	401	3.20	4.8	0.6	1.1	3.6	27	<0.1	0.2	0.1	74	0.42	0.041
REP 1026828	QC	0.7	22.9	5.2	62	<0.1	13.6	14.3	393	3.26	4.8	0.6	1.9	3.5	27	0.1	0.2	<0.1	77	0.43	0.041
1026683	Soil	0.5	18.5	7.6	65	<0.1	18.6	12.3	466	3.33	4.9	1.1	1.8	8.5	18	<0.1	0.3	<0.1	63	0.21	0.022
REP 1026683	QC	0.5	18.6	7.5	64	<0.1	19.1	12.2	461	3.41	4.9	1.0	1.0	8.3	19	<0.1	0.3	<0.1	62	0.20	0.023
1026501	Soil	0.7	32.7	8.1	79	0.2	16.1	12.6	438	3.54	4.4	0.9	2.0	3.7	37	0.1	0.3	0.1	80	0.60	0.042
REP 1026501	QC	0.7	30.8	8.0	80	0.2	15.9	12.3	417	3.43	4.5	0.9	3.5	3.6	38	0.1	0.2	0.1	77	0.62	0.045
1026692	Soil	0.4	14.7	5.0	102	<0.1	5.4	16.8	865	3.96	1.2	0.4	1.5	4.0	28	<0.1	0.1	0.1	90	0.49	0.079
REP 1026692	QC	0.4	15.0	5.2	102	<0.1	5.6	17.6	885	4.18	1.7	0.3	1.1	4.2	28	<0.1	0.1	0.1	93	0.48	0.074
1027728	Soil	0.5	36.5	3.2	68	<0.1	17.2	21.5	516	3.97	3.9	0.2	0.6	1.2	32	<0.1	0.2	<0.1	95	0.37	0.051
REP 1027728	QC	0.5	36.2	3.4	68	<0.1	17.0	21.6	521	3.99	4.0	0.2	<0.5	1.2	31	<0.1	0.1	<0.1	95	0.37	0.050
1029982	Soil	1.2	45.1	9.5	54	0.2	23.1	8.4	135	3.03	7.7	1.0	1.0	0.2	26	0.3	0.4	0.2	58	0.22	0.077
REP 1029982	QC	1.2	44.3	9.1	53	0.2	22.9	8.3	139	3.03	7.2	1.0	2.8	0.3	26	0.3	0.4	0.2	59	0.21	0.074
1030756	Soil	0.7	17.1	27.0	95	<0.1	16.3	14.5	923	4.63	6.7	2.2	<0.5	12.7	20	<0.1	0.5	<0.1	80	0.31	0.056
REP 1030756	QC	0.9	16.9	25.5	91	<0.1	16.8	14.6	897	4.70	6.4	2.2	0.5	12.3	20	<0.1	0.5	<0.1	80	0.30	0.059
1030773	Soil	0.5	33.0	4.4	83	<0.1	17.6	20.1	701	4.10	6.6	0.5	2.3	6.4	50	<0.1	0.4	<0.1	89	1.33	0.082
REP 1030773	QC	0.5	35.2	4.2	84	0.1	18.6	20.6	708	4.22	6.6	0.5	3.1	6.9	51	<0.1	0.3	<0.1	88	1.36	0.081
Reference Materials																					
STD DS8	Standard	14.6	125.9	133.1	358	2.1	42.7	8.8	701	2.76	30.0	3.2	121.1	7.9	72	2.8	6.8	7.7	46	0.75	0.095
STD DS8	Standard	14.1	112.1	125.9	316	2.0	44.1	8.1	685	2.69	28.9	3.1	123.0	7.7	79	3.1	7.1	7.3	50	0.81	0.087
STD DS8	Standard	13.5	118.2	132.2	332	1.9	40.0	8.1	643	2.50	29.0	3.0	119.2	7.3	69	2.7	6.4	7.6	44	0.71	0.092
STD DS8	Standard	13.7	119.5	132.3	338	1.8	41.0	7.9	662	2.57	29.3	3.0	113.3	7.3	70	2.8	6.3	7.4	45	0.71	0.089
STD DS8	Standard	13.9	118.2	127.7	327	2.0	40.2	8.3	621	2.55	28.5	2.9	113.3	6.6	68	2.7	5.8	7.0	43	0.69	0.081

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002502.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1021599	Soil	18	22	1.83	437	0.246	<1	2.61	0.013	1.16	<0.1	0.05	1.4	0.3	<0.05	7	<0.5	<0.2
REP 1021599	QC	18	22	1.88	440	0.251	<1	2.63	0.013	1.15	<0.1	0.04	1.4	0.3	<0.05	7	<0.5	<0.2
1021918	Soil	26	60	1.59	234	0.225	<1	2.94	0.012	0.33	0.1	0.01	3.2	0.2	<0.05	9	<0.5	<0.2
REP 1021918	QC	27	60	1.55	238	0.238	<1	2.94	0.012	0.33	0.1	0.01	3.3	0.2	<0.05	9	<0.5	<0.2
1029970	Soil	10	31	0.61	194	0.083	<1	2.03	0.007	0.06	0.1	0.03	2.7	0.1	<0.05	7	<0.5	<0.2
REP 1029970	QC	10	34	0.62	205	0.083	1	2.14	0.009	0.07	0.2	0.02	2.7	<0.1	<0.05	7	0.6	<0.2
1026828	Soil	12	28	1.16	346	0.171	<1	1.90	0.013	0.43	0.1	0.02	2.2	0.2	<0.05	7	<0.5	<0.2
REP 1026828	QC	12	27	1.19	352	0.173	1	1.83	0.013	0.41	<0.1	0.04	2.3	0.2	<0.05	7	<0.5	<0.2
1026683	Soil	20	27	0.84	217	0.030	<1	2.38	0.012	0.08	<0.1	0.02	5.7	<0.1	<0.05	6	<0.5	<0.2
REP 1026683	QC	21	27	0.80	213	0.030	<1	2.35	0.011	0.07	<0.1	0.02	5.8	<0.1	<0.05	6	<0.5	<0.2
1026501	Soil	15	31	0.97	333	0.196	1	2.33	0.024	0.17	0.1	0.04	3.6	<0.1	<0.05	8	<0.5	<0.2
REP 1026501	QC	14	29	0.92	314	0.192	1	2.36	0.022	0.16	0.1	0.05	3.3	0.1	<0.05	8	<0.5	<0.2
1026692	Soil	37	12	1.61	297	0.240	<1	2.90	0.008	0.60	0.1	<0.01	1.2	0.3	<0.05	7	<0.5	<0.2
REP 1026692	QC	38	13	1.63	305	0.241	<1	2.75	0.008	0.61	0.1	0.01	1.3	0.3	<0.05	8	<0.5	<0.2
1027728	Soil	2	36	1.94	412	0.295	<1	2.77	0.014	0.53	<0.1	<0.01	1.5	0.1	<0.05	7	<0.5	<0.2
REP 1027728	QC	2	37	1.85	419	0.297	<1	2.65	0.014	0.54	<0.1	0.01	1.5	0.1	<0.05	7	<0.5	<0.2
1029982	Soil	9	39	0.45	350	0.037	2	2.65	0.015	0.09	<0.1	0.06	2.4	0.1	0.05	8	0.8	<0.2
REP 1029982	QC	9	40	0.43	349	0.038	1	2.61	0.016	0.09	<0.1	0.05	2.4	0.1	<0.05	8	0.7	<0.2
1030756	Soil	18	25	0.63	296	0.060	1	1.96	0.009	0.31	<0.1	0.01	8.0	0.1	<0.05	7	0.5	<0.2
REP 1030756	QC	18	25	0.66	301	0.060	1	2.02	0.009	0.30	<0.1	<0.01	8.0	<0.1	<0.05	7	0.5	<0.2
1030773	Soil	18	25	1.93	365	0.255	2	2.63	0.015	1.16	<0.1	0.02	2.1	0.3	<0.05	7	<0.5	<0.2
REP 1030773	QC	18	26	1.86	369	0.250	3	2.66	0.014	1.16	<0.1	0.02	2.3	0.3	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	125	0.68	307	0.130	2	1.00	0.100	0.48	3.3	0.21	2.3	5.9	0.14	5	6.2	5.6
STD DS8	Standard	18	125	0.68	304	0.144	3	1.02	0.105	0.49	3.5	0.21	2.4	6.0	0.12	5	6.1	5.3
STD DS8	Standard	14	119	0.64	289	0.121	3	0.89	0.089	0.46	3.2	0.21	2.2	5.6	0.14	5	6.0	5.2
STD DS8	Standard	15	121	0.62	300	0.123	3	0.90	0.093	0.45	3.1	0.19	2.2	5.4	0.14	5	5.5	5.1
STD DS8	Standard	14	118	0.61	271	0.110	3	0.88	0.083	0.42	3.1	0.24	2.0	5.6	0.15	5	6.0	5.5

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002502.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.8	117.4	124.1	329	1.9	39.6	8.0	632	2.59	28.2	2.8	109.9	6.6	65	2.4	5.6	6.7	44	0.68	0.085
STD DS8	Standard	14.0	119.5	123.7	342	1.8	41.3	8.1	673	2.70	30.0	2.8	120.0	7.0	72	2.5	6.6	7.4	44	0.71	0.082
STD DS8	Standard	14.4	115.3	123.6	329	1.8	39.0	7.8	627	2.54	27.6	3.0	107.7	7.0	73	2.5	6.4	7.0	42	0.69	0.080
STD DS8	Standard	14.3	121.4	130.4	338	1.8	40.7	8.0	641	2.59	28.8	2.9	116.1	7.1	69	2.4	6.3	6.9	43	0.66	0.082
STD DS8	Standard	14.0	117.0	127.4	333	1.8	39.9	7.8	639	2.57	28.4	2.8	115.3	7.1	69	2.6	6.3	6.8	44	0.67	0.081
STD DS8	Standard	14.6	122.2	132.8	355	1.8	42.3	8.4	671	2.67	29.2	3.1	117.3	7.4	78	2.5	6.4	6.9	46	0.72	0.087
STD DS8	Standard	14.2	114.1	124.7	326	1.8	39.7	7.9	629	2.48	29.7	2.9	119.8	7.2	74	2.5	6.4	6.8	43	0.67	0.081
STD DS8	Standard	12.5	106.7	128.1	324	1.8	36.1	7.1	581	2.40	24.7	2.7	103.9	6.7	65	2.5	5.7	6.7	42	0.64	0.077
STD DS8	Standard	12.8	110.9	130.4	328	1.7	38.6	7.7	625	2.51	25.7	2.7	112.0	6.9	69	2.3	5.8	6.8	43	0.69	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002502.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	118	0.62	271	0.116	3	0.92	0.089	0.42	2.9	0.21	2.0	5.6	0.16	5	5.7	5.4
STD DS8	Standard	15	117	0.62	297	0.129	2	0.91	0.089	0.45	3.0	0.20	2.1	5.5	0.15	5	6.5	5.2
STD DS8	Standard	16	118	0.61	296	0.126	2	0.92	0.085	0.41	3.1	0.21	2.1	5.6	0.11	5	5.9	4.9
STD DS8	Standard	15	121	0.61	305	0.121	2	0.85	0.076	0.43	3.3	0.21	2.2	5.3	0.18	5	5.3	5.6
STD DS8	Standard	14	118	0.60	293	0.123	2	0.89	0.083	0.42	3.1	0.22	2.0	5.4	0.19	5	5.4	5.2
STD DS8	Standard	16	125	0.65	301	0.128	2	0.97	0.093	0.45	3.1	0.21	2.2	5.6	0.20	5	5.4	5.0
STD DS8	Standard	16	117	0.60	291	0.126	2	0.88	0.088	0.42	3.1	0.20	2.2	5.2	0.16	5	5.5	5.3
STD DS8	Standard	13	116	0.59	252	0.114	2	0.87	0.087	0.43	3.1	0.20	2.0	5.1	0.14	5	5.4	5.0
STD DS8	Standard	15	121	0.60	276	0.121	2	0.89	0.093	0.43	3.2	0.20	2.3	5.4	0.14	5	4.6	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 13, 2011
Report Date: July 19, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS VAN11002503.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 225

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	225	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	225	Dry at 60C			VAN
1DX2	225	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030990	Soil	0.8	9.0	6.2	64	<0.1	8.0	10.5	533	4.78	4.7	1.5	0.7	14.5	15	<0.1	0.5	0.1	50	0.28	0.089
1030991	Soil	0.6	10.2	5.9	67	<0.1	15.3	11.7	534	3.44	4.7	0.5	2.1	9.0	27	<0.1	0.3	0.1	52	0.41	0.064
1030993	Soil	0.5	20.0	3.9	67	<0.1	13.3	11.0	620	3.57	4.4	1.1	<0.5	8.7	22	<0.1	0.3	<0.1	49	0.39	0.070
1030994	Soil	0.8	10.4	7.0	81	<0.1	14.3	10.1	524	3.76	6.2	0.5	4.6	8.8	19	<0.1	0.4	0.1	55	0.25	0.050
1030995	Soil	0.7	13.2	6.4	70	<0.1	14.8	15.1	880	3.70	4.3	1.1	4.7	6.9	21	<0.1	0.4	0.1	60	0.32	0.055
1030996	Soil	0.6	26.3	6.4	93	<0.1	17.8	13.5	571	3.10	5.1	0.5	<0.5	3.8	29	<0.1	0.5	0.2	61	0.37	0.086
1030997	Soil	0.6	36.7	3.5	85	<0.1	18.8	25.8	744	5.33	2.7	0.7	1.4	3.2	20	<0.1	0.3	<0.1	61	0.39	0.086
1030998	Soil	0.6	32.8	4.0	80	<0.1	17.5	22.3	635	4.71	2.8	0.7	1.4	3.2	20	<0.1	0.3	<0.1	56	0.40	0.088
1030999	Soil	0.3	66.3	2.3	96	<0.1	16.1	24.6	588	4.34	2.8	0.3	<0.5	3.9	41	<0.1	0.1	<0.1	84	0.77	0.106
1031000	Soil	0.3	36.8	3.0	89	<0.1	19.2	25.9	695	4.80	4.9	0.3	0.8	4.1	49	<0.1	0.2	<0.1	102	0.52	0.052
1013003	Soil	0.7	26.4	6.2	68	<0.1	28.5	14.9	370	3.28	6.2	0.4	2.1	3.0	31	0.1	0.3	0.1	71	0.35	0.086
1013004	Soil	0.5	35.1	6.2	72	<0.1	25.4	14.8	449	3.11	5.4	0.7	1.9	3.2	35	<0.1	0.4	0.1	71	0.41	0.086
1013005	Soil	0.9	41.1	6.5	71	<0.1	24.7	15.1	530	3.32	6.9	0.7	2.1	4.1	27	0.1	0.4	0.1	68	0.31	0.094
1013006	Soil	0.7	24.6	5.9	55	<0.1	23.2	11.9	383	2.86	6.5	0.5	0.7	3.5	24	0.1	0.5	0.1	63	0.31	0.089
1013007	Soil	0.6	43.0	5.3	65	<0.1	23.0	12.1	378	2.81	5.5	0.8	3.6	4.1	32	0.2	0.4	0.1	65	0.45	0.100
1013008	Soil	0.4	46.4	8.6	66	<0.1	26.2	16.5	277	2.78	4.6	0.9	1.4	5.6	29	0.2	0.4	0.1	62	0.47	0.077
1013009	Soil	0.6	42.4	7.1	68	<0.1	21.3	14.8	299	2.84	3.6	0.7	5.1	5.2	23	0.1	0.4	0.2	57	0.37	0.076
1013010	Soil	0.7	47.5	6.0	72	<0.1	27.0	19.3	450	3.21	5.1	0.6	2.0	4.7	25	0.1	0.3	<0.1	63	0.38	0.096
1013011	Soil	0.7	51.8	7.4	73	<0.1	26.2	18.2	396	3.36	4.3	0.5	2.8	4.3	26	<0.1	0.3	<0.1	70	0.42	0.106
1013012	Soil	0.8	53.4	9.3	76	<0.1	31.3	19.5	516	3.45	4.7	0.8	3.2	5.7	37	0.1	0.3	0.1	70	0.52	0.112
1013013	Soil	0.9	50.0	5.8	65	0.1	26.0	16.0	366	3.15	4.4	1.0	2.8	5.3	24	<0.1	0.3	0.1	65	0.40	0.108
1013014	Soil	0.9	33.5	6.7	66	<0.1	21.5	13.6	389	3.51	5.3	0.7	0.6	4.2	25	0.2	0.3	0.1	77	0.33	0.085
1013015	Soil	1.6	22.1	9.9	77	0.1	19.4	13.7	688	4.90	10.3	0.5	1.5	3.2	22	0.2	0.5	0.2	87	0.24	0.070
1013016	Soil	0.9	15.4	7.5	51	<0.1	13.4	7.5	282	2.94	5.4	0.4	4.0	1.6	18	0.1	0.4	0.1	71	0.21	0.057
1013017	Soil	0.9	14.8	6.4	69	<0.1	14.5	9.2	310	2.78	4.3	0.5	1.8	1.1	27	0.4	0.4	0.1	66	0.31	0.082
1013021	Soil	0.3	23.2	8.2	58	<0.1	21.4	11.7	337	2.76	4.0	0.8	2.0	4.6	42	0.2	0.3	0.1	62	0.46	0.077
1013022	Soil	0.6	21.3	6.4	63	<0.1	96.3	15.9	437	3.00	6.6	0.5	1.5	2.9	36	<0.1	0.4	<0.1	66	0.34	0.075
1013024	Soil	0.6	27.1	6.1	64	<0.1	23.6	13.5	394	3.06	5.6	0.4	1.7	2.9	42	0.1	0.4	<0.1	66	0.42	0.089
1026574	Soil	0.2	29.7	7.6	57	<0.1	19.9	10.3	242	2.23	2.7	0.7	0.9	4.8	24	0.1	0.3	0.1	53	0.36	0.073
1026575	Soil	0.5	59.2	4.9	70	<0.1	30.7	16.9	509	3.77	5.2	0.5	69.4	3.2	46	<0.1	0.3	0.1	98	0.38	0.085

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030990	Soil	11	11	0.38	153	0.006	<1	1.80	0.011	0.06	<0.1	0.02	6.8	<0.1	<0.05	8	0.5	<0.2
1030991	Soil	13	22	0.79	193	0.165	<1	2.06	0.010	0.30	<0.1	0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1030993	Soil	14	17	0.83	149	0.149	<1	1.95	0.010	0.24	<0.1	<0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1030994	Soil	11	24	0.75	191	0.176	1	2.33	0.010	0.40	0.1	0.02	2.2	0.2	<0.05	8	<0.5	<0.2
1030995	Soil	10	23	1.10	281	0.025	<1	2.18	0.008	0.08	<0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1030996	Soil	11	25	0.80	365	0.103	2	1.84	0.009	0.24	<0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1030997	Soil	15	31	2.69	207	0.037	<1	3.26	0.006	0.12	<0.1	0.03	6.0	<0.1	<0.05	7	<0.5	<0.2
1030998	Soil	17	28	2.04	232	0.037	<1	2.87	0.007	0.12	<0.1	0.02	6.1	<0.1	<0.05	6	<0.5	<0.2
1030999	Soil	5	30	2.02	327	0.269	1	2.81	0.024	0.52	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1031000	Soil	10	32	2.51	519	0.363	<1	3.28	0.014	1.19	<0.1	0.01	2.4	0.3	<0.05	7	<0.5	<0.2
1013003	Soil	8	49	0.94	168	0.166	2	2.34	0.013	0.23	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
1013004	Soil	11	37	1.04	284	0.160	<1	2.04	0.013	0.29	0.1	0.04	2.9	0.2	<0.05	6	<0.5	<0.2
1013005	Soil	14	42	0.91	166	0.130	<1	2.16	0.012	0.24	0.2	0.05	3.2	0.2	<0.05	6	<0.5	<0.2
1013006	Soil	10	32	0.71	110	0.127	2	1.69	0.012	0.14	0.2	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
1013007	Soil	13	37	0.93	271	0.151	<1	1.69	0.018	0.24	0.2	0.04	3.6	0.2	<0.05	5	<0.5	<0.2
1013008	Soil	16	40	0.95	210	0.132	<1	1.72	0.019	0.22	0.2	0.05	4.1	0.2	<0.05	5	<0.5	<0.2
1013009	Soil	14	41	1.05	142	0.159	<1	1.87	0.015	0.30	0.2	0.03	2.8	0.3	<0.05	5	<0.5	<0.2
1013010	Soil	12	51	1.22	165	0.167	<1	2.07	0.014	0.35	0.2	0.03	2.4	0.3	<0.05	6	<0.5	<0.2
1013011	Soil	10	48	1.27	148	0.186	<1	1.98	0.015	0.44	0.2	0.03	2.3	0.3	<0.05	6	<0.5	<0.2
1013012	Soil	15	57	1.24	200	0.169	<1	2.02	0.017	0.35	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1013013	Soil	18	49	1.12	184	0.158	1	2.03	0.014	0.33	0.2	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1013014	Soil	10	38	0.96	130	0.177	<1	1.80	0.014	0.21	0.2	0.03	2.3	0.2	<0.05	7	<0.5	<0.2
1013015	Soil	9	31	0.75	161	0.171	<1	2.29	0.010	0.19	0.2	0.07	2.9	0.1	<0.05	8	<0.5	<0.2
1013016	Soil	7	21	0.56	92	0.131	<1	1.88	0.009	0.11	0.2	0.04	2.5	0.1	<0.05	7	<0.5	<0.2
1013017	Soil	7	24	0.64	137	0.122	<1	1.51	0.012	0.11	0.1	0.06	2.0	0.1	<0.05	6	<0.5	<0.2
1013021	Soil	15	39	0.78	174	0.139	<1	2.23	0.016	0.15	0.1	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1013022	Soil	9	179	1.43	154	0.134	<1	2.36	0.013	0.16	0.2	0.04	3.4	0.1	<0.05	7	<0.5	<0.2
1013024	Soil	9	37	0.84	152	0.137	<1	2.11	0.015	0.15	0.1	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1026574	Soil	12	52	0.94	144	0.153	<1	1.76	0.016	0.24	0.1	0.05	2.7	0.2	<0.05	6	<0.5	<0.2
1026575	Soil	9	76	1.47	231	0.209	<1	2.40	0.015	0.52	1.1	0.04	3.0	0.4	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011501	Soil	1.1	24.0	9.3	73	<0.1	27.9	18.5	568	3.40	7.9	0.8	0.6	5.1	20	0.2	0.4	0.2	69	0.25	0.068
1011502	Soil	0.7	24.5	6.5	72	<0.1	24.4	16.2	570	3.28	4.3	0.9	1.7	6.3	22	0.1	0.3	0.1	67	0.37	0.095
1011503	Soil	0.7	40.3	7.9	69	<0.1	32.3	16.5	426	3.58	6.3	0.6	1.1	4.6	22	0.2	0.4	0.3	76	0.35	0.086
1011504	Soil	1.2	78.1	11.4	81	<0.1	34.1	22.1	712	4.02	7.8	1.8	4.7	6.5	27	0.2	0.5	0.3	81	0.37	0.086
1011505	Soil	1.2	61.2	11.1	70	0.2	32.3	17.8	495	3.32	6.3	1.9	5.4	6.3	26	0.1	0.4	0.5	74	0.39	0.095
1011506	Soil	0.8	21.1	6.7	63	0.1	21.0	14.1	407	3.51	5.3	0.5	5.8	3.8	24	0.1	0.3	0.5	71	0.30	0.079
1011507	Soil	1.2	21.9	7.4	52	<0.1	17.2	10.1	282	2.98	5.7	0.6	3.4	2.3	25	0.1	0.4	0.8	74	0.23	0.046
1011508	Soil	0.5	25.8	6.3	62	0.1	19.3	12.7	267	3.00	4.1	0.8	4.4	4.1	24	0.2	0.4	0.8	67	0.32	0.084
1011509	Soil	0.9	15.5	6.8	56	<0.1	16.7	14.5	514	2.87	5.5	0.4	2.1	2.7	21	0.1	0.4	0.6	69	0.28	0.063
1011512	Soil	0.9	24.2	13.8	66	<0.1	21.8	12.7	673	3.25	14.1	1.5	7.0	1.4	17	0.4	0.8	0.2	67	0.20	0.061
1011522	Soil	0.8	26.5	8.8	56	<0.1	19.7	8.7	204	2.79	7.0	1.0	2.8	4.7	22	0.2	0.4	0.3	63	0.33	0.077
1011523	Soil	0.6	29.4	7.7	72	<0.1	22.9	12.9	284	3.05	5.2	0.6	1.6	4.9	25	0.1	0.6	0.4	65	0.34	0.078
1026626	Soil	0.6	32.5	7.1	82	<0.1	45.7	21.0	531	3.32	5.6	0.6	2.5	2.8	24	<0.1	0.3	0.2	89	0.46	0.088
1026628	Soil	0.7	36.3	7.4	95	0.2	20.6	13.7	553	3.69	5.5	1.0	3.1	4.3	25	0.1	0.3	0.1	89	0.43	0.076
1026629	Soil	0.5	20.9	7.0	86	0.1	16.7	10.6	396	3.27	5.1	0.7	19.9	3.5	18	0.2	0.5	0.1	72	0.31	0.089
1029901	Soil	0.8	57.2	7.4	56	<0.1	27.7	14.4	369	3.02	8.2	1.0	2.4	4.2	24	<0.1	0.5	0.1	73	0.25	0.042
1029902	Soil	0.8	20.5	5.9	67	<0.1	21.2	11.6	642	3.90	9.2	0.4	0.6	3.0	16	<0.1	0.4	0.1	50	0.19	0.040
1029903	Soil	1.0	13.9	5.5	82	<0.1	11.3	7.9	489	3.50	5.0	0.3	<0.5	1.5	20	<0.1	0.4	0.1	40	0.22	0.083
1029904	Soil	1.2	16.6	9.2	62	<0.1	22.6	10.2	322	3.01	9.7	0.4	12.1	2.8	22	0.1	0.6	0.2	64	0.18	0.033
1029905	Soil	1.2	38.6	9.8	75	<0.1	33.9	13.5	366	3.34	13.5	1.0	<0.5	5.1	27	0.2	0.9	0.2	80	0.27	0.023
1029906	Soil	0.7	22.0	6.7	55	<0.1	20.6	10.4	437	3.08	8.0	0.7	2.3	4.3	23	<0.1	0.7	0.1	60	0.20	0.026
1029907	Soil	1.0	24.0	5.4	61	<0.1	20.6	12.9	517	3.74	6.1	0.6	4.6	3.2	27	<0.1	0.4	<0.1	51	0.25	0.027
1029908	Soil	0.5	32.3	7.1	51	<0.1	26.0	12.6	355	2.83	7.4	1.2	2.9	4.1	77	<0.1	0.4	0.1	65	1.02	0.030
1029909	Soil	1.0	21.6	9.3	57	<0.1	24.0	12.8	400	3.17	11.3	0.6	1.5	3.9	21	<0.1	0.6	0.2	73	0.16	0.031
1029910	Soil	0.7	53.6	5.4	81	<0.1	26.8	23.3	601	3.96	5.6	0.2	1.3	2.0	34	0.2	0.3	<0.1	100	0.45	0.066
1029911	Soil	0.4	193.2	3.0	104	<0.1	32.8	24.1	715	4.44	3.3	0.2	1.1	1.7	34	<0.1	0.2	<0.1	103	0.45	0.063
1029912	Soil	1.0	25.8	8.1	61	<0.1	24.4	12.3	339	3.15	9.0	0.9	1.5	4.5	27	<0.1	0.5	0.2	75	0.24	0.029
1029913	Soil	1.0	34.5	10.8	65	<0.1	22.0	14.3	451	3.66	9.3	0.6	2.3	3.5	26	0.2	0.6	0.2	91	0.24	0.031
1029914	Soil	0.8	24.1	9.0	56	<0.1	24.6	11.8	314	2.92	9.1	0.9	2.6	4.6	26	0.1	0.5	0.2	67	0.24	0.017
1029915	Soil	0.7	28.3	6.6	64	<0.1	22.6	15.9	602	3.64	4.6	0.9	<0.5	5.8	13	<0.1	0.4	<0.1	60	0.18	0.062

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011501	Soil	13	50	0.83	167	0.130	<1	2.33	0.012	0.18	0.1	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1011502	Soil	14	46	0.99	188	0.145	1	1.81	0.014	0.36	0.2	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1011503	Soil	10	64	0.99	126	0.165	<1	2.05	0.014	0.25	0.3	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1011504	Soil	24	62	1.12	279	0.153	1	2.45	0.015	0.33	0.2	0.05	4.3	0.3	<0.05	7	<0.5	<0.2
1011505	Soil	23	72	1.22	252	0.151	1	2.23	0.014	0.35	0.2	0.04	4.2	0.4	<0.05	6	<0.5	<0.2
1011506	Soil	8	38	1.02	129	0.160	<1	2.07	0.012	0.23	0.4	0.05	2.5	0.2	<0.05	7	<0.5	<0.2
1011507	Soil	10	31	0.60	167	0.130	<1	1.58	0.011	0.11	0.5	0.03	2.3	0.1	<0.05	7	<0.5	<0.2
1011508	Soil	13	34	0.94	205	0.132	<1	1.90	0.013	0.25	0.6	0.04	4.2	0.3	<0.05	6	<0.5	<0.2
1011509	Soil	7	29	0.70	126	0.130	<1	1.47	0.010	0.14	0.6	0.03	2.2	0.1	<0.05	6	<0.5	<0.2
1011512	Soil	10	29	0.53	144	0.042	1	1.82	0.008	0.04	0.2	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1011522	Soil	12	39	0.72	163	0.109	<1	1.70	0.011	0.15	0.2	0.06	3.0	0.2	<0.05	6	<0.5	<0.2
1011523	Soil	12	40	0.98	162	0.145	1	1.89	0.013	0.24	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1026626	Soil	9	42	1.25	219	0.155	1	1.98	0.015	0.29	0.1	0.02	4.7	0.2	<0.05	7	<0.5	<0.2
1026628	Soil	15	35	1.13	273	0.170	<1	2.20	0.011	0.42	0.1	0.04	6.2	0.3	<0.05	8	<0.5	<0.2
1026629	Soil	11	27	0.83	195	0.166	<1	1.96	0.010	0.37	0.2	0.04	5.2	0.3	<0.05	6	<0.5	<0.2
1029901	Soil	16	45	1.01	253	0.124	<1	2.25	0.014	0.10	0.1	0.03	4.1	0.1	<0.05	5	<0.5	<0.2
1029902	Soil	6	26	0.66	370	0.180	<1	2.43	0.013	0.31	0.1	0.01	5.8	0.1	<0.05	8	<0.5	<0.2
1029903	Soil	6	18	0.38	236	0.034	<1	2.02	0.011	0.09	0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1029904	Soil	8	35	0.48	276	0.057	<1	2.16	0.009	0.06	0.2	0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1029905	Soil	21	46	0.66	332	0.102	1	2.46	0.016	0.08	0.2	0.03	6.5	0.1	<0.05	7	<0.5	<0.2
1029906	Soil	16	30	0.54	239	0.066	<1	1.80	0.012	0.07	0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
1029907	Soil	6	22	0.59	253	0.160	<1	2.67	0.013	0.10	0.2	0.03	3.6	<0.1	<0.05	8	<0.5	<0.2
1029908	Soil	13	35	0.82	194	0.104	<1	3.32	0.019	0.06	<0.1	0.04	6.1	<0.1	<0.05	8	<0.5	<0.2
1029909	Soil	8	39	0.59	245	0.083	<1	2.46	0.010	0.07	0.1	0.03	3.1	<0.1	<0.05	7	<0.5	<0.2
1029910	Soil	5	39	1.69	405	0.245	<1	2.91	0.022	0.42	0.1	<0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1029911	Soil	3	55	2.90	405	0.291	<1	3.46	0.013	1.12	<0.1	0.01	1.6	0.3	<0.05	8	<0.5	<0.2
1029912	Soil	10	36	0.67	259	0.103	<1	2.48	0.012	0.06	0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1029913	Soil	7	42	0.95	209	0.112	<1	2.88	0.011	0.07	0.1	0.02	4.1	<0.1	<0.05	7	<0.5	<0.2
1029914	Soil	13	42	0.61	242	0.083	1	2.20	0.019	0.06	0.1	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1029915	Soil	14	28	0.69	175	0.020	<1	1.84	0.009	0.10	0.1	0.02	3.8	<0.1	<0.05	5	0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029916	Soil	1.2	38.2	7.6	65	<0.1	27.4	15.1	404	3.70	8.6	0.5	0.6	3.1	22	0.1	0.5	0.1	86	0.18	0.039
1029917	Soil	1.1	30.1	10.5	73	<0.1	21.9	13.9	483	3.48	9.4	0.6	1.4	4.1	14	0.2	0.6	0.2	79	0.16	0.039
1029918	Soil	1.3	41.4	10.5	70	0.1	23.9	13.9	368	3.77	9.1	0.7	1.0	3.2	22	0.2	0.5	0.2	95	0.24	0.030
1029919	Soil	0.7	38.3	7.3	93	<0.1	23.1	18.4	659	4.65	7.1	0.4	0.9	2.6	26	0.1	0.4	<0.1	122	0.26	0.036
1029920	Soil	1.5	23.3	10.1	67	<0.1	22.9	12.7	384	3.46	9.2	0.6	3.4	4.2	17	<0.1	0.6	0.2	86	0.17	0.026
1029921	Soil	0.5	33.9	8.0	66	<0.1	21.7	10.4	337	2.78	8.6	1.9	3.0	4.5	30	<0.1	0.6	0.2	65	0.33	0.050
1029922	Soil	1.3	23.2	10.2	67	<0.1	21.2	14.3	395	3.32	9.4	0.5	2.5	2.9	15	0.2	0.5	0.2	92	0.15	0.031
1029923	Soil	0.7	30.9	10.1	53	<0.1	24.2	10.7	427	2.86	9.6	0.9	4.7	3.8	31	<0.1	0.6	0.1	68	0.33	0.056
1029924	Soil	1.3	15.7	10.0	55	<0.1	19.5	13.2	377	3.40	7.6	0.7	0.8	4.4	15	<0.1	0.5	0.3	82	0.14	0.019
1029925	Soil	0.6	27.1	8.3	57	<0.1	27.3	11.7	369	2.78	8.9	1.0	1.7	6.6	18	<0.1	0.6	0.1	67	0.22	0.040
1029926	Soil	1.1	49.0	9.6	64	<0.1	19.8	10.8	393	3.22	9.5	1.2	3.3	4.3	23	0.1	0.6	0.2	73	0.25	0.045
1029927	Soil	1.7	58.6	9.5	97	<0.1	19.8	20.4	592	5.46	10.0	0.6	1.2	3.3	12	0.1	0.6	0.2	77	0.15	0.047
1029928	Soil	0.8	37.8	8.5	60	<0.1	24.8	11.2	328	2.97	11.0	0.9	0.6	4.1	19	<0.1	0.7	0.2	61	0.20	0.035
1029929	Soil	0.7	62.9	7.3	74	<0.1	24.0	17.4	625	3.64	6.9	1.2	2.2	4.2	21	<0.1	0.5	0.1	89	0.29	0.068
1029930	Soil	1.1	34.3	9.2	58	<0.1	17.3	9.0	346	3.01	9.2	1.1	1.7	3.2	21	<0.1	0.4	0.2	71	0.24	0.048
1029701	Soil	0.7	34.7	5.5	57	<0.1	19.8	13.9	426	3.71	6.6	0.9	0.9	6.7	33	<0.1	0.5	<0.1	69	0.46	0.046
1029702	Soil	0.6	41.9	5.7	63	<0.1	24.5	17.1	456	4.34	6.5	0.9	2.2	7.3	37	<0.1	0.4	<0.1	76	0.46	0.053
1029703	Soil	0.7	14.6	5.7	38	<0.1	18.7	9.0	321	2.54	9.1	0.5	21.5	3.9	30	<0.1	0.5	0.1	61	0.47	0.053
1029704	Soil	0.6	28.3	6.0	47	<0.1	23.7	9.4	385	2.74	9.5	0.7	2.3	4.5	37	<0.1	0.5	<0.1	64	0.51	0.074
1029705	Soil	0.5	33.3	7.2	68	<0.1	29.2	14.7	515	3.24	9.1	0.5	4.1	5.4	37	<0.1	0.5	0.1	66	0.53	0.058
1029706	Soil	0.5	33.0	6.0	69	<0.1	28.0	16.0	504	3.44	8.2	0.4	5.9	5.1	34	<0.1	0.5	0.1	64	0.54	0.063
1029707	Soil	0.9	9.9	5.4	40	<0.1	13.9	6.9	239	2.24	7.2	0.4	6.3	3.1	26	<0.1	0.4	0.1	54	0.35	0.043
1029708	Soil	0.6	29.6	7.1	56	0.1	24.2	9.0	366	2.35	9.5	0.6	4.4	3.1	51	0.1	0.7	0.1	52	0.74	0.072
1030728	Soil	0.5	6.7	4.9	65	<0.1	11.2	14.6	556	3.37	4.0	0.6	<0.5	12.5	27	<0.1	0.3	<0.1	76	0.40	0.058
1030729	Soil	0.6	14.0	6.0	62	<0.1	17.1	12.6	419	3.18	7.5	0.4	0.8	4.4	24	<0.1	0.4	<0.1	74	0.28	0.035
1030730	Soil	0.3	11.2	3.9	72	<0.1	16.2	21.6	775	4.19	4.7	0.3	<0.5	5.8	35	<0.1	0.1	<0.1	102	0.65	0.098
1030731	Soil	0.4	12.6	4.4	67	<0.1	17.0	17.5	569	3.74	5.6	0.4	<0.5	7.5	19	<0.1	0.3	<0.1	88	0.34	0.054
1030732	Soil	0.7	25.7	8.0	66	<0.1	25.9	13.4	410	3.46	11.7	0.6	2.5	8.1	24	<0.1	0.7	0.1	79	0.27	0.027
1030733	Soil	0.7	12.5	6.0	73	<0.1	14.8	14.6	494	3.45	5.3	0.4	<0.5	4.9	34	<0.1	0.3	<0.1	77	0.45	0.055
1030734	Soil	0.3	10.4	3.6	78	<0.1	10.6	16.3	608	3.73	5.0	0.4	<0.5	11.5	21	<0.1	0.2	<0.1	83	0.41	0.098

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029916	Soil		8	41	1.02	202	0.138	<1	2.76	0.012	0.12	0.1	0.03	3.3	<0.1	<0.05	8	<0.5	<0.2
1029917	Soil		9	37	0.65	228	0.081	<1	2.41	0.011	0.07	0.1	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
1029918	Soil		10	40	0.96	234	0.119	<1	2.59	0.015	0.06	0.1	0.02	4.8	0.1	<0.05	8	<0.5	<0.2
1029919	Soil		6	36	1.62	330	0.274	<1	3.04	0.016	0.48	<0.1	0.02	5.4	0.2	<0.05	10	<0.5	<0.2
1029920	Soil		8	39	0.89	260	0.136	1	2.58	0.010	0.13	0.1	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
1029921	Soil		18	33	0.63	689	0.087	2	1.76	0.013	0.09	0.2	0.04	6.1	<0.1	<0.05	5	<0.5	<0.2
1029922	Soil		8	38	0.66	275	0.087	<1	2.55	0.012	0.06	0.2	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1029923	Soil		15	37	0.62	306	0.092	1	1.73	0.016	0.09	0.1	0.04	5.1	<0.1	<0.05	5	<0.5	<0.2
1029924	Soil		10	37	0.61	219	0.070	<1	2.39	0.010	0.09	0.1	0.01	3.9	0.1	<0.05	7	<0.5	<0.2
1029925	Soil		13	33	0.61	194	0.080	<1	1.89	0.009	0.07	0.2	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1029926	Soil		16	34	0.74	298	0.086	1	2.19	0.012	0.09	0.2	0.03	5.0	0.1	<0.05	7	0.7	<0.2
1029927	Soil		9	50	1.46	269	0.065	1	3.56	0.015	0.15	0.1	0.02	6.7	0.1	<0.05	10	0.9	<0.2
1029928	Soil		13	34	0.70	223	0.085	1	1.98	0.013	0.09	0.2	0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1029929	Soil		14	41	1.26	303	0.155	1	2.54	0.017	0.34	0.1	0.03	4.8	0.2	<0.05	8	<0.5	<0.2
1029930	Soil		16	33	0.65	256	0.075	2	1.96	0.014	0.06	0.2	0.04	4.4	0.1	<0.05	7	0.5	<0.2
1029701	Soil		19	31	1.17	422	0.126	<1	2.35	0.011	0.16	<0.1	0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1029702	Soil		23	34	1.44	295	0.128	1	2.95	0.013	0.14	<0.1	0.02	5.9	<0.1	<0.05	8	0.8	<0.2
1029703	Soil		11	48	0.56	199	0.070	2	1.39	0.016	0.09	0.2	<0.01	3.7	<0.1	<0.05	4	0.7	<0.2
1029704	Soil		15	32	0.57	214	0.076	2	1.12	0.023	0.09	0.2	0.05	3.5	<0.1	<0.05	4	<0.5	<0.2
1029705	Soil		15	42	1.02	309	0.121	1	1.96	0.022	0.11	0.2	0.03	4.0	<0.1	<0.05	6	0.7	<0.2
1029706	Soil		13	36	1.19	279	0.133	1	1.96	0.017	0.12	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1029707	Soil		9	24	0.49	187	0.076	<1	1.26	0.013	0.07	0.2	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1029708	Soil		14	28	0.58	309	0.064	2	1.28	0.033	0.07	0.2	0.03	3.6	<0.1	<0.05	4	0.6	<0.2
1030728	Soil		15	22	1.30	218	0.157	<1	2.60	0.011	0.81	<0.1	0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1030729	Soil		8	29	1.01	158	0.164	1	2.10	0.011	0.40	<0.1	<0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1030730	Soil		8	31	1.94	236	0.294	1	3.00	0.018	1.04	<0.1	<0.01	2.3	0.2	<0.05	8	0.6	<0.2
1030731	Soil		8	28	1.46	156	0.255	<1	2.58	0.015	0.92	<0.1	<0.01	2.9	0.2	<0.05	7	<0.5	<0.2
1030732	Soil		11	38	1.03	196	0.170	1	2.45	0.013	0.34	0.1	0.01	3.5	0.2	<0.05	6	0.6	<0.2
1030733	Soil		6	26	1.18	201	0.216	1	2.52	0.013	0.46	<0.1	<0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1030734	Soil		13	18	1.39	205	0.264	<1	2.59	0.016	1.12	<0.1	<0.01	1.5	0.2	<0.05	8	0.7	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030701	Soil		0.7	33.5	5.2	81	<0.1	29.0	22.8	962	4.23	7.9	0.3	1.2	2.0	37	0.2	0.3	<0.1	83	0.53	0.225
1030702	Soil		0.7	17.9	5.9	59	<0.1	13.3	8.3	430	2.61	4.6	0.6	1.1	3.5	47	<0.1	0.4	<0.1	50	0.59	0.046
1030703	Soil		0.9	15.3	7.0	58	<0.1	14.6	8.8	357	2.65	6.9	0.6	3.8	3.6	36	0.1	0.5	0.1	58	0.41	0.043
1030704	Soil		0.8	25.6	7.1	65	<0.1	20.8	10.8	434	3.13	8.6	1.1	3.0	4.4	39	<0.1	0.6	0.1	60	0.46	0.052
1030705	Soil		0.6	10.7	4.2	62	<0.1	11.0	11.6	499	3.17	4.7	0.4	1.2	2.6	35	0.1	0.3	<0.1	46	0.44	0.077
1030706	Soil		0.8	22.9	7.6	63	<0.1	19.3	10.1	397	2.89	9.4	1.2	4.2	4.3	39	<0.1	0.5	0.1	61	0.42	0.055
1030707	Soil		0.6	17.9	5.8	59	<0.1	13.0	9.7	342	2.74	6.1	0.5	2.1	3.5	38	<0.1	0.4	<0.1	53	0.46	0.057
1030708	Soil		0.7	15.4	6.9	52	<0.1	16.5	9.9	318	2.74	7.6	0.6	17.9	3.4	32	<0.1	0.5	<0.1	55	0.38	0.045
1030709	Soil		1.0	26.5	8.8	60	<0.1	23.7	11.4	267	3.04	10.7	0.8	3.2	4.9	20	<0.1	0.6	0.2	61	0.20	0.034
1030710	Soil		0.9	20.7	6.7	60	<0.1	18.2	9.7	313	3.10	9.0	0.5	4.0	3.8	19	<0.1	0.5	0.1	59	0.21	0.022
1030711	Soil		1.0	22.2	8.9	59	<0.1	17.9	11.4	362	3.84	15.4	0.5	0.7	3.1	18	<0.1	0.5	0.1	64	0.19	0.037
1030712	Soil		0.5	18.5	5.2	52	<0.1	15.9	13.1	439	3.79	7.3	0.5	2.2	2.9	15	<0.1	0.5	<0.1	50	0.17	0.039
1030713	Soil		0.8	17.3	6.4	53	<0.1	15.8	9.1	289	2.93	6.7	0.4	2.0	3.3	23	<0.1	0.5	0.1	57	0.21	0.013
1030714	Soil		1.3	15.9	6.6	77	<0.1	16.3	13.4	564	5.37	9.5	0.4	1.3	2.2	23	<0.1	0.5	0.1	70	0.26	0.048
1030715	Soil		0.8	27.4	6.6	58	<0.1	23.2	10.9	299	3.11	10.5	1.0	3.9	5.7	26	<0.1	0.7	0.1	64	0.27	0.020
1030716	Soil		1.2	12.6	5.9	69	<0.1	12.1	8.6	801	3.48	6.7	0.4	1.0	2.6	16	<0.1	0.4	0.2	46	0.17	0.028
1030717	Soil		0.6	29.8	10.2	56	<0.1	21.2	12.3	234	2.86	10.4	0.3	1.0	2.8	14	0.3	0.5	0.2	78	0.21	0.029
1030718	Soil		0.6	64.7	4.2	59	<0.1	21.3	18.3	446	3.30	5.1	0.2	<0.5	1.9	21	0.1	0.2	<0.1	77	0.39	0.075
1030719	Soil		0.3	56.1	4.5	47	<0.1	20.5	17.7	279	2.56	5.5	0.1	<0.5	1.4	13	<0.1	0.1	<0.1	57	0.28	0.052
1030720	Soil		0.4	32.4	3.6	55	<0.1	21.3	19.4	341	2.90	3.2	0.1	0.6	1.0	22	<0.1	0.1	<0.1	74	0.35	0.072
1030721	Soil		0.7	32.6	7.6	59	<0.1	24.5	14.9	366	3.02	5.5	0.6	1.2	4.4	35	0.1	0.4	<0.1	65	0.38	0.033
1030722	Soil		0.6	19.8	7.8	55	<0.1	23.5	11.2	299	2.83	7.0	0.4	1.0	4.4	27	<0.1	0.3	0.1	51	0.34	0.025
1030723	Soil		0.5	22.6	7.8	51	<0.1	23.7	12.3	376	2.51	4.9	0.6	0.8	5.7	30	0.1	0.3	<0.1	53	0.58	0.030
1030724	Soil		0.8	19.9	7.4	93	0.2	15.1	9.4	589	2.56	7.3	0.4	0.7	2.9	27	0.4	0.4	0.1	43	0.29	0.029
1030725	Soil		0.9	42.1	8.0	79	<0.1	21.6	9.9	360	2.89	7.9	0.7	2.3	4.0	27	0.1	0.6	0.2	59	0.30	0.038
1030726	Soil		0.9	29.2	7.6	84	<0.1	18.1	8.7	265	2.52	7.8	0.6	1.1	3.7	23	0.2	0.5	0.1	46	0.30	0.033
1030727	Soil		1.2	25.2	7.9	86	<0.1	18.5	9.0	251	2.48	8.6	0.5	1.8	3.4	23	0.1	0.4	0.1	48	0.29	0.034
1030735	Soil		0.7	14.3	6.8	65	<0.1	19.2	13.4	423	3.40	8.1	0.4	0.7	6.2	20	<0.1	0.4	0.2	74	0.24	0.035
1030736	Soil		0.5	14.8	3.5	78	<0.1	10.2	17.5	642	3.88	3.8	0.4	1.0	7.0	25	<0.1	0.2	0.1	55	0.41	0.115
1030737	Soil		0.6	11.5	6.1	65	<0.1	12.5	12.8	470	3.32	6.3	0.3	0.6	5.5	19	<0.1	0.3	0.1	63	0.26	0.061

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030701	Soil		4	42	1.47	236	0.131	1	3.20	0.033	0.07	0.1	0.01	4.1	<0.1	<0.05	10	0.5	<0.2
1030702	Soil		12	23	0.48	226	0.107	1	1.84	0.014	0.07	0.1	0.01	3.8	<0.1	<0.05	6	0.6	<0.2
1030703	Soil		13	27	0.54	220	0.102	<1	1.86	0.016	0.06	0.1	<0.01	3.5	<0.1	<0.05	6	0.6	<0.2
1030704	Soil		16	32	0.60	367	0.111	1	2.05	0.021	0.08	0.1	0.03	6.1	<0.1	<0.05	6	0.5	<0.2
1030705	Soil		7	18	0.55	192	0.141	1	2.15	0.015	0.17	0.1	<0.01	3.3	<0.1	<0.05	7	0.7	<0.2
1030706	Soil		15	34	0.55	301	0.086	<1	1.91	0.020	0.07	0.2	0.05	5.8	<0.1	<0.05	6	0.6	<0.2
1030707	Soil		11	25	0.55	206	0.108	1	1.78	0.021	0.07	0.1	0.01	4.1	<0.1	<0.05	6	0.5	<0.2
1030708	Soil		11	27	0.53	195	0.100	1	1.64	0.017	0.06	0.2	0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1030709	Soil		11	34	0.54	196	0.088	2	2.38	0.013	0.09	0.2	0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
1030710	Soil		10	28	0.54	169	0.078	1	2.52	0.011	0.06	<0.1	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1030711	Soil		8	31	0.72	146	0.095	<1	2.58	0.015	0.07	0.1	<0.01	6.0	<0.1	<0.05	10	0.7	<0.2
1030712	Soil		7	26	0.71	206	0.033	<1	2.62	0.011	0.08	<0.1	0.01	5.5	<0.1	<0.05	9	<0.5	<0.2
1030713	Soil		9	31	0.56	221	0.065	<1	2.14	0.011	0.04	<0.1	0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1030714	Soil		8	38	0.89	271	0.060	2	3.56	0.016	0.07	<0.1	0.02	8.6	<0.1	0.06	12	1.0	<0.2
1030715	Soil		19	39	0.70	234	0.094	1	2.23	0.015	0.07	0.1	0.02	7.9	<0.1	<0.05	6	<0.5	<0.2
1030716	Soil		6	23	0.52	294	0.023	1	1.72	0.008	0.05	0.1	0.02	3.5	<0.1	<0.05	7	0.7	<0.2
1030717	Soil		5	29	0.57	173	0.077	<1	1.81	0.017	0.04	0.1	0.01	2.7	<0.1	<0.05	5	1.0	<0.2
1030718	Soil		3	34	1.39	254	0.162	1	2.23	0.013	0.24	0.1	<0.01	1.9	<0.1	<0.05	6	0.7	<0.2
1030719	Soil		2	29	1.18	208	0.147	<1	1.85	0.012	0.26	0.1	<0.01	1.2	<0.1	<0.05	4	<0.5	<0.2
1030720	Soil		1	29	1.41	330	0.195	<1	2.00	0.011	0.42	<0.1	<0.01	1.1	<0.1	<0.05	5	<0.5	<0.2
1030721	Soil		7	54	1.07	143	0.140	1	1.99	0.010	0.11	<0.1	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1030722	Soil		6	47	0.77	191	0.118	<1	1.99	0.012	0.16	0.1	0.01	2.5	<0.1	<0.05	7	<0.5	<0.2
1030723	Soil		10	49	0.83	140	0.107	<1	2.00	0.018	0.09	<0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1030724	Soil		6	23	0.40	302	0.073	<1	1.31	0.009	0.20	<0.1	0.01	2.6	<0.1	<0.05	5	0.6	<0.2
1030725	Soil		13	29	0.70	277	0.094	<1	1.63	0.025	0.08	0.1	0.03	4.9	<0.1	<0.05	6	<0.5	<0.2
1030726	Soil		12	24	0.51	249	0.067	<1	1.32	0.014	0.06	0.2	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1030727	Soil		10	25	0.51	234	0.066	1	1.41	0.014	0.06	0.1	0.02	2.8	<0.1	<0.05	4	0.6	<0.2
1030735	Soil		8	28	1.04	181	0.175	1	2.28	0.010	0.43	0.1	0.02	2.0	0.2	<0.05	7	<0.5	<0.2
1030736	Soil		12	15	1.34	142	0.137	<1	2.17	0.007	0.21	<0.1	<0.01	1.1	<0.1	<0.05	7	<0.5	<0.2
1030737	Soil		8	21	0.96	166	0.190	<1	2.22	0.007	0.41	<0.1	0.01	1.5	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026630	Soil	0.5	18.7	7.5	94	<0.1	15.7	13.2	701	3.36	5.2	0.7	3.4	3.7	20	0.2	0.4	0.1	80	0.36	0.079
1026631	Soil	3.3	28.4	10.3	118	0.2	16.6	13.6	628	4.16	17.9	0.8	4.3	6.4	25	0.2	0.5	0.1	80	0.40	0.090
1026632	Soil	0.2	28.5	5.7	61	<0.1	19.6	14.5	345	2.53	3.5	0.5	3.8	2.5	23	<0.1	0.3	0.1	65	0.47	0.086
1026627	Soil	0.7	63.9	9.4	92	0.4	31.9	21.1	987	4.03	6.7	2.0	1.8	3.5	29	0.2	0.3	0.2	100	0.54	0.087
1026633	Soil	0.2	28.2	6.1	71	<0.1	21.4	12.1	276	2.65	3.9	0.5	2.7	3.2	21	0.1	0.3	<0.1	71	0.35	0.072
1026757	Soil	1.3	106.5	4.6	92	0.1	12.8	13.2	423	3.54	3.4	0.6	2.8	3.1	21	0.1	0.2	0.1	86	0.26	0.050
1026764	Soil	1.1	14.1	6.6	55	0.1	11.0	7.7	228	2.42	6.0	0.3	3.3	1.5	18	<0.1	0.2	0.1	67	0.21	0.046
1026765	Soil	0.6	14.6	5.1	52	<0.1	9.1	7.6	205	1.99	3.6	0.4	2.6	1.0	14	<0.1	0.2	<0.1	52	0.19	0.038
1026766	Soil	0.8	15.6	6.5	61	<0.1	9.0	10.6	355	2.61	4.4	0.4	4.7	1.0	15	<0.1	0.2	0.1	85	0.19	0.038
1026767	Soil	0.5	11.6	7.5	54	<0.1	10.3	6.1	136	1.97	4.3	0.4	1.8	1.4	15	<0.1	0.3	0.1	53	0.19	0.040
1026768	Soil	0.5	12.4	6.3	41	<0.1	8.6	4.1	95	1.71	4.7	0.5	0.9	0.6	16	<0.1	0.2	0.1	35	0.16	0.039
1026769	Soil	0.3	11.6	6.7	42	<0.1	9.1	4.1	120	1.64	4.6	0.5	3.6	1.0	15	<0.1	0.2	0.1	39	0.18	0.039
1026770	Soil	0.4	11.9	5.0	51	<0.1	7.0	6.0	135	1.77	2.6	0.3	3.9	0.7	13	<0.1	0.2	0.1	44	0.16	0.024
1026771	Soil	0.4	11.7	6.9	40	0.2	6.6	3.2	118	1.14	1.8	0.4	2.0	1.0	15	<0.1	0.1	<0.1	22	0.15	0.029
1026772	Soil	0.8	28.5	8.8	108	<0.1	13.6	10.6	393	3.25	5.1	0.6	3.2	2.7	22	<0.1	0.3	0.1	83	0.19	0.029
1026600	Soil	0.6	24.3	5.9	61	<0.1	24.9	13.2	360	2.96	5.6	0.4	<0.5	2.7	29	0.1	0.4	<0.1	68	0.31	0.082
1026773	Soil	0.7	53.5	5.8	300	<0.1	9.8	23.2	585	5.34	1.9	0.9	1.8	2.1	27	0.5	0.1	<0.1	174	0.28	0.035
1026774	Soil	1.0	39.4	7.6	120	<0.1	14.5	12.6	453	3.51	3.4	1.1	6.3	4.5	9	<0.1	0.2	<0.1	73	0.15	0.049
1026775	Soil	1.6	76.6	8.0	128	<0.1	22.5	15.3	497	5.65	9.6	1.1	1.6	8.4	12	<0.1	0.3	<0.1	113	0.19	0.054
1026776	Soil	1.3	44.3	7.0	126	<0.1	15.8	13.5	474	5.26	7.9	0.7	0.8	5.7	12	<0.1	0.2	<0.1	93	0.18	0.049
1026777	Soil	1.0	72.0	7.7	131	<0.1	23.2	22.9	922	5.29	3.3	0.6	2.1	3.0	16	<0.1	0.3	0.1	131	0.35	0.076
1026778	Soil	0.8	19.3	7.5	46	<0.1	14.5	6.4	201	2.23	5.6	0.6	3.6	0.9	18	<0.1	0.3	0.2	52	0.18	0.039
1026779	Soil	0.7	21.9	5.8	118	<0.1	15.7	14.4	846	4.20	3.8	0.8	3.1	4.0	26	<0.1	0.2	<0.1	80	0.38	0.066
1026780	Soil	0.6	36.5	11.0	105	<0.1	29.8	18.8	734	4.28	3.6	1.3	33.1	6.5	33	0.1	0.3	0.2	98	0.44	0.051
1026781	Soil	1.1	26.1	9.8	77	0.1	26.5	12.9	450	3.48	9.4	1.2	4.0	6.9	15	0.1	0.6	0.2	75	0.14	0.025
1026782	Soil	0.5	30.2	5.4	135	<0.1	23.6	16.3	809	4.18	3.5	0.7	2.3	4.0	16	<0.1	0.2	<0.1	84	0.20	0.034
1027720	Soil	1.4	37.3	8.7	97	0.6	22.6	23.0	795	4.64	9.4	0.8	2.1	3.0	28	0.1	0.4	0.1	126	0.50	0.115
1027721	Soil	0.4	25.5	11.5	69	<0.1	20.3	12.5	277	2.78	6.4	1.3	2.3	3.7	20	<0.1	0.5	0.3	76	0.36	0.080
1027722	Soil	0.6	84.3	9.8	93	0.1	25.0	18.3	283	3.70	7.2	0.9	4.0	5.1	28	0.1	0.5	0.2	94	0.37	0.095
1027735	Soil	0.5	22.9	7.7	77	0.2	20.0	11.5	299	2.84	5.0	0.6	3.4	2.6	23	0.1	0.3	0.1	69	0.33	0.082

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026630	Soil	11	25	0.94	236	0.188	<1	1.89	0.014	0.51	0.1	0.04	5.8	0.3	<0.05	7	<0.5	<0.2
1026631	Soil	15	26	0.89	243	0.139	1	1.79	0.016	0.44	<0.1	0.02	6.5	0.3	0.05	7	0.8	<0.2
1026632	Soil	8	27	1.23	155	0.122	<1	1.67	0.013	0.22	0.3	0.02	3.4	0.2	<0.05	5	0.7	<0.2
1026627	Soil	18	45	1.26	394	0.139	<1	2.56	0.013	0.39	0.1	0.06	7.6	0.3	<0.05	8	<0.5	<0.2
1026633	Soil	10	47	1.13	226	0.155	<1	1.75	0.014	0.32	0.1	0.02	3.8	0.2	<0.05	6	0.6	<0.2
1026757	Soil	8	26	1.15	515	0.142	<1	1.92	0.019	0.38	<0.1	0.01	4.9	0.1	0.11	7	0.9	<0.2
1026764	Soil	6	20	0.52	109	0.086	<1	1.26	0.013	0.05	0.1	0.01	2.1	<0.1	<0.05	6	0.8	<0.2
1026765	Soil	6	15	0.46	98	0.057	<1	1.10	0.010	0.04	0.1	0.05	2.0	<0.1	<0.05	4	0.5	<0.2
1026766	Soil	5	16	0.52	75	0.071	<1	1.25	0.011	0.04	0.2	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
1026767	Soil	7	20	0.44	75	0.057	<1	1.22	0.010	0.04	0.2	0.04	1.8	<0.1	<0.05	4	<0.5	<0.2
1026768	Soil	6	18	0.33	67	0.049	<1	0.96	0.009	0.04	0.2	0.04	1.5	<0.1	<0.05	4	0.9	<0.2
1026769	Soil	7	21	0.36	76	0.056	1	1.00	0.011	0.04	0.1	0.03	1.5	<0.1	<0.05	4	0.7	<0.2
1026770	Soil	5	15	0.48	70	0.078	<1	1.05	0.011	0.09	0.1	0.04	1.8	<0.1	<0.05	5	<0.5	<0.2
1026771	Soil	6	17	0.33	101	0.062	<1	0.92	0.010	0.06	0.1	0.05	1.7	<0.1	0.06	4	0.7	<0.2
1026772	Soil	8	22	0.89	280	0.123	<1	2.05	0.014	0.19	<0.1	0.02	3.3	<0.1	0.11	5	1.0	<0.2
1026600	Soil	7	46	0.89	163	0.154	<1	2.09	0.010	0.21	0.1	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
1026773	Soil	8	9	1.82	345	0.178	<1	2.92	0.022	0.87	<0.1	0.01	9.0	0.2	0.16	8	1.0	0.3
1026774	Soil	6	26	1.15	194	0.148	<1	2.39	0.013	0.24	<0.1	0.02	2.1	<0.1	<0.05	7	1.0	<0.2
1026775	Soil	12	47	1.44	288	0.156	<1	3.46	0.011	0.63	<0.1	0.01	9.3	0.2	0.07	12	1.4	0.3
1026776	Soil	8	33	1.47	275	0.190	<1	3.45	0.009	0.69	<0.1	0.01	10.2	0.2	0.07	12	0.7	<0.2
1026777	Soil	8	54	2.00	372	0.171	2	3.32	0.019	0.40	<0.1	0.02	7.5	0.1	<0.05	11	<0.5	<0.2
1026778	Soil	8	25	0.47	168	0.064	<1	1.53	0.013	0.07	<0.1	0.03	1.9	<0.1	<0.05	5	0.6	<0.2
1026779	Soil	24	30	1.59	359	0.240	1	2.73	0.014	0.71	<0.1	<0.01	4.3	0.4	<0.05	8	<0.5	<0.2
1026780	Soil	20	76	1.85	396	0.197	1	2.86	0.015	0.62	<0.1	<0.01	6.4	0.4	<0.05	8	<0.5	<0.2
1026781	Soil	13	50	0.80	210	0.114	2	2.61	0.009	0.09	0.2	0.03	4.4	0.1	<0.05	7	<0.5	<0.2
1026782	Soil	23	46	1.57	314	0.232	2	2.67	0.013	0.70	<0.1	0.02	5.5	0.3	<0.05	10	<0.5	<0.2
1027720	Soil	12	36	1.29	353	0.200	2	2.18	0.015	0.47	0.1	0.05	5.0	0.3	<0.05	8	<0.5	<0.2
1027721	Soil	14	28	0.86	218	0.133	2	1.89	0.010	0.10	0.2	0.04	4.6	0.2	<0.05	6	<0.5	<0.2
1027722	Soil	17	37	1.09	230	0.159	2	2.00	0.015	0.25	0.1	0.02	6.1	0.2	<0.05	6	<0.5	<0.2
1027735	Soil	10	33	0.94	203	0.148	2	1.85	0.012	0.28	0.1	0.05	3.9	0.3	<0.05	6	<0.5	<0.2

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Project: PED
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CERTIFICATE OF ANALYSIS VAN11002503.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026576	Soil	0.8	41.6	7.5	74	<0.1	72.2	16.6	571	3.72	6.5	0.5	3.3	1.3	41	<0.1	0.5	0.1	86	0.36	0.056
1026577	Soil	0.4	75.2	8.9	47	0.2	24.0	11.3	189	2.36	6.9	1.0	4.1	3.1	26	0.1	0.5	0.2	71	0.29	0.056
1026593	Soil	0.7	69.3	7.5	64	0.1	18.0	12.9	285	3.04	5.9	1.4	3.4	4.0	22	0.1	0.4	0.1	72	0.31	0.101
1026594	Soil	0.9	38.6	6.4	70	0.1	18.9	14.1	424	3.58	6.1	0.7	4.2	2.9	25	0.1	0.4	0.1	76	0.23	0.058
1026595	Soil	0.7	26.9	6.7	57	<0.1	20.9	11.6	383	2.87	7.4	0.9	2.8	3.2	21	<0.1	0.4	0.1	64	0.21	0.053
1026596	Soil	0.9	13.6	4.1	22	0.2	9.0	4.6	117	1.20	2.1	0.6	1.5	<0.1	21	0.2	0.3	0.1	30	0.16	0.113
1026597	Soil	0.9	17.4	4.8	39	0.1	10.7	5.1	182	1.58	2.6	0.5	3.5	0.1	37	0.3	0.3	0.1	40	0.29	0.107
1026598	Soil	1.2	23.6	5.9	56	0.1	14.9	9.7	551	2.16	4.2	0.7	1.5	0.3	22	0.5	0.4	0.3	53	0.19	0.099
1026599	Soil	0.7	25.3	6.5	64	<0.1	20.6	12.6	346	2.99	5.6	0.7	5.0	2.9	33	0.2	0.4	0.1	71	0.33	0.089
1027745	Soil	0.7	46.1	9.2	64	<0.1	22.6	16.8	482	3.36	7.5	0.6	16.2	2.6	23	0.2	0.4	0.2	81	0.34	0.092
1027746	Soil	1.2	43.5	7.4	60	0.1	17.8	13.2	289	3.18	5.8	0.7	5.1	1.3	27	<0.1	0.4	0.3	76	0.27	0.057
1027747	Soil	0.8	20.4	8.8	70	<0.1	16.1	12.1	504	3.52	8.5	0.6	3.7	3.3	17	0.2	0.4	0.2	79	0.26	0.063
1027748	Soil	1.5	23.2	8.0	65	0.2	13.5	11.3	430	3.00	6.6	0.8	1.4	3.2	20	0.2	0.3	0.2	76	0.25	0.066
1027749	Soil	0.7	37.1	10.2	66	<0.1	21.0	9.9	212	3.23	7.4	1.4	3.0	7.0	23	0.2	0.5	0.2	63	0.30	0.070
1027750	Soil	0.5	35.5	7.3	80	<0.1	21.6	14.6	297	3.25	4.8	1.1	3.2	7.0	25	0.1	0.3	0.1	71	0.36	0.095
1009795	Soil	0.7	22.8	7.5	48	<0.1	23.2	11.5	321	2.67	8.4	0.6	0.7	4.6	23	<0.1	0.4	0.1	61	0.32	0.024
1009796	Soil	0.7	22.0	7.8	49	<0.1	23.2	11.7	353	2.64	7.8	0.6	6.5	4.4	23	<0.1	0.4	0.1	60	0.31	0.029
1026938	Soil	0.5	35.7	6.0	69	<0.1	33.7	17.5	543	3.33	6.4	0.5	1.4	3.7	73	0.1	0.4	0.1	72	0.49	0.129
1029931	Soil	0.4	75.5	4.4	72	<0.1	17.5	18.9	584	4.08	4.1	0.3	0.9	2.0	29	0.1	0.2	<0.1	96	0.50	0.134
1029932	Soil	0.8	45.4	7.1	51	<0.1	22.8	11.5	444	2.69	8.4	0.6	4.0	2.1	24	<0.1	0.5	0.1	73	0.30	0.078
1029933	Soil	0.5	21.0	8.6	60	<0.1	28.0	14.4	342	3.05	12.3	0.9	<0.5	8.4	22	<0.1	0.4	0.1	62	0.33	0.030
1029934	Soil	0.6	36.3	8.6	58	<0.1	32.7	12.6	302	3.02	31.4	0.9	1.9	5.6	30	<0.1	0.6	0.2	68	0.31	0.034
1029935	Soil	0.8	34.8	7.3	56	<0.1	27.1	12.5	305	2.67	8.5	0.8	2.7	3.5	17	<0.1	0.5	0.2	67	0.23	0.051
1029969	Soil	0.6	26.5	8.4	50	<0.1	23.6	12.9	372	2.88	14.7	0.6	0.6	6.0	28	<0.1	0.5	0.1	61	0.49	0.030
1029651	Soil	0.6	35.1	9.3	62	<0.1	33.4	12.4	325	2.96	11.5	1.3	1.4	6.0	34	<0.1	0.5	0.2	71	0.29	0.032
1029652	Soil	1.0	43.3	9.9	112	<0.1	29.4	16.6	533	3.49	8.3	0.9	4.6	4.4	30	0.2	0.5	0.2	82	0.36	0.046
1029653	Soil	1.0	44.1	9.8	75	<0.1	27.8	13.4	453	3.13	10.4	1.0	5.6	3.6	28	<0.1	0.5	0.2	75	0.33	0.033
1029654	Soil	0.9	29.4	8.3	71	<0.1	23.7	10.6	315	2.72	8.9	0.7	3.4	3.6	26	<0.1	0.4	0.2	65	0.31	0.045
1030597	Soil	0.6	57.6	6.3	53	<0.1	24.7	14.0	300	2.89	7.9	0.5	3.4	2.6	42	<0.1	0.5	0.1	73	0.43	0.038
1030598	Soil	0.7	33.1	8.0	64	<0.1	23.1	11.3	360	3.10	8.3	0.6	1.7	3.7	30	<0.1	0.5	0.2	79	0.33	0.027

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026576	Soil	7	163	1.24	126	0.132	3	2.82	0.011	0.10	0.4	0.08	3.6	<0.1	<0.05	9	<0.5	<0.2
1026577	Soil	12	35	0.89	191	0.121	2	1.97	0.015	0.11	0.2	0.07	4.4	0.2	<0.05	6	0.6	<0.2
1026593	Soil	20	30	0.83	215	0.137	1	2.03	0.013	0.21	0.2	0.07	4.2	0.2	<0.05	6	0.7	<0.2
1026594	Soil	10	29	0.82	205	0.146	2	1.80	0.016	0.19	0.2	0.06	2.7	0.2	<0.05	6	<0.5	<0.2
1026595	Soil	16	32	0.75	157	0.114	2	1.94	0.012	0.12	0.2	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1026596	Soil	6	14	0.15	147	0.017	1	0.88	0.017	0.04	<0.1	0.07	0.4	<0.1	0.13	3	0.6	<0.2
1026597	Soil	8	18	0.33	186	0.031	1	1.04	0.019	0.08	0.1	0.09	0.6	<0.1	0.13	3	<0.5	<0.2
1026598	Soil	6	24	0.43	144	0.055	2	1.14	0.020	0.08	<0.1	0.11	1.2	0.1	0.09	5	<0.5	<0.2
1026599	Soil	10	33	0.86	200	0.133	1	1.79	0.012	0.13	0.2	0.04	2.3	0.1	<0.05	6	<0.5	<0.2
1027745	Soil	9	29	0.93	134	0.110	2	1.77	0.013	0.12	0.3	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
1027746	Soil	8	27	0.80	180	0.116	2	1.79	0.017	0.11	0.1	0.05	3.1	0.1	<0.05	6	0.6	<0.2
1027747	Soil	8	28	0.74	133	0.147	2	1.72	0.012	0.16	0.2	0.04	2.9	0.2	<0.05	7	0.7	<0.2
1027748	Soil	10	24	0.61	151	0.161	2	1.27	0.014	0.22	0.2	0.05	2.2	0.2	<0.05	6	<0.5	<0.2
1027749	Soil	17	33	0.75	250	0.132	2	1.79	0.012	0.20	0.1	0.05	4.1	0.2	<0.05	5	0.7	<0.2
1027750	Soil	19	38	0.97	253	0.165	2	1.82	0.014	0.45	0.1	0.04	3.2	0.3	<0.05	6	<0.5	<0.2
1009795	Soil	13	38	0.59	226	0.102	<1	1.61	0.011	0.15	0.1	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1009796	Soil	13	37	0.59	246	0.104	2	1.60	0.012	0.16	0.1	<0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1026938	Soil	11	71	1.14	276	0.136	2	2.29	0.012	0.25	0.2	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1029931	Soil	5	22	1.57	415	0.311	<1	2.50	0.013	1.11	<0.1	<0.01	2.1	0.2	<0.05	7	<0.5	<0.2
1029932	Soil	10	32	0.65	244	0.080	1	1.79	0.012	0.09	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1029933	Soil	13	59	0.90	183	0.161	<1	2.00	0.011	0.21	0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1029934	Soil	16	50	0.55	182	0.102	<1	2.00	0.010	0.09	0.1	0.03	6.3	0.1	<0.05	6	<0.5	<0.2
1029935	Soil	10	36	0.67	163	0.095	1	2.01	0.015	0.07	0.2	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1029969	Soil	14	45	0.68	226	0.098	<1	1.87	0.014	0.13	0.2	0.02	4.7	<0.1	<0.05	6	<0.5	<0.2
1029651	Soil	19	54	0.78	295	0.085	1	2.19	0.013	0.06	0.1	0.04	6.3	<0.1	<0.05	6	<0.5	<0.2
1029652	Soil	12	49	1.13	281	0.120	<1	2.24	0.012	0.09	<0.1	0.02	5.1	<0.1	<0.05	7	<0.5	<0.2
1029653	Soil	15	44	0.82	406	0.091	<1	2.19	0.012	0.07	0.2	0.03	5.7	<0.1	<0.05	6	<0.5	<0.2
1029654	Soil	12	36	0.68	253	0.078	<1	1.89	0.011	0.06	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1030597	Soil	7	33	0.81	182	0.109	<1	2.49	0.017	0.06	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1030598	Soil	12	37	0.71	208	0.104	<1	2.23	0.014	0.05	0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030599	Soil	0.7	30.4	7.8	65	<0.1	28.2	12.7	501	3.29	7.2	0.7	4.0	4.3	31	<0.1	0.6	0.2	81	0.42	0.023
1030600	Soil	0.8	23.7	7.2	60	<0.1	20.0	9.6	360	2.67	7.0	0.8	1.5	4.2	33	0.1	0.5	0.1	58	0.36	0.039
1030738	Soil	1.0	12.9	6.4	71	<0.1	22.2	17.2	592	4.07	8.1	1.7	<0.5	19.4	26	<0.1	0.4	0.1	77	0.31	0.031
1030739	Soil	0.5	20.9	4.7	73	<0.1	16.8	20.9	655	4.62	5.0	0.7	<0.5	8.6	21	<0.1	0.4	0.1	85	0.27	0.049
1030740	Soil	0.6	17.0	4.9	92	<0.1	13.7	19.9	678	4.40	4.7	0.4	0.7	6.2	36	<0.1	0.2	<0.1	89	0.38	0.045
1030741	Soil	0.6	9.7	6.1	86	<0.1	14.6	17.1	480	3.72	4.4	0.7	0.5	8.1	43	<0.1	0.2	<0.1	62	0.45	0.040
1030742	Soil	0.9	27.7	18.4	60	<0.1	28.7	10.1	245	2.99	13.6	1.0	1.5	7.0	28	<0.1	0.7	0.2	69	0.26	0.044
1030743	Soil	0.6	13.2	5.8	81	<0.1	16.3	14.7	673	3.50	5.1	0.5	<0.5	5.0	29	<0.1	0.3	0.1	78	0.35	0.049
1030744	Soil	0.5	11.1	6.0	84	<0.1	17.8	15.6	532	3.44	5.2	0.5	0.6	6.6	33	0.1	0.4	<0.1	78	0.35	0.048
1030746	Soil	0.7	16.8	6.7	67	<0.1	15.9	15.4	495	3.28	4.3	0.6	0.9	5.0	30	<0.1	0.4	<0.1	65	0.31	0.030
1030747	Soil	0.8	39.9	8.1	92	<0.1	13.4	23.4	926	5.84	2.7	0.3	<0.5	1.8	22	<0.1	0.2	0.1	104	0.55	0.102
1030748	Soil	0.8	9.4	5.9	65	<0.1	16.6	10.9	344	2.96	3.1	0.4	0.9	7.6	21	<0.1	0.3	<0.1	64	0.27	0.026
1030749	Soil	0.7	13.4	4.7	64	<0.1	8.3	15.5	687	3.53	1.3	0.5	<0.5	5.3	28	<0.1	0.3	<0.1	48	0.41	0.034
1030750	Soil	0.4	19.0	6.0	37	<0.1	13.2	10.5	309	2.58	6.1	1.0	1.2	11.8	25	<0.1	0.3	<0.1	41	0.33	0.039
1030772	Soil	0.9	36.0	8.2	94	<0.1	22.9	11.9	403	2.74	6.6	0.7	4.2	3.2	26	0.2	0.5	0.2	68	0.31	0.047
1030774	Soil	0.7	59.8	43.4	121	<0.1	26.9	22.7	617	3.95	7.4	0.5	6.6	2.6	25	0.1	0.4	0.2	92	0.37	0.040
1030777	Soil	0.8	55.5	10.0	63	<0.1	40.4	15.9	362	3.29	10.5	0.8	4.0	6.2	25	0.1	0.6	0.2	93	0.32	0.023
1030778	Soil	0.9	32.0	10.7	64	<0.1	23.3	12.9	393	3.19	8.5	0.9	44.2	4.4	28	<0.1	0.5	0.1	74	0.30	0.043
1030779	Soil	0.4	13.5	7.1	97	<0.1	9.6	16.1	1207	4.95	2.1	0.6	<0.5	2.5	35	0.1	0.2	<0.1	104	0.45	0.149
1030780	Soil	0.7	35.0	11.3	60	<0.1	27.1	14.0	320	3.07	10.4	0.6	2.5	4.4	19	<0.1	0.5	0.1	78	0.22	0.036
1030781	Soil	0.6	51.8	7.4	75	<0.1	22.4	12.4	511	3.15	7.9	1.0	3.8	4.4	32	0.1	0.4	0.2	78	0.35	0.059
1030783	Soil	0.6	49.2	5.5	71	<0.1	20.0	19.9	540	4.15	5.5	0.3	2.1	2.1	15	<0.1	0.3	<0.1	108	0.26	0.048
1030784	Soil	0.7	32.2	10.4	62	<0.1	27.1	12.7	324	2.98	9.2	0.7	2.5	4.9	17	0.4	0.7	0.8	70	0.19	0.030
1030785	Soil	0.5	44.0	6.8	93	<0.1	16.7	16.9	543	4.05	3.4	0.5	<0.5	3.3	17	<0.1	<0.1	0.1	103	0.23	0.039
1030786	Soil	0.5	55.5	7.0	72	<0.1	15.0	13.5	437	3.14	5.4	0.7	<0.5	4.6	13	<0.1	0.3	0.2	86	0.20	0.042
1030787	Soil	0.9	35.5	6.7	56	<0.1	15.0	12.5	315	3.05	6.8	0.7	1.2	2.9	23	<0.1	0.3	<0.1	71	0.22	0.025
1030788	Soil	0.6	60.0	5.4	72	<0.1	25.7	17.0	578	3.69	5.6	0.7	1.0	3.5	23	0.1	0.3	<0.1	96	0.26	0.045
1030789	Soil	0.7	41.2	5.9	78	<0.1	13.1	10.7	729	3.96	4.3	1.0	5.4	9.6	35	<0.1	0.2	<0.1	50	0.39	0.037
1030790	Soil	1.0	33.5	8.2	53	<0.1	21.0	13.2	351	3.67	11.1	0.6	5.6	3.1	16	<0.1	0.7	0.1	105	0.19	0.054
1030791	Soil	6.6	106.8	6.0	83	<0.1	16.2	13.3	413	5.32	2.9	0.7	1.4	2.1	37	0.2	0.2	0.1	95	0.26	0.055

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030599	Soil		14	51	0.81	330	0.087	<1	2.05	0.014	0.05	0.1	0.05	7.3	<0.1	<0.05	6	<0.5	<0.2
1030600	Soil		14	33	0.51	275	0.082	<1	1.65	0.012	0.05	0.2	0.04	4.4	<0.1	<0.05	5	<0.5	<0.2
1030738	Soil		24	33	1.30	202	0.092	<1	2.54	0.009	0.32	<0.1	<0.01	6.3	0.1	<0.05	9	<0.5	<0.2
1030739	Soil		21	21	1.59	225	0.185	<1	2.67	0.006	0.74	<0.1	0.01	4.9	0.3	<0.05	8	<0.5	<0.2
1030740	Soil		12	22	1.60	260	0.321	<1	2.64	0.009	0.72	<0.1	<0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1030741	Soil		9	22	1.12	189	0.124	<1	2.51	0.010	0.32	<0.1	<0.01	1.7	0.1	<0.05	7	<0.5	<0.2
1030742	Soil		18	42	0.50	222	0.074	1	2.10	0.009	0.10	0.1	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
1030743	Soil		13	27	1.08	313	0.190	<1	2.18	0.009	0.41	0.1	0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1030744	Soil		11	29	1.01	238	0.166	<1	2.08	0.010	0.34	<0.1	0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1030746	Soil		14	26	1.02	233	0.049	<1	2.27	0.008	0.08	<0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1030747	Soil		6	12	1.92	1086	0.038	<1	3.05	0.013	0.17	<0.1	0.02	6.9	<0.1	<0.05	10	<0.5	<0.2
1030748	Soil		11	29	0.69	271	0.089	<1	2.04	0.010	0.08	<0.1	<0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1030749	Soil		14	12	0.99	460	0.018	<1	2.00	0.008	0.15	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1030750	Soil		33	18	0.52	436	0.038	1	1.47	0.008	0.15	0.1	0.02	3.2	<0.1	<0.05	4	<0.5	<0.2
1030772	Soil		13	37	0.87	243	0.106	<1	1.63	0.012	0.06	0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1030774	Soil		9	60	1.73	243	0.068	1	3.09	0.009	0.11	<0.1	0.02	6.0	<0.1	<0.05	7	<0.5	<0.2
1030777	Soil		12	57	0.97	213	0.122	1	2.43	0.024	0.07	0.1	<0.01	5.6	0.1	<0.05	6	<0.5	<0.2
1030778	Soil		15	36	0.88	374	0.114	<1	2.07	0.012	0.12	0.2	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1030779	Soil		3	13	1.80	656	0.188	<1	3.01	0.011	0.77	<0.1	0.01	11.9	0.2	<0.05	12	<0.5	<0.2
1030780	Soil		10	39	0.87	205	0.105	2	2.13	0.012	0.10	<0.1	0.02	4.0	0.1	<0.05	5	<0.5	<0.2
1030781	Soil		13	32	0.93	423	0.129	2	2.06	0.012	0.21	0.1	<0.01	7.4	0.1	<0.05	6	<0.5	<0.2
1030783	Soil		5	34	1.44	340	0.267	1	2.80	0.017	0.63	0.1	0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1030784	Soil		10	34	0.79	217	0.114	1	2.12	0.013	0.14	0.2	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1030785	Soil		10	27	1.72	481	0.268	<1	3.41	0.018	0.70	<0.1	0.01	5.1	0.1	<0.05	10	<0.5	<0.2
1030786	Soil		12	30	1.28	398	0.196	<1	2.54	0.019	0.59	0.1	<0.01	4.8	<0.1	<0.05	8	<0.5	<0.2
1030787	Soil		9	26	0.75	176	0.090	<1	2.00	0.020	0.07	<0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1030788	Soil		9	43	1.53	294	0.190	1	2.54	0.015	0.54	0.1	<0.01	4.3	0.1	<0.05	8	<0.5	<0.2
1030789	Soil		21	19	2.65	241	0.127	1	3.28	0.015	0.49	0.1	<0.01	5.0	0.1	<0.05	11	<0.5	<0.2
1030790	Soil		10	40	0.82	209	0.104	1	2.17	0.015	0.09	0.2	0.02	4.9	<0.1	<0.05	7	<0.5	<0.2
1030791	Soil		11	29	1.52	436	0.196	<1	2.46	0.036	0.77	<0.1	<0.01	7.0	0.1	0.35	9	1.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026601	Soil		0.8	68.4	7.6	72	0.1	21.2	15.7	489	3.86	6.7	0.4	0.9	2.4	24	0.2	0.4	0.1	116	0.34	0.038
1026602	Soil		0.4	67.9	4.1	70	<0.1	11.0	20.7	727	4.66	2.6	0.4	0.5	2.2	33	<0.1	0.3	<0.1	133	0.49	0.044
1026603	Soil		0.8	31.8	8.5	60	<0.1	21.5	10.9	434	2.78	7.2	0.9	25.0	3.7	32	0.3	0.6	0.2	72	0.43	0.048
1026604	Soil		0.7	28.2	7.8	59	<0.1	18.9	12.0	270	3.12	6.2	0.9	2.8	4.7	27	<0.1	0.4	<0.1	76	0.30	0.026
1026605	Soil		0.8	31.6	9.6	68	<0.1	17.6	9.0	251	2.86	6.6	0.8	3.7	2.7	25	0.3	0.5	0.2	74	0.26	0.027
1026606	Soil		0.8	19.1	8.0	44	<0.1	15.6	8.2	214	2.69	7.3	0.4	1.2	1.9	19	0.1	0.4	0.2	72	0.17	0.030
1026607	Soil		0.8	25.7	8.5	48	0.1	19.0	9.3	250	2.90	7.5	0.6	2.8	2.9	22	<0.1	0.4	<0.1	71	0.21	0.019
1026608	Soil		0.5	90.4	8.4	140	<0.1	15.1	24.8	1296	5.39	2.3	0.8	0.7	2.8	61	<0.1	0.1	<0.1	135	0.53	0.048
1026610	Soil		0.8	54.8	22.8	174	<0.1	12.2	16.5	1134	5.35	2.6	0.8	<0.5	5.1	25	0.2	0.1	<0.1	135	0.19	0.051
1026612	Soil		0.9	27.2	9.3	80	<0.1	19.2	11.9	378	3.32	5.4	0.7	2.6	4.8	23	<0.1	0.4	<0.1	79	0.26	0.038
1026613	Soil		0.9	34.6	8.4	85	<0.1	22.5	12.8	556	3.80	5.3	0.8	3.2	5.4	37	<0.1	0.4	<0.1	81	0.46	0.059
1026614	Soil		0.7	93.8	4.8	183	<0.1	21.4	22.9	721	6.45	1.0	2.2	2.2	5.2	43	0.1	0.1	<0.1	230	0.72	0.141
1026615	Soil		0.9	79.7	6.7	116	0.1	12.3	23.6	663	4.77	3.3	0.3	3.7	1.4	18	0.3	0.3	0.2	148	0.54	0.110
1026616	Soil		0.8	35.6	3.6	109	<0.1	17.0	21.0	757	5.76	2.2	0.5	1.2	2.2	25	0.1	0.1	<0.1	170	0.62	0.181
1026609	Soil		1.0	200.3	11.8	165	<0.1	13.8	23.1	935	6.05	1.4	1.3	2.9	4.3	74	0.3	0.2	0.3	157	0.61	0.040

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002503.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026601	Soil	5	37	0.90	267	0.188	<1	2.57	0.026	0.16	0.1	0.02	4.0	<0.1	<0.05	8	<0.5	<0.2
1026602	Soil	5	23	1.37	209	0.176	<1	2.73	0.049	0.16	<0.1	<0.01	8.7	<0.1	<0.05	10	<0.5	<0.2
1026603	Soil	14	36	0.69	334	0.093	1	1.83	0.019	0.06	0.1	0.02	5.6	<0.1	<0.05	6	<0.5	<0.2
1026604	Soil	14	38	0.76	312	0.088	<1	2.05	0.017	0.04	0.1	0.01	5.8	<0.1	<0.05	6	<0.5	<0.2
1026605	Soil	12	32	0.62	279	0.070	1	1.93	0.013	0.04	0.2	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
1026606	Soil	8	30	0.51	185	0.066	<1	1.94	0.012	0.04	0.1	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1026607	Soil	9	36	0.59	242	0.071	<1	2.12	0.013	0.04	0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1026608	Soil	12	31	2.16	695	0.244	<1	3.43	0.015	0.49	<0.1	<0.01	7.3	<0.1	<0.05	13	<0.5	<0.2
1026610	Soil	11	26	2.23	526	0.236	<1	3.65	0.019	0.91	0.1	<0.01	11.5	<0.1	<0.05	13	<0.5	<0.2
1026612	Soil	16	38	0.91	265	0.117	1	2.23	0.017	0.07	0.1	0.02	4.9	<0.1	<0.05	7	<0.5	<0.2
1026613	Soil	20	44	1.16	352	0.150	<1	2.43	0.021	0.27	0.1	0.01	7.1	<0.1	<0.05	8	<0.5	<0.2
1026614	Soil	15	47	3.45	667	0.256	<1	4.37	0.031	0.79	<0.1	<0.01	21.7	0.2	<0.05	17	0.6	<0.2
1026615	Soil	5	18	1.23	211	0.125	<1	2.65	0.062	0.17	<0.1	0.01	6.7	<0.1	<0.05	10	<0.5	<0.2
1026616	Soil	9	31	2.69	423	0.091	<1	3.71	0.023	0.53	<0.1	<0.01	16.0	<0.1	<0.05	16	<0.5	<0.2
1026609	Soil	23	36	2.54	682	0.293	<1	4.22	0.023	0.34	<0.1	<0.01	10.8	<0.1	0.07	14	1.9	0.5

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Client: **Ethos Capital Corp.**
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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002503.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1013006	Soil	0.7	24.6	5.9	55	<0.1	23.2	11.9	383	2.86	6.5	0.5	0.7	3.5	24	0.1	0.5	0.1	63	0.31	0.089
REP 1013006	QC	0.6	25.0	5.9	56	<0.1	23.4	12.1	397	2.86	6.8	0.5	4.0	3.4	24	0.2	0.4	<0.1	63	0.33	0.092
1013017	Soil	0.9	14.8	6.4	69	<0.1	14.5	9.2	310	2.78	4.3	0.5	1.8	1.1	27	0.4	0.4	0.1	66	0.31	0.082
REP 1013017	QC	0.7	16.2	6.6	71	<0.1	13.6	9.2	318	2.85	4.1	0.5	0.9	1.0	26	0.5	0.3	0.1	66	0.31	0.081
1029905	Soil	1.2	38.6	9.8	75	<0.1	33.9	13.5	366	3.34	13.5	1.0	<0.5	5.1	27	0.2	0.9	0.2	80	0.27	0.023
REP 1029905	QC	1.2	39.6	10.0	75	<0.1	34.4	13.0	355	3.33	13.7	1.1	5.8	5.2	27	0.1	0.8	0.2	78	0.25	0.025
1029914	Soil	0.8	24.1	9.0	56	<0.1	24.6	11.8	314	2.92	9.1	0.9	2.6	4.6	26	0.1	0.5	0.2	67	0.24	0.017
REP 1029914	QC	0.8	22.6	8.5	56	<0.1	23.8	11.7	309	2.95	9.1	0.8	3.4	4.7	26	0.1	0.5	0.2	69	0.24	0.016
1029703	Soil	0.7	14.6	5.7	38	<0.1	18.7	9.0	321	2.54	9.1	0.5	21.5	3.9	30	<0.1	0.5	0.1	61	0.47	0.053
REP 1029703	QC	0.7	14.5	5.6	40	<0.1	18.5	8.9	309	2.47	8.8	0.6	4.2	4.0	30	<0.1	0.4	0.1	58	0.45	0.052
1030704	Soil	0.8	25.6	7.1	65	<0.1	20.8	10.8	434	3.13	8.6	1.1	3.0	4.4	39	<0.1	0.6	0.1	60	0.46	0.052
REP 1030704	QC	0.8	25.2	7.5	67	<0.1	20.4	10.8	443	3.13	9.1	1.1	3.8	4.6	39	<0.1	0.6	0.1	61	0.46	0.052
1030737	Soil	0.6	11.5	6.1	65	<0.1	12.5	12.8	470	3.32	6.3	0.3	0.6	5.5	19	<0.1	0.3	0.1	63	0.26	0.061
REP 1030737	QC	0.6	11.3	6.2	64	<0.1	12.3	12.5	462	3.30	5.6	0.3	0.6	5.5	18	<0.1	0.4	0.1	61	0.25	0.060
1026600	Soil	0.6	24.3	5.9	61	<0.1	24.9	13.2	360	2.96	5.6	0.4	<0.5	2.7	29	0.1	0.4	<0.1	68	0.31	0.082
REP 1026600	QC	0.4	23.7	5.6	61	<0.1	25.4	12.7	346	2.90	5.5	0.4	2.4	2.6	28	0.1	0.3	<0.1	66	0.29	0.078
1026595	Soil	0.7	26.9	6.7	57	<0.1	20.9	11.6	383	2.87	7.4	0.9	2.8	3.2	21	<0.1	0.4	0.1	64	0.21	0.053
REP 1026595	QC	0.7	26.6	6.6	57	<0.1	20.9	11.7	388	2.90	7.5	0.9	2.8	3.2	21	<0.1	0.4	0.1	64	0.20	0.054
1029932	Soil	0.8	45.4	7.1	51	<0.1	22.8	11.5	444	2.69	8.4	0.6	4.0	2.1	24	<0.1	0.5	0.1	73	0.30	0.078
REP 1029932	QC	0.8	44.8	7.1	51	0.1	23.4	11.5	440	2.67	8.4	0.6	5.4	2.2	24	<0.1	0.4	0.2	73	0.31	0.078
1030777	Soil	0.8	55.5	10.0	63	<0.1	40.4	15.9	362	3.29	10.5	0.8	4.0	6.2	25	0.1	0.6	0.2	93	0.32	0.023
REP 1030777	QC	0.7	56.3	9.9	62	<0.1	41.0	15.6	363	3.29	10.4	0.9	5.2	6.2	24	<0.1	0.5	0.1	92	0.32	0.024
1030790	Soil	1.0	33.5	8.2	53	<0.1	21.0	13.2	351	3.67	11.1	0.6	5.6	3.1	16	<0.1	0.7	0.1	105	0.19	0.054
REP 1030790	QC	1.1	34.8	8.5	53	<0.1	21.4	13.1	355	3.56	10.9	0.6	6.0	3.0	15	0.2	0.7	0.2	98	0.18	0.053
1026606	Soil	0.8	19.1	8.0	44	<0.1	15.6	8.2	214	2.69	7.3	0.4	1.2	1.9	19	0.1	0.4	0.2	72	0.17	0.030
REP 1026606	QC	0.8	19.1	8.5	45	<0.1	16.1	8.4	213	2.77	7.7	0.4	1.8	1.9	19	0.2	0.5	0.2	72	0.18	0.030
Reference Materials																					
STD DS8	Standard	13.9	107.1	130.0	322	1.8	36.7	7.6	644	2.48	28.3	2.9	120.8	7.2	75	2.5	6.2	6.8	43	0.74	0.084

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QUALITY CONTROL REPORT VAN11002503.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1013006	Soil	10	32	0.71	110	0.127	2	1.69	0.012	0.14	0.2	0.04	2.3	0.1	<0.05	4	<0.5	<0.2
REP 1013006	QC	10	32	0.73	111	0.129	2	1.69	0.013	0.14	0.2	0.04	2.4	<0.1	<0.05	5	<0.5	<0.2
1013017	Soil	7	24	0.64	137	0.122	<1	1.51	0.012	0.11	0.1	0.06	2.0	0.1	<0.05	6	<0.5	<0.2
REP 1013017	QC	7	24	0.65	138	0.118	2	1.55	0.012	0.11	<0.1	0.06	2.1	<0.1	<0.05	6	<0.5	<0.2
1029905	Soil	21	46	0.66	332	0.102	1	2.46	0.016	0.08	0.2	0.03	6.5	0.1	<0.05	7	<0.5	<0.2
REP 1029905	QC	21	49	0.65	336	0.095	1	2.40	0.016	0.08	0.2	0.03	6.8	<0.1	<0.05	6	<0.5	<0.2
1029914	Soil	13	42	0.61	242	0.083	1	2.20	0.019	0.06	0.1	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
REP 1029914	QC	13	42	0.58	248	0.083	1	2.13	0.015	0.05	0.1	0.03	4.6	0.1	<0.05	5	<0.5	<0.2
1029703	Soil	11	48	0.56	199	0.070	2	1.39	0.016	0.09	0.2	<0.01	3.7	<0.1	<0.05	4	0.7	<0.2
REP 1029703	QC	11	46	0.55	209	0.067	2	1.37	0.016	0.08	0.2	0.03	3.7	<0.1	<0.05	4	<0.5	<0.2
1030704	Soil	16	32	0.60	367	0.111	1	2.05	0.021	0.08	0.1	0.03	6.1	<0.1	<0.05	6	0.5	<0.2
REP 1030704	QC	16	32	0.61	370	0.112	1	2.08	0.022	0.08	0.1	0.03	6.1	<0.1	<0.05	6	0.8	<0.2
1030737	Soil	8	21	0.96	166	0.190	<1	2.22	0.007	0.41	<0.1	0.01	1.5	0.1	<0.05	6	<0.5	<0.2
REP 1030737	QC	8	21	0.94	164	0.178	<1	2.11	0.007	0.40	<0.1	0.01	1.4	0.1	<0.05	6	<0.5	<0.2
1026600	Soil	7	46	0.89	163	0.154	<1	2.09	0.010	0.21	0.1	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
REP 1026600	QC	7	44	0.87	155	0.151	<1	2.02	0.012	0.21	0.1	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
1026595	Soil	16	32	0.75	157	0.114	2	1.94	0.012	0.12	0.2	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
REP 1026595	QC	15	32	0.76	155	0.112	1	1.91	0.012	0.12	0.2	0.05	2.9	0.1	<0.05	5	0.5	<0.2
1029932	Soil	10	32	0.65	244	0.080	1	1.79	0.012	0.09	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
REP 1029932	QC	9	31	0.70	236	0.081	<1	1.77	0.013	0.09	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1030777	Soil	12	57	0.97	213	0.122	1	2.43	0.024	0.07	0.1	<0.01	5.6	0.1	<0.05	6	<0.5	<0.2
REP 1030777	QC	12	57	0.98	210	0.114	<1	2.40	0.023	0.06	0.2	0.02	5.4	0.1	<0.05	6	<0.5	<0.2
1030790	Soil	10	40	0.82	209	0.104	1	2.17	0.015	0.09	0.2	0.02	4.9	<0.1	<0.05	7	<0.5	<0.2
REP 1030790	QC	9	39	0.80	203	0.094	1	2.13	0.015	0.09	0.1	0.02	4.6	<0.1	<0.05	7	<0.5	<0.2
1026606	Soil	8	30	0.51	185	0.066	<1	1.94	0.012	0.04	0.1	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
REP 1026606	QC	8	29	0.53	191	0.068	1	1.96	0.012	0.04	0.2	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	17	117	0.64	296	0.123	3	0.97	0.098	0.45	3.0	0.19	2.5	5.8	0.15	5	5.9	5.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002503.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.3	110.2	128.7	325	1.8	38.6	7.4	658	2.48	27.9	2.9	118.0	7.4	72	2.2	5.9	6.9	44	0.73	0.084
STD DS8	Standard	13.3	122.5	132.9	336	1.8	43.1	8.2	664	2.67	28.1	3.0	118.8	7.4	75	2.3	6.3	7.4	46	0.72	0.090
STD DS8	Standard	15.1	123.9	134.3	339	1.9	43.7	8.7	669	2.76	28.8	3.0	125.6	7.4	76	2.5	6.4	7.5	48	0.74	0.087
STD DS8	Standard	13.5	118.3	132.4	331	1.9	40.0	8.0	614	2.47	26.8	2.9	133.1	6.8	68	2.4	6.0	6.9	44	0.65	0.083
STD DS8	Standard	13.3	116.3	125.5	323	1.9	39.9	7.8	608	2.42	26.3	2.8	121.9	6.4	67	2.3	5.8	6.6	44	0.64	0.080
STD DS8	Standard	13.5	116.6	132.9	325	1.9	40.3	8.5	632	2.56	26.1	2.9	110.7	7.0	64	2.4	6.2	6.9	43	0.68	0.078
STD DS8	Standard	14.6	118.3	134.7	327	1.9	41.0	8.0	638	2.51	26.6	3.0	124.4	7.4	66	2.3	6.1	6.7	43	0.69	0.079
STD DS8	Standard	11.8	105.3	128.4	296	1.7	36.5	7.0	578	2.31	25.2	2.6	116.7	6.4	61	2.2	5.5	6.8	41	0.62	0.077
STD DS8	Standard	12.2	106.6	126.6	292	1.6	36.9	7.2	588	2.33	25.2	2.7	107.9	6.5	60	2.0	5.7	6.7	40	0.62	0.076
STD DS8	Standard	14.0	120.2	131.9	349	1.8	41.9	8.2	645	2.51	26.8	2.8	130.0	7.0	71	2.4	6.1	7.6	45	0.71	0.083
STD DS8	Standard	14.8	119.4	133.1	327	1.8	42.3	8.1	647	2.60	26.0	2.9	119.3	7.2	72	2.5	6.2	7.3	44	0.73	0.087
STD DS8	Standard	12.8	117.0	130.4	321	1.7	40.0	8.0	622	2.46	27.3	2.8	110.7	6.7	68	2.0	6.1	7.2	43	0.67	0.078
STD DS8	Standard	14.4	115.0	130.3	322	1.9	38.8	7.9	622	2.46	27.1	2.9	110.3	7.2	71	2.5	5.7	7.2	43	0.69	0.079
STD DS8	Standard	13.9	117.6	130.8	317	1.8	40.0	8.2	661	2.50	28.4	2.9	142.8	7.5	69	2.4	6.3	7.1	46	0.69	0.087
STD DS8	Standard	13.0	111.0	127.8	309	1.8	38.9	7.6	616	2.39	26.2	2.8	106.1	6.9	69	2.3	5.8	6.9	42	0.66	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002503.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	16	120	0.64	286	0.120	4	0.97	0.100	0.45	3.0	0.20	2.4	5.6	0.14	5	5.7	5.6
STD DS8	Standard	15	131	0.66	298	0.130	3	0.98	0.087	0.45	3.1	0.21	2.2	5.7	0.18	5	5.2	5.4
STD DS8	Standard	15	132	0.68	288	0.133	3	1.02	0.090	0.46	3.1	0.19	2.1	5.8	0.17	5	6.1	5.1
STD DS8	Standard	14	122	0.62	282	0.122	4	0.91	0.093	0.43	3.1	0.23	2.0	5.5	0.16	5	5.9	5.4
STD DS8	Standard	15	120	0.61	282	0.123	3	0.88	0.084	0.41	3.2	0.22	1.9	5.6	0.13	4	6.0	4.7
STD DS8	Standard	15	119	0.62	275	0.124	3	0.92	0.092	0.43	3.2	0.21	2.0	5.7	0.19	5	5.8	5.3
STD DS8	Standard	15	124	0.64	287	0.130	2	0.92	0.092	0.42	3.0	0.21	2.0	5.6	0.18	5	5.6	5.1
STD DS8	Standard	12	113	0.56	265	0.108	3	0.84	0.077	0.38	2.9	0.20	1.7	5.3	0.12	4	6.3	5.2
STD DS8	Standard	12	113	0.56	252	0.105	3	0.81	0.074	0.39	2.8	0.20	1.8	5.2	0.13	5	5.0	4.4
STD DS8	Standard	14	126	0.60	288	0.120	3	0.95	0.089	0.44	3.2	0.23	2.3	5.7	0.18	5	4.6	5.7
STD DS8	Standard	15	129	0.62	295	0.127	2	0.99	0.095	0.45	3.1	0.21	2.3	5.6	0.16	5	5.5	5.6
STD DS8	Standard	13	124	0.57	281	0.115	2	0.90	0.084	0.41	3.1	0.20	2.0	5.4	0.17	5	4.0	4.8
STD DS8	Standard	15	124	0.56	292	0.124	3	0.92	0.089	0.41	3.0	0.20	2.2	5.7	0.15	5	5.7	5.6
STD DS8	Standard	15	128	0.65	287	0.124	3	0.96	0.088	0.42	3.2	0.19	2.1	5.6	0.16	5	5.9	5.4
STD DS8	Standard	14	117	0.61	282	0.117	2	0.90	0.085	0.40	3.1	0.20	1.9	5.2	0.15	5	5.5	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 13, 2011
Report Date: July 19, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS VAN11002504.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 225

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	225	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	225	Dry at 60C			VAN
1DX2	225	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021825	Soil	0.2	16.1	4.7	68	<0.1	17.8	11.8	294	2.87	3.9	0.4	2.0	2.6	31	0.1	0.3	<0.1	61	0.47	0.100
1021827	Soil	0.8	27.4	5.9	61	<0.1	22.0	13.7	490	2.91	6.1	0.7	2.4	3.6	22	0.1	0.3	0.1	63	0.30	0.089
1021828	Soil	1.6	30.3	6.1	76	<0.1	23.3	31.4	1057	3.28	4.4	0.5	1.4	4.2	23	0.1	0.3	0.1	70	0.35	0.099
1021829	Soil	0.7	23.7	8.8	59	<0.1	20.2	11.0	481	2.92	6.7	0.8	4.8	1.9	15	<0.1	0.5	0.2	61	0.19	0.055
1021830	Soil	0.9	15.6	10.5	51	0.2	13.5	9.1	647	2.21	3.1	1.0	30.0	2.4	11	0.1	0.5	0.3	42	0.22	0.084
1021831	Soil	0.9	14.3	6.3	58	<0.1	18.3	9.7	241	2.32	3.5	0.7	2.1	3.0	18	0.1	0.3	0.1	52	0.29	0.087
1021832	Soil	0.8	19.2	6.1	65	<0.1	19.1	10.5	310	2.93	5.2	0.6	6.4	1.1	21	0.2	0.4	0.1	66	0.27	0.082
1021964	Soil	0.7	30.9	8.6	80	<0.1	14.3	12.6	449	3.30	4.8	0.4	2.5	1.8	14	0.1	0.2	0.1	83	0.18	0.037
1021965	Soil	1.1	19.8	7.6	49	<0.1	24.4	12.5	283	3.05	9.4	0.5	1.4	2.4	14	<0.1	0.5	0.1	69	0.14	0.032
1021966	Soil	1.7	13.0	10.8	40	0.2	11.8	5.7	166	2.80	8.8	0.5	1.3	3.1	12	0.1	0.5	0.2	72	0.11	0.021
1030792	Soil	4.5	69.8	3.5	61	<0.1	8.9	7.3	273	5.37	1.9	0.6	1.1	1.8	25	<0.1	<0.1	0.2	50	0.18	0.048
1030793	Soil	0.5	58.8	3.3	56	<0.1	34.7	20.1	395	3.33	4.9	0.5	1.2	2.8	15	<0.1	0.2	<0.1	90	0.39	0.083
1030795	Soil	0.2	67.4	2.2	60	<0.1	41.8	27.4	478	4.26	2.8	0.5	<0.5	2.4	28	<0.1	0.1	<0.1	123	0.45	0.065
1021967	Soil	2.8	107.0	19.0	67	<0.1	26.2	49.8	795	5.52	3.3	1.1	1.8	3.6	19	0.2	0.2	0.1	158	0.46	0.084
1021968	Soil	1.2	36.2	6.4	60	<0.1	13.8	12.0	289	3.70	4.4	0.8	1.6	5.0	12	<0.1	0.3	0.1	60	0.12	0.021
1022802	Soil	1.6	76.3	5.1	122	<0.1	28.2	18.8	314	5.98	6.0	1.1	0.6	9.2	16	<0.1	0.2	0.1	206	0.16	0.061
1022806	Soil	1.1	34.9	5.8	84	0.1	21.2	12.2	345	3.87	6.2	0.6	<0.5	3.2	14	<0.1	0.3	0.1	102	0.12	0.035
1022826	Soil	0.6	95.1	4.1	82	<0.1	16.0	19.4	435	4.52	6.0	0.5	<0.5	4.3	24	0.1	0.1	<0.1	134	0.36	0.040
1022827	Soil	1.0	29.1	10.5	58	<0.1	24.3	11.2	288	3.15	10.2	0.5	1.6	3.1	17	<0.1	0.5	0.1	80	0.17	0.021
1022828	Soil	3.4	59.6	2.4	52	<0.1	19.0	14.0	355	5.42	2.5	0.9	0.8	5.5	6	<0.1	<0.1	<0.1	134	0.10	0.045
1022837	Soil	1.3	34.9	7.5	72	0.2	22.0	12.8	429	3.87	8.3	0.5	1.5	2.8	20	<0.1	0.4	0.1	105	0.27	0.034
1022838	Soil	0.9	39.9	6.0	46	0.2	18.2	14.4	523	2.85	4.8	0.7	3.3	2.2	25	<0.1	0.3	0.1	82	0.29	0.026
1022839	Soil	0.6	43.8	3.6	91	<0.1	28.3	25.1	492	4.34	4.5	0.2	<0.5	1.1	63	<0.1	0.2	<0.1	105	0.55	0.048
1022843	Soil	1.6	33.4	14.5	77	0.1	28.2	12.9	435	3.43	8.3	0.8	2.3	4.6	29	0.1	0.5	0.2	81	0.42	0.038
1022844	Soil	0.8	36.2	9.4	70	<0.1	25.1	10.7	389	3.11	9.0	0.8	4.2	6.0	31	<0.1	0.5	0.2	70	0.41	0.039
1022845	Soil	0.9	13.5	10.3	81	0.1	17.4	8.2	308	2.61	8.3	0.4	0.7	2.9	17	0.3	0.4	0.2	57	0.20	0.021
1022846	Soil	1.4	27.7	9.2	82	0.3	16.4	9.7	658	2.69	7.3	0.4	1.2	2.8	20	0.4	0.4	0.3	47	0.33	0.025
1022848	Soil	0.7	25.7	28.1	106	<0.1	20.7	14.5	719	3.89	7.2	1.1	1.4	9.1	22	0.2	0.3	0.1	58	0.35	0.048
1022850	Soil	1.7	59.2	6.6	112	0.1	24.7	18.7	369	5.45	10.2	1.0	1.3	5.5	13	<0.1	0.1	0.2	169	0.19	0.067
1030800	Soil	0.9	52.5	8.6	96	<0.1	31.7	14.8	455	3.54	8.7	0.9	3.8	4.0	34	0.2	0.5	0.1	85	0.43	0.040

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021825	Soil	10	28	1.03	339	0.124	1	1.80	0.012	0.30	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1021827	Soil	12	32	0.79	149	0.097	1	1.63	0.009	0.16	0.2	0.03	2.3	0.2	<0.05	5	<0.5	<0.2
1021828	Soil	7	47	1.17	173	0.139	1	1.74	0.015	0.48	0.1	0.07	1.7	0.3	<0.05	6	<0.5	<0.2
1021829	Soil	9	31	0.64	121	0.064	1	1.58	0.008	0.09	0.2	0.05	2.5	0.1	<0.05	6	<0.5	<0.2
1021830	Soil	7	24	0.43	102	0.018	1	0.85	0.010	0.06	0.8	0.09	1.8	<0.1	<0.05	4	<0.5	0.3
1021831	Soil	10	35	0.87	147	0.098	1	1.43	0.012	0.12	0.2	0.05	1.9	0.1	<0.05	6	<0.5	<0.2
1021832	Soil	9	30	0.69	189	0.079	2	1.71	0.010	0.09	0.2	0.03	2.0	0.1	<0.05	6	<0.5	<0.2
1021964	Soil	6	25	1.16	238	0.117	1	2.15	0.009	0.18	<0.1	<0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1021965	Soil	7	34	0.59	186	0.052	2	1.96	0.008	0.05	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1021966	Soil	9	32	0.35	139	0.060	1	1.68	0.009	0.03	0.2	0.03	2.6	0.1	<0.05	7	<0.5	<0.2
1030792	Soil	7	15	0.99	354	0.129	<1	1.65	0.033	0.78	<0.1	<0.01	4.8	0.1	0.77	7	1.7	<0.2
1030793	Soil	17	64	1.58	344	0.227	1	2.42	0.019	0.45	<0.1	0.01	3.3	0.2	0.05	7	<0.5	<0.2
1030795	Soil	11	72	2.70	313	0.271	<1	3.69	0.035	0.39	<0.1	0.01	4.3	0.1	<0.05	10	<0.5	<0.2
1021967	Soil	23	46	1.87	353	0.114	<1	3.17	0.039	0.30	<0.1	0.01	9.9	<0.1	<0.05	10	0.7	<0.2
1021968	Soil	18	21	0.77	196	0.050	<1	2.12	0.008	0.12	<0.1	0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1022802	Soil	19	70	1.51	303	0.316	<1	3.47	0.013	1.69	<0.1	<0.01	13.0	0.5	0.06	12	0.7	<0.2
1022806	Soil	8	33	0.88	285	0.183	1	2.44	0.011	0.58	<0.1	<0.01	6.5	0.2	<0.05	8	<0.5	<0.2
1022826	Soil	6	33	1.07	214	0.181	<1	2.50	0.019	0.34	<0.1	<0.01	6.8	0.1	<0.05	9	<0.5	<0.2
1022827	Soil	8	35	0.70	203	0.109	1	2.06	0.011	0.09	0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1022828	Soil	12	32	1.36	352	0.306	<1	2.60	0.012	1.33	<0.1	<0.01	13.6	0.2	<0.05	12	<0.5	<0.2
1022837	Soil	8	40	0.83	263	0.123	1	2.51	0.013	0.19	<0.1	0.02	5.0	<0.1	<0.05	8	<0.5	<0.2
1022838	Soil	13	31	0.65	148	0.085	<1	1.98	0.015	0.06	0.1	0.02	4.4	<0.1	<0.05	7	<0.5	<0.2
1022839	Soil	3	35	1.99	273	0.212	<1	3.19	0.012	0.42	0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1022843	Soil	17	53	0.94	346	0.115	1	2.26	0.017	0.07	0.1	0.03	6.3	<0.1	<0.05	7	<0.5	<0.2
1022844	Soil	21	43	0.73	289	0.104	1	2.13	0.021	0.07	0.1	0.04	6.9	<0.1	<0.05	6	<0.5	<0.2
1022845	Soil	8	29	0.44	237	0.047	<1	1.76	0.010	0.12	<0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1022846	Soil	11	24	0.40	350	0.030	1	1.33	0.011	0.11	0.1	0.01	2.2	<0.1	<0.05	4	<0.5	<0.2
1022848	Soil	11	41	1.04	205	0.064	1	2.15	0.010	0.16	0.1	0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1022850	Soil	14	50	1.47	331	0.266	<1	3.45	0.016	1.29	<0.1	<0.01	12.8	0.4	<0.05	13	0.7	<0.2
1030800	Soil	13	52	1.19	399	0.137	1	2.35	0.013	0.10	0.1	0.03	6.7	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021688	Soil	1.1	21.0	7.6	79	0.2	15.0	9.8	358	3.97	8.2	0.4	1.3	1.8	15	<0.1	0.4	0.2	88	0.12	0.046
1021689	Soil	0.6	41.9	5.6	130	<0.1	25.7	14.5	553	4.13	7.1	0.7	1.0	3.5	17	<0.1	0.4	<0.1	92	0.26	0.067
1021690	Soil	0.3	53.1	2.0	128	<0.1	39.9	67.6	1360	4.14	1.6	0.9	3.6	7.3	27	<0.1	<0.1	0.1	97	0.48	0.103
1021691	Soil	0.8	16.5	10.0	49	<0.1	15.8	7.0	176	2.86	9.0	0.9	5.0	3.4	12	<0.1	0.4	0.2	63	0.13	0.028
1021692	Soil	0.7	70.1	5.1	133	<0.1	21.0	24.2	804	4.95	4.7	1.0	2.9	4.9	12	0.2	0.3	0.1	103	0.23	0.083
1021693	Soil	1.0	57.7	4.5	161	<0.1	12.0	18.0	759	5.57	1.4	0.7	<0.5	2.8	16	0.1	<0.1	<0.1	103	0.32	0.061
1021694	Soil	1.1	82.7	3.0	83	<0.1	17.6	21.4	454	5.06	1.8	0.9	1.0	3.2	12	0.1	<0.1	<0.1	164	0.37	0.095
1021695	Soil	1.0	82.0	3.1	79	<0.1	15.8	19.1	435	4.82	1.7	0.9	0.8	3.1	11	0.1	0.1	<0.1	154	0.40	0.097
1021696	Soil	0.9	30.3	8.1	61	<0.1	14.9	10.0	226	3.06	7.0	0.4	2.9	1.9	12	<0.1	0.4	0.1	93	0.14	0.023
1021697	Soil	1.5	72.8	4.8	95	<0.1	16.7	14.2	530	3.40	3.5	0.5	1.0	2.5	13	<0.1	0.2	<0.1	81	0.22	0.042
1021698	Soil	1.1	28.5	7.3	61	<0.1	15.8	11.5	373	3.11	7.0	0.5	9.4	3.0	15	0.1	0.4	0.1	74	0.19	0.030
1021699	Soil	0.9	29.1	6.2	48	<0.1	14.1	8.8	297	2.78	5.8	0.4	1.6	1.5	15	0.2	0.3	0.1	76	0.19	0.034
1021700	Soil	0.7	29.8	7.0	48	<0.1	17.4	9.2	227	2.56	6.2	0.8	2.2	3.4	18	<0.1	0.3	0.1	62	0.24	0.046
1022618	Soil	0.6	10.4	27.5	30	<0.1	10.2	5.9	426	1.52	4.3	4.4	<0.5	23.8	18	<0.1	0.3	4.5	36	0.19	0.009
1022619	Soil	0.6	10.3	29.7	35	<0.1	11.4	5.8	473	1.55	4.9	3.7	2.1	26.8	25	<0.1	0.3	2.1	34	0.32	0.015
1022620	Soil	0.8	13.0	19.9	44	<0.1	15.7	8.6	432	2.16	5.5	2.0	1.3	13.8	28	<0.1	0.4	0.8	53	0.37	0.018
1022621	Soil	0.7	13.0	17.3	47	<0.1	16.6	8.6	525	2.17	5.5	1.6	1.4	13.3	30	<0.1	0.4	0.7	51	0.37	0.021
1022622	Soil	0.5	26.4	16.5	46	<0.1	17.6	7.4	332	2.13	6.1	2.5	2.0	13.2	41	<0.1	0.4	1.9	50	0.51	0.037
1022623	Soil	0.7	10.5	27.0	33	<0.1	10.4	6.0	512	1.63	4.0	2.4	<0.5	28.6	28	<0.1	0.3	2.5	35	0.32	0.013
1022624	Soil	0.9	23.1	18.4	49	0.1	22.8	10.5	476	2.50	7.7	1.4	2.4	12.7	31	<0.1	0.6	0.7	59	0.48	0.023
1022625	Soil	0.9	28.1	17.7	51	<0.1	25.7	9.8	430	2.51	8.8	1.9	<0.5	15.0	29	<0.1	0.5	1.8	62	0.40	0.022
1022626	Soil	1.0	15.5	25.9	62	<0.1	17.8	8.6	613	2.38	6.1	2.6	6.3	26.1	49	<0.1	0.5	0.9	51	0.48	0.019
1022627	Soil	0.8	20.4	15.1	47	0.1	22.8	10.3	580	2.61	7.8	0.7	2.2	12.1	35	<0.1	0.5	0.4	65	0.46	0.023
1022628	Soil	0.8	51.6	11.1	62	0.1	35.9	12.6	430	2.81	11.2	1.0	6.7	8.8	38	0.1	0.7	0.3	73	0.54	0.038
1022629	Soil	0.7	39.3	10.5	49	0.1	30.7	11.0	392	2.63	8.7	0.9	2.0	8.0	34	<0.1	0.6	0.3	64	0.47	0.031
1022630	Soil	0.7	25.6	17.1	47	<0.1	24.4	9.2	424	2.43	7.7	2.0	3.7	23.1	29	<0.1	0.6	0.4	52	0.32	0.027
1022631	Soil	0.5	11.7	30.8	52	<0.1	13.7	8.0	681	2.20	3.9	2.7	<0.5	39.9	27	<0.1	0.2	0.6	43	0.30	0.022
1022632	Soil	0.5	6.6	26.7	46	<0.1	7.8	5.7	738	1.67	1.8	2.5	<0.5	26.8	20	<0.1	0.2	0.6	31	0.27	0.021
1022633	Soil	0.6	18.6	20.9	45	<0.1	18.0	7.2	421	2.15	5.8	2.0	13.8	30.4	33	<0.1	0.4	0.4	47	0.37	0.029
1022634	Soil	0.8	30.9	11.9	47	0.1	23.3	9.2	362	2.11	8.6	1.3	1.9	10.1	171	0.2	0.6	0.2	51	6.11	0.051

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021688	Soil		7	29	0.75	231	0.073	1	2.22	0.009	0.08	<0.1	0.04	4.4	<0.1	<0.05	9	<0.5	<0.2
1021689	Soil		15	47	1.74	806	0.168	1	2.90	0.014	0.54	<0.1	0.02	8.3	0.3	<0.05	10	<0.5	<0.2
1021690	Soil		16	67	3.33	427	0.312	<1	3.87	0.013	1.37	<0.1	<0.01	5.8	0.7	<0.05	10	<0.5	<0.2
1021691	Soil		14	34	0.49	221	0.065	1	1.90	0.008	0.07	0.1	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
1021692	Soil		16	35	1.66	327	0.107	<1	2.75	0.010	0.29	<0.1	0.02	11.5	0.2	<0.05	10	0.6	<0.2
1021693	Soil		6	24	2.24	548	0.211	<1	3.31	0.014	1.08	<0.1	<0.01	11.2	0.3	<0.05	11	<0.5	<0.2
1021694	Soil		11	40	2.42	492	0.275	<1	3.30	0.016	1.10	<0.1	<0.01	7.0	0.2	<0.05	10	<0.5	<0.2
1021695	Soil		10	37	2.24	507	0.253	<1	2.92	0.016	1.00	<0.1	<0.01	6.1	0.2	<0.05	9	0.6	<0.2
1021696	Soil		6	26	0.74	146	0.124	<1	1.81	0.014	0.06	<0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1021697	Soil		7	35	1.47	253	0.200	<1	2.44	0.011	0.60	<0.1	<0.01	4.3	0.2	<0.05	7	<0.5	<0.2
1021698	Soil		7	27	0.76	172	0.124	<1	2.04	0.009	0.15	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1021699	Soil		7	21	0.75	226	0.123	<1	1.78	0.010	0.23	<0.1	0.03	3.0	<0.1	<0.05	7	<0.5	<0.2
1021700	Soil		12	26	0.67	227	0.112	<1	1.75	0.011	0.13	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1022618	Soil		17	18	0.24	123	0.030	<1	0.98	0.008	0.11	0.1	0.01	2.5	<0.1	<0.05	3	<0.5	<0.2
1022619	Soil		18	20	0.25	124	0.023	<1	1.13	0.007	0.11	0.1	0.01	2.7	<0.1	<0.05	3	<0.5	<0.2
1022620	Soil		14	28	0.35	186	0.045	<1	1.57	0.007	0.08	0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1022621	Soil		17	29	0.37	224	0.049	<1	1.51	0.009	0.11	0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
1022622	Soil		15	28	0.52	191	0.076	<1	1.56	0.029	0.09	0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1022623	Soil		12	20	0.24	218	0.030	<1	1.07	0.008	0.17	0.1	0.01	2.8	0.1	<0.05	3	<0.5	<0.2
1022624	Soil		20	35	0.44	196	0.077	2	1.68	0.013	0.18	0.2	<0.01	5.3	<0.1	0.08	5	<0.5	<0.2
1022625	Soil		21	37	0.49	182	0.079	<1	1.68	0.014	0.11	0.2	<0.01	5.9	<0.1	0.06	5	<0.5	<0.2
1022626	Soil		23	30	0.40	240	0.039	2	1.89	0.010	0.13	0.1	0.02	4.9	0.1	<0.05	5	<0.5	0.2
1022627	Soil		16	39	0.45	318	0.078	2	1.87	0.013	0.16	0.1	0.02	5.7	<0.1	<0.05	5	<0.5	0.3
1022628	Soil		17	37	0.69	187	0.117	2	1.63	0.028	0.09	0.2	0.04	5.6	<0.1	<0.05	5	<0.5	<0.2
1022629	Soil		15	34	0.60	189	0.097	<1	1.59	0.022	0.08	0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
1022630	Soil		27	32	0.47	137	0.069	<1	1.40	0.013	0.13	0.1	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
1022631	Soil		25	21	0.44	134	0.034	<1	1.58	0.011	0.10	<0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1022632	Soil		15	13	0.34	106	0.028	<1	1.14	0.010	0.09	<0.1	<0.01	1.7	0.2	<0.05	5	<0.5	<0.2
1022633	Soil		26	23	0.44	142	0.053	<1	1.37	0.014	0.09	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1022634	Soil		15	26	0.81	191	0.064	1	1.36	0.023	0.09	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022635	Soil		0.6	17.8	18.3	46	<0.1	18.9	8.2	439	2.36	7.2	2.8	2.8	27.2	31	<0.1	0.4	0.3	53	0.35	0.030
1026561	Soil		0.6	24.4	20.9	43	<0.1	23.0	8.7	401	2.34	9.0	1.9	<0.5	30.2	25	<0.1	0.5	0.3	52	0.36	0.042
1026562	Soil		0.7	26.9	20.4	47	<0.1	24.7	8.8	381	2.47	9.9	2.4	0.7	26.6	24	0.2	0.5	0.4	57	0.34	0.038
1026563	Soil		0.5	33.1	12.8	44	<0.1	26.6	9.3	435	2.46	9.2	1.4	2.4	15.0	31	<0.1	0.5	0.3	58	0.41	0.048
1026564	Soil		0.6	14.0	26.9	49	<0.1	16.2	8.3	526	2.22	5.2	2.8	<0.5	32.7	36	<0.1	0.4	0.4	45	0.42	0.024
1026565	Soil		0.4	8.8	30.7	46	<0.1	10.6	6.4	620	1.84	3.0	3.1	<0.5	48.4	21	<0.1	0.2	0.8	37	0.33	0.029
1026566	Soil		0.6	32.8	12.2	44	<0.1	25.7	9.8	377	2.58	9.2	1.6	44.8	13.8	34	<0.1	0.6	0.2	59	0.45	0.054
1026567	Soil		0.6	12.4	17.9	46	<0.1	15.2	8.8	529	2.18	4.7	2.4	<0.5	22.7	39	<0.1	0.3	0.3	48	0.43	0.032
1026568	Soil		0.8	18.3	13.1	46	<0.1	23.6	10.5	502	2.58	7.9	1.4	1.8	14.7	30	<0.1	0.4	0.3	60	0.42	0.030
1026569	Soil		0.7	15.0	18.7	39	<0.1	15.8	7.6	531	2.07	5.6	2.0	0.9	26.3	52	<0.1	0.3	0.3	44	0.48	0.021
1026570	Soil		0.4	27.7	26.4	45	<0.1	18.6	7.9	501	2.20	6.7	2.2	4.0	38.1	23	<0.1	0.4	0.4	45	0.36	0.042
1026617	Soil		0.4	32.0	5.3	172	<0.1	10.8	11.7	670	6.08	1.6	0.9	<0.5	2.5	28	<0.1	0.1	<0.1	158	0.57	0.166
1026663	Soil		1.0	75.1	9.1	51	0.1	17.4	9.1	230	2.79	8.3	0.9	5.0	2.3	18	<0.1	0.5	0.2	64	0.23	0.053
1026666	Soil		1.2	22.4	11.5	52	0.2	17.1	8.3	223	3.37	9.4	1.0	5.5	2.3	13	0.1	0.6	0.3	73	0.15	0.037
1026669	Soil		0.5	18.6	13.0	85	<0.1	10.0	11.6	841	4.18	3.0	0.5	2.0	2.0	17	0.1	0.2	<0.1	116	0.20	0.032
1026907	Soil		0.4	22.2	6.3	73	<0.1	20.5	15.1	391	3.48	4.8	0.6	3.3	3.2	27	0.1	0.4	0.2	74	0.41	0.107
1026951	Soil		0.9	14.7	7.7	53	<0.1	13.3	8.8	285	2.49	6.0	0.6	4.5	2.8	26	<0.1	0.3	0.2	60	0.39	0.042
1026954	Soil		0.5	26.4	6.8	64	<0.1	17.9	13.2	394	2.78	6.3	0.9	4.4	3.7	28	0.1	0.3	0.1	66	0.46	0.062
1026955	Soil		0.6	29.4	7.1	55	<0.1	15.8	11.4	316	2.86	5.7	0.5	7.1	2.6	26	<0.1	0.3	0.1	74	0.45	0.079
1026956	Soil		0.6	20.2	6.1	63	<0.1	15.5	13.4	424	3.05	6.2	0.5	3.3	3.2	27	0.1	0.3	0.3	67	0.43	0.066
1026957	Soil		0.5	21.0	6.3	63	<0.1	15.7	13.9	413	3.10	5.9	0.5	9.2	3.7	26	<0.1	0.4	0.1	72	0.41	0.059
1026958	Soil		0.5	22.4	6.0	70	<0.1	17.0	15.4	461	3.43	5.4	0.5	5.6	3.6	31	<0.1	0.3	<0.1	80	0.45	0.058
1026959	Soil		0.5	21.6	6.4	71	<0.1	17.2	15.8	510	3.64	5.9	0.7	10.5	4.9	35	<0.1	0.3	0.1	79	0.47	0.047
1026960	Soil		0.7	18.8	6.9	70	<0.1	17.1	12.6	403	3.36	6.5	0.7	5.1	4.3	32	<0.1	0.4	0.1	77	0.42	0.039
1026961	Soil		0.5	17.5	6.3	59	<0.1	14.8	11.8	393	2.85	4.7	0.7	6.7	4.6	28	<0.1	0.4	<0.1	65	0.40	0.049
1026962	Soil		0.4	20.2	6.9	74	<0.1	21.9	16.0	543	3.61	5.5	0.7	5.7	5.2	30	0.1	0.3	0.1	82	0.47	0.061
1026963	Soil		0.7	18.6	6.6	65	0.2	16.7	13.5	460	3.36	4.9	0.8	5.4	4.5	24	0.1	0.3	<0.1	79	0.37	0.061
1026964	Soil		0.4	10.6	5.4	136	<0.1	14.5	26.4	911	5.57	1.6	0.9	4.2	9.9	47	0.1	0.2	<0.1	107	0.66	0.114
1026965	Soil		0.4	20.2	4.4	115	<0.1	21.2	24.0	1072	5.12	2.1	0.9	6.7	16.7	17	<0.1	0.1	<0.1	124	0.49	0.132
1026966	Soil		0.4	22.5	5.0	107	<0.1	15.5	18.2	507	3.94	3.9	0.7	5.2	6.7	29	<0.1	0.3	<0.1	93	0.44	0.076

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022635	Soil		23	32	0.44	124	0.063	<1	1.53	0.010	0.14	0.2	0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
1026561	Soil		22	30	0.46	110	0.064	<1	1.34	0.014	0.15	0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1026562	Soil		21	34	0.48	120	0.076	<1	1.44	0.013	0.10	0.2	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1026563	Soil		20	36	0.47	160	0.081	<1	1.38	0.015	0.10	0.1	0.04	5.2	<0.1	<0.05	4	<0.5	<0.2
1026564	Soil		29	27	0.43	162	0.051	<1	1.60	0.010	0.18	0.1	0.01	4.0	0.1	<0.05	5	<0.5	<0.2
1026565	Soil		24	19	0.38	95	0.044	<1	1.23	0.011	0.10	0.1	0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1026566	Soil		19	35	0.50	159	0.093	<1	1.44	0.017	0.10	0.2	0.05	5.3	<0.1	<0.05	5	<0.5	<0.2
1026567	Soil		21	27	0.39	219	0.051	<1	1.51	0.010	0.15	0.1	0.01	3.9	<0.1	<0.05	5	<0.5	<0.2
1026568	Soil		16	37	0.49	220	0.078	1	1.68	0.011	0.14	0.1	0.02	5.0	0.1	<0.05	5	<0.5	<0.2
1026569	Soil		24	25	0.39	250	0.045	<1	1.43	0.014	0.11	0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1026570	Soil		17	27	0.45	113	0.036	<1	1.29	0.012	0.10	<0.1	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
1026617	Soil		7	23	2.69	475	0.183	<1	3.80	0.019	0.88	<0.1	<0.01	11.7	0.2	<0.05	17	<0.5	<0.2
1026663	Soil		13	29	0.48	169	0.060	2	1.91	0.013	0.04	0.2	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1026666	Soil		13	34	0.35	200	0.045	1	1.95	0.010	0.03	0.2	0.03	3.9	0.1	<0.05	6	0.9	<0.2
1026669	Soil		6	14	2.37	150	0.123	1	3.73	0.009	0.03	<0.1	0.01	4.5	<0.1	<0.05	10	<0.5	<0.2
1026907	Soil		12	34	1.01	256	0.137	2	2.02	0.015	0.25	0.2	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
1026951	Soil		11	25	0.66	191	0.104	2	1.57	0.014	0.08	0.2	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1026954	Soil		13	30	0.78	208	0.104	2	1.62	0.021	0.11	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1026955	Soil		10	28	0.83	188	0.112	1	1.69	0.020	0.11	0.2	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1026956	Soil		11	28	0.87	169	0.118	2	1.64	0.016	0.18	0.2	0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1026957	Soil		12	31	0.96	204	0.145	1	1.95	0.015	0.23	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1026958	Soil		12	31	1.22	216	0.189	1	2.25	0.016	0.23	0.2	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1026959	Soil		14	35	1.17	233	0.181	3	2.15	0.017	0.20	0.1	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
1026960	Soil		14	32	1.00	205	0.140	1	2.11	0.014	0.07	0.1	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
1026961	Soil		15	29	0.85	219	0.136	1	1.71	0.012	0.12	0.1	0.01	3.2	<0.1	<0.05	5	0.5	<0.2
1026962	Soil		15	47	1.15	234	0.160	2	2.28	0.015	0.19	0.1	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1026963	Soil		13	36	1.00	220	0.119	1	1.89	0.016	0.15	0.1	0.02	4.2	<0.1	<0.05	8	<0.5	<0.2
1026964	Soil		26	32	1.79	324	0.190	<1	3.01	0.017	0.79	<0.1	<0.01	2.8	0.2	<0.05	11	<0.5	<0.2
1026965	Soil		27	49	2.32	342	0.229	<1	3.19	0.019	1.25	<0.1	0.01	9.7	0.3	<0.05	14	<0.5	<0.2
1026966	Soil		18	31	1.69	256	0.174	<1	2.40	0.018	0.46	0.1	<0.01	6.6	0.1	<0.05	9	0.6	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026967	Soil		0.8	24.0	7.4	74	<0.1	16.9	13.6	469	3.69	6.0	0.6	4.1	4.5	18	<0.1	0.4	0.2	94	0.24	0.035
1026968	Soil		0.8	23.0	7.5	79	<0.1	17.0	12.9	436	4.03	7.0	0.6	4.7	3.4	21	<0.1	0.4	0.2	101	0.23	0.025
1026969	Soil		0.4	27.1	4.4	97	<0.1	16.3	20.3	698	4.39	2.7	0.5	4.3	3.5	27	<0.1	0.2	<0.1	101	0.39	0.056
1026973	Soil		0.2	20.6	4.1	117	<0.1	22.4	21.4	574	4.65	2.0	2.1	2.2	33.9	51	<0.1	0.2	<0.1	84	0.88	0.252
1026974	Soil		0.4	34.6	5.2	109	<0.1	30.7	20.0	556	4.54	4.3	1.7	3.4	20.8	46	<0.1	0.3	<0.1	90	0.69	0.148
1026975	Soil		0.2	37.7	5.5	82	0.1	23.3	14.1	338	3.46	3.8	1.7	1.9	19.1	40	0.2	0.3	<0.1	76	0.59	0.137
1026978	Soil		0.1	26.7	4.4	121	<0.1	35.0	20.6	619	4.51	1.7	1.0	7.6	10.6	57	0.1	0.2	<0.1	105	0.80	0.176
1026983	Soil		0.8	26.9	6.2	59	0.2	13.3	11.1	353	3.02	5.3	0.7	4.0	2.9	28	<0.1	0.3	0.1	67	0.37	0.040
1026984	Soil		0.7	26.3	6.6	64	0.1	15.1	10.5	370	2.97	4.8	0.8	15.7	3.1	36	<0.1	0.2	0.1	68	0.53	0.039
1026985	Soil		0.7	25.8	6.3	66	0.1	17.0	12.7	416	3.25	6.0	0.7	9.4	3.3	35	<0.1	0.3	0.1	74	0.46	0.042
1026986	Soil		0.9	25.1	7.6	66	<0.1	17.6	12.7	399	3.21	6.8	0.8	4.1	3.6	34	<0.1	0.3	0.1	71	0.41	0.043
1026987	Soil		0.2	18.9	5.3	76	<0.1	27.4	14.1	275	3.49	4.4	0.6	2.2	6.2	41	0.1	0.3	<0.1	72	0.66	0.125
1026988	Soil		0.9	21.0	7.6	62	<0.1	14.6	10.2	325	2.87	5.3	0.5	5.6	2.6	30	0.1	0.3	0.1	71	0.34	0.040
1026989	Soil		0.9	25.7	8.4	67	<0.1	16.3	12.8	352	3.22	6.9	0.9	4.9	4.1	32	0.1	0.3	0.1	73	0.39	0.042
1026990	Soil		1.0	15.7	8.4	64	<0.1	16.1	10.6	295	2.95	7.2	0.6	4.4	2.7	25	<0.1	0.3	0.1	70	0.31	0.057
1029525	Soil		0.6	17.2	5.5	38	<0.1	17.5	7.2	312	1.80	6.1	0.6	3.1	3.4	26	<0.1	0.5	<0.1	43	0.28	0.067
1029526	Soil		0.7	20.9	4.8	50	<0.1	18.2	7.4	366	2.28	5.6	0.5	3.1	3.0	23	0.1	0.4	<0.1	50	0.30	0.075
1029527	Soil		0.6	19.8	5.1	39	<0.1	18.0	7.0	337	1.98	5.9	0.6	4.7	3.3	26	0.1	0.6	<0.1	48	0.30	0.079
1029528	Soil		0.6	18.1	5.8	44	<0.1	20.0	7.8	336	2.07	6.7	0.6	5.8	3.3	29	0.1	0.5	<0.1	50	0.34	0.100
1029530	Soil		0.6	23.4	5.7	41	<0.1	21.0	7.9	327	2.07	6.8	0.6	5.0	3.3	27	<0.1	0.6	<0.1	49	0.33	0.069
1029531	Soil		0.6	18.1	5.6	36	<0.1	19.8	7.1	314	1.83	6.7	0.7	1.9	3.3	27	<0.1	0.5	<0.1	44	0.28	0.062
1029532	Soil		0.6	20.4	6.5	40	<0.1	18.7	8.2	248	2.30	8.6	0.7	4.6	3.5	30	<0.1	0.6	0.1	58	0.36	0.063
1029533	Soil		2.5	71.2	7.3	118	0.1	34.2	14.3	802	5.31	9.5	0.7	5.5	3.8	39	<0.1	2.0	<0.1	113	0.64	0.113
1029534	Soil		1.2	41.1	6.7	70	0.1	31.3	10.7	463	3.32	8.4	0.6	5.3	4.1	35	<0.1	0.9	0.1	74	0.53	0.074
1029535	Soil		0.6	19.8	5.8	41	<0.1	21.2	8.6	347	2.02	8.0	0.6	3.0	3.6	34	<0.1	0.5	<0.1	47	0.38	0.064
1029536	Soil		0.7	29.7	8.7	52	<0.1	24.3	11.4	300	2.82	11.5	1.0	4.0	5.0	37	<0.1	0.8	0.2	66	0.39	0.047
1029537	Soil		0.7	42.3	5.5	71	<0.1	21.2	16.0	468	4.84	10.0	0.6	1.9	6.1	36	<0.1	0.8	<0.1	116	0.49	0.032
1029538	Soil		0.4	37.2	2.4	62	<0.1	122.6	27.2	543	4.07	5.6	1.0	0.6	6.2	31	<0.1	0.3	<0.1	97	0.54	0.051
1029539	Soil		0.6	60.6	6.9	67	<0.1	36.5	17.4	457	3.87	10.9	0.9	2.3	5.2	32	<0.1	0.8	0.1	91	0.57	0.060
1029540	Soil		0.8	28.0	7.6	60	<0.1	21.1	10.6	314	2.80	9.4	0.6	4.5	4.3	24	<0.1	0.6	0.1	61	0.31	0.035

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026967	Soil	10	33	1.15	193	0.210	1	2.52	0.014	0.33	0.1	0.01	3.7	0.3	<0.05	8	<0.5	<0.2
1026968	Soil	10	36	1.12	195	0.212	<1	2.62	0.015	0.23	0.1	0.01	4.2	0.2	<0.05	9	<0.5	<0.2
1026969	Soil	12	35	1.87	305	0.269	<1	2.88	0.016	0.84	<0.1	<0.01	4.4	0.3	<0.05	9	<0.5	<0.2
1026973	Soil	83	46	1.75	628	0.175	1	2.35	0.025	0.97	1.0	0.01	4.6	0.4	<0.05	9	<0.5	<0.2
1026974	Soil	52	66	1.45	544	0.167	1	2.49	0.022	0.52	0.2	0.02	6.4	0.3	<0.05	10	0.8	<0.2
1026975	Soil	51	42	1.06	594	0.159	<1	2.03	0.022	0.51	0.1	0.03	6.0	0.2	<0.05	7	<0.5	<0.2
1026978	Soil	31	89	1.82	635	0.157	<1	2.29	0.026	0.86	0.3	0.01	6.6	0.3	<0.05	10	<0.5	<0.2
1026983	Soil	11	25	0.88	179	0.144	1	1.80	0.012	0.21	0.1	0.03	2.7	0.1	<0.05	6	0.5	<0.2
1026984	Soil	13	28	0.93	199	0.150	3	1.77	0.017	0.17	0.2	0.03	2.5	0.1	<0.05	6	0.5	<0.2
1026985	Soil	13	30	0.93	194	0.158	1	1.92	0.014	0.15	0.1	0.02	2.7	0.1	<0.05	7	<0.5	<0.2
1026986	Soil	13	32	0.87	203	0.147	1	1.97	0.017	0.09	0.2	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1026987	Soil	20	58	1.07	442	0.100	1	2.04	0.018	0.24	0.1	0.02	6.2	0.2	<0.05	7	<0.5	<0.2
1026988	Soil	9	28	0.89	146	0.153	2	1.84	0.017	0.13	0.2	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1026989	Soil	15	32	0.85	226	0.150	<1	2.19	0.016	0.11	0.1	0.02	3.4	<0.1	<0.05	7	0.5	<0.2
1026990	Soil	10	30	0.73	143	0.129	1	1.95	0.013	0.09	0.2	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
1029525	Soil	12	21	0.37	152	0.046	1	0.81	0.011	0.07	0.1	0.02	3.4	<0.1	<0.05	3	<0.5	<0.2
1029526	Soil	11	23	0.50	172	0.045	2	1.00	0.009	0.09	0.2	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
1029527	Soil	12	22	0.38	149	0.046	2	0.75	0.011	0.08	0.1	0.01	3.3	<0.1	<0.05	3	<0.5	<0.2
1029528	Soil	11	23	0.42	166	0.050	1	0.92	0.011	0.09	0.1	0.02	3.2	<0.1	<0.05	3	<0.5	<0.2
1029530	Soil	13	24	0.42	165	0.056	2	0.90	0.012	0.08	0.1	0.03	3.5	<0.1	<0.05	3	<0.5	<0.2
1029531	Soil	12	23	0.38	173	0.049	1	0.85	0.012	0.07	<0.1	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2
1029532	Soil	15	29	0.47	223	0.061	1	1.16	0.012	0.07	0.1	0.03	5.9	<0.1	0.22	4	<0.5	<0.2
1029533	Soil	15	43	1.21	463	0.083	1	2.36	0.015	0.14	<0.1	0.04	13.5	<0.1	0.13	10	0.7	<0.2
1029534	Soil	15	40	0.73	366	0.077	1	1.75	0.017	0.08	0.1	0.05	7.3	<0.1	<0.05	6	<0.5	<0.2
1029535	Soil	12	23	0.41	222	0.055	1	0.95	0.016	0.05	0.1	0.03	4.0	<0.1	<0.05	3	<0.5	<0.2
1029536	Soil	18	36	0.53	305	0.072	2	1.50	0.016	0.06	0.1	0.04	6.8	<0.1	<0.05	5	<0.5	<0.2
1029537	Soil	15	36	1.06	269	0.108	1	3.08	0.017	0.08	0.1	0.04	7.3	<0.1	<0.05	10	<0.5	<0.2
1029538	Soil	18	232	2.23	273	0.125	<1	2.80	0.020	0.16	<0.1	0.01	9.8	<0.1	<0.05	10	<0.5	<0.2
1029539	Soil	13	44	1.13	272	0.180	1	2.53	0.016	0.25	0.2	0.02	6.9	<0.1	<0.05	8	<0.5	<0.2
1029540	Soil	10	33	0.67	218	0.101	1	1.65	0.010	0.15	0.1	0.05	3.5	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029541	Soil		0.9	31.4	8.6	55	<0.1	28.8	11.9	352	3.01	12.5	0.9	5.0	5.0	32	<0.1	0.9	0.1	68	0.40	0.036
1029542	Soil		0.6	28.8	7.0	59	<0.1	26.2	13.9	390	2.98	8.5	0.6	1.0	4.0	27	<0.1	0.5	<0.1	73	0.46	0.063
1029543	Soil		0.6	27.0	5.1	77	<0.1	28.8	19.1	705	3.57	5.1	0.4	<0.5	2.4	50	<0.1	0.4	<0.1	69	0.55	0.049
1029544	Soil		0.6	21.7	4.2	88	<0.1	18.0	17.0	555	3.48	4.7	0.4	1.1	2.7	31	<0.1	0.3	<0.1	83	0.56	0.062
1029545	Soil		0.5	82.9	4.8	71	<0.1	32.5	22.7	689	4.61	8.5	0.7	5.7	4.7	33	<0.1	3.2	<0.1	96	0.68	0.048
1029546	Soil		0.5	39.4	4.8	54	<0.1	24.7	14.6	360	2.93	7.1	0.6	2.0	4.2	17	<0.1	0.5	0.1	74	0.33	0.065
1029547	Soil		0.5	32.4	4.5	60	<0.1	24.9	16.7	425	3.35	6.3	0.5	1.8	4.9	18	<0.1	0.3	<0.1	81	0.34	0.059
1029548	Soil		0.6	24.1	8.2	50	0.1	23.9	10.9	608	2.56	10.1	0.6	7.1	4.0	37	<0.1	0.6	0.2	56	0.49	0.065
1029628	Soil		0.5	17.8	5.7	41	<0.1	19.7	6.7	305	1.90	6.4	0.7	1.9	3.3	30	0.2	0.6	0.1	44	0.35	0.079
1029629	Soil		0.4	18.3	4.9	44	<0.1	19.4	6.6	335	1.96	5.9	0.5	1.5	2.8	31	0.2	0.5	<0.1	48	0.35	0.085
1029635	Soil		0.6	18.1	5.7	36	<0.1	19.2	10.1	318	1.96	7.6	0.7	3.5	4.0	27	<0.1	0.6	<0.1	45	0.27	0.063
1009005	Soil		1.0	12.5	22.5	41	<0.1	16.1	8.9	670	2.24	5.9	2.1	2.0	12.6	26	<0.1	0.4	5.4	53	0.31	0.019
1009006	Soil		0.8	16.5	33.4	34	<0.1	13.8	6.4	409	1.98	6.0	4.5	19.4	20.4	24	<0.1	0.5	11.1	46	0.32	0.016
1030796	Soil		0.6	60.2	5.2	91	<0.1	24.7	17.9	570	3.77	5.5	0.9	2.1	2.8	35	<0.1	0.4	0.1	88	0.34	0.051
1030797	Soil		0.9	68.0	6.8	190	<0.1	10.3	10.8	854	5.79	3.3	0.7	2.0	2.2	48	0.1	0.2	<0.1	120	0.24	0.140
1026661	Soil		1.2	17.4	10.4	56	0.2	17.7	9.3	319	3.11	8.2	0.7	2.4	5.0	17	0.1	0.5	0.2	76	0.19	0.033
1026662	Soil		0.9	27.2	9.2	74	<0.1	22.7	14.3	409	3.58	8.8	1.0	1.8	7.8	24	<0.1	0.7	0.2	75	0.23	0.036
1026664	Soil		0.8	44.7	9.0	92	<0.1	31.7	16.6	1019	5.19	2.4	1.1	2.4	3.3	12	0.2	0.3	<0.1	78	0.19	0.033
1026665	Soil		0.3	32.4	3.4	70	<0.1	10.1	18.1	521	4.26	2.3	0.4	1.7	2.3	20	<0.1	0.1	<0.1	122	0.31	0.023
1026667	Soil		0.7	28.1	7.3	64	<0.1	22.4	12.5	326	3.34	8.8	0.8	2.7	3.9	17	<0.1	0.5	0.1	84	0.16	0.022
1026668	Soil		0.5	12.8	6.5	87	<0.1	8.7	16.3	714	5.12	3.6	0.3	1.3	1.6	23	<0.1	0.2	<0.1	132	0.27	0.029
1027791	Soil		1.0	34.2	4.5	44	0.5	13.8	6.0	213	2.14	4.5	1.3	2.2	0.4	32	0.1	0.3	<0.1	41	0.44	0.130
1027792	Soil		1.7	47.5	11.5	73	0.7	19.8	22.0	1037	4.54	9.2	2.6	5.2	1.8	31	0.2	0.5	0.2	71	0.38	0.123
1027794	Soil		1.9	28.4	12.7	79	0.2	14.6	6.9	242	3.76	6.5	1.6	1.1	7.0	30	0.1	0.4	0.3	55	0.23	0.078
1027795	Soil		1.2	29.3	8.7	88	<0.1	15.5	27.3	1812	4.17	8.3	1.8	1.5	5.0	23	0.1	0.3	0.2	70	0.25	0.086
1027796	Soil		0.6	18.5	8.4	53	0.2	9.5	4.2	127	3.07	6.9	0.8	3.3	1.8	26	0.1	0.3	0.1	46	0.16	0.044
1027797	Soil		0.4	46.7	4.9	88	0.1	10.4	7.1	246	3.90	2.7	0.8	3.0	5.7	33	<0.1	0.2	0.2	83	0.15	0.051
1027798	Soil		0.6	27.5	3.5	57	<0.1	14.3	9.1	143	2.03	1.1	1.4	0.6	0.9	28	<0.1	0.1	<0.1	52	0.26	0.057
1027799	Soil		0.8	88.0	4.7	89	<0.1	24.2	24.2	650	3.53	5.1	1.6	1.4	4.1	28	0.1	0.3	<0.1	64	0.40	0.148
1027800	Soil		0.6	21.0	3.7	83	<0.1	19.7	18.5	510	3.74	2.8	0.5	1.6	5.6	33	0.2	0.2	<0.1	65	0.38	0.106

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CERTIFICATE OF ANALYSIS VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029541	Soil	15	43	0.65	270	0.096	1	1.75	0.014	0.09	0.2	0.03	5.9	<0.1	<0.05	5	<0.5	<0.2
1029542	Soil	9	31	0.87	238	0.159	1	1.87	0.014	0.32	0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1029543	Soil	5	35	1.39	233	0.090	<1	2.68	0.012	0.13	0.2	<0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
1029544	Soil	8	26	0.99	253	0.215	1	2.23	0.015	0.25	<0.1	0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1029545	Soil	16	31	1.59	242	0.097	1	2.85	0.014	0.15	0.2	0.03	9.9	<0.1	<0.05	9	<0.5	<0.2
1029546	Soil	6	27	1.05	304	0.200	<1	2.02	0.014	0.67	0.1	0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1029547	Soil	7	27	1.30	347	0.250	<1	2.21	0.020	0.89	<0.1	0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1029548	Soil	13	28	0.59	396	0.076	1	1.37	0.019	0.13	0.2	0.03	3.6	<0.1	<0.05	4	<0.5	<0.2
1029628	Soil	11	22	0.38	172	0.049	1	0.81	0.013	0.07	0.1	0.02	3.1	<0.1	<0.05	3	<0.5	<0.2
1029629	Soil	10	22	0.39	142	0.047	<1	0.76	0.012	0.06	<0.1	0.01	3.0	<0.1	<0.05	3	<0.5	<0.2
1029635	Soil	11	24	0.36	156	0.050	1	0.90	0.010	0.07	0.1	0.02	4.2	<0.1	<0.05	3	<0.5	<0.2
1009005	Soil	12	30	0.35	269	0.042	<1	1.59	0.011	0.09	0.1	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1009006	Soil	16	24	0.30	158	0.037	<1	1.44	0.011	0.08	0.2	0.01	3.1	0.1	<0.05	4	<0.5	<0.2
1030796	Soil	12	38	1.45	435	0.191	<1	2.61	0.016	0.29	<0.1	0.03	4.9	0.2	<0.05	7	<0.5	<0.2
1030797	Soil	8	25	1.59	677	0.295	<1	3.77	0.018	0.78	<0.1	0.01	6.4	0.2	<0.05	11	0.8	0.7
1026661	Soil	12	33	0.53	201	0.077	<1	2.14	0.013	0.04	0.1	0.03	2.4	0.1	<0.05	8	<0.5	<0.2
1026662	Soil	19	36	0.80	219	0.098	<1	2.66	0.014	0.05	0.1	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
1026664	Soil	12	40	0.19	230	0.004	<1	0.90	0.005	0.04	<0.1	0.03	9.4	<0.1	<0.05	2	<0.5	<0.2
1026665	Soil	8	15	1.87	293	0.185	<1	3.06	0.016	0.51	<0.1	<0.01	5.1	0.1	<0.05	9	<0.5	<0.2
1026667	Soil	10	33	0.80	181	0.113	<1	2.43	0.012	0.05	<0.1	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
1026668	Soil	5	14	2.51	320	0.166	<1	4.14	0.017	0.61	<0.1	<0.01	4.5	0.2	<0.05	10	<0.5	<0.2
1027791	Soil	10	21	0.44	289	0.040	2	1.07	0.016	0.16	<0.1	0.07	1.8	0.1	0.17	3	<0.5	<0.2
1027792	Soil	18	35	0.63	344	0.063	2	2.16	0.013	0.17	0.2	0.10	4.3	0.2	0.12	6	0.6	<0.2
1027794	Soil	21	23	0.71	266	0.093	<1	1.72	0.017	0.22	0.1	0.04	2.1	0.3	0.09	5	1.1	0.3
1027795	Soil	14	27	0.82	190	0.151	1	2.09	0.012	0.29	0.2	0.03	3.0	0.3	0.08	6	<0.5	<0.2
1027796	Soil	10	22	0.48	245	0.080	<1	1.60	0.009	0.13	<0.1	0.07	2.5	0.2	0.08	5	1.2	<0.2
1027797	Soil	20	27	1.07	702	0.244	<1	2.25	0.014	0.81	<0.1	0.03	3.3	0.5	0.11	9	1.0	<0.2
1027798	Soil	17	25	0.70	246	0.075	<1	1.21	0.019	0.38	<0.1	0.04	1.5	0.2	<0.05	7	<0.5	<0.2
1027799	Soil	23	34	1.01	203	0.150	<1	1.90	0.014	0.39	0.1	0.07	2.1	0.3	<0.05	5	<0.5	<0.2
1027800	Soil	9	39	1.43	216	0.187	<1	1.94	0.014	0.72	0.2	0.06	1.1	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1009014	Soil	0.9	14.2	28.9	57	<0.1	18.6	11.6	545	3.18	8.7	3.8	0.9	15.6	9	0.1	0.4	1.4	56	0.12	0.041
1009015	Soil	0.8	19.9	15.9	49	<0.1	19.7	8.3	363	2.56	8.4	5.3	3.3	11.4	17	<0.1	0.4	0.3	59	0.18	0.034
1009016	Soil	1.3	15.8	19.4	57	<0.1	19.9	9.4	459	2.78	10.1	1.8	1.8	8.8	13	<0.1	0.6	0.3	64	0.13	0.038
1009017	Soil	1.0	15.6	15.1	53	<0.1	18.2	6.7	284	2.29	7.7	3.1	2.4	8.0	13	0.1	0.5	0.6	56	0.17	0.045
1009018	Soil	0.7	20.6	10.2	45	0.2	19.2	7.3	270	2.21	6.8	3.1	2.7	5.2	19	0.1	0.4	0.4	54	0.20	0.043
1009019	Soil	0.8	24.8	14.0	56	<0.1	20.6	9.1	420	2.61	8.3	4.4	2.0	16.6	23	<0.1	0.5	0.5	61	0.25	0.036
1009020	Soil	0.6	27.4	13.5	62	<0.1	23.3	10.4	509	2.74	8.8	3.7	2.7	16.9	28	0.1	0.6	0.5	64	0.31	0.034
1009021	Soil	1.0	22.3	11.1	50	<0.1	19.8	9.0	285	2.56	9.5	1.7	2.7	8.8	21	<0.1	0.4	0.4	60	0.18	0.021
1009022	Soil	0.5	4.7	21.0	26	<0.1	4.9	3.6	291	1.38	4.1	1.7	<0.5	16.7	11	<0.1	0.2	0.6	27	0.10	0.022
1009023	Soil	0.4	10.3	30.1	54	<0.1	10.4	5.9	774	1.87	4.3	3.9	<0.5	47.3	8	0.1	0.3	0.9	31	0.11	0.047
1009024	Soil	1.2	21.3	15.9	53	<0.1	26.4	11.8	309	2.78	10.6	1.2	1.6	8.6	12	<0.1	0.5	0.4	61	0.12	0.045
1009025	Soil	0.9	19.5	16.5	58	<0.1	29.4	9.4	372	2.62	10.2	1.4	1.4	12.4	21	0.1	0.6	0.4	64	0.17	0.024
1009026	Soil	0.8	28.8	14.6	59	<0.1	25.7	11.1	449	2.88	10.0	2.1	2.3	14.1	26	<0.1	0.6	0.3	68	0.26	0.021
1009027	Soil	0.8	26.3	14.1	47	<0.1	22.2	8.3	368	2.22	6.9	1.4	4.8	8.4	21	<0.1	0.5	0.4	53	0.22	0.018
1009028	Soil	0.7	21.9	13.7	46	0.1	24.0	9.2	244	2.48	9.0	1.6	2.5	8.5	16	<0.1	0.5	0.4	60	0.14	0.013
1026971	Soil	0.3	42.8	5.1	88	<0.1	20.1	17.0	401	3.76	2.9	9.5	1.7	67.2	32	<0.1	0.2	<0.1	78	0.47	0.133
1026972	Soil	0.6	18.5	5.5	58	<0.1	8.0	9.1	333	2.61	3.3	1.3	1.5	4.0	18	<0.1	0.2	0.1	62	0.25	0.065
1026977	Soil	0.3	31.2	3.9	84	<0.1	38.7	20.3	423	3.77	3.5	0.7	4.2	7.1	29	<0.1	0.3	<0.1	85	0.58	0.115
1026979	Soil	0.2	15.2	3.9	82	<0.1	16.5	15.2	467	3.73	2.3	0.6	2.1	8.8	26	<0.1	0.5	<0.1	84	0.74	0.141
1027651	Soil	1.0	20.0	11.9	42	<0.1	24.9	10.2	239	2.90	10.4	1.5	1.7	6.4	12	<0.1	0.6	0.2	60	0.12	0.028
1027652	Soil	0.8	27.1	12.6	51	<0.1	27.9	11.4	269	2.84	10.0	1.3	4.3	6.6	19	<0.1	0.6	0.3	65	0.17	0.021
1027653	Soil	1.0	34.9	14.2	58	<0.1	25.9	10.9	362	2.98	11.7	7.9	4.0	11.7	24	<0.1	0.6	0.4	66	0.20	0.020
1027654	Soil	0.8	35.0	14.7	60	<0.1	24.4	11.1	587	2.84	9.2	5.2	2.3	11.5	32	<0.1	0.6	0.7	68	0.34	0.027
1027655	Soil	0.7	33.5	15.3	55	<0.1	25.8	9.4	436	2.69	9.6	4.8	2.8	10.4	27	<0.1	0.6	0.4	65	0.30	0.024
1027940	Soil	1.0	19.5	9.2	54	<0.1	18.4	12.2	344	3.03	7.6	0.9	2.4	4.9	23	<0.1	0.5	0.1	71	0.29	0.020
1027941	Soil	7.5	237.6	66.4	535	<0.1	77.7	17.5	656	4.95	89.1	2.8	1.2	7.5	21	0.7	41.2	0.2	122	0.26	0.160
1027944	Soil	0.3	11.3	5.3	63	<0.1	7.6	8.2	551	2.79	2.5	1.5	<0.5	20.5	19	<0.1	0.1	0.1	37	0.24	0.058
1027945	Soil	0.3	12.6	5.6	70	<0.1	7.7	8.3	569	2.88	2.5	1.4	1.2	20.0	19	<0.1	0.3	<0.1	38	0.24	0.050
1027946	Soil	1.3	11.8	7.7	58	<0.1	12.2	10.8	579	3.32	7.2	0.4	1.4	3.2	17	<0.1	0.4	0.2	78	0.20	0.053
1027947	Soil	0.4	9.8	3.3	75	<0.1	7.0	18.4	859	4.14	2.6	0.5	<0.5	8.0	16	0.1	0.2	<0.1	86	0.22	0.059

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1009014	Soil	9	31	0.36	99	0.055	<1	2.07	0.008	0.07	0.2	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1009015	Soil	17	32	0.48	152	0.080	<1	1.73	0.010	0.05	0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1009016	Soil	8	32	0.46	130	0.066	<1	1.83	0.009	0.05	0.3	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1009017	Soil	8	28	0.44	114	0.061	1	1.61	0.009	0.06	0.2	0.02	2.6	0.2	0.05	6	<0.5	<0.2
1009018	Soil	14	27	0.41	165	0.064	<1	1.50	0.011	0.04	0.2	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1009019	Soil	19	39	0.54	193	0.087	<1	1.87	0.015	0.05	0.2	0.03	5.8	0.2	<0.05	6	<0.5	<0.2
1009020	Soil	21	40	0.59	205	0.100	<1	1.91	0.014	0.06	0.2	0.03	6.9	0.2	<0.05	5	<0.5	<0.2
1009021	Soil	19	36	0.50	177	0.073	<1	1.87	0.012	0.04	0.1	0.04	4.9	0.1	<0.05	5	<0.5	<0.2
1009022	Soil	10	12	0.13	94	0.017	<1	0.85	0.007	0.04	0.1	<0.01	1.6	0.2	<0.05	3	<0.5	<0.2
1009023	Soil	19	17	0.26	76	0.035	<1	1.12	0.008	0.09	0.3	0.01	3.4	0.4	<0.05	4	<0.5	<0.2
1009024	Soil	7	40	0.45	149	0.069	1	2.81	0.008	0.05	0.2	0.07	3.7	0.2	<0.05	5	<0.5	<0.2
1009025	Soil	10	37	0.50	204	0.073	<1	2.05	0.011	0.05	0.2	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1009026	Soil	22	43	0.56	249	0.081	<1	2.15	0.012	0.05	0.2	0.05	6.1	<0.1	<0.05	6	<0.5	<0.2
1009027	Soil	17	32	0.47	185	0.085	<1	1.33	0.011	0.04	0.2	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
1009028	Soil	13	39	0.47	171	0.076	<1	2.32	0.009	0.05	0.1	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
1026971	Soil	128	41	1.16	370	0.173	<1	1.83	0.018	0.63	<0.1	0.02	3.5	0.3	<0.05	8	<0.5	<0.2
1026972	Soil	14	19	0.64	211	0.126	<1	1.27	0.017	0.25	<0.1	0.03	2.4	0.1	<0.05	7	<0.5	<0.2
1026977	Soil	23	85	1.46	473	0.147	<1	2.09	0.022	0.62	0.1	0.01	5.8	0.2	<0.05	7	<0.5	<0.2
1026979	Soil	31	33	0.92	342	0.056	<1	1.79	0.010	0.33	0.2	0.01	12.1	0.1	<0.05	7	<0.5	<0.2
1027651	Soil	13	38	0.42	179	0.060	<1	2.32	0.009	0.04	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1027652	Soil	16	37	0.60	193	0.082	2	2.23	0.011	0.05	0.1	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1027653	Soil	30	42	0.56	214	0.076	1	2.26	0.011	0.06	0.1	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
1027654	Soil	21	39	0.59	240	0.104	2	1.94	0.018	0.06	0.2	0.04	6.7	<0.1	<0.05	6	<0.5	<0.2
1027655	Soil	18	43	0.54	271	0.091	<1	1.92	0.015	0.05	0.2	0.05	6.6	0.1	<0.05	5	<0.5	<0.2
1027940	Soil	11	34	0.62	231	0.069	<1	2.12	0.014	0.05	<0.1	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1027941	Soil	18	36	0.27	83	0.016	<1	1.20	0.005	0.09	0.1	0.02	6.3	<0.1	<0.05	3	3.8	0.2
1027944	Soil	49	12	0.58	168	0.051	<1	1.67	0.008	0.24	<0.1	0.01	3.9	0.2	<0.05	5	<0.5	<0.2
1027945	Soil	52	12	0.59	172	0.052	<1	1.65	0.009	0.25	<0.1	0.01	3.9	0.2	<0.05	6	<0.5	<0.2
1027946	Soil	8	25	0.68	143	0.087	<1	1.97	0.007	0.11	0.1	<0.01	2.3	0.1	<0.05	7	<0.5	<0.2
1027947	Soil	8	12	1.35	97	0.123	<1	2.73	0.007	0.48	<0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1009034	Soil	1.9	98.7	16.7	137	0.4	57.6	23.0	843	5.12	16.9	1.0	2.1	3.2	20	0.1	8.2	0.2	149	0.58	0.066
1009035	Soil	1.5	115.2	2.4	47	<0.1	21.5	20.6	318	4.50	3.8	0.6	<0.5	1.3	16	<0.1	0.3	<0.1	187	0.53	0.064
1009041	Soil	0.7	42.2	6.8	80	<0.1	31.2	13.3	470	3.45	5.8	0.8	2.0	4.5	25	<0.1	0.3	0.1	87	0.39	0.054
1009042	Soil	1.4	63.4	12.0	139	<0.1	10.2	8.5	1379	5.22	2.7	1.2	1.3	3.2	16	<0.1	1.6	0.2	21	0.35	0.106
1009043	Soil	0.4	28.5	3.2	39	<0.1	16.5	14.7	268	2.67	4.6	0.2	0.6	1.1	20	<0.1	0.3	<0.1	68	0.29	0.040
1009044	Soil	0.3	34.5	3.6	39	<0.1	27.5	15.5	324	2.75	3.6	0.2	0.7	1.8	20	<0.1	0.2	<0.1	66	0.41	0.034
1009045	Soil	0.8	10.9	7.2	106	<0.1	5.1	11.3	394	3.67	3.9	0.4	<0.5	2.4	10	0.1	0.2	<0.1	41	0.21	0.062
1009046	Soil	0.3	13.5	6.6	82	<0.1	12.9	8.6	558	3.70	3.3	1.0	1.6	10.6	18	<0.1	0.7	0.1	38	0.41	0.071
1009047	Soil	0.4	185.4	12.9	155	0.2	30.7	48.2	1752	9.38	2.9	0.4	1.1	2.8	37	0.2	0.9	0.2	199	0.75	0.176
1009048	Soil	0.6	16.5	29.9	255	0.1	8.7	9.4	1841	6.57	2.1	0.7	1.2	2.8	24	0.4	1.2	<0.1	39	0.65	0.146
1009049	Soil	0.5	22.3	4.9	40	<0.1	20.8	13.4	263	2.51	5.3	0.2	0.7	1.3	26	<0.1	0.2	<0.1	59	0.29	0.052
1009050	Soil	0.6	29.9	5.1	54	<0.1	38.5	24.5	631	4.66	5.5	0.5	0.5	3.4	35	<0.1	0.4	0.1	104	0.42	0.038
1021841	Soil	0.6	45.8	6.7	59	0.2	32.6	11.9	490	2.83	9.0	0.5	3.2	2.9	77	0.1	0.6	0.1	62	2.80	0.082
1021843	Soil	0.2	65.5	5.5	83	0.1	32.4	22.0	1269	5.27	2.4	0.7	1.0	2.9	35	<0.1	0.3	<0.1	85	0.67	0.078
1021846	Soil	0.5	27.7	4.7	80	<0.1	24.2	21.7	645	5.64	6.8	0.4	<0.5	2.3	89	<0.1	0.6	<0.1	150	0.93	0.067
1029801	Soil	0.7	34.1	6.3	60	<0.1	32.8	13.9	359	3.18	8.9	0.4	0.8	3.3	49	<0.1	0.4	0.1	64	0.43	0.025
1029802	Soil	0.6	72.6	5.1	76	<0.1	23.4	18.0	806	4.15	6.1	0.9	1.4	3.3	32	<0.1	0.4	<0.1	99	0.40	0.072
1029803	Soil	0.8	18.6	6.9	57	<0.1	23.1	11.1	337	3.19	8.9	0.4	3.0	2.7	25	<0.1	0.5	0.1	70	0.25	0.030
1029804	Soil	0.8	26.7	7.2	49	<0.1	24.2	11.1	252	2.90	9.8	0.7	1.5	4.5	29	<0.1	0.7	0.1	62	0.27	0.025
1029805	Soil	0.6	21.2	5.4	44	<0.1	21.6	9.0	232	2.33	7.1	0.4	1.3	2.7	33	<0.1	0.4	<0.1	53	0.29	0.043
1029818	Soil	0.5	88.7	4.5	90	<0.1	18.0	25.8	1072	6.26	3.5	1.4	1.1	4.2	42	<0.1	0.3	0.1	158	0.74	0.057
1029819	Soil	0.7	32.1	6.3	103	<0.1	12.4	17.6	775	5.38	5.1	0.3	<0.5	1.4	34	0.2	0.3	<0.1	104	0.40	0.123
1029820	Soil	0.4	70.6	3.7	81	<0.1	23.7	25.7	505	5.63	6.1	1.0	<0.5	3.4	38	<0.1	0.3	<0.1	157	0.52	0.061
1029821	Soil	0.3	81.3	3.3	89	<0.1	22.3	23.3	811	5.62	3.7	0.5	<0.5	3.0	20	0.1	0.2	<0.1	183	0.31	0.067
1029822	Soil	0.4	35.3	3.7	47	<0.1	15.6	13.9	366	2.64	3.7	0.4	<0.5	1.9	21	<0.1	0.2	<0.1	72	0.32	0.026
1029823	Soil	0.4	61.6	4.3	89	<0.1	23.8	16.3	656	4.40	5.2	0.9	1.1	4.4	30	<0.1	0.3	<0.1	103	0.53	0.095
1029824	Soil	0.4	72.3	4.6	108	<0.1	15.8	26.6	901	6.03	5.2	1.0	0.6	3.0	21	<0.1	0.2	<0.1	185	0.32	0.055
1029825	Soil	0.3	60.6	2.4	83	<0.1	16.2	14.5	486	3.66	2.7	0.5	0.7	2.3	21	<0.1	0.2	<0.1	93	0.36	0.039
1029826	Soil	0.7	44.5	3.3	77	<0.1	14.6	17.7	695	4.82	4.2	0.4	<0.5	2.2	20	<0.1	0.3	<0.1	101	0.32	0.063
1029827	Soil	0.7	41.5	6.7	60	<0.1	19.5	13.5	393	3.44	6.9	0.6	0.9	3.6	22	<0.1	0.4	0.1	82	0.29	0.028

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Client: **Ethos Capital Corp.**
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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1009034	Soil	13	48	0.28	1502	0.002	3	1.39	0.007	0.08	0.1	0.05	21.4	0.2	<0.05	4	0.9	<0.2
1009035	Soil	4	29	1.04	531	0.119	<1	2.03	0.042	0.09	<0.1	<0.01	8.1	<0.1	<0.05	7	1.5	<0.2
1009041	Soil	18	50	0.97	248	0.131	<1	1.95	0.016	0.08	<0.1	0.02	5.7	<0.1	<0.05	7	<0.5	<0.2
1009042	Soil	25	7	0.18	917	0.001	<1	1.44	0.004	0.11	<0.1	0.03	10.4	0.2	<0.05	3	<0.5	<0.2
1009043	Soil	2	19	0.93	76	0.050	<1	2.35	0.020	0.04	<0.1	<0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1009044	Soil	5	51	1.04	115	0.067	<1	1.84	0.020	0.03	<0.1	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1009045	Soil	7	11	1.22	124	0.065	<1	1.83	0.008	0.11	<0.1	<0.01	9.8	<0.1	<0.05	11	<0.5	<0.2
1009046	Soil	23	13	0.34	296	0.007	2	1.33	0.011	0.09	<0.1	0.03	10.2	0.1	0.11	4	0.7	<0.2
1009047	Soil	14	82	2.64	135	0.017	2	3.71	0.019	0.04	<0.1	0.05	22.9	<0.1	0.08	15	1.2	<0.2
1009048	Soil	16	9	0.43	682	0.008	1	2.03	0.011	0.09	<0.1	0.11	18.7	0.3	<0.05	7	1.1	<0.2
1009049	Soil	3	21	0.85	168	0.078	<1	2.22	0.032	0.03	<0.1	0.02	2.3	<0.1	<0.05	5	0.6	<0.2
1009050	Soil	9	82	1.79	210	0.050	<1	3.15	0.012	0.03	<0.1	0.02	7.3	<0.1	<0.05	8	0.5	<0.2
1021841	Soil	11	30	0.95	282	0.090	2	1.61	0.039	0.06	0.2	0.08	3.6	<0.1	0.08	5	0.7	<0.2
1021843	Soil	20	22	2.00	160	0.010	1	3.18	0.007	0.08	0.4	0.03	6.3	<0.1	<0.05	10	1.1	<0.2
1021846	Soil	6	36	1.88	201	0.049	1	3.43	0.021	0.04	<0.1	0.01	10.7	<0.1	<0.05	12	0.5	<0.2
1029801	Soil	7	38	1.15	239	0.111	<1	3.18	0.015	0.06	0.1	0.03	2.6	<0.1	<0.05	7	0.5	<0.2
1029802	Soil	21	44	1.67	384	0.196	1	2.61	0.018	0.41	<0.1	0.02	5.2	0.2	<0.05	7	0.5	<0.2
1029803	Soil	8	33	0.80	228	0.089	1	2.29	0.015	0.05	0.1	0.02	2.5	<0.1	<0.05	6	0.7	<0.2
1029804	Soil	12	36	0.68	242	0.080	1	1.89	0.019	0.05	0.2	0.02	3.8	<0.1	<0.05	5	0.8	<0.2
1029805	Soil	8	29	0.63	187	0.071	<1	1.60	0.015	0.04	0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1029818	Soil	29	39	2.16	492	0.025	<1	3.70	0.021	0.09	<0.1	0.01	16.0	<0.1	<0.05	11	1.0	<0.2
1029819	Soil	4	23	1.75	259	0.298	<1	3.41	0.022	0.58	<0.1	0.02	4.7	0.2	<0.05	11	0.6	<0.2
1029820	Soil	17	39	3.18	551	0.301	<1	4.14	0.024	1.03	<0.1	0.02	6.8	0.2	<0.05	12	0.6	<0.2
1029821	Soil	11	53	2.26	563	0.345	<1	3.64	0.022	1.21	<0.1	<0.01	6.9	0.4	<0.05	11	1.0	<0.2
1029822	Soil	9	32	1.07	244	0.137	<1	1.85	0.026	0.22	<0.1	0.05	3.6	0.1	<0.05	5	<0.5	<0.2
1029823	Soil	13	58	1.83	576	0.226	<1	2.81	0.026	0.67	<0.1	0.02	11.7	0.2	<0.05	10	0.7	<0.2
1029824	Soil	19	31	2.62	391	0.302	<1	4.09	0.020	0.56	<0.1	0.02	6.5	0.2	<0.05	11	0.8	<0.2
1029825	Soil	11	22	1.66	521	0.165	<1	2.69	0.029	0.32	<0.1	0.01	4.3	<0.1	<0.05	8	0.5	<0.2
1029826	Soil	5	21	1.80	459	0.238	<1	3.09	0.019	0.92	<0.1	0.02	3.9	0.2	<0.05	9	0.8	<0.2
1029827	Soil	10	32	1.06	297	0.133	<1	2.51	0.017	0.17	0.1	0.03	3.7	<0.1	<0.05	6	0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029828	Soil	1.4	28.1	9.1	58	<0.1	13.9	14.8	508	3.59	9.5	0.4	<0.5	2.6	18	<0.1	0.4	0.2	99	0.23	0.052
1029829	Soil	1.0	24.1	10.1	59	<0.1	21.0	11.6	362	3.32	7.6	0.8	1.1	4.6	19	0.1	0.5	0.1	73	0.24	0.044
1029830	Soil	0.8	20.4	8.5	64	<0.1	17.6	10.3	372	2.97	6.2	0.8	1.7	4.7	23	<0.1	0.4	0.1	63	0.29	0.040
1029831	Soil	0.8	30.8	7.5	70	<0.1	17.4	11.2	409	3.31	7.6	1.0	3.4	4.2	27	<0.1	0.4	0.1	73	0.30	0.036
1029832	Soil	0.7	37.2	7.7	80	<0.1	21.3	13.5	548	3.49	7.1	1.5	12.1	4.3	34	0.1	0.5	0.1	81	0.37	0.037
1029833	Soil	0.3	78.5	4.4	89	<0.1	8.9	18.2	816	4.60	2.1	0.7	<0.5	4.7	10	<0.1	<0.1	<0.1	113	0.32	0.102
1030621	Soil	0.8	27.4	7.0	58	0.1	21.9	10.0	399	2.59	8.7	0.7	18.0	4.4	36	0.1	0.6	0.1	56	0.57	0.075
1030623	Soil	0.8	52.8	8.0	58	0.1	22.7	12.7	576	2.96	6.7	1.1	2.1	4.2	43	0.1	0.7	0.2	63	0.76	0.049
1030624	Soil	0.9	23.2	7.7	61	<0.1	23.7	12.9	460	3.36	8.5	0.6	0.6	4.2	33	<0.1	0.5	0.1	68	0.46	0.035
1030625	Soil	0.6	37.5	7.4	52	<0.1	18.3	10.6	515	2.76	7.8	1.5	2.5	4.4	45	<0.1	0.6	0.1	63	0.72	0.039
1030626	Soil	0.6	17.2	6.1	76	<0.1	16.9	15.0	525	3.70	6.2	0.7	1.2	5.4	40	0.1	0.3	<0.1	81	0.61	0.069
1030627	Soil	0.6	22.7	6.2	67	<0.1	18.7	14.5	522	3.75	5.9	0.7	1.2	6.2	39	<0.1	0.5	0.1	82	0.54	0.047
1030628	Soil	0.8	24.4	6.2	69	<0.1	20.2	17.0	439	3.81	5.0	0.4	<0.5	3.4	27	<0.1	0.3	0.1	94	0.38	0.032
1030629	Soil	0.7	35.5	7.3	61	<0.1	28.7	13.6	341	3.29	10.5	0.7	3.6	7.6	22	<0.1	0.5	<0.1	85	0.27	0.031
1030630	Soil	0.6	26.3	4.0	66	<0.1	19.9	19.4	436	3.80	4.9	0.6	0.9	8.3	16	<0.1	0.2	<0.1	99	0.32	0.046

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029828	Soil	8	33	0.91	247	0.145	1	2.02	0.020	0.17	0.2	0.01	2.9	0.1	<0.05	8	<0.5	<0.2
1029829	Soil	13	37	0.71	310	0.087	1	2.26	0.013	0.08	0.1	0.03	3.7	0.1	<0.05	6	0.6	<0.2
1029830	Soil	14	31	0.80	378	0.109	2	2.02	0.017	0.12	0.1	0.02	3.6	<0.1	<0.05	6	0.6	<0.2
1029831	Soil	14	32	0.97	421	0.112	2	2.24	0.017	0.10	0.1	0.03	5.5	<0.1	<0.05	7	0.9	<0.2
1029832	Soil	16	34	1.13	527	0.175	1	2.26	0.019	0.19	0.1	0.04	6.7	0.1	<0.05	7	<0.5	<0.2
1029833	Soil	8	24	1.97	527	0.294	<1	3.22	0.024	1.06	<0.1	<0.01	7.8	0.2	<0.05	11	0.6	<0.2
1030621	Soil	15	29	0.67	309	0.079	2	1.44	0.029	0.07	0.2	0.04	3.6	<0.1	<0.05	4	0.6	<0.2
1030623	Soil	17	33	0.77	387	0.110	1	2.07	0.025	0.09	0.1	0.05	3.9	<0.1	<0.05	6	<0.5	<0.2
1030624	Soil	14	38	0.86	288	0.107	1	1.97	0.023	0.11	0.1	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1030625	Soil	17	28	0.70	367	0.076	2	1.80	0.023	0.07	0.2	0.05	4.2	<0.1	<0.05	5	0.6	<0.2
1030626	Soil	16	29	1.26	262	0.179	2	2.42	0.024	0.16	<0.1	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1030627	Soil	18	32	1.22	232	0.167	2	2.32	0.021	0.18	0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
1030628	Soil	9	35	1.29	199	0.169	<1	2.30	0.014	0.14	0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1030629	Soil	19	40	0.98	167	0.128	<1	1.99	0.011	0.11	<0.1	0.04	4.1	<0.1	<0.05	6	0.7	<0.2
1030630	Soil	8	33	1.57	214	0.263	<1	2.54	0.014	0.53	<0.1	<0.01	2.3	0.1	<0.05	7	0.6	<0.2

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1030795	Soil	0.2	67.4	2.2	60	<0.1	41.8	27.4	478	4.26	2.8	0.5	<0.5	2.4	28	<0.1	0.1	<0.1	123	0.45	0.065
REP 1030795	QC	0.2	69.1	2.4	63	<0.1	42.1	27.5	471	4.25	2.8	0.5	<0.5	2.4	28	<0.1	0.1	<0.1	123	0.43	0.061
1022845	Soil	0.9	13.5	10.3	81	0.1	17.4	8.2	308	2.61	8.3	0.4	0.7	2.9	17	0.3	0.4	0.2	57	0.20	0.021
REP 1022845	QC	0.9	13.1	10.0	80	0.1	16.5	8.2	307	2.60	8.0	0.4	1.0	2.8	16	0.3	0.4	0.2	55	0.19	0.020
1022631	Soil	0.5	11.7	30.8	52	<0.1	13.7	8.0	681	2.20	3.9	2.7	<0.5	39.9	27	<0.1	0.2	0.6	43	0.30	0.022
REP 1022631	QC	0.6	12.2	31.0	54	<0.1	13.9	8.0	683	2.24	4.2	2.5	<0.5	38.1	27	<0.1	0.3	0.6	45	0.32	0.022
1026960	Soil	0.7	18.8	6.9	70	<0.1	17.1	12.6	403	3.36	6.5	0.7	5.1	4.3	32	<0.1	0.4	0.1	77	0.42	0.039
REP 1026960	QC	0.7	17.4	6.3	65	<0.1	15.5	11.7	377	3.20	6.3	0.7	2.8	3.8	28	<0.1	0.3	0.1	70	0.38	0.036
1026986	Soil	0.9	25.1	7.6	66	<0.1	17.6	12.7	399	3.21	6.8	0.8	4.1	3.6	34	<0.1	0.3	0.1	71	0.41	0.043
REP 1026986	QC	0.7	24.5	7.3	66	<0.1	16.8	12.3	380	3.05	6.4	0.8	4.9	3.6	32	<0.1	0.3	0.1	71	0.41	0.043
1029533	Soil	2.5	71.2	7.3	118	0.1	34.2	14.3	802	5.31	9.5	0.7	5.5	3.8	39	<0.1	2.0	<0.1	113	0.64	0.113
REP 1029533	QC	2.4	68.3	7.2	113	0.1	34.3	14.1	773	5.24	9.2	0.6	5.1	3.7	39	<0.1	1.9	<0.1	110	0.61	0.104
1026665	Soil	0.3	32.4	3.4	70	<0.1	10.1	18.1	521	4.26	2.3	0.4	1.7	2.3	20	<0.1	0.1	<0.1	122	0.31	0.023
REP 1026665	QC	0.4	33.9	3.2	71	<0.1	10.3	18.6	541	4.31	2.4	0.4	1.7	2.2	20	<0.1	0.2	<0.1	125	0.31	0.025
1027791	Soil	1.0	34.2	4.5	44	0.5	13.8	6.0	213	2.14	4.5	1.3	2.2	0.4	32	0.1	0.3	<0.1	41	0.44	0.130
REP 1027791	QC	1.0	32.4	4.0	40	0.4	12.9	5.9	205	2.00	4.2	1.3	1.9	0.4	31	0.1	0.3	0.1	42	0.40	0.129
1009016	Soil	1.3	15.8	19.4	57	<0.1	19.9	9.4	459	2.78	10.1	1.8	1.8	8.8	13	<0.1	0.6	0.3	64	0.13	0.038
REP 1009016	QC	1.1	15.3	18.7	56	<0.1	19.7	9.1	449	2.78	10.1	1.9	0.9	9.2	13	0.1	0.6	0.3	63	0.14	0.037
1027654	Soil	0.8	35.0	14.7	60	<0.1	24.4	11.1	587	2.84	9.2	5.2	2.3	11.5	32	<0.1	0.6	0.7	68	0.34	0.027
REP 1027654	QC	0.7	36.0	15.0	64	<0.1	24.6	11.3	593	2.86	9.1	5.3	2.4	11.5	33	<0.1	0.6	0.7	69	0.36	0.027
1009034	Soil	1.9	98.7	16.7	137	0.4	57.6	23.0	843	5.12	16.9	1.0	2.1	3.2	20	0.1	8.2	0.2	149	0.58	0.066
REP 1009034	QC	2.1	103.3	17.2	141	0.5	61.5	24.7	897	5.45	17.9	1.2	1.8	3.6	20	0.2	8.6	0.3	158	0.64	0.067
1021841	Soil	0.6	45.8	6.7	59	0.2	32.6	11.9	490	2.83	9.0	0.5	3.2	2.9	77	0.1	0.6	0.1	62	2.80	0.082
REP 1021841	QC	0.6	46.0	7.0	60	0.2	34.0	12.6	532	2.87	9.9	0.5	2.3	3.1	75	0.2	0.5	0.2	66	2.86	0.082
1029832	Soil	0.7	37.2	7.7	80	<0.1	21.3	13.5	548	3.49	7.1	1.5	12.1	4.3	34	0.1	0.5	0.1	81	0.37	0.037
REP 1029832	QC	0.8	35.4	7.0	77	<0.1	21.7	13.2	517	3.58	6.4	1.3	1.7	4.2	32	<0.1	0.4	0.1	83	0.35	0.037
Reference Materials																					
STD DS8	Standard	13.0	113.0	126.1	322	1.8	39.7	7.5	634	2.48	26.9	2.8	120.6	6.7	65	2.4	6.3	7.2	45	0.71	0.084

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002504.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1030795	Soil	11	72	2.70	313	0.271	<1	3.69	0.035	0.39	<0.1	0.01	4.3	0.1	<0.05	10	<0.5	<0.2
REP 1030795	QC	12	72	2.61	326	0.270	<1	3.59	0.032	0.41	<0.1	<0.01	4.2	0.1	<0.05	10	<0.5	<0.2
1022845	Soil	8	29	0.44	237	0.047	<1	1.76	0.010	0.12	<0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
REP 1022845	QC	8	28	0.43	238	0.045	<1	1.69	0.011	0.12	0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1022631	Soil	25	21	0.44	134	0.034	<1	1.58	0.011	0.10	<0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
REP 1022631	QC	26	22	0.45	135	0.044	<1	1.73	0.014	0.11	0.1	0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1026960	Soil	14	32	1.00	205	0.140	1	2.11	0.014	0.07	0.1	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
REP 1026960	QC	13	31	0.93	203	0.125	1	1.91	0.014	0.06	0.2	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1026986	Soil	13	32	0.87	203	0.147	1	1.97	0.017	0.09	0.2	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
REP 1026986	QC	13	31	0.86	197	0.146	1	1.98	0.017	0.09	0.2	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1029533	Soil	15	43	1.21	463	0.083	1	2.36	0.015	0.14	<0.1	0.04	13.5	<0.1	0.13	10	0.7	<0.2
REP 1029533	QC	15	40	1.09	456	0.083	1	2.19	0.014	0.13	0.1	0.05	12.8	<0.1	0.07	10	0.5	<0.2
1026665	Soil	8	15	1.87	293	0.185	<1	3.06	0.016	0.51	<0.1	<0.01	5.1	0.1	<0.05	9	<0.5	<0.2
REP 1026665	QC	8	16	2.01	292	0.189	<1	3.35	0.016	0.55	<0.1	<0.01	5.0	0.1	<0.05	9	<0.5	<0.2
1027791	Soil	10	21	0.44	289	0.040	2	1.07	0.016	0.16	<0.1	0.07	1.8	0.1	0.17	3	<0.5	<0.2
REP 1027791	QC	9	18	0.43	276	0.038	<1	1.07	0.015	0.15	<0.1	0.07	2.0	0.1	0.13	3	<0.5	<0.2
1009016	Soil	8	32	0.46	130	0.066	<1	1.83	0.009	0.05	0.3	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
REP 1009016	QC	8	32	0.45	129	0.062	1	1.82	0.008	0.05	0.2	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
1027654	Soil	21	39	0.59	240	0.104	2	1.94	0.018	0.06	0.2	0.04	6.7	<0.1	<0.05	6	<0.5	<0.2
REP 1027654	QC	21	40	0.61	243	0.106	2	1.97	0.018	0.06	0.2	0.03	6.8	<0.1	<0.05	6	<0.5	<0.2
1009034	Soil	13	48	0.28	1502	0.002	3	1.39	0.007	0.08	0.1	0.05	21.4	0.2	<0.05	4	0.9	<0.2
REP 1009034	QC	13	51	0.29	1600	0.002	3	1.46	0.008	0.08	0.1	0.04	22.5	0.2	<0.05	4	1.2	<0.2
1021841	Soil	11	30	0.95	282	0.090	2	1.61	0.039	0.06	0.2	0.08	3.6	<0.1	0.08	5	0.7	<0.2
REP 1021841	QC	12	30	0.99	286	0.096	3	1.65	0.042	0.08	0.2	0.07	3.8	<0.1	0.08	5	0.8	<0.2
1029832	Soil	16	34	1.13	527	0.175	1	2.26	0.019	0.19	0.1	0.04	6.7	0.1	<0.05	7	<0.5	<0.2
REP 1029832	QC	16	35	1.10	527	0.169	<1	2.19	0.021	0.18	0.1	0.03	6.6	<0.1	<0.05	7	0.7	<0.2
Reference Materials																		
STD DS8	Standard	15	116	0.63	282	0.115	3	0.93	0.092	0.42	3.1	0.20	2.2	5.9	0.20	5	5.3	5.3

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002504.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.4	112.9	122.3	328	1.8	36.9	7.4	621	2.45	26.6	2.8	110.1	6.8	68	2.3	6.3	7.2	43	0.73	0.079
STD DS8	Standard	15.7	120.9	133.7	349	2.0	41.3	8.2	666	2.65	28.9	3.0	121.3	7.2	72	2.7	6.5	7.0	46	0.74	0.089
STD DS8	Standard	15.1	124.5	134.6	349	2.0	41.5	8.2	676	2.70	29.7	3.0	120.3	7.3	72	2.5	6.5	7.0	44	0.72	0.088
STD DS8	Standard	12.9	105.6	115.3	285	1.7	37.2	7.0	553	2.17	23.7	2.5	101.9	6.3	59	2.2	5.5	6.2	39	0.59	0.069
STD DS8	Standard	13.8	111.0	120.8	297	1.7	38.6	7.6	571	2.30	24.8	2.6	112.1	6.5	60	2.1	5.6	6.4	42	0.61	0.071
STD DS8	Standard	11.9	113.3	129.0	338	2.0	38.7	7.8	665	2.64	28.1	2.8	113.1	6.8	72	2.6	6.6	6.9	43	0.69	0.084
STD DS8	Standard	12.9	111.9	130.5	352	2.0	40.4	7.7	615	2.59	28.7	2.7	124.1	6.9	73	2.9	6.7	7.3	42	0.74	0.092
STD DS8	Standard	13.5	110.3	128.7	327	1.9	41.8	8.6	659	2.65	28.9	2.7	120.1	6.6	62	2.2	5.7	6.6	45	0.70	0.089
STD DS8	Standard	13.2	101.8	126.4	303	1.8	37.9	7.6	597	2.39	26.7	2.7	120.6	6.8	61	2.4	5.8	6.5	42	0.65	0.078
STD DS8	Standard	13.0	115.4	138.1	331	1.8	39.3	7.9	611	2.49	25.5	2.8	122.4	6.9	54	2.4	5.2	5.6	43	0.66	0.082
STD DS8	Standard	12.7	113.4	131.4	318	1.7	38.5	7.5	584	2.41	25.6	2.8	126.5	6.9	55	2.2	4.9	5.4	40	0.66	0.080
STD DS8	Standard	12.8	109.2	122.3	304	1.7	38.6	7.3	584	2.34	25.0	2.9	123.1	6.9	61	2.3	5.5	6.6	41	0.62	0.075
STD DS8	Standard	13.8	113.2	128.7	307	1.8	38.9	7.7	616	2.42	25.1	3.0	116.5	7.5	65	2.1	5.6	6.7	43	0.68	0.075
STD DS8	Standard	13.9	118.2	127.7	327	2.0	40.2	8.3	621	2.55	28.5	2.9	113.3	6.6	68	2.7	5.8	7.0	43	0.69	0.081
STD DS8	Standard	12.8	117.4	124.1	329	1.9	39.6	8.0	632	2.59	28.2	2.8	109.9	6.6	65	2.4	5.6	6.7	44	0.68	0.085
STD DS8	Standard	13.9	109.9	129.7	329	1.8	40.8	7.8	667	2.63	28.1	2.7	120.1	7.0	82	2.4	6.1	6.9	43	0.73	0.082
STD DS8	Standard	13.7	110.9	130.3	329	1.9	38.3	7.4	659	2.60	28.0	2.8	119.1	7.0	80	2.3	6.0	6.9	42	0.75	0.085
STD DS8	Standard	14.1	118.4	124.1	331	1.8	40.2	7.5	618	2.45	25.2	2.8	108.9	6.9	67	2.3	5.6	6.3	46	0.67	0.078
STD DS8	Standard	13.7	123.0	121.2	333	1.8	42.5	8.5	616	2.47	26.7	2.8	114.0	7.0	65	2.5	5.7	6.4	46	0.63	0.076
STD DS8	Standard	13.8	112.2	127.3	327	1.7	38.0	8.6	637	2.52	27.6	2.9	106.0	7.3	70	2.6	6.0	6.9	44	0.73	0.081
STD DS8	Standard	13.9	119.5	133.5	345	1.8	39.4	8.7	670	2.66	28.7	3.1	114.4	7.5	71	2.6	6.0	7.1	47	0.74	0.084
STD DS8	Standard	14.5	125.1	133.7	342	1.8	43.9	8.5	663	2.62	27.7	2.9	117.1	7.3	63	2.3	5.7	6.7	49	0.73	0.088
STD DS8	Standard	15.4	112.2	136.8	352	1.9	39.1	8.7	684	2.75	28.6	3.0	112.9	7.4	64	2.5	5.5	6.6	50	0.74	0.086
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002504.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	16	111	0.62	300	0.119	3	0.93	0.096	0.42	3.4	0.19	2.3	5.8	0.15	5	5.8	4.9
STD DS8	Standard	16	128	0.66	305	0.134	3	0.97	0.091	0.48	3.3	0.23	2.4	5.7	0.23	5	5.6	5.7
STD DS8	Standard	16	126	0.66	311	0.123	3	0.97	0.093	0.46	3.1	0.23	2.1	5.8	0.17	5	6.2	5.5
STD DS8	Standard	14	110	0.54	250	0.110	2	0.82	0.077	0.37	2.8	0.18	2.0	4.9	0.14	4	4.3	4.4
STD DS8	Standard	14	117	0.57	250	0.118	2	0.84	0.077	0.38	2.8	0.19	2.0	5.1	0.14	4	4.3	4.9
STD DS8	Standard	12	123	0.64	280	0.120	3	0.92	0.086	0.45	3.3	0.21	1.9	5.7	0.18	5	6.0	5.9
STD DS8	Standard	14	120	0.69	302	0.117	4	0.97	0.093	0.45	3.2	0.21	1.9	5.9	0.19	5	6.0	5.7
STD DS8	Standard	13	126	0.66	285	0.115	3	0.94	0.086	0.43	3.2	0.20	2.1	5.7	0.20	5	5.5	5.5
STD DS8	Standard	15	112	0.61	277	0.108	3	0.86	0.078	0.42	3.1	0.20	1.9	5.7	0.15	5	5.6	5.4
STD DS8	Standard	10	117	0.62	271	0.103	3	0.90	0.085	0.41	2.9	0.23	1.8	5.5	0.19	5	5.2	5.2
STD DS8	Standard	11	114	0.59	266	0.104	2	0.87	0.082	0.40	3.0	0.19	1.8	4.9	0.17	5	5.4	4.8
STD DS8	Standard	14	115	0.59	263	0.114	2	0.89	0.081	0.39	3.0	0.21	2.1	5.4	0.13	5	6.1	4.3
STD DS8	Standard	15	121	0.61	269	0.125	2	0.95	0.090	0.40	3.0	0.21	2.2	5.6	0.18	5	5.6	5.1
STD DS8	Standard	14	118	0.61	271	0.110	3	0.88	0.083	0.42	3.1	0.24	2.0	5.6	0.15	5	6.0	5.5
STD DS8	Standard	14	118	0.62	271	0.116	3	0.92	0.089	0.42	2.9	0.21	2.0	5.6	0.16	5	5.7	5.4
STD DS8	Standard	15	122	0.66	299	0.127	3	1.02	0.109	0.47	3.1	0.21	2.4	5.7	0.17	5	5.7	5.3
STD DS8	Standard	14	117	0.63	289	0.124	3	0.98	0.117	0.49	3.0	0.22	2.4	5.6	0.14	5	5.7	5.7
STD DS8	Standard	15	123	0.63	279	0.133	2	0.96	0.090	0.42	3.1	0.21	2.6	5.5	0.17	5	5.5	4.4
STD DS8	Standard	15	124	0.62	277	0.127	2	0.93	0.085	0.42	3.2	0.18	2.3	5.5	0.16	5	5.3	5.2
STD DS8	Standard	16	119	0.63	290	0.123	3	0.93	0.089	0.42	3.2	0.20	2.2	5.3	0.16	5	5.8	4.0
STD DS8	Standard	16	125	0.65	297	0.128	3	0.96	0.090	0.44	3.3	0.21	2.3	5.7	0.16	5	5.1	4.8
STD DS8	Standard	15	136	0.58	286	0.133	3	0.99	0.073	0.42	3.2	0.21	2.0	5.6	0.16	5	5.2	5.2
STD DS8	Standard	15	121	0.61	291	0.133	4	1.03	0.075	0.44	3.1	0.20	2.0	5.5	0.19	5	5.9	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002504.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002504.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 13, 2011
Report Date: July 19, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS VAN11002505.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 153

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	153	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	153	Dry at 60C			VAN
1DX2	153	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002505.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030631	Soil	0.6	25.7	6.0	60	<0.1	18.2	13.0	451	2.73	5.6	0.7	2.7	5.0	38	0.1	0.4	<0.1	58	0.76	0.065
1030632	Soil	0.8	20.1	5.7	62	<0.1	17.2	11.6	435	2.49	5.8	0.6	<0.5	3.8	40	0.2	0.4	0.1	50	0.66	0.063
1030633	Soil	1.0	17.3	5.6	62	<0.1	15.7	12.7	461	2.85	5.6	0.8	1.6	4.9	37	0.1	0.3	<0.1	54	0.58	0.055
1030634	Soil	0.8	17.4	5.2	59	<0.1	12.9	13.1	484	2.98	5.4	0.7	1.7	5.6	32	0.1	0.4	<0.1	56	0.48	0.064
1030635	Soil	0.8	21.8	6.3	64	0.1	18.7	13.0	426	2.79	7.7	0.8	1.4	3.5	36	0.1	0.4	0.1	59	0.59	0.048
1030636	Soil	1.0	23.9	5.8	52	0.1	15.1	10.5	351	2.72	6.2	0.8	1.1	3.1	34	<0.1	0.3	<0.1	60	0.59	0.047
1030637	Soil	0.7	18.6	7.1	58	<0.1	16.3	11.5	385	2.81	6.9	0.6	10.5	3.5	33	<0.1	0.4	0.1	59	0.47	0.045
1030794	Soil	0.3	65.4	8.6	64	<0.1	39.8	25.4	461	4.49	3.9	0.4	<0.5	2.5	31	0.6	0.1	<0.1	120	0.43	0.056
1030798	Soil	0.9	28.6	7.0	73	<0.1	21.2	14.9	431	3.39	8.9	0.4	1.3	2.4	21	<0.1	0.4	0.1	80	0.23	0.053
1030799	Soil	0.8	32.6	7.8	63	<0.1	23.5	11.4	353	2.96	9.8	0.9	3.6	3.6	22	<0.1	0.5	0.2	68	0.26	0.045
1009950	Soil	0.6	41.7	5.0	59	<0.1	26.4	13.2	330	2.84	9.1	0.8	5.2	5.6	36	<0.1	0.5	0.1	58	0.35	0.040
1021847	Soil	0.3	16.8	4.9	68	<0.1	15.2	14.3	748	2.57	2.8	0.2	0.6	1.7	34	0.1	0.2	<0.1	45	0.42	0.063
1021848	Soil	0.3	234.1	2.2	34	0.3	26.0	36.1	375	5.79	3.5	0.2	1.9	0.7	28	<0.1	0.2	<0.1	211	0.76	0.192
1021849	Soil	0.2	19.9	6.1	66	<0.1	10.2	10.5	613	3.60	5.8	0.6	<0.5	6.4	18	<0.1	0.9	<0.1	53	0.46	0.110
1021850	Soil	0.6	23.0	4.9	91	<0.1	6.5	11.8	491	4.72	4.3	0.6	<0.5	3.7	21	<0.1	0.7	<0.1	56	0.33	0.087
1023963	Soil	0.8	42.6	7.8	73	<0.1	37.2	17.0	508	3.50	9.3	0.7	3.5	5.7	31	0.1	0.5	0.1	76	0.43	0.047
1023964	Soil	0.6	25.7	11.5	66	<0.1	17.8	14.6	430	3.47	6.7	0.4	2.4	4.0	31	<0.1	0.4	0.1	78	0.39	0.050
1023965	Soil	0.8	38.5	7.7	66	0.1	24.9	13.6	536	3.16	9.0	0.8	4.0	5.7	36	<0.1	0.4	0.1	67	0.48	0.053
1023966	Soil	0.8	34.4	7.8	61	<0.1	24.6	13.3	473	3.17	9.8	0.7	4.6	5.6	36	<0.1	0.4	0.1	68	0.49	0.059
1023967	Soil	0.7	21.2	7.1	53	<0.1	23.9	13.3	480	2.88	6.8	0.6	8.2	4.5	29	<0.1	0.4	0.1	60	0.40	0.045
1023968	Soil	0.9	22.2	7.2	56	<0.1	24.5	11.4	468	2.86	7.2	0.8	2.4	5.3	27	<0.1	0.5	0.2	63	0.42	0.034
1023969	Soil	0.8	14.6	5.9	55	<0.1	18.0	9.8	415	2.64	6.1	0.5	0.9	5.7	30	<0.1	0.5	0.1	47	0.41	0.056
1023970	Soil	0.8	30.2	6.3	67	<0.1	21.3	16.8	735	3.78	5.6	1.1	2.9	8.1	22	<0.1	0.6	0.1	68	0.46	0.079
1023972	Soil	0.8	22.6	6.3	54	<0.1	22.8	13.3	365	3.12	8.6	0.5	<0.5	5.9	28	<0.1	0.5	0.1	67	0.37	0.028
1023973	Soil	0.9	14.4	6.6	58	<0.1	17.4	11.5	419	3.14	6.2	0.4	<0.5	2.9	25	<0.1	0.5	0.2	69	0.35	0.027
1023974	Soil	0.7	20.6	5.6	68	<0.1	18.7	16.7	616	3.64	4.9	0.5	1.5	4.8	28	0.1	0.3	0.1	67	0.47	0.055
1023975	Soil	0.8	28.6	5.8	56	<0.1	20.0	17.1	741	3.20	4.8	0.7	1.7	4.9	33	<0.1	0.3	0.1	61	0.54	0.055
1023976	Soil	1.0	40.7	10.5	75	<0.1	33.3	15.4	394	3.37	6.7	0.4	<0.5	2.4	53	<0.1	0.3	0.1	81	0.50	0.052
1023977	Soil	0.7	30.6	7.0	88	<0.1	18.1	12.1	451	3.66	8.1	0.3	<0.5	2.3	15	<0.1	0.4	0.1	88	0.17	0.033
1023971	Soil	0.8	15.2	6.1	40	<0.1	15.2	8.4	278	2.35	5.5	0.4	<0.5	3.3	23	<0.1	0.4	0.1	53	0.34	0.043

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002505.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030631	Soil		15	28	0.96	268	0.104	<1	1.62	0.021	0.16	0.2	0.04	3.6	<0.1	<0.05	5	0.8	<0.2
1030632	Soil		12	27	0.77	240	0.081	<1	1.50	0.021	0.07	0.2	0.04	2.8	<0.1	<0.05	5	0.5	<0.2
1030633	Soil		15	25	0.86	267	0.101	<1	1.73	0.022	0.06	0.2	0.03	2.8	<0.1	<0.05	5	0.7	<0.2
1030634	Soil		14	23	0.82	243	0.086	<1	1.68	0.013	0.06	0.1	0.01	2.7	<0.1	<0.05	5	0.6	<0.2
1030635	Soil		12	26	0.80	340	0.104	<1	1.70	0.016	0.07	0.2	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1030636	Soil		13	23	0.76	452	0.089	<1	1.51	0.017	0.10	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1030637	Soil		12	26	0.71	446	0.074	<1	1.63	0.015	0.07	0.2	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1030794	Soil		10	69	2.51	301	0.257	<1	3.83	0.039	0.38	<0.1	0.01	4.6	0.1	<0.05	9	<0.5	<0.2
1030798	Soil		7	37	0.89	183	0.110	<1	2.23	0.013	0.08	0.1	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1030799	Soil		14	40	0.79	284	0.079	1	2.15	0.013	0.06	0.1	0.05	4.5	<0.1	<0.05	6	<0.5	<0.2
1009950	Soil		21	30	0.93	229	0.089	<1	1.90	0.020	0.05	0.1	0.01	5.2	<0.1	<0.05	5	<0.5	<0.2
1021847	Soil		4	20	1.03	257	0.068	<1	1.77	0.009	0.09	<0.1	0.02	1.9	<0.1	<0.05	5	0.6	<0.2
1021848	Soil		3	23	0.59	71	0.061	<1	0.66	0.037	0.03	<0.1	0.02	10.8	<0.1	<0.05	4	<0.5	<0.2
1021849	Soil		12	12	0.66	187	0.007	<1	1.73	0.013	0.09	<0.1	0.02	5.5	<0.1	<0.05	7	<0.5	<0.2
1021850	Soil		11	11	0.89	356	0.028	<1	2.43	0.008	0.19	<0.1	0.01	4.7	0.1	<0.05	9	<0.5	<0.2
1023963	Soil		26	55	1.11	337	0.139	<1	2.10	0.016	0.20	0.2	0.05	5.8	0.1	<0.05	6	<0.5	<0.2
1023964	Soil		10	31	1.14	255	0.183	<1	2.04	0.014	0.35	0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1023965	Soil		22	31	0.84	357	0.119	<1	1.79	0.020	0.20	0.2	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1023966	Soil		19	30	0.86	339	0.115	<1	1.74	0.022	0.20	0.1	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
1023967	Soil		11	31	0.95	233	0.093	<1	1.70	0.015	0.08	0.2	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1023968	Soil		16	35	0.73	287	0.087	<1	1.74	0.013	0.07	0.2	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
1023969	Soil		19	26	0.54	225	0.086	1	1.48	0.013	0.07	0.2	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1023970	Soil		17	21	0.54	250	0.040	<1	1.30	0.012	0.09	0.1	0.02	6.6	<0.1	<0.05	4	<0.5	<0.2
1023972	Soil		14	30	0.88	203	0.111	1	1.90	0.009	0.19	<0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1023973	Soil		8	26	0.80	275	0.094	2	1.81	0.009	0.19	0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1023974	Soil		13	27	1.14	317	0.118	<1	2.03	0.010	0.17	<0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1023975	Soil		17	25	0.93	442	0.120	1	1.97	0.011	0.16	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1023976	Soil		5	48	1.11	234	0.123	<1	3.34	0.010	0.11	0.1	0.02	3.1	<0.1	<0.05	10	<0.5	<0.2
1023977	Soil		7	31	0.87	269	0.169	<1	2.09	0.011	0.31	0.1	<0.01	3.7	0.1	<0.05	9	<0.5	<0.2
1023971	Soil		11	22	0.47	268	0.059	<1	1.35	0.011	0.08	0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002505.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029560	Soil		1.2	27.0	9.9	63	0.1	24.9	12.7	323	3.77	10.4	0.4	<0.5	2.5	17	<0.1	0.5	0.2	92	0.19	0.035
1029562	Soil		1.1	18.5	9.8	46	0.1	18.4	9.1	237	2.99	10.3	0.6	2.2	3.3	19	<0.1	0.5	0.2	71	0.19	0.026
1029563	Soil		0.6	22.5	7.6	47	<0.1	24.0	11.5	224	2.68	9.4	0.5	1.3	3.6	20	0.1	0.6	0.2	63	0.19	0.016
1029564	Soil		1.7	54.4	4.3	84	<0.1	13.7	20.4	514	4.13	3.4	0.5	<0.5	3.4	50	<0.1	0.2	<0.1	94	0.73	0.100
1027545	Soil		0.8	29.1	13.0	61	<0.1	2.9	6.1	473	2.00	2.3	2.1	<0.5	24.9	21	<0.1	0.2	1.2	17	0.29	0.040
1026758	Soil		0.8	19.0	10.8	56	<0.1	15.8	7.4	348	2.64	6.4	1.9	1.1	13.9	21	<0.1	0.4	0.5	55	0.19	0.017
1026759	Soil		0.3	7.3	7.3	86	<0.1	3.2	7.9	660	2.64	0.8	3.3	<0.5	21.6	17	<0.1	<0.1	0.1	25	0.29	0.094
1026760	Soil		0.4	7.2	6.7	84	<0.1	3.2	7.9	641	2.62	0.7	3.1	<0.5	21.1	16	<0.1	<0.1	0.1	24	0.28	0.097
1026761	Soil		0.7	24.6	12.5	56	0.1	3.2	6.2	458	1.87	2.2	2.1	<0.5	24.6	22	<0.1	0.2	1.1	17	0.29	0.040
1026762	Soil		0.3	35.2	11.8	50	<0.1	3.7	2.9	224	1.79	3.7	2.3	<0.5	30.2	11	<0.1	0.4	2.7	16	0.10	0.007
1026763	Soil		0.6	16.2	9.8	45	<0.1	8.5	5.0	204	1.78	4.0	1.8	1.0	23.8	10	<0.1	0.4	0.7	27	0.09	0.014
1026783	Soil		0.7	14.8	8.4	67	<0.1	12.5	8.3	467	2.69	5.8	1.7	4.4	14.0	21	<0.1	0.3	0.3	53	0.26	0.041
1026784	Soil		0.5	16.3	8.2	61	0.2	11.0	6.8	440	2.06	2.4	2.9	0.6	6.1	31	0.1	0.2	0.3	42	0.50	0.038
1026785	Soil		0.3	11.9	12.1	64	0.1	11.7	8.6	577	2.22	3.1	3.5	3.3	15.7	25	0.2	0.3	0.3	39	0.44	0.049
1021854	Soil		0.6	27.5	7.6	67	<0.1	15.6	12.1	435	3.03	4.7	0.3	<0.5	2.1	30	0.1	0.3	0.1	68	0.50	0.053
1021858	Soil		0.5	21.0	8.8	71	<0.1	7.4	8.2	243	3.08	4.1	0.5	1.0	3.2	28	<0.1	0.4	0.1	70	0.57	0.049
1021859	Soil		0.7	29.3	7.6	72	<0.1	16.2	9.7	385	2.94	6.0	0.8	3.6	5.3	22	<0.1	0.3	0.2	61	0.32	0.029
1021860	Soil		0.8	31.7	7.9	68	<0.1	18.8	11.1	354	3.20	6.7	1.0	5.6	5.2	24	<0.1	0.5	0.2	76	0.48	0.027
1021861	Soil		0.8	33.4	8.6	73	<0.1	19.8	11.4	367	3.30	7.3	1.2	2.8	5.7	27	0.1	0.6	0.2	78	0.36	0.026
1021862	Soil		0.9	27.2	10.0	66	0.2	17.0	12.7	431	3.29	6.7	0.9	0.7	4.3	24	<0.1	0.6	0.2	79	0.36	0.035
1021863	Soil		1.0	20.2	5.6	106	<0.1	14.8	12.4	504	3.31	4.2	0.7	1.5	5.7	21	0.2	0.6	0.2	68	0.41	0.062
1021864	Soil		0.8	38.7	6.4	72	<0.1	18.6	12.2	419	3.01	5.2	0.8	0.8	5.2	31	0.1	0.3	0.1	65	0.47	0.054
1021865	Soil		1.3	21.6	8.6	86	0.1	16.3	18.3	833	4.77	3.1	0.9	<0.5	3.8	29	0.5	0.7	0.1	89	0.69	0.070
1021866	Soil		0.6	23.5	8.5	74	<0.1	17.2	13.7	497	3.19	5.2	1.0	1.8	6.1	38	<0.1	0.3	0.1	71	0.53	0.052
1021867	Soil		0.6	19.5	7.5	66	<0.1	16.9	11.1	487	2.87	5.7	0.9	1.1	5.1	38	<0.1	0.5	0.1	60	0.51	0.054
1021868	Soil		0.5	12.8	13.3	62	<0.1	11.9	9.0	333	2.48	4.9	0.8	3.6	6.1	37	0.1	0.3	0.1	51	0.30	0.040
1021869	Soil		0.7	16.6	7.6	64	<0.1	12.5	10.0	531	2.85	5.3	1.0	<0.5	8.5	36	0.2	0.3	0.1	53	0.49	0.059
1021870	Soil		0.6	12.4	7.5	77	<0.1	10.2	8.9	536	2.66	4.1	0.8	0.9	11.2	39	<0.1	0.2	0.1	43	0.48	0.055
1021872	Soil		0.7	16.9	7.8	58	<0.1	15.4	8.8	347	2.42	5.2	1.3	1.3	8.9	32	<0.1	0.3	0.1	48	0.38	0.042
1021873	Soil		0.5	15.1	8.3	61	<0.1	13.9	8.8	376	2.54	6.0	1.5	<0.5	9.9	29	0.1	0.2	0.1	50	0.38	0.047

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Project: PED
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CERTIFICATE OF ANALYSIS VAN11002505.2

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029560	Soil	7	43	0.85	177	0.106	<1	2.35	0.013	0.07	0.2	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1029562	Soil	10	32	0.40	265	0.061	2	1.98	0.008	0.04	0.1	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
1029563	Soil	8	36	0.53	240	0.065	2	2.03	0.009	0.05	0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1029564	Soil	8	19	1.41	325	0.200	<1	2.37	0.029	0.30	<0.1	0.02	3.4	<0.1	<0.05	8	<0.5	<0.2
1027545	Soil	46	5	0.42	98	0.029	<1	1.73	0.006	0.30	0.5	<0.01	1.6	0.3	<0.05	4	<0.5	<0.2
1026758	Soil	22	32	0.45	182	0.067	<1	2.04	0.010	0.08	0.1	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1026759	Soil	57	6	0.49	113	0.113	<1	1.78	0.007	0.61	0.1	<0.01	1.0	0.3	<0.05	5	<0.5	<0.2
1026760	Soil	56	6	0.49	109	0.110	<1	1.70	0.008	0.60	0.1	<0.01	0.8	0.3	<0.05	5	<0.5	<0.2
1026761	Soil	46	4	0.40	95	0.025	<1	1.63	0.009	0.26	0.4	0.02	1.4	0.3	<0.05	4	<0.5	<0.2
1026762	Soil	40	8	0.23	80	0.020	<1	1.61	0.006	0.23	0.8	0.01	2.1	0.4	<0.05	4	<0.5	<0.2
1026763	Soil	27	16	0.22	91	0.020	<1	1.56	0.006	0.07	0.2	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1026783	Soil	23	24	0.55	162	0.099	1	1.83	0.010	0.16	0.2	<0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1026784	Soil	34	19	0.44	239	0.070	<1	1.44	0.014	0.16	0.2	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1026785	Soil	36	21	0.46	153	0.053	<1	1.41	0.009	0.15	0.1	0.01	3.2	0.1	<0.05	5	<0.5	<0.2
1021854	Soil	5	30	0.72	171	0.075	<1	2.14	0.019	0.11	<0.1	0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1021858	Soil	20	13	0.75	242	0.012	<1	2.02	0.008	0.05	0.2	0.01	7.5	<0.1	<0.05	7	<0.5	<0.2
1021859	Soil	20	29	0.50	306	0.066	<1	1.82	0.015	0.08	0.1	0.03	5.2	<0.1	<0.05	6	<0.5	<0.2
1021860	Soil	21	34	0.56	331	0.086	<1	2.03	0.015	0.06	0.1	0.03	7.1	<0.1	<0.05	6	<0.5	<0.2
1021861	Soil	20	34	0.62	318	0.103	<1	2.07	0.013	0.09	0.1	0.03	7.6	<0.1	<0.05	6	<0.5	<0.2
1021862	Soil	18	30	0.52	347	0.071	<1	2.06	0.013	0.06	<0.1	0.04	5.7	<0.1	<0.05	6	<0.5	<0.2
1021863	Soil	13	25	0.55	181	0.077	<1	1.49	0.013	0.17	0.1	<0.01	5.3	<0.1	<0.05	5	<0.5	<0.2
1021864	Soil	15	29	0.74	241	0.083	<1	1.85	0.015	0.12	0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1021865	Soil	14	19	0.57	315	0.022	<1	1.83	0.012	0.09	<0.1	0.04	11.8	<0.1	<0.05	6	<0.5	<0.2
1021866	Soil	18	30	0.85	232	0.118	<1	2.09	0.014	0.18	0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1021867	Soil	17	29	0.80	240	0.099	<1	1.95	0.017	0.14	0.1	0.04	3.4	<0.1	0.08	5	<0.5	<0.2
1021868	Soil	16	22	0.55	200	0.067	<1	1.80	0.012	0.05	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1021869	Soil	19	24	0.67	223	0.076	2	1.75	0.015	0.08	0.2	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1021870	Soil	18	20	0.58	226	0.072	<1	1.62	0.012	0.17	<0.1	0.01	2.1	0.1	<0.05	5	<0.5	<0.2
1021872	Soil	23	26	0.54	218	0.067	<1	1.62	0.027	0.06	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1021873	Soil	23	27	0.54	219	0.075	1	1.69	0.015	0.07	0.1	0.03	3.3	<0.1	<0.05	5	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021874	Soil		0.6	8.2	8.8	37	<0.1	20.6	6.5	308	1.75	2.8	4.8	<0.5	12.7	45	<0.1	0.2	0.1	21	1.30	0.043
1021875	Soil		0.7	18.5	7.5	55	0.3	13.5	7.2	588	2.22	3.2	18.7	1.8	9.3	70	0.2	0.4	0.3	34	1.34	0.060
1021876	Soil		0.3	9.9	7.0	45	<0.1	10.2	6.9	374	1.94	3.3	3.9	5.9	13.8	39	0.2	0.2	0.1	35	0.44	0.027
1021877	Soil		0.4	26.8	4.4	104	<0.1	8.7	15.5	512	5.71	1.8	0.8	<0.5	2.2	20	<0.1	0.6	<0.1	120	0.48	0.086
1021878	Soil		0.5	11.2	12.7	80	<0.1	9.6	10.6	528	2.67	5.2	1.6	3.2	17.2	18	<0.1	0.2	0.2	39	0.23	0.039
1029858	Soil		0.8	46.2	5.8	54	<0.1	18.0	11.4	303	2.70	5.8	0.7	0.8	2.7	27	0.1	0.3	<0.1	65	0.40	0.046
1029859	Soil		1.1	55.1	5.1	62	<0.1	22.0	13.7	355	3.13	6.0	0.5	1.8	2.3	27	<0.1	0.2	<0.1	80	0.39	0.048
1029860	Soil		1.2	65.1	5.0	63	<0.1	25.0	15.5	369	3.23	6.3	0.5	2.5	2.8	29	<0.1	0.3	<0.1	85	0.39	0.050
1029861	Soil		0.8	52.3	6.0	60	0.1	20.9	15.1	501	3.30	7.1	0.3	<0.5	1.8	25	<0.1	0.2	0.1	86	0.34	0.037
1029862	Soil		1.2	44.9	6.1	76	<0.1	19.6	13.9	496	4.13	16.8	0.5	<0.5	2.6	28	0.1	0.3	0.1	99	0.36	0.040
1029863	Soil		7.1	75.0	10.5	120	0.2	40.0	11.9	736	3.78	51.6	0.9	<0.5	3.0	20	0.1	1.3	0.2	76	0.22	0.044
1029864	Soil		0.7	72.1	3.6	108	<0.1	20.0	26.2	654	6.12	4.3	0.4	0.8	1.9	35	0.1	0.2	<0.1	150	0.51	0.071
1029865	Soil		0.7	72.8	5.2	76	0.2	23.5	17.8	616	3.45	4.9	0.7	1.3	2.4	23	<0.1	0.3	<0.1	83	0.44	0.053
1029866	Soil		1.0	40.0	6.4	71	0.1	21.3	13.8	348	3.11	7.9	0.5	4.4	2.4	22	0.1	0.3	0.1	76	0.27	0.043
1029867	Soil		0.7	76.9	3.6	98	<0.1	34.4	16.1	375	3.92	4.1	1.0	1.7	2.6	31	<0.1	0.3	<0.1	87	0.39	0.057
1029868	Soil		2.6	32.8	3.2	29	<0.1	8.2	3.2	154	4.71	2.2	0.7	1.8	3.8	87	<0.1	0.1	0.3	43	0.18	0.111
1029869	Soil		2.6	56.4	2.8	65	0.1	12.5	4.4	334	6.70	1.0	1.5	3.8	4.1	157	<0.1	0.1	0.2	97	0.30	0.190
1029870	Soil		0.6	87.1	3.9	70	<0.1	28.6	21.6	495	4.18	5.7	0.4	2.5	2.6	18	<0.1	0.3	<0.1	118	0.32	0.048
1029871	Soil		0.4	95.2	2.9	70	<0.1	18.6	20.5	498	4.05	4.5	0.2	<0.5	1.0	15	<0.1	0.2	<0.1	123	0.48	0.118
1029872	Soil		0.5	119.2	1.8	114	<0.1	24.7	34.6	1374	8.15	2.5	0.3	0.9	1.1	29	<0.1	<0.1	<0.1	238	0.71	0.163
1029873	Soil		0.8	47.6	6.8	55	<0.1	25.8	14.6	386	3.17	9.7	1.0	4.4	4.2	27	<0.1	0.6	0.1	80	0.30	0.040
1029874	Soil		0.7	100.7	3.9	76	<0.1	36.3	26.8	613	5.20	3.9	0.5	0.5	2.2	14	<0.1	0.2	<0.1	157	0.30	0.056
1029875	Soil		0.5	69.4	3.6	71	<0.1	43.1	27.2	707	4.74	5.1	0.6	2.1	1.9	27	<0.1	0.2	<0.1	141	0.49	0.084
1029876	Soil		1.0	79.4	8.3	97	<0.1	19.3	12.4	466	4.51	12.5	0.7	<0.5	3.1	26	0.2	0.4	0.2	88	0.19	0.050
1029877	Soil		1.6	41.0	10.5	66	<0.1	22.6	13.1	410	3.26	10.8	1.2	6.9	3.9	20	0.2	0.6	0.2	75	0.18	0.033
1029878	Soil		1.7	75.5	8.3	77	<0.1	23.5	17.9	516	3.60	14.1	1.0	11.4	3.4	21	<0.1	0.6	0.1	68	0.19	0.034
1029879	Soil		1.5	34.9	9.3	66	<0.1	20.6	11.2	389	2.94	11.7	1.0	4.8	4.3	17	0.2	0.5	0.2	67	0.17	0.035
1029880	Soil		1.6	73.5	7.6	89	<0.1	24.9	19.5	455	3.80	20.9	0.5	1.7	2.8	28	0.3	0.4	0.1	86	0.25	0.036
1029881	Soil		1.0	32.7	8.5	66	<0.1	21.1	11.0	359	3.09	10.0	0.7	2.1	3.1	21	0.1	0.5	0.2	69	0.23	0.044
1029882	Soil		1.4	31.6	8.3	75	0.1	21.1	10.4	335	3.06	8.6	0.5	6.7	2.9	22	0.2	0.4	0.1	71	0.28	0.041

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002505.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021874	Soil	35	27	0.45	156	0.006	<1	1.06	0.011	0.07	<0.1	0.04	2.6	<0.1	0.06	3	<0.5	<0.2
1021875	Soil	66	20	0.49	229	0.032	<1	1.60	0.015	0.14	0.1	0.08	3.8	0.1	0.09	4	<0.5	<0.2
1021876	Soil	18	19	0.42	112	0.049	<1	1.26	0.012	0.10	0.2	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1021877	Soil	14	15	1.13	168	0.057	<1	2.55	0.026	0.03	0.2	0.01	15.5	<0.1	<0.05	11	<0.5	<0.2
1021878	Soil	24	18	0.53	126	0.063	2	1.87	0.010	0.17	0.1	0.01	2.3	0.1	<0.05	6	<0.5	<0.2
1029858	Soil	11	29	0.83	237	0.109	1	1.55	0.021	0.11	0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1029859	Soil	9	39	1.11	273	0.135	<1	1.95	0.018	0.22	<0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1029860	Soil	10	41	1.15	306	0.139	<1	2.02	0.020	0.23	<0.1	<0.01	4.6	0.1	<0.05	6	<0.5	<0.2
1029861	Soil	7	47	0.99	237	0.124	2	2.14	0.026	0.12	<0.1	0.01	4.3	<0.1	<0.05	7	<0.5	<0.2
1029862	Soil	6	36	1.12	336	0.149	<1	2.56	0.018	0.32	0.1	0.01	5.8	0.1	<0.05	8	<0.5	<0.2
1029863	Soil	9	34	0.95	264	0.044	<1	2.17	0.012	0.11	<0.1	0.01	4.4	0.2	<0.05	8	0.9	<0.2
1029864	Soil	12	29	3.16	373	0.250	<1	4.22	0.017	1.35	<0.1	0.02	5.6	0.2	<0.05	10	<0.5	<0.2
1029865	Soil	10	33	1.15	237	0.155	2	2.04	0.015	0.26	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1029866	Soil	8	36	0.95	196	0.092	1	1.96	0.015	0.08	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1029867	Soil	9	74	1.43	203	0.132	1	2.72	0.027	0.07	<0.1	0.01	5.0	<0.1	<0.05	6	0.6	<0.2
1029868	Soil	13	16	0.67	200	0.049	2	1.15	0.105	0.23	<0.1	0.02	3.0	<0.1	0.58	5	6.0	0.6
1029869	Soil	15	33	1.98	274	0.111	<1	2.72	0.068	0.93	<0.1	0.02	10.8	0.2	0.90	10	10.3	0.5
1029870	Soil	9	34	1.47	163	0.225	3	2.99	0.024	0.11	<0.1	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1029871	Soil	3	24	1.40	200	0.223	<1	2.70	0.026	0.38	<0.1	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1029872	Soil	4	40	3.28	889	0.548	3	5.55	0.024	1.51	<0.1	0.01	4.6	0.3	<0.05	14	<0.5	<0.2
1029873	Soil	14	41	0.90	298	0.121	2	2.16	0.015	0.07	0.2	0.03	6.3	0.1	<0.05	6	<0.5	<0.2
1029874	Soil	11	58	2.17	368	0.333	<1	3.64	0.019	0.46	<0.1	<0.01	4.9	0.2	<0.05	11	<0.5	<0.2
1029875	Soil	7	66	2.17	373	0.285	<1	3.50	0.017	0.49	<0.1	<0.01	4.9	0.3	<0.05	9	<0.5	<0.2
1029876	Soil	10	35	1.14	336	0.141	<1	2.87	0.019	0.22	<0.1	0.02	5.7	0.1	0.12	9	<0.5	0.3
1029877	Soil	14	37	0.68	228	0.079	1	2.28	0.020	0.06	0.2	0.04	4.8	0.1	<0.05	7	0.8	<0.2
1029878	Soil	14	35	0.84	232	0.072	<1	2.09	0.011	0.07	<0.1	0.03	7.2	0.1	<0.05	6	<0.5	<0.2
1029879	Soil	11	37	0.59	220	0.067	3	2.09	0.011	0.05	0.2	0.04	4.1	<0.1	<0.05	6	<0.5	<0.2
1029880	Soil	7	39	1.08	177	0.124	<1	2.87	0.015	0.08	0.1	0.02	4.1	<0.1	<0.05	7	<0.5	<0.2
1029881	Soil	10	35	0.63	184	0.076	1	2.10	0.013	0.06	0.2	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1029882	Soil	9	35	0.74	221	0.087	<1	2.07	0.016	0.07	0.2	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002505.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029883	Soil		0.6	39.8	6.3	112	<0.1	21.6	12.0	401	2.82	6.6	0.8	1.7	3.2	27	0.2	0.4	0.1	64	0.33	0.053
1029884	Soil		1.0	19.9	11.7	35	<0.1	11.1	5.0	188	2.37	6.3	0.7	1.7	0.9	17	0.2	0.3	0.2	63	0.16	0.044
1029885	Soil		0.9	25.9	9.8	48	<0.1	32.3	11.0	361	2.62	6.5	0.7	5.3	1.7	21	0.1	0.4	0.1	66	0.28	0.053
1029886	Soil		1.0	25.8	9.6	68	<0.1	22.5	15.6	486	3.48	7.4	0.4	19.2	1.9	20	0.1	0.4	0.2	86	0.29	0.046
1009929	Soil		0.7	49.0	6.2	111	<0.1	17.1	20.6	694	5.19	3.2	0.4	0.7	3.4	93	<0.1	0.2	<0.1	102	1.59	0.101
1009930	Soil		0.9	47.6	6.1	104	<0.1	18.6	20.9	676	5.06	4.1	0.5	<0.5	3.7	83	<0.1	0.3	<0.1	104	1.42	0.092
1009931	Soil		0.8	17.9	5.8	53	0.1	14.6	10.7	361	2.65	6.0	0.6	5.5	3.3	31	0.2	0.4	0.1	63	0.43	0.053
1009932	Soil		0.7	24.0	4.2	71	<0.1	15.3	18.1	648	3.93	5.2	0.3	3.3	2.8	59	<0.1	0.2	<0.1	93	0.66	0.079
1009933	Soil		1.1	19.8	5.6	58	<0.1	14.8	12.7	412	2.99	5.0	0.5	0.7	3.2	34	<0.1	0.2	<0.1	71	0.56	0.045
1009941	Soil		0.6	59.9	8.1	72	<0.1	32.8	17.6	468	3.74	8.9	0.8	3.7	7.4	36	0.1	0.5	<0.1	80	0.53	0.037
1009942	Soil		0.8	55.6	8.1	72	<0.1	29.8	16.3	450	3.68	9.4	0.8	3.7	7.1	35	<0.1	0.5	0.2	72	0.48	0.038
1009943	Soil		0.4	118.2	1.4	31	<0.1	22.4	19.1	265	2.61	4.1	0.4	1.1	1.3	53	<0.1	0.1	<0.1	60	0.61	0.023
1009944	Soil		0.5	120.3	1.5	33	<0.1	23.0	19.9	272	2.73	4.5	0.4	1.3	1.4	55	<0.1	0.1	<0.1	66	0.55	0.024
1009945	Soil		0.6	22.4	5.0	55	0.1	15.6	9.0	419	2.27	6.0	1.2	2.8	2.4	41	0.2	0.4	<0.1	45	0.79	0.058
1009946	Soil		0.6	34.6	6.1	47	<0.1	25.9	9.8	380	2.52	9.2	0.7	20.1	4.0	36	<0.1	0.6	0.1	54	0.49	0.071
1009947	Soil		1.1	34.0	6.1	64	<0.1	18.4	13.7	327	3.58	7.6	0.5	5.3	3.4	25	0.1	0.5	0.1	77	0.36	0.074
1009948	Soil		0.8	22.5	5.9	52	<0.1	16.2	9.0	361	2.57	7.7	0.9	3.6	4.1	37	<0.1	0.4	0.1	59	0.44	0.068
1009949	Soil		0.7	21.5	5.2	100	<0.1	11.0	21.7	764	4.47	3.6	0.5	<0.5	5.1	114	<0.1	0.2	<0.1	88	1.07	0.092
1029558	Soil		0.9	56.0	6.2	71	0.2	16.5	13.1	466	3.21	5.9	1.1	2.6	2.9	62	0.1	0.4	0.2	73	0.78	0.055
1029559	Soil		0.7	31.7	5.4	58	<0.1	17.2	11.0	333	2.84	6.1	0.7	2.7	2.9	36	<0.1	0.3	0.1	65	0.48	0.044
1029834	Soil		0.6	36.1	3.4	82	<0.1	10.2	14.3	511	4.62	4.0	0.7	1.4	3.0	18	<0.1	0.2	<0.1	47	0.22	0.054
1029565	Soil		1.6	47.4	5.1	91	<0.1	12.7	19.4	546	4.68	4.2	0.5	<0.5	3.6	64	<0.1	0.3	<0.1	103	0.86	0.126
1029586	Soil		0.6	33.0	7.2	72	<0.1	13.7	12.0	372	3.20	5.0	0.4	1.3	1.8	39	<0.1	0.2	0.1	80	0.48	0.030
1029587	Soil		0.7	28.1	9.1	67	<0.1	18.8	12.4	397	3.49	6.4	0.3	1.6	1.7	36	<0.1	0.3	0.1	77	0.38	0.036
1029588	Soil		0.7	29.6	6.7	56	0.1	20.4	11.9	483	3.08	7.4	0.5	3.8	2.4	44	<0.1	0.5	0.2	67	0.58	0.032
1029589	Soil		0.6	33.5	4.3	61	0.1	26.3	16.0	317	3.17	6.8	0.3	<0.5	2.1	70	<0.1	0.3	0.1	68	0.65	0.042
1029590	Soil		0.7	32.6	4.8	59	<0.1	29.4	14.4	322	3.20	7.7	0.3	2.6	2.0	61	<0.1	0.4	<0.1	68	0.57	0.037
1029591	Soil		0.4	43.8	7.0	65	<0.1	22.6	11.5	329	2.77	6.5	0.8	3.2	4.0	56	<0.1	0.5	0.1	62	0.88	0.063
1029592	Soil		0.7	27.7	5.0	62	0.1	16.1	7.9	524	2.87	4.9	0.7	2.2	2.8	46	0.2	0.6	<0.1	43	1.04	0.066
1029593	Soil		0.9	19.0	6.3	60	<0.1	18.2	9.6	296	3.44	6.9	0.4	16.6	2.6	31	<0.1	0.5	0.1	60	0.31	0.033

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029883	Soil		11	34	0.84	223	0.094	<1	1.86	0.013	0.07	0.2	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1029884	Soil		11	26	0.37	157	0.053	<1	1.77	0.010	0.07	<0.1	0.03	2.6	<0.1	<0.05	7	<0.5	<0.2
1029885	Soil		12	50	0.81	155	0.069	<1	1.78	0.012	0.06	0.2	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1029886	Soil		8	40	1.07	183	0.141	2	2.41	0.012	0.13	0.1	0.01	3.2	<0.1	<0.05	8	<0.5	<0.2
1009929	Soil		10	26	1.61	439	0.284	1	4.29	0.027	0.40	0.1	<0.01	3.7	0.1	<0.05	12	<0.5	<0.2
1009930	Soil		11	31	1.57	447	0.294	2	4.05	0.025	0.40	0.1	<0.01	4.1	0.2	<0.05	11	<0.5	<0.2
1009931	Soil		12	25	0.68	225	0.106	<1	1.59	0.018	0.10	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1009932	Soil		7	25	1.33	231	0.220	1	2.45	0.014	0.47	0.1	<0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1009933	Soil		11	28	0.96	208	0.144	1	1.79	0.015	0.14	0.2	0.02	3.0	<0.1	0.05	6	<0.5	<0.2
1009941	Soil		22	45	1.13	319	0.180	<1	2.58	0.031	0.21	<0.1	0.02	6.2	0.1	<0.05	8	<0.5	<0.2
1009942	Soil		22	41	1.07	320	0.156	2	2.42	0.030	0.19	0.1	0.03	4.8	0.1	<0.05	7	<0.5	<0.2
1009943	Soil		5	35	0.94	83	0.111	<1	1.83	0.054	0.06	<0.1	<0.01	3.3	<0.1	<0.05	3	<0.5	<0.2
1009944	Soil		5	37	0.92	87	0.113	<1	1.92	0.051	0.06	<0.1	<0.01	3.5	<0.1	<0.05	4	0.9	<0.2
1009945	Soil		11	23	0.57	203	0.063	1	1.38	0.016	0.06	0.2	0.03	2.7	<0.1	0.06	4	<0.5	<0.2
1009946	Soil		15	27	0.59	265	0.073	2	1.10	0.025	0.07	0.1	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
1009947	Soil		8	34	0.70	160	0.118	2	2.21	0.018	0.07	0.1	0.02	2.7	<0.1	<0.05	6	0.5	<0.2
1009948	Soil		14	25	0.57	295	0.081	<1	1.42	0.016	0.07	0.2	0.02	3.2	<0.1	<0.05	4	0.7	<0.2
1009949	Soil		9	18	1.48	171	0.209	1	2.91	0.015	0.14	0.1	<0.01	2.7	<0.1	<0.05	9	<0.5	<0.2
1029558	Soil		19	25	0.86	399	0.095	1	2.21	0.020	0.12	0.1	0.05	4.9	<0.1	<0.05	6	0.8	<0.2
1029559	Soil		11	29	0.83	249	0.116	<1	1.91	0.019	0.08	0.1	0.02	3.2	<0.1	<0.05	6	0.7	<0.2
1029834	Soil		14	18	2.20	365	0.126	1	3.36	0.023	0.39	<0.1	<0.01	8.9	0.1	<0.05	11	0.7	<0.2
1029565	Soil		8	19	1.55	349	0.224	1	2.78	0.049	0.26	<0.1	<0.01	3.3	0.1	<0.05	8	0.6	<0.2
1029586	Soil		7	25	0.99	217	0.162	1	2.08	0.017	0.17	0.1	<0.01	2.6	<0.1	<0.05	6	0.8	<0.2
1029587	Soil		6	27	0.96	174	0.148	<1	2.47	0.017	0.16	0.1	0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1029588	Soil		9	29	0.83	239	0.120	1	2.21	0.027	0.08	0.2	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1029589	Soil		5	31	1.12	121	0.117	1	3.20	0.021	0.07	0.2	<0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1029590	Soil		5	37	1.12	133	0.115	1	2.90	0.019	0.06	0.1	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1029591	Soil		12	32	0.80	262	0.113	1	2.32	0.029	0.06	0.2	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1029592	Soil		15	21	0.55	391	0.055	1	1.72	0.019	0.09	0.1	0.03	5.1	<0.1	<0.05	6	0.8	<0.2
1029593	Soil		8	28	0.61	224	0.088	1	2.66	0.016	0.08	0.1	<0.01	3.4	<0.1	<0.05	8	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002505.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029594	Soil	0.8	23.5	6.6	65	<0.1	18.6	9.8	332	3.36	8.2	0.5	1.5	4.1	27	0.1	0.5	0.2	57	0.33	0.033
1029595	Soil	0.7	23.7	6.4	63	<0.1	13.5	9.7	329	3.24	6.3	0.7	2.1	2.9	33	<0.1	0.4	0.1	61	0.69	0.043
1029596	Soil	0.9	17.7	5.4	67	<0.1	13.5	10.1	412	3.54	5.0	0.4	0.9	2.2	33	<0.1	0.4	0.1	59	0.39	0.049
1029597	Soil	0.8	36.6	6.5	62	<0.1	23.6	15.0	525	3.34	7.8	0.5	1.5	3.1	45	<0.1	0.4	0.1	76	0.59	0.031
1029598	Soil	0.8	37.6	5.9	89	<0.1	17.0	11.6	458	3.71	6.5	0.3	1.3	1.9	48	0.1	0.4	<0.1	61	0.51	0.036
1029599	Soil	0.8	35.3	6.3	77	<0.1	23.0	13.9	495	3.80	7.4	0.4	1.1	2.8	48	0.1	0.4	0.1	75	0.50	0.027
1029600	Soil	0.7	32.5	12.4	90	<0.1	21.3	12.5	440	3.73	13.1	0.8	3.8	4.5	38	<0.1	0.5	0.2	85	0.47	0.035
1027561	Soil	1.1	16.6	12.2	51	<0.1	23.8	9.3	398	3.18	9.3	1.6	13.8	9.5	27	<0.1	0.6	0.2	78	0.23	0.020
1027562	Soil	1.3	10.6	14.6	75	<0.1	15.7	7.1	982	2.78	5.8	0.8	1.7	5.4	33	0.2	0.5	0.3	66	0.26	0.028
1027563	Soil	0.8	17.6	26.8	55	<0.1	18.5	8.1	524	2.56	8.0	2.6	1.9	29.1	61	0.1	0.5	4.8	54	0.35	0.015
1027564	Soil	1.0	28.2	17.8	54	<0.1	22.9	9.9	329	2.80	9.1	3.9	4.3	18.9	41	<0.1	0.6	1.7	64	0.34	0.017
1027565	Soil	0.6	5.9	31.3	36	<0.1	5.7	3.4	252	1.34	2.8	1.9	0.8	36.0	66	<0.1	0.2	3.9	18	0.14	0.012
1027566	Soil	1.0	9.1	19.3	45	<0.1	7.6	3.4	243	1.72	3.9	3.3	1.8	26.8	118	<0.1	0.3	2.6	30	0.13	0.017
1027567	Soil	1.0	33.3	14.6	69	<0.1	25.3	10.8	370	3.37	10.3	11.6	4.2	18.4	44	<0.1	0.6	0.8	81	0.38	0.028
1027568	Soil	0.8	19.6	12.7	60	<0.1	22.4	10.4	439	2.95	8.3	1.1	2.0	10.5	33	0.1	0.6	0.5	66	0.28	0.024
1027569	Soil	0.4	5.6	29.3	46	<0.1	4.8	2.8	386	1.38	1.5	4.8	<0.5	46.1	64	<0.1	0.1	8.2	17	0.32	0.013
1027570	Soil	1.4	11.1	19.1	62	<0.1	16.0	8.0	657	2.34	5.6	2.4	1.4	21.3	25	0.1	0.5	2.4	51	0.21	0.021
1027571	Soil	0.8	15.7	28.2	47	<0.1	6.2	3.6	428	1.57	3.5	3.9	0.6	24.7	19	<0.1	0.3	10.1	28	0.16	0.018
1027572	Soil	1.0	8.7	24.4	59	<0.1	9.5	5.3	624	2.04	5.8	4.3	1.0	27.7	46	<0.1	0.3	1.0	36	0.13	0.016
1027573	Soil	1.2	24.6	20.5	68	<0.1	15.7	7.9	651	2.37	6.9	3.9	1.0	23.1	28	0.1	0.5	6.7	46	0.25	0.027
1027574	Soil	1.1	38.4	13.6	70	<0.1	25.6	10.8	497	2.83	8.1	2.8	2.7	15.6	40	<0.1	0.5	4.7	63	0.40	0.032
1027575	Soil	0.8	42.8	22.5	50	<0.1	4.5	3.8	696	1.45	3.2	12.3	<0.5	37.6	37	0.1	0.3	3.1	22	0.32	0.033
1027576	Soil	1.1	12.7	29.7	72	<0.1	12.6	7.0	741	2.47	6.4	4.4	0.7	32.9	39	<0.1	0.3	5.6	44	0.23	0.023
1027577	Soil	0.9	8.5	22.2	59	<0.1	10.5	5.8	532	2.14	5.5	4.1	<0.5	22.6	25	<0.1	0.3	0.7	41	0.12	0.027
1027578	Soil	1.1	10.7	40.3	47	<0.1	6.6	5.2	640	1.74	4.6	6.4	<0.5	24.9	14	<0.1	0.3	4.4	19	0.12	0.034
1027579	Soil	1.3	21.5	27.5	66	<0.1	21.4	9.3	718	2.81	6.7	5.3	1.5	40.6	26	<0.1	0.5	1.2	60	0.25	0.020
1027580	Soil	1.3	17.0	23.9	68	<0.1	22.6	9.8	551	3.08	10.7	4.1	1.8	21.6	21	<0.1	0.6	1.9	66	0.20	0.027
1027581	Soil	0.5	10.3	50.6	114	<0.1	10.4	7.9	5105	2.38	8.8	28.7	1.3	27.3	39	0.3	1.0	1.7	22	0.24	0.011
1027582	Soil	0.5	11.2	50.6	116	<0.1	11.1	8.0	5104	2.40	8.8	29.3	<0.5	27.2	39	0.4	1.0	1.7	24	0.24	0.010
1027583	Soil	0.9	7.2	36.7	50	<0.1	8.9	5.4	844	2.00	4.3	6.1	<0.5	51.0	15	<0.1	0.2	2.1	33	0.16	0.025

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002505.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029594	Soil	13	29	0.60	242	0.083	2	2.12	0.022	0.06	0.1	<0.01	4.7	<0.1	<0.05	7	0.7	<0.2
1029595	Soil	13	24	0.60	286	0.078	1	1.89	0.026	0.06	0.1	0.02	5.3	<0.1	<0.05	7	0.5	<0.2
1029596	Soil	9	22	0.68	214	0.090	<1	2.01	0.018	0.06	0.1	<0.01	3.7	<0.1	<0.05	7	0.8	<0.2
1029597	Soil	11	35	0.90	260	0.126	1	2.33	0.026	0.08	0.1	0.03	4.3	<0.1	<0.05	7	0.6	<0.2
1029598	Soil	5	29	0.84	209	0.166	1	2.24	0.018	0.12	0.1	0.01	3.0	<0.1	<0.05	8	0.6	<0.2
1029599	Soil	8	35	1.06	149	0.137	1	2.70	0.019	0.09	0.1	<0.01	3.8	<0.1	<0.05	8	0.6	<0.2
1029600	Soil	15	37	1.02	226	0.160	1	2.31	0.027	0.07	0.2	0.01	4.6	<0.1	<0.05	8	0.6	<0.2
1027561	Soil	14	41	0.55	263	0.080	1	2.36	0.014	0.06	<0.1	0.01	3.5	0.1	<0.05	7	<0.5	<0.2
1027562	Soil	11	28	0.46	322	0.054	1	1.99	0.014	0.05	0.1	0.02	2.4	0.1	<0.05	7	0.7	<0.2
1027563	Soil	25	29	0.48	284	0.054	<1	1.82	0.012	0.09	<0.1	<0.01	4.5	0.2	<0.05	6	0.5	<0.2
1027564	Soil	22	39	0.56	272	0.095	2	2.01	0.018	0.08	0.1	0.03	5.4	0.1	<0.05	6	<0.5	<0.2
1027565	Soil	23	10	0.20	159	0.009	<1	1.05	0.009	0.13	<0.1	<0.01	1.4	0.1	<0.05	3	<0.5	<0.2
1027566	Soil	15	16	0.28	194	0.024	<1	1.43	0.012	0.11	<0.1	0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1027567	Soil	28	48	0.77	260	0.132	2	2.38	0.025	0.08	0.1	0.03	8.8	<0.1	<0.05	7	0.9	<0.2
1027568	Soil	12	35	0.55	259	0.096	<1	2.31	0.018	0.07	0.1	<0.01	3.2	<0.1	<0.05	6	0.7	<0.2
1027569	Soil	18	9	0.23	99	0.016	<1	1.16	0.014	0.11	<0.1	<0.01	1.4	0.2	0.06	4	<0.5	<0.2
1027570	Soil	9	27	0.38	166	0.044	<1	1.71	0.009	0.07	0.1	0.02	2.8	0.2	<0.05	5	<0.5	<0.2
1027571	Soil	6	13	0.24	78	0.005	<1	1.56	0.009	0.06	<0.1	<0.01	1.5	0.3	<0.05	5	<0.5	<0.2
1027572	Soil	13	17	0.38	99	0.036	<1	1.48	0.010	0.06	0.1	<0.01	2.5	0.2	<0.05	6	<0.5	<0.2
1027573	Soil	11	26	0.42	209	0.036	<1	1.45	0.010	0.06	0.1	<0.01	2.5	0.1	<0.05	5	<0.5	<0.2
1027574	Soil	16	39	0.63	241	0.106	<1	1.74	0.031	0.07	0.1	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
1027575	Soil	12	11	0.28	113	0.031	<1	1.31	0.010	0.16	<0.1	<0.01	2.5	0.3	<0.05	5	<0.5	<0.2
1027576	Soil	12	24	0.49	142	0.043	<1	1.88	0.011	0.09	0.1	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1027577	Soil	7	18	0.37	145	0.027	<1	1.62	0.008	0.07	<0.1	0.01	2.4	0.3	<0.05	6	<0.5	<0.2
1027578	Soil	5	11	0.24	146	0.005	<1	1.30	0.007	0.12	0.2	<0.01	1.5	0.1	<0.05	3	<0.5	<0.2
1027579	Soil	31	35	0.55	233	0.075	<1	2.15	0.016	0.06	0.1	0.02	4.8	0.2	<0.05	7	<0.5	<0.2
1027580	Soil	9	36	0.55	192	0.085	<1	2.50	0.010	0.06	0.1	0.01	3.3	0.2	<0.05	8	<0.5	<0.2
1027581	Soil	23	4	0.35	311	<0.001	<1	1.08	0.008	0.07	0.1	0.03	5.0	0.2	<0.05	4	<0.5	<0.2
1027582	Soil	23	4	0.34	318	0.001	<1	1.07	0.006	0.07	0.1	0.02	5.0	0.2	<0.05	4	<0.5	<0.2
1027583	Soil	26	17	0.41	70	0.016	<1	1.47	0.009	0.06	<0.1	<0.01	2.3	0.2	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002505.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1027584	Soil	0.4	5.8	35.5	50	<0.1	6.1	4.6	803	1.73	2.2	5.4	<0.5	54.2	7	<0.1	0.2	3.0	27	0.07	0.014
1027585	Soil	1.5	10.8	18.7	56	<0.1	11.6	7.3	541	2.37	6.3	2.4	0.9	10.4	14	<0.1	0.5	1.3	49	0.13	0.032
1027586	Soil	1.2	13.2	27.2	65	<0.1	16.2	9.1	633	2.57	8.2	2.3	1.5	23.8	15	<0.1	0.4	1.1	51	0.13	0.048

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1027584	Soil	22	13	0.38	36	0.039	<1	1.13	0.009	0.08	<0.1	<0.01	2.7	0.4	<0.05	6	<0.5	<0.2
1027585	Soil	7	23	0.33	133	0.018	<1	1.61	0.009	0.07	<0.1	0.02	1.6	0.2	<0.05	6	<0.5	<0.2
1027586	Soil	9	26	0.38	135	0.045	<1	1.70	0.009	0.07	0.1	0.01	2.6	0.2	<0.05	6	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002505.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1030634	Soil	0.8	17.4	5.2	59	<0.1	12.9	13.1	484	2.98	5.4	0.7	1.7	5.6	32	0.1	0.4	<0.1	56	0.48	0.064
REP 1030634	QC	0.8	17.5	6.4	62	<0.1	14.3	13.2	492	2.97	5.2	0.7	5.8	5.8	32	0.1	0.3	<0.1	54	0.49	0.064
1029562	Soil	1.1	18.5	9.8	46	0.1	18.4	9.1	237	2.99	10.3	0.6	2.2	3.3	19	<0.1	0.5	0.2	71	0.19	0.026
REP 1029562	QC	1.0	18.3	9.7	47	0.1	18.9	9.2	237	2.97	9.8	0.6	<0.5	3.2	18	<0.1	0.6	0.2	68	0.18	0.026
1026762	Soil	0.3	35.2	11.8	50	<0.1	3.7	2.9	224	1.79	3.7	2.3	<0.5	30.2	11	<0.1	0.4	2.7	16	0.10	0.007
REP 1026762	QC	0.3	35.1	11.8	50	<0.1	3.5	3.0	225	1.82	3.5	2.4	<0.5	30.5	12	<0.1	0.3	2.8	16	0.09	0.009
1026783	Soil	0.7	14.8	8.4	67	<0.1	12.5	8.3	467	2.69	5.8	1.7	4.4	14.0	21	<0.1	0.3	0.3	53	0.26	0.041
REP 1026783	QC	0.6	15.3	8.6	65	<0.1	11.7	8.7	460	2.67	5.5	1.7	2.1	14.1	21	<0.1	0.3	0.3	52	0.26	0.041
1021876	Soil	0.3	9.9	7.0	45	<0.1	10.2	6.9	374	1.94	3.3	3.9	5.9	13.8	39	0.2	0.2	0.1	35	0.44	0.027
REP 1021876	QC	0.4	10.6	7.2	48	<0.1	10.3	6.5	392	2.04	3.3	4.0	1.4	13.7	39	<0.1	0.2	0.1	36	0.46	0.028
1029882	Soil	1.4	31.6	8.3	75	0.1	21.1	10.4	335	3.06	8.6	0.5	6.7	2.9	22	0.2	0.4	0.1	71	0.28	0.041
REP 1029882	QC	1.4	31.7	8.8	73	0.1	18.4	10.3	331	3.01	8.0	0.6	6.4	2.9	20	0.1	0.5	0.2	69	0.27	0.035
1029586	Soil	0.6	33.0	7.2	72	<0.1	13.7	12.0	372	3.20	5.0	0.4	1.3	1.8	39	<0.1	0.2	0.1	80	0.48	0.030
REP 1029586	QC	0.7	33.5	7.2	71	<0.1	14.3	12.4	387	3.25	5.3	0.4	25.3	1.9	41	<0.1	0.3	0.2	82	0.48	0.031
1029599	Soil	0.8	35.3	6.3	77	<0.1	23.0	13.9	495	3.80	7.4	0.4	1.1	2.8	48	0.1	0.4	0.1	75	0.50	0.027
REP 1029599	QC	1.0	34.5	6.6	78	<0.1	22.9	13.6	479	3.78	7.7	0.4	0.5	2.8	49	0.2	0.4	0.1	76	0.49	0.027
1027574	Soil	1.1	38.4	13.6	70	<0.1	25.6	10.8	497	2.83	8.1	2.8	2.7	15.6	40	<0.1	0.5	4.7	63	0.40	0.032
REP 1027574	QC	1.0	38.7	13.4	68	<0.1	26.4	10.6	492	2.80	7.9	2.8	3.0	15.1	40	<0.1	0.5	4.1	63	0.40	0.034
Reference Materials																					
STD DS8	Standard	13.4	110.7	124.7	308	1.9	38.3	7.6	604	2.39	25.2	2.8	115.3	6.6	67	2.2	6.2	7.0	41	0.66	0.075
STD DS8	Standard	13.3	112.0	127.5	308	1.8	37.4	7.4	593	2.35	25.2	2.7	105.1	6.6	66	2.2	5.8	6.8	42	0.63	0.072
STD DS8	Standard	13.9	118.0	123.3	341	2.0	41.0	8.1	655	2.61	28.5	2.7	118.8	6.6	73	2.8	6.0	6.5	45	0.73	0.087
STD DS8	Standard	13.0	104.7	118.9	309	1.8	36.0	7.2	587	2.35	24.4	2.7	112.1	6.3	64	2.3	5.2	6.1	39	0.67	0.077
STD DS8	Standard	12.7	113.2	119.1	334	1.8	40.8	7.7	627	2.56	28.5	2.7	121.2	6.4	72	2.6	6.2	6.8	43	0.73	0.084
STD DS8	Standard	13.4	113.4	123.3	331	2.0	39.7	7.6	637	2.55	28.2	2.7	137.7	6.6	73	2.6	6.0	6.8	43	0.72	0.085
STD DS8	Standard	12.7	110.6	124.1	323	1.6	40.6	7.9	616	2.50	27.4	2.7	110.6	6.9	69	2.2	6.0	6.6	42	0.69	0.079
STD DS8	Standard	14.2	115.3	126.0	318	1.8	39.3	7.4	636	2.55	26.2	2.7	127.2	6.8	72	2.4	5.5	6.4	43	0.73	0.076
STD DS8	Standard	14.3	115.9	134.5	354	1.9	39.6	7.8	707	2.66	28.8	3.0	110.8	7.3	80	2.5	6.7	7.2	46	0.77	0.087

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002505.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1030634	Soil	14	23	0.82	243	0.086	<1	1.68	0.013	0.06	0.1	0.01	2.7	<0.1	<0.05	5	0.6	<0.2
REP 1030634	QC	15	23	0.83	252	0.088	<1	1.70	0.014	0.06	0.2	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1029562	Soil	10	32	0.40	265	0.061	2	1.98	0.008	0.04	0.1	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
REP 1029562	QC	9	32	0.39	263	0.058	1	1.96	0.008	0.05	0.1	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1026762	Soil	40	8	0.23	80	0.020	<1	1.61	0.006	0.23	0.8	0.01	2.1	0.4	<0.05	4	<0.5	<0.2
REP 1026762	QC	40	8	0.23	81	0.020	1	1.60	0.007	0.24	0.8	0.02	2.2	0.4	<0.05	4	<0.5	<0.2
1026783	Soil	23	24	0.55	162	0.099	1	1.83	0.010	0.16	0.2	<0.01	3.0	0.1	<0.05	6	<0.5	<0.2
REP 1026783	QC	22	24	0.54	158	0.099	<1	1.81	0.010	0.16	0.2	0.01	2.8	0.2	<0.05	5	<0.5	<0.2
1021876	Soil	18	19	0.42	112	0.049	<1	1.26	0.012	0.10	0.2	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
REP 1021876	QC	19	19	0.43	117	0.049	1	1.29	0.012	0.10	0.2	0.03	2.2	<0.1	<0.05	4	<0.5	<0.2
1029882	Soil	9	35	0.74	221	0.087	<1	2.07	0.016	0.07	0.2	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
REP 1029882	QC	8	34	0.71	212	0.077	<1	1.98	0.014	0.06	<0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1029586	Soil	7	25	0.99	217	0.162	1	2.08	0.017	0.17	0.1	<0.01	2.6	<0.1	<0.05	6	0.8	<0.2
REP 1029586	QC	7	24	1.00	223	0.168	2	2.24	0.017	0.17	0.1	0.01	2.8	0.1	<0.05	7	<0.5	<0.2
1029599	Soil	8	35	1.06	149	0.137	1	2.70	0.019	0.09	0.1	<0.01	3.8	<0.1	<0.05	8	0.6	<0.2
REP 1029599	QC	8	35	1.04	155	0.135	1	2.62	0.023	0.08	0.1	<0.01	3.8	<0.1	<0.05	8	0.8	<0.2
1027574	Soil	16	39	0.63	241	0.106	<1	1.74	0.031	0.07	0.1	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
REP 1027574	QC	16	38	0.63	242	0.110	<1	1.78	0.030	0.08	0.1	0.03	5.7	0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	117	0.55	275	0.114	3	0.90	0.084	0.42	2.8	0.19	2.2	5.1	0.16	5	4.9	5.5
STD DS8	Standard	14	115	0.52	268	0.112	2	0.89	0.085	0.40	3.2	0.20	2.2	5.4	0.12	5	4.3	4.2
STD DS8	Standard	15	128	0.66	307	0.123	1	0.97	0.086	0.45	2.9	0.22	2.7	5.6	0.17	5	5.8	5.5
STD DS8	Standard	14	113	0.60	274	0.111	<1	0.89	0.080	0.40	2.9	0.19	2.3	5.0	0.17	5	3.2	4.9
STD DS8	Standard	15	121	0.63	291	0.115	<1	0.93	0.087	0.45	2.8	0.21	2.3	5.6	0.11	5	5.7	5.1
STD DS8	Standard	14	120	0.64	289	0.116	2	0.93	0.088	0.43	3.0	0.21	2.5	5.9	0.08	5	6.4	5.4
STD DS8	Standard	14	120	0.63	284	0.114	4	0.95	0.095	0.42	3.2	0.21	2.5	5.7	0.10	5	3.0	6.3
STD DS8	Standard	15	123	0.63	292	0.124	4	0.96	0.094	0.43	3.3	0.18	2.7	5.5	0.18	5	5.6	6.3
STD DS8	Standard	16	127	0.65	317	0.134	4	0.98	0.109	0.45	3.3	0.22	2.2	5.8	0.11	5	5.9	5.9

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002505.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	14.2	104.0	132.1	325	1.9	37.8	7.1	629	2.54	27.2	2.9	111.2	7.2	79	2.3	6.2	6.8	44	0.73	0.090
STD DS8	Standard	14.5	112.3	118.7	324	1.8	38.2	7.6	612	2.47	27.5	2.8	110.5	6.8	70	2.3	6.1	6.6	41	0.66	0.074
STD DS8	Standard	13.8	115.0	118.8	321	1.8	38.4	7.7	631	2.50	27.8	2.8	125.4	7.2	71	2.3	5.8	6.4	43	0.65	0.077
STD DS8	Standard	14.1	118.4	124.1	331	1.8	40.2	7.5	618	2.45	25.2	2.8	108.9	6.9	67	2.3	5.6	6.3	46	0.67	0.078
STD DS8	Standard	13.7	123.0	121.2	333	1.8	42.5	8.5	616	2.47	26.7	2.8	114.0	7.0	65	2.5	5.7	6.4	46	0.63	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002505.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	17	115	0.63	305	0.124	2	1.01	0.100	0.45	3.1	0.20	2.2	5.8	0.14	5	4.8	5.2
STD DS8	Standard	15	116	0.58	288	0.123	2	0.85	0.083	0.40	2.9	0.18	2.0	5.1	0.16	5	4.9	4.7
STD DS8	Standard	16	117	0.57	292	0.127	2	0.85	0.076	0.39	3.0	0.19	2.0	5.2	0.17	5	5.8	4.9
STD DS8	Standard	15	123	0.63	279	0.133	2	0.96	0.090	0.42	3.1	0.21	2.6	5.5	0.17	5	5.5	4.4
STD DS8	Standard	15	124	0.62	277	0.127	2	0.93	0.085	0.42	3.2	0.18	2.3	5.5	0.16	5	5.3	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 13, 2011
Report Date: July 19, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS VAN11002605.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 281

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	281	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	281	Dry at 60C			VAN
1DX2	281	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002605.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021565	Soil	9.8	45.0	7.6	25	<0.1	3.6	1.9	101	6.74	3.0	0.4	2.1	6.1	168	<0.1	0.1	0.3	49	0.16	0.078
1021566	Soil	1.0	29.5	10.2	74	<0.1	22.2	11.3	287	3.23	9.3	0.6	2.9	3.6	22	0.1	0.5	0.2	64	0.22	0.022
1021567	Soil	0.6	11.5	7.0	121	<0.1	20.2	23.3	899	5.16	7.8	0.5	<0.5	4.8	95	0.2	0.3	0.1	96	0.53	0.066
1021568	Soil	1.2	23.8	7.9	90	<0.1	21.3	14.5	577	3.87	10.5	0.7	1.2	4.0	51	<0.1	0.5	0.2	76	0.33	0.068
1021586	Soil	1.0	12.2	8.2	85	<0.1	20.1	18.1	710	4.44	8.1	0.9	1.4	5.6	20	0.1	0.4	0.2	78	0.16	0.049
1021587	Soil	0.5	57.1	5.9	74	<0.1	53.9	28.1	649	5.15	6.3	0.6	0.9	2.7	83	<0.1	0.2	<0.1	117	0.66	0.025
1021588	Soil	0.8	26.2	9.6	61	<0.1	25.2	12.0	310	3.20	10.6	0.7	6.0	3.4	22	<0.1	0.4	0.2	73	0.24	0.027
1021589	Soil	1.2	18.5	15.7	62	<0.1	25.8	13.0	348	3.73	12.5	0.4	1.8	2.3	17	0.2	0.6	0.2	76	0.21	0.033
1021590	Soil	0.8	43.5	10.4	135	0.3	30.8	17.9	775	4.56	7.8	0.5	0.7	2.5	47	0.4	0.4	0.1	101	0.48	0.056
1021591	Soil	0.9	71.4	10.3	140	<0.1	12.0	10.6	591	4.28	5.4	0.7	0.6	13.1	21	0.1	0.2	<0.1	69	0.21	0.038
1021592	Soil	0.4	28.3	6.7	101	<0.1	10.7	18.8	816	4.68	4.7	0.6	<0.5	3.5	66	0.1	0.2	<0.1	90	0.63	0.036
1021594	Soil	0.4	30.4	6.5	101	<0.1	10.3	20.0	863	4.89	4.9	0.6	<0.5	4.3	62	<0.1	0.2	0.1	93	0.65	0.038
1021595	Soil	0.5	23.9	9.0	109	<0.1	18.6	19.1	972	5.92	6.4	2.4	0.8	13.7	18	<0.1	0.3	0.1	116	0.51	0.101
1021596	Soil	0.2	32.8	9.8	76	0.2	14.7	18.8	923	4.52	3.5	1.4	4.4	8.4	17	<0.1	0.1	<0.1	84	0.61	0.078
1021597	Soil	0.8	33.7	7.3	72	<0.1	24.5	13.0	482	4.01	10.6	0.5	6.9	4.7	33	<0.1	0.5	0.1	83	0.41	0.025
1021598	Soil	2.0	24.8	9.5	68	0.1	21.4	12.6	593	3.98	7.2	0.9	1.0	9.0	22	<0.1	0.5	0.2	88	0.26	0.025
1026618	Soil	1.0	92.9	7.7	132	<0.1	11.5	25.3	837	6.37	7.6	0.4	<0.5	2.6	39	0.2	0.2	<0.1	111	0.60	0.138
1026619	Soil	0.5	40.1	5.2	74	<0.1	22.8	16.3	454	4.05	6.1	0.7	2.3	3.1	51	<0.1	0.2	<0.1	91	0.65	0.024
1026620	Soil	0.6	29.8	6.5	71	<0.1	22.1	14.7	278	3.95	8.1	0.6	2.2	3.2	40	0.1	0.3	<0.1	88	0.49	0.024
1026621	Soil	0.5	39.1	5.4	88	<0.1	31.0	21.5	695	5.53	5.2	0.6	0.7	1.7	47	0.1	0.2	<0.1	150	0.71	0.033
1026622	Soil	1.0	25.3	6.8	91	<0.1	20.5	17.1	499	4.68	9.2	0.4	2.9	2.7	12	0.1	0.4	0.1	77	0.28	0.076
1026623	Soil	0.6	53.7	5.7	113	<0.1	80.7	30.7	1084	7.29	7.2	0.8	<0.5	4.8	49	0.1	0.2	<0.1	223	0.34	0.037
1026624	Soil	0.6	44.2	7.2	55	<0.1	25.7	9.8	329	3.02	10.3	0.7	5.6	3.9	28	<0.1	0.6	0.1	71	0.40	0.049
1026625	Soil	0.9	42.5	7.6	49	<0.1	16.2	12.3	316	3.19	7.3	0.5	1.0	2.4	20	0.1	0.4	0.1	92	0.29	0.032
1026637	Soil	0.8	32.1	17.8	56	<0.1	21.7	11.1	343	3.12	8.6	0.9	2.3	5.9	29	<0.1	0.4	0.2	74	0.34	0.019
1026638	Soil	0.5	37.1	36.0	68	<0.1	24.6	16.0	510	3.54	7.0	0.8	2.6	4.8	39	<0.1	0.4	0.2	81	0.47	0.034
1026639	Soil	0.7	44.3	10.1	68	<0.1	28.7	14.0	492	3.70	9.6	1.3	2.9	6.5	35	<0.1	0.5	0.3	85	0.46	0.029
1026640	Soil	0.7	34.1	7.6	65	<0.1	28.8	11.6	420	3.38	10.2	0.9	5.6	5.2	31	<0.1	0.5	0.2	77	0.42	0.034
1026641	Soil	0.6	22.8	6.6	63	<0.1	24.9	16.2	414	3.56	10.2	0.4	2.1	3.2	21	<0.1	0.4	0.1	79	0.24	0.026
1026642	Soil	0.9	22.9	9.5	51	<0.1	20.0	10.4	333	2.89	8.0	0.6	3.8	2.7	19	0.1	0.4	0.2	66	0.20	0.034

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Project: PED
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CERTIFICATE OF ANALYSIS VAN11002605.2

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021565	Soil	15	13	0.31	194	0.006	1	1.70	0.290	0.26	<0.1	0.01	4.4	0.1	1.17	7	7.1	<0.2
1021566	Soil	8	38	0.70	241	0.073	1	2.46	0.005	0.05	0.1	0.03	3.4	<0.1	<0.05	7	<0.5	<0.2
1021567	Soil	8	37	1.98	243	0.208	1	3.32	0.009	0.10	<0.1	<0.01	2.7	<0.1	<0.05	11	<0.5	<0.2
1021568	Soil	10	46	1.11	208	0.110	1	2.74	0.009	0.08	0.1	0.02	3.7	<0.1	<0.05	9	<0.5	<0.2
1021586	Soil	10	32	1.26	206	0.037	1	3.04	0.007	0.15	0.1	0.02	3.5	0.1	<0.05	9	<0.5	<0.2
1021587	Soil	5	155	2.08	204	0.210	2	3.47	0.027	0.04	<0.1	0.01	8.6	<0.1	<0.05	10	<0.5	<0.2
1021588	Soil	11	46	0.73	203	0.073	<1	2.41	0.012	0.05	0.1	0.03	4.2	0.1	<0.05	7	0.6	<0.2
1021589	Soil	7	39	0.59	250	0.061	2	2.56	0.008	0.06	0.2	0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1021590	Soil	5	76	1.52	187	0.136	1	2.94	0.011	0.04	0.1	0.02	5.1	<0.1	<0.05	11	<0.5	<0.2
1021591	Soil	14	27	1.82	138	0.172	<1	3.22	0.008	0.25	<0.1	0.01	4.1	0.1	<0.05	12	0.6	<0.2
1021592	Soil	16	17	1.63	265	0.087	1	2.97	0.009	0.06	<0.1	<0.01	4.0	<0.1	<0.05	9	<0.5	<0.2
1021594	Soil	17	17	1.72	262	0.095	<1	2.92	0.013	0.07	<0.1	0.01	4.3	<0.1	<0.05	10	<0.5	<0.2
1021595	Soil	35	52	1.70	164	0.008	2	2.82	0.007	0.09	<0.1	<0.01	9.9	<0.1	<0.05	11	<0.5	<0.2
1021596	Soil	24	34	1.23	649	0.006	2	2.55	0.009	0.16	<0.1	0.04	10.1	<0.1	<0.05	8	1.0	<0.2
1021597	Soil	17	41	0.84	275	0.106	1	2.32	0.019	0.06	0.1	0.04	6.5	<0.1	<0.05	7	<0.5	<0.2
1021598	Soil	30	50	0.75	347	0.072	<1	2.84	0.010	0.07	0.1	0.02	4.2	0.1	<0.05	10	<0.5	<0.2
1026618	Soil	5	21	2.05	211	0.249	<1	4.36	0.011	0.34	<0.1	0.01	2.5	0.1	<0.05	13	<0.5	<0.2
1026619	Soil	12	40	1.90	254	0.163	<1	3.27	0.022	0.09	<0.1	0.02	7.5	<0.1	<0.05	10	<0.5	<0.2
1026620	Soil	10	36	1.37	204	0.135	<1	3.57	0.021	0.06	<0.1	0.02	6.0	<0.1	<0.05	10	<0.5	<0.2
1026621	Soil	8	92	2.48	116	0.182	1	4.05	0.023	0.05	<0.1	<0.01	11.9	<0.1	<0.05	11	0.5	<0.2
1026622	Soil	7	30	1.38	154	0.088	<1	2.83	0.013	0.04	0.1	0.02	4.5	<0.1	<0.05	12	0.6	<0.2
1026623	Soil	7	274	5.18	136	0.269	2	5.69	0.007	0.04	<0.1	0.02	13.8	<0.1	<0.05	20	<0.5	<0.2
1026624	Soil	15	38	0.63	246	0.086	1	1.91	0.018	0.05	0.2	0.04	7.1	<0.1	<0.05	6	0.7	<0.2
1026625	Soil	7	34	0.75	126	0.089	<1	2.08	0.023	0.05	0.1	0.02	4.7	<0.1	<0.05	8	<0.5	<0.2
1026637	Soil	22	40	0.76	224	0.080	<1	2.08	0.015	0.05	<0.1	0.02	7.2	<0.1	<0.05	7	<0.5	<0.2
1026638	Soil	18	42	1.10	270	0.101	<1	2.22	0.017	0.06	0.1	0.03	7.9	<0.1	<0.05	7	<0.5	<0.2
1026639	Soil	23	52	0.99	254	0.111	1	2.36	0.022	0.07	0.1	0.05	10.3	0.1	<0.05	8	0.8	<0.2
1026640	Soil	18	42	0.86	229	0.093	1	2.03	0.022	0.06	0.2	0.04	8.5	<0.1	<0.05	7	<0.5	<0.2
1026641	Soil	7	38	1.13	234	0.092	<1	2.69	0.008	0.05	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
1026642	Soil	11	31	0.51	204	0.059	<1	2.13	0.009	0.05	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026643	Soil		1.1	22.1	9.0	60	<0.1	27.2	12.0	392	3.42	11.5	0.5	4.0	3.5	19	0.1	0.6	0.2	74	0.25	0.027
1026644	Soil		1.1	21.0	6.7	101	<0.1	20.4	20.1	761	5.05	7.5	0.5	1.3	3.2	30	<0.1	0.4	0.1	93	0.40	0.049
1026645	Soil		0.9	34.7	8.2	70	<0.1	25.0	12.2	424	3.42	10.7	0.8	2.6	5.4	33	<0.1	0.5	0.2	75	0.37	0.025
1027901	Soil		0.7	67.8	5.5	94	<0.1	29.6	21.2	590	4.22	5.8	0.3	<0.5	2.3	34	0.2	0.3	<0.1	96	0.65	0.051
1027902	Soil		0.6	44.9	7.3	76	<0.1	28.6	19.7	558	3.56	5.7	0.3	2.9	2.2	36	<0.1	0.2	<0.1	88	0.65	0.047
1027903	Soil		0.2	101.9	5.7	68	<0.1	34.8	21.6	469	3.56	3.8	0.3	<0.5	2.1	36	<0.1	0.1	<0.1	97	0.63	0.087
1027904	Soil		0.4	39.5	6.8	57	<0.1	23.0	15.6	1224	3.56	3.0	0.7	1.3	4.0	32	0.1	0.2	<0.1	66	1.58	0.037
1027905	Soil		0.3	133.6	3.0	91	<0.1	34.8	26.3	494	5.53	3.7	0.7	1.2	3.5	40	<0.1	0.2	<0.1	165	0.73	0.072
1027906	Soil		0.4	134.1	2.7	95	<0.1	36.2	26.7	586	5.77	3.8	0.6	<0.5	2.9	41	<0.1	0.2	<0.1	173	0.79	0.085
1027907	Soil		0.2	50.1	4.8	109	<0.1	35.5	28.4	897	5.53	3.6	0.3	<0.5	3.3	30	0.1	0.2	<0.1	133	0.94	0.082
1027908	Soil		0.7	41.0	10.2	83	<0.1	26.6	20.9	570	4.70	7.2	0.7	<0.5	3.7	39	<0.1	0.2	0.3	97	0.54	0.046
1027909	Soil		1.1	42.8	4.7	54	0.1	53.6	20.0	734	3.61	6.3	0.4	5.1	2.4	64	<0.1	0.4	0.1	76	3.40	0.048
1027910	Soil		0.8	14.1	4.5	71	<0.1	22.9	19.2	661	4.75	6.7	1.0	<0.5	7.4	16	<0.1	0.3	<0.1	99	0.26	0.067
1027911	Soil		0.7	33.3	4.8	74	<0.1	22.2	20.9	564	4.76	6.2	0.5	<0.5	4.2	42	<0.1	0.3	<0.1	88	0.50	0.057
1027912	Soil		0.8	37.6	4.7	63	<0.1	19.9	15.2	597	3.19	4.9	0.3	<0.5	1.4	22	0.1	0.2	<0.1	82	0.65	0.112
1027913	Soil		1.1	21.1	8.4	63	<0.1	27.0	15.8	511	3.91	8.3	0.6	1.5	2.9	48	<0.1	0.4	0.2	95	0.52	0.033
1027914	Soil		0.4	124.4	3.6	83	<0.1	25.4	26.1	436	4.73	6.0	0.4	<0.5	1.6	24	<0.1	0.2	<0.1	156	0.56	0.087
1027918	Soil		0.1	23.2	4.4	62	<0.1	29.6	18.3	591	4.23	3.1	1.1	1.3	5.3	43	<0.1	0.5	<0.1	87	0.54	0.049
1027919	Soil		0.6	173.9	3.8	46	<0.1	54.1	20.2	346	2.84	4.6	1.0	0.6	2.2	30	0.1	0.2	<0.1	68	0.62	0.080
1027920	Soil		0.4	86.0	3.2	62	<0.1	29.1	22.5	699	4.32	2.5	0.6	<0.5	2.7	116	<0.1	0.3	<0.1	109	0.68	0.047
1027921	Soil		0.7	28.5	3.3	54	<0.1	42.1	18.7	569	3.48	4.3	0.5	<0.5	1.9	101	<0.1	0.2	<0.1	77	0.66	0.055
1027922	Soil		0.3	37.6	2.9	53	<0.1	44.9	26.1	600	3.62	4.2	0.3	<0.5	1.3	57	<0.1	0.2	<0.1	101	0.87	0.054
1027923	Soil		0.2	103.9	2.2	76	<0.1	36.0	25.2	790	5.02	2.6	0.3	<0.5	1.6	45	<0.1	0.3	<0.1	145	1.05	0.101
1027924	Soil		0.3	45.0	3.4	80	<0.1	29.5	23.2	523	4.20	3.9	0.4	0.7	3.4	34	<0.1	0.1	<0.1	118	0.55	0.062
1027925	Soil		0.5	9.4	1.9	86	<0.1	27.3	28.0	849	5.20	4.9	0.2	<0.5	0.7	41	<0.1	0.1	<0.1	114	0.61	0.096
1027926	Soil		0.3	5.4	9.7	61	<0.1	20.6	14.6	440	3.47	3.0	1.2	<0.5	4.5	43	0.2	0.3	0.1	63	0.43	0.016
1027927	Soil		0.3	24.7	13.2	80	<0.1	12.7	23.0	1116	4.82	4.4	3.2	27.6	11.9	21	<0.1	0.1	0.3	46	0.52	0.065
1027928	Soil		0.6	23.7	4.1	96	<0.1	16.0	28.8	1252	7.95	6.1	0.9	<0.5	8.1	29	<0.1	0.2	<0.1	198	0.51	0.080
1027929	Soil		0.6	22.0	3.7	93	<0.1	16.2	29.3	1299	7.82	5.3	1.0	<0.5	8.8	30	<0.1	0.1	<0.1	191	0.51	0.083
1027930	Soil		1.2	127.5	9.8	94	<0.1	21.5	31.5	793	5.82	12.0	1.1	<0.5	8.0	35	0.1	0.3	0.1	109	0.47	0.050

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002605.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026643	Soil	9	42	0.68	273	0.074	2	2.55	0.010	0.07	0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1026644	Soil	7	34	1.31	293	0.106	1	3.08	0.011	0.06	<0.1	0.02	4.3	<0.1	<0.05	10	<0.5	<0.2
1026645	Soil	19	47	0.81	276	0.104	1	2.40	0.017	0.07	0.1	0.04	7.7	<0.1	0.05	7	0.8	<0.2
1027901	Soil	4	52	1.76	200	0.096	1	2.74	0.020	0.09	<0.1	0.01	5.5	<0.1	0.06	9	<0.5	<0.2
1027902	Soil	4	50	1.38	160	0.018	<1	2.66	0.017	0.10	<0.1	0.01	6.5	<0.1	0.07	8	<0.5	<0.2
1027903	Soil	4	56	1.72	267	0.130	3	2.51	0.021	0.38	<0.1	<0.01	5.9	<0.1	<0.05	7	<0.5	<0.2
1027904	Soil	22	31	1.41	176	0.005	2	2.51	0.007	0.07	<0.1	0.01	7.5	<0.1	<0.05	7	<0.5	<0.2
1027905	Soil	7	71	2.63	457	0.022	1	3.53	0.015	0.08	<0.1	<0.01	16.3	<0.1	<0.05	10	<0.5	<0.2
1027906	Soil	7	70	2.91	477	0.024	2	3.46	0.015	0.09	<0.1	<0.01	16.8	<0.1	<0.05	11	<0.5	<0.2
1027907	Soil	7	60	1.87	191	0.004	2	2.99	0.015	0.04	<0.1	<0.01	14.3	<0.1	<0.05	10	<0.5	<0.2
1027908	Soil	5	36	1.68	227	0.010	3	3.13	0.009	0.08	<0.1	0.01	7.3	<0.1	<0.05	10	<0.5	<0.2
1027909	Soil	10	40	1.26	275	0.021	3	2.01	0.016	0.09	0.3	0.04	10.7	<0.1	<0.05	6	<0.5	<0.2
1027910	Soil	8	28	1.15	226	0.037	3	2.17	0.010	0.17	<0.1	<0.01	9.5	<0.1	<0.05	8	<0.5	<0.2
1027911	Soil	8	26	1.47	256	0.131	2	2.85	0.012	0.35	<0.1	<0.01	2.9	<0.1	<0.05	9	<0.5	<0.2
1027912	Soil	4	25	0.98	227	0.084	1	1.96	0.039	0.11	<0.1	0.02	4.7	<0.1	<0.05	6	<0.5	<0.2
1027913	Soil	8	35	1.23	293	0.131	3	2.86	0.012	0.05	0.1	0.01	4.3	<0.1	<0.05	9	<0.5	<0.2
1027914	Soil	4	28	1.93	197	0.240	2	3.37	0.042	0.23	0.1	0.01	4.8	<0.1	<0.05	11	<0.5	<0.2
1027918	Soil	11	35	1.84	95	0.004	2	2.71	0.008	0.03	<0.1	<0.01	8.2	<0.1	<0.05	10	<0.5	<0.2
1027919	Soil	4	107	0.99	152	0.059	2	1.89	0.046	0.06	<0.1	<0.01	5.3	<0.1	<0.05	5	0.5	<0.2
1027920	Soil	8	36	1.76	261	0.061	1	2.96	0.013	0.05	<0.1	0.02	7.6	<0.1	<0.05	8	<0.5	<0.2
1027921	Soil	6	67	1.68	310	0.088	<1	2.60	0.026	0.08	<0.1	<0.01	8.0	<0.1	<0.05	7	<0.5	<0.2
1027922	Soil	4	32	2.37	181	0.057	1	3.05	0.027	0.05	<0.1	<0.01	11.5	<0.1	<0.05	7	<0.5	<0.2
1027923	Soil	5	49	3.05	215	0.051	2	3.80	0.020	0.07	<0.1	<0.01	14.3	<0.1	<0.05	10	<0.5	<0.2
1027924	Soil	12	54	2.04	504	0.166	1	2.88	0.024	0.48	<0.1	<0.01	7.7	0.1	<0.05	9	<0.5	<0.2
1027925	Soil	2	41	2.59	132	0.110	2	3.71	0.016	0.04	<0.1	<0.01	7.4	<0.1	<0.05	11	<0.5	<0.2
1027926	Soil	8	20	1.35	95	0.007	2	2.62	0.009	0.08	0.2	<0.01	2.7	<0.1	<0.05	8	<0.5	<0.2
1027927	Soil	27	13	0.28	425	0.003	1	1.34	0.007	0.14	<0.1	<0.01	11.7	0.2	<0.05	3	<0.5	<0.2
1027928	Soil	13	39	2.52	259	0.117	1	3.87	0.011	0.33	<0.1	<0.01	14.8	<0.1	<0.05	14	<0.5	<0.2
1027929	Soil	14	38	2.57	235	0.103	2	3.69	0.010	0.29	<0.1	<0.01	15.3	<0.1	<0.05	14	<0.5	<0.2
1027930	Soil	12	38	1.75	224	0.098	1	3.09	0.010	0.25	<0.1	<0.01	6.2	0.1	<0.05	9	<0.5	<0.2

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CERTIFICATE OF ANALYSIS VAN11002605.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1027931	Soil	0.7	39.4	4.9	113	<0.1	15.1	27.1	1143	7.09	4.7	1.5	<0.5	7.7	52	<0.1	0.2	0.2	160	0.72	0.050
1027932	Soil	0.4	28.4	6.8	91	<0.1	14.8	25.7	955	5.96	4.4	1.5	1.4	13.4	46	<0.1	0.2	<0.1	116	0.60	0.050
1027933	Soil	0.7	20.0	6.1	102	<0.1	23.1	19.7	574	4.20	7.8	0.5	0.9	4.0	33	0.1	0.4	0.1	87	0.43	0.038
1027934	Soil	0.5	23.1	4.4	94	<0.1	15.7	26.0	862	5.00	4.8	0.7	1.7	5.6	53	0.1	0.2	<0.1	99	0.74	0.057
1027935	Soil	0.8	14.7	4.2	135	<0.1	18.2	28.8	998	5.05	5.3	0.3	0.6	2.0	77	0.2	0.2	<0.1	113	0.88	0.066
1027936	Soil	0.8	66.0	10.4	81	<0.1	34.1	21.4	619	4.25	8.3	0.9	4.9	5.0	58	0.1	0.4	0.2	94	0.65	0.042
1027937	Soil	0.7	33.4	11.1	87	<0.1	27.8	21.4	683	4.81	10.0	0.6	1.9	6.4	35	0.1	0.3	0.1	111	0.43	0.033
1027938	Soil	0.8	30.6	63.0	79	<0.1	24.9	18.8	519	4.36	12.8	0.7	1.7	6.3	42	0.1	0.5	0.3	100	0.41	0.030
1027939	Soil	0.9	23.7	26.6	59	<0.1	26.4	13.4	340	3.42	8.3	0.9	1.2	6.3	36	<0.1	0.5	0.2	88	0.36	0.019
1021881	Soil	0.6	23.2	31.1	52	<0.1	24.3	9.6	489	2.79	8.9	7.8	2.8	28.0	24	<0.1	0.6	0.3	64	0.26	0.029
1021882	Soil	1.1	14.6	22.9	84	<0.1	90.6	7.6	422	2.41	5.6	1.1	0.8	15.5	11	0.1	0.4	0.3	55	0.11	0.029
1021883	Soil	0.8	11.5	34.0	57	<0.1	15.0	8.0	794	2.13	5.4	2.3	4.3	21.1	27	0.1	0.5	0.4	46	0.32	0.047
1021884	Soil	0.6	6.9	33.6	83	<0.1	11.4	7.2	987	2.36	2.5	3.5	0.9	41.1	21	0.1	0.4	0.5	39	0.27	0.046
1021885	Soil	0.6	19.7	36.8	72	<0.1	21.2	9.5	773	3.04	7.7	6.4	3.7	52.2	26	<0.1	0.4	0.4	61	0.34	0.048
1021887	Soil	0.8	18.8	20.1	66	0.1	23.3	10.6	660	2.81	8.4	1.3	2.6	15.4	31	<0.1	0.5	0.2	63	0.38	0.041
1021888	Soil	0.9	10.6	33.4	72	<0.1	16.3	8.7	843	2.63	6.0	2.4	0.9	36.7	23	<0.1	0.4	0.4	52	0.30	0.050
1021889	Soil	1.0	27.0	28.3	58	<0.1	22.2	7.5	427	2.70	8.2	2.3	5.1	28.2	27	<0.1	0.6	0.4	59	0.27	0.018
1021890	Soil	0.9	17.0	19.6	51	<0.1	19.8	8.4	339	2.62	7.7	1.3	2.2	13.4	21	<0.1	0.5	0.3	60	0.20	0.022
1021891	Soil	0.9	19.7	17.5	57	<0.1	23.0	9.3	370	3.05	10.6	1.1	3.9	12.0	22	<0.1	0.5	0.2	73	0.18	0.019
1021892	Soil	0.9	22.1	18.3	58	<0.1	26.0	10.6	333	2.94	10.3	0.8	1.4	8.7	19	<0.1	0.5	0.3	70	0.17	0.019
1021893	Soil	1.1	20.9	20.6	71	<0.1	25.0	11.4	398	3.32	12.9	0.7	3.2	8.5	24	0.1	0.5	0.2	78	0.22	0.030
1021894	Soil	1.3	18.4	19.6	58	<0.1	20.9	9.3	310	3.48	11.5	1.0	2.3	6.5	14	0.1	0.6	0.3	78	0.14	0.046
1021895	Soil	1.8	15.7	54.9	59	<0.1	6.0	3.6	561	1.73	10.3	3.7	7.9	28.2	12	<0.1	0.8	3.7	19	0.07	0.018
1021896	Soil	1.2	14.2	27.3	78	<0.1	15.2	10.1	645	2.93	7.5	1.6	0.8	25.6	11	<0.1	0.4	0.5	55	0.10	0.038
1021897	Soil	0.6	17.8	6.9	55	<0.1	15.3	8.0	347	2.84	6.1	0.8	2.1	4.4	28	0.1	0.5	0.1	60	0.31	0.029
1021898	Soil	0.5	40.4	10.0	62	<0.1	28.1	10.3	367	3.08	7.6	2.2	6.4	4.3	37	0.1	0.6	0.2	73	0.48	0.053
1021899	Soil	1.0	28.5	8.0	107	<0.1	21.6	12.7	519	4.61	7.7	0.6	1.7	2.1	33	0.1	0.5	0.1	86	0.40	0.060
1021900	Soil	0.4	34.4	3.0	168	<0.1	9.3	6.0	1083	4.32	2.1	0.4	<0.5	2.2	24	0.2	0.4	<0.1	33	0.47	0.122
1021931	Soil	0.9	21.5	24.4	49	<0.1	25.5	8.8	243	2.83	10.7	3.8	5.2	11.3	20	<0.1	0.5	1.4	69	0.20	0.028
1021932	Soil	0.6	7.9	38.7	35	<0.1	5.9	4.6	611	1.52	6.8	5.2	3.6	19.6	10	<0.1	0.5	1.1	22	0.11	0.159

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1027931	Soil	14	38	2.85	280	0.385	3	4.21	0.012	0.46	<0.1	<0.01	4.7	0.1	<0.05	12	<0.5	<0.2
1027932	Soil	18	38	2.13	242	0.018	1	3.61	0.008	0.10	<0.1	0.01	10.4	<0.1	<0.05	11	<0.5	<0.2
1027933	Soil	8	39	1.48	222	0.187	2	3.15	0.012	0.07	0.1	<0.01	3.1	<0.1	<0.05	8	<0.5	<0.2
1027934	Soil	17	34	2.37	201	0.295	<1	3.51	0.010	0.20	<0.1	<0.01	3.5	<0.1	<0.05	9	<0.5	<0.2
1027935	Soil	3	40	2.63	125	0.252	3	3.19	0.016	0.06	<0.1	0.02	5.7	<0.1	<0.05	8	<0.5	<0.2
1027936	Soil	20	51	1.40	288	0.183	2	2.93	0.029	0.07	<0.1	0.05	8.6	<0.1	<0.05	8	<0.5	<0.2
1027937	Soil	8	43	1.85	215	0.268	1	3.92	0.030	0.08	0.1	<0.01	3.9	<0.1	<0.05	10	<0.5	<0.2
1027938	Soil	16	43	1.41	227	0.188	<1	3.13	0.019	0.15	<0.1	0.02	5.6	<0.1	<0.05	8	0.5	<0.2
1027939	Soil	17	49	0.86	291	0.104	<1	2.81	0.019	0.05	<0.1	0.01	5.9	<0.1	<0.05	8	<0.5	<0.2
1021881	Soil	26	37	0.57	167	0.060	1	1.87	0.014	0.11	0.2	0.02	5.3	<0.1	<0.05	6	<0.5	<0.2
1021882	Soil	7	24	0.34	122	0.022	1	1.66	0.008	0.12	0.2	<0.01	2.0	0.1	<0.05	6	<0.5	<0.2
1021883	Soil	15	26	0.38	207	0.031	<1	1.34	0.009	0.13	0.2	0.01	3.3	0.1	<0.05	4	<0.5	<0.2
1021884	Soil	21	19	0.48	162	0.016	<1	1.53	0.010	0.08	0.7	0.01	1.7	0.2	<0.05	7	<0.5	<0.2
1021885	Soil	36	33	0.63	146	0.051	<1	1.74	0.013	0.11	0.2	0.03	5.8	0.2	<0.05	7	<0.5	<0.2
1021887	Soil	14	37	0.49	252	0.069	<1	1.71	0.010	0.13	0.2	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1021888	Soil	24	29	0.48	214	0.026	<1	1.77	0.009	0.12	0.2	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1021889	Soil	36	39	0.49	243	0.069	<1	1.98	0.017	0.07	0.2	0.05	6.2	0.1	<0.05	6	<0.5	<0.2
1021890	Soil	12	33	0.46	197	0.066	<1	1.69	0.010	0.07	0.2	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1021891	Soil	11	41	0.53	211	0.073	<1	2.14	0.008	0.06	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1021892	Soil	9	39	0.57	205	0.077	<1	2.33	0.010	0.08	0.2	<0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1021893	Soil	8	39	0.57	252	0.076	<1	2.66	0.011	0.08	0.1	0.01	3.0	0.1	<0.05	8	<0.5	<0.2
1021894	Soil	8	32	0.42	162	0.062	<1	2.19	0.009	0.07	0.1	0.01	2.5	0.2	<0.05	8	<0.5	<0.2
1021895	Soil	6	10	0.14	131	0.002	<1	1.29	0.007	0.09	0.3	0.05	1.3	0.3	<0.05	3	<0.5	<0.2
1021896	Soil	6	28	0.42	140	0.030	<1	2.27	0.009	0.08	0.3	<0.01	2.5	0.2	<0.05	7	<0.5	<0.2
1021897	Soil	18	29	0.64	298	0.072	2	1.77	0.012	0.06	0.2	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1021898	Soil	17	41	0.66	448	0.095	<1	1.99	0.021	0.05	0.1	0.06	5.9	<0.1	<0.05	6	0.5	<0.2
1021899	Soil	9	42	0.80	276	0.104	<1	2.84	0.013	0.05	0.1	0.02	4.7	<0.1	<0.05	9	<0.5	<0.2
1021900	Soil	7	9	0.65	249	0.087	<1	2.02	0.008	0.09	<0.1	0.01	5.1	<0.1	<0.05	11	<0.5	<0.2
1021931	Soil	12	39	0.54	249	0.081	1	2.39	0.012	0.04	0.2	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1021932	Soil	13	12	0.14	115	0.007	<1	1.42	0.009	0.04	0.3	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002605.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021933	Soil		1.0	16.8	22.9	71	<0.1	19.5	11.4	683	2.97	9.7	2.6	2.4	16.2	14	0.2	0.5	0.5	64	0.15	0.045
1021934	Soil		0.8	12.2	40.3	62	<0.1	12.5	7.5	596	2.49	8.2	7.1	1.8	26.6	14	<0.1	0.4	0.7	45	0.15	0.044
1021935	Soil		0.4	6.1	72.9	59	<0.1	6.6	5.0	940	1.95	3.4	18.4	3.3	80.8	15	0.1	0.2	1.6	27	0.21	0.042
1021936	Soil		0.4	9.1	43.7	44	<0.1	6.3	4.6	794	1.57	4.0	6.3	1.4	75.3	9	<0.1	0.3	1.2	22	0.10	0.031
1021937	Soil		0.4	9.3	45.7	45	<0.1	6.0	4.6	787	1.56	3.9	6.8	1.4	76.4	9	<0.1	0.2	1.2	20	0.10	0.030
1021938	Soil		0.4	13.6	67.9	59	<0.1	9.9	6.0	1104	1.95	5.0	8.3	2.5	71.4	17	<0.1	0.3	1.8	28	0.22	0.042
1021939	Soil		0.3	6.0	49.0	40	<0.1	5.1	3.1	1049	1.31	8.5	4.8	1.5	68.7	17	<0.1	0.7	0.9	15	0.21	0.029
1021940	Soil		0.8	8.6	36.3	68	<0.1	11.9	7.9	1099	2.31	4.8	6.0	<0.5	53.3	14	<0.1	0.3	4.1	42	0.18	0.054
1021941	Soil		0.2	4.3	39.5	37	<0.1	4.2	3.5	723	1.28	2.7	6.4	<0.5	62.6	16	<0.1	0.2	1.0	18	0.16	0.035
1021942	Soil		0.9	9.6	32.5	50	<0.1	11.0	6.3	373	2.12	7.1	4.5	1.4	46.8	19	<0.1	0.5	1.6	36	0.23	0.051
1021943	Soil		0.7	5.6	69.4	38	<0.1	6.3	5.0	803	1.62	4.7	6.6	1.5	38.1	9	<0.1	0.7	1.1	26	0.12	0.028
1021944	Soil		1.0	20.1	53.8	59	<0.1	9.3	4.7	3764	1.77	4.1	17.5	2.0	96.1	21	<0.1	0.4	0.8	18	0.24	0.011
1021945	Soil		0.8	20.4	51.1	58	<0.1	9.0	4.7	3746	1.84	4.4	17.4	1.7	95.3	21	0.1	0.4	0.7	18	0.26	0.010
1021946	Soil		0.7	5.1	44.1	52	<0.1	6.2	4.3	768	1.50	3.6	17.2	0.6	61.9	14	<0.1	0.4	0.7	22	0.18	0.034
1021947	Soil		0.6	7.2	52.8	56	<0.1	9.2	5.9	920	1.93	4.6	5.5	0.7	80.2	14	<0.1	0.3	0.7	33	0.16	0.038
1021948	Soil		0.9	14.9	26.3	75	<0.1	22.0	10.4	948	2.89	8.3	1.7	2.5	32.0	20	0.1	0.5	0.5	61	0.26	0.049
1021949	Soil		0.2	6.0	49.8	26	<0.1	2.9	2.9	616	0.87	0.9	8.2	0.9	59.1	10	<0.1	0.4	3.8	8	0.11	0.017
1021950	Soil		0.9	14.0	28.4	87	<0.1	19.9	9.5	938	2.74	9.0	3.8	0.7	58.6	17	<0.1	0.4	0.6	58	0.24	0.051
1026786	Soil		0.8	38.5	7.6	93	<0.1	19.7	13.5	554	4.39	7.8	0.9	5.3	3.4	30	<0.1	1.4	0.2	96	0.44	0.055
1026787/1026788	Soil		0.9	27.1	8.3	107	<0.1	18.9	11.4	540	3.93	7.3	0.9	4.1	4.0	31	<0.1	0.6	0.2	74	0.42	0.042
1026789	Soil		0.8	33.1	9.8	74	0.1	29.2	11.6	410	3.34	8.1	1.3	4.1	5.3	28	<0.1	0.5	0.2	68	0.34	0.027
1026790	Soil		1.0	24.3	9.7	90	0.3	12.6	6.8	429	3.04	6.4	0.6	7.7	2.4	25	0.2	0.5	0.2	62	0.39	0.046
1026791	Soil		0.9	57.1	4.6	236	<0.1	17.4	12.5	1069	5.29	4.2	0.9	2.6	4.5	21	0.1	0.8	0.1	61	0.37	0.054
1026792	Soil		1.5	68.8	3.5	65	<0.1	14.6	17.3	568	4.43	7.2	0.3	1.2	0.8	14	0.1	0.3	<0.1	91	0.48	0.194
1026793	Soil		0.7	16.8	6.6	43	<0.1	14.5	8.8	198	2.31	5.4	0.4	2.6	1.8	24	<0.1	0.2	0.1	64	0.38	0.022
1026794	Soil		0.7	46.5	10.0	71	<0.1	20.4	13.0	380	3.64	8.1	1.1	2.9	6.4	27	<0.1	0.6	0.2	79	0.34	0.024
1026796	Soil		0.6	56.3	12.8	83	0.1	11.9	9.0	445	3.12	4.8	1.3	2.3	9.3	25	0.1	0.6	0.2	49	0.50	0.038
1026797	Soil		0.8	20.4	8.1	59	0.2	16.7	10.9	283	3.51	7.6	0.5	2.1	2.6	23	<0.1	0.4	0.1	66	0.31	0.041
1026798	Soil		1.0	59.1	10.8	89	<0.1	19.6	16.3	857	4.16	8.3	1.1	3.7	4.4	28	0.1	0.9	0.1	86	0.48	0.058
1026799	Soil		0.8	25.1	10.1	59	0.3	10.3	12.2	475	2.76	3.2	0.4	1.2	1.8	16	0.1	0.2	0.1	85	0.35	0.043

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Project: PED
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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021933	Soil	15	32	0.55	152	0.064	<1	2.13	0.010	0.06	0.2	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1021934	Soil	19	23	0.39	144	0.033	<1	1.79	0.011	0.05	0.2	0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1021935	Soil	36	14	0.44	62	0.015	<1	1.22	0.009	0.05	0.3	<0.01	2.3	0.1	<0.05	7	<0.5	<0.2
1021936	Soil	41	10	0.30	79	0.005	<1	1.15	0.010	0.06	0.3	<0.01	3.4	0.1	<0.05	5	<0.5	<0.2
1021937	Soil	41	11	0.30	80	0.004	<1	1.15	0.009	0.06	0.3	<0.01	3.5	0.1	<0.05	5	<0.5	<0.2
1021938	Soil	42	15	0.39	87	0.011	<1	1.31	0.014	0.05	0.3	0.02	5.6	0.1	<0.05	6	0.7	<0.2
1021939	Soil	40	6	0.22	83	0.001	<1	0.87	0.007	0.08	0.7	<0.01	3.5	0.2	<0.05	4	<0.5	<0.2
1021940	Soil	32	22	0.52	109	0.047	<1	1.57	0.015	0.11	0.7	0.01	3.6	0.4	<0.05	8	<0.5	<0.2
1021941	Soil	25	8	0.36	101	0.007	<1	0.98	0.008	0.08	0.6	<0.01	3.5	0.3	<0.05	5	<0.5	<0.2
1021942	Soil	19	23	0.35	114	0.021	<1	1.48	0.010	0.08	0.9	<0.01	3.1	0.2	<0.05	5	<0.5	<0.2
1021943	Soil	17	11	0.26	79	0.005	<1	1.29	0.007	0.05	2.1	<0.01	2.0	0.2	<0.05	6	<0.5	<0.2
1021944	Soil	37	6	0.58	64	0.003	<1	1.74	0.008	0.10	1.4	0.09	4.3	0.6	<0.05	9	<0.5	<0.2
1021945	Soil	37	7	0.58	64	0.003	<1	1.72	0.008	0.10	1.4	0.09	4.6	0.6	<0.05	9	<0.5	<0.2
1021946	Soil	31	13	0.31	80	0.011	<1	1.13	0.011	0.07	1.1	<0.01	2.5	0.2	<0.05	5	<0.5	<0.2
1021947	Soil	40	17	0.37	87	0.011	<1	1.61	0.008	0.07	0.7	0.01	2.6	0.3	<0.05	6	<0.5	<0.2
1021948	Soil	14	33	0.64	216	0.070	1	2.07	0.012	0.12	0.2	0.02	4.0	0.3	<0.05	7	<0.5	<0.2
1021949	Soil	28	4	0.20	21	0.001	1	0.68	0.007	0.06	1.0	<0.01	1.3	0.2	<0.05	3	<0.5	<0.2
1021950	Soil	20	30	0.67	119	0.094	<1	1.97	0.010	0.13	0.3	0.01	4.5	0.5	<0.05	8	<0.5	<0.2
1026786	Soil	13	35	0.70	288	0.064	1	2.18	0.016	0.06	0.2	0.07	9.5	<0.1	<0.05	7	<0.5	<0.2
1026787/1026788	Soil	15	36	0.79	464	0.084	2	2.23	0.016	0.06	0.1	0.04	7.2	<0.1	<0.05	8	<0.5	<0.2
1026789	Soil	18	51	0.68	287	0.083	<1	2.05	0.013	0.05	0.1	0.03	6.9	<0.1	<0.05	7	0.5	<0.2
1026790	Soil	15	25	0.38	385	0.036	1	1.78	0.011	0.07	0.1	0.02	4.7	0.1	<0.05	7	<0.5	<0.2
1026791	Soil	31	34	1.07	392	0.094	1	2.56	0.011	0.13	0.1	0.02	11.1	<0.1	<0.05	12	0.5	<0.2
1026792	Soil	2	30	0.62	91	0.073	<1	1.68	0.040	0.04	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1026793	Soil	7	31	0.72	166	0.061	1	1.68	0.010	0.03	<0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1026794	Soil	27	34	0.72	307	0.089	1	2.25	0.015	0.05	<0.1	0.02	6.7	<0.1	<0.05	7	0.6	<0.2
1026796	Soil	40	18	0.46	349	0.013	1	1.81	0.010	0.06	<0.1	0.03	8.1	<0.1	<0.05	5	<0.5	<0.2
1026797	Soil	8	24	0.60	235	0.053	1	2.13	0.014	0.05	0.1	0.02	5.1	<0.1	<0.05	6	<0.5	<0.2
1026798	Soil	15	29	0.71	367	0.051	1	2.01	0.016	0.05	0.1	0.04	8.5	<0.1	<0.05	6	<0.5	<0.2
1026799	Soil	7	25	0.59	174	0.069	<1	1.80	0.025	0.06	<0.1	0.02	4.6	<0.1	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026800	Soil	0.9	41.1	8.8	134	<0.1	21.9	10.2	746	4.14	7.1	0.7	7.9	3.9	27	<0.1	1.0	0.2	70	0.39	0.046
1027656	Soil	0.4	9.6	55.3	98	<0.1	9.5	7.9	1323	2.67	4.0	28.6	<0.5	97.1	15	<0.1	0.2	1.7	43	0.20	0.017
1027657	Soil	1.0	15.3	40.2	60	<0.1	18.5	8.6	341	2.60	10.5	5.1	1.0	20.4	13	<0.1	0.5	1.1	55	0.12	0.027
1027658	Soil	0.4	8.7	62.4	53	<0.1	8.3	5.7	870	1.92	4.7	11.0	1.3	79.0	9	<0.1	0.4	1.4	31	0.08	0.019
1027659	Soil	1.0	16.5	19.8	64	<0.1	21.8	9.8	444	3.05	10.6	2.2	1.3	15.9	15	0.1	0.5	0.9	74	0.14	0.033
1027660	Soil	0.6	18.5	37.4	55	<0.1	17.5	7.1	695	2.36	8.0	9.6	3.9	69.3	22	0.1	0.4	1.6	47	0.20	0.027
1027661	Soil	0.8	17.7	21.2	57	0.1	20.7	9.5	432	2.96	9.2	3.1	6.1	19.4	26	<0.1	0.5	0.6	69	0.25	0.023
1027662	Soil	0.6	14.8	58.4	70	<0.1	11.6	7.1	1329	2.26	12.2	15.2	2.3	72.4	25	<0.1	0.5	1.2	31	0.25	0.053
1027663	Soil	0.7	11.4	42.8	66	<0.1	13.3	7.3	1231	2.45	6.6	6.3	0.7	76.7	15	<0.1	0.3	0.9	40	0.18	0.049
1027664	Soil	0.5	7.2	46.0	46	<0.1	5.9	3.8	668	1.67	5.7	7.9	1.3	63.4	11	<0.1	0.2	1.7	15	0.11	0.034
1027665	Soil	0.7	22.0	27.5	62	<0.1	22.5	9.9	517	2.87	9.6	3.0	2.6	33.9	19	<0.1	0.6	0.6	63	0.18	0.027
1027666	Soil	0.3	5.1	23.4	24	<0.1	2.7	1.7	124	1.18	2.6	2.7	<0.5	24.7	9	<0.1	0.2	0.8	15	0.08	0.011
1027667	Soil	0.3	5.6	24.6	24	<0.1	2.8	1.9	132	1.21	2.8	2.8	1.7	24.9	9	<0.1	0.2	0.9	16	0.07	0.012
1027668	Soil	0.4	7.8	39.3	62	<0.1	6.6	5.8	867	1.88	3.5	10.5	<0.5	91.6	12	<0.1	0.2	1.1	23	0.16	0.045
1027669	Soil	0.8	13.7	66.6	92	<0.1	15.8	7.6	785	2.63	6.8	10.0	0.8	80.7	19	0.2	0.4	1.6	46	0.22	0.047
1027670	Soil	0.8	10.9	48.4	93	<0.1	15.5	8.4	1214	3.01	7.9	12.6	<0.5	109.5	17	<0.1	0.4	3.6	52	0.23	0.066
1027671	Soil	0.4	6.3	41.7	54	<0.1	6.4	4.8	894	1.76	3.0	5.3	<0.5	84.5	9	<0.1	0.3	2.4	25	0.11	0.041
1027672	Soil	0.4	9.6	53.1	50	<0.1	9.0	4.6	1073	1.17	6.9	1.1	0.8	50.7	74	0.4	0.2	2.0	19	0.16	0.031
1027673	Soil	0.6	15.8	32.7	59	<0.1	16.1	7.8	711	2.32	7.0	5.1	1.2	39.0	12	<0.1	0.4	2.2	49	0.12	0.030
1027674	Soil	0.3	7.0	46.2	41	<0.1	6.7	4.0	865	1.38	7.6	6.1	1.1	61.3	13	<0.1	0.3	4.0	17	0.11	0.029
1026801	Soil	0.4	10.9	29.7	45	<0.1	9.1	4.3	638	1.84	4.6	6.9	6.8	42.3	20	<0.1	0.2	2.9	28	0.25	0.019
1026802	Soil	0.6	9.7	26.1	49	<0.1	10.1	5.4	643	1.90	3.7	6.3	2.2	37.8	18	<0.1	0.2	12.5	32	0.23	0.018
1026803	Soil	0.7	16.7	22.0	58	<0.1	17.3	7.9	637	2.64	7.1	4.3	0.6	33.0	26	<0.1	0.4	1.9	49	0.35	0.029
1026804	Soil	0.7	10.2	25.4	55	<0.1	12.9	7.2	872	2.15	5.1	3.3	1.0	30.3	22	<0.1	0.3	2.0	37	0.31	0.031
1022743	Soil	0.7	9.5	22.6	56	<0.1	10.7	6.9	721	2.05	4.0	4.9	<0.5	33.0	28	<0.1	0.3	1.1	38	0.32	0.020
1022744	Soil	0.8	23.4	27.6	57	<0.1	25.9	10.3	553	3.10	12.2	4.4	5.0	34.7	30	<0.1	0.6	1.9	65	0.39	0.029
1022745	Soil	0.6	15.1	40.6	58	<0.1	17.4	6.3	823	2.28	7.6	6.8	1.3	58.0	28	<0.1	0.4	2.9	39	0.32	0.043
1022746	Soil	0.3	8.1	36.1	43	<0.1	6.2	3.5	598	1.61	3.1	9.4	1.0	59.3	9	<0.1	0.2	3.4	22	0.12	0.030
1022748	Soil	0.9	25.5	34.9	64	<0.1	27.2	10.5	580	3.20	12.9	7.6	2.6	40.7	31	0.1	0.5	2.8	67	0.34	0.033
1022750	Soil	0.7	7.8	37.8	55	<0.1	10.1	5.5	858	2.05	3.2	7.2	2.8	35.0	16	<0.1	0.3	5.2	37	0.16	0.033

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002605.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026800	Soil	17	35	0.56	396	0.058	1	1.90	0.018	0.07	0.1	0.05	9.3	<0.1	<0.05	6	<0.5	<0.2
1027656	Soil	39	20	0.64	60	0.133	<1	2.02	0.013	0.12	<0.1	<0.01	6.0	0.5	<0.05	10	<0.5	<0.2
1027657	Soil	10	31	0.41	132	0.048	1	2.22	0.009	0.05	0.3	0.02	2.6	0.1	<0.05	6	<0.5	<0.2
1027658	Soil	37	14	0.35	40	0.017	<1	1.47	0.008	0.04	0.5	<0.01	2.8	0.2	<0.05	6	<0.5	<0.2
1027659	Soil	10	36	0.52	164	0.080	1	2.36	0.012	0.07	0.2	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
1027660	Soil	45	26	0.48	161	0.058	1	1.85	0.017	0.08	0.3	0.03	8.8	0.4	<0.05	7	<0.5	<0.2
1027661	Soil	16	39	0.59	226	0.084	1	2.12	0.016	0.05	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1027662	Soil	49	16	0.40	121	0.019	<1	1.41	0.010	0.07	1.4	0.02	5.2	0.2	<0.05	5	0.5	<0.2
1027663	Soil	38	24	0.55	109	0.021	<1	1.78	0.011	0.08	0.4	<0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1027664	Soil	34	9	0.23	83	0.008	<1	0.99	0.009	0.07	0.8	<0.01	2.5	0.2	<0.05	3	<0.5	<0.2
1027665	Soil	28	37	0.59	136	0.085	1	1.96	0.012	0.07	0.3	0.02	4.5	0.2	<0.05	6	<0.5	<0.2
1027666	Soil	29	6	0.18	34	0.002	<1	1.00	0.005	0.08	2.3	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1027667	Soil	29	7	0.18	35	0.002	<1	1.02	0.006	0.08	2.4	<0.01	1.4	0.2	<0.05	4	<0.5	<0.2
1027668	Soil	52	11	0.41	64	0.018	<1	1.32	0.010	0.17	1.0	0.01	5.2	0.8	<0.05	7	<0.5	<0.2
1027669	Soil	34	23	0.45	122	0.028	<1	2.15	0.012	0.10	0.9	0.01	4.0	0.3	<0.05	8	<0.5	<0.2
1027670	Soil	41	28	0.66	94	0.092	<1	2.07	0.013	0.18	0.8	<0.01	6.2	0.6	<0.05	9	<0.5	<0.2
1027671	Soil	43	11	0.36	55	0.017	<1	1.11	0.010	0.09	1.3	<0.01	3.9	0.3	<0.05	6	<0.5	<0.2
1027672	Soil	27	9	0.18	117	0.009	2	0.69	0.008	0.14	0.2	0.01	4.2	0.5	<0.05	4	<0.5	<0.2
1027673	Soil	26	30	0.46	111	0.065	<1	1.61	0.012	0.09	0.2	0.01	3.8	0.3	<0.05	6	<0.5	<0.2
1027674	Soil	19	10	0.19	70	0.006	<1	0.79	0.007	0.06	0.6	0.03	2.9	0.1	<0.05	3	<0.5	<0.2
1026801	Soil	28	15	0.39	121	0.024	1	1.38	0.012	0.22	0.3	<0.01	3.2	0.4	0.16	6	<0.5	<0.2
1026802	Soil	24	17	0.42	120	0.029	<1	1.29	0.012	0.13	0.3	<0.01	2.7	0.3	0.15	6	<0.5	<0.2
1026803	Soil	28	29	0.56	159	0.066	2	1.70	0.014	0.17	0.2	<0.01	4.3	0.2	0.15	6	<0.5	<0.2
1026804	Soil	18	20	0.41	244	0.047	1	1.46	0.011	0.20	0.2	<0.01	3.1	0.3	0.14	5	<0.5	<0.2
1022743	Soil	20	20	0.46	198	0.050	2	1.47	0.014	0.14	0.2	<0.01	3.1	0.3	0.13	6	<0.5	<0.2
1022744	Soil	26	41	0.59	143	0.096	2	2.07	0.017	0.22	0.2	0.03	5.6	0.3	0.10	7	<0.5	<0.2
1022745	Soil	34	24	0.50	105	0.050	2	1.56	0.011	0.23	0.5	0.01	4.8	0.5	0.07	6	<0.5	<0.2
1022746	Soil	32	11	0.38	24	0.020	<1	1.16	0.011	0.13	0.4	<0.01	2.6	0.4	0.07	5	<0.5	<0.2
1022748	Soil	27	46	0.65	151	0.096	2	2.49	0.014	0.16	0.2	0.02	6.2	0.3	0.07	8	<0.5	<0.2
1022750	Soil	11	18	0.35	119	0.033	<1	1.55	0.014	0.11	0.6	<0.01	2.3	0.4	<0.05	6	<0.5	<0.2

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CERTIFICATE OF ANALYSIS VAN11002605.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022895	Soil		3.7	16.1	36.1	65	<0.1	11.0	12.0	601	2.36	13.6	10.3	1.3	39.8	14	0.1	0.3	1.4	33	0.15	0.074
1011001	Soil		0.8	9.4	45.3	53	<0.1	8.8	4.9	517	2.18	7.6	5.5	<0.5	46.6	21	<0.1	0.5	3.2	33	0.20	0.032
1011002	Soil		0.6	7.6	30.8	71	<0.1	11.3	7.5	856	2.81	5.9	4.9	1.6	48.1	18	<0.1	0.2	0.4	49	0.23	0.040
1011003	Soil		0.7	10.5	43.6	71	<0.1	14.4	9.7	932	3.01	7.6	6.5	1.5	41.9	23	0.1	0.5	0.6	54	0.31	0.074
1011004	Soil		1.0	26.4	19.4	74	<0.1	26.3	12.3	488	3.48	9.7	2.1	3.6	26.5	31	<0.1	0.6	0.3	76	0.35	0.043
1011005	Soil		0.9	17.5	21.9	66	<0.1	28.3	12.9	517	3.24	11.2	1.2	1.5	15.0	29	<0.1	0.6	0.2	69	0.26	0.029
1011006	Soil		1.1	19.6	22.4	62	<0.1	20.0	10.1	457	3.24	10.0	3.1	7.4	35.2	20	<0.1	0.6	0.3	70	0.18	0.025
1011007	Soil		0.9	9.9	30.8	79	<0.1	17.7	8.3	617	3.34	9.8	4.6	0.8	40.2	16	<0.1	0.6	0.5	71	0.16	0.056
1011008	Soil		1.2	14.3	32.6	64	<0.1	19.5	10.1	709	3.11	11.3	3.1	4.5	31.5	18	0.1	0.5	0.4	64	0.18	0.039
1011009	Soil		0.6	11.3	29.3	64	<0.1	15.9	8.7	689	2.74	6.2	3.0	2.3	33.8	15	0.2	0.4	0.4	57	0.18	0.061
1011010	Soil		0.7	12.2	34.1	59	<0.1	17.6	8.3	436	2.81	6.6	2.4	3.9	31.6	17	<0.1	0.4	0.6	49	0.22	0.051
1011011	Soil		0.9	7.3	42.6	48	<0.1	6.5	5.5	542	2.29	7.1	4.5	7.6	27.4	9	0.2	0.7	0.8	36	0.11	0.045
1011012	Soil		0.7	8.4	30.4	64	<0.1	10.5	5.2	612	1.82	4.7	8.7	7.5	25.4	22	0.2	0.3	0.9	32	0.39	0.050
1011013	Soil		1.0	18.8	20.9	64	<0.1	18.7	9.5	458	2.86	10.1	7.2	3.8	37.1	29	0.1	0.5	0.6	67	0.33	0.033
1011014	Soil		1.0	14.4	23.1	63	<0.1	17.0	12.2	547	2.93	9.1	4.1	3.7	31.8	25	0.1	0.4	0.7	65	0.26	0.037
1011015	Soil		1.3	19.6	29.9	66	<0.1	19.2	10.2	566	3.49	11.4	6.9	12.8	44.8	31	0.1	0.6	0.9	72	0.32	0.028
1011016	Soil		0.9	14.2	18.2	53	<0.1	18.1	7.6	331	2.92	9.5	2.1	4.9	13.0	27	0.1	0.4	0.7	65	0.31	0.047
1011017	Soil		0.6	23.8	17.0	56	<0.1	20.0	8.5	456	2.88	8.3	3.8	3.2	18.0	33	<0.1	0.5	0.6	64	0.36	0.040
1011018	Soil		0.8	19.0	18.1	59	<0.1	20.0	10.2	424	2.84	8.0	2.5	4.6	18.9	26	<0.1	0.5	0.4	60	0.30	0.045
1011019	Soil		0.6	15.9	28.3	51	<0.1	14.1	6.8	486	2.34	5.8	4.0	4.1	32.8	24	<0.1	0.5	0.6	50	0.32	0.043
1011020	Soil		0.9	27.8	41.0	83	<0.1	24.6	11.2	874	3.33	10.1	4.6	3.1	72.1	41	0.1	0.5	0.9	71	0.45	0.057
1011026	Soil		0.8	23.5	20.8	59	<0.1	29.6	12.4	383	3.43	12.3	2.3	2.0	20.0	35	<0.1	0.6	0.3	75	0.32	0.022
1011027	Soil		0.9	9.8	22.4	61	<0.1	14.4	10.0	654	2.60	4.8	2.1	1.5	21.3	23	<0.1	0.5	0.5	57	0.25	0.034
1011028	Soil		0.7	4.1	42.1	20	<0.1	4.9	2.9	569	1.46	3.3	2.3	1.5	18.1	13	<0.1	0.6	0.8	26	0.10	0.011
1011029	Soil		0.9	7.8	39.0	62	<0.1	12.3	6.8	795	2.78	5.6	4.5	0.8	40.5	18	<0.1	0.3	1.2	47	0.18	0.035
1011030	Soil		0.4	5.0	51.8	84	<0.1	9.1	7.1	1505	2.47	1.7	13.4	<0.5	73.4	11	<0.1	0.2	3.0	39	0.19	0.051
1011031	Soil		0.5	5.7	58.5	54	<0.1	6.9	5.2	1052	1.98	5.3	6.0	<0.5	69.7	13	<0.1	0.7	2.7	23	0.15	0.035
1011032	Soil		0.1	3.5	28.2	51	<0.1	4.3	3.5	1141	1.23	<0.5	3.0	0.7	47.2	15	<0.1	0.1	0.6	10	0.26	0.015
1011033	Soil		0.7	10.7	39.6	59	<0.1	10.9	6.1	649	2.31	5.2	4.8	<0.5	60.0	16	<0.1	0.4	1.9	42	0.18	0.033
1011034	Soil		0.7	9.9	41.0	57	<0.1	10.2	6.2	714	2.28	4.7	5.2	<0.5	63.9	14	<0.1	0.4	2.0	37	0.17	0.033

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022895	Soil	8	17	0.34	131	0.018	<1	1.79	0.010	0.13	0.2	0.02	1.8	0.2	<0.05	5	<0.5	<0.2
1011001	Soil	34	15	0.58	86	0.009	<1	1.85	0.007	0.06	1.1	<0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1011002	Soil	24	23	0.80	82	0.068	<1	2.19	0.018	0.13	1.0	<0.01	3.2	0.4	<0.05	8	<0.5	<0.2
1011003	Soil	36	24	0.59	137	0.045	<1	1.94	0.012	0.07	1.2	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1011004	Soil	18	45	0.89	232	0.122	1	2.42	0.021	0.08	0.2	<0.01	4.2	0.2	<0.05	7	<0.5	<0.2
1011005	Soil	10	38	0.73	267	0.088	1	2.78	0.014	0.06	0.2	<0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1011006	Soil	26	44	0.60	170	0.102	1	2.42	0.013	0.09	0.2	0.02	4.7	0.2	<0.05	7	<0.5	<0.2
1011007	Soil	12	28	0.56	121	0.057	<1	2.70	0.011	0.06	0.2	0.02	2.6	0.2	<0.05	10	<0.5	<0.2
1011008	Soil	21	33	0.62	181	0.063	2	2.61	0.012	0.08	0.2	0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1011009	Soil	21	26	0.66	112	0.086	1	2.18	0.012	0.11	0.2	<0.01	3.4	0.3	<0.05	8	<0.5	<0.2
1011010	Soil	15	27	0.52	114	0.054	2	2.26	0.010	0.08	0.4	0.02	2.9	0.3	<0.05	7	0.6	<0.2
1011011	Soil	6	15	0.27	61	0.022	<1	1.45	0.009	0.05	0.8	<0.01	2.1	0.2	<0.05	6	<0.5	<0.2
1011012	Soil	14	19	0.42	137	0.028	2	1.30	0.013	0.06	0.3	<0.01	2.5	0.2	<0.05	5	<0.5	<0.2
1011013	Soil	35	35	0.58	195	0.083	2	2.34	0.018	0.06	0.1	0.03	4.1	0.2	<0.05	7	<0.5	<0.2
1011014	Soil	20	35	0.55	162	0.088	2	2.13	0.014	0.06	0.2	0.02	3.7	0.2	<0.05	6	0.5	<0.2
1011015	Soil	40	43	0.62	266	0.084	<1	2.89	0.016	0.06	0.2	0.04	6.7	0.3	<0.05	8	<0.5	<0.2
1011016	Soil	16	33	0.59	217	0.082	2	2.17	0.016	0.05	0.2	0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1011017	Soil	23	36	0.59	239	0.101	2	1.91	0.022	0.05	0.3	0.04	6.1	0.1	<0.05	6	<0.5	<0.2
1011018	Soil	19	34	0.57	191	0.089	1	2.17	0.014	0.05	0.2	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1011019	Soil	30	26	0.51	138	0.085	1	1.60	0.017	0.06	0.5	0.01	4.0	0.2	<0.05	6	<0.5	<0.2
1011020	Soil	33	39	0.89	139	0.111	1	2.28	0.016	0.10	0.3	0.01	6.5	0.2	<0.05	8	<0.5	<0.2
1011026	Soil	20	47	0.66	271	0.108	2	2.44	0.014	0.10	0.1	0.02	6.7	<0.1	<0.05	7	<0.5	<0.2
1011027	Soil	12	24	0.59	193	0.071	<1	2.02	0.016	0.05	0.2	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1011028	Soil	11	10	0.19	91	0.010	<1	0.98	0.008	0.10	0.6	<0.01	1.0	0.2	<0.05	3	<0.5	<0.2
1011029	Soil	12	24	0.59	113	0.063	2	1.99	0.014	0.12	0.3	<0.01	3.5	0.5	<0.05	7	<0.5	<0.2
1011030	Soil	37	15	0.73	75	0.069	<1	1.44	0.011	0.32	0.4	<0.01	4.7	1.0	0.07	9	<0.5	<0.2
1011031	Soil	21	10	0.47	116	0.004	<1	1.30	0.012	0.08	0.9	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1011032	Soil	15	3	0.52	42	<0.001	<1	1.24	0.003	0.05	0.5	0.02	2.3	0.1	<0.05	4	<0.5	<0.2
1011033	Soil	28	20	0.46	78	0.018	<1	1.82	0.009	0.05	0.3	0.02	2.9	0.2	<0.05	7	<0.5	<0.2
1011034	Soil	29	18	0.47	69	0.014	<1	1.71	0.010	0.05	0.3	0.01	2.8	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002605.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011035	Soil	0.4	6.8	41.5	53	<0.1	6.2	4.1	556	1.98	4.0	3.2	<0.5	63.8	26	<0.1	0.3	1.8	26	0.34	0.039
1011036	Soil	0.6	18.3	54.2	37	<0.1	5.5	3.4	421	1.40	3.9	4.2	<0.5	49.2	7	<0.1	0.9	1.8	19	0.10	0.023
1012951	Soil	0.4	2.9	66.9	75	<0.1	5.6	5.0	1764	1.98	0.9	11.9	<0.5	92.9	15	0.2	0.7	0.6	19	0.28	0.064
1012952	Soil	0.6	5.4	48.2	62	<0.1	8.1	5.0	940	1.99	2.7	12.1	1.1	93.4	18	<0.1	0.4	1.7	28	0.22	0.046
1027851	Soil	0.8	7.4	37.1	67	<0.1	12.7	7.2	1032	2.37	5.4	3.2	<0.5	39.3	19	<0.1	0.3	0.8	43	0.27	0.049
1027852	Soil	0.6	8.6	37.6	59	<0.1	11.3	5.8	724	2.12	5.2	3.9	1.0	59.8	18	<0.1	0.3	0.5	35	0.24	0.041
1027853	Soil	<0.1	7.2	28.0	23	<0.1	6.1	2.1	682	0.74	1.5	4.1	1.0	66.6	9	0.1	0.2	2.6	6	0.36	0.039
1027854	Soil	<0.1	12.5	24.1	22	0.2	7.1	2.0	634	0.75	2.3	3.7	1.6	62.4	15	<0.1	0.2	1.7	7	0.68	0.023
1027855	Soil	0.3	5.8	45.4	60	<0.1	7.4	4.4	952	1.94	1.6	7.6	<0.5	86.8	11	<0.1	0.2	1.6	29	0.21	0.052
1027859	Soil	0.9	5.6	39.7	65	<0.1	11.2	6.8	1254	2.20	3.3	4.5	0.5	48.0	17	<0.1	0.3	0.9	28	0.29	0.063
1027860	Soil	0.9	7.8	32.4	48	<0.1	10.9	6.1	535	2.01	6.6	2.1	0.8	33.5	25	<0.1	0.4	0.8	34	0.25	0.030
1027861	Soil	0.4	5.4	49.7	43	<0.1	6.6	5.0	576	1.66	2.9	3.3	2.8	38.4	18	<0.1	0.3	2.6	17	0.24	0.038
1027862	Soil	0.6	18.9	28.8	58	<0.1	18.8	8.1	443	2.50	6.5	2.7	2.3	29.8	22	<0.1	0.5	1.0	48	0.21	0.016
1027863	Soil	0.3	9.9	41.6	56	<0.1	11.8	6.1	718	1.97	3.3	4.0	1.7	41.3	17	<0.1	0.4	1.5	29	0.17	0.015
1027864	Soil	1.1	25.2	24.3	61	<0.1	23.2	8.6	374	3.09	9.9	4.6	3.4	47.8	20	<0.1	0.8	0.4	66	0.16	0.018
1027865	Soil	0.5	6.2	57.6	62	<0.1	8.4	5.4	757	1.92	1.6	10.4	1.1	72.1	18	<0.1	0.3	1.8	27	0.30	0.069
1027866	Soil	0.6	13.5	33.2	70	<0.1	15.1	7.4	823	2.58	4.7	7.4	1.6	52.0	24	<0.1	0.4	1.4	47	0.26	0.036
1027867	Soil	0.7	15.9	29.7	65	<0.1	16.7	8.7	630	2.81	5.8	8.0	3.3	43.1	27	<0.1	0.5	1.2	53	0.27	0.031
1027868	Soil	0.6	19.6	26.8	61	<0.1	20.4	9.2	675	2.68	6.9	6.6	2.9	66.6	28	<0.1	0.5	0.9	55	0.31	0.042
1027869	Soil	0.9	30.8	18.9	55	<0.1	22.4	9.4	452	3.11	10.1	5.6	3.2	25.3	39	<0.1	0.7	0.6	68	0.35	0.028
1027870	Soil	0.8	8.7	43.3	78	<0.1	12.1	7.9	1091	2.70	4.0	3.8	1.8	62.5	13	<0.1	0.4	3.3	44	0.20	0.059
1027871	Soil	0.3	6.4	39.4	45	<0.1	4.6	2.9	365	1.58	2.1	2.7	<0.5	52.3	21	<0.1	0.3	1.3	13	0.33	0.021
1027872	Soil	0.5	10.4	64.3	66	<0.1	9.5	5.8	1120	2.43	2.3	6.9	1.4	113.8	24	<0.1	0.3	1.3	34	0.29	0.059
1027873	Soil	0.6	11.3	41.8	56	<0.1	13.1	7.6	986	2.21	4.5	4.7	<0.5	49.0	17	<0.1	0.3	0.6	35	0.21	0.054
1027874	Soil	0.6	9.9	45.4	54	<0.1	10.7	5.7	509	2.27	3.9	4.2	1.5	25.4	15	<0.1	0.4	0.8	37	0.17	0.032
1027875	Soil	0.6	12.2	30.8	66	<0.1	15.3	7.4	603	2.64	4.0	3.0	2.1	41.8	20	<0.1	0.3	0.5	45	0.27	0.039
1027876	Soil	0.7	8.6	68.9	68	<0.1	10.5	6.1	1069	2.32	3.5	6.7	1.6	47.6	18	<0.1	0.3	0.9	32	0.27	0.060
1027877	Soil	0.7	12.2	36.0	66	<0.1	15.8	9.0	511	2.79	5.6	2.6	2.1	34.1	23	<0.1	0.5	0.5	50	0.28	0.052
1027878	Soil	0.4	10.2	33.6	55	<0.1	11.6	6.5	630	2.09	3.4	4.1	2.3	40.4	17	<0.1	0.3	0.5	43	0.25	0.050
1027879	Soil	0.5	9.9	33.4	68	<0.1	13.3	7.4	751	2.45	2.7	3.4	1.5	49.1	21	<0.1	0.3	0.5	42	0.30	0.045

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Project: PED
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011035	Soil	36	11	0.57	100	0.013	<1	2.04	0.009	0.11	0.8	0.01	4.1	0.5	<0.05	7	<0.5	<0.2
1011036	Soil	15	9	0.17	73	0.004	<1	0.99	0.006	0.04	2.5	<0.01	2.8	0.1	<0.05	4	<0.5	<0.2
1012951	Soil	53	9	0.54	55	0.002	<1	1.27	0.012	0.04	1.6	<0.01	2.8	0.1	<0.05	7	<0.5	<0.2
1012952	Soil	48	14	0.47	86	0.031	1	1.52	0.011	0.19	0.9	<0.01	3.9	0.7	<0.05	7	0.6	<0.2
1027851	Soil	11	18	0.57	123	0.042	<1	1.82	0.014	0.20	0.7	<0.01	3.6	0.5	<0.05	7	<0.5	<0.2
1027852	Soil	20	18	0.48	145	0.025	<1	1.48	0.009	0.15	0.5	0.02	3.7	0.3	<0.05	6	<0.5	<0.2
1027853	Soil	40	3	0.20	16	<0.001	<1	0.62	0.005	0.05	1.7	0.02	1.1	0.1	<0.05	3	<0.5	<0.2
1027854	Soil	61	4	0.16	15	<0.001	<1	0.63	0.005	0.05	1.2	0.05	1.3	0.2	<0.05	2	1.1	<0.2
1027855	Soil	32	11	0.49	34	0.046	<1	1.14	0.011	0.12	0.8	<0.01	3.3	0.4	<0.05	6	<0.5	<0.2
1027859	Soil	12	17	0.47	120	0.013	<1	1.36	0.012	0.09	0.5	<0.01	2.1	0.1	<0.05	5	<0.5	<0.2
1027860	Soil	13	17	0.37	166	0.013	<1	1.57	0.010	0.11	0.8	<0.01	2.5	0.2	<0.05	5	<0.5	<0.2
1027861	Soil	11	10	0.38	120	0.011	1	1.30	0.008	0.10	2.1	<0.01	1.8	0.2	<0.05	4	<0.5	<0.2
1027862	Soil	13	27	0.52	165	0.046	1	1.84	0.014	0.07	0.5	0.01	2.8	0.2	<0.05	6	<0.5	<0.2
1027863	Soil	15	16	0.48	125	0.025	<1	1.51	0.012	0.08	0.9	0.02	2.6	0.3	<0.05	6	<0.5	<0.2
1027864	Soil	33	38	0.61	180	0.072	<1	2.53	0.013	0.07	0.2	0.04	3.5	0.2	<0.05	7	0.7	<0.2
1027865	Soil	60	13	0.59	80	0.008	<1	1.55	0.009	0.07	0.7	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1027866	Soil	32	25	0.67	144	0.060	1	1.67	0.012	0.07	0.3	0.01	4.7	0.2	<0.05	6	<0.5	<0.2
1027867	Soil	35	31	0.69	170	0.076	<1	1.92	0.017	0.09	0.4	0.02	5.3	0.2	<0.05	7	<0.5	<0.2
1027868	Soil	35	28	0.66	175	0.075	<1	1.90	0.015	0.07	0.3	0.04	4.4	0.2	<0.05	6	<0.5	<0.2
1027869	Soil	29	37	0.62	218	0.093	<1	2.09	0.020	0.06	0.2	0.06	6.1	0.1	<0.05	6	1.0	<0.2
1027870	Soil	30	20	0.67	114	0.054	<1	1.87	0.011	0.14	0.5	0.01	3.4	0.4	<0.05	8	<0.5	<0.2
1027871	Soil	20	8	0.54	101	<0.001	<1	1.64	0.007	0.04	1.7	<0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1027872	Soil	64	15	0.70	108	0.021	<1	1.83	0.016	0.10	0.5	<0.01	5.3	0.5	<0.05	8	<0.5	<0.2
1027873	Soil	27	18	0.45	158	0.037	<1	1.51	0.009	0.09	0.6	0.01	3.1	0.2	<0.05	5	<0.5	<0.2
1027874	Soil	14	17	0.45	116	0.030	<1	1.68	0.010	0.05	0.6	0.02	2.3	0.1	<0.05	5	0.7	<0.2
1027875	Soil	24	22	0.64	132	0.066	<1	2.02	0.011	0.10	0.2	0.01	3.9	0.4	<0.05	7	<0.5	<0.2
1027876	Soil	31	16	0.43	111	0.019	<1	1.65	0.010	0.06	0.5	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1027877	Soil	17	25	0.58	126	0.066	<1	2.08	0.012	0.09	0.3	<0.01	3.5	0.3	<0.05	7	<0.5	<0.2
1027878	Soil	20	20	0.49	107	0.070	1	1.57	0.020	0.09	0.3	<0.01	3.1	0.3	<0.05	5	<0.5	<0.2
1027879	Soil	29	20	0.67	135	0.074	<1	1.89	0.014	0.13	0.2	<0.01	4.0	0.5	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1027880	Soil	0.6	26.3	20.2	52	<0.1	19.7	9.4	372	2.66	7.9	6.9	3.3	31.3	24	<0.1	0.6	0.4	57	0.22	0.018
1027881	Soil	1.0	9.7	26.1	52	<0.1	10.4	5.7	546	2.62	8.9	2.5	0.5	20.3	16	<0.1	0.4	0.8	52	0.20	0.076
1027882	Soil	0.7	17.9	22.7	56	<0.1	19.9	8.6	393	2.82	8.9	3.3	2.3	39.1	22	<0.1	0.5	0.5	59	0.20	0.020
1027883	Soil	0.8	8.8	33.7	53	<0.1	9.5	5.2	464	2.20	6.7	2.9	<0.5	33.5	12	<0.1	0.4	0.7	38	0.14	0.021
1027884	Soil	1.2	6.9	31.7	73	<0.1	9.7	11.4	2068	2.69	3.9	3.2	0.9	41.3	20	0.1	0.2	0.7	49	0.32	0.113
1027885	Soil	0.8	6.7	48.1	56	<0.1	7.3	5.7	545	1.96	9.8	9.1	<0.5	19.1	18	<0.1	0.3	0.7	28	0.09	0.038
1027886	Soil	0.6	19.8	14.8	52	<0.1	22.0	8.7	390	2.59	7.6	5.2	2.7	40.0	19	<0.1	0.5	0.4	56	0.22	0.029
1027887	Soil	0.7	14.0	23.5	58	<0.1	16.6	7.5	472	2.55	6.7	2.8	46.3	31.5	18	<0.1	0.4	1.1	52	0.22	0.040
1027888	Soil	0.5	14.5	24.6	60	<0.1	16.2	7.7	516	2.54	5.7	3.1	2.4	34.4	17	<0.1	0.4	1.2	50	0.21	0.042
1027889	Soil	0.8	17.7	19.8	60	<0.1	23.4	9.7	497	2.83	7.7	3.4	1.6	25.5	20	<0.1	0.5	0.3	58	0.24	0.043
1027890	Soil	0.8	14.8	31.6	61	<0.1	15.3	7.3	532	2.52	6.6	4.1	<0.5	39.3	16	<0.1	0.4	0.7	47	0.16	0.032
1029636	Soil	0.5	24.4	5.0	69	<0.1	22.3	18.1	551	3.49	4.3	0.3	<0.5	3.2	26	<0.1	0.3	<0.1	78	0.40	0.048
1029637	Soil	0.5	31.4	4.8	79	<0.1	28.8	21.6	704	4.32	5.8	0.4	<0.5	5.3	34	<0.1	0.4	<0.1	95	0.52	0.061
1029638	Soil	0.6	20.0	5.9	52	<0.1	19.0	11.1	418	2.63	7.5	0.4	<0.5	2.8	20	<0.1	0.5	0.1	59	0.27	0.036
1029639	Soil	0.7	30.9	5.9	75	<0.1	15.7	16.6	550	4.02	6.1	0.6	0.7	5.2	29	<0.1	0.3	<0.1	84	0.36	0.057
1029808	Soil	0.7	15.2	8.1	54	<0.1	20.7	14.2	601	3.53	6.0	1.0	1.6	6.2	25	<0.1	0.5	0.1	67	0.44	0.033
1029809	Soil	0.6	8.5	5.3	58	<0.1	12.3	14.5	605	3.58	3.1	0.8	1.0	5.8	26	<0.1	0.3	<0.1	74	0.41	0.032
1029810	Soil	0.6	16.3	6.0	54	<0.1	17.7	12.4	461	3.34	6.9	0.7	<0.5	5.6	29	<0.1	0.3	0.1	76	0.42	0.028
1029811	Soil	0.7	18.3	7.0	81	<0.1	21.2	15.6	601	3.62	6.2	0.9	<0.5	9.6	23	<0.1	0.5	0.1	87	0.40	0.031
1029812	Soil	0.8	16.6	7.3	43	<0.1	15.3	10.1	474	2.75	4.4	0.6	1.3	4.1	20	<0.1	0.4	0.1	51	0.32	0.023
1029813	Soil	0.6	33.1	8.2	69	<0.1	19.9	17.3	822	4.45	6.5	0.8	1.8	7.4	25	<0.1	0.5	0.1	80	0.32	0.031
1029816	Soil	0.6	17.1	6.9	85	<0.1	22.0	19.6	848	4.53	6.1	0.8	<0.5	6.3	31	<0.1	0.4	<0.1	98	0.51	0.047
1029817	Soil	0.4	18.4	5.3	74	<0.1	18.8	19.4	652	4.35	4.3	1.3	<0.5	7.3	37	<0.1	0.3	<0.1	104	0.64	0.067
1029839	Soil	0.8	18.0	8.0	71	<0.1	20.9	15.7	488	3.81	9.1	0.7	1.6	4.6	23	0.2	0.5	0.2	86	0.24	0.036
1029840	Soil	0.9	28.8	12.1	153	<0.1	19.0	44.2	976	3.95	4.3	1.0	1.0	3.5	61	0.2	0.3	<0.1	89	0.58	0.065
1029841	Soil	0.6	29.5	8.2	77	<0.1	27.5	11.7	420	3.34	8.9	0.9	<0.5	9.0	21	<0.1	0.6	0.1	69	0.20	0.023
1029842	Soil	3.9	47.8	18.0	94	<0.1	19.6	11.3	415	4.44	4.0	1.7	<0.5	8.7	40	<0.1	0.3	0.1	75	0.19	0.044
1029843	Soil	0.6	27.1	7.3	74	<0.1	23.2	16.0	553	3.91	7.8	0.5	0.7	4.0	25	<0.1	0.4	0.1	90	0.38	0.052
1029844	Soil	0.5	28.8	5.3	72	<0.1	16.9	17.2	660	4.31	5.1	0.3	0.7	3.6	17	<0.1	0.3	<0.1	102	0.25	0.041
1029845	Soil	0.8	20.8	8.9	53	<0.1	22.6	9.8	271	2.91	9.6	0.6	0.9	5.3	22	<0.1	0.6	0.1	64	0.21	0.028

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002605.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1027880	Soil	31	35	0.55	228	0.070	3	1.80	0.012	0.05	0.1	0.04	6.2	0.1	<0.05	5	0.5	<0.2
1027881	Soil	12	20	0.40	120	0.048	3	1.33	0.007	0.06	0.3	0.03	2.4	0.1	<0.05	6	0.5	<0.2
1027882	Soil	25	34	0.58	223	0.063	2	2.27	0.011	0.05	0.1	0.04	3.8	0.2	<0.05	6	<0.5	<0.2
1027883	Soil	11	17	0.39	100	0.035	2	1.59	0.007	0.05	0.2	<0.01	3.0	0.3	<0.05	5	<0.5	<0.2
1027884	Soil	23	22	0.59	147	0.089	2	1.44	0.011	0.14	0.2	0.01	3.5	0.4	<0.05	8	<0.5	<0.2
1027885	Soil	14	15	0.23	74	0.009	3	1.18	0.011	0.08	0.2	<0.01	1.8	0.2	<0.05	3	<0.5	<0.2
1027886	Soil	30	33	0.60	219	0.074	3	1.89	0.011	0.05	0.2	0.01	4.3	0.2	<0.05	5	<0.5	<0.2
1027887	Soil	16	27	0.58	143	0.080	<1	1.83	0.010	0.07	0.3	0.03	3.4	0.3	<0.05	6	<0.5	<0.2
1027888	Soil	16	27	0.56	137	0.075	2	1.74	0.010	0.07	0.2	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1027889	Soil	17	33	0.60	210	0.070	4	2.06	0.013	0.07	0.2	<0.01	3.7	0.2	<0.05	6	<0.5	<0.2
1027890	Soil	34	26	0.53	135	0.037	2	1.96	0.012	0.06	0.2	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1029636	Soil	6	39	1.59	169	0.185	3	2.38	0.014	0.41	0.2	<0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1029637	Soil	11	47	1.95	268	0.247	3	2.86	0.013	0.67	0.1	<0.01	2.8	0.2	<0.05	8	<0.5	<0.2
1029638	Soil	7	30	0.75	234	0.114	3	1.56	0.012	0.27	0.2	0.02	2.4	0.1	<0.05	5	<0.5	<0.2
1029639	Soil	8	25	1.04	131	0.128	2	2.34	0.013	0.31	<0.1	<0.01	3.7	<0.1	<0.05	9	<0.5	<0.2
1029808	Soil	17	31	0.72	463	0.050	2	1.81	0.011	0.16	<0.1	0.04	5.4	<0.1	<0.05	5	<0.5	<0.2
1029809	Soil	15	24	1.15	260	0.086	2	1.99	0.010	0.25	<0.1	<0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1029810	Soil	15	34	0.92	239	0.104	2	2.14	0.012	0.12	0.1	0.02	5.3	<0.1	<0.05	7	<0.5	<0.2
1029811	Soil	21	40	1.22	274	0.132	2	2.37	0.013	0.21	0.1	<0.01	6.7	0.1	<0.05	8	<0.5	<0.2
1029812	Soil	14	22	0.55	449	0.027	1	1.72	0.009	0.19	0.1	0.01	4.0	0.1	<0.05	5	<0.5	<0.2
1029813	Soil	16	30	1.23	240	0.091	3	2.57	0.017	0.13	0.1	0.01	6.6	<0.1	<0.05	8	<0.5	<0.2
1029816	Soil	17	40	1.59	247	0.172	1	2.96	0.013	0.28	<0.1	0.01	5.8	<0.1	<0.05	9	<0.5	<0.2
1029817	Soil	19	34	1.63	277	0.170	<1	2.76	0.018	0.23	<0.1	0.01	7.0	<0.1	<0.05	9	0.7	<0.2
1029839	Soil	9	33	1.08	228	0.169	1	2.94	0.015	0.22	0.1	<0.01	3.8	0.1	<0.05	8	<0.5	<0.2
1029840	Soil	9	23	1.33	233	0.208	<1	3.66	0.020	0.07	<0.1	<0.01	3.7	<0.1	<0.05	8	0.6	<0.2
1029841	Soil	13	47	1.05	161	0.174	1	2.34	0.014	0.14	0.1	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
1029842	Soil	9	48	1.25	169	0.150	<1	3.06	0.014	0.19	<0.1	0.01	3.6	0.1	<0.05	9	1.3	<0.2
1029843	Soil	12	35	1.22	284	0.188	<1	2.57	0.016	0.09	<0.1	<0.01	3.4	<0.1	<0.05	8	0.5	<0.2
1029844	Soil	7	25	1.50	244	0.301	<1	2.76	0.013	0.85	<0.1	<0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1029845	Soil	12	34	0.64	198	0.084	1	1.92	0.013	0.09	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002605.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029846	Soil		0.6	18.9	5.4	55	<0.1	17.2	12.7	381	3.12	6.6	0.4	0.5	3.9	24	<0.1	0.4	<0.1	72	0.30	0.027
1029847	Soil		0.5	18.5	4.2	68	<0.1	18.9	14.5	538	3.61	4.8	0.4	1.1	4.4	17	<0.1	0.3	<0.1	85	0.28	0.056
1029848	Soil		0.5	14.4	6.0	54	<0.1	18.9	13.7	568	3.10	5.0	0.5	<0.5	4.9	31	<0.1	0.4	<0.1	69	0.42	0.027
1029849	Soil		0.5	17.4	5.3	79	<0.1	18.2	18.5	861	3.50	3.5	0.4	<0.5	4.1	37	<0.1	0.4	<0.1	80	0.55	0.065
1029850	Soil		0.8	31.1	7.3	71	<0.1	25.7	15.7	461	3.69	7.8	0.8	0.8	6.9	27	<0.1	0.5	0.1	84	0.39	0.041
1029936	Soil		0.6	13.6	5.6	78	<0.1	17.1	19.3	744	4.07	4.9	0.6	1.9	5.5	33	<0.1	0.4	<0.1	84	0.49	0.035
1029937	Soil		0.6	11.1	4.9	66	<0.1	17.0	17.9	648	3.58	4.3	0.3	2.1	4.1	25	<0.1	0.3	<0.1	71	0.36	0.029
1029938	Soil		0.5	26.4	4.5	71	<0.1	28.4	19.6	624	4.38	7.5	0.8	3.3	7.2	28	<0.1	0.4	<0.1	82	0.45	0.070
1029939	Soil		0.6	28.0	5.3	70	<0.1	20.9	15.1	562	3.43	5.6	0.5	4.9	5.5	80	0.1	0.5	<0.1	65	4.18	0.053
1029940	Soil		0.9	28.1	7.2	78	<0.1	26.7	15.0	734	3.62	7.7	1.0	4.6	9.1	30	0.2	0.6	0.1	66	0.47	0.060
1029941	Soil		0.7	25.8	7.9	69	<0.1	23.8	13.5	501	3.25	8.3	0.7	3.6	6.6	35	<0.1	0.7	0.1	62	0.50	0.050
1029942	Soil		0.6	32.3	6.9	68	<0.1	27.9	13.6	478	3.15	8.2	1.2	5.0	5.3	41	<0.1	0.6	0.1	62	0.68	0.048
1029943	Soil		0.6	26.9	7.2	61	<0.1	22.9	12.9	463	3.11	7.7	1.0	6.7	5.3	42	<0.1	0.6	0.1	62	0.71	0.055
1022736	Soil		1.0	7.3	26.7	53	<0.1	8.3	4.7	373	1.82	4.6	5.1	<0.5	54.5	27	<0.1	0.3	0.6	29	0.18	0.017
1022737	Soil		0.8	4.5	20.1	36	<0.1	4.5	3.2	390	1.12	1.6	2.8	1.2	31.5	67	<0.1	0.1	0.7	18	0.18	0.014
1022742	Soil		1.2	5.4	18.4	51	<0.1	7.1	4.2	326	1.74	2.4	5.1	6.8	23.9	55	<0.1	0.2	0.4	29	0.24	0.056
1022747	Soil		0.6	17.3	30.0	35	<0.1	8.3	3.3	224	1.44	3.4	3.2	<0.5	41.0	17	<0.1	0.2	37.5	20	0.20	0.010
1026854	Soil		0.5	15.3	25.4	44	<0.1	9.9	5.3	312	1.83	4.4	5.9	4.8	39.8	26	<0.1	0.3	4.0	32	0.13	0.011
1026855	Soil		0.7	6.7	24.3	45	<0.1	6.0	3.4	348	1.47	3.5	5.6	<0.5	38.5	53	<0.1	0.2	1.6	22	0.16	0.016
1026856	Soil		1.5	9.9	18.7	62	<0.1	13.9	5.5	222	2.34	6.3	2.8	2.9	24.3	46	0.1	0.5	1.5	46	0.16	0.027
1026858	Soil		1.2	9.9	21.2	49	<0.1	11.4	6.9	334	2.27	7.1	3.9	3.9	18.7	23	0.1	0.4	1.6	46	0.13	0.033
1026859	Soil		0.5	12.0	17.9	42	<0.1	11.0	4.9	241	1.76	3.7	2.4	2.4	18.7	53	<0.1	0.3	1.2	38	0.27	0.018
1026860	Soil		0.8	26.9	10.3	58	<0.1	20.9	11.8	321	2.76	7.9	1.0	6.7	7.7	33	<0.1	0.6	0.4	66	0.34	0.021
1026861	Soil		1.3	6.8	30.7	68	<0.1	7.5	5.5	716	2.18	3.0	5.0	1.3	59.5	13	<0.1	0.3	1.3	31	0.10	0.023
1026862	Soil		0.8	13.6	24.9	64	<0.1	12.0	6.9	786	2.46	6.5	4.8	4.6	37.3	15	<0.1	0.4	3.8	45	0.11	0.019
1026863	Soil		1.1	8.4	24.7	58	<0.1	8.0	4.4	605	2.01	3.1	3.4	1.6	31.9	64	<0.1	0.3	2.2	34	0.18	0.023
1026864	Soil		1.2	14.8	24.8	64	<0.1	14.9	7.7	634	2.52	5.2	6.3	1.9	37.3	29	<0.1	0.4	3.2	45	0.25	0.029
1026865	Soil		0.8	170.7	47.9	115	<0.1	11.6	5.6	1410	3.00	4.7	15.3	<0.5	72.5	26	0.3	0.5	94.0	38	0.28	0.046
1026866	Soil		0.9	32.9	29.3	94	<0.1	15.8	7.0	1028	2.70	4.8	13.6	3.3	64.6	34	<0.1	0.4	17.5	45	0.26	0.043
1026867	Soil		0.9	13.5	29.8	75	<0.1	7.5	4.4	784	2.19	3.6	7.2	1.1	54.1	27	<0.1	0.3	12.6	34	0.16	0.026

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029846	Soil	8	26	0.92	296	0.163	<1	1.93	0.012	0.30	<0.1	0.01	2.5	0.1	<0.05	5	<0.5	<0.2
1029847	Soil	8	32	1.29	249	0.214	2	2.24	0.015	0.61	<0.1	<0.01	3.1	0.2	<0.05	7	0.7	<0.2
1029848	Soil	12	34	0.90	192	0.082	<1	1.79	0.012	0.17	<0.1	<0.01	4.8	<0.1	<0.05	6	<0.5	<0.2
1029849	Soil	11	33	1.31	313	0.172	<1	2.35	0.013	0.53	<0.1	0.01	3.4	0.2	<0.05	7	<0.5	<0.2
1029850	Soil	20	44	1.23	222	0.182	1	2.45	0.017	0.12	0.1	<0.01	4.4	0.1	<0.05	7	<0.5	<0.2
1029936	Soil	12	28	1.38	319	0.173	2	2.50	0.012	0.37	<0.1	<0.01	3.5	0.1	0.10	7	<0.5	<0.2
1029937	Soil	9	25	1.26	358	0.214	2	2.18	0.011	0.56	<0.1	<0.01	2.5	0.1	0.09	6	<0.5	<0.2
1029938	Soil	21	29	1.58	261	0.250	2	2.60	0.014	0.60	<0.1	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1029939	Soil	14	25	1.22	421	0.162	2	1.93	0.023	0.40	0.1	0.04	2.7	0.2	0.11	6	<0.5	<0.2
1029940	Soil	19	31	0.99	396	0.125	2	2.06	0.018	0.21	0.2	0.04	4.4	<0.1	0.06	6	<0.5	<0.2
1029941	Soil	18	30	0.95	326	0.126	1	1.84	0.019	0.12	0.2	0.05	4.0	<0.1	<0.05	6	0.6	<0.2
1029942	Soil	17	30	0.96	346	0.105	3	1.94	0.024	0.09	0.1	0.03	3.6	<0.1	0.05	6	0.5	<0.2
1029943	Soil	16	30	0.92	331	0.113	2	1.94	0.022	0.17	0.2	0.03	3.6	<0.1	0.06	6	<0.5	<0.2
1022736	Soil	43	16	0.32	112	0.019	1	1.33	0.009	0.10	<0.1	<0.01	2.2	<0.1	0.06	4	<0.5	<0.2
1022737	Soil	13	9	0.17	197	0.007	1	0.81	0.012	0.08	<0.1	<0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1022742	Soil	22	15	0.29	184	0.017	1	1.29	0.014	0.06	0.1	<0.01	1.3	0.1	0.06	4	<0.5	<0.2
1022747	Soil	17	13	0.20	180	0.015	2	1.09	0.015	0.10	<0.1	<0.01	2.2	0.1	<0.05	3	<0.5	<0.2
1026854	Soil	37	15	0.30	126	0.025	2	1.31	0.014	0.06	<0.1	<0.01	2.2	0.1	<0.05	4	<0.5	<0.2
1026855	Soil	25	10	0.20	95	0.016	<1	1.09	0.011	0.10	<0.1	<0.01	1.2	0.1	<0.05	4	<0.5	<0.2
1026856	Soil	14	26	0.34	149	0.038	2	1.95	0.014	0.09	0.1	0.01	1.5	0.1	<0.05	6	<0.5	<0.2
1026858	Soil	21	19	0.34	136	0.036	2	1.59	0.011	0.08	0.1	<0.01	1.6	0.1	<0.05	5	<0.5	<0.2
1026859	Soil	18	19	0.38	131	0.047	2	1.55	0.013	0.06	0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1026860	Soil	16	38	0.62	281	0.105	3	2.09	0.030	0.06	0.1	0.03	5.2	<0.1	<0.05	6	0.6	<0.2
1026861	Soil	16	16	0.33	74	0.026	<1	1.32	0.014	0.18	0.1	<0.01	1.9	0.3	<0.05	6	<0.5	<0.2
1026862	Soil	18	23	0.50	114	0.074	1	1.79	0.014	0.17	0.1	0.01	5.3	0.4	<0.05	6	<0.5	<0.2
1026863	Soil	9	16	0.37	101	0.047	2	1.69	0.017	0.15	0.1	<0.01	2.7	0.3	<0.05	5	<0.5	<0.2
1026864	Soil	18	24	0.47	189	0.048	1	1.72	0.014	0.10	0.1	<0.01	3.4	0.2	<0.05	6	<0.5	<0.2
1026865	Soil	27	19	0.60	165	0.100	1	1.79	0.011	0.23	0.2	<0.01	6.2	0.7	<0.05	10	<0.5	<0.2
1026866	Soil	25	22	0.58	173	0.092	<1	1.67	0.021	0.22	0.1	0.02	7.2	0.5	<0.05	8	0.8	<0.2
1026867	Soil	22	15	0.46	75	0.025	<1	1.70	0.011	0.16	0.1	<0.01	2.9	0.4	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002605.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026868	Soil	0.9	12.4	30.9	75	<0.1	5.9	4.2	809	2.07	3.2	7.7	<0.5	61.3	30	<0.1	0.3	14.5	28	0.16	0.024
1026869	Soil	1.6	10.2	15.6	61	<0.1	13.4	7.2	1096	2.43	5.8	4.5	3.1	29.3	20	0.1	0.4	1.8	52	0.21	0.051
1026870	Soil	1.1	6.3	27.8	63	<0.1	9.1	4.7	765	2.19	4.5	7.1	1.2	50.1	66	<0.1	0.3	2.4	37	0.15	0.028
1026871	Soil	1.8	9.2	43.0	51	<0.1	8.4	5.9	706	2.15	4.5	5.0	1.6	18.9	17	0.1	0.5	1.2	35	0.17	0.053
1026872	Soil	1.2	9.1	22.8	55	<0.1	10.1	6.4	1085	2.15	5.0	4.7	1.2	28.2	19	0.1	0.4	1.5	35	0.20	0.031
1026873	Soil	1.0	7.3	29.2	58	<0.1	10.6	6.3	817	2.18	5.5	5.0	<0.5	16.7	22	<0.1	0.4	2.2	41	0.23	0.027
1026874	Soil	0.6	5.8	47.0	39	<0.1	6.5	4.0	559	1.62	3.1	10.8	0.6	45.5	11	<0.1	0.3	4.9	26	0.12	0.018
1026875	Soil	0.8	5.7	51.2	46	<0.1	5.8	4.4	637	1.70	3.7	5.0	0.9	53.1	7	<0.1	0.4	4.9	20	0.10	0.039
1026876	Soil	0.7	5.3	33.7	33	<0.1	6.6	4.7	608	1.44	3.1	4.4	<0.5	43.9	12	<0.1	0.2	2.8	25	0.13	0.033
1026877	Soil	0.8	18.2	21.7	74	<0.1	23.6	11.7	562	3.32	9.9	2.0	2.3	23.9	25	<0.1	0.6	1.3	74	0.23	0.021
1026878	Soil	1.2	14.0	24.8	59	<0.1	17.7	7.3	327	2.94	9.4	2.0	0.7	11.1	11	0.2	0.6	1.6	63	0.08	0.031

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002605.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026868	Soil	29	14	0.46	69	0.023	1	1.62	0.011	0.17	<0.1	<0.01	3.1	0.4	<0.05	6	0.5	<0.2
1026869	Soil	12	24	0.47	195	0.074	2	1.70	0.018	0.13	0.1	<0.01	2.9	0.3	<0.05	7	<0.5	<0.2
1026870	Soil	14	16	0.47	86	0.063	1	1.76	0.018	0.14	0.2	<0.01	3.3	0.5	<0.05	7	<0.5	<0.2
1026871	Soil	17	17	0.36	128	0.014	2	1.50	0.015	0.07	0.1	0.01	1.4	0.1	<0.05	6	<0.5	<0.2
1026872	Soil	17	18	0.40	218	0.017	<1	1.80	0.013	0.07	<0.1	0.01	1.9	0.2	<0.05	6	<0.5	<0.2
1026873	Soil	6	17	0.49	152	0.058	1	2.01	0.014	0.09	0.1	0.01	2.3	0.3	<0.05	7	<0.5	<0.2
1026874	Soil	9	13	0.33	70	0.032	<1	1.23	0.015	0.06	0.2	<0.01	2.2	0.2	<0.05	5	<0.5	<0.2
1026875	Soil	17	10	0.20	74	0.008	<1	1.27	0.017	0.06	0.3	<0.01	1.8	0.2	<0.05	5	<0.5	<0.2
1026876	Soil	15	12	0.30	70	0.013	<1	1.36	0.011	0.06	<0.1	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2
1026877	Soil	19	43	0.67	214	0.115	2	2.66	0.015	0.09	0.1	0.02	4.8	0.3	<0.05	8	<0.5	<0.2
1026878	Soil	11	25	0.42	142	0.040	<1	2.04	0.008	0.05	0.1	0.02	2.2	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002605.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1021587	Soil	0.5	57.1	5.9	74	<0.1	53.9	28.1	649	5.15	6.3	0.6	0.9	2.7	83	<0.1	0.2	<0.1	117	0.66	0.025
REP 1021587	QC	0.5	54.9	5.6	72	<0.1	50.4	27.1	621	4.84	6.0	0.5	<0.5	2.7	80	0.1	0.2	<0.1	114	0.66	0.025
1026622	Soil	1.0	25.3	6.8	91	<0.1	20.5	17.1	499	4.68	9.2	0.4	2.9	2.7	12	0.1	0.4	0.1	77	0.28	0.076
REP 1026622	QC	1.0	24.8	7.0	89	<0.1	21.0	16.7	494	4.58	9.3	0.4	1.4	2.5	12	0.1	0.4	0.1	79	0.28	0.075
1027911	Soil	0.7	33.3	4.8	74	<0.1	22.2	20.9	564	4.76	6.2	0.5	<0.5	4.2	42	<0.1	0.3	<0.1	88	0.50	0.057
REP 1027911	QC	0.9	33.4	4.3	72	<0.1	22.2	20.8	542	4.67	5.8	0.6	<0.5	4.1	42	<0.1	0.2	<0.1	85	0.50	0.057
1027931	Soil	0.7	39.4	4.9	113	<0.1	15.1	27.1	1143	7.09	4.7	1.5	<0.5	7.7	52	<0.1	0.2	0.2	160	0.72	0.050
REP 1027931	QC	0.7	39.7	4.7	113	<0.1	15.3	27.4	1137	6.99	4.9	1.5	<0.5	7.8	50	<0.1	0.2	0.2	159	0.70	0.051
1021891	Soil	0.9	19.7	17.5	57	<0.1	23.0	9.3	370	3.05	10.6	1.1	3.9	12.0	22	<0.1	0.5	0.2	73	0.18	0.019
REP 1021891	QC	0.8	19.8	17.5	58	<0.1	23.7	9.7	366	3.09	11.3	1.1	2.2	12.7	22	<0.1	0.6	0.2	69	0.18	0.019
1021931	Soil	0.9	21.5	24.4	49	<0.1	25.5	8.8	243	2.83	10.7	3.8	5.2	11.3	20	<0.1	0.5	1.4	69	0.20	0.028
REP 1021931	QC	0.8	21.8	24.9	49	<0.1	25.7	9.1	268	3.03	10.9	3.8	5.3	11.6	21	<0.1	0.5	1.3	73	0.22	0.030
1021949	Soil	0.2	6.0	49.8	26	<0.1	2.9	2.9	616	0.87	0.9	8.2	0.9	59.1	10	<0.1	0.4	3.8	8	0.11	0.017
REP 1021949	QC	0.2	5.6	48.7	23	<0.1	2.7	2.9	618	0.87	0.6	8.2	<0.5	53.8	10	<0.1	0.4	3.6	8	0.10	0.017
1027659	Soil	1.0	16.5	19.8	64	<0.1	21.8	9.8	444	3.05	10.6	2.2	1.3	15.9	15	0.1	0.5	0.9	74	0.14	0.033
REP 1027659	QC	1.1	16.8	20.6	64	<0.1	22.3	9.4	442	2.97	10.3	2.2	<0.5	15.3	14	0.1	0.5	0.9	72	0.13	0.032
1026804	Soil	0.7	10.2	25.4	55	<0.1	12.9	7.2	872	2.15	5.1	3.3	1.0	30.3	22	<0.1	0.3	2.0	37	0.31	0.031
REP 1026804	QC	0.7	10.5	25.3	54	<0.1	12.8	7.1	874	2.12	5.0	3.4	<0.5	30.8	21	0.1	0.3	2.1	38	0.32	0.033
1011027	Soil	0.9	9.8	22.4	61	<0.1	14.4	10.0	654	2.60	4.8	2.1	1.5	21.3	23	<0.1	0.5	0.5	57	0.25	0.034
REP 1011027	QC	0.9	9.5	21.8	61	<0.1	13.3	10.1	651	2.66	4.6	2.2	2.7	20.8	24	<0.1	0.4	0.5	55	0.25	0.034
1011030	Soil	0.4	5.0	51.8	84	<0.1	9.1	7.1	1505	2.47	1.7	13.4	<0.5	73.4	11	<0.1	0.2	3.0	39	0.19	0.051
REP 1011030	QC	0.4	5.1	53.6	82	<0.1	9.4	7.1	1498	2.65	1.5	14.7	<0.5	75.9	11	<0.1	0.2	3.1	40	0.20	0.053
1027863	Soil	0.3	9.9	41.6	56	<0.1	11.8	6.1	718	1.97	3.3	4.0	1.7	41.3	17	<0.1	0.4	1.5	29	0.17	0.015
REP 1027863	QC	0.5	10.2	43.6	55	<0.1	11.7	6.0	731	2.21	3.3	3.8	1.9	41.8	18	<0.1	0.4	1.5	29	0.17	0.015
1027888	Soil	0.5	14.5	24.6	60	<0.1	16.2	7.7	516	2.54	5.7	3.1	2.4	34.4	17	<0.1	0.4	1.2	50	0.21	0.042
REP 1027888	QC	0.6	13.8	25.3	58	<0.1	15.4	7.9	521	2.53	5.8	3.1	1.2	34.9	18	<0.1	0.4	1.2	51	0.23	0.042
1029816	Soil	0.6	17.1	6.9	85	<0.1	22.0	19.6	848	4.53	6.1	0.8	<0.5	6.3	31	<0.1	0.4	<0.1	98	0.51	0.047
REP 1029816	QC	0.6	17.1	6.6	84	<0.1	22.0	19.2	837	4.47	5.9	0.8	0.6	6.2	30	<0.1	0.4	<0.1	96	0.51	0.044

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002605.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1021587	Soil	5	155	2.08	204	0.210	2	3.47	0.027	0.04	<0.1	0.01	8.6	<0.1	<0.05	10	<0.5	<0.2
REP 1021587	QC	4	147	2.05	189	0.218	<1	3.34	0.027	0.05	<0.1	0.01	8.9	<0.1	<0.05	10	<0.5	<0.2
1026622	Soil	7	30	1.38	154	0.088	<1	2.83	0.013	0.04	0.1	0.02	4.5	<0.1	<0.05	12	0.6	<0.2
REP 1026622	QC	7	31	1.38	148	0.085	<1	2.76	0.012	0.05	0.1	<0.01	4.6	<0.1	<0.05	11	0.7	<0.2
1027911	Soil	8	26	1.47	256	0.131	2	2.85	0.012	0.35	<0.1	<0.01	2.9	<0.1	<0.05	9	<0.5	<0.2
REP 1027911	QC	8	24	1.51	251	0.144	1	2.86	0.009	0.37	<0.1	0.01	2.8	<0.1	<0.05	10	<0.5	<0.2
1027931	Soil	14	38	2.85	280	0.385	3	4.21	0.012	0.46	<0.1	<0.01	4.7	0.1	<0.05	12	<0.5	<0.2
REP 1027931	QC	13	39	2.81	279	0.385	3	4.17	0.011	0.45	<0.1	<0.01	4.7	0.1	<0.05	12	<0.5	<0.2
1021891	Soil	11	41	0.53	211	0.073	<1	2.14	0.008	0.06	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
REP 1021891	QC	11	40	0.56	209	0.074	<1	2.14	0.010	0.06	0.1	0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
1021931	Soil	12	39	0.54	249	0.081	1	2.39	0.012	0.04	0.2	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
REP 1021931	QC	12	40	0.55	251	0.086	2	2.50	0.013	0.05	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1021949	Soil	28	4	0.20	21	0.001	1	0.68	0.007	0.06	1.0	<0.01	1.3	0.2	<0.05	3	<0.5	<0.2
REP 1021949	QC	26	4	0.18	20	<0.001	<1	0.64	0.006	0.06	1.0	0.01	1.2	0.2	<0.05	2	<0.5	<0.2
1027659	Soil	10	36	0.52	164	0.080	1	2.36	0.012	0.07	0.2	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
REP 1027659	QC	10	36	0.52	158	0.071	<1	2.35	0.009	0.07	0.2	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1026804	Soil	18	20	0.41	244	0.047	1	1.46	0.011	0.20	0.2	<0.01	3.1	0.3	0.14	5	<0.5	<0.2
REP 1026804	QC	18	19	0.43	240	0.046	<1	1.49	0.010	0.21	0.2	<0.01	3.2	0.3	0.13	5	<0.5	<0.2
1011027	Soil	12	24	0.59	193	0.071	<1	2.02	0.016	0.05	0.2	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
REP 1011027	QC	12	27	0.57	208	0.072	<1	2.01	0.014	0.06	0.2	0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1011030	Soil	37	15	0.73	75	0.069	<1	1.44	0.011	0.32	0.4	<0.01	4.7	1.0	0.07	9	<0.5	<0.2
REP 1011030	QC	35	14	0.73	73	0.070	<1	1.50	0.009	0.32	0.5	0.01	4.5	1.1	<0.05	8	<0.5	<0.2
1027863	Soil	15	16	0.48	125	0.025	<1	1.51	0.012	0.08	0.9	0.02	2.6	0.3	<0.05	6	<0.5	<0.2
REP 1027863	QC	15	16	0.47	121	0.024	<1	1.54	0.013	0.08	0.9	<0.01	2.5	0.2	<0.05	6	<0.5	<0.2
1027888	Soil	16	27	0.56	137	0.075	2	1.74	0.010	0.07	0.2	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
REP 1027888	QC	17	27	0.58	139	0.084	2	1.80	0.011	0.07	0.2	0.03	3.6	0.3	<0.05	6	<0.5	<0.2
1029816	Soil	17	40	1.59	247	0.172	1	2.96	0.013	0.28	<0.1	0.01	5.8	<0.1	<0.05	9	<0.5	<0.2
REP 1029816	QC	17	40	1.55	245	0.172	2	2.89	0.012	0.28	<0.1	0.01	5.9	0.1	<0.05	9	<0.5	<0.2

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

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002605.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1026858	Soil	1.2	9.9	21.2	49	<0.1	11.4	6.9	334	2.27	7.1	3.9	3.9	18.7	23	0.1	0.4	1.6	46	0.13	0.033
REP 1026858	QC	1.2	10.2	20.4	49	<0.1	11.1	6.7	333	2.29	6.9	4.0	1.5	18.1	24	0.1	0.4	1.7	42	0.13	0.033
1026867	Soil	0.9	13.5	29.8	75	<0.1	7.5	4.4	784	2.19	3.6	7.2	1.1	54.1	27	<0.1	0.3	12.6	34	0.16	0.026
REP 1026867	QC	1.0	12.9	30.4	75	<0.1	7.0	4.5	773	2.22	3.7	6.8	<0.5	57.6	27	<0.1	0.3	13.1	34	0.18	0.026
Reference Materials																					
STD DS8	Standard	13.0	113.1	130.4	330	1.9	39.3	7.6	623	2.49	28.5	2.5	122.7	6.4	62	2.3	5.9	6.7	40	0.73	0.087
STD DS8	Standard	13.4	110.6	123.8	313	1.8	36.9	7.8	646	2.51	27.1	2.7	111.6	6.8	60	2.3	5.4	6.2	42	0.71	0.080
STD DS8	Standard	13.4	107.0	120.8	335	1.8	38.8	7.4	616	2.45	26.5	2.7	124.5	6.8	73	2.3	6.2	6.9	41	0.69	0.085
STD DS8	Standard	12.9	102.9	119.6	324	1.9	37.3	7.6	627	2.50	28.5	2.7	135.4	6.9	73	2.3	6.5	7.1	40	0.70	0.084
STD DS8	Standard	12.7	102.5	126.1	330	1.9	37.1	7.4	605	2.39	25.9	2.6	126.5	6.9	73	2.3	6.0	7.1	37	0.74	0.087
STD DS8	Standard	13.5	104.5	122.3	321	1.9	39.8	7.6	629	2.52	27.2	2.9	115.0	7.3	79	2.3	6.0	6.8	39	0.73	0.083
STD DS8	Standard	13.2	110.2	118.9	323	1.9	40.0	7.6	656	2.60	27.7	2.9	117.7	6.9	74	2.3	6.4	6.7	42	0.72	0.085
STD DS8	Standard	14.1	109.3	122.0	319	1.9	38.0	7.5	645	2.53	27.2	2.9	122.4	7.6	84	2.3	6.6	7.1	42	0.72	0.085
STD DS8	Standard	12.4	105.8	126.5	319	1.8	37.4	7.6	611	2.44	26.6	2.9	109.8	7.1	68	2.5	6.1	7.1	40	0.69	0.080
STD DS8	Standard	14.0	111.1	127.4	326	1.9	38.6	7.7	637	2.51	26.9	3.0	109.4	7.4	75	2.4	6.3	7.2	43	0.72	0.082
STD DS8	Standard	13.1	110.3	128.5	325	1.8	38.3	7.7	616	2.48	26.7	2.7	112.2	6.7	70	2.3	5.8	7.0	42	0.68	0.080
STD DS8	Standard	14.3	115.4	130.7	332	1.9	40.4	7.8	652	2.54	27.7	2.9	118.1	7.3	73	2.5	6.4	7.1	44	0.74	0.087
STD DS8	Standard	14.0	113.6	129.4	339	1.9	39.6	7.6	646	2.50	28.5	2.9	119.2	6.9	71	2.6	6.2	7.2	43	0.71	0.084
STD DS8	Standard	13.7	111.3	128.1	330	1.9	38.8	7.5	636	2.51	28.0	3.0	120.4	7.1	71	2.7	6.1	7.3	42	0.70	0.080
STD DS8	Standard	12.5	115.6	126.2	319	1.7	39.1	7.8	614	2.43	27.4	2.6	123.1	6.6	61	2.4	6.0	6.6	43	0.69	0.085
STD DS8	Standard	13.9	117.5	126.4	332	1.8	40.1	7.8	628	2.51	29.1	2.9	113.7	6.7	67	2.5	6.0	6.5	44	0.70	0.083
STD DS8	Standard	14.5	114.5	127.6	321	1.8	40.8	7.6	643	2.55	27.4	2.8	117.6	6.7	68	2.5	6.0	6.7	45	0.73	0.082
STD DS8	Standard	14.1	114.7	126.3	322	1.7	39.2	7.7	631	2.52	27.2	2.8	112.3	6.8	69	2.3	5.7	6.5	46	0.69	0.085
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002605.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1026858	Soil	21	19	0.34	136	0.036	2	1.59	0.011	0.08	0.1	<0.01	1.6	0.1	<0.05	5	<0.5	<0.2
REP 1026858	QC	21	19	0.35	141	0.036	1	1.58	0.010	0.08	0.1	0.01	1.6	0.1	<0.05	5	0.6	<0.2
1026867	Soil	22	15	0.46	75	0.025	<1	1.70	0.011	0.16	0.1	<0.01	2.9	0.4	<0.05	7	<0.5	<0.2
REP 1026867	QC	23	16	0.47	76	0.025	1	1.73	0.011	0.17	0.1	0.01	3.0	0.4	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	112	0.65	279	0.098	4	0.95	0.093	0.44	3.3	0.20	2.2	6.3	0.17	5	5.1	5.7
STD DS8	Standard	15	115	0.61	270	0.103	2	0.95	0.097	0.42	3.2	0.21	2.6	5.8	0.19	5	5.4	5.7
STD DS8	Standard	14	113	0.63	284	0.119	4	0.93	0.102	0.46	3.0	0.20	1.9	5.8	0.21	5	5.4	5.1
STD DS8	Standard	14	110	0.66	297	0.118	3	0.96	0.114	0.45	3.1	0.20	2.0	5.8	0.19	5	5.1	5.1
STD DS8	Standard	14	102	0.62	274	0.105	3	0.96	0.117	0.45	3.1	0.21	2.0	5.6	0.13	5	5.1	4.5
STD DS8	Standard	16	105	0.63	292	0.117	2	0.98	0.111	0.45	3.0	0.20	2.1	5.4	0.16	5	5.1	5.3
STD DS8	Standard	16	123	0.68	307	0.126	4	0.97	0.108	0.47	3.0	0.19	1.7	5.6	0.29	5	5.5	5.1
STD DS8	Standard	16	122	0.67	294	0.133	3	1.01	0.110	0.45	3.0	0.21	2.0	5.6	0.15	5	6.0	5.0
STD DS8	Standard	14	112	0.61	280	0.110	4	0.88	0.086	0.42	3.0	0.20	2.0	5.8	0.12	5	4.6	5.1
STD DS8	Standard	16	119	0.63	295	0.126	3	0.94	0.094	0.43	3.3	0.20	2.2	5.8	0.15	5	6.8	5.2
STD DS8	Standard	14	117	0.61	287	0.112	4	0.89	0.088	0.42	2.8	0.20	2.0	5.5	0.15	4	4.3	4.8
STD DS8	Standard	16	124	0.63	302	0.125	2	0.95	0.096	0.45	3.2	0.22	2.1	5.5	0.16	5	5.2	5.5
STD DS8	Standard	14	118	0.66	288	0.118	3	0.92	0.087	0.44	3.2	0.21	2.1	5.6	0.18	5	5.6	5.3
STD DS8	Standard	15	116	0.63	295	0.119	1	0.91	0.085	0.44	3.2	0.24	2.1	5.7	0.15	4	4.9	4.9
STD DS8	Standard	14	118	0.61	279	0.115	3	0.86	0.084	0.42	3.0	0.21	2.0	5.3	0.19	4	5.1	5.0
STD DS8	Standard	15	122	0.65	277	0.123	3	0.94	0.094	0.45	3.0	0.20	2.1	5.5	0.18	5	5.1	4.6
STD DS8	Standard	14	124	0.60	297	0.128	2	0.92	0.089	0.43	3.1	0.21	2.0	5.4	0.16	5	5.2	4.6
STD DS8	Standard	15	119	0.61	288	0.125	3	0.93	0.088	0.43	3.2	0.19	2.0	5.5	0.16	5	4.9	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002605.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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QUALITY CONTROL REPORT VAN11002605.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 13, 2011
Report Date: July 19, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS VAN11002668.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 121

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	121	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	121	Dry at 60C			VAN
1DX2	121	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002668.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1008278	Soil		2.1	37.6	17.6	110	0.5	45.1	13.2	402	4.10	138.2	0.9	5.8	4.4	24	0.5	3.4	0.2	87	0.19	0.056
1012501	Soil		0.6	45.4	9.8	88	<0.1	26.1	13.0	416	3.61	7.1	1.1	2.2	6.7	42	<0.1	0.6	0.2	71	0.51	0.053
1012502	Soil		0.8	58.0	10.3	98	<0.1	28.0	14.7	574	4.00	7.5	0.6	5.4	4.0	39	<0.1	0.7	0.2	87	0.53	0.051
1012503	Soil		0.3	35.3	7.5	91	<0.1	8.6	19.4	1520	4.95	1.4	0.3	2.3	2.1	27	<0.1	0.9	<0.1	87	0.64	0.111
1012504	Soil		1.1	29.6	4.9	224	<0.1	15.7	10.4	953	5.40	3.8	0.5	3.0	2.9	17	0.3	0.4	<0.1	61	0.27	0.050
1012505	Soil		0.7	41.5	9.9	103	<0.1	26.5	20.5	1387	6.43	5.0	1.1	4.1	4.2	27	<0.1	1.5	0.1	92	0.56	0.090
1012506	Soil		0.7	38.4	5.2	47	<0.1	19.2	14.6	297	2.61	4.6	0.2	0.6	1.3	48	<0.1	0.3	<0.1	60	0.34	0.058
1012507	Soil		1.0	20.1	9.2	81	<0.1	19.5	14.4	424	3.76	7.8	0.4	1.0	4.3	18	<0.1	0.5	0.1	71	0.17	0.039
1012508	Soil		0.8	41.8	8.6	68	0.1	39.2	17.4	454	3.73	8.4	0.6	1.7	4.6	22	<0.1	0.6	0.2	78	0.30	0.032
1012509	Soil		0.7	35.2	7.0	64	<0.1	30.8	19.0	381	4.24	5.5	0.4	0.7	3.8	22	<0.1	0.6	0.1	85	0.27	0.044
1012510	Soil		1.5	15.3	8.9	69	<0.1	9.9	7.3	386	2.84	4.7	0.5	1.6	2.8	15	0.2	0.6	0.2	56	0.24	0.044
1012511	Soil		1.6	33.8	9.2	63	<0.1	22.7	11.7	424	3.33	8.0	1.3	2.0	7.9	25	<0.1	0.5	0.2	70	0.32	0.035
1012512	Soil		0.8	13.6	8.6	79	<0.1	8.3	15.3	927	5.15	6.8	1.7	1.3	8.2	18	<0.1	0.4	0.2	121	0.19	0.086
1012513	Soil		0.5	13.5	8.8	85	<0.1	7.7	9.3	679	3.22	2.3	2.3	1.1	33.1	38	<0.1	0.3	0.1	38	0.33	0.033
1012514	Soil		0.4	11.1	7.7	82	<0.1	5.8	8.5	675	3.07	1.8	2.3	0.9	34.7	38	<0.1	0.3	0.1	34	0.34	0.035
1012515	Soil		0.6	11.4	5.3	92	<0.1	8.5	13.2	772	3.76	2.9	0.5	0.7	13.3	31	<0.1	0.2	<0.1	58	0.25	0.054
1012516	Soil		0.9	26.3	8.3	81	<0.1	24.7	13.9	469	3.57	9.6	1.1	1.3	14.5	18	0.1	0.5	0.1	69	0.19	0.033
1012517	Soil		0.7	19.2	9.2	60	<0.1	20.1	10.1	386	3.10	8.2	0.7	2.0	7.3	27	<0.1	0.6	0.1	57	0.29	0.046
1012518	Soil		0.9	21.8	12.0	66	<0.1	19.7	9.8	323	2.61	7.2	0.9	2.4	6.4	28	0.1	0.7	0.2	56	0.31	0.048
1012519	Soil		0.4	23.5	4.8	96	<0.1	9.5	16.3	900	5.05	1.9	0.9	1.3	13.6	31	<0.1	0.3	<0.1	65	0.72	0.178
1012520	Soil		0.4	13.1	5.0	87	<0.1	12.7	15.1	835	4.58	4.2	1.1	20.8	18.8	40	<0.1	0.3	<0.1	60	0.83	0.165
1012521	Soil		0.4	15.7	6.3	86	<0.1	10.8	17.3	891	4.87	4.7	0.8	0.8	18.5	37	<0.1	0.3	<0.1	69	0.88	0.174
1012522	Soil		0.8	14.7	11.5	67	<0.1	18.8	11.3	707	3.24	7.9	0.5	0.8	6.3	33	0.1	0.6	0.1	61	0.35	0.069
1012524	Soil		0.4	11.8	9.0	75	<0.1	8.2	10.5	603	4.09	2.3	0.9	<0.5	14.0	26	<0.1	0.6	<0.1	40	0.42	0.108
1012525	Soil		0.5	12.7	11.0	80	<0.1	8.8	11.0	626	4.20	2.4	1.0	1.3	15.0	26	0.2	0.7	<0.1	39	0.41	0.107
1012526	Soil		0.6	27.8	5.5	65	<0.1	15.3	17.4	536	3.67	3.1	0.4	<0.5	3.3	23	0.2	0.3	<0.1	95	0.38	0.037
1012527	Soil		0.5	47.5	3.6	90	<0.1	22.4	25.4	678	4.76	3.3	0.4	<0.5	6.0	44	<0.1	0.2	<0.1	93	0.56	0.037
1012528	Soil		0.9	26.5	7.1	70	<0.1	22.7	16.5	502	3.66	3.6	0.6	2.5	6.7	39	0.2	0.4	<0.1	68	0.45	0.031
1012529	Soil		0.7	24.1	6.0	83	<0.1	23.3	17.5	423	3.05	3.2	0.3	2.7	2.8	30	0.1	0.3	0.1	67	0.32	0.045
1012530	Soil		0.6	37.6	11.3	57	<0.1	14.9	12.7	352	3.08	4.6	0.4	3.1	3.0	24	<0.1	0.4	0.1	68	0.29	0.037

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002668.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1008278	Soil	11	57	0.73	352	0.087	3	2.66	0.012	0.12	0.2	0.07	4.4	0.4	0.06	7	0.7	<0.2
1012501	Soil	18	47	0.88	399	0.099	2	2.33	0.024	0.06	0.1	0.03	7.2	<0.1	<0.05	7	<0.5	<0.2
1012502	Soil	14	51	1.03	363	0.115	2	2.19	0.023	0.09	0.1	0.03	8.4	0.1	<0.05	7	<0.5	<0.2
1012503	Soil	10	10	1.12	307	0.003	2	2.47	0.008	0.09	0.4	0.03	10.7	0.2	<0.05	7	<0.5	<0.2
1012504	Soil	7	29	0.90	302	0.086	2	2.52	0.010	0.30	<0.1	0.01	8.6	0.1	<0.05	11	<0.5	<0.2
1012505	Soil	17	32	0.58	455	0.011	1	1.69	0.012	0.05	0.1	0.05	15.1	<0.1	<0.05	5	0.7	<0.2
1012506	Soil	3	23	0.85	176	0.101	<1	2.25	0.020	0.04	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1012507	Soil	8	31	0.88	179	0.116	2	2.80	0.011	0.07	<0.1	0.01	2.5	<0.1	<0.05	8	<0.5	<0.2
1012508	Soil	9	50	0.94	328	0.045	1	2.60	0.013	0.06	<0.1	0.02	5.3	<0.1	<0.05	6	<0.5	<0.2
1012509	Soil	13	56	1.27	206	0.048	<1	2.81	0.013	0.05	<0.1	0.02	6.1	<0.1	<0.05	8	<0.5	<0.2
1012510	Soil	7	17	0.43	198	0.033	<1	1.52	0.010	0.08	<0.1	0.01	4.7	<0.1	<0.05	6	<0.5	<0.2
1012511	Soil	21	33	0.69	360	0.074	1	2.27	0.011	0.06	<0.1	0.05	4.7	0.1	<0.05	6	<0.5	<0.2
1012512	Soil	11	16	1.10	224	0.128	2	2.57	0.009	0.51	<0.1	0.02	6.3	0.1	<0.05	9	<0.5	<0.2
1012513	Soil	59	12	0.63	263	0.053	<1	2.03	0.009	0.30	<0.1	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1012514	Soil	61	10	0.60	259	0.046	<1	1.96	0.008	0.30	<0.1	0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1012515	Soil	12	14	0.93	172	0.215	<1	2.98	0.011	0.86	0.1	0.01	1.5	0.5	<0.05	8	<0.5	<0.2
1012516	Soil	11	30	0.81	187	0.151	2	2.81	0.012	0.35	0.1	0.02	3.2	0.3	<0.05	7	<0.5	<0.2
1012517	Soil	20	30	0.57	242	0.060	<1	1.83	0.009	0.17	0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1012518	Soil	20	27	0.59	301	0.100	<1	1.63	0.013	0.09	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1012519	Soil	36	9	1.25	288	0.204	1	2.44	0.012	0.71	<0.1	0.02	3.0	0.2	<0.05	10	<0.5	<0.2
1012520	Soil	33	14	1.05	357	0.239	1	2.37	0.014	0.61	<0.1	0.01	3.1	0.1	<0.05	9	<0.5	<0.2
1012521	Soil	38	12	1.38	299	0.233	<1	2.68	0.011	0.63	<0.1	<0.01	1.8	0.1	<0.05	10	<0.5	<0.2
1012522	Soil	12	27	0.69	346	0.107	<1	1.94	0.011	0.29	0.1	0.01	2.6	0.1	<0.05	6	<0.5	0.3
1012524	Soil	44	10	0.81	165	0.071	<1	1.91	0.011	0.23	<0.1	0.01	2.6	<0.1	<0.05	8	<0.5	<0.2
1012525	Soil	47	11	0.82	182	0.041	<1	1.93	0.012	0.24	<0.1	<0.01	3.1	<0.1	<0.05	8	<0.5	<0.2
1012526	Soil	9	26	1.26	375	0.169	1	2.23	0.012	0.55	<0.1	<0.01	4.6	0.1	<0.05	6	<0.5	<0.2
1012527	Soil	11	28	2.44	280	0.318	<1	3.56	0.010	0.84	<0.1	<0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1012528	Soil	12	51	1.36	192	0.091	<1	2.67	0.010	0.18	<0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1012529	Soil	5	44	1.39	239	0.136	1	2.47	0.012	0.09	<0.1	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1012530	Soil	7	22	0.79	265	0.121	<1	2.03	0.012	0.18	<0.1	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002668.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012531	Soil		0.8	11.7	13.0	45	0.1	13.0	7.0	200	2.03	4.3	0.5	<0.5	3.2	17	<0.1	0.4	0.4	51	0.19	0.020
1012532	Soil		0.6	7.8	5.3	82	<0.1	14.2	18.3	678	3.85	2.3	0.3	<0.5	3.2	32	<0.1	0.3	<0.1	83	0.37	0.047
1012533	Soil		0.8	21.5	7.2	77	<0.1	18.1	15.4	468	3.95	5.4	0.5	0.8	6.7	21	<0.1	0.4	<0.1	84	0.23	0.033
1012534	Soil		1.5	16.9	9.4	56	0.3	18.8	9.2	623	2.46	8.3	0.7	2.4	5.2	28	0.2	0.6	0.2	52	0.34	0.036
1012535	Soil		1.4	16.4	9.3	58	0.3	18.7	10.0	676	2.47	7.9	0.6	0.7	4.8	27	0.2	0.5	0.1	52	0.34	0.039
1021561	Soil		1.1	61.5	6.3	123	<0.1	22.4	20.0	349	5.71	1.5	1.1	<0.5	5.1	15	<0.1	<0.1	0.1	195	0.20	0.049
1021562	Soil		1.3	55.8	9.9	57	0.1	21.9	12.5	404	3.36	8.9	0.7	2.4	3.5	18	0.1	0.6	0.2	88	0.18	0.027
1021563	Soil		0.5	81.7	6.2	62	<0.1	19.7	18.7	472	4.08	4.9	0.6	2.6	3.5	67	<0.1	0.3	0.1	114	0.57	0.022
1021564	Soil		1.0	24.1	9.2	48	<0.1	23.2	12.0	319	3.06	9.2	0.7	2.2	3.4	19	<0.1	0.6	0.2	66	0.21	0.042
1021569	Soil		0.9	32.1	13.0	115	0.2	15.3	16.2	726	4.44	5.6	0.6	0.9	2.8	29	0.2	0.5	0.2	99	0.22	0.035
1021570	Soil		1.6	106.0	11.1	154	<0.1	14.5	13.7	661	3.91	1.7	0.4	0.9	1.0	58	0.1	0.2	<0.1	68	0.49	0.066
1021571	Soil		0.9	41.2	7.2	113	<0.1	22.3	19.4	505	5.56	9.8	0.4	0.8	2.3	18	0.2	0.5	0.1	94	0.21	0.045
1021572	Soil		1.1	60.5	6.6	113	<0.1	39.5	4.4	475	5.96	1.7	0.7	0.8	4.2	74	<0.1	0.1	<0.1	184	0.21	0.081
1021573	Soil		1.0	27.0	8.3	57	<0.1	20.6	11.8	267	3.80	9.0	0.4	1.9	2.4	20	<0.1	0.6	0.2	95	0.19	0.022
1021574	Soil		3.5	59.5	7.6	119	<0.1	11.8	3.9	394	9.12	3.4	0.5	4.2	2.2	85	<0.1	0.3	0.4	194	0.19	0.101
1021575	Soil		4.8	98.1	6.7	60	<0.1	29.0	11.3	508	4.96	3.4	0.5	1.3	2.2	23	<0.1	0.3	0.1	124	0.20	0.050
1021576	Soil		0.9	119.5	6.3	84	<0.1	20.5	22.9	466	4.90	5.8	0.5	0.6	2.2	21	<0.1	0.4	<0.1	160	0.27	0.073
1021577	Soil		0.3	57.8	2.7	54	<0.1	20.0	25.8	323	3.14	1.5	0.3	1.9	1.0	15	<0.1	0.1	<0.1	107	0.31	0.054
1021578	Soil		0.8	89.2	4.2	57	<0.1	20.3	25.8	348	3.40	1.7	0.3	2.3	0.7	43	0.1	0.1	<0.1	95	0.37	0.041
1021579	Soil		0.8	77.3	3.7	92	<0.1	22.6	27.5	569	5.44	3.1	0.3	0.6	1.1	25	<0.1	0.2	<0.1	170	0.37	0.062
1021580	Soil		1.0	53.2	3.7	109	<0.1	16.2	15.8	584	5.37	3.4	0.5	<0.5	2.9	28	<0.1	0.2	<0.1	135	0.24	0.064
1021581	Soil		1.1	33.3	7.6	62	0.1	24.0	13.3	411	3.34	8.5	1.0	11.1	4.1	20	0.1	0.6	0.1	80	0.26	0.060
1021582	Soil		1.4	40.9	7.4	62	0.1	24.9	11.0	331	3.09	9.4	1.1	2.7	4.7	19	0.1	0.5	0.2	75	0.15	0.028
1021585	Soil		0.3	15.1	7.6	62	<0.1	9.3	14.2	636	4.15	2.6	1.2	0.6	9.5	23	<0.1	0.3	0.2	80	0.37	0.054
1021615	Soil		0.6	10.8	4.0	83	<0.1	8.4	10.7	474	3.34	2.8	0.5	<0.5	3.5	21	<0.1	0.2	<0.1	41	0.31	0.053
1021616	Soil		1.1	32.9	10.2	101	<0.1	16.2	11.4	549	3.83	11.7	0.9	2.8	7.1	25	<0.1	0.3	<0.1	47	0.35	0.074
1021617	Soil		1.2	21.3	7.7	98	<0.1	14.6	13.5	533	4.04	5.5	0.3	<0.5	0.9	26	0.5	0.3	<0.1	113	0.54	0.051
1021618	Soil		0.9	33.7	4.8	61	<0.1	18.5	16.7	393	3.68	3.0	0.6	1.7	5.5	26	<0.1	0.2	<0.1	70	0.43	0.071
1021702	Soil		0.6	12.2	4.5	148	<0.1	13.6	17.9	1297	4.11	2.8	0.4	<0.5	3.4	35	0.3	0.2	<0.1	62	0.44	0.137
1021704	Soil		0.7	16.6	7.5	74	<0.1	21.9	12.4	429	3.34	6.9	0.4	0.5	3.6	22	<0.1	0.4	0.1	68	0.22	0.035

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012531	Soil	12	22	0.41	268	0.021	<1	1.62	0.009	0.04	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1012532	Soil	6	21	1.34	340	0.236	1	2.61	0.013	0.34	0.1	<0.01	2.8	<0.1	<0.05	9	<0.5	<0.2
1012533	Soil	12	27	1.23	320	0.243	1	2.62	0.012	0.48	0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1012534	Soil	13	28	0.41	393	0.057	1	1.36	0.010	0.18	0.1	0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
1012535	Soil	12	28	0.41	386	0.057	<1	1.35	0.010	0.18	0.1	0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
1021561	Soil	14	48	1.85	360	0.292	<1	3.76	0.015	0.73	<0.1	<0.01	12.1	0.3	<0.05	13	0.5	<0.2
1021562	Soil	9	37	0.65	233	0.083	<1	2.43	0.016	0.05	0.1	0.03	4.0	<0.1	<0.05	7	0.6	<0.2
1021563	Soil	13	38	0.98	266	0.089	<1	3.02	0.026	0.05	<0.1	0.01	8.6	<0.1	<0.05	8	<0.5	<0.2
1021564	Soil	10	34	0.59	192	0.070	1	2.52	0.014	0.05	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1021569	Soil	7	27	1.38	233	0.130	<1	3.11	0.014	0.11	0.1	0.01	5.5	<0.1	<0.05	11	<0.5	<0.2
1021570	Soil	4	29	2.30	349	0.272	<1	3.27	0.016	0.83	<0.1	<0.01	2.3	0.3	<0.05	8	<0.5	<0.2
1021571	Soil	6	32	1.69	205	0.242	<1	3.73	0.017	0.28	0.1	<0.01	6.8	0.1	<0.05	12	<0.5	<0.2
1021572	Soil	14	199	3.41	579	0.205	<1	4.36	0.032	0.74	<0.1	<0.01	13.8	0.1	0.46	14	0.9	<0.2
1021573	Soil	8	34	0.78	172	0.097	<1	2.74	0.014	0.05	<0.1	0.02	4.1	<0.1	<0.05	8	<0.5	<0.2
1021574	Soil	10	49	1.88	105	0.138	<1	2.86	0.246	0.75	<0.1	0.01	15.0	0.2	1.53	14	4.8	0.3
1021575	Soil	6	130	1.87	406	0.173	<1	2.66	0.053	0.53	<0.1	<0.01	7.0	<0.1	0.38	9	2.1	0.3
1021576	Soil	7	36	1.61	231	0.246	1	3.47	0.026	0.55	<0.1	0.02	5.2	0.1	<0.05	10	<0.5	<0.2
1021577	Soil	4	46	1.58	389	0.244	<1	2.98	0.040	0.66	<0.1	<0.01	4.9	0.2	<0.05	8	<0.5	<0.2
1021578	Soil	2	17	1.67	335	0.169	<1	2.98	0.036	0.43	<0.1	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1021579	Soil	3	29	2.34	351	0.313	<1	4.14	0.026	0.82	<0.1	0.01	4.6	0.2	<0.05	10	<0.5	<0.2
1021580	Soil	8	26	2.42	775	0.410	<1	4.10	0.020	1.44	<0.1	0.01	11.3	0.5	<0.05	14	<0.5	<0.2
1021581	Soil	11	38	0.83	239	0.139	2	2.38	0.015	0.12	0.1	0.01	4.2	0.1	<0.05	6	<0.5	<0.2
1021582	Soil	11	39	0.77	277	0.116	1	2.42	0.014	0.12	0.1	0.01	4.2	0.1	<0.05	6	0.7	<0.2
1021585	Soil	23	15	1.14	178	0.004	<1	2.58	0.008	0.09	0.1	0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
1021615	Soil	6	13	0.75	160	0.113	<1	1.87	0.008	0.28	<0.1	<0.01	1.8	0.1	<0.05	6	<0.5	<0.2
1021616	Soil	16	32	0.84	212	0.039	<1	2.21	0.012	0.12	<0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1021617	Soil	4	25	0.70	317	0.100	<1	2.11	0.040	0.12	<0.1	0.02	4.7	<0.1	<0.05	8	<0.5	<0.2
1021618	Soil	12	26	0.82	158	0.069	<1	2.33	0.030	0.05	<0.1	<0.01	4.7	<0.1	<0.05	7	<0.5	<0.2
1021702	Soil	7	20	1.30	530	0.220	1	2.43	0.013	0.58	0.1	<0.01	1.4	0.2	<0.05	8	<0.5	<0.2
1021704	Soil	8	35	0.91	240	0.126	<1	2.31	0.010	0.22	0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002668.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021705	Soil	0.7	11.3	6.8	110	<0.1	17.7	10.0	497	3.60	5.4	0.5	0.6	4.1	27	0.1	0.4	0.1	51	0.29	0.035
1021706	Soil	0.8	14.1	10.2	67	<0.1	10.5	5.5	271	3.11	6.6	0.9	0.8	6.8	16	<0.1	0.4	0.1	32	0.18	0.015
1021707	Soil	0.6	49.2	5.2	91	<0.1	12.5	13.3	905	4.28	3.7	0.5	<0.5	8.9	18	0.1	0.2	<0.1	77	0.33	0.063
1021728	Soil	1.6	22.3	9.7	60	<0.1	21.1	12.7	489	3.51	9.7	1.2	2.1	7.5	18	0.1	0.6	0.2	79	0.19	0.044
1021729	Soil	1.7	21.1	5.0	65	<0.1	15.7	15.7	743	3.91	4.2	1.0	0.5	8.5	32	0.1	0.3	0.1	94	0.27	0.048
1021730	Soil	1.5	14.8	9.1	60	<0.1	16.3	11.7	418	3.56	8.4	0.5	3.4	4.6	17	<0.1	0.4	0.1	78	0.20	0.030
1021731	Soil	1.3	12.5	7.5	74	<0.1	8.1	10.9	502	3.40	3.6	0.5	2.0	5.7	28	<0.1	0.2	<0.1	74	0.29	0.043
1021732	Soil	0.7	26.1	7.8	66	<0.1	22.9	9.8	266	2.55	6.3	0.5	3.4	2.0	35	0.2	0.3	0.1	68	0.36	0.061
1021733	Soil	1.2	15.3	10.0	51	<0.1	15.5	7.9	385	2.58	7.2	1.2	0.9	5.4	16	0.1	0.4	0.1	53	0.19	0.031
1021734	Soil	0.3	19.9	3.8	85	<0.1	40.5	26.7	826	5.96	5.0	0.9	<0.5	5.4	31	<0.1	0.2	<0.1	128	0.51	0.040
1021837	Soil	1.1	20.3	12.2	73	<0.1	24.0	11.2	329	3.36	12.5	1.2	3.3	8.4	18	0.1	0.8	0.3	69	0.16	0.028
1021838	Soil	1.0	27.8	17.3	70	0.1	18.4	9.5	248	2.72	7.6	0.7	4.2	1.4	30	0.3	0.4	0.3	72	0.29	0.059
1021951	Soil	0.6	37.1	5.4	63	<0.1	39.5	16.9	374	3.06	4.3	0.3	1.0	1.3	25	<0.1	0.3	0.1	73	0.33	0.050
1021952	Soil	0.9	42.1	10.4	56	<0.1	27.3	12.1	322	3.34	10.4	1.0	8.6	5.0	33	<0.1	0.8	0.4	77	0.30	0.027
1021954	Soil	4.5	22.3	1.9	68	<0.1	4.5	16.8	761	3.95	0.9	0.4	2.1	4.7	46	<0.1	<0.1	<0.1	94	0.42	0.096
1021955	Soil	0.6	6.3	4.5	106	<0.1	7.6	17.1	727	4.04	3.2	0.3	1.9	10.2	37	<0.1	0.2	<0.1	76	0.32	0.085
1021956	Soil	0.2	18.7	15.4	74	<0.1	4.1	7.3	721	2.60	1.0	1.4	1.7	33.7	65	<0.1	<0.1	0.2	20	0.34	0.051
1021960	Soil	0.2	15.4	13.0	76	<0.1	4.9	7.2	824	2.63	<0.5	1.4	2.0	36.4	76	<0.1	<0.1	0.2	20	0.39	0.059
1021961	Soil	1.4	27.8	6.8	69	<0.1	27.1	13.1	400	3.36	6.6	0.5	2.7	3.8	15	0.1	0.3	0.1	67	0.20	0.060
1021962	Soil	0.4	57.7	8.6	83	<0.1	27.9	15.6	344	3.41	2.6	0.3	2.6	2.8	52	<0.1	0.2	<0.1	72	0.37	0.019
1021963	Soil	0.3	48.4	4.0	122	<0.1	13.4	17.6	672	4.48	2.9	0.4	2.3	3.6	44	<0.1	0.2	<0.1	94	0.48	0.067
1021982	Soil	0.5	33.9	2.5	82	<0.1	33.6	23.2	481	3.92	4.0	0.2	0.8	1.4	34	<0.1	0.4	<0.1	100	0.34	0.044
1021983	Soil	0.7	27.8	5.5	90	<0.1	16.9	17.4	578	4.24	5.0	0.5	1.4	3.1	45	<0.1	0.3	<0.1	90	0.53	0.096
1021984	Soil	0.9	17.0	8.9	64	<0.1	13.3	10.6	360	3.20	6.6	0.4	2.0	2.8	44	<0.1	0.4	0.2	52	0.40	0.045
1021985	Soil	0.3	56.9	2.4	72	<0.1	24.5	18.6	512	3.99	2.0	0.3	1.4	1.8	43	<0.1	0.2	<0.1	92	0.81	0.101
1021986	Soil	0.2	61.5	2.8	83	<0.1	26.9	20.0	916	4.95	1.8	0.5	1.2	3.4	35	<0.1	0.4	<0.1	92	0.78	0.095
1022667	Soil	0.5	18.3	4.1	75	<0.1	25.9	22.9	746	4.85	5.9	0.5	1.6	5.2	34	<0.1	0.3	0.1	83	0.36	0.035
1022668	Soil	0.3	19.7	3.2	71	<0.1	24.3	24.0	809	5.14	3.0	0.6	0.6	6.5	39	<0.1	0.2	<0.1	83	0.43	0.034
1022669	Soil	0.6	13.7	5.2	82	<0.1	11.2	12.6	609	3.88	5.4	0.5	0.9	7.1	28	<0.1	0.3	<0.1	59	0.34	0.068
1022670	Soil	1.8	19.5	8.2	76	<0.1	19.0	13.9	433	4.05	10.2	0.6	2.6	5.0	21	<0.1	0.6	0.2	87	0.23	0.045

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002668.2

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021705	Soil	8	37	0.72	201	0.141	<1	2.27	0.009	0.22	<0.1	<0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1021706	Soil	10	18	0.32	222	0.018	<1	1.71	0.008	0.13	<0.1	<0.01	4.6	0.1	<0.05	5	<0.5	<0.2
1021707	Soil	10	34	1.27	164	0.074	<1	2.33	0.014	0.06	<0.1	<0.01	6.4	<0.1	<0.05	10	<0.5	<0.2
1021728	Soil	14	36	0.66	198	0.103	2	2.48	0.015	0.08	0.1	0.03	4.3	0.1	<0.05	7	0.5	<0.2
1021729	Soil	12	26	1.17	145	0.145	<1	2.57	0.020	0.29	<0.1	0.01	5.5	0.1	<0.05	8	<0.5	<0.2
1021730	Soil	9	28	0.78	145	0.142	1	2.22	0.011	0.10	0.2	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1021731	Soil	15	16	0.99	284	0.177	<1	2.35	0.013	0.46	0.1	<0.01	1.9	0.2	<0.05	7	<0.5	<0.2
1021732	Soil	9	43	0.85	241	0.130	<1	1.89	0.018	0.20	0.3	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1021733	Soil	17	25	0.45	143	0.057	<1	1.74	0.011	0.07	0.2	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1021734	Soil	10	129	3.18	418	0.312	2	4.28	0.012	1.70	<0.1	0.01	4.1	0.6	<0.05	13	<0.5	<0.2
1021837	Soil	16	37	0.57	174	0.075	3	2.57	0.011	0.06	0.2	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1021838	Soil	9	33	0.70	245	0.099	2	1.86	0.013	0.10	0.6	0.04	2.5	0.1	<0.05	7	<0.5	<0.2
1021951	Soil	4	74	1.36	123	0.128	<1	2.17	0.019	0.05	<0.1	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1021952	Soil	17	39	0.67	365	0.101	1	2.16	0.015	0.07	0.2	0.04	6.0	0.1	<0.05	6	<0.5	<0.2
1021954	Soil	14	9	1.38	314	0.213	1	2.55	0.011	1.21	<0.1	<0.01	1.3	0.2	<0.05	7	<0.5	<0.2
1021955	Soil	13	13	1.26	189	0.228	2	2.63	0.010	1.12	<0.1	<0.01	0.8	0.3	<0.05	6	<0.5	<0.2
1021956	Soil	50	4	0.41	321	0.003	<1	1.42	0.010	0.21	<0.1	<0.01	2.8	0.2	<0.05	5	<0.5	<0.2
1021960	Soil	55	4	0.39	331	0.002	<1	1.33	0.011	0.21	<0.1	<0.01	2.9	0.1	<0.05	5	<0.5	<0.2
1021961	Soil	7	52	0.78	161	0.067	2	2.31	0.013	0.07	<0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1021962	Soil	4	29	1.43	212	0.069	<1	2.92	0.015	0.04	<0.1	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1021963	Soil	17	19	1.54	514	0.289	<1	2.90	0.015	0.52	<0.1	<0.01	3.4	0.2	<0.05	11	<0.5	<0.2
1021982	Soil	2	26	1.99	309	0.256	<1	3.39	0.017	0.42	<0.1	<0.01	2.8	0.1	<0.05	9	<0.5	<0.2
1021983	Soil	7	23	1.38	207	0.101	1	2.77	0.014	0.15	<0.1	<0.01	3.5	<0.1	<0.05	9	<0.5	<0.2
1021984	Soil	7	23	0.84	208	0.030	<1	2.23	0.013	0.11	0.1	<0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
1021985	Soil	7	15	1.58	313	0.053	<1	2.61	0.014	0.13	0.1	<0.01	5.8	<0.1	<0.05	8	<0.5	<0.2
1021986	Soil	8	13	1.86	290	0.004	2	3.39	0.010	0.08	0.1	0.02	8.4	<0.1	<0.05	11	<0.5	<0.2
1022667	Soil	8	25	1.74	184	0.190	<1	3.03	0.010	0.06	<0.1	0.01	3.0	<0.1	<0.05	9	<0.5	<0.2
1022668	Soil	11	24	1.99	165	0.207	<1	2.99	0.011	0.06	<0.1	<0.01	3.5	<0.1	<0.05	10	<0.5	<0.2
1022669	Soil	9	19	0.90	236	0.167	<1	2.28	0.010	0.26	<0.1	<0.01	1.7	0.1	<0.05	8	<0.5	<0.2
1022670	Soil	8	32	1.02	200	0.135	2	2.63	0.009	0.25	0.1	0.02	3.3	0.2	<0.05	8	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022671	Soil		0.7	8.7	5.6	59	<0.1	9.9	12.5	766	3.66	4.9	0.4	1.0	5.2	18	<0.1	0.3	<0.1	58	0.27	0.069
1022672	Soil		0.3	8.4	5.9	97	<0.1	17.0	24.5	912	6.10	5.7	0.4	0.5	5.9	21	<0.1	0.2	<0.1	136	0.46	0.080
1022673	Soil		0.7	17.7	6.3	77	<0.1	14.3	15.8	511	4.11	7.2	0.3	1.1	2.6	19	<0.1	0.4	<0.1	92	0.23	0.065
1022674	Soil		0.4	12.1	3.7	86	<0.1	12.8	20.7	667	4.72	3.4	0.3	1.2	4.1	22	<0.1	0.2	<0.1	117	0.33	0.079
1022675	Soil		0.7	34.4	8.2	102	<0.1	18.2	18.0	578	4.84	8.4	0.7	1.0	3.8	21	<0.1	0.5	0.1	108	0.35	0.067
1022676	Soil		0.5	18.4	3.9	85	<0.1	7.8	20.6	774	5.00	3.6	0.4	1.5	1.5	18	<0.1	0.3	<0.1	110	0.43	0.118
1022677	Soil		0.5	27.7	3.3	85	<0.1	13.6	18.4	645	4.42	3.3	0.4	0.8	2.8	30	<0.1	0.3	<0.1	95	0.45	0.122
1022685	Soil		0.5	13.4	7.9	130	<0.1	9.5	17.0	1199	5.25	2.5	0.8	1.5	7.4	36	0.2	0.2	<0.1	71	0.46	0.141
1022686	Soil		0.4	8.7	5.2	94	<0.1	11.2	10.1	827	2.29	2.3	0.3	1.7	2.5	16	0.3	0.2	<0.1	41	0.18	0.060
1022687	Soil		0.8	25.6	7.8	63	<0.1	23.5	11.9	328	2.91	10.1	0.6	2.4	6.1	24	<0.1	0.6	0.1	62	0.30	0.030
1022688	Soil		1.0	21.3	9.0	76	<0.1	22.8	12.3	528	3.48	9.5	0.6	2.5	5.7	26	0.1	0.5	0.1	73	0.30	0.032
1022689	Soil		1.1	20.3	33.6	131	<0.1	25.3	23.2	801	4.90	4.2	0.6	0.9	3.6	21	0.1	0.2	<0.1	107	0.24	0.030
1022690	Soil		1.2	22.5	23.1	136	0.1	28.9	24.5	629	5.15	4.1	0.5	4.9	4.0	19	0.2	0.3	0.1	110	0.33	0.073
1022691	Soil		0.7	40.8	96.1	239	0.1	19.8	13.2	609	3.76	5.4	2.3	1.9	13.0	27	0.4	0.5	0.3	68	0.39	0.040
1022692	Soil		0.7	25.3	23.6	107	<0.1	18.3	15.6	542	3.93	3.6	1.1	1.2	11.0	26	<0.1	0.3	0.1	70	0.31	0.021
1022693	Soil		0.9	21.9	13.5	98	0.1	20.1	15.7	521	3.63	5.1	0.6	<0.5	6.1	13	<0.1	0.3	<0.1	69	0.20	0.032
1022694	Soil		1.1	24.1	37.0	148	0.1	35.8	19.1	518	4.29	5.1	0.5	<0.5	5.2	14	0.3	0.2	<0.1	107	0.22	0.019
1022695	Soil		0.8	15.1	21.4	99	0.1	10.5	13.7	498	4.10	4.9	0.6	<0.5	6.6	13	0.2	0.2	0.1	86	0.16	0.025
1022696	Soil		1.0	20.6	9.5	99	0.2	26.0	17.1	947	4.49	6.6	0.6	<0.5	4.8	18	0.1	0.3	0.1	95	0.25	0.047
1022697	Soil		1.2	17.4	12.2	106	0.1	24.3	14.3	1314	3.49	6.5	0.5	0.7	4.5	21	0.2	0.4	0.1	86	0.26	0.048
1022698	Soil		0.9	14.6	16.6	85	0.2	9.8	10.3	691	3.49	5.2	0.8	<0.5	7.0	17	0.1	0.2	0.1	56	0.25	0.072
1022699	Soil		1.1	18.1	10.9	63	0.1	17.3	10.0	426	3.21	7.4	0.7	2.0	7.4	16	<0.1	0.4	0.2	66	0.18	0.026
1022700	Soil		1.0	64.5	18.2	554	<0.1	9.0	12.9	1039	6.02	2.5	1.6	2.8	2.8	28	0.3	0.1	<0.1	153	0.52	0.035
1022739	Soil		0.7	39.5	7.6	66	<0.1	23.3	13.4	324	3.02	5.8	0.5	3.2	2.1	45	0.2	0.3	0.4	82	0.43	0.072
1022740	Soil		0.7	29.4	9.0	61	0.1	22.2	10.2	225	2.70	6.2	0.6	2.1	2.6	25	0.2	0.3	0.4	69	0.33	0.069
1022741	Soil		0.6	38.9	6.7	61	<0.1	26.4	13.3	315	2.88	6.0	0.5	1.2	2.8	30	0.1	0.3	0.2	76	0.39	0.076
1022794	Soil		1.7	30.1	8.1	57	0.1	22.2	10.0	368	2.75	6.9	0.9	2.7	3.4	29	<0.1	0.4	1.0	68	0.38	0.070
1022795	Soil		1.2	16.7	10.8	56	<0.1	16.9	8.2	254	3.18	10.6	0.5	1.0	2.0	20	0.2	0.5	0.3	81	0.20	0.046
1022796	Soil		2.1	41.4	8.4	53	0.2	21.0	10.1	265	2.81	6.4	0.6	2.4	1.9	31	0.1	0.4	1.0	79	0.26	0.060
1022797	Soil		1.4	23.0	10.2	60	0.1	16.7	11.0	547	3.05	6.9	0.9	2.4	1.0	23	0.1	0.4	0.2	71	0.25	0.072

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002668.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022671	Soil	6	20	0.99	181	0.133	<1	2.39	0.009	0.39	<0.1	0.02	1.9	0.1	<0.05	8	<0.5	<0.2
1022672	Soil	6	44	2.25	401	0.335	<1	3.49	0.019	0.96	<0.1	<0.01	3.4	0.3	<0.05	12	<0.5	<0.2
1022673	Soil	5	30	1.55	312	0.273	<1	2.89	0.015	0.60	0.1	0.01	1.6	0.2	<0.05	7	<0.5	<0.2
1022674	Soil	4	31	2.09	542	0.323	<1	3.43	0.018	1.15	0.1	<0.01	2.9	0.3	<0.05	9	<0.5	<0.2
1022675	Soil	7	29	1.07	270	0.210	1	2.73	0.025	0.42	<0.1	<0.01	2.9	0.1	<0.05	8	<0.5	<0.2
1022676	Soil	3	12	1.40	253	0.214	<1	2.71	0.022	0.37	<0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1022677	Soil	4	26	1.15	170	0.150	<1	2.34	0.015	0.10	<0.1	<0.01	2.1	<0.1	<0.05	9	<0.5	<0.2
1022685	Soil	12	17	1.25	458	0.193	1	2.64	0.013	0.70	<0.1	0.01	3.1	0.2	<0.05	11	<0.5	<0.2
1022686	Soil	3	15	0.78	260	0.155	<1	1.55	0.011	0.40	0.1	<0.01	1.1	0.2	<0.05	5	<0.5	0.2
1022687	Soil	10	33	0.69	283	0.116	1	2.01	0.014	0.10	0.2	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1022688	Soil	8	35	0.85	271	0.169	<1	2.30	0.015	0.32	0.1	<0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1022689	Soil	7	51	2.22	313	0.244	1	3.25	0.011	1.13	0.1	0.01	3.2	0.4	<0.05	9	<0.5	<0.2
1022690	Soil	6	72	2.01	304	0.326	<1	3.56	0.014	1.29	0.2	<0.01	3.6	0.5	<0.05	9	<0.5	<0.2
1022691	Soil	42	44	1.03	348	0.222	1	2.52	0.014	0.39	0.2	0.03	5.3	0.4	<0.05	7	<0.5	0.2
1022692	Soil	36	58	1.42	255	0.237	2	2.71	0.011	0.42	0.1	<0.01	3.8	0.3	<0.05	8	<0.5	<0.2
1022693	Soil	9	61	1.31	184	0.211	1	2.88	0.008	0.70	0.1	0.02	2.1	0.4	<0.05	6	<0.5	<0.2
1022694	Soil	7	73	1.79	241	0.294	<1	3.41	0.011	0.69	0.2	0.03	3.7	0.3	<0.05	8	<0.5	<0.2
1022695	Soil	7	19	0.99	208	0.237	1	2.62	0.006	0.72	0.1	0.02	2.5	0.3	<0.05	8	<0.5	<0.2
1022696	Soil	7	58	1.42	230	0.246	<1	3.07	0.008	0.25	0.2	0.03	3.0	0.2	<0.05	9	0.6	<0.2
1022697	Soil	8	59	0.86	294	0.151	1	2.43	0.011	0.18	0.1	0.03	3.1	0.2	<0.05	8	<0.5	<0.2
1022698	Soil	8	20	0.76	136	0.112	<1	1.87	0.008	0.19	<0.1	0.01	1.9	0.1	<0.05	8	<0.5	<0.2
1022699	Soil	12	32	0.51	160	0.058	<1	2.54	0.008	0.06	<0.1	0.03	2.6	<0.1	<0.05	7	<0.5	<0.2
1022700	Soil	10	12	2.57	198	0.054	<1	4.00	0.008	0.03	<0.1	0.02	9.8	<0.1	<0.05	11	0.7	<0.2
1022739	Soil	9	38	0.89	321	0.123	<1	2.36	0.018	0.15	1.0	0.04	3.6	0.1	<0.05	7	<0.5	<0.2
1022740	Soil	10	37	0.73	173	0.118	2	2.23	0.013	0.11	0.6	0.07	3.0	0.1	<0.05	6	0.7	<0.2
1022741	Soil	9	46	0.94	258	0.163	<1	2.18	0.014	0.24	0.3	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
1022794	Soil	12	33	0.70	241	0.111	3	1.82	0.014	0.09	0.6	0.04	3.6	0.1	<0.05	5	<0.5	<0.2
1022795	Soil	9	31	0.42	118	0.085	2	2.23	0.010	0.06	0.3	0.06	2.5	<0.1	<0.05	7	0.5	<0.2
1022796	Soil	8	33	0.60	178	0.122	2	1.75	0.015	0.10	0.3	0.05	2.5	0.1	<0.05	7	<0.5	<0.2
1022797	Soil	12	28	0.49	161	0.058	2	1.79	0.010	0.08	0.2	0.05	2.8	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002668.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022798	Soil	1.6	42.7	28.2	89	<0.1	28.0	12.2	316	3.52	7.3	0.8	2.2	2.2	27	0.5	0.4	0.6	102	0.20	0.045

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022798	Soil	10	46	0.82	236	0.127	1	2.41	0.013	0.16	0.3	0.04	3.6	0.2	<0.05	8	1.1	<0.2

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Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002668.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1012509	Soil	0.7	35.2	7.0	64	<0.1	30.8	19.0	381	4.24	5.5	0.4	0.7	3.8	22	<0.1	0.6	0.1	85	0.27	0.044
REP 1012509	QC	0.8	35.2	6.7	65	<0.1	31.2	18.9	375	4.24	5.4	0.5	1.2	3.8	22	0.1	0.5	0.1	88	0.27	0.042
1012526	Soil	0.6	27.8	5.5	65	<0.1	15.3	17.4	536	3.67	3.1	0.4	<0.5	3.3	23	0.2	0.3	<0.1	95	0.38	0.037
REP 1012526	QC	0.4	27.3	4.6	65	<0.1	14.5	17.2	547	3.74	2.9	0.5	<0.5	3.4	23	<0.1	0.4	<0.1	99	0.36	0.038
1021562	Soil	1.3	55.8	9.9	57	0.1	21.9	12.5	404	3.36	8.9	0.7	2.4	3.5	18	0.1	0.6	0.2	88	0.18	0.027
REP 1021562	QC	1.3	57.7	9.9	62	0.1	22.8	13.1	402	3.50	9.1	0.7	2.0	3.5	19	0.1	0.6	0.2	91	0.19	0.025
1021702	Soil	0.6	12.2	4.5	148	<0.1	13.6	17.9	1297	4.11	2.8	0.4	<0.5	3.4	35	0.3	0.2	<0.1	62	0.44	0.137
REP 1021702	QC	0.6	12.4	4.7	150	<0.1	13.3	18.0	1343	4.12	2.7	0.4	0.8	3.3	35	0.3	0.2	<0.1	62	0.42	0.135
1021961	Soil	1.4	27.8	6.8	69	<0.1	27.1	13.1	400	3.36	6.6	0.5	2.7	3.8	15	0.1	0.3	0.1	67	0.20	0.060
REP 1021961	QC	1.2	26.7	6.9	69	<0.1	26.9	13.0	400	3.29	6.4	0.5	2.2	4.0	15	<0.1	0.3	0.1	67	0.20	0.059
1022672	Soil	0.3	8.4	5.9	97	<0.1	17.0	24.5	912	6.10	5.7	0.4	0.5	5.9	21	<0.1	0.2	<0.1	136	0.46	0.080
REP 1022672	QC	0.3	8.7	6.1	96	<0.1	17.7	24.2	890	6.00	5.2	0.4	0.5	5.8	21	<0.1	0.2	<0.1	135	0.47	0.078
1022696	Soil	1.0	20.6	9.5	99	0.2	26.0	17.1	947	4.49	6.6	0.6	<0.5	4.8	18	0.1	0.3	0.1	95	0.25	0.047
REP 1022696	QC	1.0	20.9	9.8	98	0.2	25.4	17.2	976	4.58	7.0	0.6	<0.5	4.9	18	0.2	0.3	0.1	95	0.26	0.046
Reference Materials																					
STD DS8	Standard	14.2	119.4	128.1	341	2.1	39.7	8.5	675	2.73	29.0	3.3	116.8	7.8	81	2.9	7.4	7.6	48	0.75	0.093
STD DS8	Standard	13.6	119.5	126.6	335	1.9	40.5	8.5	677	2.69	29.9	3.1	111.4	7.4	77	2.8	7.0	7.3	46	0.74	0.090
STD DS8	Standard	13.7	119.5	121.1	343	1.8	40.7	8.2	640	2.58	27.8	3.1	119.6	7.6	75	2.7	6.7	7.2	43	0.71	0.086
STD DS8	Standard	14.0	124.4	124.3	346	1.9	40.6	8.1	643	2.56	28.2	3.2	119.4	7.9	75	2.8	6.5	7.4	44	0.73	0.087
STD DS8	Standard	14.1	120.5	128.5	322	1.8	40.7	7.8	653	2.53	25.9	2.8	110.5	7.4	74	2.4	5.8	6.5	42	0.72	0.080
STD DS8	Standard	14.1	115.9	125.7	324	1.9	37.9	7.5	632	2.49	25.7	3.0	116.1	7.6	73	2.4	5.9	6.5	42	0.73	0.081
STD DS8	Standard	14.8	121.0	134.6	333	1.8	40.0	8.1	653	2.58	27.4	2.8	113.6	7.2	64	2.5	5.4	6.6	48	0.73	0.087
STD DS8	Standard	14.3	117.8	132.7	332	1.8	40.4	8.2	644	2.53	28.3	2.8	126.7	7.4	65	2.3	5.7	6.6	47	0.73	0.086
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002668.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1012509	Soil	13	56	1.27	206	0.048	<1	2.81	0.013	0.05	<0.1	0.02	6.1	<0.1	<0.05	8	<0.5	<0.2
REP 1012509	QC	13	55	1.29	204	0.056	2	2.91	0.014	0.05	0.1	0.01	6.4	<0.1	<0.05	8	<0.5	<0.2
1012526	Soil	9	26	1.26	375	0.169	1	2.23	0.012	0.55	<0.1	<0.01	4.6	0.1	<0.05	6	<0.5	<0.2
REP 1012526	QC	8	26	1.24	371	0.164	2	2.27	0.011	0.57	<0.1	0.01	4.5	0.2	<0.05	6	<0.5	<0.2
1021562	Soil	9	37	0.65	233	0.083	<1	2.43	0.016	0.05	0.1	0.03	4.0	<0.1	<0.05	7	0.6	<0.2
REP 1021562	QC	10	38	0.65	237	0.085	<1	2.41	0.015	0.05	0.1	0.03	4.3	<0.1	<0.05	7	<0.5	<0.2
1021702	Soil	7	20	1.30	530	0.220	1	2.43	0.013	0.58	0.1	<0.01	1.4	0.2	<0.05	8	<0.5	<0.2
REP 1021702	QC	7	20	1.27	534	0.218	<1	2.41	0.013	0.58	<0.1	<0.01	1.3	0.2	<0.05	7	<0.5	<0.2
1021961	Soil	7	52	0.78	161	0.067	2	2.31	0.013	0.07	<0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
REP 1021961	QC	7	51	0.77	156	0.066	1	2.30	0.012	0.07	<0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1022672	Soil	6	44	2.25	401	0.335	<1	3.49	0.019	0.96	<0.1	<0.01	3.4	0.3	<0.05	12	<0.5	<0.2
REP 1022672	QC	6	43	2.18	393	0.335	<1	3.44	0.019	0.96	<0.1	0.01	3.5	0.3	<0.05	12	<0.5	<0.2
1022696	Soil	7	58	1.42	230	0.246	<1	3.07	0.008	0.25	0.2	0.03	3.0	0.2	<0.05	9	0.6	<0.2
REP 1022696	QC	7	57	1.41	226	0.250	2	3.11	0.007	0.25	0.2	0.02	2.9	0.2	<0.05	8	0.6	<0.2
Reference Materials																		
STD DS8	Standard	15	127	0.69	315	0.135	4	0.99	0.097	0.48	3.5	0.22	2.1	5.5	0.16	5	6.0	6.0
STD DS8	Standard	15	126	0.66	317	0.135	3	0.97	0.096	0.46	3.3	0.21	2.1	5.5	0.15	5	6.5	5.6
STD DS8	Standard	15	120	0.64	313	0.132	4	0.95	0.096	0.43	2.9	0.21	2.1	5.5	0.16	5	5.5	4.7
STD DS8	Standard	16	119	0.65	303	0.130	3	0.97	0.097	0.44	3.1	0.22	2.1	5.5	0.16	5	5.1	5.1
STD DS8	Standard	16	119	0.62	289	0.131	2	0.94	0.090	0.43	3.2	0.20	2.2	5.5	0.12	5	5.6	5.2
STD DS8	Standard	17	120	0.62	289	0.131	3	0.93	0.090	0.42	3.1	0.20	2.3	5.4	0.15	5	5.4	5.3
STD DS8	Standard	15	129	0.59	292	0.130	3	0.96	0.091	0.43	3.0	0.19	2.0	5.5	0.14	5	5.3	4.9
STD DS8	Standard	16	128	0.57	297	0.132	3	0.98	0.093	0.43	3.0	0.20	1.9	5.1	0.14	5	5.2	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Vancouver
Received: June 13, 2011
Report Date: July 19, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS VAN11002671.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 189

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	189	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	189	Dry at 60C			VAN
1DX2	189	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002671.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026519	Soil	0.6	47.1	6.1	53	<0.1	16.7	12.1	314	3.00	5.9	0.4	<0.5	2.6	16	<0.1	0.3	0.1	72	0.21	0.037
1026520	Soil	1.3	24.1	9.7	71	0.2	19.5	12.0	665	3.39	8.3	0.4	0.7	1.8	13	0.2	0.5	0.2	81	0.15	0.048
1026521	Soil	1.2	30.7	9.6	60	<0.1	21.3	12.3	363	3.21	9.6	0.8	1.7	3.9	17	<0.1	0.5	0.3	73	0.16	0.034
1026522	Soil	1.0	71.0	6.5	106	<0.1	23.2	13.2	428	4.61	6.2	0.6	1.0	3.0	63	<0.1	0.3	0.1	111	0.28	0.068
1026523	Soil	2.1	62.9	8.8	101	0.2	22.2	9.1	334	4.16	6.3	1.0	0.8	3.5	35	<0.1	0.4	0.2	101	0.14	0.055
1026524	Soil	1.0	20.5	7.9	61	<0.1	16.9	10.2	299	3.48	7.1	0.4	1.1	1.4	24	0.2	0.4	0.1	84	0.20	0.039
1026525	Soil	0.3	41.9	2.8	45	<0.1	11.5	12.6	201	2.50	2.9	0.4	0.6	1.6	24	<0.1	0.2	<0.1	74	0.32	0.059
1026526	Soil	0.5	19.4	4.9	93	<0.1	13.0	22.6	727	5.86	4.7	0.4	4.3	1.9	13	<0.1	0.2	<0.1	191	0.21	0.071
1026527	Soil	0.9	52.1	3.0	103	<0.1	19.5	19.5	1064	5.91	4.1	0.8	<0.5	3.9	16	<0.1	0.2	<0.1	163	0.37	0.123
1026528	Soil	1.0	109.7	6.1	77	<0.1	26.1	16.6	533	4.94	7.6	0.9	2.2	4.7	14	0.1	0.3	0.1	138	0.20	0.046
1026529	Soil	0.9	43.0	9.0	58	<0.1	25.1	11.3	294	3.57	12.2	0.5	4.2	2.8	16	0.2	0.6	0.1	81	0.17	0.032
1026530	Soil	0.3	15.1	7.3	55	<0.1	10.8	12.8	528	3.84	3.3	1.0	1.7	8.3	21	<0.1	0.3	0.1	75	0.33	0.050
1026531	Soil	0.4	19.7	5.1	66	<0.1	9.6	14.4	532	3.89	4.6	0.4	3.3	6.0	20	<0.1	0.3	<0.1	53	0.21	0.021
1026532	Soil	0.4	13.4	4.8	79	<0.1	6.4	14.4	752	4.52	3.0	0.3	<0.5	6.5	22	<0.1	0.2	<0.1	81	0.22	0.023
1026533	Soil	0.6	22.9	6.7	57	<0.1	18.1	10.0	358	2.67	6.2	0.7	2.7	5.0	27	<0.1	0.3	0.1	55	0.30	0.033
1026534	Soil	0.3	28.7	5.4	70	<0.1	13.8	14.2	524	3.90	3.0	0.8	3.7	8.7	29	<0.1	0.3	<0.1	69	0.42	0.044
1026535	Soil	0.8	16.0	9.6	45	<0.1	19.3	7.8	241	2.81	7.4	0.5	1.7	4.8	20	<0.1	0.4	0.1	64	0.18	0.016
1026536	Soil	0.4	13.6	10.3	52	<0.1	8.9	6.4	228	2.24	3.7	1.2	0.8	16.1	25	<0.1	0.3	<0.1	27	0.19	0.012
1026537	Soil	0.6	24.3	8.7	51	<0.1	19.8	8.5	361	2.75	7.4	0.8	2.1	8.7	26	<0.1	0.4	0.1	57	0.31	0.025
1026538	Soil	0.5	14.8	9.1	90	<0.1	10.8	15.5	661	3.98	3.9	0.7	2.4	8.0	26	<0.1	0.3	0.1	74	0.36	0.037
1026539	Soil	0.4	18.6	5.5	101	<0.1	8.1	19.3	900	4.70	2.2	0.5	0.5	7.7	27	<0.1	0.2	<0.1	88	0.31	0.042
1026540	Soil	0.7	22.4	8.5	54	0.2	17.4	8.6	258	2.85	7.0	0.9	6.6	6.0	20	<0.1	0.4	0.2	61	0.21	0.018
1026541	Soil	0.6	23.0	10.1	93	<0.1	6.3	16.8	837	4.73	4.0	0.7	<0.5	5.6	27	<0.1	0.5	0.3	82	0.37	0.060
1026542	Soil	1.0	18.9	7.2	49	<0.1	12.4	6.9	326	2.26	5.5	3.0	1.8	14.1	23	<0.1	0.3	0.2	47	0.28	0.020
1026543	Soil	1.9	24.2	12.0	63	<0.1	23.6	9.6	388	3.48	13.4	1.6	2.4	11.9	19	<0.1	0.6	0.2	73	0.19	0.017
1026544	Soil	1.7	19.6	8.5	59	<0.1	21.0	11.6	547	3.26	8.8	0.7	2.0	4.6	20	0.1	0.4	0.1	71	0.25	0.030
1026545	Soil	0.9	25.6	8.2	48	<0.1	21.1	10.0	305	2.84	7.7	1.0	3.7	5.3	24	<0.1	0.3	0.1	63	0.30	0.045
1026546	Soil	0.1	6.9	1.8	29	<0.1	2.9	6.7	328	3.21	0.9	0.4	<0.5	3.6	15	<0.1	<0.1	<0.1	23	0.20	0.048
1026547	Soil	0.7	26.5	6.4	60	<0.1	13.9	11.6	363	4.16	5.3	0.4	0.9	1.2	22	<0.1	0.3	0.1	99	0.30	0.039
1026548	Soil	0.5	145.9	5.3	58	<0.1	19.1	15.9	316	3.71	5.3	0.5	1.4	3.0	14	<0.1	0.3	<0.1	111	0.25	0.026

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002671.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026519	Soil	6	22	0.70	148	0.102	<1	2.17	0.023	0.04	<0.1	0.02	3.7	<0.1	0.05	7	<0.5	<0.2
1026520	Soil	7	27	0.58	301	0.062	<1	2.48	0.016	0.03	0.1	0.03	2.5	<0.1	0.05	8	<0.5	<0.2
1026521	Soil	9	33	0.63	183	0.082	<1	2.58	0.016	0.05	0.1	0.05	4.1	0.1	<0.05	6	0.6	<0.2
1026522	Soil	6	42	1.71	381	0.205	<1	3.19	0.018	0.14	<0.1	0.02	4.8	0.1	<0.05	10	<0.5	<0.2
1026523	Soil	11	39	1.25	493	0.184	<1	3.09	0.014	0.29	<0.1	0.02	4.2	0.3	0.18	10	0.9	<0.2
1026524	Soil	7	29	0.99	175	0.142	2	2.44	0.014	0.15	0.1	0.03	2.7	0.1	0.05	8	<0.5	<0.2
1026525	Soil	6	21	1.17	219	0.154	<1	2.03	0.031	0.15	<0.1	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1026526	Soil	9	29	3.04	757	0.294	<1	3.92	0.023	1.20	<0.1	<0.01	13.7	0.4	<0.05	12	<0.5	<0.2
1026527	Soil	14	30	2.73	2057	0.389	<1	3.96	0.020	1.58	0.1	0.01	14.5	0.5	<0.05	13	0.5	<0.2
1026528	Soil	14	35	1.22	319	0.192	<1	2.91	0.017	0.55	<0.1	0.03	7.9	0.2	<0.05	10	<0.5	<0.2
1026529	Soil	9	33	0.60	159	0.089	2	2.50	0.015	0.06	0.1	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
1026530	Soil	20	17	0.99	169	0.006	<1	2.44	0.008	0.08	0.1	0.01	4.8	<0.1	<0.05	6	<0.5	<0.2
1026531	Soil	15	16	1.15	148	0.016	<1	3.02	0.008	0.13	<0.1	<0.01	2.1	0.1	<0.05	6	<0.5	<0.2
1026532	Soil	9	13	1.45	133	0.184	<1	3.37	0.008	0.37	0.1	0.01	1.6	0.2	<0.05	8	<0.5	<0.2
1026533	Soil	16	28	0.67	219	0.098	<1	1.77	0.013	0.08	0.1	0.03	4.1	0.1	<0.05	5	<0.5	<0.2
1026534	Soil	19	23	1.25	251	0.112	<1	2.63	0.009	0.50	0.1	0.02	3.6	0.2	<0.05	7	<0.5	<0.2
1026535	Soil	11	35	0.56	166	0.079	<1	2.06	0.011	0.06	<0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1026536	Soil	39	15	0.41	141	0.007	<1	2.15	0.009	0.06	<0.1	0.02	4.3	0.1	<0.05	5	<0.5	<0.2
1026537	Soil	27	33	0.56	248	0.083	<1	1.93	0.015	0.07	0.1	0.03	5.7	0.1	<0.05	5	<0.5	<0.2
1026538	Soil	44	20	1.28	235	0.127	<1	2.76	0.010	0.50	0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1026539	Soil	24	14	1.70	384	0.256	<1	3.23	0.009	1.17	0.1	<0.01	1.8	0.4	<0.05	8	<0.5	<0.2
1026540	Soil	15	29	0.63	190	0.082	1	2.03	0.011	0.07	0.1	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
1026541	Soil	10	12	1.61	195	0.176	<1	3.12	0.008	0.63	0.3	<0.01	2.1	0.3	<0.05	8	<0.5	<0.2
1026542	Soil	35	22	0.56	164	0.113	<1	1.33	0.014	0.09	0.2	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
1026543	Soil	17	40	0.63	237	0.077	<1	2.75	0.011	0.07	0.1	0.07	4.0	0.2	<0.05	7	<0.5	<0.2
1026544	Soil	10	29	0.68	188	0.082	1	2.34	0.012	0.08	0.1	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1026545	Soil	18	30	0.61	239	0.093	1	1.99	0.013	0.06	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
1026546	Soil	29	4	1.02	399	0.088	<1	1.95	0.014	0.21	<0.1	<0.01	8.5	<0.1	<0.05	10	<0.5	<0.2
1026547	Soil	7	24	0.77	115	0.119	<1	2.37	0.036	0.04	<0.1	0.02	4.8	<0.1	<0.05	9	<0.5	<0.2
1026548	Soil	8	22	0.86	159	0.203	<1	2.23	0.027	0.10	<0.1	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002671.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026572	Soil		0.7	23.1	14.3	49	<0.1	21.8	9.1	298	2.75	8.3	1.8	5.9	12.3	19	<0.1	0.5	1.2	60	0.17	0.022
1026573	Soil		0.9	14.4	20.9	54	0.1	21.3	8.8	536	2.84	8.2	1.5	1.0	16.2	24	<0.1	0.5	0.6	62	0.21	0.024
1026578	Soil		0.8	20.2	20.1	55	<0.1	24.1	8.7	290	3.00	11.2	2.4	3.4	24.3	18	<0.1	0.5	0.8	67	0.13	0.016
1026646	Soil		0.9	14.7	9.1	58	<0.1	17.7	8.2	374	2.90	9.0	0.8	1.2	6.6	20	0.1	0.7	0.1	58	0.21	0.025
1026647	Soil		0.3	5.8	3.3	90	<0.1	8.2	12.6	788	4.34	2.3	0.7	<0.5	15.6	23	<0.1	0.2	<0.1	47	0.51	0.127
1026648	Soil		0.7	33.0	7.7	72	<0.1	22.6	13.1	510	4.33	7.3	0.8	2.9	9.3	27	<0.1	0.5	0.1	70	0.41	0.064
1026649	Soil		0.9	31.5	8.4	69	0.1	29.0	11.7	451	2.74	7.6	0.5	2.6	4.4	54	0.3	0.7	0.2	56	1.18	0.080
1026650	Soil		0.5	28.9	8.7	67	0.1	24.8	10.6	540	2.71	7.0	0.5	2.5	4.7	56	0.3	0.6	0.2	53	1.10	0.079
1026673	Soil		0.4	36.6	1.6	55	<0.1	18.5	16.8	457	3.52	2.5	0.3	0.7	0.6	38	<0.1	<0.1	<0.1	79	0.58	0.070
1026674	Soil		0.6	54.5	9.8	72	<0.1	17.5	17.1	525	4.18	6.5	0.3	1.2	2.8	21	0.1	0.2	<0.1	77	0.44	0.051
1026675	Soil		0.2	15.6	9.5	75	<0.1	10.7	9.1	744	3.23	1.3	0.7	0.8	4.8	15	<0.1	<0.1	<0.1	29	0.53	0.089
1026676	Soil		0.4	147.4	6.3	46	0.2	9.4	6.5	824	1.85	3.7	0.7	4.0	2.2	85	<0.1	<0.1	<0.1	6	6.25	0.049
1026677	Soil		0.4	41.6	16.3	97	0.1	13.2	27.7	527	10.02	1.2	0.4	1.0	0.8	18	0.3	<0.1	<0.1	404	0.46	0.040
1026678	Soil		0.4	23.0	7.1	88	<0.1	30.9	13.9	505	3.47	6.0	0.3	<0.5	2.6	32	<0.1	0.1	<0.1	62	0.47	0.047
1026679	Soil		0.5	39.7	4.4	97	<0.1	15.7	25.4	688	6.15	2.6	0.2	<0.5	0.5	18	0.1	<0.1	<0.1	188	0.65	0.059
1026680	Soil		0.6	42.1	6.9	120	<0.1	14.8	15.8	903	4.61	5.0	0.3	1.3	1.6	19	0.1	0.2	<0.1	88	0.54	0.116
1026681	Soil		0.5	20.9	3.3	78	<0.1	7.5	12.2	688	4.39	2.5	0.7	0.6	5.1	25	<0.1	0.5	<0.1	69	0.67	0.149
1026682	Soil		0.4	16.0	3.1	77	<0.1	7.3	10.9	525	4.43	2.8	0.7	0.6	4.0	19	<0.1	0.3	<0.1	56	0.45	0.081
1026549	Soil		2.0	110.5	6.5	113	<0.1	19.0	24.8	1023	7.42	7.9	0.9	0.9	5.0	25	<0.1	0.1	<0.1	204	0.28	0.045
1026550	Soil		<0.1	4.4	1.2	26	<0.1	1.8	5.2	393	3.15	1.3	0.4	<0.5	3.6	14	<0.1	<0.1	<0.1	15	0.26	0.075
1026841	Soil		0.8	29.2	5.4	94	<0.1	21.1	15.9	717	4.30	6.0	0.5	3.0	2.4	50	0.1	0.3	0.1	79	0.31	0.059
1026842	Soil		0.8	24.8	6.4	79	<0.1	16.1	11.8	471	3.79	6.7	0.5	0.9	1.8	20	<0.1	0.4	0.1	75	0.21	0.060
1026843	Soil		0.6	72.0	4.0	78	<0.1	17.5	23.0	539	4.30	5.2	0.3	1.0	1.9	40	0.2	0.2	<0.1	97	0.87	0.285
1026844	Soil		0.9	18.0	7.1	64	<0.1	16.9	10.0	410	3.35	8.9	0.6	3.0	2.2	21	0.1	0.4	0.1	64	0.28	0.069
1026845	Soil		0.7	26.3	7.0	116	<0.1	13.7	16.0	768	5.02	4.6	0.4	0.7	2.2	25	<0.1	0.2	<0.1	88	0.44	0.098
1026846	Soil		0.6	36.0	5.9	80	0.1	11.8	11.4	369	3.73	4.5	0.5	1.4	1.6	45	0.1	0.2	<0.1	77	0.39	0.091
1026851	Soil		0.8	20.9	5.9	51	<0.1	19.6	9.9	275	2.77	6.4	0.4	1.8	1.6	30	0.2	0.2	0.2	64	0.27	0.043
1026852	Soil		0.8	31.4	6.9	59	0.1	22.7	11.6	282	3.19	7.1	0.6	1.4	2.2	28	<0.1	0.3	0.2	70	0.29	0.053
1026853	Soil		1.3	23.9	6.5	38	<0.1	14.1	6.6	172	2.39	5.2	0.6	<0.5	0.6	24	0.2	0.3	0.3	72	0.22	0.046
1026879	Soil		0.8	16.7	16.6	127	<0.1	8.4	4.8	752	4.23	5.1	0.4	<0.5	1.6	10	0.1	0.1	<0.1	27	0.18	0.056

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Project: PED
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026572	Soil		16	35	0.55	186	0.082	<1	2.03	0.010	0.04	0.2	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
1026573	Soil		11	34	0.55	206	0.074	<1	2.04	0.012	0.07	0.2	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1026578	Soil		20	40	0.55	130	0.098	<1	2.14	0.011	0.08	0.1	0.02	5.4	0.1	<0.05	6	<0.5	<0.2
1026646	Soil		13	30	0.41	208	0.067	1	1.48	0.010	0.13	0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1026647	Soil		33	8	0.89	163	0.191	<1	2.00	0.011	0.69	<0.1	<0.01	1.7	<0.1	<0.05	9	<0.5	<0.2
1026648	Soil		33	29	1.01	340	0.179	<1	2.79	0.019	0.49	<0.1	0.03	5.5	0.2	<0.05	9	<0.5	<0.2
1026649	Soil		14	28	0.66	353	0.088	1	1.44	0.033	0.12	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1026650	Soil		14	24	0.64	288	0.082	1	1.43	0.042	0.12	0.2	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
1026673	Soil		1	12	1.38	131	0.118	<1	2.27	0.028	0.20	<0.1	<0.01	4.9	<0.1	<0.05	7	<0.5	<0.2
1026674	Soil		6	22	1.23	177	0.094	<1	2.48	0.015	0.13	<0.1	0.01	4.9	<0.1	<0.05	7	<0.5	<0.2
1026675	Soil		28	5	0.87	157	0.007	<1	1.68	0.008	0.08	<0.1	0.01	3.8	0.1	<0.05	6	<0.5	<0.2
1026676	Soil		36	5	0.29	144	<0.001	<1	0.88	0.007	0.06	<0.1	0.04	3.2	<0.1	<0.05	2	<0.5	<0.2
1026677	Soil		3	42	0.56	150	0.115	<1	1.06	0.028	0.06	<0.1	0.01	11.9	<0.1	<0.05	12	<0.5	<0.2
1026678	Soil		6	44	1.41	215	0.066	<1	2.74	0.012	0.10	<0.1	<0.01	2.9	<0.1	<0.05	9	<0.5	<0.2
1026679	Soil		2	20	1.92	303	0.123	<1	2.84	0.047	0.06	<0.1	<0.01	11.0	<0.1	<0.05	11	<0.5	<0.2
1026680	Soil		6	35	1.32	207	0.102	<1	2.52	0.025	0.10	<0.1	0.01	7.3	<0.1	<0.05	9	<0.5	<0.2
1026681	Soil		27	11	0.94	280	0.004	<1	2.44	0.019	0.09	<0.1	<0.01	11.6	0.1	<0.05	7	<0.5	<0.2
1026682	Soil		5	13	1.02	410	0.055	<1	2.55	0.015	0.30	<0.1	<0.01	5.2	0.1	<0.05	8	<0.5	<0.2
1026549	Soil		10	53	1.73	363	0.332	<1	4.19	0.027	0.76	<0.1	0.01	16.2	0.4	<0.05	14	<0.5	<0.2
1026550	Soil		33	2	1.10	744	0.116	<1	1.85	0.014	0.40	<0.1	<0.01	8.9	<0.1	<0.05	11	<0.5	<0.2
1026841	Soil		9	38	1.26	269	0.192	<1	2.70	0.018	0.42	<0.1	0.04	3.4	0.3	<0.05	9	<0.5	<0.2
1026842	Soil		9	26	0.82	196	0.149	<1	1.97	0.013	0.27	0.1	0.04	3.7	0.3	<0.05	7	<0.5	<0.2
1026843	Soil		6	24	1.25	225	0.166	<1	2.32	0.030	0.41	0.1	0.03	4.3	0.2	<0.05	7	<0.5	<0.2
1026844	Soil		10	27	0.70	141	0.120	1	2.25	0.012	0.18	0.2	0.05	3.3	0.2	<0.05	7	<0.5	<0.2
1026845	Soil		9	22	1.15	212	0.210	<1	2.30	0.017	0.61	<0.1	0.04	4.8	0.4	<0.05	9	<0.5	<0.2
1026846	Soil		10	20	0.92	278	0.155	<1	2.33	0.019	0.33	<0.1	0.04	3.7	0.2	0.07	7	<0.5	<0.2
1026851	Soil		7	31	0.75	157	0.113	<1	1.89	0.015	0.10	0.3	0.03	2.6	0.1	0.06	7	<0.5	<0.2
1026852	Soil		9	37	0.89	253	0.112	<1	2.25	0.014	0.15	0.5	0.04	3.5	0.2	0.07	7	<0.5	<0.2
1026853	Soil		7	29	0.52	218	0.090	<1	1.42	0.015	0.11	0.6	0.04	2.2	0.1	0.07	8	<0.5	<0.2
1026879	Soil		5	12	0.60	256	0.136	<1	1.94	0.011	0.30	<0.1	<0.01	5.8	0.1	<0.05	10	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026880	Soil	0.8	15.9	6.6	108	<0.1	16.6	12.3	761	3.76	6.9	0.6	1.5	4.1	16	0.2	0.3	<0.1	51	0.27	0.088
1026881	Soil	0.4	8.0	4.1	299	<0.1	3.7	18.8	1004	6.65	2.0	0.3	<0.5	0.9	19	0.3	<0.1	<0.1	103	0.88	0.306
1026883	Soil	1.4	21.2	7.4	85	<0.1	16.0	9.7	1061	4.15	8.5	0.4	1.0	0.7	11	0.2	0.5	0.1	62	0.15	0.195
1026885	Soil	0.8	8.8	4.0	166	<0.1	5.8	9.8	1314	4.24	3.5	0.3	28.9	1.6	15	0.3	0.2	<0.1	41	0.33	0.144
1026887	Soil	1.2	9.3	8.8	41	<0.1	10.5	4.6	166	2.88	9.8	0.4	<0.5	2.9	14	<0.1	0.3	0.2	66	0.15	0.029
1026888	Soil	0.4	39.9	3.4	95	<0.1	32.7	29.7	1021	5.39	2.2	0.3	1.1	1.1	49	<0.1	<0.1	<0.1	131	0.95	0.115
1026889	Soil	0.8	20.9	6.0	150	<0.1	9.7	10.0	1232	5.30	3.9	0.6	1.2	3.9	21	<0.1	0.2	<0.1	70	0.35	0.070
1026890	Soil	0.4	80.5	1.8	71	<0.1	41.8	27.8	628	5.19	2.5	0.3	<0.5	1.5	54	<0.1	<0.1	<0.1	134	0.73	0.063
1026901	Soil	1.4	18.2	11.4	68	<0.1	24.2	11.8	516	3.23	11.9	0.7	1.2	5.2	15	<0.1	0.5	0.2	71	0.15	0.029
1026902	Soil	0.9	20.1	11.2	53	<0.1	25.3	9.1	274	2.78	10.1	0.9	1.4	9.9	17	<0.1	0.5	0.2	59	0.17	0.015
1026903	Soil	0.8	11.9	19.7	51	<0.1	16.6	7.6	427	2.34	5.7	1.8	1.9	23.1	8	0.1	0.4	0.5	49	0.08	0.040
1026904	Soil	0.9	25.9	11.2	53	<0.1	23.1	9.7	287	2.83	10.6	2.3	4.2	11.4	17	<0.1	0.6	0.2	62	0.15	0.035
1026905	Soil	0.8	16.2	15.5	47	<0.1	20.8	8.3	290	2.56	7.1	1.4	3.2	10.6	13	<0.1	0.4	0.4	54	0.16	0.027
1026906	Soil	1.3	12.9	12.6	46	0.1	14.9	7.8	289	2.89	10.1	1.1	2.9	4.0	14	0.2	0.3	0.3	74	0.15	0.050
1026911	Soil	0.9	12.6	29.4	34	<0.1	11.0	4.1	216	1.95	5.3	1.8	3.8	5.2	11	<0.1	0.3	0.8	48	0.12	0.025
1026912	Soil	0.9	9.2	23.0	50	<0.1	11.5	5.7	398	2.68	7.5	1.6	4.8	3.6	13	<0.1	0.3	0.6	55	0.14	0.060
1026914	Soil	2.1	9.2	16.1	52	<0.1	12.9	7.8	513	3.79	14.7	0.6	2.4	5.8	11	<0.1	0.5	0.3	91	0.11	0.087
1026915	Soil	1.0	14.0	14.6	48	<0.1	15.8	6.6	299	2.64	7.4	2.3	3.0	11.3	12	<0.1	0.6	0.4	64	0.12	0.020
1026916	Soil	1.0	23.7	14.7	56	<0.1	22.9	9.0	301	2.94	9.9	3.7	3.5	10.6	17	0.1	0.5	0.2	69	0.21	0.046
1026917	Soil	1.0	21.5	18.7	48	0.2	16.7	6.9	251	2.57	6.8	2.7	5.1	4.3	15	0.1	0.3	0.4	61	0.17	0.044
1026918	Soil	0.8	23.2	12.2	55	<0.1	23.1	9.2	409	2.91	9.9	5.6	4.7	15.9	23	<0.1	0.5	0.4	67	0.28	0.029
1026919	Soil	0.7	35.6	12.4	71	<0.1	28.3	10.6	544	2.98	9.3	2.2	4.4	12.8	34	0.1	0.6	0.7	69	0.50	0.090
1026920	Soil	1.0	23.2	24.7	57	<0.1	26.7	12.0	405	3.46	12.2	3.9	3.6	15.4	17	0.2	0.5	0.8	69	0.19	0.049
1026930	Soil	1.3	19.0	12.2	53	0.2	22.3	8.0	367	2.98	11.2	1.5	4.6	5.5	18	<0.1	0.4	0.2	71	0.19	0.036
1026931	Soil	1.0	13.2	14.5	54	0.1	17.8	6.1	362	2.67	9.8	1.7	2.1	6.9	20	0.1	0.5	0.5	66	0.23	0.045
1026936	Soil	1.1	18.9	11.4	63	<0.1	27.5	9.5	326	3.11	11.2	0.9	3.7	4.0	21	0.1	0.5	0.2	73	0.21	0.047
1026939	Soil	1.0	22.7	29.2	68	<0.1	23.9	9.3	407	3.15	11.7	2.0	3.0	23.9	19	<0.1	0.5	5.0	69	0.20	0.033
1026940	Soil	0.7	36.3	18.1	64	<0.1	25.9	11.4	493	3.01	9.6	5.9	4.9	30.1	30	<0.1	0.5	1.6	70	0.35	0.045
1026941	Soil	1.2	23.5	35.0	51	<0.1	13.8	5.5	289	2.43	8.3	2.4	1.7	21.6	21	<0.1	0.4	2.7	44	0.16	0.020
1026942	Soil	1.0	31.9	16.2	64	<0.1	28.3	10.5	428	3.07	10.1	2.9	6.0	21.8	26	<0.1	0.6	1.3	74	0.28	0.023

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002671.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026880	Soil	10	24	0.83	199	0.077	1	2.34	0.021	0.14	<0.1	0.01	6.4	<0.1	<0.05	9	<0.5	<0.2
1026881	Soil	6	4	1.94	387	0.175	<1	3.24	0.023	0.72	0.2	<0.01	10.3	0.3	<0.05	15	<0.5	<0.2
1026883	Soil	8	43	0.49	113	0.049	<1	1.91	0.015	0.10	<0.1	0.02	3.7	<0.1	<0.05	9	<0.5	<0.2
1026885	Soil	5	12	0.71	198	0.116	<1	1.88	0.014	0.59	<0.1	<0.01	3.4	0.2	<0.05	10	<0.5	<0.2
1026887	Soil	9	28	0.38	107	0.079	<1	1.68	0.009	0.05	0.1	0.02	2.5	0.1	<0.05	8	<0.5	<0.2
1026888	Soil	4	61	2.46	160	0.045	<1	3.39	0.016	0.02	<0.1	<0.01	13.4	<0.1	<0.05	9	<0.5	<0.2
1026889	Soil	17	16	1.23	392	0.076	<1	2.67	0.015	0.15	<0.1	0.01	8.7	<0.1	<0.05	12	<0.5	<0.2
1026890	Soil	4	63	2.81	181	0.083	<1	3.50	0.029	0.14	<0.1	<0.01	9.2	<0.1	<0.05	10	<0.5	<0.2
1026901	Soil	12	39	0.53	251	0.079	<1	2.61	0.011	0.05	0.1	0.02	3.9	0.2	0.05	7	<0.5	<0.2
1026902	Soil	10	38	0.57	176	0.079	<1	2.21	0.012	0.05	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1026903	Soil	9	25	0.31	100	0.041	2	1.82	0.008	0.06	0.3	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1026904	Soil	13	39	0.53	166	0.056	2	2.26	0.010	0.05	0.2	0.05	4.6	0.1	<0.05	5	<0.5	<0.2
1026905	Soil	9	25	0.44	137	0.052	2	1.71	0.009	0.05	0.2	0.03	2.6	0.1	<0.05	6	0.6	<0.2
1026906	Soil	10	30	0.40	159	0.054	2	1.88	0.008	0.04	0.2	0.04	2.6	0.2	<0.05	7	<0.5	<0.2
1026911	Soil	11	21	0.28	109	0.036	<1	1.42	0.008	0.05	0.2	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1026912	Soil	7	22	0.26	117	0.026	2	1.51	0.008	0.05	0.3	0.04	1.6	0.2	<0.05	6	0.5	<0.2
1026914	Soil	10	39	0.43	100	0.058	2	1.62	0.007	0.05	0.2	0.04	2.2	0.1	<0.05	8	<0.5	<0.2
1026915	Soil	8	28	0.43	100	0.071	1	1.57	0.008	0.04	0.3	0.04	2.4	0.2	<0.05	6	<0.5	<0.2
1026916	Soil	13	37	0.55	168	0.081	2	2.11	0.010	0.06	0.2	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1026917	Soil	11	30	0.42	174	0.055	2	1.88	0.010	0.06	0.1	0.04	2.9	0.2	<0.05	8	<0.5	<0.2
1026918	Soil	18	40	0.61	267	0.071	2	2.02	0.012	0.05	0.1	0.05	5.2	0.2	<0.05	5	0.7	<0.2
1026919	Soil	18	37	0.64	265	0.088	1	1.64	0.021	0.08	0.2	0.04	5.5	0.2	<0.05	5	<0.5	<0.2
1026920	Soil	14	40	0.55	187	0.067	2	2.53	0.010	0.07	0.2	0.04	4.1	0.2	<0.05	6	0.6	<0.2
1026930	Soil	10	37	0.51	237	0.051	2	2.15	0.009	0.04	0.2	0.04	3.0	0.1	<0.05	7	<0.5	<0.2
1026931	Soil	9	27	0.48	176	0.066	1	1.72	0.009	0.06	0.2	0.03	3.1	0.1	<0.05	7	<0.5	<0.2
1026936	Soil	9	36	0.55	246	0.065	3	2.50	0.008	0.05	0.2	0.04	2.9	0.1	<0.05	7	<0.5	<0.2
1026939	Soil	9	35	0.58	166	0.065	2	2.52	0.007	0.08	0.5	0.03	3.5	0.2	<0.05	8	<0.5	<0.2
1026940	Soil	34	42	0.68	228	0.097	2	1.95	0.015	0.07	0.2	0.06	6.9	0.2	<0.05	6	0.7	<0.2
1026941	Soil	13	23	0.37	142	0.014	2	1.94	0.007	0.07	0.6	0.02	2.8	0.2	<0.05	5	<0.5	<0.2
1026942	Soil	25	43	0.67	197	0.101	3	2.08	0.015	0.06	0.2	0.04	6.2	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002671.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1026943	Soil	0.7	12.5	29.2	50	<0.1	13.1	5.3	459	2.45	7.1	3.3	2.7	16.7	22	<0.1	0.4	0.8	60	0.24	0.032
1026944	Soil	1.0	17.0	23.4	54	0.1	16.5	7.9	375	2.76	8.6	3.2	3.1	19.0	18	<0.1	0.4	0.6	60	0.18	0.031
1026945	Soil	1.0	22.2	10.9	55	<0.1	27.8	12.5	380	3.03	11.5	0.6	3.7	6.8	16	<0.1	0.6	0.2	71	0.15	0.028
1026946	Soil	1.0	12.9	15.6	56	<0.1	21.1	10.8	903	3.10	7.9	0.9	0.6	7.4	19	<0.1	0.4	0.3	75	0.20	0.039
1026947	Soil	1.1	13.0	15.6	70	<0.1	22.6	9.8	369	3.39	10.1	0.7	1.8	5.2	16	0.1	0.5	0.3	77	0.16	0.053
1027551	Soil	1.8	59.4	7.9	62	0.1	26.6	11.1	291	2.83	6.7	1.0	4.3	3.0	30	0.1	0.4	2.4	72	0.35	0.069
1027552	Soil	1.0	31.9	6.1	56	<0.1	34.1	11.5	323	2.43	6.1	0.5	2.8	2.3	28	0.2	0.4	3.5	60	0.30	0.071
1027553	Soil	1.1	34.1	8.1	58	<0.1	24.0	10.8	276	2.51	6.6	0.8	2.2	3.1	24	0.1	0.4	2.0	62	0.30	0.071
1027554	Soil	1.1	40.0	8.0	55	0.1	24.1	10.2	229	2.63	8.0	0.9	7.0	2.8	29	<0.1	0.5	0.7	67	0.33	0.066
1027555	Soil	1.0	35.6	8.2	78	<0.1	28.0	16.1	550	3.52	9.9	0.6	3.6	3.5	33	0.3	0.4	0.2	82	0.32	0.063
1027556	Soil	0.9	41.0	7.1	62	<0.1	22.4	12.0	421	2.97	7.7	0.6	2.2	2.9	27	0.2	0.4	0.3	74	0.25	0.055
1027557	Soil	0.7	29.3	7.3	56	0.1	21.9	8.8	216	2.37	6.4	0.7	4.8	2.4	26	<0.1	0.4	0.9	64	0.32	0.070
1027771	Soil	0.9	13.0	20.3	52	<0.1	19.8	8.0	351	2.55	7.6	1.7	2.1	15.4	17	<0.1	0.5	0.8	61	0.17	0.030
1027772	Soil	1.1	22.2	16.3	66	<0.1	25.5	9.9	437	3.30	11.4	2.8	4.4	20.4	18	<0.1	0.5	0.4	82	0.17	0.025
1027773	Soil	1.0	22.4	13.7	61	<0.1	25.1	9.5	339	3.17	11.6	2.3	1.9	21.4	17	<0.1	0.6	0.3	82	0.16	0.020
1027774	Soil	1.0	12.4	14.7	42	<0.1	12.8	5.4	263	2.76	9.3	0.8	3.5	0.7	14	0.2	0.5	0.5	79	0.14	0.055
1027775	Soil	1.2	18.3	15.1	54	<0.1	20.7	10.0	320	3.36	10.9	1.1	1.8	12.6	15	<0.1	0.7	0.2	77	0.12	0.025
1027776	Soil	0.9	26.6	19.7	58	<0.1	24.2	9.8	398	2.93	8.5	12.3	3.9	34.2	21	<0.1	0.5	0.4	66	0.24	0.049
1027777	Soil	1.1	18.0	22.5	69	<0.1	21.4	9.1	299	3.11	11.6	1.5	2.7	13.7	19	<0.1	0.6	0.4	67	0.14	0.015
1027778	Soil	1.5	12.7	19.8	60	<0.1	17.4	9.3	490	3.69	11.8	0.7	<0.5	6.2	14	<0.1	0.8	0.5	85	0.14	0.035
1027779	Soil	1.1	15.7	26.5	62	<0.1	20.4	8.7	391	3.45	11.2	1.7	2.6	11.8	18	<0.1	0.6	1.0	87	0.17	0.025
1027780	Soil	0.8	18.3	27.2	62	<0.1	20.7	10.0	525	2.89	7.3	3.6	3.0	21.8	23	<0.1	0.4	0.8	68	0.25	0.037
1027781	Soil	0.9	25.8	18.8	55	<0.1	26.0	11.0	345	3.15	10.2	2.2	4.3	13.8	24	<0.1	0.6	19.9	71	0.20	0.022
1027782	Soil	0.8	18.1	21.8	54	<0.1	22.5	9.7	306	3.10	9.1	1.9	1.6	18.2	17	<0.1	0.5	0.8	66	0.15	0.022
1027783	Soil	0.6	16.4	46.9	60	<0.1	15.8	8.0	706	2.31	5.5	6.1	1.7	46.5	21	0.1	0.4	1.6	40	0.24	0.039
1027784	Soil	0.7	15.8	18.3	54	<0.1	24.3	13.4	296	2.91	11.2	1.2	2.3	9.3	17	0.2	0.5	0.5	62	0.15	0.033
1027785	Soil	1.1	6.8	28.6	52	<0.1	8.9	7.1	684	2.79	8.6	3.9	1.6	18.4	9	<0.1	0.5	1.1	62	0.10	0.060
1027786	Soil	0.7	30.8	31.0	62	<0.1	29.0	11.8	602	3.13	9.8	2.1	5.6	15.9	30	<0.1	0.6	0.6	67	0.30	0.039
1027787	Soil	1.4	20.2	56.4	49	0.1	12.7	6.2	560	1.96	5.8	4.7	2.0	23.7	17	0.1	0.9	14.0	42	0.19	0.021
1027788	Soil	1.1	12.8	19.1	48	<0.1	17.2	7.8	192	3.42	9.4	0.8	2.8	3.6	20	<0.1	0.5	0.4	82	0.21	0.032

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1026943	Soil		13	22	0.44	154	0.047	2	1.66	0.010	0.09	0.4	0.02	2.9	0.2	<0.05	8	<0.5	<0.2
1026944	Soil		16	29	0.47	178	0.036	1	2.05	0.010	0.05	0.2	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1026945	Soil		9	39	0.58	265	0.076	2	2.57	0.011	0.05	<0.1	0.03	3.0	0.2	<0.05	6	<0.5	<0.2
1026946	Soil		9	31	0.49	234	0.066	2	2.32	0.011	0.05	0.1	0.03	2.9	0.2	<0.05	8	<0.5	<0.2
1026947	Soil		8	34	0.49	218	0.064	2	2.37	0.010	0.06	0.1	0.02	2.5	0.2	<0.05	8	<0.5	<0.2
1027551	Soil		13	39	0.77	288	0.105	2	2.21	0.013	0.12	0.4	0.05	5.1	0.1	<0.05	7	0.6	<0.2
1027552	Soil		9	54	0.76	180	0.086	2	1.75	0.013	0.10	0.9	0.03	2.5	0.2	<0.05	5	<0.5	<0.2
1027553	Soil		10	33	0.71	193	0.089	<1	2.13	0.013	0.11	0.5	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1027554	Soil		12	33	0.69	261	0.085	2	2.01	0.013	0.08	0.3	0.05	4.0	0.1	<0.05	6	<0.5	<0.2
1027555	Soil		10	43	0.84	236	0.127	2	2.48	0.013	0.14	0.4	0.04	4.0	0.2	<0.05	8	<0.5	<0.2
1027556	Soil		9	33	0.75	180	0.108	2	2.08	0.013	0.11	0.8	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1027557	Soil		11	30	0.67	193	0.090	3	1.83	0.014	0.09	0.3	0.04	3.2	0.1	<0.05	6	<0.5	<0.2
1027771	Soil		11	31	0.48	134	0.053	2	1.98	0.009	0.07	0.3	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1027772	Soil		22	43	0.68	184	0.091	2	2.60	0.010	0.05	0.1	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1027773	Soil		20	43	0.64	178	0.089	1	2.58	0.010	0.05	0.1	0.03	3.7	0.2	<0.05	7	<0.5	0.2
1027774	Soil		10	26	0.39	103	0.058	1	1.47	0.010	0.05	0.1	0.02	1.5	0.1	0.08	8	<0.5	<0.2
1027775	Soil		10	39	0.55	138	0.074	<1	2.51	0.010	0.04	0.1	0.05	3.3	0.2	0.06	7	<0.5	<0.2
1027776	Soil		23	37	0.63	171	0.084	2	2.36	0.012	0.06	0.2	0.04	4.3	0.2	0.07	6	<0.5	<0.2
1027777	Soil		14	38	0.55	186	0.059	1	2.66	0.009	0.04	0.3	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1027778	Soil		10	35	0.46	142	0.064	<1	2.25	0.007	0.05	0.2	0.03	2.8	0.2	0.06	8	<0.5	<0.2
1027779	Soil		11	36	0.58	142	0.101	1	2.20	0.011	0.05	0.3	0.03	3.4	0.2	<0.05	8	<0.5	<0.2
1027780	Soil		18	34	0.56	166	0.101	<1	2.07	0.015	0.05	0.3	0.02	4.3	0.2	<0.05	7	<0.5	<0.2
1027781	Soil		18	42	0.58	225	0.090	<1	2.21	0.011	0.05	0.2	0.04	5.7	0.1	<0.05	6	<0.5	<0.2
1027782	Soil		15	35	0.52	139	0.090	1	2.21	0.010	0.05	0.3	0.03	3.9	0.2	<0.05	6	<0.5	<0.2
1027783	Soil		43	20	0.47	177	0.044	<1	1.52	0.011	0.10	0.4	0.03	5.0	0.4	<0.05	6	<0.5	<0.2
1027784	Soil		11	35	0.50	147	0.068	2	2.33	0.010	0.05	0.1	0.04	3.1	0.2	<0.05	6	<0.5	<0.2
1027785	Soil		6	21	0.36	78	0.055	2	1.42	0.008	0.06	0.5	0.02	2.8	0.2	<0.05	8	<0.5	<0.2
1027786	Soil		21	37	0.60	271	0.085	1	1.95	0.014	0.06	0.2	0.05	6.5	0.1	<0.05	6	0.6	<0.2
1027787	Soil		28	21	0.34	151	0.060	1	1.18	0.009	0.04	0.5	0.02	3.0	0.1	<0.05	4	<0.5	<0.2
1027788	Soil		10	34	0.47	160	0.083	<1	2.18	0.009	0.04	0.2	0.04	3.2	0.2	<0.05	9	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002671.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1027789	Soil	0.9	28.0	11.6	59	<0.1	28.3	14.0	318	3.48	10.7	0.9	4.8	6.4	24	<0.1	0.5	0.2	79	0.23	0.026
1027790	Soil	1.5	19.3	9.5	58	<0.1	23.0	12.8	316	4.27	10.0	0.6	1.5	4.0	16	0.1	0.5	0.2	88	0.16	0.026
1027856	Soil	1.0	24.2	13.1	70	<0.1	19.9	10.9	397	3.40	9.2	0.7	1.0	2.4	25	0.2	0.5	0.2	70	0.22	0.039
1027857	Soil	0.8	39.6	7.3	84	0.1	17.8	10.5	359	3.32	6.7	0.6	1.0	2.9	23	<0.1	0.4	0.2	73	0.26	0.056
1027858	Soil	0.9	40.1	7.8	127	<0.1	18.2	15.0	619	3.97	6.2	0.6	1.8	2.8	29	0.2	0.4	0.1	90	0.25	0.045
1027951	Soil	1.1	14.4	9.1	68	<0.1	17.8	13.2	470	3.78	9.8	0.5	0.8	4.6	25	<0.1	0.5	0.1	83	0.22	0.046
1027952	Soil	1.0	16.4	7.5	98	<0.1	10.4	18.9	1151	5.21	3.7	1.7	0.8	14.3	38	<0.1	0.2	<0.1	116	0.56	0.105
1027953	Soil	1.2	23.0	7.1	105	<0.1	11.4	18.9	1035	5.22	5.0	1.4	<0.5	12.0	38	0.2	0.2	<0.1	111	0.49	0.091
1027954	Soil	3.8	19.5	6.8	110	0.2	16.8	25.1	576	6.93	4.6	0.8	0.5	2.6	25	0.1	2.7	0.6	175	0.44	0.048
1027955	Soil	0.3	15.6	4.8	50	<0.1	6.3	3.5	222	1.80	3.2	0.7	1.0	7.4	16	<0.1	0.6	<0.1	44	0.20	0.030
1027956	Soil	0.7	44.1	7.0	54	<0.1	22.4	13.6	332	2.87	5.8	0.7	2.0	3.2	30	<0.1	0.4	<0.1	68	0.42	0.053
1027957	Soil	1.0	52.0	4.4	51	<0.1	34.8	16.9	377	2.97	4.6	0.4	5.9	2.6	30	<0.1	0.3	<0.1	64	0.46	0.030
1027958	Soil	0.7	27.9	11.3	63	<0.1	20.9	12.9	379	3.36	7.7	1.5	2.8	6.8	24	0.2	0.6	0.2	65	0.20	0.023
1027959	Soil	0.3	19.7	6.6	52	<0.1	28.0	21.9	553	5.95	2.6	0.7	0.9	2.1	37	<0.1	0.5	<0.1	149	1.06	0.199
1027960	Soil	0.8	38.8	22.8	205	<0.1	24.5	13.3	676	4.03	7.6	1.2	2.4	10.3	29	0.2	0.6	<0.1	84	0.33	0.053
1027961	Soil	0.6	12.0	14.0	107	<0.1	7.6	6.0	710	4.04	5.7	0.3	1.6	3.1	12	0.2	0.3	<0.1	38	0.16	0.044
1027962	Soil	0.7	22.4	5.7	191	<0.1	9.6	8.9	741	5.41	1.4	0.8	<0.5	5.2	23	<0.1	0.1	<0.1	37	0.24	0.047
1027963	Soil	0.6	37.4	11.5	92	<0.1	17.9	19.5	865	5.06	2.4	0.5	<0.5	4.2	25	<0.1	0.2	<0.1	116	0.58	0.080
1027964	Soil	0.4	16.0	4.6	276	<0.1	7.8	10.9	1240	5.41	1.6	0.3	0.6	1.3	18	0.3	0.2	<0.1	45	0.29	0.070
1027965	Soil	0.2	105.7	1.3	57	<0.1	91.8	30.2	1346	3.46	1.2	0.3	1.4	0.3	28	<0.1	0.8	<0.1	69	0.67	0.076
1027966	Soil	1.2	16.0	10.7	55	<0.1	10.0	7.1	218	3.13	8.0	0.5	1.5	2.1	15	0.1	0.9	0.2	67	0.15	0.041
1027967	Soil	0.6	9.6	6.5	100	<0.1	7.5	12.5	557	4.44	1.3	0.3	<0.5	2.8	17	<0.1	0.2	<0.1	61	0.30	0.081
1027968	Soil	0.7	22.8	8.9	66	<0.1	23.2	11.2	330	3.29	8.2	0.6	4.0	4.7	23	<0.1	0.6	0.1	69	0.22	0.027
1027975	Soil	0.2	106.4	1.3	53	<0.1	30.5	17.3	325	3.16	1.1	0.6	2.2	2.9	36	<0.1	0.1	0.1	79	0.57	0.073
1027976	Soil	0.5	67.3	4.5	85	<0.1	29.5	22.6	562	5.51	2.4	0.5	1.3	3.5	119	<0.1	0.2	<0.1	130	0.58	0.049
1027977	Soil	0.2	102.8	1.7	67	<0.1	11.9	20.8	666	4.36	<0.5	0.5	1.0	2.1	28	<0.1	0.1	<0.1	106	0.74	0.153
1027978	Soil	0.4	8.3	3.6	41	<0.1	6.3	6.8	181	1.81	0.6	0.3	1.5	0.8	19	<0.1	0.1	<0.1	25	0.34	0.020
1027979	Soil	0.3	49.6	7.8	77	<0.1	29.8	15.7	857	3.75	4.2	0.9	2.7	6.4	32	<0.1	0.6	0.1	68	0.57	0.062
1027980	Soil	0.4	58.6	4.6	73	<0.1	38.0	23.8	593	4.47	3.5	0.4	0.7	3.0	53	<0.1	0.5	0.1	109	0.60	0.046
1027981	Soil	0.3	10.9	4.5	86	<0.1	35.4	24.6	526	4.33	2.7	0.3	0.9	2.0	62	<0.1	0.2	<0.1	98	0.76	0.064

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Project: PED
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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1027789	Soil	14	51	0.70	239	0.105	1	2.63	0.013	0.06	0.1	0.02	5.0	0.1	<0.05	7	0.6	<0.2
1027790	Soil	9	44	0.71	176	0.118	1	2.81	0.011	0.08	0.2	0.02	3.9	0.1	<0.05	8	<0.5	<0.2
1027856	Soil	10	29	0.63	191	0.088	2	2.06	0.010	0.10	0.2	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1027857	Soil	9	29	0.77	156	0.142	2	2.06	0.014	0.15	0.2	0.03	3.8	0.1	<0.05	7	0.6	<0.2
1027858	Soil	10	31	0.93	184	0.183	<1	2.18	0.016	0.32	0.2	0.03	4.2	0.2	<0.05	8	<0.5	<0.2
1027951	Soil	11	30	0.73	203	0.124	1	2.28	0.009	0.19	<0.1	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
1027952	Soil	23	18	1.35	280	0.134	1	2.50	0.013	0.71	<0.1	<0.01	7.5	0.2	<0.05	9	<0.5	<0.2
1027953	Soil	26	20	1.54	320	0.199	2	2.73	0.014	0.84	<0.1	0.01	5.4	0.2	<0.05	9	0.6	<0.2
1027954	Soil	10	34	0.51	253	0.021	2	1.86	0.019	0.08	<0.1	0.02	15.3	<0.1	<0.05	7	0.7	<0.2
1027955	Soil	22	10	0.21	193	0.010	1	1.07	0.006	0.04	<0.1	0.02	12.8	<0.1	<0.05	3	0.6	<0.2
1027956	Soil	11	35	0.77	237	0.107	<1	2.02	0.023	0.05	<0.1	0.02	6.0	<0.1	<0.05	6	0.6	<0.2
1027957	Soil	8	52	1.01	186	0.067	1	1.97	0.018	0.04	0.1	0.03	6.2	<0.1	<0.05	5	<0.5	<0.2
1027958	Soil	22	34	0.62	426	0.102	<1	2.28	0.012	0.12	0.1	0.03	6.8	0.1	<0.05	6	0.6	<0.2
1027959	Soil	6	88	1.45	227	0.031	1	2.62	0.034	0.03	0.1	<0.01	15.5	<0.1	<0.05	11	0.8	<0.2
1027960	Soil	24	49	0.70	360	0.042	2	2.33	0.013	0.07	<0.1	0.03	10.0	0.1	<0.05	8	0.6	<0.2
1027961	Soil	7	12	0.61	173	0.098	1	2.05	0.008	0.27	<0.1	<0.01	7.5	<0.1	<0.05	10	<0.5	<0.2
1027962	Soil	30	18	0.71	683	0.003	<1	2.08	0.008	0.09	<0.1	<0.01	7.1	<0.1	<0.05	9	0.7	<0.2
1027963	Soil	8	36	1.13	135	0.105	<1	2.25	0.035	0.05	<0.1	<0.01	9.9	<0.1	<0.05	10	0.7	<0.2
1027964	Soil	5	10	1.12	265	0.252	<1	2.61	0.009	0.92	<0.1	<0.01	2.9	0.4	<0.05	13	0.5	<0.2
1027965	Soil	5	257	2.05	213	0.062	1	2.24	0.013	0.06	<0.1	0.01	10.3	0.1	<0.05	5	<0.5	<0.2
1027966	Soil	9	24	0.38	151	0.048	<1	1.61	0.008	0.05	0.1	0.03	3.4	0.2	<0.05	7	<0.5	0.2
1027967	Soil	5	11	0.93	231	0.238	<1	2.52	0.008	0.87	0.1	0.01	1.8	0.3	<0.05	8	<0.5	0.2
1027968	Soil	10	38	0.74	242	0.135	2	2.13	0.013	0.17	0.1	0.02	4.2	<0.1	<0.05	6	<0.5	0.2
1027975	Soil	6	27	1.74	154	0.040	1	2.47	0.026	0.05	<0.1	<0.01	8.2	0.1	<0.05	7	<0.5	<0.2
1027976	Soil	8	25	2.06	406	0.090	<1	3.72	0.012	0.28	0.1	0.01	7.1	0.1	<0.05	11	<0.5	<0.2
1027977	Soil	9	6	1.48	313	0.225	<1	2.43	0.019	0.40	<0.1	<0.01	5.0	0.2	<0.05	7	<0.5	<0.2
1027978	Soil	2	8	0.54	237	0.002	<1	1.55	0.008	0.08	<0.1	0.01	1.6	<0.1	<0.05	5	<0.5	<0.2
1027979	Soil	25	34	0.99	389	0.023	<1	1.92	0.014	0.08	0.2	0.05	7.6	<0.1	<0.05	7	<0.5	<0.2
1027980	Soil	7	34	1.43	250	0.098	<1	2.90	0.014	0.16	0.1	0.01	6.8	<0.1	<0.05	9	<0.5	<0.2
1027981	Soil	4	35	2.37	203	0.053	<1	3.51	0.008	0.06	<0.1	0.01	6.5	<0.1	<0.05	11	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1027982	Soil	1.2	25.1	9.8	70	<0.1	49.1	16.8	384	4.25	10.6	0.4	6.8	2.7	20	<0.1	0.6	0.2	89	0.20	0.034
1027983	Soil	0.5	55.6	3.6	85	<0.1	13.9	24.0	426	4.55	2.1	0.3	1.4	3.4	57	<0.1	0.3	<0.1	136	0.49	0.020
1027984	Soil	1.2	29.6	8.2	77	<0.1	24.7	15.7	463	4.10	7.8	0.4	1.0	2.9	21	<0.1	0.5	0.1	93	0.22	0.067
1027985	Soil	0.6	36.7	9.0	62	<0.1	28.7	12.8	390	3.28	9.9	1.1	4.1	5.3	34	<0.1	0.7	0.2	74	0.34	0.024
1027986	Soil	0.8	19.5	13.5	183	<0.1	26.4	23.1	1026	5.18	4.8	1.0	1.6	4.0	20	0.3	0.9	<0.1	105	0.50	0.042
1027987	Soil	1.1	25.1	7.3	55	<0.1	23.9	14.2	333	3.53	6.1	0.6	2.4	3.3	23	<0.1	0.4	0.1	95	0.38	0.035
1029752	Soil	0.7	10.9	9.5	58	<0.1	16.4	9.9	445	2.58	4.5	0.4	1.2	2.5	25	<0.1	0.5	0.1	58	0.27	0.030
1029753	Soil	0.8	22.9	10.5	68	<0.1	23.0	11.0	332	3.01	8.9	0.8	2.0	5.9	21	<0.1	0.7	0.2	69	0.18	0.022
1029754	Soil	0.6	15.1	7.7	90	<0.1	18.6	16.6	532	3.95	7.3	0.4	<0.5	6.2	37	0.1	0.4	0.1	93	0.45	0.096
1029755	Soil	0.6	13.1	7.6	102	<0.1	17.9	18.0	731	4.24	5.1	0.3	1.0	5.4	42	0.2	0.4	0.1	95	0.52	0.114
1029760	Soil	0.8	22.9	9.6	57	<0.1	21.6	10.5	276	2.84	8.9	0.6	4.2	4.8	19	0.2	0.7	0.2	64	0.17	0.021
1029761	Soil	1.1	13.2	10.2	57	0.1	16.7	9.4	531	3.28	8.3	0.4	1.1	2.4	23	0.1	0.7	0.2	75	0.22	0.039
1029762	Soil	0.8	22.0	8.5	62	<0.1	22.6	13.2	358	3.05	10.0	0.7	2.5	5.3	23	<0.1	0.6	0.1	64	0.24	0.041
1029763	Soil	0.8	36.5	7.4	110	<0.1	26.2	25.6	956	5.37	9.1	0.6	1.9	7.8	30	0.2	0.5	0.1	130	0.38	0.059
1029764	Soil	1.0	28.2	8.5	99	<0.1	18.3	21.4	717	4.86	6.3	0.7	0.7	5.4	25	<0.1	0.4	0.1	114	0.25	0.051
1029765	Soil	0.9	29.7	8.1	101	<0.1	18.7	22.4	769	5.02	6.2	0.7	0.6	5.6	26	<0.1	0.4	<0.1	118	0.27	0.053
1029766	Soil	1.4	62.3	7.5	86	<0.1	31.4	20.5	712	4.99	4.7	1.2	<0.5	14.7	33	0.2	0.4	0.2	108	0.38	0.048
1029767	Soil	0.6	27.1	7.9	73	<0.1	22.4	15.4	557	3.81	7.1	0.9	7.0	5.9	35	<0.1	0.6	0.1	86	0.40	0.056
1029768	Soil	0.8	28.5	9.3	56	<0.1	23.9	10.8	284	2.88	9.8	1.0	5.7	5.8	24	<0.1	0.7	0.2	64	0.21	0.026
1029769	Soil	1.2	20.8	12.7	67	0.2	21.5	12.4	465	3.53	10.1	0.6	1.9	4.3	16	0.2	0.6	0.2	74	0.19	0.059
1029770	Soil	1.4	19.5	10.9	74	<0.1	23.6	11.6	420	3.71	12.0	0.6	1.1	5.7	25	0.1	0.7	0.2	79	0.22	0.051
1029771	Soil	1.6	46.2	9.8	130	0.1	34.5	16.5	476	4.10	66.7	1.5	1.8	5.9	31	0.3	0.4	0.1	101	0.38	0.133
1029772	Soil	1.3	34.8	11.4	61	<0.1	22.7	13.3	502	3.17	10.6	1.9	4.1	7.5	23	<0.1	0.7	0.2	67	0.21	0.032
1029773	Soil	0.5	30.6	10.4	79	0.2	26.9	13.7	547	3.22	27.8	0.8	3.4	4.8	28	0.1	0.3	0.9	71	1.12	0.070
1029774	Soil	1.0	17.6	10.6	97	<0.1	22.5	12.8	534	3.13	9.6	0.5	0.9	3.3	19	0.2	0.6	0.2	72	0.19	0.051
1029775	Soil	1.1	25.4	8.7	65	<0.1	26.7	12.0	267	2.88	12.9	0.4	4.0	3.6	21	<0.1	0.6	0.1	75	0.23	0.031
1029776	Soil	1.0	56.4	8.5	66	<0.1	29.1	16.1	332	3.19	9.9	0.7	1.4	4.1	29	<0.1	0.5	0.1	81	0.27	0.029
1029777	Soil	1.0	36.0	8.7	52	<0.1	22.3	12.1	311	2.80	10.5	1.0	4.7	4.8	21	<0.1	0.6	0.1	74	0.22	0.029
1029778	Soil	0.9	27.9	10.0	60	<0.1	21.8	12.9	351	3.12	10.5	0.8	1.6	4.4	18	<0.1	0.6	0.2	79	0.19	0.035
1029779	Soil	1.3	20.7	10.9	44	<0.1	18.1	11.8	292	2.90	10.4	1.2	2.5	5.6	16	<0.1	0.7	0.2	72	0.15	0.027

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002671.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1027982	Soil		7	39	1.13	170	0.137	2	2.90	0.011	0.12	0.1	0.02	3.2	<0.1	<0.05	8	<0.5	<0.2
1027983	Soil		8	13	1.84	329	0.149	<1	3.43	0.010	0.11	<0.1	0.01	4.5	<0.1	<0.05	9	<0.5	<0.2
1027984	Soil		6	40	1.12	183	0.176	2	2.71	0.012	0.19	0.1	0.02	2.7	<0.1	<0.05	9	<0.5	<0.2
1027985	Soil		19	43	0.76	377	0.102	<1	2.25	0.020	0.06	0.2	0.05	7.2	<0.1	<0.05	6	<0.5	<0.2
1027986	Soil		18	26	0.61	729	0.005	2	1.67	0.007	0.09	<0.1	0.05	14.1	0.2	<0.05	6	0.6	<0.2
1027987	Soil		9	43	0.97	365	0.092	2	2.17	0.019	0.08	<0.1	0.02	5.2	<0.1	<0.05	7	<0.5	<0.2
1029752	Soil		8	26	0.54	348	0.062	1	1.61	0.019	0.14	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1029753	Soil		13	39	0.62	241	0.095	<1	2.08	0.012	0.06	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1029754	Soil		7	27	1.22	302	0.208	1	2.73	0.013	0.11	0.1	0.02	2.2	<0.1	<0.05	8	<0.5	<0.2
1029755	Soil		7	25	1.33	407	0.246	2	2.79	0.019	0.10	0.1	0.02	2.2	<0.1	<0.05	8	<0.5	<0.2
1029760	Soil		10	35	0.58	209	0.100	<1	1.79	0.011	0.07	0.2	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1029761	Soil		8	29	0.53	306	0.087	1	1.78	0.010	0.07	0.2	0.02	2.2	<0.1	<0.05	7	<0.5	<0.2
1029762	Soil		10	31	0.80	188	0.108	1	2.14	0.011	0.15	0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1029763	Soil		8	33	1.88	359	0.342	<1	3.84	0.015	0.78	0.1	0.03	2.8	0.3	<0.05	10	<0.5	<0.2
1029764	Soil		9	31	1.57	269	0.288	<1	3.21	0.014	0.71	<0.1	<0.01	3.6	0.2	<0.05	9	<0.5	0.2
1029765	Soil		8	30	1.63	283	0.307	1	3.28	0.014	0.75	<0.1	0.01	3.8	0.2	<0.05	10	<0.5	0.2
1029766	Soil		18	69	1.51	255	0.356	<1	3.78	0.023	0.53	0.4	0.01	5.4	0.2	<0.05	13	0.6	<0.2
1029767	Soil		15	32	1.16	309	0.190	1	2.52	0.018	0.25	0.2	0.03	4.1	0.1	<0.05	8	<0.5	<0.2
1029768	Soil		14	41	0.66	237	0.088	<1	2.08	0.012	0.06	0.1	0.02	3.8	<0.1	<0.05	5	0.6	<0.2
1029769	Soil		10	37	0.72	196	0.105	<1	2.44	0.011	0.09	0.2	0.02	2.7	0.1	<0.05	8	<0.5	<0.2
1029770	Soil		11	42	0.99	241	0.153	1	2.50	0.011	0.21	0.1	0.02	3.2	0.1	<0.05	8	<0.5	<0.2
1029771	Soil		10	38	1.28	373	0.241	<1	3.29	0.022	0.56	0.2	0.02	3.8	0.2	<0.05	9	<0.5	<0.2
1029772	Soil		18	45	0.67	204	0.092	2	2.35	0.016	0.07	0.1	0.02	5.8	0.1	<0.05	6	0.6	<0.2
1029773	Soil		20	51	3.66	194	0.081	1	3.25	0.022	0.05	0.1	0.05	7.5	<0.1	<0.05	8	<0.5	<0.2
1029774	Soil		9	37	0.60	272	0.079	2	2.33	0.012	0.08	0.2	0.02	2.7	<0.1	<0.05	7	<0.5	<0.2
1029775	Soil		8	38	0.53	216	0.088	1	2.38	0.010	0.08	<0.1	0.02	2.7	<0.1	<0.05	6	0.6	<0.2
1029776	Soil		9	42	0.93	203	0.142	1	2.62	0.013	0.08	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1029777	Soil		16	39	0.57	197	0.104	2	2.01	0.011	0.06	0.1	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
1029778	Soil		10	41	0.53	188	0.082	1	2.50	0.014	0.05	0.1	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1029779	Soil		14	43	0.47	193	0.079	1	2.58	0.011	0.04	0.1	0.03	4.7	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002671.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029780	Soil	1.1	28.3	10.3	60	<0.1	25.2	12.1	321	2.91	10.9	0.9	1.3	5.8	16	<0.1	0.7	0.2	70	0.17	0.030
1029781	Soil	1.0	21.9	11.8	63	<0.1	20.4	10.6	413	3.14	11.3	1.7	3.1	6.3	18	<0.1	0.7	0.2	72	0.18	0.033
1029782	Soil	0.8	24.1	8.0	52	<0.1	24.8	12.7	654	3.60	7.1	0.9	3.4	4.7	22	<0.1	0.5	0.1	81	0.29	0.023
1029783	Soil	0.5	53.7	6.2	71	<0.1	25.6	17.5	570	3.18	9.9	0.4	<0.5	3.4	106	<0.1	0.2	<0.1	78	1.53	0.075
1029784	Soil	0.9	44.7	7.9	55	<0.1	34.1	16.8	426	3.04	9.1	0.3	0.6	3.0	55	0.1	0.4	0.1	78	0.77	0.043
1029785	Soil	1.0	24.9	9.2	63	<0.1	30.5	14.1	366	3.10	11.2	0.7	1.1	5.1	21	0.1	0.6	0.2	75	0.23	0.031
1029786	Soil	1.0	23.8	9.1	58	<0.1	28.3	13.8	345	2.87	12.0	0.6	2.4	4.5	20	<0.1	0.6	0.2	70	0.21	0.036
1029787	Soil	0.7	43.8	8.2	64	<0.1	22.7	18.9	512	3.86	7.8	0.5	1.6	3.6	50	0.1	0.5	<0.1	100	0.54	0.033
1029788	Soil	0.3	41.9	4.9	72	<0.1	31.7	21.7	651	4.06	3.5	0.5	<0.5	3.2	84	<0.1	0.3	<0.1	107	0.93	0.050

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS VAN11002671.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029780	Soil	12	41	0.48	222	0.074	1	2.34	0.010	0.05	0.2	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1029781	Soil	19	43	0.50	243	0.075	1	2.36	0.010	0.05	0.2	0.03	6.2	0.1	<0.05	6	<0.5	<0.2
1029782	Soil	16	39	0.84	271	0.071	2	2.46	0.012	0.07	0.1	0.03	7.4	<0.1	<0.05	7	<0.5	<0.2
1029783	Soil	7	29	1.22	205	0.183	2	4.76	0.027	0.16	<0.1	0.02	3.3	<0.1	<0.05	10	<0.5	<0.2
1029784	Soil	6	51	1.12	219	0.101	2	4.21	0.022	0.09	<0.1	0.03	4.3	<0.1	<0.05	8	<0.5	<0.2
1029785	Soil	10	40	0.74	258	0.094	2	2.58	0.011	0.05	0.1	0.02	3.2	0.1	<0.05	6	0.5	<0.2
1029786	Soil	10	39	0.57	251	0.085	3	2.58	0.013	0.07	0.1	0.04	3.0	<0.1	<0.05	5	0.8	<0.2
1029787	Soil	10	37	1.23	278	0.170	2	3.31	0.018	0.10	0.1	0.02	4.3	<0.1	<0.05	8	<0.5	<0.2
1029788	Soil	7	42	1.81	220	0.176	<1	3.96	0.019	0.07	<0.1	0.02	5.3	<0.1	<0.05	10	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002671.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1026530	Soil	0.3	15.1	7.3	55	<0.1	10.8	12.8	528	3.84	3.3	1.0	1.7	8.3	21	<0.1	0.3	0.1	75	0.33	0.050
REP 1026530	QC	0.3	14.7	7.1	56	<0.1	10.3	12.6	527	3.76	3.1	1.0	0.9	8.4	20	<0.1	0.3	0.1	73	0.32	0.047
1026542	Soil	1.0	18.9	7.2	49	<0.1	12.4	6.9	326	2.26	5.5	3.0	1.8	14.1	23	<0.1	0.3	0.2	47	0.28	0.020
REP 1026542	QC	1.0	19.4	6.9	51	<0.1	12.9	6.9	322	2.25	5.5	2.9	4.8	13.5	23	<0.1	0.3	0.2	47	0.27	0.022
1026650	Soil	0.5	28.9	8.7	67	0.1	24.8	10.6	540	2.71	7.0	0.5	2.5	4.7	56	0.3	0.6	0.2	53	1.10	0.079
REP 1026650	QC	0.6	27.1	8.3	65	0.1	23.8	10.6	558	2.79	6.5	0.5	2.9	4.6	56	0.3	0.6	0.2	53	1.06	0.076
1026901	Soil	1.4	18.2	11.4	68	<0.1	24.2	11.8	516	3.23	11.9	0.7	1.2	5.2	15	<0.1	0.5	0.2	71	0.15	0.029
REP 1026901	QC	1.4	17.4	11.1	64	<0.1	23.4	11.5	499	3.09	10.8	0.7	1.5	5.1	15	<0.1	0.5	0.2	67	0.14	0.029
1026906	Soil	1.3	12.9	12.6	46	0.1	14.9	7.8	289	2.89	10.1	1.1	2.9	4.0	14	0.2	0.3	0.3	74	0.15	0.050
REP 1026906	QC	1.3	13.7	12.5	44	0.1	15.2	7.6	281	2.78	10.0	1.0	4.0	4.0	14	0.1	0.4	0.4	76	0.15	0.047
1027554	Soil	1.1	40.0	8.0	55	0.1	24.1	10.2	229	2.63	8.0	0.9	7.0	2.8	29	<0.1	0.5	0.7	67	0.33	0.066
REP 1027554	QC	1.1	38.4	7.9	54	0.1	22.1	9.9	227	2.58	7.9	0.8	3.5	2.7	28	<0.1	0.5	0.7	66	0.33	0.064
1027774	Soil	1.0	12.4	14.7	42	<0.1	12.8	5.4	263	2.76	9.3	0.8	3.5	0.7	14	0.2	0.5	0.5	79	0.14	0.055
REP 1027774	QC	1.0	12.0	14.7	42	<0.1	12.5	5.3	256	2.78	9.8	0.8	3.1	0.6	15	0.1	0.4	0.5	77	0.14	0.057
1027952	Soil	1.0	16.4	7.5	98	<0.1	10.4	18.9	1151	5.21	3.7	1.7	0.8	14.3	38	<0.1	0.2	<0.1	116	0.56	0.105
REP 1027952	QC	0.9	17.3	7.6	103	<0.1	10.9	19.8	1191	5.47	4.1	1.7	1.0	14.5	38	<0.1	0.3	<0.1	120	0.57	0.105
1027984	Soil	1.2	29.6	8.2	77	<0.1	24.7	15.7	463	4.10	7.8	0.4	1.0	2.9	21	<0.1	0.5	0.1	93	0.22	0.067
REP 1027984	QC	1.3	29.8	8.4	76	<0.1	25.3	16.4	473	4.16	7.8	0.4	1.8	2.9	22	<0.1	0.5	0.1	93	0.22	0.065
1029773	Soil	0.5	30.6	10.4	79	0.2	26.9	13.7	547	3.22	27.8	0.8	3.4	4.8	28	0.1	0.3	0.9	71	1.12	0.070
REP 1029773	QC	0.5	30.1	11.5	82	0.3	26.9	13.7	542	3.26	28.7	0.9	3.3	5.1	29	0.1	0.3	1.0	73	1.14	0.068
1029775	Soil	1.1	25.4	8.7	65	<0.1	26.7	12.0	267	2.88	12.9	0.4	4.0	3.6	21	<0.1	0.6	0.1	75	0.23	0.031
REP 1029775	QC	0.9	25.3	8.9	65	<0.1	26.9	11.9	268	2.89	12.8	0.4	1.0	3.6	21	0.1	0.6	0.1	75	0.22	0.032
Reference Materials																					
STD DS8	Standard	13.6	124.9	137.7	330	1.9	40.7	8.7	658	2.65	27.4	3.2	128.8	8.0	74	2.9	6.8	7.0	42	0.71	0.089
STD DS8	Standard	13.8	102.7	134.3	351	1.9	40.8	8.5	659	2.64	28.2	3.2	110.6	8.0	73	2.7	6.6	7.7	43	0.73	0.085
STD DS8	Standard	13.9	117.5	130.2	330	1.8	41.0	7.9	659	2.59	28.9	3.0	115.9	7.5	71	2.4	6.2	6.8	44	0.70	0.077
STD DS8	Standard	13.9	115.1	128.8	322	1.8	38.8	7.6	633	2.53	28.2	3.1	159.1	7.7	74	2.6	6.3	7.1	43	0.69	0.076
STD DS8	Standard	12.5	112.6	120.4	319	1.8	36.9	7.0	573	2.35	24.0	2.7	106.7	6.8	64	2.2	5.6	6.2	39	0.67	0.078

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002671.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1026530	Soil	20	17	0.99	169	0.006	<1	2.44	0.008	0.08	0.1	0.01	4.8	<0.1	<0.05	6	<0.5	<0.2
REP 1026530	QC	20	17	0.98	167	0.006	<1	2.32	0.008	0.07	0.1	0.01	4.6	<0.1	<0.05	6	<0.5	<0.2
1026542	Soil	35	22	0.56	164	0.113	<1	1.33	0.014	0.09	0.2	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
REP 1026542	QC	34	22	0.57	161	0.113	<1	1.37	0.013	0.09	0.2	0.01	2.9	0.1	<0.05	4	<0.5	<0.2
1026650	Soil	14	24	0.64	288	0.082	1	1.43	0.042	0.12	0.2	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
REP 1026650	QC	14	24	0.63	291	0.083	1	1.40	0.041	0.12	0.2	0.04	3.9	0.1	<0.05	4	<0.5	<0.2
1026901	Soil	12	39	0.53	251	0.079	<1	2.61	0.011	0.05	0.1	0.02	3.9	0.2	0.05	7	<0.5	<0.2
REP 1026901	QC	12	38	0.52	243	0.076	<1	2.51	0.011	0.05	0.1	0.03	3.7	0.2	<0.05	7	<0.5	<0.2
1026906	Soil	10	30	0.40	159	0.054	2	1.88	0.008	0.04	0.2	0.04	2.6	0.2	<0.05	7	<0.5	<0.2
REP 1026906	QC	10	30	0.38	160	0.054	2	1.79	0.008	0.04	0.2	0.03	2.4	0.2	<0.05	7	0.6	<0.2
1027554	Soil	12	33	0.69	261	0.085	2	2.01	0.013	0.08	0.3	0.05	4.0	0.1	<0.05	6	<0.5	<0.2
REP 1027554	QC	12	33	0.69	265	0.088	3	1.99	0.013	0.08	0.2	0.06	4.0	0.1	<0.05	6	<0.5	<0.2
1027774	Soil	10	26	0.39	103	0.058	1	1.47	0.010	0.05	0.1	0.02	1.5	0.1	0.08	8	<0.5	<0.2
REP 1027774	QC	10	25	0.40	105	0.058	2	1.45	0.010	0.05	<0.1	0.03	1.5	0.2	0.09	8	<0.5	<0.2
1027952	Soil	23	18	1.35	280	0.134	1	2.50	0.013	0.71	<0.1	<0.01	7.5	0.2	<0.05	9	<0.5	<0.2
REP 1027952	QC	24	19	1.38	295	0.138	1	2.50	0.014	0.72	<0.1	<0.01	7.6	0.2	<0.05	9	0.5	<0.2
1027984	Soil	6	40	1.12	183	0.176	2	2.71	0.012	0.19	0.1	0.02	2.7	<0.1	<0.05	9	<0.5	<0.2
REP 1027984	QC	7	40	1.13	184	0.182	<1	2.67	0.013	0.19	0.1	0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1029773	Soil	20	51	3.66	194	0.081	1	3.25	0.022	0.05	0.1	0.05	7.5	<0.1	<0.05	8	<0.5	<0.2
REP 1029773	QC	20	49	3.63	199	0.086	2	3.27	0.019	0.05	0.1	0.06	7.5	<0.1	<0.05	8	0.6	0.2
1029775	Soil	8	38	0.53	216	0.088	1	2.38	0.010	0.08	<0.1	0.02	2.7	<0.1	<0.05	6	0.6	<0.2
REP 1029775	QC	8	37	0.53	221	0.084	3	2.36	0.010	0.08	0.2	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	123	0.64	312	0.129	3	0.94	0.089	0.44	3.1	0.22	2.3	5.9	0.19	5	6.1	6.1
STD DS8	Standard	15	126	0.65	308	0.130	2	0.94	0.092	0.45	3.2	0.22	2.2	5.7	0.19	5	6.3	5.0
STD DS8	Standard	15	123	0.64	283	0.130	2	0.93	0.083	0.43	3.0	0.23	2.1	5.6	0.21	5	5.2	4.9
STD DS8	Standard	16	119	0.58	289	0.127	2	0.88	0.084	0.41	3.2	0.19	2.2	5.7	0.19	5	5.4	5.3
STD DS8	Standard	13	110	0.60	260	0.113	2	0.85	0.080	0.39	3.0	0.22	1.8	5.6	0.22	4	5.2	5.0

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002671.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.6	111.6	120.4	316	1.8	37.1	7.1	589	2.35	24.9	2.7	107.8	7.0	65	2.3	5.7	6.3	39	0.66	0.076
STD DS8	Standard	13.9	112.8	126.3	320	1.8	39.0	7.4	624	2.50	27.8	2.7	111.2	6.7	64	2.5	5.6	6.5	44	0.68	0.085
STD DS8	Standard	13.9	118.4	127.4	333	1.9	38.7	8.0	640	2.55	27.8	2.8	117.5	7.1	67	2.4	5.7	6.7	45	0.72	0.083
STD DS8	Standard	12.6	102.9	123.1	317	1.8	36.3	7.2	625	2.48	23.8	2.5	116.1	6.3	61	2.1	5.1	6.6	37	0.69	0.084
STD DS8	Standard	14.0	105.1	125.9	314	1.8	37.3	7.3	631	2.51	25.5	2.6	112.8	6.6	66	2.4	5.2	6.4	39	0.74	0.082
STD DS8	Standard	14.8	121.0	134.6	333	1.8	40.0	8.1	653	2.58	27.4	2.8	113.6	7.2	64	2.5	5.4	6.6	48	0.73	0.087
STD DS8	Standard	14.3	117.8	132.7	332	1.8	40.4	8.2	644	2.53	28.3	2.8	126.7	7.4	65	2.3	5.7	6.6	47	0.73	0.086
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT VAN11002671.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	110	0.60	265	0.114	2	0.86	0.081	0.40	3.0	0.20	1.9	5.4	0.21	4	5.2	5.2
STD DS8	Standard	14	121	0.63	281	0.114	5	0.91	0.092	0.44	2.9	0.20	2.0	5.4	0.18	5	5.3	5.2
STD DS8	Standard	15	124	0.65	300	0.120	4	0.93	0.096	0.44	3.3	0.22	2.2	5.6	0.17	5	5.7	5.1
STD DS8	Standard	14	111	0.62	266	0.104	3	0.88	0.083	0.43	3.0	0.20	2.0	5.5	0.14	5	4.8	5.2
STD DS8	Standard	15	115	0.62	293	0.116	2	0.92	0.084	0.43	3.1	0.21	2.2	5.4	0.16	5	5.2	5.6
STD DS8	Standard	15	129	0.59	292	0.130	3	0.96	0.091	0.43	3.0	0.19	2.0	5.5	0.14	5	5.3	4.9
STD DS8	Standard	16	128	0.57	297	0.132	3	0.98	0.093	0.43	3.0	0.20	1.9	5.1	0.14	5	5.2	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 08, 2011
Report Date: July 19, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000178A.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED01
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030573	Soil		0.4	63.3	3.1	85	<0.1	21.0	24.6	891	6.32	3.2	0.3	1.0	1.2	27	<0.1	0.2	<0.1	184	0.53	0.146
1030579	Soil		0.3	45.4	3.1	54	<0.1	34.5	21.0	528	3.47	3.8	0.4	0.6	1.5	30	<0.1	0.2	<0.1	103	0.46	0.069
1030590	Soil		0.6	24.2	6.4	54	<0.1	20.5	12.9	392	3.27	5.6	0.4	1.5	2.7	21	<0.1	0.3	0.1	75	0.28	0.044
1030567	Soil		0.3	68.6	2.9	78	<0.1	23.1	23.9	570	4.57	2.0	0.7	1.3	2.1	10	<0.1	<0.1	<0.1	100	0.43	0.115
1030580	Soil		0.5	57.9	4.9	53	<0.1	30.8	19.8	507	3.67	5.4	0.6	0.8	2.4	34	<0.1	0.3	<0.1	102	0.32	0.035
1030570	Soil		0.3	35.2	2.4	53	<0.1	40.8	18.5	540	3.28	2.6	0.3	<0.5	1.2	27	<0.1	0.1	<0.1	94	0.53	0.170
1030581	Soil		0.7	83.2	5.5	52	<0.1	23.2	15.3	385	2.95	6.4	0.6	1.7	2.5	24	<0.1	0.4	<0.1	71	0.34	0.037
1030593	Soil		0.5	28.5	6.3	53	0.1	20.3	9.2	299	2.41	5.2	0.9	2.3	3.4	27	<0.1	0.5	0.1	60	0.39	0.049
1030596	Soil		0.6	21.4	6.8	48	<0.1	20.8	11.4	367	2.64	7.4	0.8	2.2	3.5	24	<0.1	0.5	0.1	58	0.29	0.046
1030566	Soil		0.8	28.9	8.5	49	<0.1	19.6	10.9	366	2.67	8.6	0.9	1.5	4.0	16	<0.1	0.5	0.2	63	0.17	0.033
1030584	Soil		1.2	13.2	7.7	46	<0.1	15.0	8.7	284	3.34	9.6	0.4	<0.5	1.9	14	0.1	0.6	0.1	85	0.13	0.030
1030577	Soil		0.6	67.2	3.9	80	<0.1	14.7	20.2	516	5.65	4.0	0.5	<0.5	2.0	9	<0.1	0.2	<0.1	146	0.46	0.172
1030591	Soil		0.7	25.5	6.3	55	<0.1	19.8	10.8	363	2.67	5.6	0.8	5.3	2.8	24	<0.1	0.4	0.2	63	0.33	0.065
1030592	Soil		0.7	25.2	6.3	51	<0.1	18.9	10.9	364	2.60	5.5	0.8	2.1	2.8	25	0.1	0.4	0.1	61	0.33	0.062
1030594	Soil		0.6	10.3	6.1	38	<0.1	11.4	8.9	277	2.30	4.4	0.4	1.2	2.2	24	<0.1	0.2	0.1	69	0.30	0.034
1030595	Soil		0.8	22.6	7.4	51	<0.1	22.5	11.5	368	2.80	7.5	0.8	1.9	3.9	27	<0.1	0.4	0.1	63	0.30	0.050
1027534	Soil		1.2	41.0	6.8	56	0.3	21.5	12.2	503	2.83	7.6	1.1	1.5	3.1	43	0.1	0.4	0.1	67	0.66	0.046
1027533	Soil		2.5	55.7	5.4	83	0.1	17.6	14.1	394	4.08	3.3	0.8	0.7	2.3	47	<0.1	0.2	<0.1	93	0.41	0.069
1027532	Soil		1.3	54.5	7.5	74	0.2	23.1	14.3	444	3.51	6.1	1.4	1.9	4.1	45	<0.1	0.3	0.1	81	0.66	0.051
1027527	Soil		0.6	40.2	6.2	101	<0.1	16.6	17.3	496	3.95	4.8	0.4	1.5	2.2	37	0.1	0.2	<0.1	104	0.60	0.049
1027523	Soil		0.7	42.2	7.9	73	<0.1	20.3	18.0	574	3.47	5.8	0.4	<0.5	2.5	41	0.2	0.4	0.2	87	0.71	0.033
1027522	Soil		0.5	66.1	3.6	65	0.2	17.8	17.2	579	3.56	4.7	0.4	2.5	2.6	51	<0.1	0.3	<0.1	81	2.12	0.051
1027524	Soil		0.8	51.4	5.8	61	0.2	26.2	12.6	417	2.95	7.1	0.4	13.6	2.4	128	0.1	0.6	<0.1	76	5.33	0.060
1027526	Soil		0.7	44.5	6.1	74	<0.1	21.1	16.4	559	4.31	7.1	0.6	<0.5	3.4	36	<0.1	0.4	<0.1	110	0.53	0.033
1027537	Soil		0.8	32.6	4.9	66	<0.1	69.1	18.4	408	3.69	5.5	0.5	<0.5	2.4	17	<0.1	0.3	<0.1	97	0.35	0.038
1027531	Soil		1.3	74.4	4.0	151	<0.1	14.8	14.1	630	4.20	2.8	1.1	0.6	4.1	49	0.1	0.1	<0.1	104	0.76	0.138
1027530	Soil		0.9	31.4	5.4	50	<0.1	24.6	19.0	348	3.37	5.1	0.8	<0.5	2.2	31	<0.1	0.2	<0.1	83	0.55	0.059
1027528	Soil		0.7	48.7	6.9	53	0.2	35.0	13.8	471	2.92	8.2	0.5	1.7	3.1	31	<0.1	0.6	0.1	72	0.50	0.021
1027535	Soil		0.4	44.4	1.7	68	<0.1	17.8	18.2	302	4.29	3.4	0.5	<0.5	2.4	16	<0.1	<0.1	<0.1	157	0.40	0.080
1027529	Soil		1.6	21.3	6.4	60	0.1	25.7	13.3	806	2.90	4.2	0.3	<0.5	1.9	51	0.2	0.3	0.1	77	0.72	0.036

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030573	Soil	5	35	2.50	548	0.339	<1	3.82	0.021	0.85	<0.1	0.01	4.1	0.2	<0.05	11	<0.5	<0.2
1030579	Soil	6	57	2.14	691	0.222	1	2.97	0.020	0.63	<0.1	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1030590	Soil	8	33	0.95	212	0.104	2	2.06	0.011	0.10	0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1030567	Soil	7	25	1.29	184	0.175	<1	2.63	0.026	0.24	<0.1	<0.01	2.5	<0.1	<0.05	10	<0.5	<0.2
1030580	Soil	8	46	1.60	257	0.203	<1	2.72	0.016	0.25	<0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1030570	Soil	5	92	1.67	344	0.242	<1	2.49	0.025	0.55	<0.1	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1030581	Soil	10	27	0.88	138	0.083	2	1.99	0.015	0.05	0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1030593	Soil	11	33	0.81	294	0.088	<1	1.61	0.014	0.06	0.1	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1030596	Soil	11	36	0.77	279	0.092	1	1.88	0.013	0.08	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1030566	Soil	13	36	0.68	184	0.080	<1	1.98	0.012	0.08	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1030584	Soil	6	36	0.64	100	0.109	<1	1.75	0.009	0.05	0.1	0.02	2.0	<0.1	<0.05	7	<0.5	<0.2
1030577	Soil	10	21	1.53	206	0.279	<1	2.67	0.025	0.69	<0.1	0.01	3.6	0.2	<0.05	10	<0.5	<0.2
1030591	Soil	11	29	0.79	297	0.081	<1	1.74	0.011	0.08	0.2	0.04	3.2	0.1	<0.05	6	<0.5	<0.2
1030592	Soil	12	29	0.78	302	0.086	1	1.74	0.016	0.08	0.2	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1030594	Soil	8	23	0.76	206	0.127	<1	1.72	0.015	0.05	0.1	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
1030595	Soil	13	40	0.83	288	0.108	<1	2.15	0.015	0.10	0.1	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1027534	Soil	12	32	0.83	389	0.114	1	1.56	0.022	0.20	0.1	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1027533	Soil	11	25	1.60	583	0.213	<1	2.52	0.027	0.75	<0.1	<0.01	3.4	0.2	0.12	8	<0.5	<0.2
1027532	Soil	17	37	1.13	358	0.135	<1	2.17	0.029	0.27	<0.1	0.03	5.3	0.1	<0.05	7	<0.5	<0.2
1027527	Soil	7	29	1.74	463	0.197	1	2.58	0.019	0.65	<0.1	<0.01	4.3	0.2	<0.05	8	<0.5	<0.2
1027523	Soil	8	33	0.90	305	0.120	1	1.92	0.030	0.22	<0.1	0.02	6.4	<0.1	<0.05	6	<0.5	<0.2
1027522	Soil	6	22	1.49	237	0.193	<1	2.14	0.018	0.44	0.1	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1027524	Soil	10	34	1.26	502	0.126	2	1.64	0.039	0.24	<0.1	0.04	4.8	0.1	0.06	5	<0.5	<0.2
1027526	Soil	12	32	1.68	383	0.222	<1	2.83	0.016	0.58	<0.1	0.02	6.7	0.2	<0.05	9	<0.5	<0.2
1027537	Soil	7	131	1.46	360	0.184	<1	2.03	0.038	0.59	<0.1	<0.01	3.8	0.2	<0.05	8	<0.5	<0.2
1027531	Soil	11	34	1.84	497	0.249	<1	2.57	0.026	0.71	<0.1	0.03	4.8	0.2	<0.05	9	<0.5	<0.2
1027530	Soil	10	45	1.02	164	0.128	2	1.89	0.045	0.09	<0.1	0.02	4.4	<0.1	<0.05	7	<0.5	<0.2
1027528	Soil	11	64	0.85	270	0.100	<1	1.72	0.024	0.13	0.1	0.03	5.0	<0.1	<0.05	5	<0.5	<0.2
1027535	Soil	9	50	2.62	576	0.273	<1	2.65	0.021	1.27	<0.1	0.02	10.7	0.4	<0.05	10	<0.5	<0.2
1027529	Soil	8	60	0.77	481	0.092	2	2.00	0.026	0.14	<0.1	0.02	5.6	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1027525	Soil	1.1	69.9	6.4	69	<0.1	32.6	17.3	540	3.54	7.7	0.5	3.3	3.4	32	<0.1	0.4	<0.1	98	0.49	0.035
1027536	Soil	0.9	33.3	4.6	68	<0.1	62.8	17.9	407	3.69	5.7	0.5	<0.5	2.4	17	<0.1	0.3	<0.1	96	0.31	0.036
1029605	Soil	0.9	20.6	8.2	36	0.1	10.3	4.5	178	2.06	5.1	0.5	1.3	0.3	20	0.2	0.4	0.2	63	0.20	0.042
1029604	Soil	0.8	41.4	7.0	95	<0.1	21.2	15.5	653	3.40	6.6	0.5	0.9	3.0	15	0.2	0.4	0.2	71	0.21	0.030
1029603	Soil	0.6	35.1	2.9	28	0.3	8.5	6.1	403	1.07	1.7	0.7	<0.5	0.2	53	0.9	0.2	0.2	13	0.88	0.118
1029602	Soil	1.0	27.1	6.5	77	0.2	11.3	6.9	449	2.35	3.5	0.5	1.9	0.2	17	0.5	0.3	0.1	58	0.23	0.082
1029601	Soil	0.9	14.4	7.3	51	<0.1	14.7	8.2	326	2.85	6.4	0.5	2.3	1.7	14	0.2	0.5	0.1	63	0.17	0.041
1029627	Soil	1.0	45.6	7.0	57	<0.1	23.7	11.7	443	2.82	7.1	0.9	2.1	3.6	32	<0.1	0.5	0.2	70	0.35	0.048
1029626	Soil	0.9	36.0	7.4	58	<0.1	22.4	10.8	306	3.10	7.2	0.6	25.9	1.8	18	<0.1	0.4	0.1	78	0.21	0.053
1029624	Soil	0.9	16.5	9.2	42	<0.1	15.3	7.1	243	2.91	9.2	0.6	1.6	2.2	19	0.1	0.5	0.2	68	0.18	0.038
1029625	Soil	0.8	27.1	5.7	45	<0.1	15.8	8.6	233	2.39	5.4	0.4	2.3	1.2	17	<0.1	0.3	0.1	73	0.21	0.038
1029623	Soil	0.7	20.5	7.2	49	<0.1	19.3	10.5	319	2.95	8.4	0.4	3.9	2.8	19	<0.1	0.6	0.1	64	0.18	0.042
1029621	Soil	0.5	25.8	6.0	53	<0.1	17.9	10.9	338	2.43	4.4	0.5	9.2	2.8	28	<0.1	0.4	<0.1	59	0.32	0.042
1029622	Soil	0.8	16.5	6.6	45	<0.1	12.9	7.6	246	2.49	5.7	0.4	8.9	0.9	15	0.1	0.3	0.1	78	0.17	0.039
1030565	Soil	0.3	30.7	2.6	51	<0.1	28.9	17.4	542	3.04	2.5	0.2	1.1	1.0	12	<0.1	0.2	<0.1	78	0.42	0.118
1030582	Soil	1.2	30.3	10.3	62	0.1	17.6	9.2	324	2.83	8.4	0.9	5.7	2.9	19	0.2	0.5	0.2	66	0.20	0.047
1030578	Soil	0.7	21.5	8.3	43	<0.1	19.4	9.7	272	2.82	8.9	0.6	2.2	2.6	17	<0.1	0.5	0.1	61	0.20	0.045
1030583	Soil	0.5	56.4	4.6	71	<0.1	23.5	18.3	575	3.99	4.6	0.5	1.3	3.4	14	0.1	0.3	<0.1	110	0.29	0.071
1009890	Soil	1.0	17.6	9.0	47	<0.1	17.2	9.2	364	2.83	10.0	1.0	2.4	4.0	14	<0.1	0.6	0.1	61	0.11	0.026
1029612	Soil	0.6	20.3	8.2	54	<0.1	20.0	9.2	322	2.57	6.8	0.7	4.6	3.3	18	<0.1	0.5	0.1	57	0.23	0.052
1029613	Soil	0.8	22.5	9.1	62	<0.1	18.0	8.6	300	2.58	6.6	0.7	5.0	3.6	19	0.2	0.6	<0.1	53	0.26	0.059
1029615	Soil	1.5	19.2	9.7	67	<0.1	17.9	10.0	376	3.23	9.3	0.6	3.0	2.7	18	0.3	0.5	0.1	81	0.18	0.047
1029616	Soil	1.5	37.1	12.0	83	<0.1	22.1	11.1	342	3.13	6.8	0.8	5.4	2.5	20	0.2	0.4	0.1	86	0.23	0.047
1029614	Soil	2.2	36.4	9.0	116	0.1	25.0	11.0	427	2.85	8.1	1.1	4.5	3.8	24	0.5	0.5	<0.1	70	0.32	0.078
1029611	Soil	0.5	21.3	7.5	46	<0.1	29.5	8.0	245	2.32	6.1	0.7	2.8	2.7	23	0.1	0.5	0.1	54	0.27	0.053
1029617	Soil	1.7	50.5	47.3	63	0.3	24.0	9.4	342	3.62	9.6	0.8	28.0	1.8	18	0.2	0.5	0.3	83	0.19	0.048
1029618	Soil	1.1	21.8	13.6	48	<0.1	20.5	10.2	290	2.88	9.5	0.7	1.7	2.2	17	0.1	0.5	0.2	65	0.18	0.040
1029619	Soil	0.9	24.7	10.0	54	<0.1	19.3	9.2	304	2.78	8.1	0.6	4.4	2.1	16	<0.1	0.5	0.2	77	0.19	0.041
1029620	Soil	0.7	16.9	7.8	48	<0.1	17.1	7.7	278	2.75	7.9	0.4	8.8	2.2	18	0.1	0.4	0.1	74	0.21	0.043
1029609	Soil	0.8	14.3	9.1	38	<0.1	10.7	5.7	263	2.30	5.7	0.6	2.0	0.7	14	<0.1	0.3	0.2	49	0.13	0.052

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1027525	Soil	12	47	1.35	352	0.169	<1	1.98	0.029	0.51	0.1	0.03	5.9	0.2	<0.05	7	<0.5	<0.2
1027536	Soil	8	115	1.42	368	0.178	<1	2.04	0.036	0.59	<0.1	<0.01	3.8	0.2	<0.05	8	<0.5	<0.2
1029605	Soil	7	20	0.35	170	0.043	<1	1.18	0.011	0.05	0.1	0.04	1.4	<0.1	<0.05	6	<0.5	<0.2
1029604	Soil	9	27	0.80	158	0.103	<1	2.31	0.012	0.12	0.1	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1029603	Soil	20	10	0.13	406	0.016	2	0.69	0.018	0.05	<0.1	0.10	1.3	<0.1	0.21	2	<0.5	<0.2
1029602	Soil	8	20	0.50	142	0.047	2	1.15	0.014	0.09	<0.1	0.08	1.4	<0.1	0.11	5	0.5	<0.2
1029601	Soil	7	26	0.55	106	0.090	2	1.71	0.009	0.10	0.1	0.06	2.1	0.1	<0.05	6	0.9	<0.2
1029627	Soil	11	38	0.88	357	0.125	2	1.72	0.012	0.17	0.1	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
1029626	Soil	8	36	0.80	195	0.117	2	1.97	0.012	0.14	0.1	0.02	2.2	0.1	<0.05	7	<0.5	<0.2
1029624	Soil	8	29	0.50	168	0.065	2	1.87	0.009	0.05	0.2	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
1029625	Soil	6	23	0.74	140	0.119	1	1.57	0.013	0.08	0.1	0.02	1.8	<0.1	<0.05	6	<0.5	<0.2
1029623	Soil	7	27	0.64	151	0.088	2	1.96	0.010	0.09	0.2	0.04	2.1	<0.1	<0.05	5	<0.5	<0.2
1029621	Soil	10	28	0.74	274	0.115	2	1.42	0.015	0.13	<0.1	0.02	2.5	<0.1	<0.05	5	0.6	<0.2
1029622	Soil	6	21	0.69	162	0.117	<1	1.47	0.011	0.10	<0.1	0.02	1.7	<0.1	<0.05	7	<0.5	<0.2
1030565	Soil	4	53	1.36	193	0.167	<1	2.39	0.021	0.48	<0.1	<0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1030582	Soil	12	31	0.64	421	0.066	1	1.92	0.012	0.07	0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1030578	Soil	10	30	0.64	188	0.070	1	1.80	0.012	0.06	0.2	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1030583	Soil	7	39	1.77	221	0.217	1	2.62	0.017	0.46	0.1	0.01	3.7	0.2	<0.05	9	<0.5	<0.2
1009890	Soil	10	32	0.54	189	0.061	1	1.97	0.010	0.05	0.2	0.03	3.5	0.1	<0.05	6	0.5	<0.2
1029612	Soil	13	29	0.63	241	0.073	<1	1.67	0.016	0.07	0.2	0.03	3.2	<0.1	<0.05	5	0.7	<0.2
1029613	Soil	12	25	0.69	171	0.111	<1	1.61	0.012	0.16	0.1	0.02	2.8	0.1	<0.05	5	1.1	<0.2
1029615	Soil	9	31	0.69	168	0.103	1	1.77	0.010	0.13	0.1	0.03	2.7	0.1	<0.05	7	0.6	<0.2
1029616	Soil	11	32	0.78	205	0.113	<1	1.75	0.014	0.14	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1029614	Soil	13	33	0.78	264	0.101	<1	1.47	0.012	0.20	0.1	0.01	3.1	0.1	<0.05	5	0.9	<0.2
1029611	Soil	12	40	0.73	148	0.069	<1	1.66	0.013	0.05	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1029617	Soil	12	37	0.63	431	0.046	1	2.07	0.011	0.06	0.1	0.04	3.9	0.1	<0.05	7	0.5	<0.2
1029618	Soil	10	32	0.58	267	0.051	<1	1.92	0.010	0.05	0.2	0.03	2.8	0.1	<0.05	6	0.8	<0.2
1029619	Soil	10	28	0.69	178	0.090	1	1.78	0.011	0.10	0.1	0.03	2.4	0.1	<0.05	7	<0.5	<0.2
1029620	Soil	8	28	0.66	132	0.113	1	1.58	0.011	0.08	0.1	0.03	2.3	<0.1	<0.05	7	<0.5	<0.2
1029609	Soil	10	23	0.40	136	0.047	1	1.36	0.010	0.08	<0.1	0.03	1.5	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029610	Soil	0.8	20.4	6.5	55	<0.1	14.5	8.9	405	2.98	4.9	0.9	2.8	3.9	17	0.1	0.4	0.1	59	0.20	0.040
1029607	Soil	1.3	17.9	7.6	52	0.1	14.6	7.9	319	3.01	7.1	0.5	4.0	1.9	16	<0.1	0.4	0.1	61	0.19	0.039
1029608	Soil	1.4	12.3	13.3	38	0.1	10.1	4.5	211	1.92	5.6	0.5	3.5	1.3	14	0.1	0.4	0.2	57	0.14	0.032
1029606	Soil	1.4	31.9	7.2	62	0.1	18.1	8.9	355	3.08	7.4	0.7	6.1	2.5	18	0.1	0.4	0.1	63	0.22	0.047
1009826	Soil	0.7	12.0	5.4	69	<0.1	15.5	14.2	543	3.42	5.4	0.8	1.8	7.0	28	<0.1	0.4	<0.1	93	0.39	0.042
1009823	Soil	1.7	31.2	8.5	78	<0.1	10.5	7.5	288	4.02	3.8	1.5	2.0	4.7	75	<0.1	0.3	0.2	98	0.21	0.039
1009822	Soil	0.4	30.0	3.7	48	<0.1	28.7	13.5	395	2.90	10.1	0.6	<0.5	6.2	39	<0.1	0.2	0.1	57	0.48	0.048
1009825	Soil	0.6	13.9	7.2	60	<0.1	20.4	12.7	423	3.43	9.1	0.6	1.4	7.9	14	<0.1	0.5	0.1	76	0.17	0.025
1009883	Soil	1.1	15.9	11.3	76	0.1	21.6	9.7	587	3.56	8.9	1.4	5.0	9.0	19	<0.1	0.4	0.2	66	0.12	0.052
1009881	Soil	0.8	23.8	8.2	54	<0.1	31.7	11.1	340	2.76	9.8	0.5	4.1	5.9	19	<0.1	0.6	0.1	59	0.17	0.023
1009880	Soil	0.6	76.2	4.8	59	<0.1	25.9	19.9	449	3.33	5.1	0.2	0.8	1.8	21	<0.1	0.2	<0.1	89	0.35	0.068
1009827	Soil	0.6	20.9	6.5	88	<0.1	20.0	28.9	878	5.50	4.3	0.8	<0.5	8.1	26	<0.1	0.3	<0.1	110	0.33	0.041
1009885	Soil	1.5	19.2	10.3	51	<0.1	22.0	12.7	300	2.80	10.6	0.8	2.2	5.1	14	<0.1	0.6	0.2	64	0.13	0.032
1009882	Soil	1.0	22.2	7.2	77	<0.1	22.5	13.8	609	2.98	8.2	0.6	2.6	3.7	14	0.1	0.4	0.1	66	0.15	0.071
1009884	Soil	0.7	26.9	6.6	68	<0.1	16.5	12.9	383	3.16	6.7	0.6	<0.5	3.5	14	<0.1	0.4	0.1	75	0.25	0.057
1009888	Soil	1.4	16.5	13.2	69	<0.1	20.5	10.3	354	3.07	10.2	0.6	0.9	3.7	14	<0.1	0.6	0.2	71	0.14	0.044
1009891	Soil	0.9	18.6	7.0	52	<0.1	17.5	10.5	396	2.92	7.0	0.9	1.1	4.2	16	<0.1	0.5	0.1	52	0.20	0.035
1009886	Soil	0.6	104.3	3.1	54	<0.1	25.9	22.7	414	3.34	3.5	0.3	<0.5	2.7	24	<0.1	0.2	<0.1	93	0.33	0.065
1009887	Soil	1.2	23.8	9.1	52	<0.1	24.4	12.1	362	2.97	9.6	0.5	<0.5	3.4	14	<0.1	0.6	0.2	70	0.14	0.035
1009889	Soil	1.0	18.4	5.1	53	<0.1	11.2	11.3	519	3.08	5.5	0.4	<0.5	2.1	24	<0.1	0.3	<0.1	42	0.30	0.087
1009805	Soil	0.5	53.1	6.9	86	<0.1	35.8	24.8	730	5.17	2.7	0.6	<0.5	5.2	13	<0.1	0.2	<0.1	89	0.16	0.034
1009811	Soil	0.5	31.5	4.9	31	<0.1	23.8	11.7	223	2.12	5.6	0.6	<0.5	3.0	22	<0.1	0.3	<0.1	51	0.26	0.019
1009812	Soil	0.4	50.2	3.6	29	<0.1	31.3	15.3	327	2.36	4.2	0.4	<0.5	2.4	42	<0.1	0.1	<0.1	57	0.58	0.037
1009814	Soil	0.2	34.3	2.0	31	<0.1	12.0	15.2	343	3.12	4.6	0.2	<0.5	0.9	28	<0.1	0.1	<0.1	79	1.26	0.174
1009801	Soil	0.7	36.5	8.6	93	<0.1	39.2	23.9	463	4.57	3.1	1.0	<0.5	10.1	19	<0.1	0.1	<0.1	88	0.23	0.047
1009820	Soil	0.5	28.6	7.8	97	<0.1	38.2	20.0	625	4.88	5.9	0.6	<0.5	7.7	19	<0.1	0.3	<0.1	99	0.37	0.065
1009816	Soil	0.5	47.5	2.7	59	<0.1	21.9	16.3	525	3.73	4.3	0.4	<0.5	3.3	36	<0.1	0.1	<0.1	71	0.33	0.072
1009810	Soil	0.6	101.9	2.8	53	<0.1	16.1	19.4	542	4.02	2.1	1.5	<0.5	7.7	16	<0.1	0.1	<0.1	88	0.32	0.064
1009802	Soil	0.4	48.2	5.7	52	<0.1	52.2	19.8	418	3.14	4.4	0.5	<0.5	4.3	24	<0.1	0.2	<0.1	63	0.28	0.019
1009815	Soil	0.4	40.6	3.5	40	<0.1	27.9	17.8	427	3.01	4.1	0.5	<0.5	4.4	24	<0.1	0.2	<0.1	77	0.56	0.027

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Project: PED
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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029610	Soil	17	26	0.72	253	0.089	1	1.86	0.011	0.14	<0.1	0.03	3.8	0.1	<0.05	6	<0.5	<0.2
1029607	Soil	9	28	0.61	182	0.061	1	1.57	0.009	0.08	0.1	0.03	2.3	0.1	<0.05	6	<0.5	<0.2
1029608	Soil	10	18	0.34	123	0.060	1	1.16	0.009	0.07	0.1	0.02	1.9	<0.1	<0.05	6	<0.5	<0.2
1029606	Soil	10	29	0.70	198	0.077	<1	1.82	0.010	0.09	0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1009826	Soil	14	27	1.01	162	0.185	<1	2.37	0.022	0.21	0.1	0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
1009823	Soil	14	25	0.92	285	0.095	<1	2.45	0.022	0.29	<0.1	<0.01	4.9	<0.1	0.21	7	1.6	<0.2
1009822	Soil	7	72	0.99	137	0.154	<1	2.10	0.016	0.28	<0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1009825	Soil	13	37	1.12	108	0.193	<1	2.41	0.011	0.31	0.1	0.01	2.2	0.1	<0.05	6	<0.5	<0.2
1009883	Soil	25	52	0.81	221	0.114	2	2.07	0.010	0.31	0.1	0.01	2.9	0.2	0.06	7	<0.5	<0.2
1009881	Soil	10	47	0.78	226	0.112	<1	1.99	0.010	0.18	0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1009880	Soil	3	34	1.41	329	0.236	<1	2.38	0.013	0.40	<0.1	0.01	2.1	0.1	<0.05	6	<0.5	<0.2
1009827	Soil	12	34	2.05	303	0.231	2	3.22	0.013	1.02	<0.1	0.01	4.6	0.2	<0.05	9	<0.5	<0.2
1009885	Soil	11	39	0.52	196	0.079	2	2.16	0.012	0.06	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1009882	Soil	9	36	0.71	208	0.114	2	2.04	0.009	0.15	0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1009884	Soil	8	26	0.85	231	0.166	2	2.32	0.014	0.36	<0.1	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1009888	Soil	11	37	0.54	220	0.083	3	2.30	0.010	0.07	0.2	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
1009891	Soil	13	28	0.55	211	0.119	2	2.04	0.012	0.17	0.2	0.03	5.0	<0.1	<0.05	7	0.5	<0.2
1009886	Soil	4	33	1.57	352	0.277	1	2.85	0.018	0.71	0.1	<0.01	2.3	0.2	<0.05	6	<0.5	<0.2
1009887	Soil	10	37	0.59	234	0.080	2	2.25	0.009	0.06	0.2	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1009889	Soil	6	17	0.57	160	0.110	1	2.21	0.019	0.13	<0.1	0.01	4.6	<0.1	<0.05	8	<0.5	<0.2
1009805	Soil	9	130	2.12	168	0.066	1	3.39	0.007	0.12	<0.1	<0.01	10.5	<0.1	<0.05	10	<0.5	<0.2
1009811	Soil	13	52	0.68	138	0.109	<1	1.75	0.013	0.05	<0.1	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
1009812	Soil	4	67	1.04	142	0.160	1	2.16	0.029	0.05	<0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1009814	Soil	2	11	0.72	149	0.200	1	3.02	0.080	0.16	<0.1	<0.01	4.6	<0.1	<0.05	8	<0.5	<0.2
1009801	Soil	23	50	1.55	285	0.327	1	3.54	0.013	1.01	0.1	<0.01	4.0	0.5	<0.05	9	<0.5	<0.2
1009820	Soil	14	62	1.51	289	0.232	1	2.83	0.018	0.83	0.1	<0.01	7.4	0.2	<0.05	10	<0.5	<0.2
1009816	Soil	6	33	1.19	242	0.306	1	2.84	0.013	0.83	<0.1	<0.01	2.2	0.3	<0.05	9	<0.5	<0.2
1009810	Soil	12	33	1.24	198	0.301	<1	2.47	0.018	0.87	<0.1	<0.01	3.2	0.3	<0.05	9	<0.5	<0.2
1009802	Soil	9	144	1.35	123	0.236	<1	2.67	0.011	0.09	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1009815	Soil	7	50	0.91	149	0.204	1	2.29	0.035	0.10	<0.1	<0.01	5.3	<0.1	<0.05	8	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1009809	Soil		0.5	49.8	3.8	49	<0.1	22.1	17.2	433	3.18	3.5	0.6	<0.5	4.9	31	<0.1	0.1	<0.1	75	0.55	0.059
1009813	Soil		0.4	31.0	2.1	32	<0.1	22.7	18.5	339	2.48	3.9	0.2	<0.5	1.4	27	<0.1	0.1	<0.1	66	0.54	0.035
1009808	Soil		0.9	36.9	5.8	56	<0.1	19.3	11.7	280	2.42	6.3	0.3	1.7	1.8	26	<0.1	0.3	<0.1	57	0.36	0.061
1009804	Soil		1.0	48.0	8.7	65	<0.1	41.8	13.4	367	3.15	10.7	1.5	2.8	8.4	28	0.1	0.6	0.1	76	0.31	0.020
1009806	Soil		0.5	47.4	4.4	93	<0.1	22.3	12.1	403	3.59	3.4	0.4	<0.5	2.7	21	<0.1	0.2	<0.1	53	0.16	0.028
1009824	Soil		0.4	20.2	8.2	16	<0.1	5.1	4.1	135	0.92	2.3	0.2	0.8	1.4	9	<0.1	0.2	<0.1	20	0.11	0.009
1009855	Soil		0.9	25.2	7.8	55	<0.1	31.2	14.7	362	2.79	9.8	0.6	0.6	3.9	18	0.2	0.6	0.1	63	0.20	0.040
1030643	Soil		1.0	45.8	5.5	51	<0.1	28.8	15.5	365	3.09	6.3	0.6	1.9	2.5	38	<0.1	0.3	<0.1	75	0.39	0.044
1030614	Soil		1.1	19.5	7.9	60	<0.1	24.0	12.5	342	3.09	7.3	0.5	1.2	1.9	23	0.1	0.4	0.1	74	0.28	0.041
1009860	Soil		1.3	35.6	9.2	55	<0.1	25.0	11.4	370	3.33	8.9	0.7	1.8	2.1	23	<0.1	0.5	0.2	80	0.23	0.038
1030647	Soil		1.1	27.8	8.2	63	<0.1	26.0	13.6	316	3.14	9.3	0.6	1.5	2.8	23	0.1	0.6	0.1	81	0.21	0.033
1030639	Soil		1.2	10.2	8.9	36	0.1	11.6	6.7	186	3.28	7.0	0.3	2.8	1.7	13	<0.1	0.5	0.2	90	0.14	0.036
1030620	Soil		0.9	16.8	7.0	43	<0.1	16.3	8.0	184	2.52	7.1	0.6	1.2	2.8	21	0.1	0.3	0.1	60	0.28	0.049
1030618	Soil		0.8	32.0	5.8	54	<0.1	22.2	14.5	397	2.56	5.6	0.4	1.2	2.4	22	0.1	0.3	<0.1	62	0.28	0.053
1009803	Soil		0.6	49.2	6.2	76	<0.1	26.8	15.6	423	3.25	3.6	1.3	<0.5	7.9	19	<0.1	0.3	<0.1	67	0.24	0.016
1009817	Soil		0.3	42.7	2.9	28	<0.1	23.1	11.9	285	2.05	3.1	0.2	0.8	0.7	22	<0.1	0.2	<0.1	56	0.41	0.049
1030641	Soil		0.5	36.7	4.6	55	<0.1	25.7	14.7	474	3.07	3.6	0.8	2.4	3.3	38	<0.1	0.3	0.1	76	0.45	0.052
1030642	Soil		0.9	39.6	5.3	54	<0.1	27.8	17.6	527	3.43	4.4	0.6	1.4	2.8	28	<0.1	0.2	0.1	81	0.33	0.049
1009821	Soil		0.2	49.3	2.0	21	<0.1	22.5	14.2	245	1.53	2.9	0.1	0.7	0.8	45	<0.1	<0.1	<0.1	36	1.30	0.023
1009807	Soil		0.5	39.5	6.6	53	<0.1	10.6	12.8	265	3.02	1.7	0.8	0.5	5.1	18	<0.1	0.1	0.2	71	0.38	0.108
1009819	Soil		0.4	45.8	7.2	84	<0.1	32.0	21.7	432	4.27	2.6	0.9	1.0	7.1	43	<0.1	0.2	<0.1	103	0.41	0.087
1009818	Soil		0.3	58.3	2.8	47	<0.1	42.6	15.6	306	2.94	3.9	0.2	0.6	1.9	44	<0.1	0.1	<0.1	65	0.59	0.057
1030644	Soil		0.9	24.2	8.7	49	<0.1	24.1	12.3	272	2.86	7.9	0.7	2.8	3.0	18	0.1	0.5	0.1	67	0.19	0.034
1009858	Soil		1.0	25.5	7.6	60	<0.1	24.6	15.6	439	3.21	8.1	0.7	2.1	3.4	26	<0.1	0.4	0.1	69	0.27	0.066
1021947	Soil		0.3	49.5	11.8	132	<0.1	25.7	17.8	601	4.00	1.5	1.1	3.4	10.8	28	<0.1	0.2	0.1	79	0.47	0.050
1021973	Soil		0.8	61.7	19.9	113	0.2	34.3	15.0	639	3.44	8.2	0.7	4.5	6.7	49	0.3	0.4	0.2	77	1.63	0.075
1030615	Soil		1.3	12.5	8.1	47	<0.1	22.9	10.3	288	2.70	6.2	0.4	1.8	1.5	21	0.1	0.3	0.2	71	0.24	0.042
1009859	Soil		0.8	33.4	7.0	61	<0.1	27.6	12.2	378	2.68	6.0	0.7	2.2	3.2	37	0.2	0.5	0.1	67	0.46	0.066
1009857	Soil		0.9	20.3	8.2	47	<0.1	21.1	9.6	225	2.64	7.5	0.5	4.8	1.9	25	0.1	0.4	0.1	70	0.28	0.051
1030646	Soil		1.0	36.3	7.7	55	<0.1	26.0	14.2	343	3.04	8.2	0.9	2.6	3.9	25	<0.1	0.5	0.1	70	0.21	0.039

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1009809	Soil	23	45	1.13	213	0.240	<1	2.31	0.028	0.33	<0.1	<0.01	3.8	0.2	<0.05	7	<0.5	<0.2
1009813	Soil	3	67	1.38	149	0.206	<1	2.54	0.020	0.06	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1009808	Soil	5	32	0.64	176	0.114	2	1.62	0.023	0.16	<0.1	<0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
1009804	Soil	28	47	0.83	273	0.123	2	2.33	0.016	0.07	0.1	0.03	8.2	0.1	<0.05	6	0.6	<0.2
1009806	Soil	5	33	1.02	245	0.227	<1	2.61	0.011	0.43	<0.1	<0.01	4.2	0.2	<0.05	8	<0.5	<0.2
1009824	Soil	2	10	0.20	46	0.021	<1	0.92	0.010	0.09	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1009855	Soil	10	35	0.69	177	0.109	2	2.13	0.012	0.11	0.2	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1030643	Soil	9	50	0.94	181	0.152	2	2.66	0.020	0.09	<0.1	0.03	3.4	<0.1	<0.05	7	<0.5	<0.2
1030614	Soil	9	35	0.91	161	0.140	2	2.15	0.012	0.15	0.1	0.04	2.7	<0.1	<0.05	7	<0.5	<0.2
1009860	Soil	11	41	0.68	256	0.065	1	2.38	0.012	0.06	0.1	0.04	4.1	0.1	<0.05	7	0.6	<0.2
1030647	Soil	8	38	0.85	204	0.130	2	2.54	0.012	0.09	0.2	0.04	3.2	0.1	<0.05	7	0.6	<0.2
1030639	Soil	7	25	0.45	80	0.140	<1	1.64	0.008	0.07	0.1	0.05	1.9	<0.1	<0.05	9	<0.5	<0.2
1030620	Soil	10	27	0.61	152	0.093	2	1.91	0.012	0.07	0.2	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
1030618	Soil	8	33	0.90	152	0.117	<1	1.80	0.010	0.13	0.1	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1009803	Soil	14	52	1.01	201	0.234	<1	2.38	0.013	0.24	<0.1	<0.01	3.0	0.1	<0.05	8	<0.5	<0.2
1009817	Soil	2	30	0.55	141	0.102	<1	1.56	0.037	0.05	<0.1	0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1030641	Soil	13	34	1.17	277	0.178	1	1.93	0.016	0.24	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
1030642	Soil	8	42	1.32	225	0.195	2	2.72	0.014	0.25	0.1	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
1009821	Soil	2	64	0.84	64	0.081	1	2.61	0.020	0.08	<0.1	<0.01	3.5	<0.1	<0.05	4	<0.5	<0.2
1009807	Soil	8	19	0.92	190	0.203	<1	1.71	0.018	0.32	0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1009819	Soil	15	49	1.62	307	0.294	2	3.01	0.020	0.93	<0.1	0.01	4.5	0.2	<0.05	9	<0.5	<0.2
1009818	Soil	4	124	1.07	123	0.166	1	2.60	0.027	0.16	<0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1030644	Soil	11	33	0.61	153	0.092	2	1.95	0.010	0.05	0.1	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1009858	Soil	9	39	0.79	208	0.110	2	2.37	0.016	0.08	0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1021947	Soil	29	53	1.80	240	0.244	<1	2.38	0.017	0.57	0.1	0.03	3.7	0.3	<0.05	8	<0.5	<0.2
1021973	Soil	20	44	1.28	303	0.140	2	1.94	0.032	0.20	0.2	0.06	5.2	0.1	<0.05	6	<0.5	<0.2
1030615	Soil	9	37	0.86	119	0.136	2	1.81	0.012	0.15	<0.1	0.02	2.2	<0.1	<0.05	7	<0.5	<0.2
1009859	Soil	12	40	0.85	306	0.125	2	1.69	0.022	0.09	0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1009857	Soil	12	35	0.63	188	0.103	2	1.94	0.012	0.08	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1030646	Soil	13	36	0.78	197	0.115	1	2.39	0.013	0.10	0.1	0.04	4.1	0.1	<0.05	6	<0.5	<0.2

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Project: PED
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CERTIFICATE OF ANALYSIS WHI11000178A.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030640	Soil		0.6	29.2	5.3	52	<0.1	16.4	10.8	394	2.59	3.5	0.7	4.3	3.3	32	<0.1	0.3	<0.1	59	0.31	0.039
1030613	Soil		1.0	20.2	10.2	50	<0.1	26.7	12.0	330	2.89	7.4	0.6	2.5	3.6	25	0.2	0.4	0.1	73	0.29	0.049
1030645	Soil		0.9	32.9	7.4	52	<0.1	25.1	14.5	347	2.89	7.8	0.7	3.1	3.0	23	0.1	0.5	0.1	66	0.24	0.052
1030619	Soil		0.9	26.2	6.7	51	<0.1	20.6	13.1	360	3.12	7.1	0.5	2.2	2.7	20	0.1	0.3	0.1	83	0.26	0.044
1030638	Soil		1.0	19.4	5.9	50	<0.1	21.1	13.1	421	2.74	4.5	0.6	2.3	3.0	24	0.1	0.3	0.1	67	0.31	0.050
1030617	Soil		1.8	29.1	6.0	52	<0.1	22.3	13.3	412	2.80	5.3	0.5	2.9	2.5	26	0.1	0.3	<0.1	64	0.35	0.055
1030616	Soil		1.0	31.8	7.3	56	<0.1	80.8	17.1	386	3.45	8.3	0.7	2.4	3.7	22	<0.1	0.4	0.1	79	0.32	0.047
1009856	Soil		1.1	24.0	7.3	56	<0.1	25.3	13.5	355	3.22	8.0	0.5	2.8	3.2	27	0.1	0.5	0.1	73	0.28	0.055
1021959	Soil		0.5	97.9	4.6	66	<0.1	17.8	20.3	455	4.17	3.5	0.4	0.9	2.1	25	0.1	0.2	<0.1	136	0.66	0.046
1021977	Soil		0.3	42.9	5.5	114	<0.1	9.5	17.0	1080	5.52	0.7	1.9	0.8	11.0	22	0.1	<0.1	<0.1	82	0.52	0.113
1021969	Soil		0.3	93.1	3.0	86	<0.1	13.3	20.9	640	5.15	2.0	0.6	<0.5	2.3	17	<0.1	0.1	<0.1	155	0.55	0.137
1021981	Soil		0.5	20.9	8.8	113	<0.1	16.4	21.8	819	4.89	2.8	0.4	<0.5	4.2	30	<0.1	0.2	<0.1	93	0.55	0.071
1021651	Soil		0.9	72.6	5.1	53	<0.1	22.9	27.5	862	5.66	4.1	0.6	5.8	2.1	28	0.1	0.5	<0.1	140	0.79	0.139
1021971	Soil		0.7	50.3	7.5	78	0.1	25.8	13.5	475	3.31	6.1	0.7	2.2	4.6	62	0.1	0.4	0.1	75	1.10	0.064
1021957	Soil		0.5	38.8	2.7	55	0.2	14.1	25.2	373	3.63	3.8	0.6	3.0	1.3	28	<0.1	0.2	<0.1	145	1.11	0.249
1021980	Soil		0.6	24.3	7.5	80	<0.1	22.2	16.3	702	4.18	4.3	0.8	1.2	6.5	29	<0.1	0.3	<0.1	68	0.51	0.059
1021953	Soil		1.1	74.9	2.1	54	<0.1	10.4	30.6	795	6.22	0.9	1.4	3.4	1.1	42	<0.1	0.2	0.1	166	0.68	0.099
1021958	Soil		0.7	67.1	5.4	52	0.2	27.4	13.8	379	2.87	7.9	0.6	7.1	2.0	234	0.3	0.6	0.1	87	11.56	0.058
1021970	Soil		1.1	29.7	6.3	113	<0.1	11.3	12.9	895	5.58	0.6	1.6	2.5	2.8	30	<0.1	0.2	<0.1	46	0.64	0.135
1021975	Soil		0.5	30.0	4.0	115	<0.1	17.9	23.2	981	5.54	3.4	0.6	2.0	6.1	35	<0.1	0.2	<0.1	97	0.60	0.107
1021972	Soil		0.6	39.6	10.5	84	<0.1	24.3	13.6	569	2.93	6.0	0.6	4.5	4.8	81	0.2	0.6	0.2	65	1.82	0.053
1021976	Soil		0.3	20.1	3.6	89	<0.1	11.9	16.4	728	4.08	1.9	0.6	2.0	5.9	27	<0.1	0.1	<0.1	71	0.47	0.096
1021978	Soil		0.5	26.0	6.6	75	<0.1	18.1	17.2	729	3.50	2.9	0.7	1.5	4.5	32	0.1	0.2	<0.1	72	0.59	0.067
1021979	Soil		1.5	38.8	11.7	95	<0.1	18.7	13.6	665	3.90	2.6	3.4	2.2	22.8	20	0.2	0.3	0.2	28	0.25	0.045
1022829	Soil		0.5	83.4	2.7	108	<0.1	14.1	22.8	503	5.85	1.2	0.5	<0.5	2.7	18	<0.1	<0.1	<0.1	250	0.55	0.112
1022825	Soil		0.7	41.5	10.5	101	<0.1	20.3	15.1	669	3.33	6.7	0.6	3.1	2.8	37	0.1	0.4	0.1	73	0.51	0.045
1022814	Soil		0.9	25.5	3.6	157	<0.1	21.2	20.9	741	7.80	2.2	0.5	<0.5	2.2	23	<0.1	<0.1	<0.1	180	0.58	0.134
1022815	Soil		0.4	58.2	2.2	81	<0.1	38.7	25.0	806	4.24	2.4	0.2	1.1	0.8	26	<0.1	0.2	<0.1	118	0.71	0.070
1022831	Soil		0.4	97.5	18.7	229	<0.1	27.2	20.5	404	5.76	1.3	1.2	0.8	10.7	49	0.2	0.1	<0.1	202	0.83	0.127
1022832	Soil		0.7	42.7	8.4	119	<0.1	17.2	14.6	704	3.75	2.7	0.8	<0.5	3.5	34	0.2	0.3	<0.1	84	0.46	0.058

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030640	Soil	12	24	0.74	203	0.152	1	1.65	0.013	0.17	0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1030613	Soil	11	43	0.80	141	0.120	2	2.05	0.012	0.08	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1030645	Soil	9	34	0.78	158	0.123	2	2.32	0.019	0.12	0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1030619	Soil	9	36	0.89	173	0.159	2	2.15	0.013	0.18	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1030638	Soil	12	30	0.91	173	0.152	2	1.83	0.013	0.24	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1030617	Soil	11	35	0.96	205	0.136	1	1.89	0.017	0.22	0.1	0.02	2.8	0.1	<0.05	5	<0.5	<0.2
1030616	Soil	11	147	1.42	164	0.114	2	2.48	0.014	0.08	0.1	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1009856	Soil	10	37	0.76	169	0.118	1	2.33	0.013	0.08	0.2	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1021959	Soil	8	36	1.18	298	0.227	2	2.23	0.043	0.34	<0.1	<0.01	7.2	<0.1	<0.05	8	<0.5	<0.2
1021977	Soil	27	18	1.29	371	0.310	<1	2.75	0.014	1.27	<0.1	<0.01	6.7	0.3	<0.05	11	<0.5	<0.2
1021969	Soil	7	24	1.63	446	0.384	<1	2.63	0.030	1.52	<0.1	<0.01	7.1	0.2	<0.05	10	<0.5	<0.2
1021981	Soil	8	32	1.49	343	0.280	<1	2.63	0.016	0.77	0.2	0.02	4.1	0.2	<0.05	9	<0.5	<0.2
1021651	Soil	13	19	0.92	261	0.086	2	2.30	0.042	0.21	<0.1	0.06	16.4	<0.1	<0.05	9	<0.5	<0.2
1021971	Soil	16	41	1.05	320	0.140	2	1.98	0.034	0.26	0.1	0.03	5.7	<0.1	<0.05	7	<0.5	<0.2
1021957	Soil	8	15	1.27	133	0.153	<1	1.94	0.079	0.13	<0.1	0.03	7.3	<0.1	<0.05	8	<0.5	<0.2
1021980	Soil	15	42	1.15	235	0.132	<1	2.34	0.013	0.23	0.1	0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
1021953	Soil	6	8	1.11	246	0.110	<1	2.67	0.068	0.13	<0.1	0.04	12.8	<0.1	0.08	9	1.2	0.3
1021958	Soil	10	30	1.26	441	0.135	2	1.74	0.051	0.11	0.1	0.05	5.6	<0.1	0.05	5	<0.5	<0.2
1021970	Soil	15	9	1.05	206	0.196	<1	2.56	0.015	0.69	<0.1	0.01	6.7	<0.1	<0.05	12	0.7	<0.2
1021975	Soil	10	26	1.54	366	0.407	1	2.92	0.020	1.54	0.1	0.01	3.6	0.4	<0.05	10	<0.5	<0.2
1021972	Soil	14	32	1.02	279	0.127	2	1.86	0.046	0.21	0.1	0.04	4.5	0.1	<0.05	6	<0.5	<0.2
1021976	Soil	9	18	1.15	288	0.302	1	2.16	0.014	1.11	0.1	<0.01	2.5	0.3	<0.05	7	<0.5	<0.2
1021978	Soil	15	34	1.53	147	0.104	<1	2.13	0.022	0.12	0.1	0.02	6.3	<0.1	<0.05	7	<0.5	<0.2
1021979	Soil	51	16	0.22	544	0.014	<1	0.83	0.009	0.20	<0.1	0.03	5.2	<0.1	<0.05	2	<0.5	<0.2
1022829	Soil	7	40	3.01	809	0.287	<1	3.55	0.024	1.34	<0.1	<0.01	16.4	0.4	<0.05	12	<0.5	<0.2
1022825	Soil	9	29	1.12	345	0.148	3	2.24	0.015	0.49	<0.1	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1022814	Soil	8	54	4.41	1274	0.297	2	5.62	0.022	1.63	<0.1	0.01	21.4	0.3	<0.05	18	<0.5	<0.2
1022815	Soil	3	87	1.52	128	0.158	1	2.08	0.039	0.13	<0.1	0.01	8.7	<0.1	<0.05	9	<0.5	<0.2
1022831	Soil	28	81	3.11	653	0.318	<1	4.56	0.033	1.19	<0.1	<0.01	11.9	0.3	<0.05	17	0.5	<0.2
1022832	Soil	12	32	0.99	301	0.051	2	2.56	0.014	0.10	<0.1	0.01	6.2	<0.1	<0.05	9	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022817	Soil	0.3	65.8	2.3	54	<0.1	43.4	21.2	419	3.52	1.7	0.4	0.7	1.9	14	<0.1	0.1	<0.1	83	0.45	0.058
1022830	Soil	0.6	25.5	6.0	90	<0.1	11.0	11.7	359	3.21	7.8	0.3	<0.5	1.9	22	0.1	0.2	<0.1	79	0.38	0.043
1022835	Soil	0.9	19.6	8.6	80	<0.1	16.0	12.5	456	3.52	4.7	0.5	1.7	4.0	22	<0.1	0.3	0.1	72	0.29	0.041
1022836	Soil	0.8	23.9	6.6	83	<0.1	15.3	16.1	546	3.90	3.4	0.9	1.1	4.8	28	<0.1	0.2	<0.1	79	0.49	0.072
1022833	Soil	0.7	25.4	7.5	166	<0.1	13.7	25.9	1273	5.94	4.9	0.5	1.7	3.7	36	0.1	0.2	<0.1	151	0.39	0.057
1022834	Soil	0.8	28.8	9.1	101	<0.1	18.6	16.6	549	4.51	5.2	0.4	0.7	3.5	26	<0.1	0.3	0.1	90	0.31	0.046
1022813	Soil	0.5	39.2	3.3	61	<0.1	17.3	15.9	243	3.29	2.7	0.3	1.4	1.5	15	<0.1	0.2	<0.1	94	0.42	0.063
1022812	Soil	0.8	15.2	8.7	184	<0.1	14.5	18.8	990	4.68	3.0	0.6	1.4	4.2	24	0.1	0.3	0.2	123	0.41	0.042
1022811	Soil	0.6	18.8	6.8	129	<0.1	21.4	21.9	1101	3.29	2.4	0.4	1.0	2.8	37	0.2	0.2	0.1	74	0.52	0.098
1027521	Soil	0.7	33.4	6.0	66	<0.1	18.7	12.9	427	3.04	5.6	0.4	<0.5	2.8	31	<0.1	0.3	0.1	67	0.44	0.035
1027542	Soil	0.8	59.7	4.9	72	<0.1	26.2	19.6	498	3.79	2.9	0.5	2.8	2.6	20	<0.1	0.1	<0.1	103	0.54	0.071
1027539	Soil	0.8	40.7	6.6	133	<0.1	14.7	17.3	1018	6.82	2.4	0.7	1.8	3.8	14	<0.1	0.2	<0.1	145	0.43	0.143
1027538	Soil	1.2	51.2	7.4	71	0.1	27.5	15.1	428	3.59	6.3	1.2	2.2	3.5	28	<0.1	0.3	<0.1	90	0.52	0.044
1027540	Soil	0.9	45.2	10.2	51	<0.1	19.4	12.1	386	2.86	6.2	0.8	1.9	2.7	28	0.1	0.3	<0.1	72	0.53	0.054
1027544	Soil	1.0	50.2	8.4	64	<0.1	32.7	14.6	477	3.18	8.8	0.5	4.4	3.3	34	<0.1	0.5	0.1	77	0.61	0.037
1027543	Soil	0.9	71.0	13.1	55	<0.1	39.5	21.3	526	3.68	5.2	0.4	4.2	2.0	35	<0.1	0.3	<0.1	104	0.70	0.030
1027513	Soil	0.9	78.1	7.0	118	0.1	27.9	19.3	554	4.71	3.5	0.9	1.7	3.2	32	0.2	0.2	<0.1	108	0.62	0.083
1027541	Soil	0.5	60.4	7.3	54	<0.1	22.5	15.9	380	3.16	3.7	0.3	<0.5	2.2	17	0.1	0.2	<0.1	84	0.48	0.025
1027520	Soil	0.8	61.3	5.0	68	<0.1	21.4	16.1	578	3.39	5.2	0.4	0.8	2.7	36	0.1	0.3	<0.1	74	0.54	0.035
1027515	Soil	0.9	35.8	9.5	67	0.1	17.9	16.2	647	3.62	5.3	0.7	1.0	5.2	22	0.1	0.3	0.1	78	0.49	0.034
1027514	Soil	0.9	120.0	5.7	210	0.2	16.6	24.6	880	4.87	3.6	0.6	3.2	0.5	47	<0.1	0.1	<0.1	109	0.77	0.069
1022900	Soil	0.8	28.9	9.7	107	<0.1	18.1	14.9	752	3.89	5.5	0.7	0.9	8.5	23	<0.1	0.2	<0.1	69	0.39	0.032
1027518	Soil	0.8	58.1	7.8	78	<0.1	20.5	15.2	736	3.34	5.5	0.5	1.3	3.0	43	0.2	0.4	0.1	69	0.62	0.037
1027519	Soil	0.7	44.6	8.1	68	<0.1	24.1	13.9	528	3.14	8.1	0.4	<0.5	3.2	35	0.1	0.4	0.1	71	0.53	0.033
1027516	Soil	0.7	44.3	11.2	69	<0.1	19.0	14.2	522	3.13	6.1	0.4	<0.5	3.3	26	<0.1	0.2	0.1	68	0.45	0.034
1027517	Soil	0.9	34.3	16.1	79	<0.1	15.7	10.6	616	2.74	5.1	0.5	3.0	2.6	33	0.2	0.4	0.2	53	0.58	0.044
1021816	Soil	1.0	30.4	7.4	58	<0.1	24.2	11.0	342	3.13	6.3	0.6	2.7	3.5	44	<0.1	0.4	0.2	84	0.33	0.017
1021820	Soil	1.2	13.9	29.9	59	<0.1	21.4	8.4	324	3.04	8.5	1.1	2.4	12.3	15	<0.1	0.6	0.4	75	0.13	0.028
1027512	Soil	0.4	23.6	4.3	55	<0.1	9.6	11.6	306	4.07	5.3	0.5	1.5	1.7	20	<0.1	0.3	0.1	103	0.74	0.267
1009924	Soil	0.7	23.7	10.6	81	<0.1	51.7	21.2	880	4.37	3.1	0.7	1.1	6.4	31	<0.1	0.3	<0.1	80	0.55	0.059

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Project: PED
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022817	Soil	7	92	2.05	218	0.176	1	2.35	0.028	0.41	<0.1	<0.01	5.5	<0.1	<0.05	7	<0.5	<0.2
1022830	Soil	5	18	0.81	229	0.114	<1	2.32	0.017	0.14	<0.1	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1022835	Soil	10	31	0.89	194	0.140	<1	2.27	0.012	0.11	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1022836	Soil	14	34	1.22	272	0.210	<1	2.41	0.016	0.31	0.1	0.01	3.7	0.2	<0.05	8	<0.5	<0.2
1022833	Soil	5	24	2.47	248	0.358	<1	3.94	0.010	0.77	0.1	0.02	5.4	0.3	<0.05	12	<0.5	<0.2
1022834	Soil	8	34	1.21	226	0.232	<1	3.06	0.011	0.14	0.1	0.02	2.8	0.2	<0.05	8	<0.5	<0.2
1022813	Soil	4	48	1.41	188	0.131	2	2.09	0.029	0.23	<0.1	0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1022812	Soil	8	28	1.88	241	0.171	<1	3.32	0.013	0.11	<0.1	0.02	8.3	<0.1	<0.05	11	<0.5	<0.2
1022811	Soil	7	38	0.96	528	0.154	<1	2.43	0.021	0.07	<0.1	0.02	3.7	<0.1	<0.05	9	<0.5	<0.2
1027521	Soil	7	29	0.97	212	0.149	<1	1.97	0.015	0.47	<0.1	0.02	4.1	0.2	<0.05	6	<0.5	<0.2
1027542	Soil	11	40	1.48	337	0.172	1	2.11	0.034	0.32	<0.1	0.02	7.0	0.1	<0.05	8	<0.5	<0.2
1027539	Soil	15	22	2.55	715	0.472	<1	3.80	0.018	2.22	<0.1	0.01	20.2	0.4	<0.05	15	<0.5	<0.2
1027538	Soil	13	39	1.41	441	0.184	1	2.18	0.024	0.41	0.1	0.03	7.5	0.2	<0.05	7	<0.5	<0.2
1027540	Soil	11	32	1.02	267	0.105	2	1.61	0.025	0.23	<0.1	0.04	5.9	<0.1	<0.05	5	<0.5	<0.2
1027544	Soil	12	43	0.99	301	0.120	1	1.90	0.038	0.08	<0.1	0.05	5.8	<0.1	<0.05	6	<0.5	<0.2
1027543	Soil	6	76	1.57	168	0.157	<1	2.30	0.031	0.12	0.2	0.02	8.4	<0.1	<0.05	7	<0.5	<0.2
1027513	Soil	12	51	2.01	648	0.253	<1	2.77	0.024	0.94	<0.1	0.02	8.4	0.3	<0.05	11	0.5	<0.2
1027541	Soil	6	35	1.24	146	0.148	<1	2.04	0.034	0.10	0.1	<0.01	6.4	<0.1	<0.05	6	<0.5	<0.2
1027520	Soil	8	26	1.41	253	0.192	1	2.32	0.015	0.52	0.1	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1027515	Soil	13	24	1.25	278	0.163	<1	2.38	0.012	0.75	<0.1	0.02	5.4	0.2	<0.05	7	<0.5	<0.2
1027514	Soil	2	21	2.42	450	0.295	<1	3.23	0.026	0.60	<0.1	0.02	3.4	0.3	<0.05	8	<0.5	<0.2
1022900	Soil	15	22	1.51	225	0.096	1	2.42	0.010	0.32	0.3	0.02	6.6	0.1	<0.05	9	<0.5	<0.2
1027518	Soil	9	28	1.09	385	0.131	<1	2.21	0.017	0.44	0.1	0.02	4.4	0.1	<0.05	7	<0.5	<0.2
1027519	Soil	10	29	1.06	259	0.151	3	2.09	0.019	0.48	<0.1	0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1027516	Soil	8	26	1.03	236	0.147	<1	1.98	0.013	0.52	0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1027517	Soil	11	22	0.63	486	0.033	2	1.78	0.010	0.21	0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1021816	Soil	8	33	0.79	248	0.102	<1	2.37	0.012	0.06	0.1	<0.01	4.8	<0.1	<0.05	8	<0.5	<0.2
1021820	Soil	7	30	0.51	165	0.045	1	2.25	0.010	0.05	0.2	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1027512	Soil	6	14	1.18	334	0.120	<1	2.49	0.020	0.30	0.3	<0.01	5.3	0.1	<0.05	6	<0.5	<0.2
1009924	Soil	15	93	1.57	259	0.141	1	2.66	0.011	0.30	<0.1	<0.01	5.5	0.1	<0.05	9	0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1009925	Soil	0.8	20.9	7.8	58	<0.1	22.7	12.2	400	3.00	6.9	0.6	2.2	5.7	22	<0.1	0.5	0.1	67	0.28	0.030
1009940	Soil	0.7	31.3	6.4	110	<0.1	19.8	18.9	594	3.73	2.5	0.2	1.0	2.2	41	0.1	0.3	<0.1	94	0.49	0.059
1009920	Soil	0.4	96.9	18.5	88	<0.1	107.1	32.0	800	5.11	4.5	2.2	1.1	12.0	30	0.1	0.2	0.2	154	0.64	0.111
1009938	Soil	0.6	12.0	6.7	61	<0.1	16.4	13.1	513	3.26	3.4	0.7	1.2	7.8	23	<0.1	0.3	<0.1	50	0.35	0.040
1009936	Soil	0.7	38.4	5.2	65	<0.1	23.8	12.3	528	3.46	7.2	0.8	1.9	6.2	27	<0.1	0.5	0.1	66	0.47	0.083
1009922	Soil	0.8	13.3	10.1	67	<0.1	22.0	13.0	553	2.99	6.1	0.4	1.2	3.3	25	<0.1	0.4	0.1	76	0.31	0.051
1009921	Soil	0.4	46.8	4.4	50	<0.1	34.8	15.9	332	2.15	12.0	0.2	0.8	1.3	23	<0.1	0.2	<0.1	53	0.40	0.053
1009916	Soil	0.7	36.6	6.3	75	<0.1	19.3	13.8	405	3.81	6.3	0.6	3.6	3.1	16	<0.1	0.4	0.1	86	0.31	0.079
1009915	Soil	0.8	41.8	7.3	55	<0.1	25.8	9.9	412	2.80	10.6	0.7	4.8	4.0	31	0.1	0.7	0.2	68	0.44	0.081
1009939	Soil	0.7	14.4	9.4	80	<0.1	22.4	18.5	818	4.29	3.9	0.6	<0.5	11.5	29	<0.1	0.3	<0.1	59	0.44	0.050
1009928	Soil	0.7	14.5	6.1	118	<0.1	24.3	19.2	1032	4.21	3.3	0.3	<0.5	4.1	35	0.1	0.3	<0.1	81	0.58	0.103
1009919	Soil	0.8	69.5	9.6	60	<0.1	20.6	13.4	452	2.82	5.8	0.4	1.1	2.3	20	<0.1	0.4	0.1	77	0.48	0.134
1030589	Soil	0.8	23.2	6.3	65	<0.1	24.1	13.1	367	3.17	6.9	0.5	2.0	3.1	20	0.1	0.4	0.1	70	0.28	0.054
1030572	Soil	1.1	31.1	8.8	60	<0.1	25.5	15.2	399	3.32	10.0	0.6	2.0	3.5	17	0.2	0.5	0.1	75	0.22	0.036
1030588	Soil	0.7	20.3	6.2	37	<0.1	14.3	8.7	234	2.31	2.8	0.6	1.5	1.5	14	0.2	0.2	0.1	66	0.18	0.060
1030575	Soil	0.3	53.9	3.6	51	<0.1	33.7	21.1	287	3.23	3.2	0.4	0.7	2.0	14	<0.1	0.2	<0.1	114	0.49	0.132
1030568	Soil	0.8	31.8	7.7	41	<0.1	18.7	9.8	258	2.97	6.0	0.5	2.3	1.5	12	<0.1	0.3	0.1	89	0.23	0.063
1030574	Soil	0.7	24.0	6.3	56	<0.1	21.2	14.4	286	3.02	6.1	0.7	2.8	3.2	16	<0.1	0.4	<0.1	82	0.36	0.081
1030571	Soil	0.4	80.3	3.3	64	<0.1	44.6	21.5	511	3.86	1.6	0.2	<0.5	0.8	27	0.1	<0.1	<0.1	117	0.63	0.143
1030569	Soil	0.5	66.2	6.4	75	<0.1	22.5	18.0	550	4.04	3.2	0.8	2.8	2.4	35	<0.1	0.3	0.2	105	0.60	0.138
1030587	Soil	1.0	20.4	9.1	60	0.1	15.5	10.6	321	2.30	0.7	0.3	2.0	1.3	18	0.2	0.2	0.1	76	0.18	0.036
1030576	Soil	0.7	19.7	7.7	24	<0.1	7.5	4.5	111	1.53	<0.5	0.3	1.1	0.2	10	<0.1	0.2	0.1	52	0.16	0.051
1030585	Soil	0.6	37.9	7.8	103	<0.1	27.1	14.9	468	3.13	6.7	0.4	1.0	2.9	20	0.2	0.4	0.1	70	0.24	0.027
1030586	Soil	1.0	33.5	9.5	64	<0.1	22.3	13.4	321	3.10	7.1	0.5	0.5	2.6	17	0.3	0.4	0.1	73	0.24	0.051
1021818	Soil	1.0	15.0	31.5	62	<0.1	17.5	11.0	544	3.00	7.7	4.0	1.5	30.0	19	<0.1	0.4	0.6	56	0.23	0.066
1027502	Soil	1.0	74.1	6.5	70	<0.1	25.7	15.3	449	3.77	4.8	0.7	1.1	3.8	57	<0.1	0.3	0.4	103	0.48	0.046
1021819	Soil	1.0	24.5	28.9	67	<0.1	31.7	12.3	605	3.22	9.0	3.3	2.6	42.2	26	<0.1	0.5	0.4	76	0.35	0.025
1027505	Soil	1.2	22.7	13.7	63	<0.1	29.2	14.5	328	3.29	10.1	0.6	<0.5	3.9	17	0.1	0.6	1.1	79	0.19	0.022
1022768	Soil	1.4	11.2	22.4	66	<0.1	17.4	8.9	528	2.95	6.0	1.9	1.6	15.6	12	<0.1	0.5	0.4	71	0.14	0.028
1022769	Soil	1.0	16.5	30.2	46	<0.1	19.6	7.7	334	2.65	7.5	1.6	0.7	16.7	16	<0.1	0.5	0.3	63	0.16	0.022

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1009925	Soil	11	31	0.70	209	0.110	1	1.63	0.011	0.18	0.2	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1009940	Soil	4	17	1.30	244	0.165	<1	2.52	0.010	0.07	<0.1	0.01	2.7	<0.1	<0.05	8	<0.5	<0.2
1009920	Soil	7	62	2.68	290	0.299	1	3.47	0.015	0.13	0.5	0.01	4.3	0.1	<0.05	11	<0.5	<0.2
1009938	Soil	21	15	0.81	193	0.037	<1	1.81	0.006	0.17	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1009936	Soil	22	20	0.82	317	0.115	2	1.65	0.014	0.27	0.2	0.04	5.0	0.1	<0.05	6	<0.5	<0.2
1009922	Soil	9	34	0.78	302	0.098	1	1.89	0.012	0.12	0.2	0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1009921	Soil	4	56	0.82	207	0.071	1	1.72	0.011	0.09	<0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1009916	Soil	9	23	1.26	355	0.162	1	2.36	0.015	0.46	0.1	0.01	6.1	0.2	<0.05	7	<0.5	<0.2
1009915	Soil	14	32	0.61	299	0.069	<1	1.32	0.022	0.05	0.2	0.03	5.5	<0.1	<0.05	4	0.6	<0.2
1009939	Soil	27	21	1.34	186	0.038	<1	2.47	0.008	0.10	0.1	<0.01	4.0	<0.1	<0.05	9	<0.5	<0.2
1009928	Soil	9	33	1.40	474	0.229	2	2.93	0.013	0.58	0.1	<0.01	3.0	0.2	<0.05	9	<0.5	<0.2
1009919	Soil	7	28	0.57	216	0.056	1	1.70	0.025	0.05	0.1	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
1030589	Soil	9	33	0.86	144	0.104	1	2.11	0.010	0.13	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1030572	Soil	10	34	0.74	189	0.098	2	2.67	0.014	0.09	0.2	0.03	4.4	<0.1	<0.05	6	<0.5	<0.2
1030588	Soil	7	27	0.84	153	0.119	1	1.84	0.010	0.29	<0.1	0.03	2.2	<0.1	<0.05	8	<0.5	<0.2
1030575	Soil	9	49	1.90	202	0.180	1	2.46	0.021	0.32	<0.1	<0.01	2.2	0.1	<0.05	7	<0.5	<0.2
1030568	Soil	8	35	0.81	237	0.110	1	1.73	0.013	0.20	0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1030574	Soil	14	27	0.94	197	0.109	1	2.23	0.017	0.10	0.2	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1030571	Soil	3	69	1.84	239	0.225	<1	3.02	0.024	0.32	<0.1	0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1030569	Soil	12	28	1.43	494	0.218	1	2.83	0.025	0.47	0.2	0.02	6.3	0.2	<0.05	9	<0.5	<0.2
1030587	Soil	4	28	0.87	168	0.194	<1	1.54	0.014	0.19	<0.1	0.04	1.5	<0.1	<0.05	8	<0.5	<0.2
1030576	Soil	7	17	0.42	106	0.079	<1	0.99	0.014	0.09	<0.1	0.02	1.4	<0.1	<0.05	6	<0.5	<0.2
1030585	Soil	8	39	1.17	213	0.150	1	2.43	0.012	0.19	0.1	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1030586	Soil	8	37	0.85	137	0.113	1	2.13	0.011	0.11	0.2	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1021818	Soil	20	24	0.51	115	0.041	<1	2.01	0.009	0.07	0.3	<0.01	3.6	0.2	<0.05	8	<0.5	<0.2
1027502	Soil	11	32	1.13	267	0.175	<1	3.05	0.020	0.14	0.2	0.01	6.2	<0.1	<0.05	10	<0.5	<0.2
1021819	Soil	26	42	0.70	175	0.101	<1	2.38	0.010	0.11	0.2	0.02	8.2	0.2	<0.05	8	<0.5	<0.2
1027505	Soil	9	41	0.65	237	0.082	2	2.61	0.013	0.06	1.0	0.02	4.1	0.1	<0.05	7	<0.5	<0.2
1022768	Soil	11	30	0.44	138	0.050	<1	2.04	0.010	0.06	0.1	0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1022769	Soil	12	29	0.46	182	0.042	<1	1.81	0.009	0.04	0.2	0.02	3.2	0.1	<0.05	5	<0.5	<0.2

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Project: PED
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CERTIFICATE OF ANALYSIS WHI11000178A.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029581	Soil	0.5	58.7	3.8	51	<0.1	34.0	20.4	404	3.21	2.7	0.6	<0.5	2.4	29	<0.1	0.2	<0.1	95	0.55	0.142
1029554	Soil	1.1	22.1	9.1	72	<0.1	26.8	14.3	514	3.41	6.7	0.4	1.1	2.6	38	<0.1	0.5	0.1	86	0.39	0.035
1021781	Soil	1.5	24.9	49.8	68	<0.1	28.6	9.0	718	2.58	6.3	5.7	4.7	44.2	26	<0.1	0.5	0.7	52	0.45	0.044
1021783	Soil	1.2	7.9	66.7	55	<0.1	15.5	6.2	732	2.20	4.6	9.3	<0.5	73.1	14	<0.1	0.4	1.0	32	0.21	0.038
1021789	Soil	0.7	23.2	51.6	55	<0.1	15.7	7.5	934	1.95	4.2	3.1	2.1	59.8	59	<0.1	0.4	0.6	32	3.59	0.064
1201770	Soil	0.6	5.8	61.6	40	<0.1	6.8	3.4	1254	1.37	1.0	9.6	297.3	65.7	16	<0.1	0.4	2.1	13	0.20	0.030
1021777	Soil	0.8	12.4	57.0	52	<0.1	15.3	6.9	593	2.09	4.8	5.0	4.1	45.1	14	<0.1	0.4	0.6	39	0.15	0.022
1021782	Soil	1.2	9.9	61.3	70	<0.1	18.2	6.8	1135	2.38	3.2	6.9	1.0	86.7	13	<0.1	0.4	0.8	38	0.25	0.049
1021779	Soil	0.6	6.0	44.2	66	<0.1	11.0	6.6	1031	2.26	1.6	4.1	<0.5	63.9	12	<0.1	0.2	0.4	39	0.28	0.072
1021778	Soil	0.9	12.7	32.9	49	<0.1	16.2	5.5	481	1.84	3.7	3.9	3.7	51.4	18	<0.1	0.3	0.4	33	0.28	0.043
1021774	Soil	0.1	3.8	51.9	13	<0.1	1.9	1.1	218	0.51	0.9	3.1	1.2	27.1	6	<0.1	0.2	0.6	6	0.05	0.006
1021773	Soil	0.5	3.5	47.1	34	<0.1	5.8	3.8	535	1.11	1.9	3.7	<0.5	31.6	6	<0.1	0.1	0.4	13	0.07	0.021
1021776	Soil	0.6	3.8	48.9	37	<0.1	6.1	3.9	551	1.14	2.1	3.8	0.5	32.2	6	<0.1	0.2	0.4	14	0.06	0.020
1021780	Soil	0.8	3.8	39.9	37	<0.1	7.3	3.5	666	1.36	2.2	5.4	0.7	47.4	6	<0.1	0.2	0.6	19	0.07	0.015
1022770	Soil	1.3	20.5	33.2	55	<0.1	21.8	9.2	439	2.54	7.0	3.3	3.4	23.5	28	<0.1	0.4	0.4	59	0.35	0.034
1021772	Soil	1.2	6.3	38.6	49	<0.1	12.8	6.9	610	2.05	4.4	3.4	1.5	45.8	10	<0.1	0.3	0.5	37	0.14	0.046
1029578	Soil	0.4	62.4	4.8	101	<0.1	12.6	23.7	1441	6.81	1.6	0.5	4.5	2.3	33	<0.1	0.2	<0.1	162	0.55	0.088
1021771	Soil	0.7	4.9	64.4	53	<0.1	8.5	4.5	272	1.72	5.1	4.4	2.4	41.5	10	<0.1	0.3	3.3	21	0.12	0.027
1029551	Soil	0.5	26.6	4.1	65	<0.1	16.5	16.6	461	3.84	7.2	0.3	<0.5	1.7	11	<0.1	0.3	<0.1	95	0.37	0.053
1029568	Soil	1.0	30.5	11.3	62	<0.1	22.2	11.1	440	2.81	9.5	1.7	5.6	5.1	21	0.1	0.6	0.2	61	0.22	0.039
1021775	Soil	1.2	5.8	39.0	51	<0.1	12.0	6.7	656	2.04	4.9	3.5	2.3	48.1	10	<0.1	0.3	0.5	35	0.13	0.049
1029571	Soil	0.7	28.9	8.0	62	<0.1	14.3	14.1	566	3.94	6.3	0.7	2.0	3.8	68	0.1	0.3	<0.1	87	0.75	0.054
1029574	Soil	1.3	6.2	42.5	51	<0.1	13.3	6.9	637	2.04	4.2	3.6	<0.5	51.4	10	<0.1	0.4	0.5	36	0.13	0.046
1029570	Soil	0.6	27.4	8.1	55	<0.1	14.1	13.5	521	3.66	5.0	0.8	<0.5	4.0	60	<0.1	0.2	<0.1	87	0.73	0.047
1029583	Soil	0.5	22.7	7.0	53	<0.1	24.6	14.1	466	3.18	6.7	0.9	1.8	4.2	23	<0.1	0.3	<0.1	76	0.29	0.033
1029553	Soil	0.8	29.9	8.8	80	<0.1	15.7	15.2	498	4.22	7.0	0.7	0.5	2.9	30	<0.1	0.3	<0.1	121	0.26	0.047
1029567	Soil	1.0	24.1	9.7	56	<0.1	22.1	11.9	369	3.29	7.5	0.6	0.7	3.7	15	<0.1	0.5	0.2	87	0.18	0.018
1021664	Soil	1.0	86.8	12.7	67	<0.1	58.2	23.1	700	4.45	5.7	1.3	1.1	7.5	44	<0.1	0.4	0.4	114	0.45	0.049
1029557	Soil	0.7	35.0	7.7	58	<0.1	20.5	13.2	415	3.09	6.2	0.9	2.6	3.7	28	<0.1	0.4	0.1	80	0.35	0.045
1029556	Soil	0.8	56.0	16.8	91	<0.1	17.6	18.7	826	5.02	3.0	1.2	3.5	6.5	26	0.1	0.4	0.1	92	0.55	0.093

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029581	Soil		13	64	1.69	411	0.225	<1	2.56	0.024	0.59	<0.1	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1029554	Soil		8	41	1.01	234	0.109	<1	2.74	0.012	0.05	<0.1	0.01	3.6	<0.1	<0.05	8	<0.5	<0.2
1021781	Soil		30	44	0.70	117	0.076	<1	1.62	0.018	0.12	0.2	0.02	6.5	0.2	<0.05	6	<0.5	<0.2
1021783	Soil		44	24	0.52	90	0.006	<1	1.51	0.007	0.09	0.2	<0.01	4.7	0.1	<0.05	7	<0.5	<0.2
1021789	Soil		29	17	0.63	120	0.030	<1	1.18	0.017	0.10	0.3	0.05	3.6	0.3	<0.05	4	<0.5	<0.2
1201770	Soil		57	10	0.41	77	0.001	<1	1.06	0.007	0.05	0.2	<0.01	2.9	0.2	<0.05	5	<0.5	<0.2
1021777	Soil		25	26	0.45	92	0.033	<1	1.59	0.009	0.07	0.2	<0.01	3.3	0.2	<0.05	5	<0.5	<0.2
1021782	Soil		58	28	0.67	49	0.046	<1	1.54	0.010	0.21	0.2	<0.01	6.3	0.6	<0.05	8	<0.5	<0.2
1021779	Soil		40	20	0.68	92	0.067	<1	1.26	0.009	0.21	<0.1	<0.01	4.3	0.7	<0.05	6	<0.5	<0.2
1021778	Soil		19	26	0.41	134	0.031	<1	1.28	0.010	0.07	0.2	0.01	4.1	0.1	<0.05	5	<0.5	<0.2
1021774	Soil		19	4	0.12	22	<0.001	<1	0.52	0.004	0.03	0.1	0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1021773	Soil		17	11	0.24	40	0.008	<1	0.97	0.006	0.03	<0.1	0.01	1.3	<0.1	<0.05	3	<0.5	<0.2
1021776	Soil		17	12	0.25	41	0.008	<1	0.99	0.008	0.03	<0.1	0.01	1.4	<0.1	<0.05	3	<0.5	<0.2
1021780	Soil		16	13	0.37	35	0.008	<1	1.18	0.007	0.07	0.2	<0.01	2.8	0.2	<0.05	5	<0.5	<0.2
1022770	Soil		22	41	0.59	145	0.087	<1	1.81	0.017	0.08	0.2	0.03	5.0	0.1	<0.05	5	<0.5	<0.2
1021772	Soil		28	23	0.40	70	0.016	<1	1.38	0.007	0.05	0.3	0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1029578	Soil		13	20	2.42	840	0.229	<1	3.80	0.012	1.34	<0.1	0.01	15.3	0.4	<0.05	12	<0.5	<0.2
1021771	Soil		23	15	0.30	77	0.006	<1	1.36	0.009	0.05	0.2	0.01	3.0	0.1	<0.05	4	<0.5	<0.2
1029551	Soil		4	20	1.28	98	0.081	1	2.48	0.027	0.05	<0.1	0.02	6.4	<0.1	<0.05	7	<0.5	<0.2
1029568	Soil		16	37	0.60	325	0.071	<1	1.82	0.011	0.08	0.2	0.05	5.9	0.1	<0.05	5	<0.5	<0.2
1021775	Soil		29	21	0.39	68	0.012	<1	1.25	0.008	0.05	0.3	0.02	2.2	<0.1	<0.05	5	0.6	<0.2
1029571	Soil		11	24	1.43	569	0.217	<1	3.50	0.020	0.51	<0.1	0.03	5.8	0.1	<0.05	10	0.6	<0.2
1029574	Soil		31	23	0.41	68	0.015	<1	1.39	0.008	0.06	0.2	0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1029570	Soil		12	23	1.34	498	0.218	<1	3.41	0.020	0.45	0.1	0.01	5.9	0.1	<0.05	9	<0.5	<0.2
1029583	Soil		18	36	1.05	230	0.174	1	2.29	0.013	0.35	0.1	0.01	4.5	0.1	<0.05	7	<0.5	<0.2
1029553	Soil		11	29	1.74	275	0.159	<1	2.85	0.014	0.19	<0.1	0.02	7.4	<0.1	<0.05	9	<0.5	<0.2
1029567	Soil		9	46	0.80	217	0.069	<1	2.75	0.011	0.04	0.2	0.02	5.3	0.1	<0.05	7	<0.5	<0.2
1021664	Soil		18	97	2.09	324	0.132	1	3.10	0.010	0.07	0.3	0.02	9.8	0.1	<0.05	10	<0.5	<0.2
1029557	Soil		15	40	1.03	349	0.122	1	2.15	0.017	0.21	0.1	0.03	5.0	0.1	<0.05	6	<0.5	<0.2
1029556	Soil		21	27	1.05	384	0.108	<1	2.41	0.020	0.42	0.2	0.04	7.6	<0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029582	Soil		0.6	23.3	7.7	41	<0.1	16.6	8.5	296	2.34	4.9	1.0	1.4	3.7	48	<0.1	0.4	0.1	49	0.68	0.032
1029569	Soil		0.8	36.3	7.9	61	<0.1	23.5	13.0	394	2.95	7.3	0.7	2.4	4.4	22	<0.1	0.4	0.1	75	0.26	0.032
1029579	Soil		4.1	69.2	7.1	75	<0.1	8.4	7.0	380	5.42	2.6	1.0	1.7	2.2	23	<0.1	0.2	<0.1	54	0.18	0.053
1029584	Soil		0.5	66.8	4.7	44	<0.1	12.9	14.3	438	3.34	3.9	0.7	0.7	2.6	55	<0.1	0.2	<0.1	82	0.45	0.047
1029576	Soil		0.3	27.0	6.7	77	<0.1	12.1	17.1	443	3.69	1.6	0.7	1.5	5.6	32	<0.1	<0.1	<0.1	98	0.55	0.050
1021667	Soil		0.7	28.0	12.7	145	<0.1	19.3	23.6	917	5.65	2.5	0.7	2.7	6.9	39	<0.1	0.2	<0.1	96	0.57	0.084
1009935	Soil		1.5	45.9	23.1	89	0.1	57.9	19.8	1086	4.95	8.5	1.4	4.0	9.1	28	<0.1	0.5	0.2	88	0.65	0.051
1021663	Soil		0.7	35.8	6.4	115	<0.1	20.2	18.6	508	4.02	3.8	1.2	2.3	13.5	41	<0.1	0.2	<0.1	83	0.60	0.061
1029552	Soil		1.3	30.6	12.2	53	<0.1	26.9	11.5	403	2.94	10.9	1.3	6.7	6.0	20	<0.1	0.7	0.2	65	0.21	0.020
1021658	Soil		1.4	37.2	9.2	87	<0.1	14.1	13.3	504	4.88	2.2	2.5	5.4	7.0	22	<0.1	0.2	0.2	75	0.44	0.091
1021656	Soil		1.1	69.4	24.6	69	0.1	22.3	16.5	543	4.09	5.0	0.6	4.2	3.2	21	<0.1	0.3	<0.1	109	0.45	0.049
1021660	Soil		1.1	23.9	13.1	94	<0.1	22.8	16.1	667	3.80	5.3	0.7	1.9	5.8	23	<0.1	0.3	0.2	85	0.44	0.084
1029555	Soil		1.1	25.5	13.2	51	<0.1	26.1	11.3	288	2.94	9.8	0.7	2.9	4.6	17	<0.1	0.6	0.2	72	0.15	0.015
1021659	Soil		0.8	46.6	6.7	61	<0.1	26.0	15.2	508	3.91	3.6	1.2	3.1	8.9	28	<0.1	0.3	<0.1	71	0.54	0.060
1021668	Soil		1.5	24.3	20.3	51	0.1	29.8	13.1	382	3.24	9.9	0.6	4.6	5.8	24	<0.1	0.6	0.2	71	0.39	0.028
1021652	Soil		1.4	84.9	8.2	106	<0.1	25.8	23.4	588	6.31	23.3	1.5	1.8	4.6	31	<0.1	0.2	<0.1	184	0.78	0.127
1009923	Soil		0.8	18.0	9.0	62	<0.1	21.1	14.6	480	3.07	5.7	0.4	35.8	6.5	22	<0.1	0.4	<0.1	72	0.32	0.054
1009934	Soil		1.0	166.2	4.5	87	<0.1	23.0	26.7	1294	7.03	6.6	1.1	2.0	6.0	19	<0.1	0.3	0.1	129	0.64	0.157
1009937	Soil		0.7	11.5	9.7	72	<0.1	17.1	15.3	807	4.29	4.6	0.9	0.7	14.5	24	<0.1	0.3	<0.1	73	0.52	0.066
1021655	Soil		0.5	107.0	4.1	58	<0.1	17.6	15.7	382	4.03	3.2	0.4	5.7	2.2	16	<0.1	0.3	<0.1	122	0.47	0.031
1021661	Soil		1.0	54.5	67.7	187	<0.1	26.4	15.7	698	3.69	5.0	1.2	2.5	14.1	28	0.2	0.3	0.4	76	0.48	0.048
1021665	Soil		0.3	19.7	6.8	113	<0.1	11.8	16.6	771	4.40	1.7	0.6	2.9	8.0	24	<0.1	0.1	<0.1	70	0.53	0.123
1021666	Soil		0.5	23.1	12.4	112	<0.1	13.2	16.7	777	4.33	1.8	0.6	2.8	8.9	27	<0.1	0.1	<0.1	67	0.57	0.131
1021662	Soil		0.7	35.7	17.6	167	<0.1	24.7	14.6	617	3.90	6.1	1.2	1.0	10.1	26	0.2	0.3	0.1	73	0.41	0.065
1029580	Soil		0.5	72.8	6.9	45	<0.1	23.7	19.1	353	3.77	4.2	0.4	<0.5	1.8	23	<0.1	0.1	<0.1	113	0.43	0.047
1029577	Soil		1.3	80.7	5.8	448	<0.1	18.8	31.3	835	5.73	1.7	0.7	<0.5	1.0	18	0.3	<0.1	0.1	122	0.29	0.020
1029573	Soil		1.0	34.5	13.3	60	<0.1	25.0	13.8	514	3.25	9.0	1.5	2.7	6.0	28	<0.1	0.5	0.2	73	0.33	0.037
1029572	Soil		2.0	284.6	6.7	144	<0.1	13.9	10.8	473	4.97	2.6	1.4	2.6	4.9	69	<0.1	0.1	0.1	125	0.17	0.063
1021654	Soil		0.8	37.6	9.4	86	<0.1	14.2	19.6	637	4.32	3.6	0.7	2.2	2.1	29	<0.1	0.3	<0.1	105	0.71	0.127
1021657	Soil		1.0	87.5	8.7	87	0.1	37.1	21.0	499	4.82	10.0	0.7	4.3	5.0	23	<0.1	0.4	0.1	135	0.53	0.027

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Project: PED
Report Date: July 19, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029582	Soil	15	25	0.59	306	0.075	<1	2.39	0.014	0.07	<0.1	0.04	5.1	<0.1	<0.05	6	<0.5	<0.2
1029569	Soil	13	35	0.76	234	0.124	<1	2.15	0.014	0.11	0.1	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
1029579	Soil	12	19	1.11	384	0.091	<1	2.08	0.015	0.56	<0.1	0.02	6.9	0.2	0.17	7	1.7	<0.2
1029584	Soil	9	33	1.04	206	0.137	<1	2.46	0.037	0.08	<0.1	0.01	6.3	<0.1	<0.05	7	<0.5	<0.2
1029576	Soil	14	24	2.28	666	0.213	<1	3.67	0.026	0.68	<0.1	<0.01	10.0	0.2	<0.05	12	<0.5	<0.2
1021667	Soil	15	40	1.65	377	0.246	2	2.92	0.012	0.64	0.1	0.02	4.1	0.2	<0.05	10	<0.5	<0.2
1009935	Soil	30	49	0.26	294	0.012	3	0.85	0.008	0.11	0.2	0.04	13.1	<0.1	<0.05	2	<0.5	<0.2
1021663	Soil	36	44	1.65	208	0.297	3	2.73	0.014	0.58	<0.1	<0.01	3.8	0.4	<0.05	9	<0.5	<0.2
1029552	Soil	18	42	0.59	395	0.054	2	2.00	0.010	0.04	0.2	0.05	6.0	0.1	<0.05	5	<0.5	<0.2
1021658	Soil	17	16	1.62	299	0.127	2	2.71	0.016	0.68	<0.1	0.01	15.9	0.2	<0.05	13	1.1	0.3
1021656	Soil	8	39	0.99	407	0.215	2	2.15	0.022	0.54	<0.1	0.01	7.0	0.1	<0.05	8	<0.5	<0.2
1021660	Soil	13	38	1.15	317	0.181	2	2.18	0.013	0.56	0.1	0.01	5.2	0.2	<0.05	7	<0.5	<0.2
1029555	Soil	10	43	0.62	186	0.081	1	2.27	0.008	0.04	0.1	0.02	3.3	<0.1	<0.05	6	0.5	<0.2
1021659	Soil	20	55	1.13	201	0.148	<1	2.10	0.015	0.26	<0.1	0.02	4.8	<0.1	<0.05	8	<0.5	<0.2
1021668	Soil	13	48	0.61	239	0.095	2	1.89	0.013	0.18	0.2	0.02	6.1	<0.1	<0.05	5	<0.5	<0.2
1021652	Soil	12	45	2.34	623	0.293	1	3.38	0.016	0.76	<0.1	0.02	16.8	0.4	<0.05	13	<0.5	<0.2
1009923	Soil	9	29	1.03	208	0.189	1	1.93	0.010	0.54	<0.1	0.02	2.4	0.2	<0.05	6	<0.5	<0.2
1009934	Soil	22	30	1.39	410	0.169	2	2.47	0.011	0.79	<0.1	0.05	15.7	0.3	<0.05	9	0.5	<0.2
1009937	Soil	14	19	1.24	213	0.166	2	2.29	0.008	0.28	0.1	0.01	3.8	<0.1	<0.05	10	<0.5	<0.2
1021655	Soil	9	29	1.26	219	0.176	1	2.10	0.039	0.13	<0.1	0.04	10.3	<0.1	<0.05	8	0.6	<0.2
1021661	Soil	23	55	1.51	255	0.195	2	2.52	0.013	0.46	0.2	0.02	4.5	0.3	<0.05	8	<0.5	<0.2
1021665	Soil	14	18	1.16	367	0.248	<1	2.27	0.012	0.93	<0.1	0.02	2.7	0.3	<0.05	8	<0.5	<0.2
1021666	Soil	15	19	1.15	370	0.222	<1	2.24	0.012	0.85	<0.1	0.02	2.6	0.3	<0.05	8	<0.5	<0.2
1021662	Soil	16	36	1.22	277	0.213	1	2.22	0.014	0.70	0.1	0.02	5.4	0.3	<0.05	8	<0.5	<0.2
1029580	Soil	5	59	1.91	243	0.192	1	3.60	0.037	0.18	<0.1	0.02	5.3	<0.1	<0.05	9	<0.5	<0.2
1029577	Soil	6	64	2.08	356	0.132	<1	3.26	0.029	0.69	<0.1	<0.01	9.1	0.3	<0.05	7	1.4	<0.2
1029573	Soil	17	43	0.85	544	0.124	<1	2.09	0.012	0.16	0.2	0.06	6.1	0.1	<0.05	6	<0.5	<0.2
1029572	Soil	16	35	1.58	809	0.245	<1	4.12	0.029	0.90	<0.1	0.02	11.0	0.2	0.49	10	0.9	<0.2
1021654	Soil	7	21	1.10	332	0.192	2	2.31	0.033	0.36	<0.1	0.02	6.9	<0.1	<0.05	9	<0.5	<0.2
1021657	Soil	21	48	1.45	333	0.286	1	2.82	0.024	0.39	0.1	0.03	9.2	0.1	<0.05	10	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021653	Soil	1.3	33.7	29.7	64	<0.1	17.2	20.6	501	4.44	4.0	0.8	1.8	2.0	35	<0.1	0.3	<0.1	133	0.91	0.133
1027504	Soil	1.1	21.3	10.7	59	<0.1	25.3	12.6	301	3.09	10.3	0.7	1.9	3.8	17	0.1	0.6	1.1	75	0.17	0.022
1009908	Soil	0.8	30.5	11.9	66	<0.1	27.6	14.1	361	2.98	8.4	1.4	1.3	10.1	16	0.1	0.5	0.2	60	0.19	0.034
1009906	Soil	0.6	57.6	5.9	55	<0.1	20.7	15.0	370	3.08	5.5	0.5	3.2	3.2	22	<0.1	0.3	<0.1	79	0.29	0.056
1009912	Soil	1.0	84.3	8.1	99	<0.1	35.4	21.5	491	4.47	4.3	1.0	1.2	4.3	17	<0.1	0.3	0.1	111	0.21	0.040
1009913	Soil	0.8	27.1	7.6	70	<0.1	25.9	15.9	520	3.49	8.0	0.3	0.9	2.1	16	<0.1	0.4	0.1	90	0.25	0.062
1009905	Soil	1.0	145.9	4.6	44	<0.1	24.8	20.5	372	3.07	2.0	0.4	<0.5	2.4	24	<0.1	0.1	<0.1	85	0.48	0.081
1009904	Soil	0.6	10.2	4.2	62	<0.1	7.7	8.2	622	3.95	3.5	0.6	<0.5	2.8	10	<0.1	0.2	<0.1	26	0.24	0.075
1009909	Soil	1.0	69.4	9.9	68	<0.1	28.7	21.1	509	5.25	2.2	2.3	<0.5	22.7	22	<0.1	0.2	<0.1	116	0.25	0.126
1009910	Soil	1.0	55.3	9.0	66	<0.1	27.6	20.5	481	5.14	3.4	2.0	0.8	21.6	20	<0.1	0.2	<0.1	112	0.16	0.089
1009911	Soil	1.1	21.5	12.5	71	<0.1	23.0	10.1	562	2.80	8.2	0.7	1.6	6.2	16	<0.1	0.6	0.2	56	0.16	0.044
1009902	Soil	0.7	14.9	3.6	48	<0.1	7.8	10.5	270	2.58	2.8	0.3	<0.5	1.7	10	<0.1	0.2	<0.1	28	0.29	0.108
1009903	Soil	0.5	14.8	6.1	61	<0.1	9.7	8.5	400	2.96	2.6	0.4	<0.5	2.1	9	<0.1	0.2	<0.1	33	0.34	0.087
1022502	Soil	0.2	11.8	4.7	80	<0.1	3.4	9.8	683	3.53	<0.5	1.7	<0.5	18.3	19	<0.1	<0.1	<0.1	36	0.30	0.060
1022763	Soil	0.2	55.7	3.5	52	<0.1	25.4	16.6	436	3.87	1.8	0.7	<0.5	17.2	22	<0.1	0.1	<0.1	95	0.43	0.077
1009907	Soil	0.8	28.1	15.2	95	0.2	22.3	10.3	349	2.75	8.2	0.7	1.6	5.5	15	0.1	0.5	0.2	59	0.15	0.022
1009901	Soil	0.5	6.9	3.0	60	<0.1	4.2	8.5	253	2.66	0.9	0.6	1.1	2.3	6	<0.1	0.1	<0.1	13	0.29	0.087
1022501	Soil	1.0	176.6	8.5	51	0.2	44.0	20.6	349	2.93	8.0	0.7	3.3	2.9	20	0.1	0.4	0.1	72	0.31	0.046
1022540	Soil	0.4	57.1	6.3	81	<0.1	18.3	16.6	642	5.66	2.6	0.6	0.7	1.7	101	<0.1	0.2	0.4	155	0.50	0.120
1022544	Soil	1.1	6.7	9.4	61	<0.1	4.5	6.7	545	2.18	1.1	2.0	<0.5	7.5	12	0.2	0.2	<0.1	28	0.33	0.050
1022751	Soil	0.9	24.1	9.9	62	<0.1	20.9	12.3	436	3.17	7.1	0.7	3.0	3.8	22	0.1	0.5	0.2	68	0.26	0.040
1022512	Soil	0.6	328.3	7.3	38	<0.1	77.2	24.6	248	2.24	6.6	0.4	2.7	2.1	17	<0.1	0.3	<0.1	55	0.28	0.026
1022505	Soil	0.2	6.9	4.9	80	<0.1	6.1	9.6	533	2.82	0.9	0.8	<0.5	10.3	26	<0.1	0.1	<0.1	27	0.38	0.081
1022513	Soil	1.0	21.7	9.4	48	<0.1	21.4	11.3	318	2.84	8.3	0.8	2.4	4.5	20	<0.1	0.4	0.2	63	0.21	0.029
1022510	Soil	0.3	30.4	11.6	108	<0.1	10.5	12.3	584	3.91	2.2	2.4	<0.5	22.4	26	0.2	0.2	<0.1	70	0.43	0.090
1022509	Soil	0.2	62.9	4.9	67	<0.1	16.3	20.7	688	3.87	0.8	1.3	0.8	4.6	33	<0.1	0.2	<0.1	93	0.80	0.166
1022514	Soil	0.9	20.0	7.6	48	<0.1	16.5	8.4	269	2.75	6.4	0.5	4.9	3.3	16	<0.1	0.4	0.1	69	0.18	0.039
1022504	Soil	0.3	12.6	20.4	89	<0.1	5.0	10.5	419	3.28	0.7	1.7	0.8	18.3	21	0.1	<0.1	<0.1	35	0.32	0.060
1022507	Soil	0.2	12.5	4.2	78	<0.1	6.0	9.5	652	3.35	<0.5	1.4	0.6	13.8	27	<0.1	<0.1	<0.1	49	0.27	0.068
1022511	Soil	1.0	35.5	8.7	91	<0.1	16.5	15.0	563	3.80	3.4	1.1	0.6	9.1	32	<0.1	0.3	<0.1	71	0.47	0.078

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021653	Soil	9	30	0.85	191	0.127	<1	2.07	0.073	0.11	<0.1	0.01	11.8	<0.1	<0.05	8	<0.5	<0.2
1027504	Soil	9	40	0.60	221	0.079	2	2.44	0.011	0.06	0.9	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1009908	Soil	27	38	0.68	198	0.110	1	1.93	0.011	0.16	0.1	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
1009906	Soil	8	29	1.00	291	0.202	1	2.48	0.014	0.31	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1009912	Soil	14	56	1.51	287	0.278	1	2.98	0.014	0.61	<0.1	0.01	3.7	0.5	<0.05	7	<0.5	<0.2
1009913	Soil	6	37	1.20	270	0.203	1	2.54	0.012	0.32	0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1009905	Soil	3	39	1.50	364	0.260	1	2.62	0.024	0.51	<0.1	<0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1009904	Soil	6	10	0.49	190	0.146	<1	2.22	0.015	0.25	<0.1	0.02	6.6	<0.1	<0.05	10	<0.5	<0.2
1009909	Soil	38	104	1.53	610	0.266	<1	3.07	0.025	1.27	<0.1	0.01	8.2	0.5	0.20	11	<0.5	<0.2
1009910	Soil	37	97	1.45	537	0.260	<1	3.09	0.018	1.11	<0.1	<0.01	7.7	0.4	0.11	11	1.0	<0.2
1009911	Soil	14	34	0.51	267	0.066	2	1.79	0.008	0.12	0.1	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
1009902	Soil	4	10	0.57	190	0.130	2	1.69	0.016	0.39	<0.1	<0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1009903	Soil	4	11	0.42	172	0.152	2	1.88	0.020	0.24	<0.1	<0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1022502	Soil	29	7	0.72	146	0.135	1	1.51	0.006	0.45	<0.1	<0.01	2.8	0.2	<0.05	8	<0.5	<0.2
1022763	Soil	37	59	1.33	282	0.239	2	2.26	0.015	0.42	<0.1	<0.01	5.2	0.2	<0.05	10	<0.5	<0.2
1009907	Soil	11	38	0.65	188	0.113	2	1.82	0.008	0.14	0.1	0.01	3.3	0.1	<0.05	5	<0.5	<0.2
1009901	Soil	6	5	0.38	203	0.149	<1	1.51	0.019	0.46	<0.1	<0.01	5.2	<0.1	<0.05	6	<0.5	<0.2
1022501	Soil	10	55	0.89	314	0.097	2	1.82	0.014	0.07	0.1	0.02	4.9	0.1	<0.05	5	<0.5	<0.2
1022540	Soil	11	37	1.36	307	0.128	<1	2.83	0.017	0.22	0.5	0.01	9.0	0.2	<0.05	9	<0.5	<0.2
1022544	Soil	19	4	0.25	180	0.005	<1	1.02	0.003	0.08	0.1	<0.01	5.4	<0.1	<0.05	4	<0.5	<0.2
1022751	Soil	14	37	0.64	200	0.075	2	2.05	0.009	0.06	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1022512	Soil	8	46	0.65	240	0.084	<1	1.29	0.012	0.03	<0.1	<0.01	4.1	<0.1	<0.05	4	<0.5	<0.2
1022505	Soil	26	11	0.75	137	0.023	<1	1.41	0.005	0.12	<0.1	<0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1022513	Soil	13	35	0.59	219	0.077	<1	1.88	0.010	0.04	0.1	0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1022510	Soil	45	25	0.91	227	0.137	<1	2.00	0.012	0.58	<0.1	<0.01	4.6	0.2	<0.05	8	<0.5	<0.2
1022509	Soil	14	29	1.54	270	0.141	<1	2.15	0.016	0.72	<0.1	<0.01	4.6	0.3	<0.05	6	<0.5	<0.2
1022514	Soil	9	30	0.58	132	0.113	2	1.82	0.008	0.05	0.1	0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1022504	Soil	34	11	0.68	111	0.138	<1	1.53	0.007	0.37	<0.1	<0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1022507	Soil	28	12	0.81	223	0.228	<1	1.82	0.008	1.08	0.2	<0.01	3.3	0.6	<0.05	8	<0.5	<0.2
1022511	Soil	27	38	1.07	136	0.115	<1	2.11	0.009	0.07	<0.1	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022515	Soil		1.2	25.7	10.4	50	<0.1	20.3	10.3	318	2.97	7.3	0.7	2.2	3.9	24	<0.1	0.4	0.2	73	0.24	0.034
1022506	Soil		1.0	36.3	12.3	62	<0.1	25.0	15.7	500	3.45	6.2	1.4	2.9	9.2	21	<0.1	0.5	0.1	78	0.25	0.041
1022503	Soil		0.2	12.2	5.1	80	<0.1	3.6	9.8	693	3.54	0.7	1.9	1.7	19.5	21	0.1	<0.1	<0.1	39	0.34	0.060
1022508	Soil		0.4	8.9	345.9	557	<0.1	6.8	18.6	1197	2.97	0.5	0.4	<0.5	4.0	17	1.2	<0.1	0.3	63	0.37	0.096
1009007	Soil		1.0	24.9	19.9	55	<0.1	26.1	7.8	602	2.45	6.4	3.5	5.2	40.5	25	<0.1	0.4	0.4	53	0.28	0.032
1009011	Soil		1.1	24.6	63.6	88	<0.1	26.1	10.2	696	2.80	8.9	2.8	1.1	52.0	14	0.1	0.6	0.6	62	0.18	0.036
1022550	Soil		0.9	49.6	8.6	52	<0.1	30.0	10.6	266	2.95	7.7	1.4	1.0	7.8	51	<0.1	0.5	0.1	82	0.34	0.014
1022549	Soil		1.1	93.5	16.2	88	<0.1	22.9	14.2	682	4.11	3.8	0.7	1.4	6.5	42	0.1	0.2	<0.1	88	0.22	0.054
1022542	Soil		0.4	32.0	6.3	91	<0.1	26.5	16.2	677	4.14	3.3	0.5	1.1	2.9	33	<0.1	0.1	0.1	117	0.38	0.071
1022547	Soil		1.9	106.8	13.6	63	0.1	56.0	21.0	364	4.47	8.4	1.4	<0.5	2.4	20	0.2	0.2	0.2	149	0.36	0.056
1022548	Soil		3.0	140.8	6.5	69	<0.1	19.5	14.3	424	3.40	3.8	0.7	<0.5	7.3	32	<0.1	0.2	0.1	75	0.26	0.042
1022543	Soil		1.4	12.7	12.9	75	<0.1	13.1	10.9	583	3.52	5.4	0.7	<0.5	3.3	16	0.1	0.3	0.4	68	0.18	0.040
1022539	Soil		0.9	14.6	15.2	69	<0.1	9.2	7.8	450	2.97	2.8	0.8	0.6	7.2	17	<0.1	0.2	0.6	51	0.18	0.035
1022546	Soil		1.3	61.3	4.6	63	<0.1	59.4	16.5	339	3.94	5.2	2.1	<0.5	6.2	30	0.1	0.3	<0.1	218	1.41	0.543
1022541	Soil		0.2	123.0	3.6	41	<0.1	6.8	17.2	331	3.18	1.6	0.2	<0.5	0.3	90	<0.1	0.4	<0.1	100	0.59	0.062
1022545	Soil		1.2	5.8	8.2	64	<0.1	4.3	7.0	582	2.25	0.6	1.9	<0.5	6.7	11	<0.1	0.1	<0.1	33	0.34	0.050
1009008	Soil		1.1	11.4	40.7	66	<0.1	17.5	8.0	626	2.42	5.1	3.4	2.3	44.5	12	<0.1	0.4	0.5	52	0.16	0.035
1009009	Soil		0.7	9.6	36.7	53	<0.1	13.7	7.6	582	2.16	4.3	2.3	0.5	43.7	13	<0.1	0.3	0.4	39	0.15	0.033
1009012	Soil		1.0	12.5	27.8	56	<0.1	18.5	9.3	634	2.53	5.9	1.3	1.3	24.0	18	<0.1	0.4	0.4	57	0.24	0.020
1009010	Soil		1.1	17.1	18.3	44	<0.1	20.8	7.8	389	2.32	6.2	1.5	0.7	22.6	16	<0.1	0.4	0.4	53	0.17	0.023

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178A.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022515	Soil	12	39	0.51	204	0.094	<1	2.15	0.010	0.04	0.1	0.03	3.8	<0.1	<0.05	7	<0.5	<0.2
1022506	Soil	23	52	1.01	183	0.127	<1	2.33	0.011	0.16	0.1	0.03	5.9	0.2	<0.05	7	<0.5	<0.2
1022503	Soil	30	8	0.73	146	0.160	<1	1.59	0.007	0.46	<0.1	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1022508	Soil	11	13	1.35	219	0.200	<1	1.94	0.013	1.09	<0.1	<0.01	1.4	0.4	<0.05	5	<0.5	<0.2
1009007	Soil	29	36	0.59	158	0.074	<1	1.42	0.017	0.09	0.1	0.03	7.0	0.3	<0.05	5	<0.5	<0.2
1009011	Soil	34	40	0.63	93	0.099	<1	1.78	0.012	0.16	0.3	<0.01	7.5	0.3	<0.05	6	<0.5	<0.2
1022550	Soil	17	40	0.85	170	0.109	<1	2.75	0.020	0.06	0.1	<0.01	7.3	0.1	<0.05	7	<0.5	<0.2
1022549	Soil	11	32	1.15	288	0.246	<1	2.85	0.012	0.58	<0.1	<0.01	7.4	0.2	<0.05	13	<0.5	<0.2
1022542	Soil	15	65	1.77	382	0.267	<1	2.76	0.014	0.67	0.2	<0.01	5.3	0.9	<0.05	9	<0.5	<0.2
1022547	Soil	8	46	0.68	260	0.117	<1	1.93	0.021	0.05	1.9	<0.01	7.3	<0.1	<0.05	7	1.1	<0.2
1022548	Soil	9	27	0.95	188	0.127	<1	2.39	0.011	0.28	<0.1	<0.01	4.9	0.1	<0.05	9	<0.5	<0.2
1022543	Soil	7	23	0.58	167	0.049	<1	2.16	0.007	0.10	0.3	0.01	4.1	0.1	<0.05	8	<0.5	<0.2
1022539	Soil	13	22	0.75	163	0.062	<1	2.10	0.009	0.34	0.3	<0.01	3.4	0.2	<0.05	8	<0.5	<0.2
1022546	Soil	16	151	1.32	365	0.108	<1	2.51	0.011	0.17	0.3	<0.01	9.7	0.1	<0.05	11	<0.5	<0.2
1022541	Soil	<1	9	1.04	142	0.150	<1	1.99	0.057	0.08	0.2	<0.01	7.1	<0.1	<0.05	5	<0.5	<0.2
1022545	Soil	18	5	0.26	179	0.007	<1	0.99	0.003	0.08	0.1	<0.01	5.2	<0.1	<0.05	5	<0.5	<0.2
1009008	Soil	26	33	0.54	93	0.054	<1	1.66	0.008	0.10	0.2	0.01	4.7	0.4	<0.05	6	<0.5	<0.2
1009009	Soil	30	22	0.49	96	0.032	<1	1.32	0.007	0.07	0.2	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1009012	Soil	17	31	0.53	131	0.060	<1	1.57	0.008	0.11	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1009010	Soil	21	35	0.49	118	0.061	<1	1.39	0.009	0.07	0.1	0.02	4.4	0.2	<0.05	5	<0.5	<0.2

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Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178A.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1030584	Soil	1.2	13.2	7.7	46	<0.1	15.0	8.7	284	3.34	9.6	0.4	<0.5	1.9	14	0.1	0.6	0.1	85	0.13	0.030
REP 1030584	QC	1.3	13.1	7.8	47	<0.1	15.0	7.9	298	3.28	9.4	0.4	<0.5	2.0	15	<0.1	0.6	0.2	89	0.13	0.030
1029605	Soil	0.9	20.6	8.2	36	0.1	10.3	4.5	178	2.06	5.1	0.5	1.3	0.3	20	0.2	0.4	0.2	63	0.20	0.042
REP 1029605	QC	1.0	18.4	7.4	33	0.1	9.8	4.1	165	1.93	5.0	0.5	1.2	0.3	19	0.2	0.4	0.2	57	0.20	0.039
1029602	Soil	1.0	27.1	6.5	77	0.2	11.3	6.9	449	2.35	3.5	0.5	1.9	0.2	17	0.5	0.3	0.1	58	0.23	0.082
REP 1029602	QC	0.9	28.0	6.6	82	0.2	11.1	6.8	445	2.35	3.4	0.6	1.4	0.2	17	0.5	0.3	0.2	58	0.23	0.084
1029618	Soil	1.1	21.8	13.6	48	<0.1	20.5	10.2	290	2.88	9.5	0.7	1.7	2.2	17	0.1	0.5	0.2	65	0.18	0.040
REP 1029618	QC	1.0	21.4	12.6	48	<0.1	19.9	10.7	297	2.88	9.4	0.7	3.5	2.2	18	0.1	0.6	0.2	66	0.19	0.044
1009804	Soil	1.0	48.0	8.7	65	<0.1	41.8	13.4	367	3.15	10.7	1.5	2.8	8.4	28	0.1	0.6	0.1	76	0.31	0.020
REP 1009804	QC	1.0	47.7	9.2	67	<0.1	40.2	13.5	365	3.12	10.5	1.5	4.9	8.4	27	<0.1	0.7	0.2	76	0.31	0.022
1009857	Soil	0.9	20.3	8.2	47	<0.1	21.1	9.6	225	2.64	7.5	0.5	4.8	1.9	25	0.1	0.4	0.1	70	0.28	0.051
REP 1009857	QC	0.8	20.0	7.2	47	<0.1	20.0	9.0	219	2.58	7.0	0.5	1.6	1.9	25	<0.1	0.4	0.1	68	0.28	0.049
1030638	Soil	1.0	19.4	5.9	50	<0.1	21.1	13.1	421	2.74	4.5	0.6	2.3	3.0	24	0.1	0.3	0.1	67	0.31	0.050
REP 1030638	QC	1.1	18.7	6.2	49	<0.1	20.4	12.8	415	2.71	4.6	0.6	1.3	3.0	23	0.1	0.3	0.1	67	0.31	0.051
1022829	Soil	0.5	83.4	2.7	108	<0.1	14.1	22.8	503	5.85	1.2	0.5	<0.5	2.7	18	<0.1	<0.1	<0.1	250	0.55	0.112
REP 1022829	QC	0.5	86.8	2.8	114	<0.1	14.6	23.9	516	6.01	1.4	0.5	1.9	2.7	19	<0.1	<0.1	<0.1	259	0.56	0.108
1027540	Soil	0.9	45.2	10.2	51	<0.1	19.4	12.1	386	2.86	6.2	0.8	1.9	2.7	28	0.1	0.3	<0.1	72	0.53	0.054
REP 1027540	QC	0.9	44.1	9.9	52	0.1	18.9	12.2	385	2.87	6.2	0.8	2.0	2.7	29	<0.1	0.3	<0.1	72	0.53	0.057
1009924	Soil	0.7	23.7	10.6	81	<0.1	51.7	21.2	880	4.37	3.1	0.7	1.1	6.4	31	<0.1	0.3	<0.1	80	0.55	0.059
REP 1009924	QC	0.7	22.3	10.0	80	<0.1	50.6	20.1	830	4.22	3.7	0.8	0.8	6.1	33	<0.1	0.3	<0.1	84	0.54	0.057
1030569	Soil	0.5	66.2	6.4	75	<0.1	22.5	18.0	550	4.04	3.2	0.8	2.8	2.4	35	<0.1	0.3	0.2	105	0.60	0.138
REP 1030569	QC	0.5	66.8	6.2	75	<0.1	22.6	18.0	572	4.29	4.1	0.8	0.9	2.5	34	<0.1	0.3	0.1	117	0.59	0.138
1021779	Soil	0.6	6.0	44.2	66	<0.1	11.0	6.6	1031	2.26	1.6	4.1	<0.5	63.9	12	<0.1	0.2	0.4	39	0.28	0.072
REP 1021779	QC	0.6	5.5	42.5	62	<0.1	10.6	6.3	989	2.29	1.5	4.1	<0.5	63.7	12	0.1	0.1	0.4	40	0.29	0.073
1029551	Soil	0.5	26.6	4.1	65	<0.1	16.5	16.6	461	3.84	7.2	0.3	<0.5	1.7	11	<0.1	0.3	<0.1	95	0.37	0.053
REP 1029551	QC	0.5	27.0	4.5	68	<0.1	16.8	16.7	475	3.91	7.3	0.3	1.9	1.7	11	<0.1	0.3	<0.1	95	0.37	0.056
1021668	Soil	1.5	24.3	20.3	51	0.1	29.8	13.1	382	3.24	9.9	0.6	4.6	5.8	24	<0.1	0.6	0.2	71	0.39	0.028
REP 1021668	QC	1.5	24.4	22.3	51	0.1	30.0	13.1	383	3.22	10.1	0.6	2.3	5.8	24	<0.1	0.6	0.2	70	0.38	0.028

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178A.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1030584	Soil	6	36	0.64	100	0.109	<1	1.75	0.009	0.05	0.1	0.02	2.0	<0.1	<0.05	7	<0.5	<0.2
REP 1030584	QC	7	36	0.63	103	0.116	<1	1.78	0.011	0.05	0.1	0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1029605	Soil	7	20	0.35	170	0.043	<1	1.18	0.011	0.05	0.1	0.04	1.4	<0.1	<0.05	6	<0.5	<0.2
REP 1029605	QC	7	19	0.31	153	0.046	<1	1.06	0.012	0.05	0.1	0.04	1.3	<0.1	0.06	6	<0.5	<0.2
1029602	Soil	8	20	0.50	142	0.047	2	1.15	0.014	0.09	<0.1	0.08	1.4	<0.1	0.11	5	0.5	<0.2
REP 1029602	QC	8	20	0.50	139	0.049	1	1.16	0.015	0.10	<0.1	0.08	1.4	<0.1	0.12	6	<0.5	<0.2
1029618	Soil	10	32	0.58	267	0.051	<1	1.92	0.010	0.05	0.2	0.03	2.8	0.1	<0.05	6	0.8	<0.2
REP 1029618	QC	10	32	0.58	262	0.059	2	1.99	0.012	0.06	0.2	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1009804	Soil	28	47	0.83	273	0.123	2	2.33	0.016	0.07	0.1	0.03	8.2	0.1	<0.05	6	0.6	<0.2
REP 1009804	QC	29	47	0.83	276	0.123	2	2.26	0.020	0.08	0.1	0.04	7.9	<0.1	<0.05	6	<0.5	<0.2
1009857	Soil	12	35	0.63	188	0.103	2	1.94	0.012	0.08	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
REP 1009857	QC	11	35	0.62	181	0.096	1	1.89	0.012	0.07	0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1030638	Soil	12	30	0.91	173	0.152	2	1.83	0.013	0.24	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
REP 1030638	QC	12	30	0.93	172	0.153	2	1.85	0.014	0.24	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1022829	Soil	7	40	3.01	809	0.287	<1	3.55	0.024	1.34	<0.1	<0.01	16.4	0.4	<0.05	12	<0.5	<0.2
REP 1022829	QC	8	41	3.06	825	0.306	1	3.60	0.020	1.37	<0.1	0.01	17.1	0.4	<0.05	12	<0.5	<0.2
1027540	Soil	11	32	1.02	267	0.105	2	1.61	0.025	0.23	<0.1	0.04	5.9	<0.1	<0.05	5	<0.5	<0.2
REP 1027540	QC	11	32	0.99	264	0.106	1	1.59	0.026	0.22	0.1	0.03	5.7	<0.1	<0.05	5	<0.5	<0.2
1009924	Soil	15	93	1.57	259	0.141	1	2.66	0.011	0.30	<0.1	<0.01	5.5	0.1	<0.05	9	0.5	<0.2
REP 1009924	QC	15	84	1.57	263	0.138	1	2.61	0.011	0.27	<0.1	0.01	5.0	<0.1	<0.05	9	<0.5	<0.2
1030569	Soil	12	28	1.43	494	0.218	1	2.83	0.025	0.47	0.2	0.02	6.3	0.2	<0.05	9	<0.5	<0.2
REP 1030569	QC	12	31	1.47	479	0.222	1	2.86	0.024	0.44	0.1	0.03	6.0	0.2	<0.05	8	<0.5	<0.2
1021779	Soil	40	20	0.68	92	0.067	<1	1.26	0.009	0.21	<0.1	<0.01	4.3	0.7	<0.05	6	<0.5	<0.2
REP 1021779	QC	40	20	0.65	88	0.065	<1	1.22	0.009	0.21	0.1	<0.01	4.2	0.7	<0.05	6	<0.5	<0.2
1029551	Soil	4	20	1.28	98	0.081	1	2.48	0.027	0.05	<0.1	0.02	6.4	<0.1	<0.05	7	<0.5	<0.2
REP 1029551	QC	4	20	1.31	102	0.084	<1	2.53	0.029	0.05	<0.1	0.02	6.6	<0.1	<0.05	7	<0.5	<0.2
1021668	Soil	13	48	0.61	239	0.095	2	1.89	0.013	0.18	0.2	0.02	6.1	<0.1	<0.05	5	<0.5	<0.2
REP 1021668	QC	13	50	0.60	235	0.099	2	1.87	0.013	0.18	0.2	0.02	6.1	<0.1	<0.05	5	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178A.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1009913	Soil	0.8	27.1	7.6	70	<0.1	25.9	15.9	520	3.49	8.0	0.3	0.9	2.1	16	<0.1	0.4	0.1	90	0.25	0.062
REP 1009913	QC	0.7	26.7	7.4	67	<0.1	25.8	16.0	510	3.52	7.8	0.3	<0.5	2.0	16	<0.1	0.4	0.1	88	0.24	0.061
1009907	Soil	0.8	28.1	15.2	95	0.2	22.3	10.3	349	2.75	8.2	0.7	1.6	5.5	15	0.1	0.5	0.2	59	0.15	0.022
REP 1009907	QC	0.8	28.6	15.0	95	0.2	22.9	10.4	352	2.75	8.5	0.8	1.5	5.6	15	0.1	0.6	0.2	60	0.15	0.023
1022506	Soil	1.0	36.3	12.3	62	<0.1	25.0	15.7	500	3.45	6.2	1.4	2.9	9.2	21	<0.1	0.5	0.1	78	0.25	0.041
REP 1022506	QC	0.9	36.9	11.9	63	<0.1	24.9	15.8	499	3.43	6.2	1.4	2.1	9.0	21	<0.1	0.4	0.1	77	0.25	0.041
1009012	Soil	1.0	12.5	27.8	56	<0.1	18.5	9.3	634	2.53	5.9	1.3	1.3	24.0	18	<0.1	0.4	0.4	57	0.24	0.020
REP 1009012	QC	0.9	12.9	26.4	58	<0.1	18.6	9.6	654	2.58	5.7	1.3	0.8	22.9	17	<0.1	0.4	0.4	59	0.24	0.021
Reference Materials																					
STD DS8	Standard	12.1	95.3	115.4	286	1.6	34.7	7.1	575	2.27	24.7	2.8	99.9	6.6	67	2.0	5.7	6.3	40	0.66	0.076
STD DS8	Standard	12.4	103.1	122.2	309	1.7	37.3	7.1	592	2.39	25.4	2.8	109.9	7.1	70	2.1	5.9	6.5	41	0.69	0.077
STD DS8	Standard	12.7	107.3	120.9	299	1.7	35.9	6.9	590	2.43	25.5	2.8	108.6	6.7	71	2.2	6.2	6.7	43	0.68	0.073
STD DS8	Standard	13.1	104.0	121.1	298	1.6	38.0	7.1	635	2.49	26.3	2.7	100.4	6.8	73	2.1	5.8	6.3	43	0.68	0.076
STD DS8	Standard	14.9	120.3	124.4	320	1.8	41.6	8.3	638	2.52	26.7	3.0	114.9	7.1	74	2.4	5.8	6.7	45	0.75	0.083
STD DS8	Standard	15.0	124.4	122.6	325	1.8	43.5	8.5	655	2.60	27.2	2.8	107.7	6.8	72	2.2	5.8	6.6	47	0.75	0.085
STD DS8	Standard	13.6	116.2	120.3	305	1.8	39.6	8.0	602	2.39	25.4	2.7	102.1	6.7	66	2.0	5.5	6.4	43	0.68	0.079
STD DS8	Standard	14.7	119.4	119.9	318	1.8	40.4	8.4	633	2.49	27.6	2.7	102.5	6.8	72	2.2	5.7	6.5	46	0.74	0.081
STD DS8	Standard	13.7	123.0	138.4	327	1.8	42.8	8.3	638	2.56	26.0	3.0	115.8	7.1	63	2.5	6.0	7.0	45	0.69	0.075
STD DS8	Standard	13.9	120.7	133.2	323	1.8	41.3	8.1	618	2.49	26.6	3.0	123.7	7.4	63	2.3	5.7	7.1	45	0.67	0.077
STD DS8	Standard	12.9	114.6	112.4	333	1.8	40.8	8.0	639	2.62	28.3	2.6	100.4	6.2	60	2.4	5.5	6.6	48	0.70	0.082
STD DS8	Standard	13.3	116.7	120.2	340	1.9	40.6	8.1	683	2.73	28.7	2.6	112.4	6.3	63	2.6	5.7	6.7	45	0.77	0.091
STD DS8	Standard	13.6	111.2	123.6	314	1.8	37.1	7.6	606	2.39	25.1	2.9	126.9	6.9	66	2.3	5.6	6.6	41	0.68	0.078
STD DS8	Standard	12.9	108.7	122.0	310	1.7	38.1	7.6	598	2.41	24.9	2.8	106.2	6.9	63	2.4	5.4	6.7	41	0.64	0.076
STD DS8	Standard	13.4	112.9	123.7	314	1.8	38.6	7.6	607	2.42	25.2	2.9	107.7	7.2	63	2.2	5.7	6.6	42	0.69	0.076
STD DS8	Standard	13.7	113.0	125.1	314	1.8	38.4	7.6	608	2.42	25.2	2.9	108.6	7.4	65	2.3	5.6	6.6	43	0.70	0.075
STD DS8	Standard	12.2	108.7	122.5	300	1.6	36.2	7.3	554	2.24	24.4	2.7	103.2	6.7	58	2.5	5.4	6.7	39	0.62	0.073
STD DS8	Standard	12.9	112.7	124.1	309	1.7	37.7	7.4	581	2.32	25.1	2.9	112.8	7.1	62	2.4	5.6	6.8	42	0.65	0.076
STD DS8	Standard	14.3	124.0	134.9	325	1.8	42.0	8.0	622	2.49	26.1	2.9	109.5	7.0	62	2.3	5.3	6.5	45	0.68	0.081
STD DS8	Standard	15.1	118.2	135.1	319	1.8	40.8	8.1	624	2.43	25.9	2.9	113.1	7.1	62	2.3	5.3	6.3	45	0.68	0.077

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178A.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1009913	Soil	6	37	1.20	270	0.203	1	2.54	0.012	0.32	0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
REP 1009913	QC	5	37	1.18	264	0.197	2	2.46	0.011	0.32	0.1	0.02	2.3	0.1	<0.05	7	<0.5	<0.2
1009907	Soil	11	38	0.65	188	0.113	2	1.82	0.008	0.14	0.1	0.01	3.3	0.1	<0.05	5	<0.5	<0.2
REP 1009907	QC	11	38	0.66	188	0.120	2	1.83	0.009	0.15	0.1	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1022506	Soil	23	52	1.01	183	0.127	<1	2.33	0.011	0.16	0.1	0.03	5.9	0.2	<0.05	7	<0.5	<0.2
REP 1022506	QC	23	53	1.00	184	0.124	1	2.32	0.012	0.16	0.1	0.02	5.8	0.1	<0.05	6	<0.5	<0.2
1009012	Soil	17	31	0.53	131	0.060	<1	1.57	0.008	0.11	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
REP 1009012	QC	17	33	0.51	129	0.060	<1	1.52	0.010	0.11	0.1	0.01	3.8	0.2	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	12	106	0.64	255	0.102	2	0.84	0.095	0.40	2.9	0.19	1.9	5.5	0.14	4	5.5	4.5
STD DS8	Standard	15	111	0.64	276	0.110	2	0.88	0.103	0.43	2.9	0.20	2.1	5.4	0.14	5	5.0	5.6
STD DS8	Standard	14	119	0.65	277	0.111	2	0.88	0.093	0.42	2.9	0.20	1.9	5.1	0.13	5	4.8	4.7
STD DS8	Standard	14	116	0.64	272	0.112	2	0.90	0.094	0.40	2.7	0.20	2.2	5.1	0.18	5	5.6	4.7
STD DS8	Standard	17	126	0.64	286	0.135	3	0.99	0.116	0.45	3.1	0.19	2.6	5.5	0.15	5	5.1	4.8
STD DS8	Standard	16	126	0.65	282	0.133	3	1.03	0.112	0.45	3.0	0.20	2.6	5.4	0.16	5	5.6	5.2
STD DS8	Standard	14	116	0.60	266	0.122	3	0.91	0.099	0.42	3.0	0.20	2.1	5.3	0.15	4	5.1	4.4
STD DS8	Standard	16	123	0.64	280	0.131	3	1.00	0.108	0.44	3.0	0.19	2.4	5.3	0.16	5	5.1	5.0
STD DS8	Standard	14	127	0.62	281	0.126	3	0.91	0.081	0.41	3.4	0.21	2.1	5.9	0.18	5	6.5	5.1
STD DS8	Standard	14	124	0.62	279	0.123	4	0.93	0.086	0.42	3.3	0.21	2.1	5.7	0.16	5	5.3	5.3
STD DS8	Standard	13	115	0.63	284	0.098	3	0.94	0.082	0.40	3.3	0.18	2.4	5.8	<0.05	5	6.1	5.9
STD DS8	Standard	14	115	0.64	293	0.109	3	1.00	0.090	0.45	3.6	0.19	2.8	5.9	<0.05	5	6.4	6.1
STD DS8	Standard	15	118	0.62	274	0.118	3	0.92	0.089	0.42	2.9	0.22	2.2	5.3	0.14	5	5.5	5.0
STD DS8	Standard	14	113	0.62	263	0.111	2	0.88	0.089	0.40	3.1	0.20	2.0	5.4	0.12	5	5.8	4.9
STD DS8	Standard	16	118	0.63	261	0.118	2	0.89	0.085	0.40	3.2	0.22	2.2	5.6	0.14	5	5.0	5.0
STD DS8	Standard	16	120	0.64	264	0.122	2	0.92	0.085	0.41	3.0	0.21	2.3	5.4	0.14	5	5.2	4.9
STD DS8	Standard	13	111	0.56	259	0.105	3	0.80	0.072	0.37	2.8	0.20	1.9	5.2	0.13	4	4.8	4.5
STD DS8	Standard	15	117	0.58	271	0.118	3	0.84	0.077	0.40	2.9	0.19	2.2	5.2	0.14	4	4.2	5.0
STD DS8	Standard	15	126	0.62	278	0.124	2	0.92	0.085	0.41	3.2	0.19	2.2	5.5	0.17	5	4.9	5.1
STD DS8	Standard	16	125	0.61	281	0.123	2	0.91	0.084	0.41	3.1	0.21	2.2	5.5	0.15	5	5.6	5.3

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178A.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.5	109.4	125.6	312	1.8	37.9	8.0	605	2.45	24.8	2.6	104.6	6.2	56	2.3	5.5	6.6	43	0.65	0.079
STD DS8	Standard	13.3	113.2	122.2	314	1.8	40.4	8.4	616	2.46	25.2	2.7	111.2	6.3	60	2.4	5.5	6.4	46	0.68	0.080
STD DS8	Standard	12.6	107.9	125.0	325	1.7	37.2	7.1	625	2.43	26.6	2.8	119.2	7.1	67	2.5	5.7	7.0	41	0.70	0.082
STD DS8	Standard	13.8	114.4	126.1	333	1.9	39.1	8.1	662	2.62	28.1	2.8	125.2	7.1	72	2.5	5.7	7.1	45	0.71	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178A.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	12	115	0.63	251	0.107	2	0.87	0.075	0.40	3.1	0.21	1.8	5.6	0.19	5	4.8	5.2
STD DS8	Standard	13	118	0.60	255	0.112	3	0.89	0.076	0.41	3.1	0.21	1.9	5.6	0.20	5	5.8	5.2
STD DS8	Standard	15	116	0.63	290	0.116	2	0.88	0.083	0.43	3.0	0.23	2.1	5.8	0.15	5	5.5	4.6
STD DS8	Standard	16	122	0.66	298	0.127	<1	0.95	0.086	0.45	3.0	0.22	2.3	5.6	0.16	5	5.7	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 08, 2011
Report Date: July 19, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000178B.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED01
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022591	Soil	0.7	10.1	35.8	58	<0.1	8.2	5.9	800	1.93	2.4	5.5	<0.5	45.3	10	<0.1	0.2	0.6	29	0.13	0.025
1022583	Soil	0.6	5.8	66.5	35	<0.1	5.4	5.4	1663	1.30	0.9	6.0	<0.5	60.8	17	<0.1	0.4	4.0	10	0.20	0.022
1022589	Soil	0.5	8.6	32.0	39	<0.1	4.2	3.4	809	1.32	0.8	6.2	<0.5	51.5	10	<0.1	0.2	1.7	18	0.14	0.020
1022595	Soil	0.5	16.3	33.9	54	<0.1	13.0	6.2	819	1.77	2.2	4.1	<0.5	38.1	22	<0.1	0.4	0.6	32	0.26	0.028
1022580	Soil	0.3	3.4	48.4	30	<0.1	3.6	2.4	1395	0.79	<0.5	4.6	<0.5	59.6	11	<0.1	0.2	0.9	5	0.23	0.031
1022582	Soil	0.5	4.3	42.1	54	<0.1	6.1	4.8	1219	1.63	<0.5	16.1	<0.5	79.5	13	<0.1	0.2	4.8	26	0.23	0.048
1022588	Soil	0.6	9.9	30.2	62	<0.1	6.7	5.4	949	2.05	1.5	10.4	<0.5	57.5	15	<0.1	0.2	1.2	31	0.18	0.032
1022576	Soil	1.1	10.0	25.9	37	<0.1	10.7	7.8	748	1.88	5.2	1.6	<0.5	27.5	13	<0.1	0.4	0.8	34	0.11	0.020
1022593	Soil	0.8	10.7	32.8	51	<0.1	8.3	5.4	590	1.81	2.2	6.6	<0.5	30.8	9	<0.1	0.2	3.7	28	0.09	0.019
1022596	Soil	0.7	18.4	27.1	64	<0.1	8.3	6.1	833	2.08	2.5	6.6	<0.5	54.6	16	<0.1	0.3	1.5	32	0.16	0.029
1022577	Soil	0.2	3.4	36.6	33	<0.1	3.0	2.4	890	1.03	0.7	9.1	<0.5	64.6	11	<0.1	0.2	3.0	14	0.23	0.038
1022581	Soil	0.4	3.9	41.9	56	<0.1	4.4	3.7	836	1.25	0.8	10.7	11.0	98.9	13	<0.1	0.2	1.5	14	0.21	0.047
1022594	Soil	0.7	14.4	40.5	74	<0.1	10.8	6.3	1093	2.21	2.2	6.6	<0.5	76.8	20	<0.1	0.2	1.5	36	0.24	0.029
1022600	Soil	0.7	14.9	39.5	63	<0.1	6.8	3.7	855	1.60	1.3	18.1	<0.5	63.7	19	<0.1	0.2	8.8	18	0.26	0.023
1022598	Soil	0.6	5.5	41.0	41	<0.1	5.8	2.8	711	1.11	1.3	6.0	<0.5	62.5	44	<0.1	0.1	2.2	12	0.21	0.014
1022578	Soil	0.1	2.0	17.7	23	<0.1	2.2	1.6	323	0.53	0.5	3.8	<0.5	35.7	8	<0.1	0.1	1.0	8	0.17	0.022
1029566	Soil	1.0	32.7	9.2	58	<0.1	21.8	12.7	393	3.17	9.7	1.0	1.5	4.0	24	<0.1	0.5	0.2	77	0.27	0.053
1029575	Soil	0.9	33.8	6.8	56	<0.1	15.6	13.6	424	3.51	6.1	0.4	<0.5	1.7	17	0.1	0.3	0.1	93	0.23	0.044
1029585	Soil	1.6	32.9	11.5	61	<0.1	27.4	13.0	372	3.33	11.1	0.7	<0.5	4.3	14	0.1	0.6	0.2	78	0.16	0.029
1022585	Soil	0.8	6.7	25.4	48	<0.1	5.3	3.9	528	1.63	1.8	6.5	<0.5	47.9	11	<0.1	0.2	3.4	17	0.15	0.029
1022584	Soil	0.4	8.3	247.2	32	<0.1	14.3	3.5	1508	1.36	2.2	5.6	<0.5	45.6	73	<0.1	0.3	0.9	12	3.85	0.022
1022586	Soil	1.1	16.1	27.9	74	<0.1	17.5	8.4	728	3.03	7.0	4.7	<0.5	34.5	11	<0.1	0.4	1.4	60	0.12	0.034
1021903	Soil	0.7	11.3	50.7	33	<0.1	8.6	2.1	355	1.06	3.0	5.4	<0.5	66.9	61	<0.1	0.2	4.8	13	0.28	0.008
1021901	Soil	0.9	7.9	47.3	40	<0.1	9.9	2.9	503	1.32	3.8	8.8	<0.5	60.3	20	0.1	0.3	2.0	21	0.29	0.016
1022590	Soil	0.5	6.5	29.5	60	<0.1	6.3	4.9	690	1.82	2.0	6.6	<0.5	36.7	10	<0.1	0.2	0.7	26	0.13	0.023
1022599	Soil	0.2	4.6	35.8	48	<0.1	4.4	2.4	971	1.01	<0.5	17.7	<0.5	61.2	31	<0.1	0.1	0.4	9	0.40	0.024
1022587	Soil	0.8	11.7	28.5	72	<0.1	12.1	7.4	805	2.59	3.8	5.7	<0.5	43.7	15	<0.1	0.2	4.8	45	0.18	0.027
1021904	Soil	0.5	3.2	40.3	13	<0.1	3.9	1.1	399	0.66	1.7	8.1	<0.5	64.2	58	<0.1	0.2	2.9	7	0.19	0.008
1022597	Soil	0.3	11.4	31.2	36	<0.1	4.5	2.6	562	1.05	1.2	6.7	<0.5	56.5	164	<0.1	<0.1	3.2	9	0.23	0.014
1022592	Soil	0.4	11.6	63.1	64	<0.1	6.6	4.6	1004	1.95	1.1	6.7	<0.5	69.5	11	<0.1	0.2	14.3	24	0.18	0.040

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022591	Soil	19	16	0.47	112	0.025	1	1.40	0.008	0.13	0.1	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1022583	Soil	34	7	0.50	82	0.001	<1	0.93	0.005	0.06	0.4	<0.01	3.5	0.2	<0.05	3	<0.5	<0.2
1022589	Soil	36	10	0.32	115	0.010	1	1.13	0.007	0.14	0.2	<0.01	2.3	0.5	<0.05	4	<0.5	<0.2
1022595	Soil	20	18	0.38	180	0.050	1	1.13	0.017	0.14	0.1	<0.01	4.0	0.4	<0.05	4	<0.5	<0.2
1022580	Soil	30	3	0.17	22	0.002	<1	0.53	0.006	0.07	0.2	0.01	2.7	0.3	<0.05	2	<0.5	<0.2
1022582	Soil	33	14	0.38	68	0.019	<1	1.06	0.010	0.14	0.2	<0.01	3.4	0.6	<0.05	5	<0.5	<0.2
1022588	Soil	51	15	0.50	156	0.069	<1	1.26	0.015	0.25	0.1	<0.01	5.2	0.8	<0.05	7	<0.5	<0.2
1022576	Soil	25	21	0.31	131	0.022	<1	1.49	0.009	0.06	0.2	0.01	3.2	0.2	<0.05	4	<0.5	<0.2
1022593	Soil	6	16	0.36	125	0.008	<1	1.38	0.010	0.06	<0.1	<0.01	1.7	0.2	<0.05	5	<0.5	<0.2
1022596	Soil	29	18	0.41	109	0.051	<1	1.42	0.012	0.21	0.1	<0.01	4.7	0.6	<0.05	5	<0.5	<0.2
1022577	Soil	25	6	0.29	17	0.009	<1	0.71	0.007	0.13	0.1	<0.01	2.0	0.5	<0.05	3	<0.5	<0.2
1022581	Soil	46	8	0.26	85	0.004	<1	0.75	0.009	0.06	0.1	<0.01	2.1	0.2	<0.05	3	<0.5	<0.2
1022594	Soil	63	19	0.50	255	0.045	<1	1.69	0.012	0.21	0.1	<0.01	6.2	0.6	<0.05	7	<0.5	<0.2
1022600	Soil	21	12	0.32	30	0.021	<1	1.23	0.017	0.12	0.1	<0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1022598	Soil	37	11	0.27	52	0.006	<1	1.27	0.010	0.11	<0.1	<0.01	2.9	0.3	<0.05	4	<0.5	<0.2
1022578	Soil	20	3	0.20	16	0.005	<1	0.50	0.005	0.08	0.1	<0.01	1.3	0.2	<0.05	2	<0.5	<0.2
1029566	Soil	15	35	0.68	277	0.080	3	2.13	0.014	0.07	0.2	0.05	5.3	0.1	<0.05	6	0.5	<0.2
1029575	Soil	6	30	0.93	160	0.175	<1	2.07	0.016	0.18	0.1	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1029585	Soil	10	40	0.68	181	0.073	1	2.40	0.010	0.08	0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1022585	Soil	19	12	0.33	117	0.008	<1	1.15	0.010	0.10	0.2	<0.01	2.6	0.2	<0.05	4	<0.5	<0.2
1022584	Soil	61	12	0.27	161	0.002	<1	1.11	0.005	0.09	0.2	0.03	3.7	0.3	<0.05	2	<0.5	<0.2
1022586	Soil	13	30	0.59	134	0.096	<1	2.75	0.010	0.15	0.1	<0.01	4.4	0.4	<0.05	9	<0.5	<0.2
1021903	Soil	39	13	0.19	72	0.005	<1	1.29	0.010	0.08	<0.1	<0.01	3.0	0.1	<0.05	3	<0.5	<0.2
1021901	Soil	37	18	0.25	50	0.013	<1	1.29	0.011	0.07	0.1	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
1022590	Soil	11	12	0.46	140	0.042	<1	1.34	0.010	0.28	<0.1	<0.01	3.9	0.7	<0.05	6	<0.5	<0.2
1022599	Soil	25	4	0.25	24	0.004	<1	1.08	0.012	0.08	<0.1	<0.01	1.8	0.2	<0.05	3	<0.5	<0.2
1022587	Soil	18	22	0.58	126	0.092	<1	1.98	0.010	0.22	0.1	<0.01	5.1	0.6	<0.05	8	<0.5	<0.2
1021904	Soil	23	5	0.08	51	0.004	<1	0.71	0.007	0.13	0.2	<0.01	1.1	0.1	<0.05	2	<0.5	<0.2
1022597	Soil	24	7	0.20	164	0.002	<1	1.31	0.016	0.09	<0.1	<0.01	2.9	0.2	<0.05	3	<0.5	<0.2
1022592	Soil	50	13	0.42	108	0.019	<1	1.26	0.008	0.19	<0.1	<0.01	4.6	0.4	<0.05	6	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022579	Soil	0.4	3.8	36.6	34	<0.1	4.5	2.6	919	0.99	<0.5	9.0	<0.5	58.7	12	<0.1	0.2	2.9	13	0.23	0.036
1021902	Soil	1.9	19.2	50.8	54	<0.1	24.9	7.8	398	2.48	8.2	3.6	<0.5	44.9	58	<0.1	0.5	1.3	54	0.25	0.018
1022761	Soil	0.4	21.3	4.6	47	<0.1	16.5	12.7	252	2.28	2.9	0.2	<0.5	2.8	15	<0.1	0.1	<0.1	59	0.51	0.110
1022764	Soil	0.5	57.3	7.4	77	<0.1	35.5	22.7	610	5.34	3.1	0.7	<0.5	11.7	36	<0.1	0.2	<0.1	116	0.55	0.040
1022758	Soil	0.8	37.6	18.8	170	<0.1	7.9	13.8	753	4.75	1.8	1.2	<0.5	18.8	18	0.2	0.1	0.2	61	0.22	0.052
1022760	Soil	0.3	10.7	5.0	95	<0.1	23.2	15.2	605	2.87	2.6	1.3	1.5	31.0	23	<0.1	0.1	<0.1	44	0.22	0.039
1022767	Soil	10.6	78.5	30.9	182	<0.1	11.6	2.8	179	4.97	3.3	2.1	1.6	12.2	41	0.3	0.2	0.3	41	0.10	0.068
1022762	Soil	0.7	25.1	4.1	111	<0.1	8.2	16.7	416	4.85	2.3	0.6	2.8	2.9	42	<0.1	<0.1	0.1	151	0.38	0.048
1022765	Soil	0.5	49.0	5.5	53	<0.1	30.3	13.7	346	3.21	2.5	0.4	1.3	5.8	32	<0.1	0.1	<0.1	77	0.46	0.032
1022766	Soil	0.5	23.7	9.2	77	<0.1	13.9	13.2	507	3.11	5.6	0.5	0.8	7.8	37	0.2	0.3	<0.1	53	0.36	0.032
1022754	Soil	<0.1	5.9	2.8	76	<0.1	2.5	8.6	445	2.55	1.1	0.9	<0.5	11.7	19	<0.1	<0.1	<0.1	25	0.22	0.069
1022755	Soil	0.4	5.5	5.5	101	<0.1	5.1	11.4	789	3.47	2.0	1.0	<0.5	13.8	28	0.2	0.1	<0.1	35	0.31	0.093
1022757	Soil	0.6	37.3	44.0	214	<0.1	9.4	14.0	757	4.05	3.1	1.2	<0.5	10.0	28	0.4	0.2	<0.1	64	0.38	0.068
1022759	Soil	0.4	11.3	4.7	89	<0.1	21.8	14.9	533	2.93	3.1	1.1	1.4	27.2	23	<0.1	0.1	<0.1	45	0.24	0.042
1009013	Soil	0.7	7.8	32.7	52	<0.1	12.4	6.8	600	2.15	4.0	2.9	0.6	49.3	19	<0.1	0.3	0.3	41	0.25	0.028
1022752	Soil	0.5	85.5	5.3	59	<0.1	11.2	19.8	530	3.07	4.0	0.5	2.1	1.4	54	0.2	0.2	<0.1	71	1.53	0.579
1022756	Soil	1.0	44.6	39.8	351	<0.1	7.1	14.9	1058	5.01	2.4	0.8	<0.5	7.2	18	0.3	0.2	<0.1	111	0.14	0.032
1022753	Soil	0.4	9.0	4.1	91	<0.1	5.2	13.6	709	4.30	2.2	1.1	1.0	13.4	20	0.2	<0.1	<0.1	58	0.24	0.073
1021817	Soil	0.9	21.3	17.2	57	<0.1	28.5	8.8	321	3.09	11.0	2.0	2.3	15.7	23	<0.1	0.7	0.2	71	0.18	0.018
1009914	Soil	0.7	47.1	5.1	84	<0.1	20.0	15.1	565	3.40	5.6	0.4	0.8	2.8	17	<0.1	0.3	0.2	76	0.25	0.051
1009918	Soil	0.6	29.0	5.7	58	0.1	14.4	12.3	451	2.90	4.1	0.3	<0.5	1.3	50	<0.1	0.3	<0.1	75	0.27	0.082
1009927	Soil	0.6	20.5	6.2	64	<0.1	28.1	17.1	599	3.80	6.5	0.4	1.0	6.3	32	<0.1	0.3	<0.1	77	0.44	0.051
1027511	Soil	0.6	24.7	7.5	70	<0.1	25.2	11.8	421	3.36	8.7	0.9	1.6	7.0	20	<0.1	0.5	0.5	70	0.19	0.031
1027507	Soil	2.6	42.4	39.1	84	0.1	44.2	16.0	581	3.45	9.7	1.0	2.1	9.4	49	0.2	0.3	16.6	79	0.71	0.055
1021822	Soil	0.9	38.1	20.8	51	<0.1	30.7	11.7	374	3.21	11.3	2.3	6.4	23.6	22	<0.1	0.6	0.6	80	0.20	0.012
1021821	Soil	0.8	13.3	16.5	48	<0.1	20.9	9.7	304	3.01	8.8	1.3	1.3	17.1	19	0.1	0.6	0.3	74	0.16	0.024
1027506	Soil	1.6	17.3	11.5	56	<0.1	21.1	10.6	341	3.30	10.1	0.6	1.9	4.2	19	<0.1	0.6	0.4	79	0.20	0.028
1021823	Soil	0.9	14.5	26.1	51	<0.1	18.7	8.9	555	2.58	8.0	2.3	0.7	31.1	26	<0.1	0.5	0.3	54	0.31	0.021
1027510	Soil	1.0	26.3	8.9	58	0.2	23.7	15.5	331	3.50	9.7	0.6	1.3	3.0	20	<0.1	0.5	0.2	96	0.28	0.063
1027509	Soil	0.8	26.7	9.7	86	<0.1	20.8	8.8	346	3.41	8.6	1.6	10.7	4.6	23	<0.1	1.0	0.2	71	0.21	0.020

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022579	Soil	26	9	0.30	21	0.009	<1	0.71	0.007	0.12	0.1	<0.01	2.0	0.4	<0.05	3	<0.5	<0.2
1021902	Soil	21	43	0.46	127	0.046	<1	2.03	0.010	0.12	0.1	0.01	3.7	0.1	<0.05	5	<0.5	<0.2
1022761	Soil	5	29	0.86	136	0.126	<1	1.72	0.037	0.18	<0.1	<0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
1022764	Soil	32	74	1.75	253	0.155	<1	2.98	0.016	0.05	<0.1	<0.01	6.2	<0.1	<0.05	14	<0.5	<0.2
1022758	Soil	21	15	1.30	232	0.291	<1	2.67	0.012	1.26	0.1	<0.01	2.9	0.6	<0.05	9	<0.5	<0.2
1022760	Soil	36	40	1.89	158	0.185	<1	2.69	0.012	1.16	0.1	<0.01	0.8	0.6	<0.05	7	<0.5	<0.2
1022767	Soil	43	24	1.06	201	0.081	<1	1.93	0.065	0.55	<0.1	0.01	2.0	0.3	0.91	6	2.8	<0.2
1022762	Soil	9	25	1.79	584	0.220	<1	2.90	0.043	0.91	<0.1	<0.01	9.1	0.4	0.12	9	0.8	0.5
1022765	Soil	10	66	1.17	152	0.178	<1	2.07	0.031	0.07	<0.1	<0.01	3.4	<0.1	<0.05	7	0.8	<0.2
1022766	Soil	9	22	0.83	200	0.111	<1	2.50	0.015	0.10	0.1	<0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
1022754	Soil	8	6	0.76	106	0.192	<1	1.52	0.007	0.80	0.1	<0.01	0.6	0.5	<0.05	5	<0.5	<0.2
1022755	Soil	9	11	0.76	121	0.133	<1	1.77	0.009	0.17	<0.1	<0.01	0.8	<0.1	<0.05	8	<0.5	<0.2
1022757	Soil	27	15	1.19	202	0.209	<1	2.27	0.013	0.43	<0.1	0.02	2.5	0.2	<0.05	9	<0.5	<0.2
1022759	Soil	27	42	1.70	147	0.201	<1	2.60	0.011	1.10	0.1	<0.01	1.1	0.6	<0.05	7	<0.5	<0.2
1009013	Soil	21	20	0.58	82	0.035	<1	1.55	0.008	0.09	0.1	0.01	3.1	0.3	<0.05	6	<0.5	<0.2
1022752	Soil	4	23	0.86	118	0.077	<1	1.86	0.076	0.09	<0.1	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1022756	Soil	24	13	1.72	364	0.343	<1	3.08	0.010	1.28	<0.1	0.01	2.8	0.6	<0.05	9	<0.5	<0.2
1022753	Soil	14	13	1.16	177	0.282	<1	2.57	0.013	1.23	<0.1	0.01	1.7	0.5	<0.05	10	<0.5	<0.2
1021817	Soil	14	46	0.68	155	0.099	<1	2.31	0.020	0.08	0.1	0.01	5.3	0.2	<0.05	7	<0.5	<0.2
1009914	Soil	5	26	1.29	168	0.184	<1	2.29	0.011	0.47	0.3	<0.01	2.3	0.2	<0.05	7	<0.5	<0.2
1009918	Soil	5	25	0.86	214	0.138	<1	2.06	0.020	0.12	<0.1	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1009927	Soil	11	44	1.36	273	0.333	<1	2.73	0.013	0.93	<0.1	0.01	2.2	0.2	<0.05	8	<0.5	<0.2
1027511	Soil	18	45	0.96	192	0.150	<1	2.51	0.013	0.31	0.2	0.02	4.2	0.2	<0.05	7	<0.5	<0.2
1027507	Soil	26	77	1.28	230	0.203	<1	2.17	0.022	0.33	8.4	0.04	6.4	0.6	<0.05	9	<0.5	<0.2
1021822	Soil	25	48	0.71	108	0.133	<1	1.95	0.022	0.08	0.2	0.03	7.4	0.1	<0.05	6	<0.5	<0.2
1021821	Soil	16	40	0.55	151	0.080	<1	2.25	0.013	0.13	0.1	0.02	4.4	0.1	<0.05	7	0.5	<0.2
1027506	Soil	10	40	0.62	226	0.073	1	2.64	0.015	0.07	0.2	0.03	3.5	0.1	<0.05	7	<0.5	<0.2
1021823	Soil	25	34	0.54	162	0.035	<1	2.01	0.011	0.10	0.1	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
1027510	Soil	8	38	0.73	206	0.093	<1	2.69	0.022	0.06	0.1	0.01	3.9	0.1	<0.05	7	<0.5	<0.2
1027509	Soil	17	38	0.73	275	0.078	<1	2.41	0.014	0.06	0.1	0.03	4.6	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1009917	Soil		1.0	50.4	11.7	89	<0.1	16.9	7.7	412	3.43	1.5	0.7	0.6	2.8	24	<0.1	0.1	<0.1	52	0.09	0.037
1009926	Soil		0.5	20.1	4.5	61	<0.1	27.9	17.0	581	3.86	6.4	0.4	0.7	6.5	30	<0.1	0.3	<0.1	73	0.43	0.060
1027503	Soil		3.5	66.4	10.7	65	0.1	22.3	19.0	294	4.41	31.7	0.4	<0.5	1.5	10	0.2	0.4	0.2	136	0.20	0.058
1027501	Soil		1.7	22.8	12.4	67	0.1	25.0	12.1	409	3.54	8.3	0.5	0.8	3.2	25	0.1	0.4	0.2	82	0.24	0.041
1009962	Soil		0.2	8.9	1.5	98	<0.1	3.7	10.3	577	3.44	1.1	0.5	0.8	2.7	10	0.1	0.1	<0.1	29	0.42	0.141
1009955	Soil		0.5	9.7	2.8	57	<0.1	7.0	8.1	437	2.81	2.4	0.6	<0.5	2.5	23	<0.1	0.2	<0.1	32	0.26	0.052
1009953	Soil		0.5	18.9	3.8	63	<0.1	8.5	10.5	415	3.15	2.7	0.7	0.6	3.7	23	<0.1	0.2	<0.1	45	0.40	0.052
1009967	Soil		1.1	34.8	8.1	62	<0.1	23.2	14.5	419	3.48	8.8	0.3	1.9	2.1	19	0.1	0.5	0.1	86	0.21	0.044
1009965	Soil		0.6	12.5	6.1	47	<0.1	13.8	8.9	384	3.16	4.8	0.6	1.0	3.3	11	<0.1	0.3	<0.1	35	0.15	0.037
1009961	Soil		0.7	16.0	8.6	49	<0.1	17.0	9.0	315	2.95	8.4	1.1	2.9	4.8	18	<0.1	0.6	0.1	59	0.14	0.019
1009963	Soil		0.8	28.2	4.3	65	<0.1	9.3	7.4	291	3.03	4.8	0.7	1.2	3.7	26	<0.1	0.3	<0.1	22	0.15	0.049
1009952	Soil		0.7	23.1	7.0	57	<0.1	18.5	11.4	502	3.08	7.0	0.7	2.5	4.0	24	<0.1	0.4	0.1	47	0.20	0.041
1022856	Soil		0.2	99.9	2.6	48	0.1	12.1	10.2	233	4.91	1.2	0.4	1.1	0.7	46	<0.1	<0.1	<0.1	120	0.66	0.105
1022862	Soil		1.1	30.1	16.3	130	0.2	17.6	14.1	526	4.16	5.7	2.2	2.0	14.2	18	<0.1	0.3	0.3	99	0.21	0.031
1022863	Soil		1.1	23.3	11.2	79	0.2	18.3	9.4	457	3.16	6.7	1.0	3.9	9.6	22	0.1	0.5	0.2	63	0.28	0.042
1009969	Soil		0.4	43.6	3.5	100	<0.1	17.5	27.6	1189	6.63	5.3	1.1	4.0	10.3	50	<0.1	0.3	<0.1	146	0.80	0.181
1022861	Soil		0.5	25.0	6.4	105	<0.1	27.2	27.8	856	5.24	3.3	1.1	2.3	9.7	31	<0.1	0.2	<0.1	113	0.47	0.053
1022859	Soil		1.6	42.4	9.3	75	<0.1	20.4	14.6	531	3.72	6.7	1.6	<0.5	11.6	24	<0.1	0.4	0.2	63	0.19	0.040
1022857	Soil		0.3	110.4	3.2	51	0.1	11.7	10.9	270	5.67	1.6	0.5	1.7	0.8	45	<0.1	<0.1	<0.1	129	0.64	0.092
1022860	Soil		0.9	21.1	10.0	51	<0.1	26.9	9.3	274	3.03	9.7	0.7	1.5	4.5	21	0.1	0.5	0.2	69	0.25	0.036
1009784	Soil		0.7	21.9	9.4	63	<0.1	14.4	10.4	590	3.38	4.5	0.8	2.0	4.3	22	<0.1	0.5	<0.1	41	0.23	0.037
1009785	Soil		1.1	17.8	8.4	58	<0.1	16.5	11.3	463	3.49	7.7	0.9	1.6	4.0	20	<0.1	0.6	0.1	61	0.22	0.034
1009786	Soil		0.6	16.8	3.2	52	<0.1	6.5	9.8	402	3.01	2.8	0.3	0.6	1.4	43	<0.1	0.2	<0.1	40	0.36	0.054
1009787	Soil		0.4	22.0	8.7	70	<0.1	14.7	10.7	540	3.45	3.1	0.8	1.3	3.2	34	<0.1	0.3	<0.1	44	0.57	0.041
1021529	Soil		1.5	17.6	11.3	82	0.2	19.4	13.0	391	3.60	9.9	0.5	1.0	3.2	16	0.2	0.7	0.3	85	0.17	0.046
1021533	Soil		0.6	65.6	5.1	83	<0.1	35.7	25.7	464	4.62	4.4	1.3	1.1	12.2	39	<0.1	0.2	<0.1	104	0.60	0.095
1021532	Soil		1.0	45.7	18.5	123	0.1	28.9	20.5	470	4.15	10.2	0.7	0.8	3.1	24	0.3	0.5	0.2	102	0.31	0.044
1009788	Soil		0.4	10.3	2.8	96	<0.1	4.0	9.2	668	3.71	1.8	0.6	0.7	2.5	17	<0.1	0.1	<0.1	22	0.31	0.074
1021517	Soil		0.9	20.1	10.9	72	<0.1	25.1	13.9	474	3.90	9.2	1.2	3.7	7.2	24	0.3	0.4	0.2	76	0.27	0.038
1021536	Soil		1.1	37.1	10.3	73	<0.1	26.9	12.3	302	3.56	8.2	0.7	1.4	4.3	16	<0.1	0.5	0.1	85	0.16	0.033

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1009917	Soil	11	30	0.79	333	0.230	<1	1.66	0.014	0.75	<0.1	<0.01	8.4	0.5	0.07	8	<0.5	<0.2
1009926	Soil	11	39	1.33	276	0.317	<1	2.72	0.013	0.98	<0.1	0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1027503	Soil	5	36	0.95	289	0.175	<1	2.58	0.023	0.21	0.5	0.02	4.6	0.2	<0.05	8	<0.5	<0.2
1027501	Soil	7	44	0.75	226	0.108	<1	2.63	0.013	0.07	23.6	0.02	4.1	0.1	<0.05	8	<0.5	<0.2
1009962	Soil	10	4	0.67	309	0.075	<1	1.73	0.017	0.26	0.1	<0.01	6.7	<0.1	<0.05	8	<0.5	<0.2
1009955	Soil	7	12	0.54	181	0.121	<1	1.79	0.014	0.22	<0.1	<0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1009953	Soil	13	15	0.75	290	0.168	<1	2.23	0.031	0.33	<0.1	0.01	4.9	<0.1	<0.05	9	0.8	<0.2
1009967	Soil	5	39	0.96	220	0.152	<1	2.74	0.014	0.08	0.1	0.02	2.2	<0.1	<0.05	7	<0.5	<0.2
1009965	Soil	7	20	0.55	176	0.080	<1	2.09	0.019	0.13	<0.1	<0.01	4.7	<0.1	<0.05	7	<0.5	<0.2
1009961	Soil	18	35	0.60	218	0.076	<1	2.01	0.013	0.06	0.1	0.04	5.1	<0.1	<0.05	6	<0.5	<0.2
1009963	Soil	6	14	0.43	203	0.120	1	1.89	0.016	0.35	<0.1	<0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
1009952	Soil	10	27	0.70	215	0.073	<1	2.15	0.011	0.07	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1022856	Soil	2	19	1.17	342	0.202	<1	1.72	0.114	0.63	<0.1	<0.01	6.6	0.2	0.21	6	<0.5	<0.2
1022862	Soil	19	36	1.33	221	0.146	<1	2.52	0.012	0.41	0.1	0.01	4.7	0.2	<0.05	8	<0.5	<0.2
1022863	Soil	34	29	0.80	308	0.065	1	1.98	0.011	0.09	0.1	0.01	3.7	0.1	<0.05	6	0.5	<0.2
1009969	Soil	27	26	2.11	708	0.371	<1	3.63	0.016	1.56	<0.1	0.02	4.0	0.2	<0.05	11	0.9	<0.2
1022861	Soil	32	43	2.53	357	0.270	2	3.51	0.013	1.32	0.1	<0.01	4.3	0.7	<0.05	8	0.6	<0.2
1022859	Soil	14	37	1.12	227	0.163	<1	2.64	0.013	0.45	0.1	0.01	3.1	0.3	<0.05	8	<0.5	<0.2
1022857	Soil	2	22	1.23	376	0.250	<1	1.90	0.111	0.69	<0.1	<0.01	7.1	0.2	0.21	6	1.2	<0.2
1022860	Soil	12	40	0.62	336	0.068	1	2.19	0.010	0.05	0.1	0.01	3.3	0.1	<0.05	6	<0.5	<0.2
1009784	Soil	15	19	0.65	315	0.036	2	1.73	0.014	0.07	<0.1	0.01	5.6	<0.1	<0.05	6	0.7	<0.2
1009785	Soil	13	29	0.68	220	0.119	2	2.34	0.013	0.12	0.1	0.03	3.7	0.1	<0.05	7	<0.5	<0.2
1009786	Soil	4	11	0.56	217	0.146	<1	1.80	0.037	0.36	<0.1	0.02	3.8	<0.1	<0.05	7	0.9	<0.2
1009787	Soil	12	37	0.74	360	0.142	2	2.74	0.016	0.11	<0.1	0.01	5.9	<0.1	<0.05	9	<0.5	<0.2
1021529	Soil	10	36	0.74	235	0.091	3	2.42	0.011	0.10	0.1	0.02	2.7	0.2	<0.05	8	0.6	<0.2
1021533	Soil	47	57	1.56	444	0.277	<1	3.25	0.040	0.37	<0.1	0.01	5.1	0.2	<0.05	10	<0.5	<0.2
1021532	Soil	8	57	1.45	307	0.202	2	3.53	0.020	0.28	<0.1	0.02	3.3	0.2	<0.05	9	<0.5	<0.2
1009788	Soil	12	6	0.65	382	0.143	<1	2.05	0.018	0.35	<0.1	<0.01	6.4	<0.1	<0.05	9	0.9	<0.2
1021517	Soil	14	36	0.85	232	0.142	<1	2.78	0.013	0.13	0.1	0.02	3.6	0.1	<0.05	8	<0.5	<0.2
1021536	Soil	10	37	0.86	217	0.109	2	2.56	0.013	0.22	0.1	0.02	4.1	0.2	<0.05	7	0.7	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021521	Soil	0.9	23.3	9.8	90	<0.1	25.3	12.0	567	3.71	7.5	1.6	2.1	19.6	21	0.2	0.5	0.2	63	0.20	0.041
1009789	Soil	0.9	17.4	8.3	56	<0.1	16.5	11.0	413	3.09	7.6	0.9	1.3	3.7	16	<0.1	0.5	0.1	51	0.19	0.046
1021512	Soil	1.2	29.2	8.3	60	<0.1	24.0	12.8	434	3.47	9.0	1.5	2.8	11.0	22	<0.1	0.5	0.1	73	0.26	0.039
1021534	Soil	1.1	21.5	10.9	52	<0.1	22.4	11.3	374	3.02	9.9	1.2	2.5	4.8	19	<0.1	0.6	0.2	66	0.17	0.041
1021535	Soil	0.9	23.6	9.7	47	<0.1	15.8	10.0	274	2.96	5.9	0.6	2.9	2.9	21	<0.1	0.3	0.2	76	0.25	0.047
1009790	Soil	1.0	14.1	5.6	39	<0.1	14.0	7.3	310	2.28	4.9	0.9	1.1	4.0	35	<0.1	0.4	<0.1	35	0.34	0.034
1022855	Soil	0.2	197.2	2.6	39	<0.1	59.3	29.2	437	2.63	1.6	0.2	1.3	0.7	15	<0.1	0.1	<0.1	104	0.57	0.038
1022854	Soil	0.5	20.5	12.9	194	0.1	16.3	20.0	1123	4.21	4.7	0.6	1.7	7.0	50	0.5	0.3	<0.1	78	0.66	0.110
1022853	Soil	0.1	207.2	0.9	36	<0.1	21.0	37.8	276	3.55	1.4	<0.1	<0.5	0.2	25	<0.1	<0.1	<0.1	135	0.63	0.093
1022852	Soil	<0.1	148.9	1.0	16	<0.1	45.2	16.2	159	1.38	1.0	<0.1	<0.5	0.2	11	<0.1	<0.1	<0.1	55	0.44	0.017
1022851	Soil	0.1	290.7	1.2	42	<0.1	28.4	33.9	362	3.29	1.6	0.3	0.7	2.6	24	<0.1	<0.1	<0.1	110	0.63	0.063
1009776	Soil	0.5	82.6	4.6	49	<0.1	22.1	16.9	351	2.94	3.7	0.4	0.8	1.9	74	<0.1	0.2	<0.1	80	0.56	0.054
1009777	Soil	0.6	87.0	4.1	47	<0.1	24.8	19.1	376	2.81	4.2	0.4	0.7	2.0	42	<0.1	0.2	<0.1	67	0.51	0.063
1009778	Soil	0.8	26.8	2.2	66	<0.1	7.0	6.2	319	3.66	3.1	0.8	<0.5	4.4	14	<0.1	0.2	<0.1	22	0.18	0.035
1009782	Soil	0.5	11.4	4.2	59	<0.1	10.7	11.7	671	3.84	3.7	0.6	0.9	2.8	15	<0.1	0.3	<0.1	43	0.25	0.028
1009775	Soil	0.9	109.6	7.0	55	<0.1	50.1	22.1	313	5.70	2.1	1.7	<0.5	18.5	12	<0.1	0.1	<0.1	132	0.16	0.051
1009774	Soil	0.7	10.5	5.6	86	<0.1	56.6	16.8	604	3.88	4.4	0.5	1.1	5.6	28	<0.1	0.3	<0.1	84	0.34	0.046
1009779	Soil	0.8	11.0	4.6	43	<0.1	11.9	10.3	308	2.76	4.7	0.5	<0.5	2.8	12	<0.1	0.3	<0.1	36	0.26	0.082
1009781	Soil	0.6	11.3	3.6	60	<0.1	9.9	11.1	591	3.73	3.1	0.6	1.6	2.8	12	<0.1	0.3	<0.1	43	0.21	0.033
1009783	Soil	0.9	23.9	9.1	54	<0.1	26.1	11.0	327	2.84	11.3	0.9	2.6	4.3	25	<0.1	0.7	0.1	67	0.21	0.018
1009773	Soil	0.9	17.0	5.7	76	<0.1	16.4	17.9	841	4.89	7.1	1.1	<0.5	9.7	31	<0.1	0.4	<0.1	101	0.58	0.076
1009780	Soil	1.5	92.4	9.9	620	<0.1	10.5	10.2	780	4.65	7.2	0.7	0.8	3.4	10	0.5	0.7	<0.1	41	0.12	0.048
1022866	Soil	0.8	41.2	8.3	62	0.1	21.6	12.5	373	2.79	5.4	0.6	2.2	3.8	28	0.2	0.4	0.1	75	0.48	0.073
1022865	Soil	0.9	27.3	11.5	77	<0.1	13.6	13.4	593	3.70	3.7	1.1	1.1	9.1	26	<0.1	0.3	<0.1	74	0.50	0.101
1022864	Soil	1.2	17.5	13.2	60	<0.1	21.6	9.1	481	2.84	7.4	0.7	2.4	2.8	33	0.1	0.5	0.2	72	0.36	0.037
1022612	Soil	0.9	8.9	32.0	43	<0.1	13.2	6.2	570	1.96	3.8	3.0	4.7	23.6	19	<0.1	0.4	0.8	39	0.17	0.016
1022613	Soil	0.6	5.7	30.0	28	<0.1	8.0	3.1	362	1.29	2.5	4.3	<0.5	30.8	16	<0.1	0.2	1.2	18	0.14	0.014
1022611	Soil	0.6	7.1	36.7	39	<0.1	10.3	4.3	375	1.79	2.2	11.7	2.7	23.1	19	<0.1	0.2	1.3	34	0.22	0.022
1022617	Soil	0.9	20.1	10.4	46	<0.1	19.2	9.2	329	3.16	8.6	1.3	2.4	7.6	23	<0.1	0.4	0.2	68	0.21	0.038
1022616	Soil	0.2	3.9	26.0	18	<0.1	3.2	1.2	163	0.73	0.7	8.4	<0.5	45.8	14	<0.1	0.1	0.5	7	0.12	0.016

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021521	Soil	31	37	0.74	181	0.083	1	2.65	0.013	0.20	<0.1	0.02	3.5	0.2	<0.05	6	0.7	<0.2
1009789	Soil	10	26	0.65	187	0.096	1	2.20	0.014	0.14	0.1	0.02	3.8	<0.1	<0.05	7	0.8	<0.2
1021512	Soil	27	38	0.78	204	0.097	2	2.34	0.013	0.08	0.1	0.02	4.5	<0.1	<0.05	6	0.9	<0.2
1021534	Soil	17	36	0.61	391	0.069	1	2.09	0.014	0.06	0.2	0.04	4.2	0.1	<0.05	6	<0.5	<0.2
1021535	Soil	10	31	0.83	277	0.144	<1	2.16	0.020	0.19	<0.1	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
1009790	Soil	15	27	0.54	219	0.083	<1	1.77	0.038	0.10	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
1022855	Soil	4	41	1.92	266	0.169	<1	1.93	0.060	0.66	<0.1	<0.01	5.2	0.1	<0.05	5	<0.5	<0.2
1022854	Soil	9	37	1.65	443	0.232	<1	3.08	0.018	0.36	<0.1	<0.01	2.2	0.2	<0.05	8	0.7	<0.2
1022853	Soil	<1	12	1.48	283	0.127	<1	1.70	0.077	0.51	<0.1	<0.01	5.3	<0.1	<0.05	5	1.0	<0.2
1022852	Soil	<1	13	1.22	148	0.122	<1	1.15	0.058	0.26	<0.1	<0.01	3.0	<0.1	<0.05	2	<0.5	<0.2
1022851	Soil	9	22	1.76	227	0.134	<1	2.19	0.069	0.39	<0.1	<0.01	8.6	<0.1	<0.05	5	0.8	<0.2
1009776	Soil	6	36	1.31	333	0.204	<1	2.72	0.028	0.25	<0.1	0.01	2.6	0.1	<0.05	6	<0.5	<0.2
1009777	Soil	4	35	1.23	237	0.166	<1	2.35	0.028	0.20	<0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1009778	Soil	13	8	0.44	230	0.139	1	1.52	0.024	0.47	<0.1	<0.01	8.4	<0.1	<0.05	8	0.8	<0.2
1009782	Soil	9	15	0.69	258	0.178	1	2.54	0.018	0.19	<0.1	<0.01	4.1	<0.1	<0.05	8	1.0	<0.2
1009775	Soil	29	104	1.50	549	0.309	<1	4.05	0.017	1.20	<0.1	0.02	6.0	0.4	<0.05	13	<0.5	<0.2
1009774	Soil	11	85	1.52	194	0.202	2	2.70	0.009	0.42	<0.1	0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1009779	Soil	7	13	0.56	195	0.103	<1	1.75	0.023	0.29	<0.1	0.02	3.8	<0.1	<0.05	6	0.6	<0.2
1009781	Soil	7	13	0.65	198	0.131	<1	2.34	0.016	0.25	<0.1	0.03	3.8	<0.1	<0.05	7	<0.5	<0.2
1009783	Soil	14	38	0.68	233	0.069	<1	1.98	0.014	0.06	0.1	0.04	4.2	0.1	<0.05	5	<0.5	<0.2
1009773	Soil	25	25	1.71	265	0.265	2	2.91	0.010	0.92	<0.1	0.02	4.3	0.2	<0.05	10	<0.5	<0.2
1009780	Soil	10	17	0.67	224	0.110	<1	2.62	0.015	0.32	<0.1	0.02	8.2	0.1	<0.05	10	0.7	<0.2
1022866	Soil	12	34	0.90	204	0.093	<1	1.72	0.022	0.10	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1022865	Soil	21	24	0.91	225	0.082	1	2.05	0.012	0.15	0.1	0.02	3.8	<0.1	<0.05	7	0.5	<0.2
1022864	Soil	12	34	0.56	580	0.052	<1	1.89	0.012	0.10	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1022612	Soil	11	21	0.35	165	0.015	<1	1.36	0.012	0.10	0.1	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
1022613	Soil	11	13	0.25	66	0.006	<1	0.89	0.009	0.08	0.1	0.01	1.5	<0.1	<0.05	3	<0.5	<0.2
1022611	Soil	10	18	0.32	93	0.014	<1	1.46	0.011	0.08	<0.1	0.01	2.1	0.2	<0.05	6	<0.5	<0.2
1022617	Soil	21	36	0.63	206	0.061	<1	2.19	0.015	0.06	<0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1022616	Soil	24	6	0.11	28	0.002	<1	0.62	0.008	0.10	<0.1	0.01	1.0	0.1	<0.05	2	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1009968	Soil	0.9	13.8	8.5	56	<0.1	21.8	10.9	420	3.11	7.4	0.6	3.4	6.3	26	<0.1	0.5	<0.1	64	0.32	0.043
1009964	Soil	0.3	20.2	3.4	70	<0.1	5.6	10.1	452	3.99	1.6	0.6	0.7	1.3	39	<0.1	0.2	<0.1	23	0.70	0.181
1009966	Soil	0.4	39.9	3.0	18	<0.1	15.3	8.6	154	1.42	3.5	0.3	<0.5	1.3	10	<0.1	0.2	<0.1	36	0.19	0.024
1009960	Soil	0.8	24.0	32.8	55	0.1	12.4	9.1	614	3.21	4.6	1.1	4.3	4.9	12	0.1	0.6	<0.1	36	0.11	0.017
1009954	Soil	0.6	10.0	3.5	51	<0.1	12.8	7.7	381	2.74	3.2	0.5	1.5	3.2	14	<0.1	0.2	<0.1	34	0.20	0.030
1009956	Soil	1.0	27.4	9.8	65	<0.1	21.1	13.6	593	3.26	10.2	1.5	2.5	5.2	27	<0.1	0.6	0.1	66	0.24	0.038
1009959	Soil	0.7	18.8	8.1	82	<0.1	10.8	10.0	957	4.07	2.3	0.8	1.9	6.0	18	<0.1	0.4	<0.1	31	0.22	0.040
1009957	Soil	0.7	28.7	14.2	62	<0.1	18.6	11.3	398	3.58	7.5	0.8	4.2	4.3	31	<0.1	0.6	0.1	70	0.33	0.028
1022603	Soil	1.2	12.3	28.3	45	<0.1	17.3	6.1	389	2.14	5.0	2.0	0.8	15.8	24	0.1	0.3	1.0	54	0.26	0.031
1022709	Soil	0.9	7.9	128.0	44	<0.1	8.4	5.1	768	1.70	3.8	9.1	<0.5	59.9	8	<0.1	0.4	8.3	25	0.11	0.037
1022721	Soil	0.4	6.5	45.4	47	<0.1	7.8	5.4	725	1.83	2.2	2.7	1.0	51.4	20	<0.1	0.2	0.4	29	0.28	0.050
1022724	Soil	0.7	13.0	47.7	59	<0.1	14.7	6.7	1109	2.34	3.5	5.9	2.9	78.2	17	<0.1	0.3	0.9	41	0.34	0.059
1022606	Soil	1.4	11.5	36.6	47	<0.1	19.1	6.5	459	2.08	6.0	4.5	1.1	28.7	19	<0.1	0.4	1.8	44	0.20	0.030
1022604	Soil	0.8	5.3	30.7	31	<0.1	7.7	2.8	301	1.37	2.0	3.5	<0.5	26.4	12	<0.1	0.2	2.7	21	0.15	0.015
1022602	Soil	0.7	22.1	21.5	47	0.1	19.0	7.8	522	2.41	6.5	14.9	5.0	29.3	33	<0.1	0.5	0.8	54	0.45	0.040
1022614	Soil	0.8	14.2	22.6	44	<0.1	13.3	6.9	537	2.16	5.2	10.1	2.6	24.9	19	<0.1	0.3	1.0	47	0.19	0.037
1022607	Soil	1.2	27.8	24.1	50	<0.1	29.1	9.1	470	2.90	10.2	7.0	3.4	35.2	27	<0.1	0.6	0.5	63	0.29	0.020
1022608	Soil	1.0	19.1	21.9	57	<0.1	25.7	10.6	625	2.96	9.1	2.7	1.4	19.7	28	<0.1	0.6	0.5	69	0.26	0.032
1022610	Soil	0.7	7.0	34.2	49	<0.1	8.0	4.3	588	1.82	2.4	6.7	<0.5	39.8	21	<0.1	0.2	1.0	27	0.23	0.016
1022615	Soil	0.4	5.8	29.3	23	<0.1	5.6	2.1	228	1.02	1.3	7.1	1.3	43.5	14	<0.1	0.2	0.5	14	0.13	0.019
1022601	Soil	0.7	10.9	35.6	40	<0.1	13.1	4.3	487	1.48	3.5	8.4	1.0	46.3	16	<0.1	0.3	1.0	24	0.20	0.021
1022605	Soil	0.9	22.9	19.0	53	<0.1	22.4	8.9	441	2.40	6.3	2.2	2.0	18.9	26	<0.1	0.5	1.3	53	0.39	0.037
1022609	Soil	0.7	8.1	29.3	52	<0.1	11.6	5.6	547	1.73	2.6	4.2	<0.5	36.7	25	<0.1	0.3	1.3	29	0.25	0.020
1022858	Soil	0.8	28.2	8.1	91	<0.1	30.9	17.0	574	4.15	5.7	0.6	0.9	7.1	25	<0.1	0.3	0.1	88	0.20	0.026
1022902	Soil	0.8	27.3	7.7	52	<0.1	21.2	10.9	350	3.07	7.6	1.0	2.6	4.9	20	<0.1	0.4	0.1	67	0.26	0.046
1022912	Soil	0.8	60.5	5.8	77	<0.1	17.1	17.0	579	4.78	5.4	0.3	<0.5	1.7	15	<0.1	0.3	<0.1	150	0.28	0.048
1022904	Soil	1.1	63.5	7.5	128	<0.1	16.2	25.5	728	4.65	0.7	1.3	2.4	8.0	23	0.1	<0.1	0.4	105	0.28	0.063
1022908	Soil	0.4	163.8	2.7	29	<0.1	75.0	29.4	306	2.54	2.5	0.1	0.7	0.6	17	<0.1	0.1	<0.1	101	0.40	0.029
1022924	Soil	0.7	15.6	5.4	57	<0.1	27.1	15.3	505	2.66	4.4	0.3	0.5	2.8	23	0.1	0.4	0.1	68	0.40	0.035
1022925	Soil	0.7	15.7	5.4	110	<0.1	13.3	16.9	1054	3.62	2.2	0.4	1.1	2.9	21	0.1	0.3	0.1	80	0.31	0.067

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1009968	Soil	15	34	0.74	207	0.120	1	1.82	0.012	0.18	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1009964	Soil	5	6	0.50	253	0.134	<1	2.12	0.036	0.31	<0.1	<0.01	5.7	<0.1	<0.05	9	<0.5	<0.2
1009966	Soil	3	19	0.30	75	0.059	<1	1.11	0.018	0.03	<0.1	0.01	1.7	<0.1	<0.05	2	<0.5	<0.2
1009960	Soil	17	19	0.49	290	0.017	<1	1.90	0.009	0.07	<0.1	0.03	5.3	<0.1	<0.05	5	<0.5	<0.2
1009954	Soil	7	15	0.55	156	0.113	<1	2.11	0.017	0.22	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1009956	Soil	21	34	0.64	295	0.080	<1	2.00	0.017	0.07	0.1	0.06	6.3	<0.1	<0.05	6	0.6	<0.2
1009959	Soil	26	10	0.60	517	0.011	<1	2.01	0.014	0.08	<0.1	0.01	8.2	<0.1	<0.05	8	<0.5	<0.2
1009957	Soil	16	33	0.73	369	0.066	<1	2.30	0.019	0.06	0.1	0.04	7.3	<0.1	<0.05	7	<0.5	<0.2
1022603	Soil	11	25	0.41	144	0.034	<1	1.56	0.013	0.07	<0.1	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1022709	Soil	44	15	0.25	65	0.013	<1	1.15	0.009	0.05	0.2	0.01	3.0	0.1	<0.05	4	0.6	<0.2
1022721	Soil	19	14	0.50	116	0.011	<1	1.31	0.007	0.11	0.1	0.02	2.4	0.3	<0.05	6	0.6	<0.2
1022724	Soil	41	19	0.71	80	0.041	<1	1.43	0.011	0.21	0.2	0.03	4.2	0.6	<0.05	7	<0.5	<0.2
1022606	Soil	16	30	0.40	123	0.027	<1	1.47	0.011	0.10	0.1	0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1022604	Soil	14	12	0.19	68	0.010	<1	0.97	0.009	0.07	0.1	<0.01	1.2	<0.1	<0.05	3	<0.5	<0.2
1022602	Soil	25	29	0.55	211	0.060	1	1.56	0.020	0.07	0.1	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1022614	Soil	22	24	0.51	112	0.040	<1	1.41	0.010	0.07	0.1	0.02	2.9	<0.1	<0.05	5	0.9	<0.2
1022607	Soil	30	42	0.57	114	0.074	<1	1.85	0.018	0.11	0.1	0.03	6.2	<0.1	<0.05	6	0.7	<0.2
1022608	Soil	21	40	0.57	201	0.076	1	2.05	0.012	0.15	0.1	0.02	5.8	0.1	<0.05	6	<0.5	<0.2
1022610	Soil	12	13	0.41	64	0.015	<1	1.46	0.009	0.14	0.2	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2
1022615	Soil	24	10	0.18	45	0.007	<1	0.70	0.010	0.09	<0.1	<0.01	1.1	0.1	<0.05	2	<0.5	<0.2
1022601	Soil	19	18	0.27	86	0.014	<1	1.06	0.007	0.09	0.1	0.02	2.9	0.1	<0.05	4	<0.5	<0.2
1022605	Soil	16	33	0.56	206	0.066	<1	1.51	0.017	0.07	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1022609	Soil	19	18	0.43	104	0.017	<1	1.36	0.007	0.09	0.2	0.01	2.5	0.1	<0.05	5	<0.5	<0.2
1022858	Soil	15	56	1.79	324	0.231	1	3.04	0.010	0.66	<0.1	<0.01	2.8	0.3	<0.05	10	<0.5	<0.2
1022902	Soil	17	37	0.70	256	0.100	1	2.03	0.012	0.07	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1022912	Soil	5	34	1.43	446	0.290	<1	2.78	0.024	0.82	<0.1	<0.01	6.7	0.2	<0.05	9	<0.5	<0.2
1022904	Soil	30	36	1.65	469	0.240	<1	3.02	0.019	1.19	<0.1	<0.01	6.1	0.4	<0.05	9	<0.5	0.2
1022908	Soil	2	136	2.33	208	0.170	<1	2.36	0.043	0.45	<0.1	0.01	5.4	0.1	<0.05	4	<0.5	<0.2
1022924	Soil	7	56	0.87	321	0.102	<1	1.74	0.011	0.10	0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1022925	Soil	7	23	1.02	430	0.142	1	2.21	0.010	0.17	<0.1	0.01	3.5	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022901	Soil	0.4	42.0	4.7	72	<0.1	34.1	21.7	516	4.17	2.6	0.5	0.6	5.1	31	<0.1	0.2	<0.1	100	0.62	0.078
1022911	Soil	0.3	52.1	2.0	89	<0.1	12.1	19.5	667	5.52	3.1	0.4	<0.5	2.3	10	<0.1	<0.1	<0.1	165	0.31	0.102
1022913	Soil	0.4	143.4	2.4	65	<0.1	20.6	23.2	752	5.09	2.9	0.4	2.3	1.8	16	<0.1	0.2	<0.1	185	0.44	0.060
1022927	Soil	0.7	22.2	7.7	110	<0.1	16.0	18.6	728	4.00	3.8	0.6	1.3	4.6	32	0.1	0.3	<0.1	88	0.47	0.060
1022922	Soil	0.4	29.3	5.8	116	<0.1	39.5	22.1	629	4.21	3.0	0.6	1.3	4.5	27	0.1	0.2	0.1	100	0.48	0.039
1022920	Soil	1.4	18.4	8.5	98	<0.1	13.7	5.8	377	2.97	6.6	0.8	0.8	6.2	17	<0.1	0.4	0.1	43	0.12	0.023
1022915	Soil	0.9	39.9	8.4	53	<0.1	23.8	11.9	425	3.10	9.2	0.6	3.3	5.5	24	<0.1	0.5	0.1	83	0.27	0.018
1022923	Soil	0.9	11.0	6.2	86	<0.1	14.5	8.1	652	2.35	3.8	0.4	1.8	2.9	18	0.2	0.3	0.1	49	0.24	0.044
1022926	Soil	0.7	17.4	5.0	103	<0.1	28.5	17.9	705	2.95	2.6	0.3	5.5	2.3	23	0.2	0.2	<0.1	75	0.45	0.060
1022921	Soil	0.8	14.9	6.2	51	<0.1	15.7	7.1	289	2.21	6.2	0.6	1.6	4.9	11	<0.1	0.3	<0.1	46	0.14	0.031
1021531	Soil	0.7	27.4	8.4	68	<0.1	26.2	16.4	436	3.50	6.1	1.2	1.6	8.7	27	<0.1	0.3	<0.1	77	0.36	0.037
1021522	Soil	1.0	24.1	9.2	61	<0.1	25.4	12.1	323	3.07	9.4	0.6	3.0	4.1	17	<0.1	0.6	0.1	68	0.19	0.032
1021525	Soil	0.9	69.5	7.8	43	<0.1	30.1	17.0	357	3.46	8.4	0.7	1.7	3.2	17	<0.1	0.3	0.2	92	0.28	0.044
1021516	Soil	1.5	24.7	12.2	70	<0.1	23.7	13.3	425	3.69	11.0	0.9	2.7	6.0	17	0.2	0.4	0.1	79	0.20	0.037
1021530	Soil	1.2	27.1	32.0	141	0.1	22.0	14.4	562	3.77	9.5	0.6	2.5	5.6	15	0.2	0.4	0.1	84	0.19	0.026
1021523	Soil	1.0	30.3	11.2	65	0.1	18.3	9.4	373	2.95	7.1	1.0	2.8	4.6	18	0.1	0.3	0.2	63	0.21	0.044
1021515	Soil	1.1	28.7	8.6	56	0.1	22.6	11.9	370	2.98	8.7	0.9	2.7	4.6	17	<0.1	0.5	0.2	69	0.20	0.046
1021524	Soil	1.0	24.1	11.4	70	0.2	23.2	12.6	407	3.26	8.6	1.2	3.2	12.9	18	0.1	0.4	0.6	71	0.19	0.026
1022734	Soil	0.2	6.5	22.6	35	<0.1	4.9	2.9	513	1.16	0.8	6.2	1.0	47.5	43	0.2	0.1	1.4	15	0.26	0.021
1022732	Soil	0.8	9.6	37.5	41	<0.1	10.5	4.3	687	1.46	2.5	6.5	0.7	45.5	16	<0.1	0.2	0.6	22	0.18	0.019
1022735	Soil	0.7	8.6	31.8	49	<0.1	10.0	4.3	733	1.61	2.4	5.7	<0.5	53.2	27	<0.1	0.3	2.0	22	0.20	0.028
1021514	Soil	0.9	37.6	7.3	84	<0.1	26.5	17.6	567	3.66	7.6	0.6	1.2	3.0	23	<0.1	0.4	0.1	91	0.28	0.027
1022731	Soil	0.7	19.6	23.0	47	<0.1	18.6	6.8	410	2.21	6.7	4.4	2.1	29.7	16	<0.1	0.4	0.5	47	0.17	0.025
1022729	Soil	0.3	4.3	37.4	40	<0.1	3.9	2.9	699	1.18	0.8	9.5	<0.5	58.0	8	<0.1	<0.1	0.4	13	0.08	0.023
1022703	Soil	0.4	5.2	37.6	43	<0.1	5.0	2.7	456	1.24	1.7	14.5	<0.5	60.4	10	<0.1	0.2	1.6	16	0.10	0.011
1022704	Soil	0.9	8.6	38.6	37	<0.1	11.3	3.0	501	1.19	1.9	7.8	1.0	57.8	11	<0.1	0.2	1.3	16	0.15	0.011
1022702	Soil	0.3	6.7	31.2	41	<0.1	10.3	2.3	783	1.07	0.7	11.1	1.6	52.7	17	<0.1	0.1	1.8	14	0.45	0.018
1022705	Soil	0.8	32.0	21.4	64	<0.1	27.2	11.0	578	2.74	7.5	3.1	3.7	23.8	27	0.1	0.4	1.0	61	0.45	0.039
1022708	Soil	0.6	10.7	39.0	36	<0.1	10.8	6.0	309	1.53	3.7	3.1	4.1	32.2	17	<0.1	0.3	1.1	32	0.22	0.015
1022706	Soil	1.1	17.3	40.2	43	<0.1	13.5	3.9	562	1.40	2.9	6.4	3.0	57.9	12	<0.1	0.3	3.3	22	0.20	0.012

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Project: PED
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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022901	Soil	17	85	2.07	388	0.293	<1	2.86	0.017	0.53	<0.1	0.01	3.5	0.2	<0.05	9	<0.5	<0.2
1022911	Soil	7	19	2.18	667	0.408	<1	3.14	0.014	1.48	<0.1	<0.01	5.8	0.3	<0.05	12	<0.5	<0.2
1022913	Soil	5	36	1.50	379	0.184	1	2.32	0.026	0.53	<0.1	<0.01	11.0	0.2	<0.05	9	<0.5	<0.2
1022927	Soil	7	29	1.19	307	0.204	<1	2.17	0.010	0.46	0.1	0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1022922	Soil	11	90	2.16	314	0.296	<1	3.05	0.014	0.64	0.1	0.01	3.3	0.2	<0.05	9	<0.5	<0.2
1022920	Soil	13	23	0.61	217	0.097	<1	1.71	0.010	0.38	<0.1	0.01	3.2	0.2	0.07	6	<0.5	<0.2
1022915	Soil	9	46	0.71	222	0.098	1	2.05	0.012	0.06	0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1022923	Soil	8	26	0.42	305	0.058	1	1.42	0.010	0.09	0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1022926	Soil	6	54	1.17	400	0.166	1	2.00	0.013	0.19	<0.1	0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1022921	Soil	7	24	0.70	154	0.102	<1	1.69	0.008	0.15	0.1	<0.01	1.9	<0.1	<0.05	6	<0.5	<0.2
1021531	Soil	23	58	1.21	198	0.163	<1	2.43	0.014	0.22	0.1	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1021522	Soil	10	36	0.64	196	0.090	<1	2.17	0.010	0.08	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1021525	Soil	9	50	0.98	164	0.141	<1	2.50	0.016	0.07	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
1021516	Soil	12	42	0.71	167	0.110	1	2.54	0.012	0.09	0.1	0.03	3.3	0.1	<0.05	7	<0.5	<0.2
1021530	Soil	10	38	1.17	162	0.176	1	2.56	0.009	0.19	0.1	0.02	3.4	0.2	<0.05	8	<0.5	<0.2
1021523	Soil	17	31	0.65	211	0.097	<1	2.03	0.011	0.14	0.1	0.03	3.8	0.1	<0.05	6	<0.5	<0.2
1021515	Soil	16	38	0.61	197	0.086	1	2.11	0.010	0.07	0.1	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1021524	Soil	24	40	0.67	206	0.087	1	2.67	0.009	0.08	0.1	0.03	3.9	0.2	<0.05	7	<0.5	<0.2
1022734	Soil	26	7	0.28	97	0.018	<1	0.90	0.007	0.08	<0.1	<0.01	2.2	0.1	<0.05	3	<0.5	<0.2
1022732	Soil	25	16	0.28	91	0.008	<1	1.06	0.008	0.09	<0.1	0.02	2.2	0.1	<0.05	4	<0.5	<0.2
1022735	Soil	30	16	0.36	130	0.013	<1	1.17	0.006	0.14	0.2	0.01	3.3	0.2	<0.05	4	<0.5	<0.2
1021514	Soil	11	40	1.29	232	0.195	<1	2.47	0.011	0.19	<0.1	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1022731	Soil	22	31	0.43	94	0.050	<1	1.45	0.009	0.08	0.1	0.01	4.8	0.1	<0.05	4	<0.5	<0.2
1022729	Soil	33	7	0.20	46	0.005	<1	0.76	0.007	0.06	<0.1	<0.01	1.6	0.1	<0.05	3	<0.5	<0.2
1022703	Soil	22	9	0.20	31	0.005	<1	1.00	0.007	0.09	0.1	0.01	1.7	0.1	<0.05	4	<0.5	<0.2
1022704	Soil	24	15	0.22	44	0.005	<1	0.88	0.008	0.09	0.1	0.01	2.0	0.1	<0.05	3	<0.5	<0.2
1022702	Soil	20	8	0.22	48	0.009	<1	1.00	0.027	0.04	<0.1	<0.01	1.7	<0.1	<0.05	3	<0.5	<0.2
1022705	Soil	24	37	0.72	164	0.084	2	1.62	0.021	0.09	0.1	0.03	5.3	0.1	<0.05	5	<0.5	<0.2
1022708	Soil	14	19	0.29	98	0.036	<1	1.09	0.010	0.07	0.1	0.01	2.3	0.1	<0.05	3	<0.5	<0.2
1022706	Soil	24	18	0.27	65	0.019	<1	0.97	0.014	0.07	0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022730	Soil	0.6	12.9	34.2	61	<0.1	12.3	5.8	835	2.09	3.2	8.4	0.9	56.5	12	<0.1	0.2	0.9	32	0.15	0.030
1022707	Soil	0.8	35.5	9.5	67	0.1	29.5	11.1	470	2.57	9.6	0.8	3.3	5.9	48	0.3	0.8	0.3	55	1.53	0.085
1022728	Soil	0.5	4.8	45.1	55	<0.1	4.7	3.5	992	1.52	0.5	12.3	1.6	73.9	8	<0.1	<0.1	0.5	16	0.09	0.032
1022727	Soil	0.3	4.2	34.2	24	<0.1	3.3	2.1	441	0.84	<0.5	7.2	0.5	39.6	8	<0.1	<0.1	0.3	7	0.10	0.020
1022906	Soil	0.2	151.9	1.0	37	<0.1	94.8	24.4	348	2.55	1.1	0.1	<0.5	0.5	26	<0.1	<0.1	<0.1	80	0.87	0.186
1022907	Soil	0.5	71.7	24.2	113	<0.1	26.9	31.1	1085	7.40	3.2	0.5	1.1	2.9	36	<0.1	<0.1	<0.1	249	0.54	0.057
1022701	Soil	0.6	11.4	28.8	47	<0.1	11.1	5.3	527	1.83	3.4	4.4	<0.5	43.0	10	<0.1	0.3	1.6	33	0.10	0.018
1022726	Soil	0.7	29.7	7.1	64	<0.1	21.2	10.5	420	3.14	6.1	2.0	1.9	9.6	27	<0.1	0.3	0.1	62	0.37	0.054
1022910	Soil	0.4	35.9	2.8	129	<0.1	9.2	20.7	1102	6.54	2.8	0.2	<0.5	0.9	30	<0.1	0.1	<0.1	144	0.33	0.065
1022909	Soil	0.2	140.0	1.7	39	<0.1	82.1	48.4	361	4.33	2.4	<0.1	0.6	0.4	24	<0.1	<0.1	<0.1	201	0.62	0.022
1022903	Soil	0.6	64.5	6.2	98	<0.1	25.6	20.3	848	4.30	5.9	0.4	0.5	2.9	28	0.2	0.3	<0.1	117	0.46	0.074
1022905	Soil	1.5	171.7	3.9	74	0.4	10.0	6.4	180	3.99	2.3	0.3	2.6	1.3	43	<0.1	0.1	<0.1	72	0.31	0.084
1022713	Soil	1.1	5.3	53.2	43	<0.1	6.5	4.5	863	1.58	3.4	11.7	0.8	70.9	12	<0.1	0.3	0.8	25	0.16	0.034
1022714	Soil	0.7	9.1	83.7	38	<0.1	8.0	4.4	499	1.74	5.0	3.7	0.9	47.1	12	<0.1	0.3	0.8	24	0.12	0.016
1022725	Soil	1.0	9.9	56.7	65	<0.1	11.8	6.5	1291	2.17	2.4	8.9	0.8	99.0	8	0.1	0.3	2.0	34	0.29	0.063
1022712	Soil	0.6	3.1	57.8	26	<0.1	3.6	2.9	1139	0.86	1.2	3.0	<0.5	31.4	9	0.1	0.2	0.6	9	0.11	0.025
1022718	Soil	0.9	20.1	45.2	58	<0.1	16.8	6.7	730	2.15	5.6	7.9	2.7	53.1	15	<0.1	0.5	0.8	45	0.15	0.015
1021836	Soil	0.3	7.1	52.7	47	<0.1	6.6	4.3	1026	1.48	1.3	4.4	0.6	62.7	9	<0.1	0.2	1.7	18	0.30	0.047
1022719	Soil	1.0	18.1	33.8	51	<0.1	17.2	7.9	566	2.15	4.9	7.9	1.5	35.8	25	<0.1	0.3	0.4	49	0.33	0.027
1022720	Soil	0.8	12.9	31.6	52	<0.1	13.5	7.2	568	2.02	4.2	2.3	1.6	38.6	21	<0.1	0.3	0.3	40	0.33	0.046
1022717	Soil	1.2	10.7	28.6	54	<0.1	15.5	8.0	695	2.43	6.1	5.0	0.9	40.9	17	0.1	0.6	0.4	44	0.29	0.034
1022749	Soil	0.8	7.9	55.2	51	<0.1	10.7	4.9	1001	1.63	2.1	5.0	1.7	63.7	9	<0.1	0.3	1.7	21	0.28	0.050
1022723	Soil	0.7	34.9	9.9	49	0.1	27.8	10.3	427	2.35	10.0	0.8	3.7	6.6	63	0.1	0.6	0.2	55	3.23	0.045
1022716	Soil	1.0	20.3	26.4	55	<0.1	22.1	9.4	487	2.88	9.3	3.8	4.3	56.8	17	<0.1	0.5	0.3	64	0.21	0.019
1022710	Soil	0.5	4.2	59.7	45	<0.1	4.9	4.2	671	1.43	2.1	11.0	<0.5	64.1	11	0.1	0.2	2.7	16	0.18	0.048
1022722	Soil	1.9	18.1	25.8	51	<0.1	19.7	8.9	518	2.47	7.7	150.4	2.4	29.1	34	0.1	0.3	0.5	55	0.43	0.056
1022715	Soil	0.8	22.5	19.9	54	<0.1	24.7	9.6	385	2.71	8.7	3.8	3.1	18.6	22	<0.1	0.5	0.3	63	0.25	0.027
1022711	Soil	0.4	3.7	40.7	39	<0.1	4.0	3.3	491	1.24	2.5	5.2	3.7	59.1	7	<0.1	0.3	0.4	12	0.11	0.039
1022914	Soil	1.3	28.5	9.0	79	<0.1	22.2	14.7	928	3.31	6.1	0.4	1.0	1.8	31	0.2	0.4	0.1	97	0.37	0.044
1022919	Soil	1.6	36.0	8.4	113	<0.1	12.0	9.0	395	4.33	6.4	1.7	2.4	8.0	36	<0.1	0.3	0.1	70	0.24	0.025

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022730	Soil	31	20	0.43	82	0.033	<1	1.14	0.008	0.08	0.1	0.01	4.5	<0.1	<0.05	5	<0.5	<0.2
1022707	Soil	14	30	0.78	270	0.081	2	1.24	0.031	0.10	0.2	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1022728	Soil	42	8	0.27	56	0.005	<1	0.88	0.008	0.06	<0.1	<0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1022727	Soil	15	5	0.12	75	0.002	<1	0.59	0.006	0.08	<0.1	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2
1022906	Soil	2	164	1.59	119	0.145	<1	1.89	0.063	0.21	<0.1	<0.01	4.6	<0.1	<0.05	4	<0.5	<0.2
1022907	Soil	10	59	3.32	332	0.231	<1	3.88	0.022	0.32	0.1	<0.01	16.2	0.1	<0.05	14	<0.5	<0.2
1022701	Soil	26	20	0.35	53	0.024	<1	1.32	0.008	0.13	0.2	<0.01	3.9	0.1	<0.05	5	<0.5	<0.2
1022726	Soil	31	34	0.66	193	0.098	<1	1.79	0.013	0.12	<0.1	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1022910	Soil	2	17	2.53	699	0.446	<1	3.81	0.013	1.97	<0.1	<0.01	8.5	0.5	<0.05	12	<0.5	<0.2
1022909	Soil	2	122	4.56	805	0.293	<1	3.96	0.028	1.77	<0.1	<0.01	6.6	0.3	<0.05	6	<0.5	<0.2
1022903	Soil	9	40	1.89	364	0.248	1	3.10	0.019	0.43	0.1	0.01	4.4	0.2	<0.05	8	<0.5	<0.2
1022905	Soil	6	18	0.78	247	0.092	<1	1.62	0.090	0.26	<0.1	0.01	3.5	0.1	0.50	5	1.3	0.3
1022713	Soil	45	14	0.34	72	0.013	<1	1.14	0.007	0.06	0.1	<0.01	3.7	0.2	<0.05	4	<0.5	<0.2
1022714	Soil	25	15	0.24	105	0.009	<1	1.30	0.009	0.04	0.4	<0.01	3.7	0.1	<0.05	4	<0.5	<0.2
1022725	Soil	58	19	0.58	59	0.033	<1	1.37	0.008	0.21	0.2	0.01	5.2	0.7	<0.05	7	<0.5	<0.2
1022712	Soil	22	5	0.17	66	0.002	<1	0.69	0.006	0.05	0.3	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1022718	Soil	38	27	0.47	100	0.046	<1	1.59	0.009	0.07	0.2	0.04	5.5	0.2	<0.05	6	<0.5	<0.2
1021836	Soil	39	8	0.48	28	0.007	<1	1.16	0.004	0.10	0.2	0.02	3.1	0.4	<0.05	6	<0.5	<0.2
1022719	Soil	24	29	0.48	155	0.052	<1	1.78	0.016	0.08	0.1	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1022720	Soil	22	22	0.51	149	0.034	<1	1.43	0.011	0.10	0.1	0.01	3.5	0.3	<0.05	6	<0.5	<0.2
1022717	Soil	31	26	0.51	102	0.026	<1	1.71	0.009	0.08	0.3	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1022749	Soil	38	13	0.46	36	0.007	<1	1.20	0.005	0.10	0.3	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
1022723	Soil	14	29	0.66	238	0.083	2	1.29	0.035	0.08	0.1	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
1022716	Soil	25	38	0.52	182	0.057	<1	2.15	0.011	0.06	0.2	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1022710	Soil	40	8	0.28	61	0.004	<1	1.02	0.007	0.06	0.2	<0.01	2.7	0.1	<0.05	4	<0.5	<0.2
1022722	Soil	23	33	0.46	120	0.071	<1	1.44	0.015	0.08	0.3	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1022715	Soil	26	38	0.56	236	0.072	<1	1.84	0.012	0.06	0.2	0.04	6.1	<0.1	<0.05	5	<0.5	<0.2
1022711	Soil	32	7	0.18	44	0.002	<1	0.81	0.006	0.04	0.2	<0.01	2.4	<0.1	<0.05	2	<0.5	<0.2
1022914	Soil	6	37	0.68	344	0.102	2	2.17	0.019	0.07	0.1	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
1022919	Soil	39	23	1.03	381	0.153	<1	2.26	0.019	0.38	<0.1	0.01	6.0	0.2	0.11	9	0.6	<0.2

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Project: PED
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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022917	Soil	0.9	48.9	8.8	70	0.1	15.3	12.7	545	3.74	3.8	0.4	1.2	1.8	32	0.1	0.3	0.1	104	0.47	0.037
1022916	Soil	0.9	60.9	9.7	71	<0.1	22.7	17.8	531	4.23	5.5	0.6	1.2	4.0	21	<0.1	0.4	0.1	125	0.36	0.036
1022918	Soil	1.3	30.2	6.7	109	<0.1	9.7	8.3	431	4.06	3.9	1.7	<0.5	8.0	36	<0.1	0.3	0.1	61	0.24	0.024
1030955	Soil	0.7	40.4	6.0	53	<0.1	18.4	12.1	362	2.95	6.0	0.4	<0.5	2.3	15	<0.1	0.4	<0.1	77	0.24	0.038
1030954	Soil	0.6	47.5	5.3	31	<0.1	22.5	14.3	211	1.80	5.2	0.3	0.6	1.9	12	<0.1	0.3	<0.1	42	0.24	0.044
1030964	Soil	1.3	22.8	8.1	55	<0.1	22.9	15.2	412	3.07	5.4	0.6	1.4	5.7	28	<0.1	0.5	0.1	65	0.44	0.035
1030957	Soil	0.4	85.3	1.0	53	<0.1	17.8	21.4	293	3.84	1.1	0.2	<0.5	0.8	13	<0.1	<0.1	<0.1	134	0.40	0.096
1030962	Soil	0.6	30.9	3.5	69	<0.1	15.4	18.3	687	3.50	2.5	0.5	1.1	5.5	28	<0.1	0.2	<0.1	77	0.48	0.066
1030965	Soil	0.4	40.1	2.6	57	<0.1	27.4	18.4	445	3.56	4.1	0.3	<0.5	4.3	26	<0.1	0.2	<0.1	72	0.65	0.106
1030958	Soil	0.3	28.5	8.6	13	<0.1	3.5	1.5	106	0.55	1.2	0.1	<0.5	0.5	56	<0.1	<0.1	<0.1	8	0.70	0.014
1030967	Soil	0.4	61.1	3.1	57	<0.1	21.1	20.6	452	4.17	5.1	0.5	<0.5	3.8	29	<0.1	0.3	<0.1	124	0.70	0.070
1030963	Soil	0.7	35.1	4.1	70	<0.1	27.1	16.5	636	3.83	4.3	1.0	1.8	8.6	34	<0.1	0.4	<0.1	74	0.59	0.043
1030956	Soil	0.2	50.4	2.1	31	<0.1	15.6	13.9	236	1.99	2.4	0.2	<0.5	0.9	6	<0.1	0.1	<0.1	59	0.29	0.052
1030953	Soil	0.7	23.3	5.8	61	<0.1	20.8	12.4	330	2.95	7.3	0.6	2.0	3.8	23	<0.1	0.5	0.1	68	0.30	0.067
1030982	Soil	0.9	41.4	7.5	69	<0.1	29.1	15.2	504	3.37	7.2	1.0	2.6	4.2	33	<0.1	0.4	0.1	77	0.41	0.030
1009828	Soil	0.8	20.2	7.0	54	<0.1	19.5	8.9	248	2.53	6.1	0.7	2.8	2.0	21	<0.1	0.4	0.1	60	0.25	0.052
1030987	Soil	0.9	18.7	8.7	52	<0.1	17.7	9.0	256	2.90	6.9	0.6	1.0	2.7	18	<0.1	0.4	0.1	72	0.20	0.026
1009840	Soil	1.2	27.4	9.4	56	<0.1	24.3	10.7	280	3.32	10.1	0.6	0.6	2.3	19	0.1	0.6	0.2	72	0.20	0.033
1009834	Soil	1.1	20.1	9.0	52	<0.1	21.5	10.2	276	3.23	8.6	0.5	2.4	2.2	25	0.2	0.5	0.2	69	0.21	0.042
1009833	Soil	1.0	34.1	7.8	67	<0.1	24.8	12.6	459	3.08	8.3	0.8	3.8	3.9	25	<0.1	0.5	0.2	66	0.29	0.058
1030974	Soil	0.7	26.6	6.7	55	<0.1	25.2	11.9	347	3.05	5.7	0.6	1.0	2.8	20	<0.1	0.4	0.1	69	0.25	0.045
1009839	Soil	0.8	21.4	6.4	72	<0.1	22.4	15.1	499	3.48	5.9	0.4	0.6	2.5	22	<0.1	0.4	0.1	77	0.24	0.047
1009841	Soil	1.0	26.5	8.1	53	<0.1	24.2	10.0	290	3.11	9.2	0.6	0.8	2.2	20	<0.1	0.5	0.2	71	0.24	0.043
1009830	Soil	0.6	30.1	6.0	61	<0.1	20.2	10.3	279	2.61	4.5	0.7	9.0	2.9	28	<0.1	0.3	0.1	62	0.35	0.057
1009832	Soil	0.9	37.0	7.4	65	<0.1	25.0	12.2	354	3.13	7.0	0.7	2.4	3.1	27	<0.1	0.4	0.1	70	0.31	0.050
1030972	Soil	0.8	33.8	5.3	67	<0.1	23.0	15.1	386	3.68	5.8	0.5	1.4	3.1	14	<0.1	0.4	0.1	87	0.22	0.045
1030980	Soil	0.8	22.9	8.6	59	<0.1	24.6	12.0	322	3.13	9.2	0.6	1.6	3.6	18	<0.1	0.5	0.2	68	0.21	0.027
1030976	Soil	1.4	19.5	8.4	33	<0.1	10.0	6.0	206	2.14	6.0	0.4	1.2	0.8	17	<0.1	0.4	0.2	88	0.16	0.034
1009836	Soil	0.8	24.9	7.8	52	<0.1	22.6	10.6	263	2.58	5.2	0.6	1.3	2.2	21	<0.1	0.4	0.1	61	0.25	0.047
1030968	Soil	0.6	29.2	4.6	81	<0.1	21.2	19.1	495	4.25	5.1	0.4	<0.5	2.4	21	<0.1	0.3	<0.1	105	0.29	0.046

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022917	Soil	6	29	0.97	178	0.164	1	2.12	0.026	0.13	0.1	0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
1022916	Soil	11	42	1.21	220	0.215	2	2.50	0.024	0.26	0.1	0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1022918	Soil	35	18	0.98	378	0.153	<1	2.05	0.015	0.42	<0.1	0.02	5.8	0.2	0.05	8	0.8	<0.2
1030955	Soil	6	27	0.88	183	0.140	<1	2.14	0.014	0.22	0.1	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1030954	Soil	4	29	0.38	106	0.064	<1	1.46	0.015	0.04	<0.1	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
1030964	Soil	11	39	0.77	256	0.168	<1	2.00	0.013	0.20	0.1	0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1030957	Soil	4	32	2.26	335	0.241	<1	2.87	0.037	0.71	<0.1	<0.01	3.9	0.2	<0.05	8	<0.5	<0.2
1030962	Soil	12	28	1.63	258	0.256	<1	2.45	0.009	0.87	<0.1	<0.01	2.1	0.2	<0.05	6	<0.5	<0.2
1030965	Soil	5	52	1.63	231	0.284	<1	2.75	0.024	0.50	<0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1030958	Soil	1	6	0.20	110	0.017	<1	1.84	0.008	0.13	<0.1	<0.01	0.8	<0.1	<0.05	4	<0.5	<0.2
1030967	Soil	6	21	1.29	155	0.170	1	2.57	0.033	0.15	0.1	0.01	6.7	<0.1	<0.05	7	<0.5	<0.2
1030963	Soil	20	43	1.33	186	0.252	<1	2.28	0.014	0.39	<0.1	0.04	4.3	0.1	<0.05	8	<0.5	<0.2
1030956	Soil	3	20	0.99	150	0.113	<1	1.49	0.037	0.26	<0.1	<0.01	2.5	<0.1	<0.05	4	<0.5	<0.2
1030953	Soil	13	32	0.99	205	0.137	<1	1.99	0.012	0.27	0.2	<0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1030982	Soil	16	43	0.92	365	0.138	<1	2.25	0.015	0.08	0.1	0.02	6.1	<0.1	<0.05	7	<0.5	<0.2
1009828	Soil	11	31	0.62	149	0.091	<1	1.91	0.010	0.06	0.1	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1030987	Soil	10	30	0.60	182	0.122	<1	2.13	0.012	0.05	0.1	0.01	2.9	0.1	<0.05	7	0.6	<0.2
1009840	Soil	11	36	0.64	190	0.081	<1	2.25	0.011	0.06	0.2	0.03	3.2	0.1	<0.05	7	<0.5	<0.2
1009834	Soil	9	32	0.58	160	0.089	2	2.30	0.011	0.07	0.2	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
1009833	Soil	12	35	0.73	250	0.111	<1	2.19	0.010	0.11	0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1030974	Soil	11	36	0.81	209	0.124	1	2.25	0.010	0.10	0.1	0.02	3.0	0.1	<0.05	6	0.5	<0.2
1009839	Soil	7	26	0.92	146	0.175	<1	2.15	0.011	0.19	<0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1009841	Soil	11	36	0.62	207	0.075	<1	2.24	0.010	0.06	0.1	0.03	3.8	<0.1	<0.05	7	<0.5	<0.2
1009830	Soil	11	28	0.79	206	0.133	<1	1.84	0.013	0.12	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1009832	Soil	11	35	0.82	233	0.125	<1	2.27	0.011	0.10	0.2	0.02	3.5	0.1	<0.05	6	<0.5	<0.2
1030972	Soil	7	28	1.02	276	0.205	1	2.92	0.014	0.26	<0.1	0.03	3.0	0.1	<0.05	8	<0.5	<0.2
1030980	Soil	10	36	0.69	233	0.091	1	2.22	0.011	0.07	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1030976	Soil	7	16	0.37	97	0.112	<1	1.24	0.008	0.05	<0.1	<0.01	2.1	<0.1	<0.05	9	<0.5	<0.2
1009836	Soil	10	31	0.73	191	0.111	<1	1.91	0.010	0.11	0.1	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
1030968	Soil	6	23	1.58	313	0.241	<1	3.02	0.014	0.28	<0.1	0.01	2.7	0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030960	Soil	0.7	31.8	5.1	73	<0.1	11.6	13.0	273	3.81	2.3	0.6	<0.5	2.5	41	<0.1	0.1	<0.1	108	0.35	0.059
1030959	Soil	0.6	27.1	4.7	75	<0.1	12.2	13.6	277	3.81	2.1	0.5	<0.5	1.9	37	<0.1	0.1	<0.1	107	0.36	0.067
1030952	Soil	0.8	52.0	9.6	118	<0.1	19.9	16.8	349	4.01	4.2	0.6	1.1	3.1	13	<0.1	0.2	<0.1	121	0.26	0.034
1030966	Soil	0.4	63.9	2.2	50	<0.1	15.1	19.0	391	3.79	3.5	0.4	<0.5	3.3	24	<0.1	0.2	<0.1	120	0.69	0.090
1030951	Soil	0.5	28.9	5.0	71	<0.1	28.5	20.5	655	3.74	4.3	0.7	1.0	3.1	25	<0.1	0.3	<0.1	101	0.36	0.047
1030961	Soil	0.6	24.2	5.9	55	<0.1	25.8	13.9	452	2.94	6.7	0.5	1.8	5.3	19	<0.1	0.4	<0.1	67	0.35	0.047
1009835	Soil	0.7	26.2	6.2	57	<0.1	24.0	12.3	372	2.86	6.7	0.4	3.4	2.4	24	<0.1	0.4	0.1	65	0.26	0.039
1009838	Soil	0.6	28.8	5.6	65	<0.1	35.1	17.0	439	3.08	6.3	0.4	<0.5	2.5	35	<0.1	0.3	0.1	67	0.32	0.034
1030986	Soil	0.7	30.4	5.5	61	<0.1	19.3	12.2	389	2.92	5.0	0.7	4.7	2.9	25	<0.1	0.3	<0.1	70	0.34	0.029
1030969	Soil	1.0	28.9	8.1	63	<0.1	28.2	13.0	337	3.22	8.8	0.6	1.9	3.7	17	0.1	0.6	0.1	72	0.17	0.032
1009837	Soil	0.9	29.3	8.9	73	<0.1	31.6	18.0	410	3.29	8.8	0.6	2.3	3.4	24	0.2	0.5	0.1	72	0.19	0.034
1030978	Soil	0.5	28.9	5.8	55	<0.1	28.8	14.0	427	3.25	2.2	0.5	2.1	3.5	6	<0.1	0.3	<0.1	53	0.08	0.021
1030981	Soil	0.8	41.9	7.7	61	<0.1	25.5	12.2	392	2.92	8.6	0.9	2.7	3.9	24	<0.1	0.5	0.1	70	0.30	0.026
1030983	Soil	0.8	39.8	6.8	74	<0.1	26.0	15.1	536	3.35	7.4	1.4	3.2	5.4	30	<0.1	0.4	<0.1	76	0.40	0.040
1030985	Soil	1.1	34.8	8.4	62	<0.1	27.0	12.6	434	3.04	10.5	1.2	2.5	4.7	26	<0.1	0.5	0.1	71	0.29	0.031
1030984	Soil	0.7	26.5	6.2	64	<0.1	25.3	15.3	482	2.98	6.7	0.7	2.5	3.6	28	<0.1	0.3	<0.1	71	0.33	0.032
1029513	Soil	1.1	22.0	14.7	65	<0.1	15.6	10.2	682	2.68	4.9	1.6	2.0	21.7	20	0.1	0.4	0.2	39	0.24	0.036
1029509	Soil	1.1	31.8	6.8	92	<0.1	13.8	25.1	1088	5.80	11.6	1.8	2.3	17.0	16	<0.1	0.6	<0.1	139	0.32	0.071
1029507	Soil	0.9	34.6	8.5	67	0.1	30.0	14.6	663	3.37	8.0	0.7	3.0	7.3	37	<0.1	0.6	0.1	71	0.57	0.060
1029504	Soil	2.1	288.0	5.1	68	<0.1	18.9	19.5	580	3.97	6.9	0.8	2.3	3.7	19	<0.1	0.3	<0.1	91	0.39	0.065
1009771	Soil	0.6	26.5	14.1	119	<0.1	17.1	28.3	979	5.64	10.9	0.7	<0.5	5.0	55	0.2	0.6	<0.1	121	0.62	0.060
1009772	Soil	0.2	22.6	3.4	69	<0.1	15.5	17.5	455	3.74	5.3	0.9	<0.5	11.4	24	<0.1	0.2	<0.1	96	0.55	0.072
1009770	Soil	0.4	24.1	5.3	80	<0.1	16.8	23.9	737	4.99	7.0	0.6	1.1	6.0	32	<0.1	0.4	<0.1	112	0.39	0.035
1029503	Soil	1.0	29.4	7.8	56	<0.1	21.7	11.7	387	2.90	9.7	0.5	1.5	3.3	19	<0.1	0.6	0.1	73	0.25	0.034
1029511	Soil	1.1	24.5	7.4	52	<0.1	23.7	11.4	383	2.87	8.6	0.7	2.5	5.6	23	<0.1	0.5	0.1	59	0.31	0.045
1029502	Soil	3.9	56.9	4.8	96	<0.1	18.8	27.0	828	5.82	6.0	1.3	<0.5	6.5	32	<0.1	0.6	<0.1	146	0.51	0.043
1029506	Soil	0.9	26.7	6.7	86	<0.1	19.3	15.7	933	3.77	6.3	0.5	0.7	2.9	24	0.1	0.4	<0.1	99	0.65	0.057
1029505	Soil	0.9	74.4	7.8	94	<0.1	19.7	17.0	716	4.95	7.8	1.2	6.8	20.3	31	<0.1	0.5	<0.1	120	0.53	0.032
1029521	Soil	0.7	15.4	9.2	65	<0.1	19.1	16.6	545	3.65	7.5	0.6	2.0	4.3	31	<0.1	0.5	<0.1	78	0.34	0.042
1029524	Soil	0.6	21.6	6.1	70	<0.1	17.8	17.2	603	3.98	5.9	1.1	1.2	7.9	25	<0.1	0.3	<0.1	89	0.46	0.076

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030960	Soil	6	23	1.27	471	0.203	<1	2.68	0.033	0.98	<0.1	<0.01	4.3	0.3	0.07	7	<0.5	<0.2
1030959	Soil	5	24	1.35	474	0.219	<1	2.67	0.028	1.03	<0.1	<0.01	3.9	0.3	0.05	7	<0.5	<0.2
1030952	Soil	10	34	1.51	199	0.193	<1	2.86	0.016	0.21	<0.1	0.01	4.9	<0.1	<0.05	9	<0.5	<0.2
1030966	Soil	6	13	1.09	126	0.137	<1	2.17	0.034	0.12	<0.1	<0.01	6.0	<0.1	<0.05	6	<0.5	<0.2
1030951	Soil	14	41	1.79	388	0.264	<1	2.74	0.015	0.78	<0.1	0.01	3.8	0.3	<0.05	7	<0.5	<0.2
1030961	Soil	16	39	0.95	163	0.136	1	1.83	0.010	0.40	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
1009835	Soil	8	31	0.75	146	0.109	1	1.86	0.011	0.08	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1009838	Soil	8	44	1.08	197	0.140	1	2.48	0.014	0.10	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1030986	Soil	12	30	0.83	256	0.142	<1	1.91	0.013	0.10	0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1030969	Soil	10	39	0.77	203	0.112	1	2.42	0.008	0.09	0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1009837	Soil	9	37	0.85	183	0.138	4	2.69	0.010	0.12	0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1030978	Soil	8	32	0.99	134	0.008	<1	2.35	0.008	0.10	<0.1	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1030981	Soil	14	39	0.75	310	0.099	<1	1.99	0.012	0.06	0.1	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
1030983	Soil	17	38	0.93	358	0.149	<1	2.24	0.015	0.09	0.1	0.03	5.6	<0.1	<0.05	7	<0.5	<0.2
1030985	Soil	17	40	0.68	318	0.095	<1	2.14	0.012	0.07	0.1	0.05	5.4	0.1	<0.05	6	<0.5	<0.2
1030984	Soil	12	33	0.90	240	0.140	<1	1.91	0.014	0.07	0.1	0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1029513	Soil	29	36	0.64	229	0.027	<1	1.38	0.008	0.13	<0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1029509	Soil	45	27	0.97	215	0.058	2	1.95	0.006	0.31	<0.1	0.03	15.8	<0.1	<0.05	7	<0.5	<0.2
1029507	Soil	21	44	0.71	321	0.147	1	2.14	0.016	0.07	0.2	0.06	5.5	<0.1	<0.05	7	<0.5	<0.2
1029504	Soil	13	32	1.22	234	0.230	<1	2.27	0.012	0.78	0.5	0.03	4.9	0.3	<0.05	7	<0.5	<0.2
1009771	Soil	11	35	2.40	367	0.341	1	3.17	0.013	0.83	<0.1	<0.01	4.9	0.2	<0.05	10	<0.5	<0.2
1009772	Soil	29	33	1.88	164	0.187	<1	2.34	0.023	0.29	<0.1	<0.01	6.0	0.1	<0.05	9	<0.5	<0.2
1009770	Soil	15	30	1.98	261	0.291	<1	3.02	0.010	1.04	<0.1	<0.01	3.2	0.3	<0.05	8	<0.5	<0.2
1029503	Soil	9	38	0.76	184	0.113	1	1.93	0.010	0.13	0.2	0.01	2.7	0.1	<0.05	5	<0.5	<0.2
1029511	Soil	11	36	0.64	186	0.071	2	1.80	0.010	0.07	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1029502	Soil	9	43	2.05	331	0.293	2	3.25	0.013	1.11	0.1	<0.01	7.2	0.4	<0.05	10	<0.5	<0.2
1029506	Soil	8	38	0.90	262	0.126	<1	1.87	0.039	0.08	0.1	0.01	5.7	<0.1	<0.05	7	<0.5	<0.2
1029505	Soil	32	33	1.26	306	0.239	<1	2.52	0.016	0.17	0.1	0.02	6.7	0.1	<0.05	9	0.5	<0.2
1029521	Soil	10	30	1.19	212	0.134	3	2.11	0.008	0.21	<0.1	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
1029524	Soil	20	34	1.30	272	0.147	1	2.33	0.009	0.58	<0.1	0.03	5.4	0.2	<0.05	7	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029523	Soil		0.8	29.6	6.9	79	<0.1	23.9	20.2	1009	3.92	7.7	0.5	2.6	6.0	39	0.1	0.5	<0.1	89	0.56	0.075
1029522	Soil		1.0	41.5	9.0	73	<0.1	45.2	22.6	732	4.64	7.9	1.5	<0.5	8.2	30	<0.1	0.4	<0.1	120	0.49	0.073
1030970	Soil		0.7	18.4	5.6	56	<0.1	45.2	14.7	356	2.84	7.1	0.5	0.6	2.9	16	<0.1	0.3	<0.1	64	0.35	0.105
1009829	Soil		0.6	25.6	6.4	62	<0.1	21.9	11.0	343	2.72	6.8	0.7	1.9	3.2	27	<0.1	0.4	0.1	67	0.36	0.061
1030973	Soil		0.7	37.7	4.7	72	<0.1	25.0	17.1	432	3.94	7.4	0.4	0.5	2.9	13	<0.1	0.3	<0.1	97	0.24	0.048
1030979	Soil		1.0	27.2	8.7	54	<0.1	21.8	10.0	277	2.81	9.0	0.7	2.1	3.0	18	<0.1	0.4	0.1	69	0.22	0.040
1030977	Soil		0.7	56.9	4.2	72	<0.1	22.8	17.8	364	3.87	6.6	0.3	<0.5	1.5	26	0.1	0.3	<0.1	101	0.54	0.070
1009831	Soil		0.6	28.7	5.7	60	<0.1	19.6	10.8	321	2.54	6.0	0.6	1.4	2.5	27	<0.1	0.3	<0.1	66	0.33	0.058
1030971	Soil		0.5	38.3	6.0	57	<0.1	21.5	11.0	407	2.68	5.6	0.6	4.4	2.5	25	<0.1	0.3	<0.1	66	0.32	0.048
1030975	Soil		1.0	20.5	6.9	54	<0.1	16.3	10.1	280	3.05	7.0	0.4	<0.5	1.6	18	<0.1	0.3	0.1	88	0.20	0.034
1009769	Soil		0.7	30.6	6.2	55	<0.1	23.4	10.5	293	2.57	7.8	0.5	3.7	4.4	19	<0.1	0.6	0.1	58	0.26	0.035
1009768	Soil		0.3	38.8	5.8	106	<0.1	16.5	20.8	974	4.79	3.1	0.6	2.4	3.8	23	<0.1	0.2	<0.1	127	0.62	0.072
1009767	Soil		0.5	28.8	3.6	55	<0.1	18.1	12.3	523	2.77	4.6	0.4	31.6	3.3	21	<0.1	0.4	<0.1	71	0.43	0.080
1029520	Soil		1.5	30.8	3.8	72	<0.1	10.0	21.4	1037	5.31	7.5	1.7	1.3	12.6	15	<0.1	0.2	<0.1	127	0.58	0.096
1029518	Soil		0.7	14.5	4.7	78	<0.1	12.6	21.2	876	5.00	6.5	1.4	5.4	10.6	17	<0.1	0.2	<0.1	108	0.44	0.087
1029501	Soil		0.9	31.6	4.6	63	<0.1	17.0	14.0	534	3.74	5.3	0.6	1.1	5.0	26	<0.1	0.4	<0.1	79	0.50	0.053
1029512	Soil		0.9	29.2	4.7	60	<0.1	17.2	13.2	544	3.59	5.8	0.6	1.0	4.8	25	<0.1	0.4	<0.1	78	0.47	0.052
1029508	Soil		0.6	21.0	4.1	107	<0.1	15.1	26.4	955	5.31	4.3	0.6	0.8	6.5	47	<0.1	0.2	<0.1	115	0.68	0.061
1029515	Soil		0.9	15.8	7.6	60	<0.1	20.9	13.2	411	3.45	10.7	0.4	3.1	3.1	23	<0.1	0.6	0.1	81	0.28	0.032
1029519	Soil		0.6	15.2	4.4	95	<0.1	15.9	19.0	676	3.98	5.6	0.4	2.0	4.6	31	<0.1	0.3	<0.1	88	0.37	0.042
1029514	Soil		0.6	15.2	4.9	79	<0.1	13.6	20.7	890	4.99	7.4	1.3	1.4	9.9	19	<0.1	0.2	<0.1	111	0.48	0.092
1009870	Soil		0.9	15.8	6.5	50	<0.1	21.6	8.3	316	2.42	8.6	0.4	1.8	2.5	22	<0.1	0.6	0.1	62	0.23	0.037
1009862	Soil		0.5	18.4	6.0	74	<0.1	22.0	18.3	821	4.25	8.4	1.1	1.5	10.0	26	<0.1	0.4	0.1	98	0.44	0.048
1009866	Soil		0.6	36.9	6.5	62	<0.1	11.7	13.3	550	3.34	6.1	1.4	1.5	10.8	16	<0.1	0.3	0.3	64	0.19	0.027
1009876	Soil		0.7	14.0	6.4	76	<0.1	20.2	17.4	739	3.72	6.9	0.4	1.2	4.5	25	0.1	0.4	0.1	75	0.30	0.030
1009861	Soil		0.7	27.6	4.4	95	<0.1	18.8	21.4	561	4.56	4.8	0.4	0.6	3.2	27	<0.1	0.3	<0.1	117	0.44	0.036
1009875	Soil		0.4	18.8	14.6	74	<0.1	16.2	17.8	673	4.28	7.9	1.4	0.9	13.9	53	<0.1	0.3	0.1	98	0.85	0.068
1009874	Soil		0.9	10.9	6.4	62	<0.1	14.8	12.1	815	3.25	6.5	0.5	1.0	3.7	20	<0.1	0.4	0.1	73	0.28	0.038
1009877	Soil		0.5	34.3	3.8	71	<0.1	13.0	17.6	638	4.29	3.7	0.4	<0.5	2.5	31	<0.1	0.2	<0.1	102	0.65	0.102
1009865	Soil		0.8	17.5	6.3	74	<0.1	17.9	12.8	577	3.14	7.4	0.4	0.7	3.4	20	0.1	0.4	0.1	74	0.22	0.038

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029523	Soil	16	33	1.29	376	0.203	<1	2.39	0.015	0.54	0.1	0.04	4.4	0.2	<0.05	7	<0.5	<0.2
1029522	Soil	13	110	1.89	248	0.169	1	2.68	0.010	0.21	0.2	0.02	7.4	0.1	<0.05	8	<0.5	<0.2
1030970	Soil	8	60	0.95	170	0.135	1	1.87	0.015	0.20	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1009829	Soil	12	33	0.78	240	0.120	<1	1.87	0.012	0.08	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1030973	Soil	7	30	1.13	292	0.218	<1	2.99	0.012	0.30	<0.1	0.02	2.9	0.1	<0.05	9	<0.5	<0.2
1030979	Soil	12	35	0.59	220	0.073	<1	1.92	0.010	0.05	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1030977	Soil	4	26	1.32	207	0.195	<1	2.58	0.028	0.13	<0.1	0.02	3.1	<0.1	<0.05	8	<0.5	<0.2
1009831	Soil	11	30	0.75	197	0.122	<1	1.80	0.011	0.11	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1030971	Soil	12	38	0.77	323	0.104	<1	1.71	0.013	0.08	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1030975	Soil	7	29	0.80	139	0.129	<1	1.82	0.008	0.08	<0.1	0.02	2.1	<0.1	<0.05	8	<0.5	<0.2
1009769	Soil	11	33	0.73	196	0.109	2	1.50	0.008	0.24	0.1	0.01	2.4	0.1	<0.05	4	<0.5	<0.2
1009768	Soil	10	31	1.84	296	0.355	<1	2.82	0.016	1.23	0.1	0.01	4.4	0.4	<0.05	9	<0.5	<0.2
1009767	Soil	12	25	1.05	314	0.164	<1	1.58	0.011	0.47	0.1	0.01	2.9	0.2	<0.05	5	<0.5	<0.2
1029520	Soil	32	20	1.55	279	0.173	3	2.47	0.008	0.73	<0.1	0.01	13.8	0.3	<0.05	9	<0.5	<0.2
1029518	Soil	12	22	1.64	285	0.154	2	2.48	0.007	0.85	<0.1	<0.01	6.6	0.2	<0.05	8	<0.5	<0.2
1029501	Soil	13	28	1.27	248	0.145	2	2.38	0.010	0.50	0.1	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1029512	Soil	12	28	1.20	248	0.144	<1	2.30	0.009	0.47	0.1	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1029508	Soil	15	33	2.34	340	0.350	<1	3.35	0.009	1.12	<0.1	<0.01	2.8	0.3	<0.05	9	<0.5	<0.2
1029515	Soil	8	33	0.89	255	0.129	<1	2.09	0.009	0.22	0.1	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
1029519	Soil	9	28	1.53	275	0.236	<1	2.61	0.008	0.71	<0.1	<0.01	2.2	0.3	<0.05	7	<0.5	<0.2
1029514	Soil	11	24	1.54	282	0.151	2	2.46	0.007	0.80	<0.1	<0.01	6.6	0.2	<0.05	8	<0.5	<0.2
1009870	Soil	8	43	0.50	211	0.052	<1	1.72	0.008	0.04	<0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
1009862	Soil	13	34	1.67	296	0.254	1	2.85	0.009	0.56	0.1	0.01	4.5	0.2	<0.05	10	<0.5	<0.2
1009866	Soil	9	24	0.95	217	0.029	<1	2.08	0.005	0.17	<0.1	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1009876	Soil	7	35	1.26	215	0.099	<1	2.43	0.007	0.11	<0.1	0.02	2.2	<0.1	<0.05	7	<0.5	<0.2
1009861	Soil	5	38	1.60	218	0.217	<1	2.78	0.014	0.31	<0.1	0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
1009875	Soil	34	22	1.39	149	0.302	3	3.12	0.010	0.09	0.2	<0.01	3.7	<0.1	<0.05	10	<0.5	<0.2
1009874	Soil	8	26	0.89	285	0.084	<1	2.02	0.008	0.07	0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
1009877	Soil	8	24	1.50	318	0.244	<1	2.62	0.022	0.45	<0.1	0.01	3.8	0.1	<0.05	8	<0.5	<0.2
1009865	Soil	9	30	0.82	194	0.089	<1	2.19	0.008	0.10	0.1	0.02	2.4	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1009873	Soil	0.7	21.5	6.0	79	<0.1	22.5	16.7	625	4.81	9.3	0.8	1.1	7.8	27	<0.1	0.6	0.1	100	0.28	0.033
1009853	Soil	0.5	52.4	5.5	54	<0.1	19.2	15.3	339	3.36	6.3	0.6	2.6	3.4	16	<0.1	0.3	0.1	94	0.30	0.062
1009851	Soil	0.5	60.8	4.1	68	<0.1	20.2	15.9	443	3.80	5.2	0.4	1.4	2.5	44	<0.1	0.3	<0.1	96	0.34	0.036
1009878	Soil	1.1	37.0	5.6	69	<0.1	24.9	13.4	429	3.30	6.0	1.0	2.1	6.6	18	<0.1	0.3	<0.1	68	0.27	0.030
1009868	Soil	0.5	10.2	6.1	79	<0.1	19.2	15.5	675	4.32	7.5	1.0	1.5	12.9	31	<0.1	0.4	<0.1	87	0.30	0.065
1009852	Soil	0.7	79.6	5.6	50	0.1	24.5	15.5	299	2.94	5.7	0.4	1.8	1.9	16	<0.1	0.4	<0.1	83	0.32	0.028
1009872	Soil	0.9	22.8	7.3	63	<0.1	25.2	11.2	532	3.31	8.4	0.7	1.0	8.9	15	<0.1	0.5	0.1	67	0.20	0.040
1009879	Soil	0.3	24.4	3.2	77	<0.1	10.1	14.5	688	3.49	2.1	0.6	0.6	4.7	14	<0.1	0.1	<0.1	90	0.26	0.043
1009863	Soil	0.8	55.9	5.9	92	<0.1	11.2	13.9	1158	4.16	6.0	0.8	1.8	11.9	14	0.1	0.3	0.1	95	0.20	0.107
1009864	Soil	0.5	170.4	5.6	92	<0.1	13.6	13.0	656	3.74	5.2	1.3	1.9	13.3	19	<0.1	0.3	0.2	80	0.21	0.022
1009869	Soil	0.5	15.9	4.9	89	<0.1	21.9	17.0	904	3.90	7.3	0.4	1.4	7.0	27	<0.1	0.3	<0.1	82	0.47	0.123
1009871	Soil	1.0	10.0	7.1	71	<0.1	15.6	10.6	740	3.17	6.1	0.5	2.0	5.5	27	0.1	0.4	0.1	58	0.35	0.062
1009867	Soil	0.8	11.4	10.9	64	<0.1	14.6	9.6	633	2.48	4.9	0.5	1.3	4.6	22	0.2	0.4	0.1	50	0.29	0.035
1009997	Soil	0.4	11.8	4.3	80	<0.1	14.3	22.4	896	4.85	3.2	0.7	1.3	9.0	24	<0.1	0.2	<0.1	97	0.38	0.080
1010000	Soil	0.6	13.2	7.1	50	<0.1	13.8	9.0	357	2.99	7.1	0.7	1.5	5.9	16	<0.1	0.5	<0.1	49	0.19	0.032
1009996	Soil	0.6	41.7	4.8	39	<0.1	21.5	13.8	288	2.53	6.0	0.3	0.8	2.0	13	<0.1	0.3	<0.1	60	0.22	0.036
1009998	Soil	0.8	9.6	7.0	62	<0.1	17.2	13.5	506	3.15	6.3	0.3	<0.5	3.3	16	<0.1	0.4	0.1	70	0.21	0.035
1030552	Soil	0.6	10.0	7.7	74	<0.1	13.3	14.0	625	4.12	5.2	0.8	0.6	17.7	14	<0.1	0.3	<0.1	61	0.24	0.086
1030554	Soil	0.7	13.5	7.1	71	<0.1	21.0	12.1	387	3.19	7.4	0.4	1.3	5.2	15	<0.1	0.4	0.1	73	0.19	0.033
1009995	Soil	0.5	50.3	6.1	95	<0.1	21.3	20.9	666	3.64	3.5	0.3	<0.5	1.5	23	<0.1	0.1	<0.1	102	0.52	0.083

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178B.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1009873	Soil	16	33	1.41	303	0.127	<1	3.20	0.009	0.23	<0.1	<0.01	5.7	<0.1	<0.05	11	<0.5	<0.2
1009853	Soil	22	32	1.21	346	0.154	<1	2.24	0.016	0.45	0.1	0.01	4.1	0.2	<0.05	7	<0.5	<0.2
1009851	Soil	9	30	1.24	314	0.223	<1	2.94	0.020	0.30	<0.1	0.01	3.6	0.1	<0.05	8	<0.5	<0.2
1009878	Soil	19	64	1.03	195	0.187	<1	2.30	0.015	0.29	0.1	0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1009868	Soil	26	27	1.30	195	0.238	<1	2.81	0.011	0.72	<0.1	0.01	3.0	0.2	<0.05	10	<0.5	<0.2
1009852	Soil	6	32	0.91	141	0.132	<1	2.14	0.021	0.06	0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1009872	Soil	11	40	0.79	209	0.141	<1	2.35	0.007	0.20	0.1	0.01	2.5	0.2	<0.05	7	<0.5	<0.2
1009879	Soil	5	15	1.43	193	0.271	<1	2.38	0.010	0.87	<0.1	<0.01	2.7	0.3	<0.05	8	<0.5	<0.2
1009863	Soil	15	27	1.19	166	0.185	1	2.41	0.010	0.60	0.1	0.01	5.7	0.2	<0.05	10	<0.5	<0.2
1009864	Soil	29	28	1.32	164	0.176	<1	2.54	0.009	0.41	<0.1	0.01	3.7	0.2	<0.05	9	<0.5	<0.2
1009869	Soil	9	28	1.27	291	0.216	<1	2.45	0.008	0.54	0.1	0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1009871	Soil	12	25	0.71	275	0.046	<1	1.98	0.007	0.11	<0.1	0.03	1.9	<0.1	<0.05	7	<0.5	<0.2
1009867	Soil	12	24	0.49	434	0.034	<1	1.59	0.008	0.12	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1009997	Soil	14	29	1.88	180	0.143	<1	2.94	0.008	0.38	<0.1	<0.01	4.8	<0.1	<0.05	9	<0.5	<0.2
1010000	Soil	12	24	0.44	352	0.036	<1	1.80	0.007	0.13	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1009996	Soil	5	34	0.74	183	0.102	<1	1.78	0.010	0.23	0.1	0.01	1.9	0.2	<0.05	5	<0.5	<0.2
1009998	Soil	5	27	0.84	214	0.122	<1	2.24	0.005	0.20	0.1	0.01	1.5	0.1	<0.05	7	<0.5	<0.2
1030552	Soil	28	18	0.88	220	0.054	<1	2.31	0.007	0.26	<0.1	<0.01	4.3	<0.1	<0.05	10	0.5	<0.2
1030554	Soil	8	33	0.82	185	0.146	<1	2.32	0.007	0.18	0.1	0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1009995	Soil	2	36	1.74	347	0.272	<1	2.56	0.014	0.89	<0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178B.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1022582	Soil	0.5	4.3	42.1	54	<0.1	6.1	4.8	1219	1.63	<0.5	16.1	<0.5	79.5	13	<0.1	0.2	4.8	26	0.23	0.048
REP 1022582	QC	0.5	4.8	44.9	56	<0.1	5.9	5.0	1293	1.69	1.0	16.8	<0.5	82.0	14	<0.1	0.2	5.2	27	0.25	0.050
1021903	Soil	0.7	11.3	50.7	33	<0.1	8.6	2.1	355	1.06	3.0	5.4	<0.5	66.9	61	<0.1	0.2	4.8	13	0.28	0.008
REP 1021903	QC	0.6	11.2	50.2	33	<0.1	8.1	2.0	353	1.03	3.2	5.3	<0.5	65.7	59	<0.1	0.2	4.6	13	0.28	0.009
1009927	Soil	0.6	20.5	6.2	64	<0.1	28.1	17.1	599	3.80	6.5	0.4	1.0	6.3	32	<0.1	0.3	<0.1	77	0.44	0.051
REP 1009927	QC	0.6	20.4	6.4	62	<0.1	27.1	16.4	596	3.68	6.6	0.4	0.7	6.4	32	<0.1	0.3	<0.1	73	0.43	0.051
1021823	Soil	0.9	14.5	26.1	51	<0.1	18.7	8.9	555	2.58	8.0	2.3	0.7	31.1	26	<0.1	0.5	0.3	54	0.31	0.021
REP 1021823	QC	0.8	14.6	26.1	51	<0.1	19.8	9.0	553	2.69	7.7	2.5	<0.5	30.6	26	<0.1	0.5	0.5	56	0.31	0.019
1009969	Soil	0.4	43.6	3.5	100	<0.1	17.5	27.6	1189	6.63	5.3	1.1	4.0	10.3	50	<0.1	0.3	<0.1	146	0.80	0.181
REP 1009969	QC	0.5	45.4	3.6	104	<0.1	17.9	28.2	1283	6.97	5.4	1.2	3.7	10.4	50	<0.1	0.3	<0.1	167	0.80	0.177
1021534	Soil	1.1	21.5	10.9	52	<0.1	22.4	11.3	374	3.02	9.9	1.2	2.5	4.8	19	<0.1	0.6	0.2	66	0.17	0.041
REP 1021534	QC	1.0	21.9	10.9	53	<0.1	23.0	11.5	396	3.08	9.9	1.4	2.8	5.0	19	<0.1	0.6	0.2	69	0.18	0.040
1022612	Soil	0.9	8.9	32.0	43	<0.1	13.2	6.2	570	1.96	3.8	3.0	4.7	23.6	19	<0.1	0.4	0.8	39	0.17	0.016
REP 1022612	QC	1.0	9.0	31.1	44	<0.1	12.2	6.1	572	1.93	3.6	3.0	3.6	22.8	19	<0.1	0.3	0.8	39	0.17	0.015
1022606	Soil	1.4	11.5	36.6	47	<0.1	19.1	6.5	459	2.08	6.0	4.5	1.1	28.7	19	<0.1	0.4	1.8	44	0.20	0.030
REP 1022606	QC	1.2	10.9	37.5	48	<0.1	17.9	6.5	436	2.09	5.9	5.1	1.3	29.8	19	0.1	0.4	1.9	42	0.20	0.029
1022858	Soil	0.8	28.2	8.1	91	<0.1	30.9	17.0	574	4.15	5.7	0.6	0.9	7.1	25	<0.1	0.3	0.1	88	0.20	0.026
REP 1022858	QC	0.7	27.2	8.1	90	<0.1	29.3	16.6	575	4.04	5.8	0.6	<0.5	6.8	24	<0.1	0.3	<0.1	86	0.20	0.027
1022923	Soil	0.9	11.0	6.2	86	<0.1	14.5	8.1	652	2.35	3.8	0.4	1.8	2.9	18	0.2	0.3	0.1	49	0.24	0.044
REP 1022923	QC	0.8	11.5	6.4	92	<0.1	15.3	8.5	679	2.45	3.9	0.4	1.7	2.9	19	0.2	0.4	0.1	51	0.26	0.047
1022704	Soil	0.9	8.6	38.6	37	<0.1	11.3	3.0	501	1.19	1.9	7.8	1.0	57.8	11	<0.1	0.2	1.3	16	0.15	0.011
REP 1022704	QC	0.7	8.3	38.7	35	<0.1	10.0	2.9	487	1.16	2.0	8.0	2.5	57.5	11	<0.1	0.2	1.4	17	0.14	0.011
1022715	Soil	0.8	22.5	19.9	54	<0.1	24.7	9.6	385	2.71	8.7	3.8	3.1	18.6	22	<0.1	0.5	0.3	63	0.25	0.027
REP 1022715	QC	0.8	22.4	19.6	53	<0.1	25.0	9.6	392	2.74	8.9	4.0	2.0	18.9	23	<0.1	0.5	0.3	63	0.25	0.028
1009828	Soil	0.8	20.2	7.0	54	<0.1	19.5	8.9	248	2.53	6.1	0.7	2.8	2.0	21	<0.1	0.4	0.1	60	0.25	0.052
REP 1009828	QC	0.7	20.3	7.0	54	<0.1	19.3	8.8	248	2.51	6.3	0.7	1.8	2.0	20	<0.1	0.4	0.1	59	0.24	0.054
1030972	Soil	0.8	33.8	5.3	67	<0.1	23.0	15.1	386	3.68	5.8	0.5	1.4	3.1	14	<0.1	0.4	0.1	87	0.22	0.045
REP 1030972	QC	0.6	33.1	5.3	67	<0.1	22.2	14.8	372	3.58	5.7	0.5	0.7	3.0	13	<0.1	0.3	<0.1	84	0.21	0.045

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178B.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1022582	Soil	33	14	0.38	68	0.019	<1	1.06	0.010	0.14	0.2	<0.01	3.4	0.6	<0.05	5	<0.5	<0.2
REP 1022582	QC	35	15	0.40	73	0.022	<1	1.10	0.012	0.15	0.2	<0.01	3.6	0.6	<0.05	5	<0.5	<0.2
1021903	Soil	39	13	0.19	72	0.005	<1	1.29	0.010	0.08	<0.1	<0.01	3.0	0.1	<0.05	3	<0.5	<0.2
REP 1021903	QC	39	13	0.19	70	0.005	<1	1.34	0.011	0.08	<0.1	0.01	2.9	<0.1	<0.05	3	<0.5	<0.2
1009927	Soil	11	44	1.36	273	0.333	<1	2.73	0.013	0.93	<0.1	0.01	2.2	0.2	<0.05	8	<0.5	<0.2
REP 1009927	QC	12	42	1.36	274	0.325	<1	2.78	0.013	0.93	0.1	<0.01	2.0	0.2	<0.05	8	<0.5	<0.2
1021823	Soil	25	34	0.54	162	0.035	<1	2.01	0.011	0.10	0.1	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
REP 1021823	QC	25	34	0.56	157	0.036	<1	2.03	0.017	0.10	0.1	0.02	4.5	0.2	<0.05	6	0.6	<0.2
1009969	Soil	27	26	2.11	708	0.371	<1	3.63	0.016	1.56	<0.1	0.02	4.0	0.2	<0.05	11	0.9	<0.2
REP 1009969	QC	27	27	2.22	702	0.396	<1	3.84	0.017	1.53	<0.1	0.02	4.0	0.2	<0.05	12	0.8	<0.2
1021534	Soil	17	36	0.61	391	0.069	1	2.09	0.014	0.06	0.2	0.04	4.2	0.1	<0.05	6	<0.5	<0.2
REP 1021534	QC	17	40	0.61	403	0.073	<1	2.03	0.014	0.06	0.2	0.04	4.3	0.1	<0.05	6	0.7	<0.2
1022612	Soil	11	21	0.35	165	0.015	<1	1.36	0.012	0.10	0.1	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
REP 1022612	QC	11	21	0.34	162	0.014	<1	1.39	0.011	0.09	<0.1	0.01	1.8	0.2	<0.05	5	<0.5	<0.2
1022606	Soil	16	30	0.40	123	0.027	<1	1.47	0.011	0.10	0.1	0.01	2.4	0.1	<0.05	5	<0.5	<0.2
REP 1022606	QC	16	28	0.39	120	0.028	<1	1.47	0.011	0.10	0.1	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1022858	Soil	15	56	1.79	324	0.231	1	3.04	0.010	0.66	<0.1	<0.01	2.8	0.3	<0.05	10	<0.5	<0.2
REP 1022858	QC	15	54	1.80	309	0.226	<1	2.90	0.010	0.63	<0.1	<0.01	2.7	0.3	<0.05	9	<0.5	<0.2
1022923	Soil	8	26	0.42	305	0.058	1	1.42	0.010	0.09	0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
REP 1022923	QC	8	27	0.45	311	0.062	<1	1.51	0.009	0.10	0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1022704	Soil	24	15	0.22	44	0.005	<1	0.88	0.008	0.09	0.1	0.01	2.0	0.1	<0.05	3	<0.5	<0.2
REP 1022704	QC	24	14	0.21	41	0.007	<1	0.87	0.008	0.09	0.1	0.02	2.0	0.1	<0.05	3	<0.5	<0.2
1022715	Soil	26	38	0.56	236	0.072	<1	1.84	0.012	0.06	0.2	0.04	6.1	<0.1	<0.05	5	<0.5	<0.2
REP 1022715	QC	26	38	0.56	232	0.076	<1	1.83	0.011	0.06	0.2	0.03	6.1	0.1	<0.05	5	<0.5	<0.2
1009828	Soil	11	31	0.62	149	0.091	<1	1.91	0.010	0.06	0.1	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
REP 1009828	QC	10	31	0.61	150	0.091	1	1.90	0.011	0.06	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1030972	Soil	7	28	1.02	276	0.205	1	2.92	0.014	0.26	<0.1	0.03	3.0	0.1	<0.05	8	<0.5	<0.2
REP 1030972	QC	7	27	1.01	272	0.192	<1	2.90	0.013	0.25	<0.1	0.02	3.0	0.1	<0.05	8	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178B.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1030978	Soil	0.5	28.9	5.8	55	<0.1	28.8	14.0	427	3.25	2.2	0.5	2.1	3.5	6	<0.1	0.3	<0.1	53	0.08	0.021
REP 1030978	QC	0.5	26.4	5.7	52	<0.1	26.8	13.3	399	3.05	2.9	0.5	<0.5	3.3	6	<0.1	0.2	<0.1	51	0.08	0.018
1030970	Soil	0.7	18.4	5.6	56	<0.1	45.2	14.7	356	2.84	7.1	0.5	0.6	2.9	16	<0.1	0.3	<0.1	64	0.35	0.105
REP 1030970	QC	0.6	18.7	5.6	54	<0.1	44.9	14.8	365	2.85	7.1	0.5	1.0	2.9	16	0.1	0.3	<0.1	65	0.36	0.106
1009875	Soil	0.4	18.8	14.6	74	<0.1	16.2	17.8	673	4.28	7.9	1.4	0.9	13.9	53	<0.1	0.3	0.1	98	0.85	0.068
REP 1009875	QC	0.5	18.5	14.6	71	<0.1	16.0	17.5	655	4.16	8.1	1.4	<0.5	13.6	52	<0.1	0.3	0.1	98	0.86	0.071
1009997	Soil	0.4	11.8	4.3	80	<0.1	14.3	22.4	896	4.85	3.2	0.7	1.3	9.0	24	<0.1	0.2	<0.1	97	0.38	0.080
REP 1009997	QC	0.5	11.5	4.2	77	<0.1	15.0	22.2	894	4.72	3.3	0.7	1.1	9.0	25	<0.1	0.2	<0.1	95	0.39	0.082
Reference Materials																					
STD DS8	Standard	13.9	110.2	122.1	328	1.7	40.0	7.8	644	2.63	28.0	2.9	113.5	7.5	78	2.4	6.5	6.8	45	0.75	0.081
STD DS8	Standard	13.6	109.7	124.5	326	1.7	37.8	7.1	609	2.43	26.9	2.7	112.6	7.4	76	2.0	6.2	6.7	42	0.73	0.081
STD DS8	Standard	13.7	120.5	127.0	323	1.8	40.5	8.3	628	2.51	26.3	2.9	117.0	7.3	69	2.3	5.7	6.9	45	0.71	0.080
STD DS8	Standard	14.4	119.7	120.8	315	1.8	41.2	8.2	624	2.49	27.0	2.7	107.0	6.8	66	2.3	5.7	6.5	45	0.71	0.078
STD DS8	Standard	13.7	111.8	131.0	336	1.9	41.5	7.9	674	2.71	28.3	2.9	111.0	7.4	76	2.5	6.4	7.1	46	0.69	0.083
STD DS8	Standard	13.9	114.3	123.6	326	1.8	40.7	8.0	680	2.68	28.0	2.9	111.2	7.6	79	2.3	6.6	7.1	49	0.75	0.085
STD DS8	Standard	13.9	110.6	132.1	312	1.8	38.9	7.7	647	2.55	26.9	3.0	106.1	7.7	79	2.3	6.7	7.4	45	0.73	0.087
STD DS8	Standard	13.7	110.4	126.1	326	1.8	41.0	7.7	681	2.67	27.4	2.9	108.5	7.6	76	2.4	6.6	7.0	46	0.75	0.087
STD DS8	Standard	14.8	122.0	138.8	350	1.9	42.7	8.2	660	2.65	26.5	3.2	116.1	7.8	70	2.3	6.2	7.4	44	0.74	0.081
STD DS8	Standard	13.9	116.2	128.8	326	1.8	39.9	7.9	631	2.52	25.3	3.0	114.1	7.4	66	2.5	5.7	6.8	42	0.69	0.079
STD DS8	Standard	14.3	121.0	122.0	349	1.9	42.5	8.3	668	2.67	29.5	2.9	125.4	7.1	69	2.7	6.1	6.4	47	0.76	0.085
STD DS8	Standard	13.5	118.4	124.4	319	1.8	40.6	7.7	619	2.47	26.9	2.6	115.4	6.5	62	2.3	5.6	6.3	44	0.68	0.079
STD DS8	Standard	14.1	119.9	124.3	314	1.8	41.3	7.8	633	2.49	26.8	2.7	122.6	6.6	62	2.6	5.7	6.3	45	0.68	0.078
STD DS8	Standard	14.2	120.4	124.1	323	1.8	39.8	8.0	625	2.52	27.0	2.7	116.7	6.6	63	2.3	5.7	6.3	44	0.69	0.081
STD DS8	Standard	13.9	115.5	129.9	319	1.8	39.0	7.8	612	2.45	25.6	2.8	112.4	6.8	62	2.3	5.4	6.3	42	0.68	0.075
STD DS8	Standard	13.6	112.9	124.8	303	1.7	38.5	7.7	609	2.37	26.0	2.7	125.8	6.9	62	2.2	5.4	6.0	44	0.68	0.076
STD DS8	Standard	14.0	119.0	133.1	323	1.8	40.5	8.0	634	2.55	26.8	2.8	117.3	7.1	62	2.3	5.6	6.4	45	0.69	0.078
STD DS8	Standard	14.5	122.5	132.2	331	1.8	42.1	8.3	654	2.62	27.9	3.0	121.9	7.4	65	2.4	5.7	6.6	46	0.71	0.081
STD DS8	Standard	12.5	109.4	125.6	312	1.8	37.9	8.0	605	2.45	24.8	2.6	104.6	6.2	56	2.3	5.5	6.6	43	0.65	0.079
STD DS8	Standard	13.3	113.2	122.2	314	1.8	40.4	8.4	616	2.46	25.2	2.7	111.2	6.3	60	2.4	5.5	6.4	46	0.68	0.080

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178B.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1030978	Soil	8	32	0.99	134	0.008	<1	2.35	0.008	0.10	<0.1	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
REP 1030978	QC	8	29	0.93	125	0.007	<1	2.24	0.008	0.09	<0.1	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1030970	Soil	8	60	0.95	170	0.135	1	1.87	0.015	0.20	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
REP 1030970	QC	8	60	0.93	170	0.138	1	1.84	0.016	0.20	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1009875	Soil	34	22	1.39	149	0.302	3	3.12	0.010	0.09	0.2	<0.01	3.7	<0.1	<0.05	10	<0.5	<0.2
REP 1009875	QC	32	22	1.36	148	0.292	3	3.05	0.010	0.08	0.2	<0.01	3.6	<0.1	<0.05	9	<0.5	<0.2
1009997	Soil	14	29	1.88	180	0.143	<1	2.94	0.008	0.38	<0.1	<0.01	4.8	<0.1	<0.05	9	<0.5	<0.2
REP 1009997	QC	14	29	1.88	185	0.140	<1	2.90	0.008	0.38	<0.1	<0.01	4.8	<0.1	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	124	0.71	303	0.123	4	0.98	0.107	0.44	3.3	0.21	2.1	5.4	0.15	5	5.6	5.7
STD DS8	Standard	16	118	0.68	286	0.118	2	0.92	0.106	0.44	2.9	0.19	2.1	5.4	0.14	5	4.5	4.9
STD DS8	Standard	16	125	0.63	279	0.129	4	0.96	0.101	0.45	3.0	0.20	2.4	5.5	0.18	5	5.2	4.7
STD DS8	Standard	16	124	0.63	273	0.129	2	0.96	0.109	0.44	2.9	0.19	2.5	5.2	0.17	5	5.0	4.9
STD DS8	Standard	15	130	0.68	291	0.119	3	0.99	0.101	0.44	3.1	0.23	1.9	5.8	0.13	5	5.7	5.3
STD DS8	Standard	16	128	0.70	294	0.127	3	0.99	0.099	0.47	3.0	0.23	2.3	5.5	0.15	5	6.2	5.2
STD DS8	Standard	15	122	0.71	290	0.118	4	0.92	0.106	0.46	3.0	0.20	2.2	5.8	0.15	5	5.3	5.7
STD DS8	Standard	16	128	0.72	304	0.123	3	0.98	0.102	0.44	3.1	0.21	2.0	5.6	0.20	5	5.7	5.3
STD DS8	Standard	16	131	0.65	291	0.130	2	0.98	0.092	0.44	3.3	0.20	2.4	6.0	0.15	5	5.4	5.6
STD DS8	Standard	15	122	0.62	274	0.123	2	0.92	0.085	0.41	3.1	0.22	2.2	5.6	0.14	5	4.6	5.1
STD DS8	Standard	15	130	0.66	307	0.124	2	0.98	0.098	0.46	3.0	0.21	2.2	5.5	0.21	5	5.6	5.4
STD DS8	Standard	14	123	0.61	278	0.112	2	0.92	0.091	0.42	2.8	0.20	2.0	5.3	0.17	5	5.3	5.1
STD DS8	Standard	14	122	0.61	274	0.116	2	0.88	0.086	0.42	2.9	0.21	1.9	5.3	0.16	5	5.4	4.9
STD DS8	Standard	15	125	0.62	290	0.121	3	0.91	0.089	0.42	2.9	0.21	2.0	5.3	0.18	5	5.0	4.8
STD DS8	Standard	15	120	0.62	269	0.120	3	0.93	0.086	0.40	3.1	0.21	2.1	5.6	0.17	5	4.7	4.9
STD DS8	Standard	15	120	0.59	269	0.121	2	0.89	0.087	0.39	3.0	0.18	2.1	5.4	0.15	5	4.9	4.7
STD DS8	Standard	16	124	0.63	285	0.122	3	0.94	0.087	0.44	3.2	0.22	2.1	5.5	0.17	5	5.4	5.1
STD DS8	Standard	16	128	0.65	287	0.128	3	0.97	0.096	0.44	3.3	0.22	2.3	5.7	0.17	5	6.1	5.1
STD DS8	Standard	12	115	0.63	251	0.107	2	0.87	0.075	0.40	3.1	0.21	1.8	5.6	0.19	5	4.8	5.2
STD DS8	Standard	13	118	0.60	255	0.112	3	0.89	0.076	0.41	3.1	0.21	1.9	5.6	0.20	5	5.8	5.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178B.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	14.1	116.2	139.6	324	1.8	41.0	7.9	625	2.44	24.6	3.2	135.7	7.1	67	2.2	5.3	6.7	44	0.70	0.077
STD DS8	Standard	13.8	115.4	136.4	322	1.8	40.0	7.9	625	2.47	24.7	3.1	148.3	7.2	69	2.3	5.5	6.7	43	0.67	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178B.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	123	0.66	270	0.120	4	0.90	0.076	0.41	3.0	0.21	1.9	5.6	0.16	5	4.0	5.2
STD DS8	Standard	15	124	0.67	283	0.125	3	0.91	0.081	0.42	3.0	0.22	1.9	5.7	0.17	4	5.4	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 08, 2011
Report Date: July 19, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000178C.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED01
P.O. Number
Number of Samples: 266

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	266	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	266	Dry at 60C			WHI
1DX2	266	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178C.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022887	Soil	1.1	9.9	6.8	65	<0.1	9.5	8.0	411	2.77	5.4	0.9	9.2	6.0	16	<0.1	0.3	0.1	44	0.22	0.044
1022569	Soil	0.7	19.0	9.0	74	<0.1	17.6	15.7	1062	3.40	2.2	0.6	1.0	4.2	25	0.2	0.2	0.1	66	0.52	0.086
1022881	Soil	0.6	117.9	10.2	55	<0.1	9.2	8.0	308	2.96	6.4	1.0	1.6	9.6	13	<0.1	0.2	<0.1	40	0.17	0.031
1022880	Soil	0.3	127.9	3.0	86	<0.1	11.9	28.6	705	5.67	1.9	0.4	<0.5	1.1	29	<0.1	0.1	<0.1	160	1.12	0.343
1022567	Soil	0.2	21.4	1.6	72	<0.1	18.5	27.0	1021	5.10	3.0	1.3	1.9	5.4	108	0.2	0.2	<0.1	143	10.80	0.200
1022886	Soil	0.5	18.0	6.0	72	<0.1	16.6	12.2	622	3.63	5.7	0.6	<0.5	8.5	16	<0.1	0.3	<0.1	50	0.17	0.019
1022571	Soil	0.8	15.5	3.6	80	<0.1	13.1	24.5	752	4.86	4.0	0.5	<0.5	4.6	14	<0.1	0.2	<0.1	76	0.42	0.079
1022574	Soil	0.5	16.5	2.3	61	<0.1	11.2	16.6	526	3.06	3.3	0.2	0.5	4.5	19	<0.1	0.1	<0.1	70	0.36	0.091
1022564	Soil	0.7	9.8	3.2	99	<0.1	48.9	17.3	697	4.07	1.8	1.2	<0.5	10.2	15	<0.1	0.1	<0.1	45	0.37	0.088
1022883	Soil	0.4	11.9	6.1	71	<0.1	4.4	8.8	484	2.92	1.7	1.0	<0.5	10.2	12	<0.1	0.1	<0.1	30	0.24	0.060
1022572	Soil	0.6	29.8	1.8	81	<0.1	13.5	23.9	810	4.49	2.8	0.3	0.5	4.8	28	<0.1	0.1	<0.1	97	0.48	0.099
1022566	Soil	0.5	54.4	5.3	74	0.2	6.4	20.9	1005	4.87	2.5	1.4	3.6	7.8	93	0.1	0.2	<0.1	81	9.34	0.126
1022575	Soil	0.6	50.5	4.9	87	<0.1	22.7	21.4	728	4.16	7.2	0.4	<0.5	4.4	29	<0.1	0.3	<0.1	83	0.42	0.055
1022884	Soil	0.2	11.9	5.3	61	<0.1	5.7	9.7	499	3.27	1.8	1.0	0.9	13.8	14	<0.1	0.1	<0.1	36	0.27	0.054
1022573	Soil	0.8	20.7	2.0	74	<0.1	11.0	20.5	667	3.65	1.7	0.4	<0.5	6.7	23	<0.1	0.1	<0.1	76	0.36	0.089
1022885	Soil	0.3	9.1	3.6	65	<0.1	3.8	7.4	469	2.62	1.1	1.3	<0.5	15.8	15	<0.1	<0.1	<0.1	36	0.26	0.058
1030563	Soil	0.4	12.5	3.7	62	<0.1	11.9	12.6	278	2.69	4.0	0.4	3.1	6.1	18	<0.1	0.3	<0.1	68	0.31	0.032
1030559	Soil	0.7	13.9	6.9	57	<0.1	15.5	9.6	423	2.60	7.1	0.6	2.0	4.0	16	<0.1	0.5	0.1	61	0.19	0.037
1030551	Soil	1.2	14.0	8.8	59	<0.1	23.2	10.7	647	2.64	8.7	0.5	1.7	4.0	30	<0.1	0.5	0.1	62	0.41	0.041
1030557	Soil	0.6	43.5	3.4	80	<0.1	8.7	18.0	910	5.83	4.4	0.8	1.3	1.9	20	<0.1	0.2	0.1	93	0.82	0.191
1030558	Soil	0.9	14.2	8.0	65	<0.1	15.6	10.8	391	3.28	9.5	0.6	0.9	5.1	19	0.1	0.4	0.1	66	0.19	0.069
1030556	Soil	0.6	44.9	4.7	55	<0.1	43.6	18.0	341	2.82	10.9	0.3	2.4	3.5	28	<0.1	0.3	<0.1	67	0.44	0.042
1009992	Soil	0.7	31.9	6.4	47	<0.1	18.0	10.7	288	2.47	7.5	0.6	7.4	3.8	16	<0.1	0.4	0.1	61	0.18	0.035
1009999	Soil	0.5	6.4	5.6	50	<0.1	9.8	12.0	446	3.02	3.9	1.2	<0.5	12.5	14	<0.1	0.3	<0.1	60	0.17	0.027
1030555	Soil	0.6	14.0	5.9	69	<0.1	17.5	11.3	376	2.81	5.7	0.5	<0.5	5.1	27	<0.1	0.3	<0.1	62	0.28	0.062
1030562	Soil	0.5	74.5	4.9	61	<0.1	21.1	17.6	609	3.60	5.7	0.5	1.1	5.5	21	<0.1	0.3	<0.1	87	0.39	0.079
1030560	Soil	0.8	16.4	7.5	61	<0.1	11.2	10.8	444	3.48	7.8	0.8	1.6	15.4	13	<0.1	0.3	0.1	84	0.15	0.066
1009854	Soil	0.3	69.8	2.2	72	<0.1	24.9	20.3	461	4.14	2.7	0.4	1.4	1.9	15	<0.1	0.2	<0.1	116	0.39	0.092
1009994	Soil	0.6	41.4	4.9	44	<0.1	16.1	10.5	230	2.40	6.4	0.4	1.0	2.9	14	<0.1	0.4	<0.1	69	0.20	0.042
1030553	Soil	0.2	15.1	2.3	62	<0.1	13.4	15.0	623	3.36	2.4	0.2	<0.5	3.7	20	<0.1	0.1	<0.1	63	0.45	0.102

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178C.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022887	Soil	8	18	0.56	163	0.051	1	1.60	0.006	0.08	<0.1	0.02	1.9	<0.1	<0.05	6	<0.5	<0.2
1022569	Soil	14	42	1.16	723	0.010	2	2.46	0.009	0.14	<0.1	0.01	6.0	<0.1	<0.05	7	<0.5	<0.2
1022881	Soil	7	13	0.62	160	0.151	<1	1.60	0.005	0.58	0.2	<0.01	1.9	0.4	<0.05	6	<0.5	<0.2
1022880	Soil	4	9	1.98	303	0.093	<1	2.63	0.025	0.43	<0.1	0.01	6.0	0.1	<0.05	9	<0.5	<0.2
1022567	Soil	20	18	1.92	640	0.073	2	2.12	0.012	0.23	<0.1	0.01	15.1	0.1	<0.05	7	0.8	<0.2
1022886	Soil	8	22	0.78	166	0.192	<1	2.26	0.009	0.23	<0.1	0.01	2.1	0.2	<0.05	8	<0.5	<0.2
1022571	Soil	6	29	2.10	249	0.093	1	2.65	0.005	0.47	<0.1	<0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1022574	Soil	4	21	1.55	339	0.214	<1	2.03	0.009	1.16	<0.1	<0.01	1.1	0.3	<0.05	5	<0.5	<0.2
1022564	Soil	21	85	1.42	230	0.165	<1	2.28	0.007	0.90	0.1	<0.01	2.7	0.4	<0.05	7	<0.5	<0.2
1022883	Soil	11	8	0.64	98	0.094	<1	1.47	0.005	0.17	0.1	<0.01	1.3	<0.1	<0.05	6	<0.5	<0.2
1022572	Soil	7	27	2.33	515	0.314	<1	2.87	0.009	1.54	<0.1	<0.01	1.4	0.3	<0.05	7	<0.5	<0.2
1022566	Soil	26	5	1.85	403	0.004	<1	2.43	0.006	0.08	<0.1	0.04	6.0	<0.1	<0.05	8	0.5	<0.2
1022575	Soil	12	32	1.89	340	0.224	1	2.47	0.009	0.99	0.1	0.02	2.5	0.3	<0.05	7	<0.5	<0.2
1022884	Soil	15	9	0.79	133	0.146	<1	1.79	0.007	0.50	<0.1	<0.01	2.0	0.2	<0.05	7	<0.5	<0.2
1022573	Soil	9	21	1.93	379	0.264	<1	2.49	0.008	1.43	<0.1	<0.01	1.2	0.4	<0.05	6	<0.5	<0.2
1022885	Soil	28	9	0.70	100	0.116	<1	1.47	0.008	0.36	<0.1	<0.01	2.3	0.2	<0.05	7	<0.5	<0.2
1030563	Soil	11	23	1.09	125	0.082	<1	1.91	0.032	0.06	0.1	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1030559	Soil	8	27	0.71	228	0.076	<1	1.73	0.006	0.11	0.1	0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1030551	Soil	9	31	0.70	308	0.104	<1	1.80	0.014	0.05	0.2	0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1030557	Soil	11	12	0.91	244	0.020	<1	2.40	0.035	0.04	<0.1	<0.01	15.1	<0.1	<0.05	11	0.5	<0.2
1030558	Soil	7	30	0.90	155	0.097	1	2.52	0.006	0.12	<0.1	0.01	2.6	<0.1	<0.05	8	<0.5	<0.2
1030556	Soil	6	33	1.33	214	0.150	<1	2.35	0.023	0.19	0.1	0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1009992	Soil	9	28	0.61	179	0.080	<1	1.86	0.011	0.07	0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1009999	Soil	8	18	0.87	164	0.122	<1	2.02	0.007	0.49	<0.1	<0.01	2.1	0.2	<0.05	7	<0.5	<0.2
1030555	Soil	11	24	0.75	155	0.109	<1	1.97	0.009	0.17	0.1	0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1030562	Soil	8	37	1.39	207	0.191	<1	2.30	0.017	0.44	0.1	<0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1030560	Soil	27	26	0.88	133	0.136	<1	2.07	0.009	0.48	0.2	0.01	5.8	0.2	<0.05	8	<0.5	<0.2
1009854	Soil	13	42	1.74	295	0.236	<1	2.65	0.017	0.66	<0.1	0.01	5.0	0.2	<0.05	9	<0.5	<0.2
1009994	Soil	7	28	0.79	143	0.109	<1	1.65	0.013	0.15	0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1030553	Soil	7	14	1.03	209	0.189	<1	2.07	0.017	0.37	<0.1	<0.01	2.4	<0.1	<0.05	8	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030561	Soil		0.4	159.6	7.4	126	<0.1	15.4	19.4	910	4.06	4.8	1.0	0.7	12.0	20	<0.1	0.3	0.2	87	0.27	0.044
1022570	Soil		1.3	11.8	6.1	59	<0.1	12.5	12.4	556	2.90	4.4	0.6	<0.5	4.6	19	0.1	0.4	<0.1	50	0.38	0.039
1022879	Soil		0.9	10.5	4.5	55	<0.1	40.5	12.8	443	2.87	2.3	1.1	<0.5	12.5	12	<0.1	0.2	<0.1	54	0.26	0.059
1022565	Soil		0.9	10.3	4.0	109	<0.1	51.5	18.4	733	4.36	1.8	1.3	<0.5	10.7	17	<0.1	0.1	<0.1	51	0.39	0.087
1022882	Soil		0.4	36.6	10.7	97	<0.1	7.6	9.4	641	3.33	2.3	0.8	<0.5	11.8	15	<0.1	0.1	0.7	38	0.26	0.044
1022568	Soil		0.9	26.2	5.4	110	<0.1	14.9	25.4	1563	6.15	2.4	0.8	1.4	9.7	22	0.2	0.2	<0.1	130	0.66	0.121
1021528	Soil		0.6	34.6	5.1	77	<0.1	19.2	20.5	643	4.13	4.9	0.6	0.6	4.0	24	<0.1	0.3	<0.1	96	0.53	0.053
1021519	Soil		0.6	9.4	4.1	84	<0.1	14.2	23.0	818	4.15	3.1	0.3	<0.5	1.1	30	<0.1	0.1	<0.1	102	0.53	0.106
1021518	Soil		0.8	12.7	9.0	76	<0.1	15.2	10.9	582	3.25	7.8	0.5	1.3	4.1	19	0.1	0.4	0.1	61	0.23	0.048
1021508	Soil		0.5	41.1	2.8	69	<0.1	20.1	21.1	514	3.82	3.2	0.1	<0.5	1.8	13	<0.1	0.1	<0.1	93	0.27	0.072
1021510	Soil		0.6	16.5	5.1	63	<0.1	15.8	15.7	404	2.99	4.4	0.2	1.8	2.2	17	<0.1	0.2	<0.1	68	0.25	0.039
1021506	Soil		0.9	30.5	5.0	57	<0.1	14.3	12.2	490	2.45	4.4	0.2	1.0	2.0	22	0.1	0.3	<0.1	57	0.31	0.078
1021520	Soil		0.5	20.6	6.1	83	<0.1	10.1	13.4	873	4.44	3.9	1.1	<0.5	14.9	22	<0.1	0.2	0.1	73	0.33	0.049
1021501	Soil		0.5	24.8	5.2	71	0.1	20.1	19.1	555	3.50	4.3	0.4	1.6	3.3	20	0.1	0.3	<0.1	85	0.33	0.032
1021505	Soil		0.5	27.6	3.2	63	<0.1	24.9	19.0	484	3.31	2.8	0.1	<0.5	1.4	24	<0.1	0.1	<0.1	74	0.42	0.075
1021504	Soil		0.5	24.3	4.4	67	<0.1	14.9	15.3	452	2.81	4.5	0.2	1.7	2.1	22	<0.1	0.3	<0.1	65	0.31	0.067
1021527	Soil		0.6	33.8	3.3	69	<0.1	16.3	20.4	526	3.77	5.0	0.2	<0.5	1.8	23	<0.1	0.2	<0.1	87	0.36	0.070
1021526	Soil		0.5	24.0	5.4	69	0.1	19.9	18.6	547	3.46	4.4	0.4	1.5	3.3	20	<0.1	0.3	<0.1	87	0.34	0.031
1021509	Soil		0.8	27.1	6.1	63	<0.1	21.0	17.2	423	3.35	7.0	0.4	1.2	3.4	19	<0.1	0.4	<0.1	76	0.25	0.037
1021511	Soil		0.6	17.9	5.3	63	<0.1	17.2	16.6	519	3.01	5.3	0.3	1.0	2.7	27	<0.1	0.3	<0.1	68	0.37	0.038
1021507	Soil		0.8	23.9	8.8	64	<0.1	25.6	13.3	355	3.02	8.9	0.4	0.7	3.6	21	<0.1	0.4	<0.1	65	0.25	0.030
1021502	Soil		0.7	17.0	6.2	64	<0.1	17.9	13.5	588	2.92	6.8	0.3	1.3	2.6	21	0.1	0.4	0.1	64	0.31	0.115
1021503	Soil		0.9	16.3	8.9	70	<0.1	21.8	10.9	332	2.73	9.2	0.5	1.9	3.3	26	<0.1	0.5	0.1	62	0.37	0.069
1022563	Soil		1.8	20.2	13.8	104	0.1	16.5	10.5	665	3.37	7.3	1.3	1.1	9.9	16	0.2	0.4	0.5	52	0.18	0.058
1022557	Soil		0.6	27.2	4.9	141	<0.1	14.1	20.4	756	5.04	3.7	0.7	1.8	6.0	24	<0.1	0.1	<0.1	97	0.52	0.164
1022558	Soil		0.5	13.7	4.0	49	<0.1	60.4	17.3	323	2.16	2.3	0.1	1.4	1.4	15	<0.1	<0.1	<0.1	51	0.26	0.036
1022552	Soil		0.2	3.5	2.8	108	<0.1	2.5	8.7	580	2.92	0.6	0.6	3.7	8.5	19	<0.1	<0.1	<0.1	39	0.25	0.071
1022551	Soil		0.4	39.0	6.0	214	<0.1	8.0	16.0	845	4.62	1.4	1.0	4.7	15.0	37	0.1	<0.1	<0.1	65	0.58	0.141
1022562	Soil		0.7	19.9	8.9	108	<0.1	19.1	22.0	780	4.83	3.9	0.7	1.4	5.3	26	<0.1	0.2	<0.1	107	0.35	0.048
1022554	Soil		0.9	31.1	67.6	394	0.2	12.7	12.4	647	4.26	4.3	0.8	2.2	8.6	14	0.6	0.2	<0.1	69	0.21	0.061

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030561	Soil	23	27	1.46	132	0.192	<1	2.51	0.008	0.36	0.1	0.01	4.4	0.1	<0.05	10	<0.5	<0.2
1022570	Soil	11	24	0.82	369	0.028	<1	1.71	0.007	0.14	<0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1022879	Soil	15	42	1.26	178	0.108	<1	1.96	0.008	0.43	0.1	<0.01	2.6	0.2	<0.05	8	<0.5	<0.2
1022565	Soil	24	91	1.46	250	0.182	<1	2.46	0.009	0.96	<0.1	<0.01	3.0	0.4	<0.05	8	<0.5	<0.2
1022882	Soil	11	11	0.85	186	0.127	<1	1.76	0.005	0.36	0.1	<0.01	2.3	0.3	<0.05	8	<0.5	<0.2
1022568	Soil	32	20	2.15	275	0.038	<1	3.29	0.011	0.15	<0.1	<0.01	8.8	<0.1	<0.05	13	<0.5	<0.2
1021528	Soil	8	33	1.88	283	0.217	1	2.67	0.015	0.17	<0.1	<0.01	3.1	<0.1	<0.05	9	<0.5	<0.2
1021519	Soil	3	17	1.74	404	0.221	<1	2.32	0.010	0.64	<0.1	<0.01	1.9	0.1	<0.05	7	<0.5	<0.2
1021518	Soil	8	24	0.77	363	0.116	1	1.91	0.007	0.31	0.2	0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1021508	Soil	6	32	2.00	539	0.297	<1	2.58	0.019	1.32	0.1	<0.01	1.1	0.3	<0.05	7	<0.5	<0.2
1021510	Soil	5	23	1.31	421	0.208	<1	2.00	0.010	0.96	0.1	<0.01	1.9	0.2	<0.05	5	<0.5	<0.2
1021506	Soil	5	22	0.83	530	0.131	<1	1.54	0.010	0.38	0.1	0.01	1.5	0.1	<0.05	5	<0.5	<0.2
1021520	Soil	32	18	1.19	249	0.274	<1	2.38	0.012	0.69	<0.1	<0.01	4.4	0.2	<0.05	11	<0.5	<0.2
1021501	Soil	6	33	1.69	331	0.208	<1	2.35	0.012	0.87	0.1	<0.01	3.4	0.2	<0.05	7	<0.5	<0.2
1021505	Soil	2	31	1.79	506	0.234	<1	2.26	0.017	1.12	<0.1	<0.01	1.1	0.2	<0.05	5	<0.5	<0.2
1021504	Soil	4	23	1.18	357	0.157	1	1.93	0.013	0.44	<0.1	<0.01	1.4	0.1	<0.05	5	<0.5	<0.2
1021527	Soil	3	29	1.84	334	0.262	<1	2.53	0.012	0.68	<0.1	<0.01	1.3	0.2	<0.05	6	<0.5	<0.2
1021526	Soil	7	34	1.66	328	0.209	<1	2.34	0.013	0.90	0.1	<0.01	3.6	0.2	<0.05	7	<0.5	<0.2
1021509	Soil	7	34	1.40	378	0.203	1	2.12	0.013	0.98	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1021511	Soil	7	29	1.09	357	0.183	1	1.88	0.012	0.64	0.1	0.01	2.7	0.2	<0.05	5	0.6	<0.2
1021507	Soil	7	31	0.94	204	0.113	<1	1.83	0.009	0.22	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1021502	Soil	6	29	0.97	449	0.125	1	1.85	0.012	0.41	0.1	<0.01	2.5	0.1	<0.05	5	<0.5	<0.2
1021503	Soil	9	35	0.73	321	0.085	1	1.73	0.011	0.11	0.2	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1022563	Soil	9	29	0.70	185	0.046	<1	2.03	0.008	0.09	0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1022557	Soil	10	23	2.45	653	0.358	<1	3.52	0.015	1.42	0.2	<0.01	1.1	0.4	<0.05	7	<0.5	<0.2
1022558	Soil	3	106	1.59	285	0.193	<1	2.21	0.016	0.43	<0.1	<0.01	1.7	0.2	<0.05	5	<0.5	<0.2
1022552	Soil	11	5	0.68	165	0.189	<1	1.47	0.010	0.88	<0.1	<0.01	1.1	0.4	<0.05	8	<0.5	<0.2
1022551	Soil	29	13	1.29	339	0.235	<1	2.38	0.011	1.06	<0.1	0.01	1.9	0.3	<0.05	9	<0.5	<0.2
1022562	Soil	14	41	2.18	340	0.254	<1	3.12	0.012	0.59	<0.1	<0.01	5.1	0.2	<0.05	11	<0.5	<0.2
1022554	Soil	15	20	1.11	203	0.274	<1	2.64	0.008	0.79	0.1	<0.01	2.5	0.5	<0.05	9	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178C.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022555	Soil	3.7	69.5	17.1	146	<0.1	27.2	16.1	643	5.63	3.5	1.7	2.1	19.1	14	0.1	0.1	<0.1	111	0.16	0.053
1022559	Soil	0.4	31.1	2.0	77	<0.1	16.0	23.0	719	4.43	1.5	0.2	2.0	2.3	15	<0.1	<0.1	<0.1	128	0.37	0.097
1022560	Soil	0.4	35.8	3.2	32	<0.1	23.6	13.4	190	2.04	4.1	0.2	0.7	3.0	8	<0.1	0.2	<0.1	54	0.19	0.015
1022553	Soil	0.4	35.5	9.9	101	<0.1	5.4	11.0	709	3.68	5.2	0.9	1.3	13.1	17	0.2	<0.1	<0.1	46	0.24	0.069
1022532	Soil	0.7	39.0	6.4	89	<0.1	16.3	17.3	710	3.86	6.1	0.4	3.7	2.9	13	<0.1	0.3	<0.1	93	0.19	0.035
1022538	Soil	0.9	27.1	8.5	72	<0.1	22.0	17.5	577	3.88	7.3	0.5	1.4	3.8	19	<0.1	0.5	0.1	86	0.24	0.035
1022521	Soil	0.4	16.2	4.3	153	<0.1	9.7	21.3	887	6.02	1.8	1.1	<0.5	14.0	30	<0.1	<0.1	<0.1	107	0.38	0.059
1022537	Soil	0.9	16.7	5.7	60	0.2	10.3	8.7	352	2.20	1.8	0.4	2.8	1.3	20	0.3	0.1	<0.1	57	0.19	0.074
1022530	Soil	0.4	22.2	4.8	76	<0.1	11.6	19.1	635	4.42	3.5	0.5	<0.5	3.7	17	<0.1	0.2	<0.1	96	0.23	0.043
1022536	Soil	0.6	42.0	3.2	68	<0.1	12.7	20.2	710	4.19	2.5	0.2	<0.5	2.0	20	<0.1	0.1	<0.1	98	0.34	0.091
1022520	Soil	0.4	17.3	6.6	114	<0.1	6.0	24.0	840	4.86	1.7	0.3	0.6	0.8	20	0.1	<0.1	<0.1	117	0.81	0.138
1021678	Soil	0.7	19.5	3.7	113	<0.1	15.8	21.8	1280	3.82	3.0	0.2	2.0	1.7	22	0.2	0.2	<0.1	89	0.41	0.128
1021674	Soil	1.0	15.8	7.7	58	<0.1	18.2	13.2	385	3.04	8.6	0.3	2.1	2.0	22	<0.1	0.5	0.1	75	0.27	0.031
1021681	Soil	1.2	12.0	7.9	96	<0.1	19.6	14.2	1606	2.95	7.0	0.3	1.8	1.3	20	0.2	0.5	0.2	71	0.30	0.087
1021686	Soil	0.8	29.1	5.7	72	<0.1	14.5	22.5	1155	4.68	4.4	0.3	1.5	1.6	26	0.1	0.2	<0.1	85	0.44	0.145
1021671	Soil	0.7	33.4	4.5	61	<0.1	23.8	17.3	446	3.13	6.1	0.3	1.4	3.1	29	<0.1	0.3	<0.1	74	0.42	0.041
1021675	Soil	0.4	23.5	4.5	54	<0.1	18.4	20.6	420	3.47	4.9	0.2	0.7	2.8	22	<0.1	0.1	<0.1	76	0.37	0.028
1021679	Soil	1.4	27.7	16.1	106	<0.1	21.5	16.3	1336	3.71	6.4	0.5	2.4	4.6	17	0.2	0.3	0.1	94	0.30	0.057
1021683	Soil	0.4	15.6	4.8	93	<0.1	23.2	22.1	683	4.54	5.6	0.5	<0.5	4.0	24	<0.1	0.2	<0.1	94	0.37	0.082
1021687	Soil	1.3	30.1	5.6	55	<0.1	23.8	11.2	466	3.47	9.9	0.9	1.2	7.9	11	<0.1	0.4	<0.1	58	0.17	0.027
1022561	Soil	0.6	22.4	4.3	82	<0.1	14.3	23.0	616	4.43	4.9	0.2	<0.5	1.0	41	<0.1	0.2	<0.1	98	0.41	0.073
1022556	Soil	0.7	35.0	3.6	118	<0.1	14.1	17.9	780	4.45	3.0	0.6	0.8	7.1	20	<0.1	<0.1	<0.1	108	0.42	0.126
1022526	Soil	1.2	19.3	8.1	57	<0.1	20.0	12.5	367	3.57	8.6	0.4	11.4	2.5	22	<0.1	0.4	0.1	89	0.23	0.029
1022529	Soil	0.5	21.1	4.5	79	<0.1	16.2	22.0	817	4.67	3.8	0.3	<0.5	2.1	26	<0.1	0.2	<0.1	104	0.28	0.051
1022525	Soil	1.0	19.8	7.4	58	<0.1	18.1	12.2	491	3.26	5.3	0.6	1.7	3.7	23	<0.1	0.3	<0.1	76	0.25	0.024
1022524	Soil	0.6	18.1	5.7	74	<0.1	16.2	19.6	671	4.15	4.4	0.3	<0.5	2.6	19	<0.1	0.2	<0.1	94	0.21	0.031
1022528	Soil	0.6	40.1	4.6	103	<0.1	26.7	18.1	760	4.30	5.8	0.7	0.7	4.9	27	<0.1	0.2	<0.1	113	0.38	0.076
1022527	Soil	0.7	24.3	7.2	72	<0.1	23.5	17.4	667	3.77	6.7	0.7	1.6	4.5	32	<0.1	0.3	<0.1	85	0.48	0.058
1022523	Soil	0.9	11.3	5.8	77	<0.1	15.9	21.1	723	4.30	5.9	0.3	1.6	1.9	19	<0.1	0.3	<0.1	92	0.29	0.058
1022518	Soil	0.1	21.3	5.1	101	<0.1	12.1	17.4	905	4.66	2.1	0.5	42.5	4.5	32	<0.1	<0.1	<0.1	80	0.52	0.103

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022555	Soil	22	49	1.86	526	0.308	<1	3.28	0.014	1.29	<0.1	<0.01	6.1	0.5	<0.05	13	<0.5	<0.2
1022559	Soil	8	25	1.99	444	0.291	<1	2.81	0.023	1.19	<0.1	<0.01	3.9	0.3	<0.05	9	<0.5	<0.2
1022560	Soil	5	32	0.95	106	0.135	<1	1.84	0.014	0.03	<0.1	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
1022553	Soil	16	10	1.00	194	0.262	<1	1.98	0.014	1.01	<0.1	<0.01	1.6	0.6	<0.05	9	<0.5	<0.2
1022532	Soil	5	33	1.38	170	0.211	<1	2.60	0.010	0.61	<0.1	<0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1022538	Soil	6	43	1.18	242	0.176	1	2.98	0.011	0.23	<0.1	0.01	2.8	0.1	<0.05	8	<0.5	<0.2
1022521	Soil	34	23	1.72	517	0.093	<1	3.04	0.014	0.86	<0.1	<0.01	8.9	0.2	<0.05	11	<0.5	<0.2
1022537	Soil	5	24	0.68	214	0.160	<1	1.21	0.018	0.32	<0.1	0.02	2.5	0.1	<0.05	8	<0.5	<0.2
1022530	Soil	6	25	1.48	308	0.165	<1	2.79	0.011	0.83	<0.1	<0.01	4.1	0.2	<0.05	9	<0.5	<0.2
1022536	Soil	3	28	1.81	364	0.254	<1	2.72	0.012	0.94	<0.1	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1022520	Soil	2	11	1.15	194	0.157	<1	2.24	0.066	0.50	<0.1	<0.01	4.5	<0.1	<0.05	8	<0.5	<0.2
1021678	Soil	3	27	1.64	417	0.236	2	2.69	0.015	0.26	<0.1	<0.01	1.9	0.1	<0.05	8	<0.5	<0.2
1021674	Soil	5	31	0.99	278	0.171	<1	1.92	0.015	0.32	0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1021681	Soil	6	43	0.68	320	0.090	<1	1.79	0.014	0.09	0.1	0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1021686	Soil	4	18	1.25	418	0.195	1	2.39	0.008	0.56	<0.1	0.01	2.2	0.1	<0.05	8	<0.5	<0.2
1021671	Soil	9	33	1.26	281	0.194	<1	1.93	0.013	0.47	0.1	<0.01	2.7	0.1	<0.05	5	<0.5	<0.2
1021675	Soil	4	24	1.67	328	0.175	1	2.34	0.009	0.41	<0.1	<0.01	2.9	0.1	<0.05	5	<0.5	<0.2
1021679	Soil	10	37	1.07	255	0.063	2	2.12	0.013	0.05	<0.1	<0.01	6.4	<0.1	<0.05	8	<0.5	<0.2
1021683	Soil	10	28	1.60	356	0.305	<1	2.72	0.012	1.46	<0.1	<0.01	3.5	0.3	<0.05	9	<0.5	<0.2
1021687	Soil	13	34	0.93	171	0.176	<1	2.00	0.014	0.42	0.1	<0.01	7.0	0.1	<0.05	7	<0.5	<0.2
1022561	Soil	3	26	1.93	209	0.234	<1	2.80	0.012	0.34	<0.1	<0.01	2.2	<0.1	<0.05	8	<0.5	<0.2
1022556	Soil	24	29	2.33	498	0.317	<1	3.26	0.017	1.69	<0.1	<0.01	7.8	0.4	<0.05	10	<0.5	<0.2
1022526	Soil	7	38	0.90	162	0.158	1	2.53	0.012	0.05	0.1	<0.01	3.1	0.1	<0.05	8	<0.5	<0.2
1022529	Soil	3	30	2.02	212	0.316	<1	3.22	0.013	0.86	<0.1	<0.01	2.6	0.3	<0.05	10	<0.5	<0.2
1022525	Soil	10	34	0.97	191	0.158	<1	2.17	0.013	0.24	0.1	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1022524	Soil	4	30	1.88	237	0.294	<1	3.15	0.011	1.03	<0.1	<0.01	2.0	0.3	<0.05	7	<0.5	<0.2
1022528	Soil	12	55	1.97	306	0.247	1	2.93	0.018	0.82	<0.1	0.02	8.6	0.3	<0.05	10	<0.5	<0.2
1022527	Soil	12	46	1.37	295	0.156	<1	2.50	0.018	0.38	<0.1	0.01	5.8	0.2	<0.05	8	<0.5	<0.2
1022523	Soil	3	30	1.74	216	0.287	<1	3.01	0.011	0.73	<0.1	<0.01	1.7	0.2	<0.05	8	<0.5	<0.2
1022518	Soil	10	27	1.59	243	0.324	<1	2.61	0.017	1.16	<0.1	<0.01	3.3	0.5	<0.05	10	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022531	Soil	0.4	23.0	4.3	75	<0.1	13.1	20.2	655	4.56	4.8	0.5	0.9	3.7	19	<0.1	0.2	<0.1	102	0.25	0.040
1022535	Soil	0.4	21.6	6.5	102	<0.1	7.8	16.3	1055	4.98	4.0	2.0	0.7	11.4	20	0.1	0.2	<0.1	92	0.34	0.059
1022517	Soil	0.9	21.8	8.9	52	<0.1	22.2	10.4	302	2.96	9.7	0.6	1.8	3.5	20	<0.1	0.5	0.2	70	0.19	0.026
1022522	Soil	0.4	40.2	4.5	83	<0.1	12.6	23.5	828	4.54	4.5	0.3	<0.5	2.0	34	<0.1	0.1	<0.1	91	0.60	0.074
1022534	Soil	0.4	6.6	4.8	70	<0.1	13.5	18.7	756	4.18	3.5	1.1	1.0	7.5	25	<0.1	0.1	<0.1	84	0.37	0.057
1022533	Soil	0.7	34.9	6.8	73	<0.1	10.2	10.9	607	3.71	4.3	1.0	0.9	12.5	9	<0.1	0.2	<0.1	68	0.15	0.045
1022639	Soil	1.3	31.1	31.3	43	<0.1	27.3	8.5	335	2.29	11.9	3.3	4.9	27.0	22	<0.1	0.5	10.1	52	0.31	0.017
1022647	Soil	1.6	32.3	34.3	52	<0.1	30.7	9.4	501	2.48	8.8	3.5	4.1	36.6	37	0.1	0.5	2.3	57	0.47	0.018
1022643	Soil	2.4	17.6	22.1	56	<0.1	29.8	6.9	474	1.96	7.7	9.7	1.1	11.7	47	0.5	0.4	1.4	43	0.91	0.069
1022642	Soil	1.5	8.5	30.9	32	<0.1	15.4	4.8	310	1.47	5.5	2.8	1.0	22.5	35	<0.1	0.3	3.2	30	0.25	0.014
1022645	Soil	2.2	30.8	24.0	55	0.1	37.9	10.3	455	2.58	11.5	2.2	2.3	18.4	37	0.1	0.6	2.9	59	0.93	0.028
1022641	Soil	1.1	8.9	22.8	27	<0.1	11.1	4.5	299	1.42	4.3	2.7	<0.5	9.3	31	<0.1	0.3	2.9	33	0.29	0.020
1022638	Soil	1.7	29.4	36.3	50	<0.1	33.2	9.9	669	2.58	10.2	3.5	4.0	25.7	37	<0.1	0.5	1.4	58	0.52	0.029
1022646	Soil	1.3	29.9	17.0	46	<0.1	31.2	10.4	251	2.83	13.0	1.6	2.8	13.1	23	<0.1	0.6	0.8	68	0.26	0.014
1022640	Soil	1.2	10.8	25.0	35	<0.1	14.5	5.9	571	1.80	4.6	2.6	2.6	15.2	32	<0.1	0.3	2.1	36	0.35	0.037
1022637	Soil	2.6	19.9	33.6	48	<0.1	30.6	7.8	454	2.19	6.7	5.0	2.6	26.6	26	<0.1	0.5	1.4	48	0.30	0.028
1022636	Soil	1.1	16.1	31.6	32	<0.1	14.9	6.5	369	1.85	5.6	3.0	4.4	17.8	24	<0.1	0.4	9.6	41	0.40	0.014
1009004	Soil	1.2	18.2	19.2	38	<0.1	24.8	9.2	368	2.38	7.8	1.8	1.9	13.3	24	<0.1	0.5	2.3	53	0.35	0.014
1021769	Soil	0.7	23.6	5.6	68	<0.1	17.4	17.3	525	3.58	5.1	0.5	<0.5	6.0	24	<0.1	0.3	<0.1	61	0.37	0.063
1021768	Soil	0.7	18.7	6.9	55	<0.1	14.6	14.8	609	2.76	4.3	0.6	1.4	4.3	28	<0.1	0.4	<0.1	56	0.44	0.032
1021767	Soil	0.8	20.1	7.2	61	<0.1	14.4	11.5	628	2.75	2.9	0.6	1.4	3.9	19	0.1	0.3	<0.1	56	0.36	0.049
1021765	Soil	0.3	51.6	4.4	65	<0.1	16.7	26.5	590	4.47	2.4	0.4	0.5	1.2	26	<0.1	0.1	<0.1	133	1.28	0.376
1021672	Soil	0.9	34.5	7.5	58	<0.1	23.6	15.5	458	2.99	5.9	0.5	1.1	4.4	21	<0.1	0.3	<0.1	70	0.35	0.032
1021673	Soil	0.9	30.8	8.5	51	<0.1	20.3	15.8	352	2.95	5.3	0.5	5.4	3.5	34	<0.1	0.3	<0.1	65	0.55	0.068
1021669	Soil	0.7	37.6	6.2	64	<0.1	23.7	14.9	481	3.22	7.4	0.6	1.6	3.9	32	0.1	0.4	<0.1	75	0.46	0.048
1021682	Soil	0.9	12.2	9.1	108	<0.1	13.2	15.8	1343	3.26	2.7	0.3	5.1	1.4	24	0.2	0.3	<0.1	75	0.47	0.135
1021677	Soil	0.6	30.1	7.0	59	<0.1	20.7	17.6	375	3.28	4.8	0.3	1.9	2.2	27	0.2	0.3	<0.1	72	0.34	0.050
1021685	Soil	0.3	47.7	2.2	58	<0.1	6.1	24.0	682	4.02	1.1	0.4	1.1	0.9	28	<0.1	<0.1	<0.1	101	0.54	0.119
1021670	Soil	0.8	41.4	8.2	56	<0.1	25.8	13.9	506	3.27	7.8	0.5	0.7	4.6	23	<0.1	0.4	<0.1	70	0.39	0.075
1021676	Soil	1.1	24.2	10.1	72	<0.1	27.6	14.3	493	2.91	8.6	0.7	2.9	3.9	30	0.1	0.5	<0.1	63	0.43	0.077

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178C.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022531	Soil		6	28	1.56	294	0.188	<1	2.96	0.012	0.81	<0.1	<0.01	4.9	0.2	<0.05	9	<0.5	<0.2
1022535	Soil		13	16	1.26	202	0.307	<1	2.55	0.012	0.91	<0.1	<0.01	6.4	0.3	<0.05	12	<0.5	<0.2
1022517	Soil		11	36	0.60	202	0.091	1	2.15	0.013	0.05	<0.1	0.03	3.1	0.1	<0.05	6	0.5	<0.2
1022522	Soil		3	24	2.05	210	0.309	<1	2.93	0.009	0.55	<0.1	<0.01	1.1	0.1	<0.05	8	<0.5	<0.2
1022534	Soil		11	31	1.52	172	0.212	<1	2.54	0.020	0.39	<0.1	<0.01	7.9	0.2	<0.05	10	<0.5	<0.2
1022533	Soil		23	20	0.82	182	0.163	<1	2.06	0.010	0.55	<0.1	0.01	6.6	0.1	<0.05	9	<0.5	<0.2
1022639	Soil		16	36	0.45	139	0.060	<1	1.75	0.015	0.09	0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1022647	Soil		26	41	0.49	155	0.079	<1	2.05	0.029	0.10	0.1	0.04	5.0	<0.1	<0.05	6	<0.5	<0.2
1022643	Soil		15	43	0.38	206	0.050	2	1.32	0.014	0.17	0.2	0.04	2.8	<0.1	<0.05	4	0.9	<0.2
1022642	Soil		14	26	0.26	111	0.019	<1	1.23	0.010	0.10	<0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1022645	Soil		20	53	0.56	182	0.080	1	1.93	0.024	0.09	0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
1022641	Soil		8	19	0.25	130	0.020	<1	1.05	0.011	0.09	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
1022638	Soil		24	47	0.56	219	0.081	<1	2.02	0.032	0.09	0.1	0.03	5.4	<0.1	<0.05	6	<0.5	<0.2
1022646	Soil		19	47	0.54	153	0.086	<1	2.02	0.015	0.09	0.1	0.02	6.2	<0.1	<0.05	5	<0.5	<0.2
1022640	Soil		15	23	0.31	155	0.033	<1	1.17	0.012	0.15	0.1	<0.01	2.3	0.1	<0.05	4	<0.5	<0.2
1022637	Soil		19	50	0.47	141	0.054	<1	1.57	0.021	0.08	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1022636	Soil		13	26	0.30	134	0.031	<1	1.38	0.008	0.08	0.3	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1009004	Soil		15	40	0.42	167	0.067	<1	1.62	0.013	0.13	0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
1021769	Soil		9	27	1.42	264	0.123	<1	1.96	0.006	0.35	0.2	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1021768	Soil		13	26	0.85	256	0.040	<1	1.75	0.007	0.09	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1021767	Soil		10	27	0.73	450	0.035	<1	1.98	0.009	0.11	<0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1021765	Soil		3	13	2.05	222	0.106	<1	2.43	0.048	0.34	<0.1	<0.01	7.0	0.1	<0.05	7	<0.5	<0.2
1021672	Soil		7	39	1.07	294	0.149	<1	2.03	0.014	0.37	<0.1	<0.01	3.8	0.1	<0.05	5	<0.5	<0.2
1021673	Soil		9	29	1.28	168	0.152	1	2.20	0.013	0.26	<0.1	<0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1021669	Soil		13	33	1.07	296	0.163	2	1.98	0.012	0.37	<0.1	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1021682	Soil		5	23	0.72	369	0.108	1	1.79	0.031	0.10	<0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1021677	Soil		6	33	1.54	224	0.203	<1	2.53	0.014	0.18	<0.1	<0.01	1.8	0.1	<0.05	6	<0.5	<0.2
1021685	Soil		7	6	1.21	438	0.185	<1	2.19	0.019	0.72	<0.1	<0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1021670	Soil		11	39	1.06	306	0.146	<1	1.96	0.013	0.45	0.1	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1021676	Soil		10	39	0.77	319	0.096	2	1.98	0.016	0.09	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2

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CERTIFICATE OF ANALYSIS WHI11000178C.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021684	Soil	0.6	49.6	3.8	64	<0.1	15.9	15.8	552	4.22	3.6	0.6	1.4	4.7	19	<0.1	0.2	<0.1	80	0.32	0.058
1021680	Soil	1.2	18.2	8.4	125	<0.1	21.7	16.6	901	3.15	2.9	0.3	1.3	1.3	24	0.2	0.4	<0.1	61	0.34	0.079
1009001	Soil	0.7	12.1	23.6	32	<0.1	11.3	5.9	383	1.51	3.5	2.5	3.7	14.0	22	<0.1	0.3	11.1	38	0.27	0.012
1009003	Soil	1.6	16.9	24.6	40	<0.1	21.9	7.4	422	2.06	5.4	2.5	1.2	12.4	26	<0.1	0.4	7.3	46	0.30	0.032
1022650	Soil	2.2	23.9	18.1	41	<0.1	36.7	9.3	457	2.39	8.1	1.8	4.0	11.5	29	<0.1	0.5	6.1	52	0.37	0.026
1022648	Soil	0.9	14.6	19.2	33	<0.1	14.5	6.5	491	1.79	4.5	1.6	1.1	8.0	23	0.2	0.4	10.9	40	0.34	0.019
1009002	Soil	0.9	12.6	25.3	33	<0.1	12.8	6.2	392	1.66	3.6	2.3	3.3	15.0	21	<0.1	0.3	10.2	40	0.24	0.012
1022649	Soil	1.0	34.9	17.9	42	0.1	30.6	10.1	344	2.48	10.5	1.3	2.6	13.3	31	<0.1	0.5	5.2	55	0.41	0.012
1021714	Soil	0.5	17.7	6.5	70	<0.1	14.3	21.6	537	3.59	2.4	0.2	<0.5	2.0	37	0.2	0.1	<0.1	79	0.54	0.083
1021721	Soil	0.8	13.5	6.4	104	<0.1	14.5	18.1	768	4.56	6.4	0.3	1.8	1.7	18	0.1	0.3	<0.1	115	0.29	0.076
1021715	Soil	0.3	12.2	3.4	60	<0.1	15.8	21.9	468	3.51	3.2	0.2	1.1	3.4	48	<0.1	0.1	<0.1	75	0.64	0.094
1021716	Soil	0.3	11.8	2.9	68	<0.1	13.3	20.6	490	3.44	2.1	0.2	<0.5	2.1	28	<0.1	0.1	<0.1	77	0.47	0.060
1021717	Soil	0.8	32.5	6.5	57	<0.1	25.5	15.0	367	3.40	7.8	0.7	1.6	4.0	29	<0.1	0.4	<0.1	74	0.41	0.052
1021709	Soil	0.7	88.3	5.6	78	<0.1	20.5	21.3	551	3.77	4.4	0.4	<0.5	2.5	26	<0.1	0.2	<0.1	86	0.49	0.075
1021710	Soil	0.6	10.9	5.6	68	<0.1	14.2	13.5	652	2.57	3.3	0.3	1.5	2.7	31	0.1	0.3	<0.1	53	0.48	0.064
1021711	Soil	0.5	23.5	4.6	56	<0.1	17.2	15.7	452	3.00	4.6	0.2	2.4	2.4	25	<0.1	0.2	<0.1	69	0.32	0.060
1021727	Soil	1.1	12.2	5.8	80	<0.1	12.0	10.1	921	2.40	2.9	0.4	0.9	2.9	18	0.1	0.2	<0.1	38	0.21	0.059
1021726	Soil	1.0	60.8	8.9	74	<0.1	16.2	12.1	687	3.82	6.7	0.6	0.9	4.9	24	<0.1	0.3	0.1	65	0.27	0.049
1021724	Soil	0.7	99.4	4.7	73	<0.1	14.4	17.9	520	4.38	4.5	0.5	<0.5	5.4	32	<0.1	0.3	<0.1	77	0.48	0.064
1021718	Soil	0.8	16.4	7.7	67	<0.1	19.0	9.5	551	2.49	8.2	0.3	1.4	2.1	28	0.2	0.5	0.1	58	0.39	0.051
1021723	Soil	0.7	23.3	4.5	74	<0.1	20.1	21.4	812	5.04	3.9	0.6	0.7	3.5	34	<0.1	0.2	<0.1	100	0.63	0.204
1021713	Soil	0.8	14.4	6.0	42	<0.1	21.0	10.4	443	2.20	3.5	0.3	1.3	1.7	20	<0.1	0.4	0.1	51	0.27	0.031
1021708	Soil	0.5	18.8	3.1	93	<0.1	84.7	26.6	706	4.43	3.8	0.2	<0.5	1.9	30	<0.1	0.2	<0.1	95	0.74	0.196
1021719	Soil	1.2	16.1	8.2	87	<0.1	28.3	17.7	555	3.68	5.2	0.6	1.1	4.2	18	<0.1	0.4	0.1	77	0.25	0.045
1021766	Soil	1.0	25.5	6.1	48	<0.1	15.4	11.5	522	2.72	4.8	0.4	0.8	4.1	19	<0.1	0.4	0.1	47	0.34	0.041
1021763	Soil	1.3	32.6	7.1	86	<0.1	14.6	9.1	437	2.98	5.2	1.0	0.7	14.3	14	<0.1	0.4	0.2	36	0.30	0.058
1021764	Soil	0.7	20.9	5.8	74	<0.1	12.1	11.4	704	3.73	3.9	1.3	<0.5	12.0	13	<0.1	0.2	0.2	47	0.28	0.062
1021762	Soil	1.6	22.1	9.1	62	<0.1	19.5	11.7	699	3.51	6.5	1.5	2.3	16.9	16	<0.1	0.4	0.1	34	0.29	0.042
1021761	Soil	1.8	28.2	3.5	83	<0.1	12.6	14.9	553	4.50	1.9	1.6	0.7	13.6	17	<0.1	0.2	<0.1	63	0.32	0.065
1021760	Soil	0.5	24.3	6.9	78	<0.1	10.6	9.9	509	3.34	2.6	1.4	<0.5	15.0	20	<0.1	0.2	<0.1	45	0.32	0.068

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021684	Soil	15	29	1.18	378	0.250	<1	2.28	0.016	0.83	<0.1	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1021680	Soil	5	40	1.00	205	0.094	<1	1.98	0.011	0.08	<0.1	0.02	2.0	<0.1	<0.05	8	<0.5	<0.2
1009001	Soil	11	20	0.28	138	0.031	<1	1.15	0.010	0.08	<0.1	0.01	2.3	0.1	<0.05	4	<0.5	<0.2
1009003	Soil	13	38	0.38	182	0.051	1	1.38	0.014	0.10	0.2	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1022650	Soil	14	52	0.42	201	0.067	1	1.63	0.013	0.11	0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1022648	Soil	8	23	0.31	141	0.044	<1	1.15	0.011	0.12	0.1	0.02	2.1	<0.1	<0.05	4	<0.5	<0.2
1009002	Soil	11	23	0.28	129	0.032	<1	1.24	0.010	0.08	0.1	<0.01	2.6	0.1	<0.05	4	<0.5	<0.2
1022649	Soil	16	37	0.48	162	0.078	<1	1.58	0.023	0.09	0.1	0.03	4.9	<0.1	<0.05	5	<0.5	<0.2
1021714	Soil	2	25	1.82	404	0.250	<1	2.56	0.016	0.71	<0.1	<0.01	1.4	0.1	<0.05	6	<0.5	<0.2
1021721	Soil	6	22	1.34	460	0.257	<1	2.80	0.012	0.88	0.1	<0.01	2.0	0.3	<0.05	8	<0.5	<0.2
1021715	Soil	4	27	1.69	259	0.210	<1	2.50	0.021	0.35	<0.1	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1021716	Soil	2	22	1.93	352	0.256	<1	2.64	0.011	0.75	<0.1	<0.01	1.1	0.2	<0.05	6	<0.5	<0.2
1021717	Soil	15	39	1.24	285	0.165	1	2.25	0.013	0.22	0.1	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
1021709	Soil	8	31	1.98	321	0.249	<1	2.73	0.017	0.75	<0.1	0.01	2.5	0.3	<0.05	7	<0.5	<0.2
1021710	Soil	7	24	0.71	415	0.114	2	1.71	0.012	0.30	<0.1	0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
1021711	Soil	4	30	1.31	344	0.180	<1	1.96	0.012	0.72	<0.1	0.01	1.7	0.2	<0.05	5	<0.5	<0.2
1021727	Soil	6	19	0.48	363	0.082	<1	1.44	0.012	0.15	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1021726	Soil	5	27	0.96	283	0.203	<1	2.22	0.012	0.68	<0.1	<0.01	2.1	0.2	<0.05	8	<0.5	<0.2
1021724	Soil	8	20	1.14	326	0.175	<1	2.31	0.012	0.53	<0.1	0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1021718	Soil	7	28	0.53	305	0.048	<1	1.66	0.011	0.05	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1021723	Soil	12	26	1.70	458	0.266	<1	2.85	0.012	1.12	<0.1	<0.01	3.0	0.2	<0.05	9	<0.5	<0.2
1021713	Soil	6	41	0.66	288	0.064	1	1.41	0.016	0.06	0.1	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1021708	Soil	7	132	2.48	484	0.236	<1	3.12	0.016	0.67	0.1	0.01	2.5	0.2	<0.05	9	<0.5	<0.2
1021719	Soil	6	53	1.42	178	0.140	<1	2.34	0.008	0.28	<0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1021766	Soil	11	28	0.65	439	0.032	<1	1.66	0.009	0.12	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1021763	Soil	17	19	0.58	246	0.065	<1	1.46	0.007	0.31	<0.1	<0.01	3.4	0.1	<0.05	5	<0.5	<0.2
1021764	Soil	16	19	0.81	357	0.048	<1	1.79	0.007	0.31	<0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1021762	Soil	48	26	0.56	374	0.019	<1	1.54	0.008	0.14	<0.1	0.01	4.0	<0.1	<0.05	5	<0.5	<0.2
1021761	Soil	19	18	1.11	238	0.139	<1	2.11	0.009	0.62	<0.1	<0.01	4.4	0.2	<0.05	8	<0.5	<0.2
1021760	Soil	16	15	0.81	164	0.164	<1	1.66	0.007	0.46	0.1	<0.01	2.0	0.2	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178C.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021759	Soil	0.9	17.0	7.4	75	<0.1	16.6	12.5	554	3.51	4.3	0.9	<0.5	9.1	24	<0.1	0.3	0.3	53	0.34	0.058
1021758	Soil	0.8	9.1	9.0	79	<0.1	11.1	9.9	613	3.36	3.0	0.9	<0.5	10.1	16	<0.1	0.2	<0.1	44	0.26	0.055
1021756	Soil	0.8	11.2	7.2	83	<0.1	13.9	10.4	534	3.31	4.8	0.7	0.6	9.9	18	<0.1	0.3	<0.1	50	0.24	0.052
1021757	Soil	0.8	20.4	11.6	75	<0.1	82.7	20.5	551	5.31	5.0	1.3	1.2	13.9	16	<0.1	1.6	<0.1	95	0.36	0.081
1021755	Soil	2.9	17.0	9.7	73	<0.1	19.8	8.4	328	2.96	8.3	1.0	6.3	5.3	17	0.1	0.5	0.2	56	0.17	0.024
1021754	Soil	0.9	10.3	8.6	74	<0.1	12.3	10.2	472	3.59	4.6	1.0	<0.5	10.8	24	<0.1	0.4	<0.1	47	0.29	0.026
1021753	Soil	0.8	19.6	10.0	91	<0.1	8.2	8.0	545	3.45	2.8	1.1	<0.5	10.5	17	<0.1	0.2	<0.1	45	0.23	0.041
1021752	Soil	0.6	18.5	9.3	83	<0.1	5.6	7.5	511	3.36	2.0	0.9	<0.5	10.5	17	<0.1	0.2	<0.1	42	0.24	0.039
1021751	Soil	1.5	13.0	10.7	82	<0.1	21.9	9.6	686	2.96	7.2	0.5	0.5	4.0	22	0.1	0.4	0.2	61	0.25	0.048
1021725	Soil	0.4	11.4	2.5	34	<0.1	6.0	14.0	595	3.61	1.6	0.2	1.2	0.8	15	<0.1	<0.1	<0.1	86	0.76	0.196
1021712	Soil	0.6	21.5	5.7	80	<0.1	32.7	19.9	819	3.38	4.1	0.4	0.7	3.0	30	0.1	0.2	<0.1	81	0.51	0.065
1021722	Soil	0.9	36.0	4.8	51	<0.1	17.2	16.8	449	3.33	3.1	0.3	<0.5	2.2	16	<0.1	0.2	<0.1	65	0.29	0.054
1021720	Soil	1.4	15.2	10.0	84	0.2	21.8	11.1	657	3.33	7.7	0.4	2.4	2.8	28	0.1	0.5	0.2	73	0.38	0.061
1022899	Soil	0.8	12.8	5.6	49	<0.1	17.5	11.9	402	2.60	5.2	0.3	0.8	2.3	20	<0.1	0.3	<0.1	62	0.26	0.023
1022898	Soil	0.6	31.6	5.8	69	<0.1	24.1	16.5	450	3.29	6.0	0.3	1.3	3.3	21	<0.1	0.3	<0.1	74	0.37	0.063
1022897	Soil	0.6	20.3	3.2	82	<0.1	18.9	21.9	576	3.87	4.4	0.2	<0.5	2.0	24	<0.1	0.1	<0.1	93	0.33	0.044
1021853	Soil	0.6	92.2	7.1	100	<0.1	25.0	23.4	751	4.88	3.2	0.4	1.7	1.6	67	<0.1	0.2	<0.1	98	1.23	0.088
1022877	Soil	0.8	24.9	5.7	109	<0.1	65.8	17.1	546	4.11	4.4	1.3	<0.5	11.6	18	<0.1	0.2	<0.1	81	0.50	0.129
1022878	Soil	0.9	15.3	9.6	84	<0.1	19.8	11.4	536	3.68	8.4	1.1	1.8	7.2	20	0.1	0.5	0.1	66	0.27	0.038
1022867	Soil	1.0	26.6	8.2	54	<0.1	26.3	11.0	315	2.77	10.3	0.7	3.9	4.6	28	0.1	0.6	0.1	61	0.32	0.044
1022868	Soil	1.0	26.1	7.0	85	<0.1	26.0	19.4	568	4.61	7.0	0.6	1.7	4.9	18	<0.1	0.4	<0.1	121	0.34	0.085
1022873	Soil	0.7	19.7	4.7	90	<0.1	17.3	17.9	563	3.57	4.1	0.2	0.9	1.9	29	<0.1	0.3	<0.1	79	0.46	0.119
1022869	Soil	0.6	11.8	5.8	167	<0.1	18.6	23.5	911	4.50	3.7	0.3	<0.5	2.2	41	<0.1	0.2	<0.1	91	0.45	0.065
1022870	Soil	0.7	28.6	7.6	67	<0.1	30.1	20.2	657	3.72	4.3	0.6	1.6	4.0	74	<0.1	0.3	<0.1	89	0.69	0.054
1022872	Soil	0.7	27.3	7.1	66	<0.1	31.3	16.8	489	3.49	5.7	0.5	0.6	3.8	25	<0.1	0.3	<0.1	85	0.42	0.072
1021852	Soil	0.8	37.3	5.0	74	<0.1	49.8	21.4	495	3.38	4.3	0.4	1.0	3.4	19	<0.1	0.3	<0.1	83	0.33	0.075
1022876	Soil	1.1	38.6	7.3	70	<0.1	22.6	16.7	717	3.23	4.9	0.3	4.2	3.0	26	<0.1	0.3	0.1	73	0.32	0.062
1021851	Soil	0.9	43.3	6.2	73	<0.1	22.7	17.6	718	3.34	5.0	0.4	<0.5	3.1	28	<0.1	0.3	<0.1	78	0.35	0.068
1022875	Soil	1.0	22.9	10.2	84	<0.1	19.9	12.5	426	3.08	6.2	0.5	0.6	3.0	25	<0.1	0.3	<0.1	76	0.37	0.083
1022871	Soil	0.8	14.5	5.7	75	<0.1	17.0	15.0	914	2.94	4.7	0.2	1.0	2.0	24	<0.1	0.3	<0.1	75	0.38	0.104

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021759	Soil	14	24	1.02	178	0.075	<1	2.04	0.008	0.15	0.1	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1021758	Soil	14	20	0.65	228	0.115	<1	1.75	0.007	0.48	0.1	<0.01	2.4	0.3	<0.05	7	<0.5	<0.2
1021756	Soil	18	24	0.82	200	0.124	<1	2.01	0.008	0.47	<0.1	<0.01	2.1	0.3	<0.05	8	<0.5	<0.2
1021757	Soil	37	133	1.98	221	0.007	<1	2.85	0.007	0.07	1.1	0.01	10.4	<0.1	<0.05	10	<0.5	<0.2
1021755	Soil	14	32	0.48	216	0.042	<1	1.75	0.008	0.09	0.2	0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1021754	Soil	10	21	0.82	163	0.142	<1	2.15	0.008	0.35	0.2	0.02	2.0	0.2	<0.05	8	<0.5	<0.2
1021753	Soil	8	17	0.77	152	0.141	<1	1.93	0.008	0.49	<0.1	<0.01	1.4	0.3	<0.05	8	<0.5	<0.2
1021752	Soil	8	12	0.76	134	0.145	<1	1.94	0.008	0.52	<0.1	<0.01	1.3	0.3	<0.05	8	<0.5	<0.2
1021751	Soil	8	36	0.56	240	0.062	<1	1.98	0.008	0.06	0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1021725	Soil	2	8	0.86	251	0.153	<1	1.85	0.049	0.57	<0.1	<0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1021712	Soil	6	69	1.32	444	0.180	1	2.30	0.014	0.39	<0.1	0.01	2.6	0.1	<0.05	6	<0.5	<0.2
1021722	Soil	5	30	1.13	398	0.207	<1	1.93	0.012	0.89	<0.1	<0.01	1.7	0.3	<0.05	6	<0.5	<0.2
1021720	Soil	8	35	0.61	351	0.095	<1	2.02	0.010	0.10	0.1	0.02	2.5	<0.1	<0.05	7	<0.5	<0.2
1022899	Soil	6	28	0.82	342	0.146	1	1.56	0.011	0.45	0.1	0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1022898	Soil	9	32	1.26	419	0.197	2	2.02	0.015	0.98	0.1	0.01	2.9	0.2	<0.05	5	<0.5	<0.2
1022897	Soil	4	27	1.99	572	0.295	<1	2.53	0.014	1.50	<0.1	<0.01	1.6	0.3	<0.05	7	<0.5	<0.2
1021853	Soil	5	38	2.15	326	0.188	<1	3.41	0.021	0.20	0.1	0.02	3.7	<0.1	<0.05	10	<0.5	<0.2
1022877	Soil	18	108	1.83	248	0.185	1	2.41	0.023	0.72	<0.1	<0.01	5.0	0.2	<0.05	9	<0.5	<0.2
1022878	Soil	13	32	0.83	304	0.173	2	2.12	0.010	0.39	0.1	<0.01	3.5	0.1	<0.05	7	<0.5	<0.2
1022867	Soil	14	40	0.64	242	0.077	<1	1.65	0.015	0.06	0.2	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1022868	Soil	12	52	1.68	206	0.211	<1	3.05	0.011	0.16	0.1	0.01	2.8	<0.1	<0.05	10	<0.5	<0.2
1022873	Soil	5	29	1.49	452	0.207	<1	2.32	0.011	0.50	0.1	<0.01	1.6	0.2	<0.05	6	<0.5	<0.2
1022869	Soil	5	36	2.20	492	0.227	<1	3.08	0.010	0.78	0.1	<0.01	2.1	0.2	<0.05	10	<0.5	<0.2
1022870	Soil	8	52	1.63	198	0.148	<1	2.25	0.010	0.04	0.2	<0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
1022872	Soil	8	65	1.59	357	0.184	1	2.29	0.013	0.70	0.1	0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1021852	Soil	8	89	1.84	596	0.235	1	2.38	0.016	1.03	0.1	<0.01	2.2	0.3	<0.05	6	<0.5	<0.2
1022876	Soil	8	32	1.17	371	0.150	1	1.88	0.010	0.48	0.2	0.01	2.1	0.1	<0.05	6	<0.5	<0.2
1021851	Soil	8	33	1.24	378	0.163	2	2.03	0.011	0.52	0.1	0.01	2.2	0.1	<0.05	6	<0.5	<0.2
1022875	Soil	8	33	1.07	274	0.131	<1	1.92	0.014	0.27	0.1	0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1022871	Soil	5	30	1.21	550	0.164	1	1.95	0.014	0.60	0.1	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022874	Soil	0.9	50.1	7.8	80	<0.1	22.5	18.3	787	4.66	5.3	0.6	0.7	5.2	22	0.1	0.5	<0.1	85	0.32	0.056
1021812	Soil	1.2	46.7	18.8	64	<0.1	36.5	12.4	541	2.76	9.3	1.8	4.3	13.2	39	<0.1	0.7	5.6	66	0.84	0.033
1021815	Soil	1.5	16.8	34.9	34	<0.1	20.2	7.2	445	1.92	5.0	3.5	2.5	19.7	21	<0.1	0.4	15.2	47	0.29	0.012
1021814	Soil	1.3	52.8	19.5	52	<0.1	38.7	10.8	383	2.54	11.3	2.9	4.7	20.1	35	<0.1	0.6	3.6	64	0.54	0.015
1021807	Soil	1.5	23.3	15.6	48	<0.1	23.8	8.2	402	2.25	7.4	4.9	3.5	13.2	34	0.1	0.5	2.7	53	0.49	0.057
1021813	Soil	2.0	20.9	20.4	41	<0.1	37.3	9.7	386	2.38	8.5	2.7	<0.5	17.5	24	<0.1	0.4	2.3	57	0.28	0.012
1021809	Soil	2.4	28.2	40.5	37	<0.1	31.8	5.8	257	1.91	7.7	6.2	2.5	49.4	18	<0.1	0.4	13.9	41	0.18	0.012
1021835	Soil	1.6	9.0	29.5	30	<0.1	16.6	3.5	207	1.29	3.1	3.6	<0.5	15.4	18	<0.1	0.2	3.8	28	0.15	0.011
1021808	Soil	1.4	24.1	25.5	44	<0.1	24.7	7.7	445	2.06	7.0	5.5	2.4	32.3	34	<0.1	0.4	4.1	46	0.48	0.049
1021834	Soil	1.7	25.0	16.6	48	0.1	35.4	11.3	473	2.72	8.2	1.6	1.5	12.4	30	<0.1	0.6	0.8	66	0.37	0.017
1021806	Soil	1.2	51.6	38.8	40	0.2	32.2	6.6	445	1.65	6.4	4.4	3.9	32.3	59	0.1	0.5	10.5	36	1.82	0.030
1021805	Soil	1.3	52.8	28.9	41	0.1	34.8	7.6	396	1.86	8.8	3.6	10.3	31.8	42	<0.1	0.5	4.6	45	1.81	0.013
1021803	Soil	1.6	26.7	39.0	47	<0.1	28.1	8.2	566	2.20	6.6	4.5	2.0	27.3	31	<0.1	0.5	6.5	54	0.32	0.019
1021804	Soil	1.2	53.4	31.7	42	0.1	33.2	7.0	417	1.83	8.5	4.2	6.8	34.0	48	<0.1	0.5	5.2	43	2.30	0.014
1021810	Soil	1.6	35.0	20.1	57	0.1	35.6	11.2	616	2.70	9.9	2.3	3.7	16.4	36	0.1	0.5	2.0	65	0.52	0.045
1021801	Soil	3.0	31.6	14.8	63	<0.1	49.4	11.5	476	2.86	9.0	3.0	3.2	14.5	37	<0.1	0.6	0.7	71	0.57	0.066
1021802	Soil	1.3	30.2	26.9	52	<0.1	30.6	8.1	453	2.51	7.7	7.4	2.8	24.8	35	<0.1	0.6	1.1	58	0.44	0.040
1021811	Soil	2.4	42.4	40.0	52	<0.1	32.6	8.8	364	2.26	8.8	5.5	2.1	37.8	21	<0.1	0.4	32.0	48	0.26	0.019
1022930	Soil	1.2	28.9	11.2	77	<0.1	23.4	13.3	844	4.00	8.2	0.6	1.3	4.2	21	<0.1	0.4	0.2	77	0.26	0.024
1021555	Soil	2.3	18.6	12.1	75	<0.1	23.6	13.3	833	4.08	6.2	1.4	0.9	11.5	13	0.1	0.4	0.5	69	0.19	0.078
1022933	Soil	1.1	25.7	8.5	93	<0.1	21.1	10.1	572	3.33	5.2	0.9	<0.5	6.3	19	0.1	0.3	0.1	53	0.27	0.023
1022931	Soil	1.3	35.4	8.9	63	<0.1	34.3	15.0	427	3.43	9.3	1.0	3.3	5.7	27	<0.1	0.5	0.2	82	0.28	0.021
1021551	Soil	1.4	25.8	13.4	64	<0.1	26.8	12.6	490	3.50	9.7	0.9	0.8	7.5	23	<0.1	0.6	0.1	84	0.23	0.021
1022928	Soil	0.9	47.2	6.3	68	<0.1	28.8	16.2	565	3.37	6.8	0.5	2.3	3.3	35	0.2	0.4	0.1	80	0.57	0.085
1022929	Soil	0.8	44.8	16.3	83	<0.1	32.0	28.3	770	4.66	5.3	0.3	<0.5	2.9	48	<0.1	0.3	<0.1	116	0.52	0.055
1022938	Soil	1.0	45.5	5.8	85	<0.1	17.4	27.6	859	6.05	1.8	1.0	1.4	5.6	36	<0.1	0.6	<0.1	126	0.72	0.076
1021552	Soil	2.1	25.8	12.8	77	<0.1	14.1	12.7	635	4.28	4.2	1.5	<0.5	11.1	19	0.2	0.5	<0.1	56	0.23	0.031
1022949	Soil	0.7	30.4	23.8	190	<0.1	29.6	29.1	897	7.48	5.7	1.1	0.5	6.0	17	<0.1	0.5	0.2	138	0.28	0.069
1022950	Soil	1.5	36.1	17.5	149	0.1	19.7	13.1	715	4.74	7.3	1.3	<0.5	7.5	16	0.1	0.4	0.2	92	0.19	0.036
1022932	Soil	1.3	26.9	9.0	59	<0.1	33.7	11.6	362	3.29	10.7	0.6	<0.5	6.6	19	<0.1	0.5	0.2	75	0.25	0.033

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178C.2

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022874	Soil	13	35	1.50	395	0.098	1	2.55	0.009	0.42	0.2	0.01	6.0	<0.1	<0.05	7	0.6	<0.2
1021812	Soil	16	47	0.72	176	0.097	2	1.68	0.026	0.11	0.1	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1021815	Soil	12	35	0.30	153	0.052	<1	1.29	0.010	0.08	0.2	0.01	2.6	<0.1	<0.05	4	<0.5	<0.2
1021814	Soil	21	47	0.62	165	0.092	1	1.47	0.026	0.08	0.1	0.04	4.4	<0.1	<0.05	5	<0.5	<0.2
1021807	Soil	15	34	0.47	201	0.070	1	1.26	0.021	0.06	0.2	0.02	3.1	<0.1	<0.05	4	0.6	<0.2
1021813	Soil	16	62	0.43	163	0.059	<1	1.66	0.010	0.11	0.1	0.02	4.2	0.1	<0.05	5	<0.5	<0.2
1021809	Soil	38	51	0.33	82	0.036	<1	1.44	0.011	0.09	0.2	0.03	4.7	<0.1	<0.05	4	<0.5	<0.2
1021835	Soil	8	27	0.21	43	0.012	<1	1.12	0.007	0.06	0.1	<0.01	1.2	0.1	<0.05	3	<0.5	<0.2
1021808	Soil	28	37	0.45	144	0.063	<1	1.24	0.022	0.08	0.2	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1021834	Soil	18	58	0.56	193	0.097	1	1.68	0.021	0.11	0.1	0.03	5.0	<0.1	<0.05	5	<0.5	<0.2
1021806	Soil	21	30	0.43	142	0.036	1	1.18	0.017	0.11	0.2	0.06	2.6	0.1	<0.05	4	0.6	<0.2
1021805	Soil	21	42	0.41	136	0.048	<1	1.36	0.016	0.07	0.2	0.06	3.6	<0.1	<0.05	4	<0.5	<0.2
1021803	Soil	22	45	0.46	174	0.065	<1	1.54	0.019	0.09	0.2	0.02	4.1	0.1	<0.05	5	<0.5	<0.2
1021804	Soil	22	39	0.42	135	0.044	1	1.41	0.017	0.07	0.2	0.07	3.4	<0.1	<0.05	4	<0.5	<0.2
1021810	Soil	18	50	0.61	231	0.092	1	1.72	0.028	0.09	0.1	0.04	5.1	<0.1	<0.05	5	0.5	<0.2
1021801	Soil	18	76	0.68	247	0.103	2	1.68	0.028	0.09	0.2	0.02	5.2	<0.1	<0.05	5	<0.5	<0.2
1021802	Soil	20	47	0.53	217	0.074	1	1.69	0.025	0.09	0.1	0.03	4.8	0.1	<0.05	5	0.6	<0.2
1021811	Soil	24	46	0.41	119	0.057	<1	1.65	0.010	0.09	0.3	0.02	5.5	<0.1	<0.05	5	0.6	<0.2
1022930	Soil	10	37	0.84	304	0.103	1	2.45	0.014	0.14	0.1	0.01	5.1	0.1	<0.05	8	<0.5	<0.2
1021555	Soil	9	42	0.60	155	0.032	2	1.92	0.009	0.08	<0.1	0.02	5.3	<0.1	<0.05	8	<0.5	<0.2
1022933	Soil	11	32	0.60	275	0.064	1	2.29	0.008	0.14	0.1	0.01	4.3	<0.1	<0.05	7	<0.5	<0.2
1022931	Soil	20	57	0.91	269	0.147	1	2.49	0.013	0.06	0.1	0.03	4.7	<0.1	<0.05	7	<0.5	<0.2
1021551	Soil	16	46	0.70	189	0.085	1	2.18	0.016	0.06	0.1	0.03	5.4	<0.1	<0.05	7	<0.5	<0.2
1022928	Soil	10	39	1.28	315	0.164	2	1.84	0.022	0.26	0.2	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1022929	Soil	4	50	2.25	245	0.230	<1	2.93	0.010	0.28	0.1	<0.01	4.1	<0.1	<0.05	9	<0.5	<0.2
1022938	Soil	14	29	2.03	560	0.166	1	2.83	0.009	0.73	<0.1	<0.01	16.5	0.2	<0.05	8	<0.5	<0.2
1021552	Soil	13	25	0.64	223	0.023	<1	1.72	0.006	0.11	<0.1	0.01	3.6	<0.1	<0.05	8	<0.5	<0.2
1022949	Soil	16	67	1.18	319	0.047	1	2.31	0.008	0.30	<0.1	0.03	16.6	0.1	<0.05	9	0.7	<0.2
1022950	Soil	12	44	0.93	247	0.052	<1	2.18	0.013	0.08	<0.1	0.01	7.5	<0.1	<0.05	8	<0.5	<0.2
1022932	Soil	11	53	0.77	238	0.119	1	2.33	0.011	0.09	0.2	0.02	3.4	<0.1	<0.05	7	0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021556	Soil	1.1	17.4	22.0	141	<0.1	9.0	6.3	407	2.77	4.9	1.0	2.7	7.7	19	<0.1	0.2	<0.1	32	0.20	0.016
1021558	Soil	0.7	23.1	7.2	129	<0.1	142.3	25.1	717	4.47	7.3	0.7	3.3	6.1	28	<0.1	0.4	0.1	102	0.48	0.106
1021560	Soil	0.4	23.6	10.7	80	<0.1	8.1	20.3	622	5.22	3.2	0.6	2.5	2.4	17	<0.1	0.2	<0.1	143	0.64	0.152
1021557	Soil	0.9	18.6	8.3	61	<0.1	16.4	10.8	491	3.53	7.3	0.8	2.4	9.9	13	<0.1	0.4	0.1	58	0.19	0.048
1021559	Soil	0.7	22.1	20.4	193	<0.1	13.9	15.8	574	4.81	7.8	1.8	2.4	9.0	22	0.4	0.3	<0.1	95	0.44	0.070
1022937	Soil	0.8	38.9	6.7	84	<0.1	18.2	25.5	802	5.59	1.8	0.9	2.9	5.0	32	<0.1	0.6	<0.1	118	0.76	0.068
1022934	Soil	1.2	48.1	16.5	66	<0.1	29.4	14.5	756	3.62	6.7	0.5	1.7	3.8	16	<0.1	0.4	<0.1	72	0.27	0.031
1022939	Soil	1.0	31.7	7.6	57	<0.1	38.0	16.1	440	3.08	7.2	0.4	3.7	3.5	14	0.1	0.4	<0.1	79	0.28	0.029
1022940	Soil	0.7	21.4	8.4	50	<0.1	21.6	12.0	320	2.85	9.8	1.0	29.1	4.4	21	<0.1	0.5	0.1	65	0.23	0.025
1021553	Soil	0.8	50.2	7.0	66	<0.1	18.5	28.3	1080	5.70	5.1	0.7	1.9	2.8	34	<0.1	0.6	0.3	130	0.43	0.041
1022935	Soil	1.1	26.8	8.5	78	0.1	26.4	12.2	373	3.33	9.1	0.4	2.6	2.5	17	0.1	0.5	0.2	78	0.27	0.064
1021554	Soil	1.5	20.3	10.3	108	<0.1	25.0	18.5	718	5.01	5.7	0.7	7.7	4.6	22	<0.1	0.3	<0.1	103	0.45	0.031
1022945	Soil	1.1	39.7	26.3	175	0.2	29.4	11.6	582	3.41	6.9	1.5	2.4	11.6	22	0.3	0.4	0.1	51	0.32	0.048
1022942	Soil	1.0	51.4	10.1	137	0.2	30.1	20.1	799	4.70	5.8	0.7	2.7	9.0	15	<0.1	0.2	<0.1	100	0.22	0.018
1022941	Soil	0.7	24.2	6.5	97	<0.1	32.9	22.3	993	4.13	4.4	0.7	0.7	5.4	17	<0.1	0.2	<0.1	103	0.44	0.046
1022944	Soil	0.7	24.9	29.9	154	<0.1	15.2	6.4	452	2.99	7.4	0.7	<0.5	4.9	24	0.1	0.3	0.1	41	0.28	0.014
1022948	Soil	1.1	28.8	9.6	58	0.1	28.4	12.6	646	3.19	9.6	0.8	3.1	4.6	30	<0.1	0.6	0.2	78	0.44	0.045
1022943	Soil	1.0	22.4	10.0	94	<0.1	19.9	9.7	407	3.57	10.5	0.7	3.1	5.5	11	<0.1	0.6	0.1	55	0.09	0.019
1022946	Soil	1.1	20.1	7.0	84	<0.1	14.9	21.2	613	4.89	5.5	0.7	1.6	5.2	18	<0.1	0.3	<0.1	99	0.27	0.034
1022947	Soil	1.8	27.6	13.5	76	<0.1	22.8	13.6	664	3.68	7.9	1.5	8.1	12.9	23	<0.1	0.5	0.1	69	0.39	0.037
1022803	Soil	0.2	174.9	1.7	25	<0.1	225.1	40.1	244	3.04	2.8	<0.1	1.5	0.4	9	<0.1	<0.1	<0.1	52	0.32	0.035
1022804	Soil	0.6	74.1	5.2	54	<0.1	129.2	31.3	350	3.27	3.2	0.2	1.2	0.9	20	<0.1	0.2	<0.1	116	0.45	0.046
1022805	Soil	0.3	40.4	3.7	125	<0.1	9.0	14.5	631	5.34	2.3	0.5	1.8	9.2	23	<0.1	0.1	<0.1	83	0.35	0.096
1022808	Soil	0.6	14.2	8.8	64	<0.1	12.0	7.8	303	1.92	4.7	1.2	2.4	3.4	67	0.2	0.2	<0.1	31	1.58	0.059
1022810	Soil	0.1	204.0	1.6	33	<0.1	270.0	55.6	385	3.87	1.4	<0.1	1.2	0.2	15	<0.1	<0.1	<0.1	144	0.52	0.007
1022816	Soil	0.2	211.5	1.9	34	<0.1	284.0	58.9	410	4.13	1.4	<0.1	1.3	0.2	18	<0.1	<0.1	<0.1	150	0.55	0.007
1022818	Soil	0.9	109.5	9.3	93	0.1	25.9	19.3	764	4.70	4.9	1.8	1.3	12.0	21	<0.1	0.2	<0.1	120	0.42	0.065
1022819	Soil	0.3	33.4	3.2	82	<0.1	16.9	22.1	502	4.49	2.4	0.3	0.6	2.4	38	<0.1	<0.1	<0.1	111	0.45	0.053
1022820	Soil	0.8	58.7	6.6	94	<0.1	31.3	18.1	1170	4.22	4.2	0.6	0.9	6.5	23	0.2	0.2	<0.1	75	0.31	0.087
1022821	Soil	1.1	21.4	13.4	74	<0.1	26.7	13.1	471	3.34	11.1	0.4	1.6	3.9	16	0.1	0.6	0.2	73	0.16	0.029

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021556	Soil	10	15	0.43	133	0.066	1	1.62	0.008	0.07	<0.1	0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1021558	Soil	16	324	2.09	515	0.174	2	2.95	0.012	0.43	<0.1	<0.01	6.7	0.3	<0.05	10	<0.5	<0.2
1021560	Soil	7	13	1.27	273	0.235	1	2.50	0.032	0.71	<0.1	<0.01	3.7	0.1	<0.05	10	<0.5	<0.2
1021557	Soil	11	29	0.87	185	0.085	<1	2.02	0.007	0.10	0.1	0.01	2.9	<0.1	<0.05	8	<0.5	<0.2
1021559	Soil	19	26	1.13	255	0.142	<1	2.55	0.019	0.08	<0.1	0.01	6.7	<0.1	<0.05	11	<0.5	<0.2
1022937	Soil	17	29	2.04	552	0.143	1	2.80	0.008	0.52	<0.1	<0.01	15.6	0.2	<0.05	8	<0.5	<0.2
1022934	Soil	7	50	1.06	207	0.117	<1	2.27	0.012	0.08	0.1	<0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
1022939	Soil	7	74	1.17	177	0.129	1	2.36	0.017	0.07	0.1	0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1022940	Soil	15	36	0.63	210	0.082	1	1.93	0.013	0.05	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1021553	Soil	10	40	1.90	240	0.084	2	3.40	0.013	0.07	<0.1	0.02	12.1	<0.1	<0.05	9	<0.5	<0.2
1022935	Soil	7	47	0.62	212	0.068	1	2.45	0.011	0.09	0.1	0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1021554	Soil	11	54	1.53	271	0.214	1	3.23	0.021	0.07	<0.1	0.01	4.9	<0.1	<0.05	9	<0.5	<0.2
1022945	Soil	25	34	1.04	375	0.112	<1	2.25	0.010	0.33	0.1	0.02	5.0	0.2	<0.05	6	<0.5	<0.2
1022942	Soil	9	74	2.20	474	0.287	<1	3.42	0.011	0.65	0.1	<0.01	3.6	0.4	<0.05	11	<0.5	<0.2
1022941	Soil	6	80	1.94	305	0.263	<1	2.85	0.016	0.50	0.1	<0.01	3.3	0.2	<0.05	9	<0.5	<0.2
1022944	Soil	23	24	0.55	257	0.097	1	1.79	0.009	0.14	<0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1022948	Soil	15	49	0.73	325	0.099	<1	2.02	0.017	0.06	0.2	0.03	5.8	<0.1	<0.05	6	<0.5	<0.2
1022943	Soil	9	36	0.61	224	0.096	<1	2.53	0.008	0.19	0.1	0.03	3.9	0.1	<0.05	8	<0.5	<0.2
1022946	Soil	6	23	1.67	174	0.201	<1	2.83	0.008	0.47	0.2	<0.01	3.7	0.3	<0.05	7	<0.5	<0.2
1022947	Soil	39	42	0.77	323	0.071	1	2.11	0.011	0.08	0.1	0.03	6.7	<0.1	<0.05	6	<0.5	<0.2
1022803	Soil	2	102	1.63	52	0.053	<1	0.90	0.018	0.03	<0.1	<0.01	2.7	<0.1	<0.05	2	<0.5	<0.2
1022804	Soil	3	303	2.85	555	0.192	1	2.86	0.016	0.42	<0.1	<0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1022805	Soil	23	15	1.91	628	0.341	<1	3.25	0.017	1.33	<0.1	<0.01	5.0	0.3	<0.05	14	<0.5	<0.2
1022808	Soil	15	19	0.42	567	0.027	2	0.97	0.016	0.09	0.1	0.05	1.9	<0.1	0.07	3	<0.5	<0.2
1022810	Soil	<1	595	5.91	1330	0.261	<1	4.00	0.028	1.80	<0.1	<0.01	5.1	0.5	<0.05	7	<0.5	<0.2
1022816	Soil	<1	619	6.27	1425	0.285	<1	4.27	0.032	1.90	<0.1	<0.01	5.3	0.5	<0.05	7	<0.5	<0.2
1022818	Soil	16	64	1.70	385	0.243	<1	2.53	0.011	0.82	<0.1	0.02	8.9	0.4	<0.05	10	0.5	<0.2
1022819	Soil	7	30	1.92	358	0.313	<1	2.78	0.016	0.91	<0.1	<0.01	2.7	0.2	<0.05	9	<0.5	<0.2
1022820	Soil	18	41	1.32	441	0.222	<1	2.88	0.014	0.82	<0.1	0.01	2.4	0.4	<0.05	9	<0.5	<0.2
1022821	Soil	10	41	0.85	247	0.071	1	2.80	0.009	0.09	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000178C.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022822	Soil		5.2	28.7	10.0	69	0.2	18.6	7.9	351	2.98	7.9	1.7	1.7	6.2	27	0.1	0.3	0.6	55	0.30	0.055
1022823	Soil		2.0	31.2	10.5	70	0.2	17.0	9.4	352	3.15	8.1	2.6	2.0	13.1	31	0.1	0.4	0.4	63	0.13	0.024
1022801	Soil		0.3	26.0	3.0	76	<0.1	22.0	28.4	526	3.41	3.1	0.4	1.0	3.9	25	<0.1	0.1	<0.1	79	0.63	0.117
1022684	Soil		0.9	12.5	12.2	36	<0.1	11.4	4.8	135	2.25	8.0	0.5	4.9	2.0	16	<0.1	0.3	0.2	69	0.16	0.036
1022683	Soil		0.9	32.2	8.8	61	<0.1	32.5	11.8	338	2.94	9.1	0.7	4.2	5.7	22	<0.1	0.5	0.1	68	0.31	0.049
1022682	Soil		0.9	48.7	8.8	63	0.2	27.8	12.1	508	3.40	8.8	1.1	0.6	4.8	24	<0.1	0.5	0.2	64	0.25	0.034
1022681	Soil		1.5	20.7	7.8	45	<0.1	18.6	9.8	267	3.10	8.1	0.6	2.5	1.9	13	0.1	0.5	0.2	54	0.19	0.050
1022680	Soil		1.1	11.5	7.9	68	<0.1	14.1	13.6	624	4.33	5.1	0.7	2.4	4.5	13	<0.1	0.4	0.1	83	0.22	0.036
1022679	Soil		0.9	38.0	8.9	57	<0.1	24.9	11.1	364	3.41	9.5	1.8	3.9	10.2	20	<0.1	0.4	0.2	66	0.23	0.024
1022678	Soil		1.0	19.6	8.2	60	<0.1	23.8	13.9	368	3.45	9.6	0.6	3.2	5.1	14	<0.1	0.4	0.2	72	0.14	0.023
1022666	Soil		1.1	19.5	9.5	47	<0.1	17.5	8.7	266	2.87	9.1	0.9	3.0	2.8	15	<0.1	0.4	0.2	55	0.17	0.046
1022665	Soil		1.0	37.9	17.1	118	<0.1	13.9	10.8	839	3.82	6.7	1.1	2.5	12.1	16	0.2	0.3	0.2	37	0.16	0.025
1022664	Soil		0.9	24.6	19.8	69	<0.1	17.6	9.4	347	3.41	8.5	0.8	4.0	5.7	16	0.2	0.3	0.2	63	0.17	0.031
1022663	Soil		1.1	25.5	12.4	72	0.5	19.9	10.7	392	3.49	8.5	1.1	2.0	6.2	17	<0.1	0.5	0.2	69	0.16	0.024
1022662	Soil		1.1	24.7	9.3	68	<0.1	15.5	9.7	333	3.83	7.5	1.0	3.1	5.7	14	0.2	0.4	0.2	74	0.19	0.056
1022661	Soil		1.1	14.5	9.2	38	0.1	9.6	5.7	323	2.30	5.8	0.4	1.7	1.6	17	0.1	0.3	0.2	57	0.18	0.039
1022660	Soil		0.8	32.3	8.2	76	<0.1	19.9	10.7	386	3.32	6.0	1.5	2.3	16.4	18	0.1	0.4	0.1	62	0.19	0.021
1022659	Soil		0.7	348.9	5.8	378	<0.1	24.9	34.9	1527	8.34	2.3	17.9	<0.5	40.5	42	1.2	0.1	0.1	140	0.80	0.248
1022658	Soil		0.9	31.7	9.2	132	<0.1	16.7	22.5	669	6.31	6.4	0.7	<0.5	5.6	27	0.1	0.3	<0.1	158	0.46	0.121
1022657	Soil		1.4	22.2	11.0	53	0.2	22.0	11.4	515	3.29	9.8	0.5	1.3	3.7	12	<0.1	0.6	0.2	67	0.15	0.037
1022656	Soil		0.8	25.6	6.3	70	<0.1	19.8	15.8	599	3.94	6.3	0.8	2.9	3.6	31	<0.1	0.3	<0.1	91	0.44	0.055
1022655	Soil		0.3	55.1	2.4	34	<0.1	28.5	18.3	253	2.67	1.9	0.3	<0.5	1.6	20	<0.1	0.1	<0.1	65	0.64	0.140
1022654	Soil		0.8	52.6	5.6	52	<0.1	25.0	18.4	347	3.25	6.7	0.5	<0.5	3.4	24	<0.1	0.2	<0.1	72	0.52	0.122
1022653	Soil		1.1	17.4	9.3	60	<0.1	25.5	12.6	330	3.94	8.0	0.5	<0.5	5.1	13	0.1	0.5	0.2	76	0.14	0.034
1022652	Soil		2.3	102.9	15.0	136	<0.1	33.4	9.6	270	5.67	0.9	0.8	2.2	10.9	19	<0.1	<0.1	0.4	79	0.12	0.061
1022651	Soil		1.9	91.1	17.6	157	<0.1	25.6	9.5	284	5.74	1.6	0.9	2.6	11.7	17	<0.1	0.1	0.4	79	0.10	0.053

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022822	Soil	21	32	0.65	281	0.068	<1	1.76	0.016	0.12	0.1	0.03	3.8	0.1	0.06	6	<0.5	<0.2
1022823	Soil	26	32	0.61	981	0.086	<1	1.99	0.010	0.12	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1022801	Soil	6	50	1.98	176	0.233	<1	2.33	0.019	0.66	0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2
1022684	Soil	12	26	0.37	132	0.071	<1	1.52	0.008	0.05	<0.1	0.03	2.2	0.1	<0.05	8	<0.5	<0.2
1022683	Soil	13	41	0.70	274	0.089	1	2.35	0.012	0.07	0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1022682	Soil	20	41	0.67	267	0.088	2	2.18	0.012	0.06	0.1	0.03	5.6	0.1	0.11	7	1.5	<0.2
1022681	Soil	8	31	0.45	172	0.051	2	2.15	0.008	0.06	0.2	0.03	2.5	<0.1	0.08	5	0.6	<0.2
1022680	Soil	9	28	1.12	157	0.099	2	2.51	0.009	0.31	<0.1	0.03	3.4	0.2	0.07	9	0.7	<0.2
1022679	Soil	23	40	0.74	245	0.080	<1	2.37	0.010	0.07	0.1	0.02	5.8	0.1	<0.05	6	<0.5	<0.2
1022678	Soil	9	36	0.77	157	0.090	1	2.75	0.007	0.06	<0.1	0.03	3.3	0.2	<0.05	7	0.8	<0.2
1022666	Soil	12	29	0.46	201	0.058	4	1.82	0.009	0.05	0.2	0.03	3.0	0.1	<0.05	5	0.5	<0.2
1022665	Soil	28	18	0.44	376	0.031	1	1.55	0.007	0.11	<0.1	0.02	4.6	0.1	<0.05	4	1.6	<0.2
1022664	Soil	13	31	0.62	131	0.092	<1	2.14	0.008	0.08	0.1	0.04	3.6	0.1	<0.05	7	0.6	<0.2
1022663	Soil	18	36	0.84	169	0.113	1	2.53	0.011	0.11	<0.1	0.04	5.1	0.2	<0.05	7	1.0	<0.2
1022662	Soil	16	31	0.76	179	0.121	2	2.34	0.010	0.30	0.1	0.02	2.8	0.2	<0.05	7	0.6	<0.2
1022661	Soil	9	20	0.37	185	0.067	<1	1.18	0.008	0.10	<0.1	<0.01	1.8	0.1	<0.05	6	0.6	<0.2
1022660	Soil	33	33	0.81	187	0.099	1	2.25	0.009	0.08	<0.1	0.01	4.2	0.2	<0.05	7	0.7	<0.2
1022659	Soil	65	44	2.49	441	0.358	<1	3.40	0.021	1.76	<0.1	0.02	4.6	0.9	<0.05	13	1.6	<0.2
1022658	Soil	9	34	2.03	364	0.314	<1	3.40	0.014	0.57	<0.1	<0.01	4.8	0.2	<0.05	13	0.9	<0.2
1022657	Soil	9	35	0.49	179	0.067	<1	2.13	0.009	0.06	0.1	0.04	3.1	0.1	<0.05	6	0.8	<0.2
1022656	Soil	12	33	1.19	341	0.192	<1	2.32	0.016	0.25	0.2	0.03	5.8	0.2	<0.05	7	0.9	<0.2
1022655	Soil	8	51	1.12	265	0.157	<1	1.84	0.028	0.26	<0.1	<0.01	3.3	0.1	<0.05	5	0.5	<0.2
1022654	Soil	8	37	0.96	160	0.117	2	2.59	0.031	0.06	<0.1	0.02	4.4	<0.1	<0.05	5	1.0	<0.2
1022653	Soil	8	45	1.03	235	0.152	1	2.72	0.007	0.32	0.1	0.02	2.3	0.2	<0.05	8	0.7	<0.2
1022652	Soil	14	88	1.53	444	0.094	<1	2.98	0.019	0.66	<0.1	0.01	7.2	0.3	0.14	10	3.4	0.9
1022651	Soil	16	58	1.48	405	0.106	2	3.11	0.019	0.66	<0.1	0.03	6.0	0.3	0.10	10	2.7	0.7

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178C.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1022885	Soil	0.3	9.1	3.6	65	<0.1	3.8	7.4	469	2.62	1.1	1.3	<0.5	15.8	15	<0.1	<0.1	<0.1	36	0.26	0.058
REP 1022885	QC	0.2	9.0	3.6	66	<0.1	4.0	7.4	478	2.66	1.1	1.3	0.8	16.2	15	<0.1	<0.1	<0.1	38	0.25	0.057
1022570	Soil	1.3	11.8	6.1	59	<0.1	12.5	12.4	556	2.90	4.4	0.6	<0.5	4.6	19	0.1	0.4	<0.1	50	0.38	0.039
REP 1022570	QC	1.5	12.0	6.5	61	<0.1	12.7	12.0	545	2.85	4.7	0.6	19.0	4.9	18	<0.1	0.4	<0.1	51	0.39	0.040
1021526	Soil	0.5	24.0	5.4	69	0.1	19.9	18.6	547	3.46	4.4	0.4	1.5	3.3	20	<0.1	0.3	<0.1	87	0.34	0.031
REP 1021526	QC	0.6	25.0	5.3	70	0.1	20.7	18.8	558	3.59	4.7	0.4	1.5	3.4	20	<0.1	0.3	<0.1	87	0.34	0.031
1022521	Soil	0.4	16.2	4.3	153	<0.1	9.7	21.3	887	6.02	1.8	1.1	<0.5	14.0	30	<0.1	<0.1	<0.1	107	0.38	0.059
REP 1022521	QC	0.3	16.4	3.9	153	<0.1	10.0	21.6	880	6.11	1.9	1.1	<0.5	13.5	30	<0.1	<0.1	<0.1	107	0.38	0.058
1022529	Soil	0.5	21.1	4.5	79	<0.1	16.2	22.0	817	4.67	3.8	0.3	<0.5	2.1	26	<0.1	0.2	<0.1	104	0.28	0.051
REP 1022529	QC	0.5	20.3	4.6	77	<0.1	15.6	21.7	808	4.61	3.4	0.2	<0.5	2.0	26	<0.1	0.2	<0.1	103	0.29	0.049
1022523	Soil	0.9	11.3	5.8	77	<0.1	15.9	21.1	723	4.30	5.9	0.3	1.6	1.9	19	<0.1	0.3	<0.1	92	0.29	0.058
REP 1022523	QC	0.8	11.0	5.7	77	<0.1	15.0	21.0	752	4.30	6.4	0.3	2.5	2.0	20	<0.1	0.2	<0.1	94	0.29	0.058
1021673	Soil	0.9	30.8	8.5	51	<0.1	20.3	15.8	352	2.95	5.3	0.5	5.4	3.5	34	<0.1	0.3	<0.1	65	0.55	0.068
REP 1021673	QC	0.8	30.8	8.3	52	<0.1	20.4	15.8	337	2.95	5.0	0.5	5.5	3.4	32	<0.1	0.3	<0.1	62	0.51	0.060
1009002	Soil	0.9	12.6	25.3	33	<0.1	12.8	6.2	392	1.66	3.6	2.3	3.3	15.0	21	<0.1	0.3	10.2	40	0.24	0.012
REP 1009002	QC	0.9	12.5	24.7	33	<0.1	12.8	6.4	399	1.64	3.4	2.6	3.5	14.9	20	<0.1	0.3	10.4	40	0.24	0.012
1021719	Soil	1.2	16.1	8.2	87	<0.1	28.3	17.7	555	3.68	5.2	0.6	1.1	4.2	18	<0.1	0.4	0.1	77	0.25	0.045
REP 1021719	QC	1.0	15.9	7.9	86	<0.1	28.0	17.4	553	3.73	5.2	0.6	0.7	4.2	18	<0.1	0.3	0.1	77	0.25	0.044
1021720	Soil	1.4	15.2	10.0	84	0.2	21.8	11.1	657	3.33	7.7	0.4	2.4	2.8	28	0.1	0.5	0.2	73	0.38	0.061
REP 1021720	QC	1.3	14.8	9.9	85	0.2	22.1	11.2	641	3.30	7.7	0.4	1.9	2.8	28	0.1	0.5	0.2	73	0.37	0.058
1021851	Soil	0.9	43.3	6.2	73	<0.1	22.7	17.6	718	3.34	5.0	0.4	<0.5	3.1	28	<0.1	0.3	<0.1	78	0.35	0.068
REP 1021851	QC	1.0	43.2	6.2	74	<0.1	22.4	17.7	735	3.44	5.1	0.4	0.8	3.1	28	0.1	0.3	<0.1	79	0.36	0.068
1022928	Soil	0.9	47.2	6.3	68	<0.1	28.8	16.2	565	3.37	6.8	0.5	2.3	3.3	35	0.2	0.4	0.1	80	0.57	0.085
REP 1022928	QC	0.9	46.7	6.3	67	<0.1	29.0	15.7	554	3.27	6.8	0.5	3.0	3.3	35	0.1	0.5	0.1	79	0.58	0.086
1022934	Soil	1.2	48.1	16.5	66	<0.1	29.4	14.5	756	3.62	6.7	0.5	1.7	3.8	16	<0.1	0.4	<0.1	72	0.27	0.031
REP 1022934	QC	1.3	48.9	16.7	65	<0.1	28.9	14.3	758	3.58	6.9	0.5	1.5	3.9	16	0.1	0.3	<0.1	70	0.28	0.031
1022803	Soil	0.2	174.9	1.7	25	<0.1	225.1	40.1	244	3.04	2.8	<0.1	1.5	0.4	9	<0.1	<0.1	<0.1	52	0.32	0.035
REP 1022803	QC	0.2	173.6	1.7	25	<0.1	222.1	39.2	242	2.97	2.6	<0.1	1.4	0.5	9	<0.1	<0.1	<0.1	51	0.31	0.033

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QUALITY CONTROL REPORT WHI11000178C.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1022885	Soil	28	9	0.70	100	0.116	<1	1.47	0.008	0.36	<0.1	<0.01	2.3	0.2	<0.05	7	<0.5	<0.2
REP 1022885	QC	29	9	0.72	103	0.120	<1	1.45	0.008	0.36	<0.1	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1022570	Soil	11	24	0.82	369	0.028	<1	1.71	0.007	0.14	<0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
REP 1022570	QC	11	24	0.84	373	0.030	<1	1.76	0.007	0.14	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1021526	Soil	7	34	1.66	328	0.209	<1	2.34	0.013	0.90	0.1	<0.01	3.6	0.2	<0.05	7	<0.5	<0.2
REP 1021526	QC	7	35	1.72	335	0.211	<1	2.38	0.012	0.91	0.1	0.01	3.5	0.2	<0.05	7	<0.5	<0.2
1022521	Soil	34	23	1.72	517	0.093	<1	3.04	0.014	0.86	<0.1	<0.01	8.9	0.2	<0.05	11	<0.5	<0.2
REP 1022521	QC	33	24	1.71	501	0.090	<1	2.98	0.014	0.86	<0.1	<0.01	8.8	0.2	<0.05	11	<0.5	<0.2
1022529	Soil	3	30	2.02	212	0.316	<1	3.22	0.013	0.86	<0.1	<0.01	2.6	0.3	<0.05	10	<0.5	<0.2
REP 1022529	QC	3	29	1.97	210	0.308	<1	3.20	0.013	0.82	<0.1	<0.01	2.4	0.3	<0.05	9	<0.5	<0.2
1022523	Soil	3	30	1.74	216	0.287	<1	3.01	0.011	0.73	<0.1	<0.01	1.7	0.2	<0.05	8	<0.5	<0.2
REP 1022523	QC	3	30	1.77	214	0.296	<1	3.09	0.011	0.73	<0.1	0.02	1.7	0.2	<0.05	8	<0.5	<0.2
1021673	Soil	9	29	1.28	168	0.152	1	2.20	0.013	0.26	<0.1	<0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
REP 1021673	QC	9	30	1.25	161	0.148	<1	2.12	0.012	0.27	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1009002	Soil	11	23	0.28	129	0.032	<1	1.24	0.010	0.08	0.1	<0.01	2.6	0.1	<0.05	4	<0.5	<0.2
REP 1009002	QC	11	23	0.29	127	0.028	<1	1.21	0.010	0.08	<0.1	0.01	2.4	0.1	<0.05	4	<0.5	<0.2
1021719	Soil	6	53	1.42	178	0.140	<1	2.34	0.008	0.28	<0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
REP 1021719	QC	6	53	1.42	176	0.146	<1	2.36	0.008	0.28	0.1	<0.01	2.3	0.1	<0.05	7	<0.5	<0.2
1021720	Soil	8	35	0.61	351	0.095	<1	2.02	0.010	0.10	0.1	0.02	2.5	<0.1	<0.05	7	<0.5	<0.2
REP 1021720	QC	8	35	0.60	350	0.096	<1	2.01	0.010	0.10	0.1	0.01	2.5	<0.1	<0.05	7	<0.5	<0.2
1021851	Soil	8	33	1.24	378	0.163	2	2.03	0.011	0.52	0.1	0.01	2.2	0.1	<0.05	6	<0.5	<0.2
REP 1021851	QC	8	34	1.25	380	0.169	1	2.03	0.011	0.53	0.1	<0.01	2.2	0.1	<0.05	6	<0.5	<0.2
1022928	Soil	10	39	1.28	315	0.164	2	1.84	0.022	0.26	0.2	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
REP 1022928	QC	10	38	1.27	313	0.168	<1	1.80	0.023	0.26	0.2	0.02	3.8	0.2	<0.05	5	0.6	<0.2
1022934	Soil	7	50	1.06	207	0.117	<1	2.27	0.012	0.08	0.1	<0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
REP 1022934	QC	7	50	1.08	206	0.124	1	2.24	0.012	0.09	0.1	<0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
1022803	Soil	2	102	1.63	52	0.053	<1	0.90	0.018	0.03	<0.1	<0.01	2.7	<0.1	<0.05	2	<0.5	<0.2
REP 1022803	QC	2	98	1.59	51	0.051	<1	0.93	0.018	0.03	<0.1	<0.01	2.5	<0.1	<0.05	2	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178C.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1022679	Soil	0.9	38.0	8.9	57	<0.1	24.9	11.1	364	3.41	9.5	1.8	3.9	10.2	20	<0.1	0.4	0.2	66	0.23	0.024
REP 1022679	QC	0.9	38.8	8.6	58	<0.1	25.5	11.4	372	3.46	9.7	1.8	3.1	10.3	20	0.1	0.4	0.3	67	0.24	0.026
1022659	Soil	0.7	348.9	5.8	378	<0.1	24.9	34.9	1527	8.34	2.3	17.9	<0.5	40.5	42	1.2	0.1	0.1	140	0.80	0.248
REP 1022659	QC	0.9	325.4	5.3	352	<0.1	23.3	31.0	1393	7.59	1.7	16.3	0.7	37.8	43	1.1	0.1	0.1	135	0.78	0.228
Reference Materials																					
STD DS8	Standard	13.0	110.2	126.5	320	1.8	38.0	7.5	611	2.40	26.5	2.8	114.9	7.1	62	2.5	5.9	7.0	40	0.66	0.080
STD DS8	Standard	13.5	107.0	114.9	312	1.7	37.0	7.7	582	2.31	26.7	2.8	114.5	6.9	66	2.5	5.8	6.6	40	0.66	0.081
STD DS8	Standard	12.8	104.7	113.6	290	1.6	34.9	7.1	570	2.27	24.1	2.8	111.1	7.0	63	2.3	5.5	6.4	40	0.66	0.075
STD DS8	Standard	12.3	104.5	112.5	299	1.7	35.1	7.2	580	2.32	24.8	2.6	110.1	6.6	62	2.3	5.7	6.2	38	0.63	0.079
STD DS8	Standard	12.4	105.6	115.8	292	1.7	36.4	7.2	574	2.29	24.8	2.7	98.7	6.6	64	2.3	5.5	6.3	39	0.62	0.078
STD DS8	Standard	12.9	101.5	114.4	299	1.6	33.6	7.1	566	2.26	24.0	2.7	101.0	6.4	64	2.3	5.6	6.2	39	0.61	0.072
STD DS8	Standard	14.0	113.7	120.0	301	1.8	39.3	7.7	597	2.39	27.0	2.7	109.8	7.0	67	2.2	5.6	6.6	42	0.69	0.077
STD DS8	Standard	13.4	113.1	117.8	303	1.7	39.0	7.9	593	2.39	26.7	2.7	102.9	6.8	66	2.3	5.6	6.4	42	0.71	0.080
STD DS8	Standard	13.8	112.3	121.6	301	1.8	38.4	7.7	607	2.37	25.9	2.7	116.1	6.8	67	2.3	6.0	6.4	43	0.67	0.079
STD DS8	Standard	13.7	114.2	121.3	305	1.8	38.4	7.7	605	2.38	26.0	2.7	118.9	6.8	66	2.3	5.8	6.4	44	0.68	0.078
STD DS8	Standard	13.0	104.9	117.2	308	1.7	37.6	7.6	605	2.42	26.2	2.6	110.2	6.1	60	2.4	5.7	6.6	41	0.64	0.082
STD DS8	Standard	13.6	108.6	121.9	312	1.7	38.7	7.7	625	2.45	27.1	2.6	117.1	6.4	62	2.3	5.7	6.5	43	0.65	0.083
STD DS8	Standard	14.0	116.7	124.8	317	1.9	40.2	7.8	633	2.50	26.7	2.6	114.1	6.5	60	2.5	5.6	6.3	44	0.67	0.079
STD DS8	Standard	13.9	120.0	129.6	320	1.9	41.2	8.0	631	2.54	27.0	2.8	111.4	7.1	63	2.3	5.6	6.3	45	0.70	0.079
STD DS8	Standard	12.6	101.7	119.3	305	1.8	35.5	7.1	580	2.44	24.9	2.6	112.7	6.1	58	2.0	5.1	5.8	38	0.62	0.076
STD DS8	Standard	12.8	101.6	122.2	314	1.8	35.4	7.1	605	2.44	25.0	2.7	118.3	6.3	59	2.6	5.3	6.0	38	0.66	0.074
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178C.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1022679	Soil	23	40	0.74	245	0.080	<1	2.37	0.010	0.07	0.1	0.02	5.8	0.1	<0.05	6	<0.5	<0.2
REP 1022679	QC	24	39	0.73	249	0.080	2	2.42	0.010	0.07	<0.1	0.04	6.0	0.2	<0.05	6	<0.5	<0.2
1022659	Soil	65	44	2.49	441	0.358	<1	3.40	0.021	1.76	<0.1	0.02	4.6	0.9	<0.05	13	1.6	<0.2
REP 1022659	QC	61	42	2.27	394	0.328	<1	3.19	0.021	1.57	<0.1	<0.01	4.4	0.8	<0.05	13	2.1	<0.2
Reference Materials																		
STD DS8	Standard	13	110	0.61	269	0.107	3	0.89	0.086	0.42	3.1	0.19	2.3	5.5	0.12	5	5.2	5.1
STD DS8	Standard	14	111	0.59	277	0.109	2	0.93	0.094	0.43	2.9	0.21	2.6	5.2	0.14	5	5.4	5.6
STD DS8	Standard	14	107	0.57	258	0.106	2	0.88	0.090	0.41	2.8	0.18	2.5	5.0	0.15	5	5.1	4.9
STD DS8	Standard	14	106	0.57	259	0.106	2	0.89	0.095	0.40	2.8	0.18	2.3	5.0	0.14	5	5.0	4.8
STD DS8	Standard	14	107	0.59	265	0.105	2	0.87	0.090	0.41	2.8	0.19	2.3	5.0	0.12	5	5.2	4.7
STD DS8	Standard	14	105	0.56	262	0.108	3	0.86	0.092	0.39	2.6	0.19	2.4	5.0	0.12	5	4.8	4.9
STD DS8	Standard	15	118	0.61	270	0.124	2	0.92	0.101	0.43	2.9	0.19	2.3	5.3	0.13	5	4.8	4.9
STD DS8	Standard	16	118	0.62	274	0.125	3	0.93	0.108	0.43	2.8	0.19	2.3	5.3	0.12	5	5.2	4.8
STD DS8	Standard	15	119	0.60	291	0.118	3	0.90	0.090	0.40	2.9	0.21	1.9	5.5	0.14	5	5.6	5.3
STD DS8	Standard	16	121	0.58	291	0.119	3	0.89	0.088	0.41	3.0	0.20	2.0	5.4	0.13	5	5.6	5.3
STD DS8	Standard	14	116	0.59	284	0.107	3	0.88	0.082	0.40	3.1	0.19	1.9	5.3	0.14	5	5.1	4.7
STD DS8	Standard	14	119	0.61	281	0.110	2	0.89	0.084	0.42	3.2	0.19	1.9	5.3	0.15	5	5.3	4.9
STD DS8	Standard	15	121	0.62	277	0.117	3	0.91	0.084	0.43	3.1	0.21	2.0	5.5	0.18	5	4.5	5.1
STD DS8	Standard	16	125	0.62	287	0.120	2	0.91	0.084	0.42	3.1	0.22	2.1	5.5	0.17	5	5.1	5.1
STD DS8	Standard	13	107	0.57	244	0.104	3	0.85	0.076	0.39	2.9	0.18	1.9	5.5	0.13	5	7.5	4.8
STD DS8	Standard	14	112	0.59	255	0.107	4	0.87	0.081	0.40	3.1	0.17	1.9	5.4	0.09	5	6.5	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000178C.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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QUALITY CONTROL REPORT WHI11000178C.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
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Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 06, 2011
Report Date: July 19, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000236.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-03
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031902	Soil	0.3	9.2	2.3	58	<0.1	14.3	13.9	653	3.91	4.1	0.3	<0.5	5.5	16	<0.1	0.2	<0.1	66	0.46	0.110
1030850	Soil	0.5	13.8	5.5	57	<0.1	14.5	10.7	611	3.49	6.4	0.6	0.9	8.6	17	<0.1	0.4	<0.1	50	0.42	0.115
1030847	Soil	0.7	13.3	5.3	77	<0.1	30.7	15.3	804	4.46	5.8	0.8	1.3	8.2	21	<0.1	0.5	<0.1	67	0.41	0.072
1030842	Soil	0.6	31.4	6.7	72	<0.1	30.2	17.3	627	3.69	8.9	0.7	3.8	7.9	23	<0.1	0.6	<0.1	80	0.44	0.067
1030838	Soil	0.9	50.9	5.4	97	<0.1	26.1	20.3	996	5.44	4.8	1.1	1.2	4.5	26	<0.1	0.3	<0.1	113	0.53	0.127
1031901	Soil	0.6	16.3	6.4	75	<0.1	18.0	13.4	689	4.57	7.4	0.8	1.3	9.8	18	<0.1	0.5	<0.1	71	0.26	0.050
1031908	Soil	1.0	11.1	6.6	61	<0.1	16.1	12.5	511	3.69	10.3	0.8	<0.5	8.6	24	<0.1	0.7	0.1	61	0.44	0.062
1030845	Soil	1.3	14.9	9.0	74	0.1	19.0	11.5	838	4.06	10.0	1.3	17.4	20.1	23	<0.1	0.9	<0.1	44	0.39	0.040
1031906	Soil	1.1	59.2	13.0	60	0.1	149.3	25.5	679	4.31	6.4	1.7	4.7	17.7	47	<0.1	0.4	0.1	97	1.23	0.122
1030849	Soil	0.5	13.1	4.4	58	<0.1	12.9	10.2	666	3.49	6.0	0.8	<0.5	9.8	17	<0.1	0.4	<0.1	47	0.44	0.131
1031905	Soil	1.0	20.1	7.9	72	<0.1	23.2	14.8	580	4.29	10.2	1.1	3.2	10.3	27	<0.1	0.9	0.1	64	0.51	0.096
1030835	Soil	0.5	95.6	2.1	47	<0.1	36.5	27.7	589	2.55	2.2	0.3	<0.5	1.4	18	<0.1	0.2	<0.1	53	0.37	0.012
1030841	Soil	3.7	49.8	7.3	31	<0.1	10.3	5.6	248	3.61	4.0	1.2	1.1	10.5	13	<0.1	0.3	0.2	58	0.06	0.032
1031907	Soil	0.8	33.8	8.3	49	<0.1	31.8	11.0	345	2.64	12.8	0.7	16.9	5.7	28	<0.1	0.9	0.1	58	0.38	0.047
1031904	Soil	0.7	12.7	6.5	68	<0.1	17.4	14.5	619	4.26	8.9	0.8	<0.5	8.1	25	<0.1	0.4	<0.1	72	0.57	0.090
1030839	Soil	1.0	47.7	7.0	129	<0.1	29.3	14.8	630	4.12	9.4	0.8	1.7	6.7	13	0.1	0.4	0.1	83	0.16	0.059
1030846	Soil	0.9	12.7	5.1	68	<0.1	16.5	11.6	653	3.81	6.2	1.1	0.7	11.2	20	<0.1	0.4	<0.1	60	0.35	0.053
1030844	Soil	1.0	25.2	4.3	65	<0.1	15.3	6.2	582	3.20	7.1	1.1	1.6	10.4	15	<0.1	0.5	0.3	48	0.30	0.063
1030843	Soil	0.7	32.0	8.5	63	<0.1	30.8	13.5	499	3.39	9.6	0.8	3.2	8.5	26	0.1	0.7	0.1	65	0.40	0.032
1031909	Soil	0.8	35.1	8.0	74	<0.1	27.2	17.0	716	4.11	13.3	1.3	7.6	7.9	20	<0.1	0.6	<0.1	63	0.39	0.074
1030837	Soil	1.0	72.6	10.0	71	<0.1	26.8	18.2	625	4.48	7.0	0.6	1.2	3.1	19	<0.1	0.5	<0.1	129	0.37	0.050
1030829	Soil	0.6	35.8	5.2	68	<0.1	23.7	20.2	622	4.45	6.8	0.6	0.7	5.8	19	<0.1	0.4	<0.1	117	0.38	0.060
1030840	Soil	0.6	20.6	4.3	126	<0.1	45.6	23.0	733	6.31	5.5	1.0	0.6	5.5	10	<0.1	0.2	<0.1	128	0.09	0.039
1030830	Soil	0.4	26.8	5.5	59	<0.1	24.0	15.3	481	3.38	6.0	0.3	0.9	4.0	18	<0.1	0.3	<0.1	76	0.31	0.043
1030848	Soil	0.6	16.3	6.1	50	<0.1	14.2	10.1	623	3.32	3.8	1.9	1.9	18.3	19	<0.1	0.7	<0.1	33	0.27	0.041
1030827	Soil	0.9	31.7	7.2	61	<0.1	29.7	15.8	422	3.66	9.2	0.8	6.8	7.5	22	<0.1	0.6	0.1	83	0.31	0.022
1030836	Soil	0.8	33.6	8.6	61	<0.1	23.9	11.6	418	2.95	8.3	0.5	1.3	4.1	20	0.1	0.6	0.1	70	0.27	0.038
1030831	Soil	0.6	19.0	5.7	67	<0.1	16.9	16.3	654	4.08	5.9	0.5	0.6	3.9	21	<0.1	0.3	<0.1	92	0.27	0.030
1030828	Soil	0.7	23.9	5.9	75	<0.1	30.1	21.3	643	4.39	8.4	0.5	1.1	7.3	19	<0.1	0.4	<0.1	93	0.31	0.023
1030826	Soil	0.6	29.6	6.0	80	<0.1	29.7	22.3	717	4.85	9.1	0.9	2.4	9.0	21	<0.1	0.5	<0.1	109	0.42	0.045

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000236.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031902	Soil	10	19	1.13	281	0.241	1	2.15	0.009	0.99	<0.1	<0.01	2.5	0.2	<0.05	8	<0.5	<0.2
1030850	Soil	14	17	0.74	215	0.125	2	1.83	0.008	0.54	0.1	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1030847	Soil	18	67	1.23	257	0.201	1	2.44	0.011	0.86	0.1	0.01	4.0	0.3	<0.05	10	<0.5	<0.2
1030842	Soil	15	38	1.36	257	0.180	1	2.04	0.013	0.57	0.1	0.03	4.1	0.2	<0.05	6	<0.5	<0.2
1030838	Soil	7	51	1.57	437	0.175	<1	3.00	0.013	0.69	<0.1	<0.01	5.2	0.2	<0.05	11	<0.5	<0.2
1031901	Soil	15	19	1.09	309	0.222	<1	2.34	0.011	1.05	0.1	0.03	4.5	0.2	<0.05	9	<0.5	<0.2
1031908	Soil	20	28	0.79	381	0.115	2	2.03	0.010	0.50	0.2	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1030845	Soil	36	19	0.65	354	0.043	2	1.84	0.008	0.36	0.8	0.04	4.0	<0.1	<0.05	8	<0.5	<0.2
1031906	Soil	25	125	2.89	315	0.197	2	2.44	0.012	0.30	0.4	0.04	3.9	0.2	<0.05	10	<0.5	<0.2
1030849	Soil	19	15	0.72	218	0.101	<1	1.80	0.008	0.52	0.1	0.01	3.8	0.2	<0.05	7	<0.5	<0.2
1031905	Soil	28	27	0.98	294	0.079	3	2.02	0.010	0.27	0.2	0.02	5.0	<0.1	<0.05	7	<0.5	<0.2
1030835	Soil	7	56	2.22	136	0.026	<1	2.35	0.012	0.10	<0.1	<0.01	8.5	<0.1	<0.05	3	<0.5	<0.2
1030841	Soil	13	22	0.66	241	0.081	<1	1.95	0.009	0.28	<0.1	<0.01	3.9	0.2	<0.05	6	0.9	<0.2
1031907	Soil	20	35	0.56	243	0.071	2	1.32	0.014	0.13	0.2	0.05	4.8	<0.1	<0.05	4	<0.5	<0.2
1031904	Soil	17	21	1.05	251	0.227	1	2.49	0.010	0.68	0.1	0.01	2.9	0.2	<0.05	8	<0.5	<0.2
1030839	Soil	13	40	1.29	417	0.177	1	2.81	0.012	0.93	0.1	<0.01	6.3	0.3	<0.05	8	<0.5	<0.2
1030846	Soil	22	27	0.89	211	0.151	1	2.02	0.009	0.50	0.1	0.01	3.8	0.2	<0.05	8	<0.5	<0.2
1030844	Soil	17	15	0.67	174	0.144	<1	1.85	0.009	0.51	0.2	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1030843	Soil	13	37	0.82	225	0.137	<1	2.24	0.013	0.33	0.1	0.03	5.3	0.1	<0.05	7	<0.5	<0.2
1031909	Soil	26	26	1.19	158	0.124	2	2.09	0.012	0.17	0.4	0.06	5.4	<0.1	<0.05	8	<0.5	<0.2
1030837	Soil	6	37	1.20	339	0.164	1	2.57	0.021	0.58	<0.1	0.01	6.9	0.1	<0.05	8	<0.5	<0.2
1030829	Soil	13	33	1.63	240	0.256	<1	2.55	0.020	1.05	0.1	0.01	5.2	0.2	<0.05	8	<0.5	<0.2
1030840	Soil	21	60	1.32	362	0.157	3	2.28	0.012	0.69	<0.1	0.02	14.4	0.2	<0.05	9	<0.5	<0.2
1030830	Soil	7	36	1.28	184	0.174	<1	2.10	0.012	0.61	<0.1	<0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1030848	Soil	50	11	0.32	263	0.013	<1	1.25	0.008	0.24	0.2	0.03	4.9	<0.1	<0.05	4	<0.5	<0.2
1030827	Soil	20	38	1.12	234	0.191	<1	2.16	0.017	0.54	0.2	0.03	4.9	0.2	<0.05	6	<0.5	<0.2
1030836	Soil	9	36	0.85	258	0.114	1	1.83	0.013	0.23	0.1	0.01	3.6	0.1	<0.05	5	<0.5	<0.2
1030831	Soil	8	22	1.31	376	0.201	1	2.31	0.011	0.85	<0.1	0.01	2.9	0.2	<0.05	7	<0.5	<0.2
1030828	Soil	8	38	1.69	218	0.255	<1	2.58	0.014	0.98	0.1	<0.01	3.6	0.3	<0.05	8	<0.5	<0.2
1030826	Soil	16	40	1.84	254	0.279	<1	2.85	0.014	1.17	0.1	0.02	5.2	0.3	<0.05	8	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031903	Soil		0.7	13.1	6.0	76	<0.1	17.8	14.4	739	4.18	6.6	0.8	3.2	7.7	25	<0.1	0.4	<0.1	66	0.59	0.112
1030833	Soil		1.0	24.1	6.0	67	<0.1	19.0	14.2	547	3.47	7.3	0.3	2.6	3.2	20	<0.1	0.4	<0.1	89	0.26	0.039
1030832	Soil		0.8	26.9	7.1	60	<0.1	21.7	12.7	423	3.50	8.5	0.8	2.1	5.8	22	0.1	0.6	0.1	85	0.23	0.027
1030813	Soil		0.4	146.4	2.9	63	<0.1	23.2	21.4	416	3.02	1.2	0.3	0.9	2.0	25	<0.1	<0.1	<0.1	85	0.47	0.109
1029946	Soil		0.4	13.2	2.7	67	<0.1	9.3	7.1	336	3.10	2.8	0.7	1.6	3.9	13	<0.1	0.2	<0.1	33	0.27	0.054
1030805	Soil		1.1	69.1	6.6	51	<0.1	19.0	12.8	310	2.99	8.0	1.0	2.8	3.6	17	<0.1	0.4	0.2	66	0.22	0.039
1030834	Soil		1.0	44.9	9.7	84	<0.1	17.0	11.9	318	4.11	5.7	0.8	22.2	4.5	37	<0.1	0.3	0.3	94	0.23	0.046
1029944	Soil		0.6	18.3	3.6	70	<0.1	10.7	9.9	568	4.31	3.5	0.8	0.6	3.4	19	<0.1	0.3	0.1	35	0.31	0.068
1029807	Soil		0.8	27.5	7.7	53	<0.1	23.2	13.5	287	3.10	9.0	0.8	5.9	4.2	17	<0.1	0.5	0.3	69	0.19	0.031
1030814	Soil		0.7	62.2	5.5	44	<0.1	17.8	13.0	275	2.46	4.4	0.3	1.5	1.5	17	0.1	0.2	0.2	73	0.37	0.076
1030811	Soil		0.5	98.0	2.6	54	<0.1	22.9	21.5	394	3.23	2.9	0.3	0.7	2.1	17	<0.1	0.2	<0.1	88	0.38	0.077
1029836	Soil		1.0	27.9	5.3	52	<0.1	14.1	13.0	344	3.43	6.8	0.8	0.9	3.4	16	<0.1	0.4	0.1	54	0.17	0.042
1029948	Soil		0.3	11.2	1.2	83	<0.1	5.7	6.7	668	3.84	1.3	1.0	2.6	4.0	17	<0.1	0.2	<0.1	20	0.32	0.067
1030825	Soil		0.6	96.9	3.9	49	<0.1	21.6	20.4	357	3.18	4.0	0.2	1.0	1.5	18	<0.1	0.1	<0.1	88	0.38	0.068
1030812	Soil		0.6	79.2	7.0	57	<0.1	22.8	17.0	361	3.19	4.9	0.8	1.0	3.7	24	<0.1	0.3	0.1	83	0.36	0.044
1029815	Soil		0.5	98.8	5.4	59	<0.1	26.4	22.0	429	3.46	3.3	0.5	0.6	2.5	29	0.1	0.2	<0.1	94	0.54	0.079
1029950	Soil		0.8	19.9	5.6	56	<0.1	17.0	11.1	436	3.41	7.2	0.7	2.0	3.8	14	<0.1	0.4	0.1	54	0.21	0.050
1030821	Soil		0.9	49.0	6.5	41	<0.1	22.0	13.1	274	2.82	6.4	1.0	1.9	3.9	21	<0.1	0.4	0.1	71	0.29	0.030
1030823	Soil		0.8	64.0	4.2	47	<0.1	21.5	16.9	341	2.80	4.7	0.3	1.1	2.0	16	<0.1	0.3	<0.1	74	0.21	0.036
1030817	Soil		0.8	107.7	6.8	49	<0.1	22.9	20.2	393	3.53	5.2	0.3	0.8	2.1	15	0.1	0.3	<0.1	98	0.30	0.040
1030824	Soil		0.9	43.2	10.6	56	<0.1	24.9	16.0	425	3.28	8.3	1.0	1.8	4.6	22	0.2	0.5	0.2	81	0.26	0.043
1029806	Soil		1.0	36.7	7.9	43	<0.1	21.7	14.1	243	2.78	8.4	0.7	2.1	4.1	12	<0.1	0.5	0.2	69	0.16	0.022
1030819	Soil		1.0	113.3	4.1	87	<0.1	21.9	23.1	482	4.34	4.3	1.1	1.7	5.2	23	<0.1	0.3	0.2	123	0.41	0.066
1030820	Soil		0.2	55.4	15.1	104	0.1	47.5	29.1	1410	5.66	2.0	0.3	1.0	0.9	29	0.2	0.2	<0.1	138	1.20	0.177
1030816	Soil		0.7	101.5	5.3	44	<0.1	25.3	17.5	273	2.78	6.8	0.9	2.0	3.6	19	<0.1	0.3	<0.1	74	0.30	0.041
1029838	Soil		0.7	19.2	8.0	78	<0.1	16.7	10.8	577	3.72	5.6	1.0	1.0	3.8	16	0.2	0.4	0.1	49	0.23	0.042
1029837	Soil		0.6	14.6	4.0	53	<0.1	8.7	10.8	502	4.03	3.5	0.4	<0.5	2.6	8	<0.1	0.2	<0.1	47	0.30	0.105
1029947	Soil		0.4	13.3	1.6	88	<0.1	6.8	7.5	704	4.10	2.1	1.1	0.7	4.5	18	<0.1	0.2	<0.1	24	0.31	0.060
1029949	Soil		0.3	10.1	2.0	64	<0.1	7.9	8.9	343	3.20	2.8	0.8	<0.5	3.8	15	<0.1	0.2	<0.1	41	0.45	0.074
1029945	Soil		1.0	27.4	10.7	53	<0.1	20.3	11.6	355	2.92	8.9	1.6	2.2	5.5	21	0.1	0.5	0.2	66	0.20	0.021

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000236.2

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031903	Soil	20	23	0.96	221	0.207	<1	2.09	0.009	0.57	0.2	<0.01	3.4	0.1	<0.05	8	<0.5	<0.2
1030833	Soil	7	28	1.12	238	0.181	1	2.15	0.011	0.51	0.1	0.01	2.4	0.2	<0.05	6	<0.5	<0.2
1030832	Soil	20	31	1.00	255	0.154	<1	1.93	0.016	0.33	0.1	0.02	5.3	0.2	<0.05	6	<0.5	<0.2
1030813	Soil	2	36	1.45	312	0.235	<1	2.44	0.022	0.53	<0.1	<0.01	1.9	0.1	<0.05	6	<0.5	<0.2
1029946	Soil	12	12	0.61	251	0.138	<1	1.65	0.017	0.32	<0.1	<0.01	5.6	<0.1	<0.05	7	<0.5	<0.2
1030805	Soil	9	34	0.69	258	0.093	<1	2.00	0.012	0.06	0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1030834	Soil	12	27	1.06	434	0.158	1	2.42	0.021	0.64	<0.1	0.01	4.6	0.3	0.22	7	0.7	<0.2
1029944	Soil	9	16	0.52	229	0.163	<1	2.42	0.018	0.23	<0.1	<0.01	6.3	<0.1	<0.05	11	<0.5	<0.2
1029807	Soil	9	35	0.64	193	0.087	2	2.30	0.013	0.05	0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1030814	Soil	5	31	0.88	183	0.163	1	1.80	0.017	0.15	0.1	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1030811	Soil	3	36	1.29	219	0.252	<1	2.32	0.018	0.44	<0.1	<0.01	1.8	0.1	<0.05	6	<0.5	<0.2
1029836	Soil	7	23	0.74	224	0.152	1	2.63	0.012	0.29	<0.1	0.02	4.1	0.1	<0.05	8	<0.5	<0.2
1029948	Soil	14	8	0.52	512	0.219	<1	1.77	0.014	0.52	<0.1	<0.01	9.8	<0.1	<0.05	10	<0.5	<0.2
1030825	Soil	3	35	1.28	223	0.241	1	2.45	0.023	0.32	0.2	<0.01	1.9	0.1	<0.05	6	<0.5	<0.2
1030812	Soil	11	38	1.16	239	0.204	1	2.26	0.017	0.23	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1029815	Soil	8	38	1.50	408	0.273	<1	2.53	0.024	0.63	0.1	<0.01	3.0	0.2	<0.05	6	<0.5	<0.2
1029950	Soil	10	25	0.55	199	0.126	1	2.22	0.017	0.10	<0.1	0.02	4.7	<0.1	<0.05	8	<0.5	<0.2
1030821	Soil	13	39	0.82	217	0.122	1	2.06	0.017	0.05	0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
1030823	Soil	4	32	1.06	210	0.198	1	2.02	0.013	0.37	<0.1	0.01	1.6	0.1	<0.05	6	<0.5	<0.2
1030817	Soil	4	38	1.29	221	0.208	<1	2.49	0.021	0.34	<0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1030824	Soil	11	44	0.96	194	0.129	1	2.47	0.016	0.08	0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
1029806	Soil	9	36	0.48	171	0.078	<1	2.23	0.016	0.04	0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1030819	Soil	15	30	1.27	304	0.217	<1	2.45	0.025	0.33	0.1	0.02	5.5	0.1	<0.05	9	<0.5	<0.2
1030820	Soil	7	112	2.15	198	0.007	<1	3.35	0.011	0.02	<0.1	0.02	18.8	<0.1	<0.05	12	<0.5	<0.2
1030816	Soil	12	39	0.96	168	0.165	<1	2.26	0.017	0.12	0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1029838	Soil	8	25	0.53	270	0.133	<1	2.43	0.015	0.10	<0.1	0.02	5.3	<0.1	<0.05	9	<0.5	<0.2
1029837	Soil	5	12	0.61	244	0.212	<1	2.19	0.022	0.48	<0.1	0.01	6.0	0.1	<0.05	9	<0.5	<0.2
1029947	Soil	16	10	0.61	532	0.237	<1	1.97	0.018	0.60	<0.1	<0.01	11.1	<0.1	<0.05	11	0.7	<0.2
1029949	Soil	15	12	0.46	197	0.163	<1	1.95	0.028	0.24	<0.1	<0.01	5.9	<0.1	<0.05	8	<0.5	<0.2
1029945	Soil	21	39	0.50	275	0.086	<1	1.82	0.012	0.05	0.2	0.04	6.1	0.1	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030818	Soil	1.0	44.3	12.6	67	<0.1	22.6	13.8	335	3.46	8.6	0.6	<0.5	3.4	16	0.3	0.6	0.1	101	0.19	0.022
1030815	Soil	0.5	94.0	1.7	47	<0.1	21.0	19.4	444	3.10	1.3	0.4	1.5	1.6	26	<0.1	0.1	<0.1	93	0.59	0.096
1030822	Soil	0.8	53.1	6.4	49	<0.1	24.9	16.3	338	2.85	6.9	0.4	1.3	3.1	17	<0.1	0.4	0.1	74	0.26	0.052
1029814	Soil	0.7	86.5	5.0	49	<0.1	19.1	17.4	357	3.13	3.0	0.2	2.7	1.4	19	<0.1	0.1	<0.1	96	0.28	0.067
1029835	Soil	1.4	11.2	7.5	51	<0.1	12.4	10.1	590	3.61	8.1	0.5	0.8	2.0	11	<0.1	0.4	0.1	65	0.13	0.049
1026817	Soil	0.7	27.0	5.2	66	<0.1	59.1	18.8	474	3.79	7.0	0.5	1.1	3.4	31	<0.1	0.3	<0.1	91	0.37	0.041
1009036	Soil	0.8	30.3	15.4	58	<0.1	25.7	10.4	416	2.73	8.2	1.8	6.1	4.7	22	0.2	0.5	0.4	65	0.28	0.064
1022952	Soil	2.0	62.2	7.9	81	<0.1	24.7	15.4	527	3.81	8.0	1.2	1.7	4.7	34	<0.1	0.4	0.3	89	0.33	0.043
1026815	Soil	1.0	25.6	5.3	68	<0.1	21.2	14.5	599	3.13	7.3	0.4	0.7	1.9	26	<0.1	0.3	0.2	90	0.36	0.045
1026819	Soil	0.5	38.8	2.6	70	<0.1	96.8	24.4	534	3.97	3.6	0.5	0.6	3.7	45	<0.1	0.1	<0.1	94	0.64	0.055
1021842	Soil	2.0	7.8	23.2	34	0.2	7.3	3.4	721	2.06	6.6	1.2	0.8	2.9	10	0.2	0.4	0.5	67	0.10	0.040
1026832	Soil	1.0	19.8	32.2	49	<0.1	17.1	8.2	376	2.12	5.6	2.0	1.3	5.5	18	0.1	0.6	0.9	52	0.24	0.049
1021840	Soil	0.8	21.7	29.3	57	<0.1	20.0	8.0	683	2.27	7.9	6.7	2.6	11.1	19	0.1	0.5	1.1	53	0.19	0.034
1021584	Soil	0.8	25.0	20.3	59	<0.1	21.7	7.7	505	2.42	7.3	5.1	1.4	9.5	18	<0.1	0.5	1.4	57	0.18	0.031
1026833	Soil	1.0	19.3	18.7	47	0.1	16.3	5.8	234	1.97	5.7	2.7	0.7	2.3	21	0.2	0.5	0.7	49	0.22	0.051
1026835	Soil	0.9	17.9	17.3	54	<0.1	17.9	8.5	389	2.31	6.7	2.5	0.9	3.6	17	0.1	0.5	0.7	56	0.20	0.052
1026948	Soil	0.8	20.6	27.5	57	<0.1	20.6	8.6	590	2.42	8.1	5.1	5.0	10.3	17	0.1	0.6	0.9	58	0.16	0.030
1009037	Soil	0.6	16.9	22.3	49	<0.1	22.2	7.7	295	2.23	7.3	1.2	2.9	5.9	14	0.2	0.6	0.7	49	0.17	0.039
1026836	Soil	1.1	19.4	20.7	53	<0.1	20.6	8.6	366	2.48	8.5	2.5	1.3	5.6	15	0.2	0.5	0.7	59	0.19	0.050
1026831	Soil	1.8	16.5	10.5	64	0.1	20.8	10.9	448	3.12	8.5	1.0	0.5	2.6	23	0.2	0.4	0.6	66	0.29	0.063
1026834	Soil	1.2	17.5	26.1	44	0.2	14.4	5.4	195	2.20	7.0	2.5	3.6	1.4	20	0.2	0.4	0.7	60	0.18	0.043
1026813	Soil	1.2	22.1	8.7	56	0.1	19.9	10.3	285	3.27	9.7	0.5	<0.5	2.1	20	<0.1	0.5	0.2	84	0.21	0.038
1026830	Soil	1.0	31.2	7.9	56	<0.1	23.9	12.2	377	3.08	7.7	0.8	0.8	4.4	24	0.1	0.5	0.2	77	0.26	0.037
1026811	Soil	0.8	20.7	8.1	30	0.1	12.5	5.1	162	1.90	5.2	0.8	0.5	0.4	21	<0.1	0.2	0.2	48	0.20	0.049
1026818	Soil	0.8	32.5	8.1	50	<0.1	24.2	9.9	407	2.60	9.8	0.6	2.5	4.0	37	<0.1	0.6	0.2	59	0.44	0.066
1022951	Soil	1.5	28.4	8.7	70	<0.1	22.5	13.0	385	4.58	9.8	0.6	<0.5	3.0	16	0.1	0.5	0.2	105	0.18	0.030
1021614	Soil	0.9	34.9	12.4	62	<0.1	24.5	10.1	399	2.99	7.6	2.2	1.2	5.8	29	<0.1	0.5	0.8	76	0.32	0.040
1021787	Soil	1.4	24.1	13.0	54	0.4	25.4	9.2	268	2.69	8.9	1.3	1.6	5.6	19	0.4	0.6	0.5	58	0.22	0.037
1026812	Soil	1.1	30.7	8.2	53	<0.1	22.9	10.5	278	2.89	8.6	0.6	1.4	3.7	20	0.1	0.5	0.5	70	0.22	0.033
1026816	Soil	1.1	52.1	6.6	77	0.1	24.0	14.3	503	3.87	8.4	0.5	<0.5	3.2	23	0.2	0.4	0.1	96	0.30	0.073

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030818	Soil	8	36	0.63	205	0.087	1	2.32	0.017	0.04	0.1	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1030815	Soil	3	35	1.39	346	0.162	<1	2.04	0.026	0.38	<0.1	<0.01	4.4	0.1	<0.05	5	<0.5	<0.2
1030822	Soil	7	36	0.88	214	0.143	1	2.11	0.013	0.16	0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1029814	Soil	2	29	1.25	178	0.265	<1	2.18	0.022	0.29	<0.1	<0.01	1.6	<0.1	<0.05	9	<0.5	<0.2
1029835	Soil	8	27	0.59	136	0.057	<1	2.11	0.014	0.05	0.1	0.01	4.3	<0.1	<0.05	9	<0.5	<0.2
1026817	Soil	7	69	1.37	260	0.208	<1	3.17	0.017	0.21	0.3	0.02	4.6	0.1	<0.05	10	<0.5	<0.2
1009036	Soil	15	37	0.54	194	0.087	1	1.85	0.011	0.06	0.2	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
1022952	Soil	25	35	1.46	291	0.199	1	2.81	0.014	0.21	0.5	0.01	7.9	0.2	<0.05	9	0.6	<0.2
1026815	Soil	6	35	0.89	267	0.129	1	2.30	0.018	0.09	0.2	0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1026819	Soil	8	120	2.05	238	0.238	<1	3.92	0.019	0.21	0.2	0.01	4.6	<0.1	<0.05	12	<0.5	<0.2
1021842	Soil	9	22	0.20	93	0.058	2	1.01	0.007	0.04	0.2	0.03	1.5	0.2	<0.05	8	<0.5	<0.2
1026832	Soil	11	29	0.52	152	0.066	2	1.61	0.011	0.06	0.6	0.07	3.2	0.1	<0.05	5	<0.5	<0.2
1021840	Soil	23	32	0.46	158	0.070	2	1.62	0.011	0.06	0.2	0.04	6.0	0.1	<0.05	4	<0.5	<0.2
1021584	Soil	21	37	0.54	160	0.083	<1	1.97	0.010	0.06	0.2	0.02	5.9	0.1	<0.05	5	<0.5	<0.2
1026833	Soil	10	26	0.43	162	0.058	2	1.46	0.010	0.05	0.4	0.05	2.8	0.1	<0.05	5	<0.5	<0.2
1026835	Soil	10	31	0.50	139	0.067	2	1.73	0.009	0.05	0.3	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1026948	Soil	18	34	0.50	146	0.075	3	1.87	0.011	0.06	0.3	0.05	5.1	0.1	<0.05	5	<0.5	<0.2
1009037	Soil	9	30	0.47	117	0.063	2	1.83	0.009	0.05	0.2	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1026836	Soil	12	34	0.50	129	0.074	2	1.97	0.008	0.06	0.3	0.05	3.5	0.1	<0.05	6	<0.5	<0.2
1026831	Soil	10	34	0.59	172	0.068	1	1.76	0.012	0.06	0.5	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1026834	Soil	10	30	0.37	160	0.072	2	1.68	0.010	0.05	0.2	0.04	2.8	0.2	<0.05	7	<0.5	<0.2
1026813	Soil	8	34	0.67	216	0.097	1	2.11	0.011	0.07	0.2	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1026830	Soil	13	36	0.77	255	0.115	2	2.15	0.013	0.08	0.6	0.03	4.8	0.1	<0.05	6	<0.5	<0.2
1026811	Soil	10	24	0.36	202	0.045	2	1.27	0.012	0.04	0.2	0.04	1.9	<0.1	<0.05	5	<0.5	<0.2
1026818	Soil	14	34	0.58	277	0.077	2	1.33	0.023	0.05	0.1	0.04	5.2	<0.1	<0.05	4	<0.5	<0.2
1022951	Soil	11	44	1.06	236	0.189	2	3.01	0.011	0.15	0.5	0.02	7.0	0.2	<0.05	9	<0.5	<0.2
1021614	Soil	17	39	0.76	290	0.115	1	1.85	0.015	0.07	0.2	0.02	6.6	0.1	<0.05	6	<0.5	<0.2
1021787	Soil	21	34	0.57	244	0.072	2	2.25	0.011	0.06	0.8	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1026812	Soil	10	36	0.66	225	0.098	<1	2.15	0.011	0.07	0.2	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1026816	Soil	7	35	1.07	202	0.147	1	2.65	0.015	0.11	0.1	0.02	4.5	<0.1	<0.05	9	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000236.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021610	Soil	0.8	19.6	8.9	49	<0.1	16.9	8.8	266	2.68	6.8	0.9	1.8	3.0	26	0.1	0.4	0.3	69	0.28	0.079
1009033	Soil	1.0	21.9	17.1	53	0.1	21.6	8.6	398	2.70	9.4	3.9	3.2	8.0	18	0.1	0.5	0.8	65	0.17	0.023
1026814	Soil	0.9	22.7	7.7	54	<0.1	19.1	7.8	246	2.57	7.8	0.5	2.1	3.4	14	0.1	0.4	0.2	66	0.14	0.031
1022799	Soil	1.0	19.8	9.1	48	<0.1	25.5	9.9	254	2.92	10.0	0.6	2.1	3.5	16	0.1	0.6	0.2	73	0.16	0.025
1021788	Soil	1.2	32.8	9.7	61	<0.1	22.5	13.0	554	3.27	7.3	1.4	<0.5	4.3	28	0.2	0.4	0.3	84	0.31	0.036
1022800	Soil	0.8	16.2	5.9	44	<0.1	11.8	8.9	304	2.77	3.4	0.4	<0.5	1.4	14	<0.1	0.3	0.2	84	0.17	0.028
1026929	Soil	0.6	16.5	11.0	61	<0.1	18.9	10.3	601	2.27	5.4	7.2	0.6	17.7	23	0.2	0.4	0.2	54	0.33	0.080
1009031	Soil	0.8	18.8	12.3	57	<0.1	20.0	8.1	321	2.57	8.2	3.2	1.7	12.0	22	0.1	0.4	0.3	60	0.26	0.061
1021839	Soil	0.8	20.3	11.1	50	<0.1	19.8	8.7	359	2.51	6.8	2.2	0.6	9.8	23	<0.1	0.4	0.3	58	0.28	0.046
1026995	Soil	0.9	17.1	13.7	51	<0.1	19.1	7.7	243	2.72	8.8	2.2	1.9	10.0	17	0.1	0.4	0.3	67	0.17	0.032
1026928	Soil	0.6	18.8	11.5	51	<0.1	19.4	9.2	426	2.49	7.8	6.2	6.3	14.1	20	<0.1	0.4	0.2	59	0.23	0.049
1021845	Soil	1.2	16.0	17.6	38	0.3	11.7	8.0	344	1.95	5.1	2.7	<0.5	2.8	17	0.1	0.3	0.4	58	0.15	0.043
1026923	Soil	0.7	18.5	9.6	46	<0.1	17.8	7.4	286	2.22	6.1	5.4	8.6	8.8	25	<0.1	0.4	0.2	54	0.35	0.049
1026932	Soil	0.7	17.0	12.3	50	0.1	17.9	9.6	589	2.57	6.2	21.4	1.0	12.3	24	<0.1	0.3	0.3	63	0.28	0.045
1009038	Soil	0.7	18.8	10.8	49	<0.1	18.7	8.1	322	2.44	6.7	3.8	1.8	10.1	19	0.1	0.4	0.2	58	0.24	0.055
1026996	Soil	0.8	21.8	12.6	46	<0.1	18.8	7.7	266	2.72	7.9	2.4	4.8	10.5	16	<0.1	0.4	0.3	62	0.17	0.032
1026884	Soil	0.6	16.6	14.0	49	<0.1	17.1	7.5	360	2.37	7.4	4.3	0.8	12.4	20	<0.1	0.4	0.6	53	0.23	0.055
1009039	Soil	0.9	26.0	24.5	58	<0.1	21.7	8.4	629	2.53	8.6	5.4	10.5	10.5	20	<0.1	0.6	5.1	58	0.20	0.026
1026927	Soil	0.7	18.1	11.2	53	<0.1	19.1	8.6	468	2.56	7.6	5.4	2.1	11.1	21	<0.1	0.4	0.3	57	0.27	0.059
1026926	Soil	0.7	11.7	17.4	31	<0.1	11.4	4.5	190	1.68	5.5	4.7	1.7	5.6	14	0.1	0.3	0.5	49	0.17	0.038
1021613	Soil	0.6	22.0	10.0	50	<0.1	20.2	8.2	322	2.61	8.0	3.3	4.8	8.0	23	<0.1	0.4	0.2	58	0.28	0.058
1009029	Soil	1.1	27.1	20.6	53	<0.1	22.8	9.3	456	3.06	10.1	8.2	2.0	6.6	26	<0.1	0.4	2.0	71	0.28	0.038
1026997	Soil	0.7	22.1	12.1	48	<0.1	22.4	9.5	294	2.92	9.1	2.2	2.5	12.9	18	<0.1	0.4	0.2	60	0.20	0.041
1026935	Soil	0.7	29.2	10.2	61	<0.1	27.0	10.6	383	2.90	9.2	5.9	2.5	12.1	22	0.1	0.5	0.2	63	0.29	0.084
1009032	Soil	1.1	18.1	14.9	61	<0.1	19.5	9.4	482	2.97	8.7	3.2	4.5	14.0	16	0.1	0.4	0.3	68	0.20	0.051
1021826	Soil	0.7	16.6	13.0	44	<0.1	17.9	6.8	227	2.57	7.5	2.5	2.0	5.0	22	0.1	0.3	0.3	62	0.25	0.042
1026949	Soil	1.5	16.0	21.7	64	<0.1	23.2	14.1	1094	3.62	10.7	4.6	1.6	22.4	16	0.1	0.5	1.2	72	0.19	0.066
1026886	Soil	0.9	18.7	15.6	50	<0.1	19.5	8.3	291	2.80	7.6	2.2	1.6	13.5	14	<0.1	0.4	0.7	59	0.16	0.032
1021844	Soil	0.9	15.9	12.6	56	<0.1	17.8	7.1	263	2.90	9.5	2.6	2.2	10.1	14	<0.1	0.5	0.3	64	0.15	0.044
1029740	Soil	0.6	37.9	2.2	106	<0.1	8.0	16.5	404	3.97	3.1	0.8	<0.5	1.9	12	<0.1	0.2	<0.1	38	1.31	0.565

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Project: PED
Report Date: July 19, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021610	Soil	14	31	0.71	260	0.101	3	1.85	0.012	0.10	0.3	0.02	4.8	0.2	<0.05	7	<0.5	<0.2
1009033	Soil	18	38	0.52	178	0.081	1	1.97	0.010	0.05	0.2	0.05	5.2	0.1	<0.05	6	0.5	<0.2
1026814	Soil	10	34	0.55	120	0.084	1	1.87	0.010	0.07	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1022799	Soil	10	36	0.57	213	0.078	<1	2.04	0.009	0.06	0.3	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1021788	Soil	14	38	0.92	250	0.128	<1	2.31	0.014	0.11	1.0	0.02	5.6	0.1	<0.05	7	<0.5	<0.2
1022800	Soil	5	26	0.82	137	0.154	1	1.72	0.025	0.14	0.2	0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1026929	Soil	17	29	0.56	142	0.093	<1	1.34	0.012	0.07	0.2	0.02	3.7	0.2	<0.05	4	<0.5	<0.2
1009031	Soil	14	33	0.57	177	0.077	2	1.95	0.010	0.06	0.2	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1021839	Soil	14	34	0.56	193	0.080	<1	1.70	0.011	0.05	0.1	0.02	4.2	0.1	<0.05	5	0.7	<0.2
1026995	Soil	12	35	0.51	164	0.077	1	2.09	0.008	0.05	0.1	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1026928	Soil	18	32	0.55	178	0.076	1	1.69	0.010	0.05	0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1021845	Soil	10	22	0.35	145	0.067	<1	1.20	0.010	0.05	0.1	0.03	2.1	0.2	<0.05	6	<0.5	<0.2
1026923	Soil	14	32	0.52	181	0.078	2	1.45	0.016	0.05	0.1	0.02	3.8	0.2	<0.05	4	<0.5	<0.2
1026932	Soil	17	37	0.52	235	0.058	<1	1.89	0.011	0.04	0.1	0.03	3.9	0.2	<0.05	6	0.6	<0.2
1009038	Soil	14	31	0.56	155	0.077	2	1.73	0.010	0.05	0.1	0.01	3.3	0.2	<0.05	5	<0.5	<0.2
1026996	Soil	13	34	0.48	151	0.077	2	2.03	0.009	0.04	0.2	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1026884	Soil	14	27	0.49	146	0.058	2	1.50	0.009	0.05	0.2	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1009039	Soil	21	36	0.47	179	0.079	2	1.68	0.011	0.05	0.3	0.05	5.8	0.1	<0.05	4	<0.5	<0.2
1026927	Soil	14	28	0.50	154	0.071	2	1.66	0.010	0.05	0.2	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1026926	Soil	10	20	0.31	88	0.070	2	1.10	0.007	0.06	0.1	0.02	1.7	0.3	<0.05	6	<0.5	<0.2
1021613	Soil	15	34	0.52	198	0.075	2	1.69	0.011	0.05	0.1	0.02	4.4	0.2	<0.05	5	<0.5	<0.2
1009029	Soil	20	40	0.51	305	0.066	2	2.11	0.013	0.05	0.2	0.02	4.9	0.1	<0.05	6	0.6	<0.2
1026997	Soil	12	34	0.49	172	0.077	2	2.21	0.018	0.05	0.2	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1026935	Soil	16	36	0.57	169	0.089	2	2.18	0.011	0.08	0.2	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1009032	Soil	12	35	0.55	138	0.086	1	2.12	0.009	0.06	0.2	0.03	3.4	0.3	<0.05	7	<0.5	<0.2
1021826	Soil	13	30	0.45	173	0.078	1	1.97	0.010	0.05	0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1026949	Soil	15	36	0.57	147	0.103	1	2.24	0.010	0.09	0.2	0.02	3.8	0.5	<0.05	8	<0.5	<0.2
1026886	Soil	12	31	0.48	121	0.087	1	2.14	0.009	0.05	0.2	0.03	3.2	0.3	<0.05	6	<0.5	<0.2
1021844	Soil	12	31	0.48	126	0.074	1	1.96	0.008	0.05	0.1	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1029740	Soil	13	10	0.58	160	0.077	<1	1.58	0.032	0.14	<0.1	<0.01	7.0	<0.1	<0.05	7	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1021611	Soil		0.9	13.3	12.4	46	<0.1	17.0	6.7	281	2.59	7.9	2.7	1.0	7.8	19	<0.1	0.4	0.3	63	0.21	0.033
1021583	Soil		1.0	19.5	16.2	36	0.2	12.5	6.2	381	1.81	4.5	4.5	0.6	0.8	17	0.2	0.2	0.7	44	0.18	0.052
1026991	Soil		0.8	23.0	14.1	55	<0.1	22.0	9.8	344	2.92	8.9	2.2	2.9	15.9	16	<0.1	0.4	0.3	66	0.17	0.041
1029709	Soil		0.6	40.9	7.7	50	<0.1	21.5	11.5	357	2.95	8.9	1.1	1.7	4.5	28	<0.1	0.6	0.1	67	0.31	0.030
1009040	Soil		0.8	17.6	11.3	51	<0.1	19.5	8.3	344	2.56	7.3	3.4	3.2	8.0	22	0.1	0.3	0.3	58	0.30	0.064
1026933	Soil		0.8	20.9	11.0	56	<0.1	19.9	8.2	363	2.44	6.8	4.4	4.5	10.9	22	<0.1	0.5	0.4	53	0.31	0.078
1026934	Soil		0.7	12.4	13.6	43	<0.1	15.1	5.6	178	2.51	7.0	2.2	3.3	3.9	15	<0.1	0.4	0.3	57	0.19	0.042
1029733	Soil		0.2	45.6	2.2	60	<0.1	9.4	22.8	579	5.57	1.0	0.4	<0.5	1.8	20	<0.1	0.2	<0.1	166	0.45	0.106
1029738	Soil		0.5	21.7	2.4	79	<0.1	9.9	7.7	412	3.86	3.7	0.3	<0.5	1.6	9	<0.1	0.3	<0.1	24	0.75	0.286
1029729	Soil		0.5	40.7	4.1	68	<0.1	12.0	20.8	887	5.25	4.8	0.2	1.1	0.8	16	<0.1	0.2	<0.1	180	0.34	0.082
1029736	Soil		0.7	55.8	5.5	85	<0.1	17.8	11.0	701	2.71	6.8	0.3	<0.5	1.5	15	0.2	0.3	<0.1	78	0.33	0.094
1029713	Soil		0.2	92.9	2.6	53	<0.1	13.9	18.8	267	3.83	1.8	0.9	<0.5	2.7	20	<0.1	0.1	<0.1	130	0.57	0.159
1029741	Soil		0.5	39.2	1.7	107	<0.1	6.7	16.6	438	4.16	2.8	0.8	0.9	1.8	12	<0.1	0.2	<0.1	35	1.52	0.622
1029730	Soil		0.6	58.0	5.2	78	<0.1	16.8	16.3	269	3.90	5.9	0.7	<0.5	2.7	23	<0.1	0.2	<0.1	90	0.54	0.137
1029723	Soil		0.5	80.4	2.3	34	<0.1	9.1	9.9	217	2.20	3.5	0.3	<0.5	1.6	7	<0.1	0.2	<0.1	67	0.42	0.088
1029719	Soil		0.8	55.8	4.7	57	<0.1	15.5	12.0	441	3.31	7.3	0.3	0.7	1.4	18	<0.1	0.4	<0.1	88	0.36	0.026
1029716	Soil		1.0	43.8	7.5	59	<0.1	13.7	11.3	452	3.84	8.1	0.4	1.1	2.2	16	<0.1	0.4	<0.1	99	0.23	0.031
1029722	Soil		0.7	85.3	6.1	60	<0.1	16.2	17.1	593	4.31	4.1	0.5	1.8	2.7	13	<0.1	0.4	<0.1	83	0.17	0.027
1029717	Soil		0.7	43.4	6.1	64	<0.1	17.1	12.4	355	3.07	6.9	0.4	<0.5	2.9	15	<0.1	0.4	<0.1	80	0.27	0.036
1029726	Soil		0.3	82.4	1.1	45	<0.1	12.7	15.4	415	3.66	2.8	0.4	<0.5	1.8	16	<0.1	0.2	<0.1	118	0.39	0.072
1029725	Soil		0.4	38.6	2.7	44	<0.1	9.6	11.8	244	2.54	3.3	0.4	1.2	1.9	16	<0.1	0.2	<0.1	73	0.39	0.081
1029710	Soil		1.0	37.0	8.1	58	<0.1	24.5	14.2	356	3.47	9.6	0.6	3.2	4.1	18	<0.1	0.6	0.1	83	0.23	0.026
1029737	Soil		0.7	21.4	4.5	62	<0.1	8.8	7.7	234	2.49	5.9	0.5	<0.5	1.8	12	<0.1	0.2	<0.1	27	1.14	0.517
1029731	Soil		1.8	47.5	5.3	52	<0.1	19.6	12.8	291	3.25	6.5	0.7	1.9	3.8	21	<0.1	0.4	<0.1	86	0.32	0.049
1029724	Soil		0.4	97.8	2.4	50	<0.1	11.4	14.1	270	2.94	4.0	0.5	0.8	1.3	16	<0.1	0.2	<0.1	100	0.44	0.143
1029734	Soil		0.8	47.6	5.7	56	<0.1	12.3	11.4	404	3.13	7.1	0.4	<0.5	2.2	15	<0.1	0.5	0.1	80	0.33	0.031
1029715	Soil		0.8	58.1	7.0	61	<0.1	18.3	14.4	468	3.85	8.4	0.4	2.9	3.2	18	<0.1	0.5	0.1	95	0.24	0.023
1029727	Soil		0.9	53.4	7.5	59	<0.1	22.1	14.1	432	3.53	8.7	0.4	1.9	2.9	15	<0.1	0.6	0.1	95	0.21	0.029
1029721	Soil		0.7	61.4	4.9	64	<0.1	17.7	15.0	280	3.58	5.1	0.5	3.6	3.1	15	<0.1	0.3	<0.1	102	0.27	0.042
1029712	Soil		1.0	38.7	8.0	56	<0.1	25.1	11.3	280	2.83	10.1	1.0	3.2	5.2	22	<0.1	0.7	0.2	69	0.24	0.019

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000236.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1021611	Soil	11	31	0.46	137	0.083	2	1.74	0.009	0.04	0.2	0.02	3.0	0.3	<0.05	6	<0.5	<0.2
1021583	Soil	12	21	0.30	146	0.038	<1	1.14	0.010	0.05	0.1	0.03	0.9	0.2	<0.05	6	<0.5	<0.2
1026991	Soil	14	36	0.52	153	0.091	2	2.29	0.008	0.06	0.2	0.03	3.7	0.3	<0.05	7	<0.5	<0.2
1029709	Soil	18	35	0.64	286	0.068	1	1.84	0.013	0.05	0.1	0.03	5.8	<0.1	<0.05	5	<0.5	<0.2
1009040	Soil	13	30	0.51	164	0.083	2	1.81	0.009	0.06	0.1	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1026933	Soil	17	30	0.49	142	0.082	1	1.63	0.010	0.06	0.2	0.02	3.8	0.2	<0.05	5	<0.5	<0.2
1026934	Soil	12	27	0.41	102	0.064	1	1.51	0.008	0.05	0.1	0.04	2.2	0.2	<0.05	6	<0.5	<0.2
1029733	Soil	7	25	2.98	367	0.135	<1	3.63	0.027	0.67	<0.1	<0.01	19.2	<0.1	<0.05	11	<0.5	<0.2
1029738	Soil	4	10	0.58	155	0.066	<1	1.51	0.017	0.17	<0.1	<0.01	5.1	<0.1	<0.05	8	<0.5	<0.2
1029729	Soil	3	26	2.18	457	0.220	<1	3.02	0.012	1.02	<0.1	<0.01	8.3	0.3	<0.05	10	<0.5	<0.2
1029736	Soil	5	23	0.53	223	0.068	<1	1.81	0.026	0.05	<0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1029713	Soil	13	25	1.72	328	0.193	1	2.60	0.028	0.57	<0.1	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
1029741	Soil	13	9	0.62	153	0.064	<1	1.55	0.031	0.15	<0.1	<0.01	7.5	<0.1	<0.05	7	<0.5	<0.2
1029730	Soil	6	20	1.35	288	0.213	1	2.99	0.022	0.36	<0.1	<0.01	4.1	<0.1	<0.05	9	<0.5	<0.2
1029723	Soil	4	12	0.45	159	0.079	<1	1.42	0.032	0.15	<0.1	<0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
1029719	Soil	4	21	0.72	271	0.078	<1	2.31	0.029	0.10	<0.1	<0.01	4.2	<0.1	<0.05	6	<0.5	<0.2
1029716	Soil	6	25	0.76	201	0.071	<1	2.21	0.016	0.07	<0.1	0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
1029722	Soil	12	21	1.06	229	0.008	1	2.53	0.009	0.09	<0.1	0.02	11.9	<0.1	<0.05	7	<0.5	<0.2
1029717	Soil	6	27	0.83	201	0.112	<1	2.08	0.020	0.07	<0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1029726	Soil	3	39	1.41	391	0.140	<1	2.07	0.031	0.69	<0.1	<0.01	8.2	0.1	<0.05	7	<0.5	<0.2
1029725	Soil	6	14	0.92	268	0.129	<1	1.80	0.027	0.16	<0.1	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1029710	Soil	9	40	0.94	176	0.140	2	2.50	0.011	0.04	0.2	0.03	2.7	<0.1	<0.05	7	<0.5	<0.2
1029737	Soil	5	13	0.53	110	0.063	<1	1.47	0.017	0.08	<0.1	<0.01	3.3	<0.1	<0.05	5	0.6	<0.2
1029731	Soil	9	31	1.04	288	0.151	<1	2.23	0.019	0.46	<0.1	0.01	4.6	<0.1	<0.05	7	0.7	<0.2
1029724	Soil	3	18	1.22	286	0.138	<1	1.91	0.022	0.39	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1029734	Soil	5	18	0.60	268	0.072	1	1.85	0.022	0.11	0.1	<0.01	5.0	<0.1	<0.05	5	0.5	<0.2
1029715	Soil	6	29	0.89	204	0.089	1	2.53	0.017	0.06	0.2	0.01	4.4	<0.1	<0.05	7	0.5	<0.2
1029727	Soil	6	38	0.94	229	0.101	1	2.28	0.019	0.08	0.1	<0.01	4.3	<0.1	<0.05	6	<0.5	<0.2
1029721	Soil	10	27	1.29	230	0.147	<1	2.68	0.017	0.23	<0.1	<0.01	4.5	<0.1	<0.05	8	<0.5	<0.2
1029712	Soil	16	33	0.73	266	0.077	<1	1.89	0.016	0.05	0.2	0.03	5.9	0.1	<0.05	5	0.7	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029711	Soil	0.8	169.9	3.2	97	<0.1	15.7	30.0	813	6.97	4.1	0.5	2.1	3.0	16	<0.1	0.2	<0.1	224	0.36	0.043
1029720	Soil	0.4	31.7	3.3	70	<0.1	7.9	12.7	339	4.33	3.4	0.5	2.2	1.9	15	<0.1	0.1	<0.1	95	0.35	0.107
1029735	Soil	1.3	54.7	6.2	172	<0.1	11.1	14.8	545	4.37	4.8	0.4	<0.5	1.9	14	0.2	0.3	<0.1	133	0.33	0.063
1029732	Soil	0.9	37.8	7.9	60	<0.1	20.9	14.9	289	3.36	7.9	0.5	2.6	3.5	17	<0.1	0.6	0.1	91	0.22	0.033
1029728	Soil	1.5	96.4	4.3	67	<0.1	20.1	14.2	267	4.04	5.0	0.6	0.9	4.0	8	<0.1	0.3	<0.1	108	0.13	0.027
1023931	Soil	1.2	20.0	6.8	63	<0.1	14.5	8.8	374	3.04	7.1	0.6	3.6	4.7	18	<0.1	0.5	0.1	47	0.23	0.038
1029714	Soil	0.9	80.1	5.8	78	<0.1	12.6	15.2	548	4.65	3.9	1.2	3.6	6.1	19	<0.1	0.5	0.1	73	0.21	0.026
1029718	Soil	0.4	43.1	1.7	46	<0.1	9.5	14.8	290	3.06	2.0	0.5	<0.5	1.5	16	<0.1	<0.1	<0.1	110	0.47	0.076
1029739	Soil	1.4	30.1	9.2	63	<0.1	25.7	8.9	255	3.18	10.6	0.7	5.2	4.6	17	<0.1	0.6	0.2	60	0.34	0.115
1029561	Soil	1.1	20.2	7.8	59	<0.1	16.8	9.1	359	3.07	7.2	0.9	6.1	4.3	20	<0.1	0.4	0.2	56	0.29	0.035
1009797	Soil	1.1	31.4	7.3	67	<0.1	19.4	12.2	446	3.38	8.5	1.2	4.0	4.5	23	<0.1	0.5	0.2	77	0.30	0.033
1023926	Soil	0.9	19.9	9.5	52	<0.1	21.8	11.7	289	2.94	10.9	0.4	1.1	3.0	13	<0.1	0.6	0.2	64	0.13	0.038
1023928	Soil	0.5	10.0	4.2	24	<0.1	6.7	4.1	156	1.49	4.0	0.6	<0.5	2.3	19	<0.1	0.3	0.2	25	0.22	0.009
1023932	Soil	1.1	20.0	6.1	59	<0.1	13.0	10.2	339	3.28	7.1	0.8	<0.5	4.3	17	<0.1	0.4	<0.1	48	0.32	0.038
1023927	Soil	0.7	22.1	3.9	76	<0.1	10.9	12.3	504	3.79	4.2	0.3	0.7	2.2	13	<0.1	0.2	<0.1	43	0.26	0.045
1023933	Soil	1.5	22.7	5.9	62	<0.1	8.0	8.4	478	3.55	8.6	0.5	<0.5	2.5	16	<0.1	0.5	0.1	47	0.41	0.055
1023929	Soil	0.8	22.7	6.6	57	<0.1	14.4	10.7	406	3.22	6.4	0.7	1.1	3.6	19	<0.1	0.5	0.1	42	0.19	0.021
1023930	Soil	0.9	21.2	6.5	57	<0.1	15.9	10.3	323	3.13	7.3	1.3	1.1	5.8	23	<0.1	0.6	0.1	58	0.32	0.033
1023908	Soil	0.5	23.9	5.2	76	<0.1	21.8	15.0	355	3.25	4.7	0.5	<0.5	2.8	19	<0.1	0.3	<0.1	81	0.39	0.113
1023901	Soil	1.9	49.8	7.2	51	<0.1	17.5	8.4	320	2.83	5.2	1.2	<0.5	6.3	33	<0.1	0.4	0.2	61	0.20	0.033
1023903	Soil	0.6	36.5	6.6	121	<0.1	16.7	13.5	733	3.30	6.8	0.3	<0.5	1.5	15	0.1	0.4	0.1	94	0.34	0.092
1023919	Soil	0.7	38.5	7.8	53	<0.1	22.8	10.9	308	2.81	9.6	0.6	1.8	4.5	22	<0.1	0.6	0.1	69	0.20	0.026
1023907	Soil	0.4	51.6	3.9	77	<0.1	18.9	19.8	484	4.20	3.4	0.3	<0.5	0.8	19	<0.1	0.2	<0.1	131	0.40	0.121
1023902	Soil	0.7	46.3	7.1	136	<0.1	21.4	20.1	613	5.00	7.5	0.5	1.8	2.5	18	0.1	0.4	<0.1	149	0.32	0.078
1023905	Soil	0.9	30.0	7.4	58	<0.1	18.6	11.0	417	3.79	6.3	1.3	<0.5	8.1	18	<0.1	0.5	0.1	74	0.23	0.050
1023906	Soil	0.9	44.8	5.4	84	<0.1	29.6	11.8	971	4.42	2.8	0.7	<0.5	3.6	10	0.1	0.2	<0.1	74	0.17	0.073
1023921	Soil	1.0	70.2	8.2	53	<0.1	22.4	13.9	312	3.10	7.0	1.1	4.0	4.6	16	<0.1	0.5	0.1	81	0.20	0.024
1023922	Soil	0.6	82.3	5.5	49	<0.1	26.2	17.6	300	3.01	5.5	0.4	<0.5	2.7	13	<0.1	0.3	<0.1	74	0.26	0.027
1023924	Soil	0.9	83.4	7.4	56	<0.1	22.9	16.3	293	2.90	5.0	0.4	3.4	2.7	18	<0.1	0.2	<0.1	70	0.36	0.082
1023904	Soil	0.9	34.8	8.0	55	<0.1	18.8	9.6	488	2.82	6.5	0.9	<0.5	7.2	14	<0.1	0.4	0.1	54	0.32	0.084

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029711	Soil	7	25	1.77	365	0.312	<1	3.51	0.028	0.23	<0.1	0.02	8.7	<0.1	<0.05	13	<0.5	<0.2
1029720	Soil	7	14	2.29	443	0.206	<1	3.20	0.037	1.07	<0.1	<0.01	9.5	0.1	<0.05	10	<0.5	<0.2
1029735	Soil	5	11	1.35	595	0.206	2	2.64	0.018	0.99	<0.1	<0.01	7.0	0.3	<0.05	9	0.7	<0.2
1029732	Soil	9	34	0.95	248	0.122	<1	2.56	0.016	0.16	<0.1	0.02	3.4	<0.1	<0.05	7	0.7	<0.2
1029728	Soil	7	38	1.09	377	0.230	<1	2.47	0.014	0.75	<0.1	<0.01	6.1	0.2	<0.05	7	0.8	<0.2
1023931	Soil	11	25	0.47	209	0.041	1	1.66	0.010	0.09	0.1	0.01	4.3	<0.1	<0.05	5	0.6	<0.2
1029714	Soil	22	19	0.78	252	0.046	<1	1.76	0.012	0.09	<0.1	0.04	8.0	<0.1	<0.05	6	0.6	<0.2
1029718	Soil	6	20	1.36	367	0.181	<1	2.17	0.034	0.50	<0.1	<0.01	4.4	0.1	<0.05	6	<0.5	<0.2
1029739	Soil	10	37	0.55	217	0.057	2	1.93	0.015	0.06	0.2	0.02	3.9	<0.1	<0.05	6	0.8	<0.2
1029561	Soil	22	30	0.49	283	0.024	1	1.80	0.011	0.04	0.1	0.03	7.0	<0.1	<0.05	6	<0.5	<0.2
1009797	Soil	15	35	0.66	260	0.047	<1	1.90	0.016	0.05	0.1	0.04	7.8	<0.1	<0.05	6	<0.5	<0.2
1023926	Soil	8	33	0.53	230	0.053	1	2.00	0.010	0.05	0.2	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
1023928	Soil	8	14	0.23	103	0.048	<1	1.03	0.005	0.03	<0.1	0.01	2.6	<0.1	<0.05	3	<0.5	<0.2
1023932	Soil	25	23	0.52	240	0.035	2	1.77	0.011	0.06	0.1	0.02	6.2	<0.1	<0.05	6	<0.5	<0.2
1023927	Soil	5	14	0.66	220	0.181	1	2.47	0.012	0.29	<0.1	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1023933	Soil	7	15	0.37	153	0.028	<1	1.35	0.010	0.06	0.1	<0.01	6.0	<0.1	<0.05	7	0.5	<0.2
1023929	Soil	9	23	0.55	266	0.057	2	2.10	0.010	0.12	0.1	0.01	4.0	<0.1	<0.05	6	0.6	<0.2
1023930	Soil	31	29	0.62	377	0.063	2	1.88	0.014	0.06	0.1	0.04	8.2	<0.1	<0.05	6	<0.5	<0.2
1023908	Soil	10	42	1.43	391	0.189	1	2.51	0.025	0.63	<0.1	<0.01	2.8	0.2	<0.05	7	0.5	<0.2
1023901	Soil	19	29	0.75	271	0.120	1	1.80	0.014	0.23	<0.1	<0.01	4.2	<0.1	0.08	5	0.8	<0.2
1023903	Soil	5	22	0.72	344	0.134	<1	2.09	0.022	0.14	<0.1	<0.01	3.2	0.1	<0.05	7	0.5	<0.2
1023919	Soil	10	34	0.69	180	0.119	2	1.98	0.011	0.09	0.1	0.02	2.9	<0.1	<0.05	5	0.7	<0.2
1023907	Soil	2	38	2.33	459	0.302	<1	3.28	0.021	1.36	<0.1	0.01	3.6	0.1	<0.05	9	<0.5	<0.2
1023902	Soil	6	35	1.28	338	0.296	2	2.87	0.016	1.04	<0.1	0.01	4.8	0.5	<0.05	9	<0.5	<0.2
1023905	Soil	10	31	0.85	201	0.105	1	2.42	0.015	0.29	<0.1	0.02	3.9	0.1	<0.05	7	0.6	<0.2
1023906	Soil	12	84	1.91	454	0.229	1	2.86	0.017	1.35	<0.1	<0.01	9.8	0.3	<0.05	11	<0.5	<0.2
1023921	Soil	13	41	0.88	182	0.148	2	2.32	0.025	0.11	0.1	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1023922	Soil	5	33	0.98	193	0.150	<1	2.51	0.021	0.08	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1023924	Soil	6	34	1.01	185	0.140	1	2.19	0.019	0.20	0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1023904	Soil	14	31	0.69	224	0.109	1	1.77	0.021	0.27	0.2	<0.01	3.6	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000236.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023920	Soil	0.6	118.0	6.5	75	<0.1	24.4	23.7	724	5.00	4.0	0.6	1.7	4.5	37	<0.1	0.2	<0.1	114	0.51	0.080
1023923	Soil	0.9	106.8	3.1	47	<0.1	23.4	25.4	457	3.81	3.2	0.3	<0.5	1.8	18	<0.1	0.2	<0.1	95	0.51	0.101
1023912	Soil	0.6	83.4	6.3	54	<0.1	21.1	16.0	311	2.98	5.1	0.4	2.3	2.1	19	0.1	0.3	<0.1	81	0.38	0.083
1023913	Soil	0.7	88.5	5.5	56	<0.1	20.6	17.3	323	3.03	4.9	0.4	1.1	2.2	19	<0.1	0.3	<0.1	81	0.40	0.089
1023925	Soil	1.0	27.5	9.1	49	<0.1	15.2	9.5	181	2.58	8.1	0.6	2.0	2.7	13	<0.1	0.3	0.1	69	0.19	0.041
1023910	Soil	0.8	39.5	5.8	56	<0.1	18.0	15.0	409	3.12	5.3	0.8	<0.5	3.7	14	<0.1	0.3	<0.1	90	0.34	0.070
1023918	Soil	0.9	114.1	9.9	124	0.2	27.3	20.9	605	4.09	5.4	0.3	<0.5	2.3	20	0.2	0.2	0.1	110	0.44	0.075
1023915	Soil	0.8	38.2	5.5	77	<0.1	20.2	17.1	523	3.65	24.4	0.3	<0.5	1.7	21	<0.1	0.2	<0.1	97	0.34	0.065
1009799	Soil	1.5	64.4	9.0	75	<0.1	19.1	14.3	228	3.37	6.9	0.5	<0.5	2.0	15	0.1	0.3	0.1	97	0.29	0.047
1023911	Soil	0.7	42.9	6.6	78	<0.1	16.2	20.4	495	4.50	5.9	0.3	<0.5	1.8	12	<0.1	0.3	<0.1	138	0.31	0.054
1023909	Soil	0.7	98.8	6.9	73	<0.1	18.5	21.4	320	4.12	4.8	0.3	<0.5	1.4	25	0.1	0.2	<0.1	113	0.50	0.156
1023916	Soil	0.8	83.7	29.6	110	<0.1	25.2	22.4	708	4.78	4.0	0.4	<0.5	2.9	34	<0.1	0.2	<0.1	118	0.45	0.031
1023914	Soil	0.9	22.5	8.1	70	<0.1	16.4	11.6	587	3.68	6.5	0.4	<0.5	3.0	14	<0.1	0.3	<0.1	87	0.19	0.041
1022783	Soil	1.0	23.5	22.4	57	<0.1	23.8	10.5	342	2.73	8.7	3.2	<0.5	7.3	17	<0.1	0.5	0.6	65	0.23	0.049
1027692	Soil	1.0	79.1	6.2	71	<0.1	30.9	18.9	533	4.29	6.3	0.6	<0.5	2.6	61	0.2	0.2	0.1	118	0.46	0.054
1022780	Soil	0.9	28.4	17.1	56	<0.1	24.2	8.6	367	2.53	7.6	4.1	6.9	4.2	21	<0.1	0.5	0.4	59	0.29	0.063
1009798	Soil	1.2	28.2	8.7	51	<0.1	17.6	9.6	206	2.92	9.1	0.6	<0.5	3.2	16	<0.1	0.4	0.1	68	0.26	0.040
1022781	Soil	0.9	23.2	16.7	54	<0.1	22.1	8.3	272	2.60	7.9	2.9	11.2	3.9	16	0.2	0.4	0.4	63	0.23	0.062
1027690	Soil	1.4	40.6	8.1	76	<0.1	22.5	15.0	500	3.82	6.0	0.7	2.6	3.6	23	<0.1	0.3	0.2	97	0.31	0.034
1022784	Soil	1.0	27.8	23.5	57	<0.1	27.5	9.9	524	2.72	9.6	4.2	2.8	9.6	14	0.1	0.6	0.3	62	0.18	0.048
1022786	Soil	0.9	29.9	14.4	58	<0.1	27.6	10.0	363	2.79	8.1	2.2	1.5	6.6	25	<0.1	0.5	0.3	67	0.35	0.056
1022776	Soil	1.6	37.9	9.7	61	<0.1	23.4	13.1	387	2.89	5.6	1.4	1.1	2.8	33	<0.1	0.2	1.8	70	0.37	0.069
1027689	Soil	1.0	35.8	8.9	65	<0.1	28.4	14.0	382	3.60	9.0	1.0	5.1	5.2	23	<0.1	0.4	0.2	91	0.26	0.022
1022782	Soil	0.8	27.3	19.7	49	<0.1	21.1	8.2	359	2.49	7.3	3.8	2.2	4.2	18	<0.1	0.4	0.5	60	0.24	0.044
1022785	Soil	0.9	35.1	13.4	64	<0.1	26.9	10.6	376	2.89	9.0	4.0	1.6	7.1	21	0.1	0.5	0.4	70	0.28	0.040
1022779	Soil	1.2	24.0	19.3	54	<0.1	21.6	9.3	383	2.60	8.2	3.5	2.5	3.3	18	<0.1	0.5	0.6	62	0.26	0.059
1022777	Soil	1.4	22.4	11.5	58	<0.1	20.8	10.4	444	2.91	10.0	1.3	3.7	3.3	18	0.1	0.4	0.3	62	0.25	0.069
1027691	Soil	1.5	33.6	9.2	55	0.2	24.8	12.5	291	2.93	9.2	0.7	2.4	4.0	23	<0.1	0.4	0.2	71	0.29	0.026
1022778	Soil	1.1	28.2	20.4	59	<0.1	24.7	9.0	368	2.58	7.0	3.1	2.2	4.4	21	0.1	0.4	0.5	62	0.29	0.064
1027679	Soil	1.2	30.6	18.2	61	<0.1	27.4	14.2	565	2.96	9.5	3.8	3.9	7.8	14	0.1	0.6	0.4	70	0.19	0.064

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Project: PED
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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023920	Soil	10	50	1.57	353	0.043	1	3.25	0.019	0.09	<0.1	<0.01	8.6	<0.1	<0.05	10	<0.5	<0.2
1023923	Soil	2	39	1.23	133	0.127	<1	2.93	0.031	0.13	<0.1	0.01	4.2	<0.1	<0.05	6	<0.5	<0.2
1023912	Soil	6	29	0.99	183	0.148	1	2.14	0.020	0.10	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1023913	Soil	6	29	1.01	191	0.152	<1	2.18	0.025	0.11	0.2	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1023925	Soil	9	31	0.48	144	0.060	<1	1.79	0.020	0.04	0.2	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1023910	Soil	12	42	1.22	297	0.172	1	2.28	0.025	0.31	0.1	0.02	4.7	<0.1	<0.05	7	<0.5	<0.2
1023918	Soil	4	47	1.45	293	0.240	<1	3.03	0.029	0.32	0.2	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2
1023915	Soil	4	37	1.63	331	0.161	<1	2.67	0.014	0.38	<0.1	<0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
1009799	Soil	8	31	0.59	140	0.102	1	1.97	0.028	0.04	0.1	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
1023911	Soil	5	31	1.66	213	0.124	1	2.63	0.028	0.10	<0.1	<0.01	5.7	<0.1	<0.05	9	<0.5	<0.2
1023909	Soil	3	27	1.16	268	0.152	1	2.31	0.050	0.13	<0.1	0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1023916	Soil	4	44	1.74	159	0.136	1	3.17	0.018	0.12	<0.1	<0.01	6.4	<0.1	<0.05	9	<0.5	<0.2
1023914	Soil	9	28	1.29	285	0.164	<1	2.58	0.016	0.54	<0.1	<0.01	6.6	0.1	<0.05	8	<0.5	<0.2
1022783	Soil	15	42	0.53	172	0.083	2	2.26	0.016	0.08	0.2	0.05	5.1	0.1	<0.05	6	<0.5	<0.2
1027692	Soil	5	49	1.52	301	0.232	<1	3.52	0.028	0.43	0.4	0.02	6.0	0.2	<0.05	11	<0.5	<0.2
1022780	Soil	13	39	0.52	191	0.080	1	1.75	0.014	0.06	0.3	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1009798	Soil	10	33	0.50	160	0.051	<1	1.83	0.017	0.04	0.2	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1022781	Soil	12	36	0.53	134	0.080	2	2.00	0.013	0.06	0.2	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1027690	Soil	13	40	1.20	299	0.206	2	2.65	0.020	0.29	0.8	0.02	8.4	0.2	<0.05	9	<0.5	<0.2
1022784	Soil	19	37	0.53	157	0.078	2	2.39	0.013	0.07	0.3	0.05	4.8	0.1	<0.05	6	<0.5	<0.2
1022786	Soil	16	44	0.61	213	0.094	2	2.10	0.018	0.07	0.2	0.04	5.3	<0.1	<0.05	6	<0.5	<0.2
1022776	Soil	10	37	0.83	203	0.090	<1	2.22	0.018	0.10	2.7	0.01	4.5	0.2	<0.05	7	<0.5	<0.2
1027689	Soil	15	51	0.90	242	0.135	<1	2.75	0.019	0.08	0.6	0.03	6.6	0.1	<0.05	7	<0.5	<0.2
1022782	Soil	14	38	0.49	178	0.078	1	1.94	0.014	0.06	0.2	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1022785	Soil	19	46	0.61	196	0.101	2	2.38	0.015	0.08	0.2	0.03	7.0	0.1	<0.05	6	<0.5	<0.2
1022779	Soil	13	35	0.54	151	0.074	1	2.00	0.012	0.07	0.3	0.04	3.7	0.1	<0.05	6	<0.5	<0.2
1022777	Soil	12	37	0.60	190	0.056	1	2.09	0.013	0.06	0.4	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
1027691	Soil	10	39	0.66	268	0.087	1	2.17	0.016	0.07	0.2	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1022778	Soil	14	36	0.57	189	0.078	<1	1.87	0.014	0.06	0.4	0.04	4.6	0.1	<0.05	5	<0.5	<0.2
1027679	Soil	15	41	0.58	157	0.083	1	2.33	0.012	0.06	0.3	0.05	5.3	0.1	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1027686	Soil	1.4	33.2	7.8	53	<0.1	25.4	11.8	420	2.65	9.6	1.2	4.3	6.8	27	<0.1	0.6	0.3	64	0.29	0.050
1027560	Soil	1.0	24.7	11.3	63	<0.1	20.4	10.0	371	2.69	8.2	1.5	2.5	5.5	19	<0.1	0.5	0.2	60	0.22	0.053
1027694	Soil	1.3	81.5	7.6	91	<0.1	23.2	15.2	523	4.58	8.1	0.8	1.0	5.0	20	0.1	0.4	0.2	112	0.17	0.035
1027693	Soil	1.5	14.4	10.0	59	<0.1	17.9	9.8	479	2.99	9.7	0.4	0.7	2.2	14	<0.1	0.5	0.2	68	0.12	0.070
1027685	Soil	0.7	31.5	7.4	51	<0.1	23.7	11.2	408	2.70	8.8	1.1	0.6	4.5	29	<0.1	0.6	0.3	66	0.31	0.044
1022788	Soil	1.3	30.2	9.2	59	0.1	21.5	11.3	419	2.90	9.1	1.3	3.5	4.6	25	<0.1	0.6	0.2	63	0.27	0.059
1027695	Soil	1.3	80.1	4.6	74	<0.1	22.9	16.9	657	4.15	4.8	0.4	<0.5	2.0	69	<0.1	0.2	0.2	96	0.51	0.083
1027680	Soil	1.7	17.3	26.3	65	0.3	14.9	10.4	1024	2.97	8.0	1.5	2.5	4.0	12	0.3	0.5	1.1	75	0.10	0.052
1027684	Soil	0.8	25.5	7.4	54	<0.1	22.2	11.6	363	2.87	7.0	1.0	6.7	4.1	25	<0.1	0.4	0.2	70	0.31	0.065
1027687	Soil	0.9	36.2	8.6	59	<0.1	31.3	12.9	362	2.86	11.2	1.3	2.5	5.4	22	0.1	0.7	0.2	66	0.20	0.020
1027681	Soil	1.3	22.0	33.9	66	0.1	23.8	8.4	553	2.73	9.2	4.3	6.4	10.0	18	0.3	0.6	7.0	65	0.18	0.037
1027682	Soil	0.9	24.4	16.9	52	<0.1	23.4	10.6	360	2.66	8.6	2.3	1.3	6.8	17	<0.1	0.5	1.5	63	0.18	0.032
1027683	Soil	1.5	19.0	7.7	49	<0.1	14.3	11.2	360	3.61	6.7	0.5	0.7	2.7	16	0.2	0.3	0.2	106	0.25	0.068
1027688	Soil	1.6	26.4	9.9	62	<0.1	20.9	14.0	424	4.38	10.3	0.7	0.9	3.2	19	0.1	0.4	0.4	106	0.19	0.036
1027559	Soil	0.8	22.1	9.6	54	<0.1	17.5	10.0	423	2.41	6.2	2.0	2.3	6.4	22	0.1	0.4	0.2	54	0.29	0.066
1027558	Soil	1.3	18.0	13.3	69	<0.1	20.6	13.7	655	3.11	10.2	1.3	1.7	5.6	17	0.2	0.4	0.2	68	0.21	0.073
1027675	Soil	0.8	22.2	16.1	60	<0.1	21.2	11.0	517	2.66	7.3	2.3	10.2	12.6	19	0.2	0.4	0.2	58	0.24	0.058
1027678	Soil	1.4	23.3	14.7	56	0.1	20.2	10.0	361	3.05	10.1	2.8	2.8	10.8	15	<0.1	0.5	0.2	70	0.15	0.044
1027676	Soil	0.8	16.1	16.4	60	<0.1	18.8	10.2	522	2.50	8.4	1.6	1.2	7.2	17	0.2	0.5	0.2	54	0.23	0.058
1031978	Soil	0.9	24.2	8.5	67	<0.1	22.5	14.8	576	3.05	6.8	0.7	<0.5	3.3	30	<0.1	0.4	0.2	74	0.57	0.078
1031982	Soil	0.9	19.6	8.0	44	<0.1	22.5	10.4	306	2.58	8.5	0.5	3.9	4.9	20	<0.1	0.5	0.1	53	0.30	0.029
1031966	Soil	0.8	26.6	6.1	64	<0.1	19.1	13.6	577	3.38	6.5	0.6	2.6	5.7	25	<0.1	0.4	<0.1	66	0.47	0.071
1031975	Soil	0.5	14.9	4.0	44	<0.1	39.7	15.7	380	2.41	4.2	0.4	<0.5	8.8	19	<0.1	0.2	<0.1	52	0.46	0.106
1031977	Soil	0.8	22.3	6.7	74	<0.1	28.4	18.0	617	3.89	8.8	0.6	<0.5	6.9	31	<0.1	0.4	<0.1	81	0.46	0.084
1031979	Soil	0.6	28.7	6.0	40	<0.1	85.6	16.1	265	2.57	8.8	0.7	3.0	4.1	25	<0.1	0.5	<0.1	50	0.39	0.050
1031965	Soil	1.0	14.4	9.6	60	<0.1	23.0	9.1	319	2.54	9.0	0.5	3.4	4.7	19	<0.1	0.6	0.2	57	0.19	0.026
1031981	Soil	0.8	23.2	7.0	52	<0.1	25.8	11.7	371	2.88	8.6	0.6	29.5	5.3	20	<0.1	0.6	0.1	58	0.34	0.038
1031980	Soil	0.8	21.8	7.4	50	<0.1	24.3	11.0	331	2.66	9.0	0.6	1.0	4.5	24	<0.1	0.6	0.1	56	0.34	0.062
1031976	Soil	0.9	26.9	7.2	56	<0.1	28.6	15.2	459	2.85	7.8	0.5	1.1	6.1	25	<0.1	0.5	0.1	70	0.36	0.058
1031964	Soil	1.2	11.8	9.6	53	<0.1	19.6	9.0	301	2.47	9.1	0.5	3.3	3.6	19	<0.1	0.6	0.2	58	0.23	0.029

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000236.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1027686	Soil		19	35	0.74	223	0.111	2	1.71	0.013	0.09	0.2	0.02	5.4	0.1	0.07	5	<0.5	<0.2
1027560	Soil		16	34	0.56	169	0.083	2	1.89	0.010	0.07	0.4	0.04	4.1	0.2	0.06	6	<0.5	<0.2
1027694	Soil		8	34	1.43	352	0.238	<1	3.08	0.019	0.53	<0.1	0.01	8.4	0.2	0.08	11	<0.5	<0.2
1027693	Soil		7	30	0.50	171	0.045	<1	2.07	0.009	0.06	0.2	0.01	2.7	<0.1	0.07	7	<0.5	<0.2
1027685	Soil		15	35	0.60	260	0.095	2	1.55	0.013	0.06	0.3	0.05	6.0	0.1	0.06	5	<0.5	<0.2
1022788	Soil		18	35	0.58	242	0.082	2	1.95	0.012	0.07	0.3	0.05	5.5	0.1	<0.05	6	<0.5	<0.2
1027695	Soil		6	36	1.29	325	0.163	<1	3.25	0.021	0.25	0.3	0.01	5.3	0.2	<0.05	10	<0.5	<0.2
1027680	Soil		10	29	0.32	148	0.060	1	1.76	0.010	0.04	0.2	0.03	2.4	0.2	<0.05	8	<0.5	<0.2
1027684	Soil		15	36	0.82	251	0.112	1	1.78	0.014	0.09	0.5	0.03	5.0	0.2	<0.05	5	<0.5	<0.2
1027687	Soil		16	38	0.66	260	0.101	1	2.07	0.012	0.07	0.3	0.04	6.3	0.1	<0.05	6	<0.5	<0.2
1027681	Soil		20	36	0.45	177	0.072	1	1.89	0.009	0.06	0.2	0.04	4.3	0.1	<0.05	6	<0.5	<0.2
1027682	Soil		11	38	0.53	167	0.083	<1	2.04	0.010	0.05	0.2	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1027683	Soil		9	29	0.77	162	0.148	<1	1.77	0.013	0.12	0.4	0.02	3.9	0.1	<0.05	8	<0.5	<0.2
1027688	Soil		8	42	0.93	174	0.149	2	2.78	0.012	0.09	1.2	0.02	5.0	0.1	<0.05	9	<0.5	<0.2
1027559	Soil		16	27	0.51	161	0.092	<1	1.53	0.015	0.07	0.4	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1027558	Soil		11	33	0.53	133	0.083	<1	2.02	0.011	0.07	0.4	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1027675	Soil		16	32	0.56	151	0.083	<1	2.03	0.011	0.08	0.3	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1027678	Soil		13	36	0.51	147	0.086	<1	2.29	0.009	0.06	0.3	0.04	4.0	0.2	<0.05	7	<0.5	<0.2
1027676	Soil		11	29	0.49	133	0.071	1	1.72	0.013	0.07	0.3	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
1031978	Soil		11	32	0.71	407	0.125	1	2.01	0.014	0.27	0.2	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1031982	Soil		14	30	0.57	193	0.098	1	1.40	0.011	0.28	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1031966	Soil		16	27	0.94	384	0.227	<1	2.05	0.010	0.72	0.2	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1031975	Soil		11	24	1.29	391	0.222	<1	1.93	0.017	0.73	<0.1	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
1031977	Soil		11	31	1.41	286	0.248	1	2.48	0.012	0.72	0.1	0.01	2.9	0.2	0.05	7	<0.5	<0.2
1031979	Soil		13	115	1.15	207	0.101	<1	1.44	0.014	0.26	0.1	0.05	3.5	0.1	<0.05	4	<0.5	<0.2
1031965	Soil		12	34	0.49	260	0.077	1	1.56	0.011	0.08	0.2	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1031981	Soil		16	29	0.73	204	0.121	1	1.51	0.011	0.35	0.3	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1031980	Soil		15	32	0.63	247	0.109	1	1.44	0.011	0.26	0.2	0.02	3.4	0.1	<0.05	4	<0.5	<0.2
1031976	Soil		12	31	0.97	308	0.156	<1	1.66	0.014	0.40	0.2	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1031964	Soil		10	32	0.48	264	0.076	<1	1.52	0.009	0.09	0.2	0.01	2.0	<0.1	0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000236.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031967	Soil		1.2	22.4	7.5	66	<0.1	25.9	11.8	672	3.53	8.4	0.8	2.4	8.5	23	<0.1	0.6	0.1	59	0.36	0.054
1031963	Soil		1.1	15.3	9.8	59	<0.1	21.7	10.1	376	2.79	8.0	0.5	<0.5	4.2	22	<0.1	0.6	0.1	61	0.27	0.026
1031969	Soil		1.2	32.3	7.9	74	<0.1	24.9	17.9	672	4.75	6.1	1.3	2.4	8.8	27	<0.1	0.5	<0.1	99	0.45	0.103
1031971	Soil		1.7	18.4	12.5	60	<0.1	24.3	9.9	423	2.90	7.2	0.6	1.8	5.5	28	<0.1	0.7	0.1	61	0.37	0.047
1031968	Soil		0.8	18.9	7.5	62	<0.1	36.5	13.6	608	3.61	7.5	1.1	1.3	9.6	24	<0.1	0.6	0.1	67	0.37	0.069
1031955	Soil		1.0	50.0	7.8	64	<0.1	23.3	15.2	428	3.01	5.4	0.5	4.3	2.8	19	<0.1	0.4	0.1	74	0.29	0.046
1031952	Soil		0.6	56.6	4.7	95	<0.1	35.6	21.2	757	5.42	2.9	0.5	1.8	2.6	30	<0.1	0.2	<0.1	142	0.50	0.123
1031951	Soil		0.8	35.6	7.0	67	<0.1	28.4	12.7	702	3.38	5.4	0.5	3.1	3.2	20	<0.1	0.4	<0.1	74	0.30	0.068
1031954	Soil		1.1	26.2	8.2	81	<0.1	17.6	9.3	502	2.98	7.0	0.6	3.9	3.6	17	<0.1	0.4	0.1	60	0.22	0.046
1031972	Soil		1.5	24.9	13.0	57	<0.1	30.6	9.7	404	2.48	6.0	0.6	10.5	6.3	31	0.1	0.6	0.1	49	0.45	0.059
1031956	Soil		1.1	46.2	6.2	55	<0.1	28.4	14.3	641	3.41	6.8	0.6	2.9	4.2	18	<0.1	0.3	0.1	72	0.33	0.039
1031974	Soil		1.3	12.6	13.0	60	<0.1	20.8	11.7	570	2.88	6.2	0.6	2.2	7.7	18	<0.1	0.5	0.1	55	0.27	0.067
1031970	Soil		1.0	13.0	8.7	56	<0.1	21.2	10.5	594	2.99	7.2	0.7	4.8	6.4	23	<0.1	0.6	0.2	60	0.31	0.052
1031953	Soil		0.8	39.6	7.4	71	<0.1	13.8	14.1	666	3.51	4.6	0.4	1.8	1.8	21	<0.1	0.3	0.1	83	0.38	0.074
1031962	Soil		1.1	15.6	7.4	49	<0.1	24.4	11.3	332	2.81	7.5	0.4	1.6	3.1	19	<0.1	0.4	0.1	64	0.27	0.043
1031973	Soil		1.6	17.3	15.2	62	<0.1	25.7	10.9	511	2.97	7.9	0.6	2.5	6.7	25	<0.1	0.5	0.2	56	0.35	0.043
1031961	Soil		0.9	9.8	6.7	39	<0.1	12.2	8.2	323	2.12	4.6	0.4	2.5	3.2	19	<0.1	0.3	0.1	58	0.27	0.049
1031959	Soil		0.9	18.5	10.5	60	<0.1	27.0	16.2	548	3.40	5.3	0.4	1.5	4.0	23	<0.1	0.4	0.1	79	0.33	0.039
1011510	Soil		1.2	15.2	19.7	51	<0.1	19.6	6.9	355	2.29	6.7	6.5	3.0	14.3	22	0.1	0.4	0.6	57	0.27	0.035
1013099	Soil		0.9	23.4	22.1	50	<0.1	23.0	8.0	388	2.41	7.2	17.4	2.8	19.5	27	<0.1	0.5	0.6	54	0.32	0.036
1031958	Soil		0.8	26.0	6.7	72	<0.1	18.0	17.6	628	4.31	5.2	0.8	2.3	5.6	25	<0.1	0.4	<0.1	92	0.44	0.055
1031960	Soil		1.2	21.9	12.7	59	<0.1	61.1	17.1	678	3.56	7.2	0.9	3.0	5.5	27	<0.1	0.5	0.1	91	0.34	0.030
1011511	Soil		1.5	18.2	18.2	53	<0.1	24.6	7.9	400	2.36	6.9	9.4	3.5	14.5	25	0.1	0.4	0.6	54	0.30	0.035
1013097	Soil		0.9	18.0	17.9	53	<0.1	22.1	8.6	383	2.57	8.4	6.0	2.5	13.9	22	<0.1	0.5	0.5	59	0.29	0.038
1031957	Soil		1.1	25.6	10.8	90	<0.1	17.1	9.5	351	3.29	6.0	0.9	1.6	5.0	29	<0.1	0.4	0.1	69	0.20	0.023
1013093	Soil		0.9	19.6	20.8	53	0.1	20.4	7.2	299	2.54	7.4	2.8	2.8	12.2	20	<0.1	0.5	0.7	59	0.23	0.025
1013095	Soil		1.2	17.8	18.0	52	<0.1	20.2	8.0	331	2.54	7.3	3.9	2.5	12.3	24	0.1	0.4	0.6	59	0.28	0.027
1011518	Soil		1.0	17.6	20.4	52	<0.1	19.9	8.0	402	2.42	6.8	9.2	5.3	14.6	25	0.2	0.5	0.6	57	0.31	0.034
1027738	Soil		1.3	19.8	34.8	69	0.2	21.1	9.0	828	2.83	7.5	19.8	3.5	23.8	29	0.3	0.4	1.3	56	0.31	0.077
1013096	Soil		1.1	23.0	15.5	54	0.1	21.9	10.9	568	2.64	7.4	6.4	3.7	13.4	24	<0.1	0.5	0.5	62	0.27	0.033

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031967	Soil	23	32	0.68	317	0.170	<1	1.90	0.010	0.51	0.2	0.02	4.3	0.2	<0.05	7	<0.5	<0.2
1031963	Soil	9	37	0.63	215	0.101	<1	1.62	0.010	0.18	0.2	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1031969	Soil	34	34	1.14	453	0.132	1	2.46	0.011	0.65	0.3	0.03	9.4	0.2	<0.05	8	<0.5	<0.2
1031971	Soil	15	38	0.64	290	0.151	1	1.73	0.014	0.31	0.2	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1031968	Soil	30	78	0.85	284	0.137	<1	1.95	0.010	0.54	0.2	0.01	5.3	0.2	<0.05	7	<0.5	<0.2
1031955	Soil	9	32	1.10	237	0.155	5	1.85	0.017	0.44	0.1	<0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1031952	Soil	10	71	2.65	645	0.361	3	3.50	0.031	1.40	<0.1	0.01	8.5	0.4	<0.05	12	<0.5	<0.2
1031951	Soil	10	49	1.02	438	0.174	4	1.83	0.011	0.53	<0.1	0.01	4.7	0.2	<0.05	6	<0.5	<0.2
1031954	Soil	12	30	0.70	250	0.095	2	1.66	0.011	0.30	0.1	0.03	3.8	0.1	<0.05	6	<0.5	<0.2
1031972	Soil	23	38	0.56	282	0.110	4	1.50	0.024	0.16	0.1	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
1031956	Soil	7	61	1.10	236	0.155	3	2.04	0.015	0.43	<0.1	0.01	3.9	0.2	<0.05	7	<0.5	<0.2
1031974	Soil	14	28	0.71	289	0.087	3	1.59	0.013	0.31	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1031970	Soil	14	30	0.70	274	0.119	3	1.70	0.009	0.38	0.2	0.02	3.7	0.2	<0.05	5	<0.5	<0.2
1031953	Soil	5	22	1.13	410	0.153	2	2.16	0.018	0.43	<0.1	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1031962	Soil	6	60	0.83	188	0.121	2	1.63	0.010	0.24	0.1	0.03	1.9	0.1	<0.05	5	<0.5	<0.2
1031973	Soil	15	37	0.65	296	0.122	2	1.73	0.011	0.28	0.1	0.01	3.2	0.1	<0.05	5	<0.5	<0.2
1031961	Soil	9	22	0.65	190	0.124	2	1.15	0.010	0.27	0.2	<0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1031959	Soil	7	41	1.29	211	0.185	1	2.17	0.011	0.39	0.2	0.01	2.2	0.2	<0.05	6	<0.5	<0.2
1011510	Soil	15	35	0.48	197	0.059	1	1.80	0.011	0.04	0.2	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1013099	Soil	27	38	0.52	276	0.067	2	1.79	0.012	0.04	0.2	0.03	5.2	0.2	<0.05	5	<0.5	<0.2
1031958	Soil	24	28	1.28	417	0.161	1	2.31	0.014	0.41	<0.1	0.01	4.5	0.1	<0.05	7	<0.5	<0.2
1031960	Soil	10	72	1.42	248	0.165	1	2.23	0.013	0.16	0.2	0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1011511	Soil	18	41	0.50	234	0.059	<1	1.75	0.011	0.04	0.2	0.03	3.8	0.1	<0.05	5	<0.5	<0.2
1013097	Soil	16	35	0.55	204	0.068	1	1.84	0.011	0.04	0.2	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1031957	Soil	12	30	0.90	273	0.142	<1	2.05	0.013	0.36	<0.1	<0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1013093	Soil	11	35	0.55	177	0.069	1	1.98	0.010	0.04	0.2	0.01	3.2	0.1	<0.05	5	<0.5	<0.2
1013095	Soil	15	37	0.57	201	0.062	<1	1.95	0.012	0.04	0.2	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
1011518	Soil	18	36	0.51	234	0.067	2	1.79	0.012	0.04	0.2	0.04	4.1	0.2	<0.05	5	<0.5	<0.2
1027738	Soil	27	35	0.41	273	0.057	1	2.58	0.010	0.06	0.3	0.05	4.9	0.2	<0.05	8	<0.5	<0.2
1013096	Soil	17	39	0.57	221	0.081	2	1.87	0.012	0.04	0.1	0.02	4.8	0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000236.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011519	Soil	0.9	18.4	14.3	49	<0.1	19.0	7.9	394	2.17	6.7	5.2	3.5	12.7	24	0.2	0.4	0.4	50	0.30	0.048
1013100	Soil	0.9	23.9	19.4	51	<0.1	23.0	10.2	474	2.45	7.4	13.8	6.1	14.4	28	<0.1	0.5	0.5	55	0.34	0.042
1026635	Soil	1.3	20.6	25.4	56	<0.1	21.1	8.0	416	2.64	8.0	9.5	3.8	26.3	27	<0.1	0.4	0.8	59	0.31	0.033
1027739	Soil	1.0	21.2	33.4	78	0.1	20.6	10.9	1516	2.96	9.1	8.9	4.4	27.5	36	0.4	0.5	1.3	64	0.36	0.065
1013084	Soil	1.5	11.1	30.9	46	<0.1	15.5	11.7	1333	2.15	7.0	3.4	3.2	9.9	12	0.2	0.5	1.5	44	0.13	0.044
1011520	Soil	1.1	23.5	20.1	52	<0.1	21.7	9.6	454	2.55	8.6	8.1	6.0	17.0	27	0.1	0.4	0.5	57	0.33	0.047
1013091	Soil	1.2	20.6	16.9	51	<0.1	21.1	8.4	382	2.50	7.2	4.5	4.3	12.0	24	<0.1	0.4	0.6	59	0.28	0.037
1026636	Soil	0.8	11.8	19.3	46	<0.1	14.5	5.6	254	1.91	4.5	4.2	2.9	10.6	23	0.1	0.3	0.5	46	0.26	0.029
1013090	Soil	1.0	20.9	16.3	51	<0.1	21.6	8.1	369	2.45	7.1	5.0	5.6	11.8	23	<0.1	0.4	0.5	59	0.27	0.036
1013086	Soil	1.0	28.3	20.3	57	<0.1	23.3	9.5	526	2.79	9.3	4.8	5.0	19.8	27	<0.1	0.6	0.6	61	0.25	0.035
1013083	Soil	0.9	19.6	25.4	56	<0.1	23.9	9.8	641	2.92	9.2	3.8	2.7	25.7	16	<0.1	0.6	0.9	55	0.17	0.037
1013085	Soil	0.9	22.9	14.4	57	<0.1	23.1	9.8	455	2.93	10.8	3.8	11.1	16.2	29	<0.1	0.6	0.3	62	0.24	0.027
1013088	Soil	0.7	14.5	17.1	46	<0.1	15.6	6.1	387	2.08	5.5	4.4	2.3	17.6	20	<0.1	0.4	0.5	43	0.19	0.021
1027742	Soil	1.3	18.6	30.6	59	0.1	21.9	8.2	650	2.48	8.5	9.8	2.6	22.8	35	0.2	0.6	1.2	52	0.35	0.037
1011521	Soil	1.0	15.1	16.0	49	<0.1	18.9	7.3	361	2.21	7.3	5.4	4.4	15.2	26	<0.1	0.4	0.5	48	0.32	0.039
1013089	Soil	0.7	16.6	15.4	44	0.1	17.1	7.2	296	2.21	5.9	3.6	3.5	8.8	27	<0.1	0.4	0.4	47	0.28	0.041
1013081	Soil	1.3	14.2	12.8	47	<0.1	17.2	8.6	324	2.59	9.9	1.6	4.8	7.0	16	0.1	0.5	0.5	63	0.14	0.036
1013092	Soil	0.9	24.0	19.0	55	<0.1	23.5	7.4	344	2.73	8.5	7.9	3.6	15.8	30	<0.1	0.6	0.7	61	0.28	0.027
1013087	Soil	1.2	23.6	21.2	60	<0.1	25.1	10.4	459	3.06	11.1	4.0	3.8	16.9	27	0.1	0.6	0.6	64	0.22	0.027
1027740	Soil	1.1	24.2	26.7	58	<0.1	20.0	9.5	636	2.57	8.3	13.8	4.8	27.3	33	0.1	0.4	0.8	56	0.34	0.038
1013074	Soil	0.9	15.7	7.7	43	<0.1	17.6	6.9	205	2.40	7.1	0.5	1.8	2.3	18	<0.1	0.4	0.3	53	0.21	0.046
1013030	Soil	1.4	21.3	10.8	52	<0.1	20.6	9.3	303	2.89	9.0	0.7	3.5	2.0	25	0.2	0.5	0.7	67	0.21	0.045
1013082	Soil	0.8	31.2	16.1	60	<0.1	23.7	8.9	462	2.94	8.9	3.9	5.1	15.8	35	<0.1	0.6	0.7	63	0.37	0.057
1026634	Soil	0.8	12.3	23.4	52	<0.1	15.4	6.4	339	2.19	6.6	4.3	2.1	17.2	22	<0.1	0.4	0.7	46	0.24	0.034
1013080	Soil	1.0	34.0	10.1	64	<0.1	24.9	13.4	369	3.09	6.8	0.6	2.5	3.0	33	<0.1	0.4	0.8	72	0.31	0.052
1013072	Soil	1.7	20.8	13.6	53	<0.1	18.7	8.9	277	2.89	8.2	0.5	2.9	2.2	20	<0.1	0.5	0.4	67	0.24	0.046
1027736	Soil	1.0	11.7	20.8	59	<0.1	14.6	6.7	404	2.31	6.8	4.3	1.9	11.6	24	0.2	0.3	0.7	51	0.25	0.053
1027741	Soil	0.7	9.3	26.3	39	<0.1	10.8	4.9	386	1.61	4.7	5.6	2.2	23.5	18	<0.1	0.4	1.1	33	0.18	0.029
1013079	Soil	1.2	34.7	11.3	59	0.1	22.7	11.7	332	2.81	6.7	0.7	6.0	2.6	34	0.2	0.3	0.6	66	0.30	0.054
1013078	Soil	2.1	19.4	9.8	51	0.1	18.5	8.9	247	2.93	8.0	0.5	2.4	1.6	26	0.1	0.4	0.4	68	0.25	0.037

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011519	Soil	16	31	0.48	222	0.057	<1	1.54	0.011	0.04	0.2	0.04	3.8	0.1	<0.05	5	<0.5	<0.2
1013100	Soil	20	37	0.55	276	0.068	<1	1.84	0.013	0.05	0.2	0.04	6.0	0.1	<0.05	5	<0.5	<0.2
1026635	Soil	25	39	0.47	244	0.071	<1	2.12	0.010	0.05	0.2	0.04	5.0	0.2	<0.05	7	<0.5	<0.2
1027739	Soil	30	34	0.46	345	0.069	<1	2.66	0.011	0.06	0.4	0.05	5.4	0.3	<0.05	8	<0.5	<0.2
1013084	Soil	10	27	0.32	106	0.026	1	1.48	0.007	0.06	0.2	0.03	2.0	0.2	<0.05	6	<0.5	<0.2
1011520	Soil	24	40	0.52	247	0.066	1	1.84	0.011	0.05	0.2	0.04	5.4	0.1	<0.05	5	<0.5	<0.2
1013091	Soil	16	37	0.58	206	0.074	<1	1.87	0.011	0.05	0.2	0.03	3.9	0.1	<0.05	5	<0.5	<0.2
1026636	Soil	15	29	0.44	183	0.063	<1	1.59	0.011	0.04	0.2	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1013090	Soil	17	37	0.56	208	0.071	<1	1.80	0.011	0.05	0.2	0.03	4.0	0.1	<0.05	5	<0.5	<0.2
1013086	Soil	28	38	0.58	223	0.077	1	1.92	0.011	0.06	0.2	0.03	6.3	0.2	<0.05	6	<0.5	<0.2
1013083	Soil	12	34	0.56	176	0.057	<1	2.35	0.008	0.06	0.2	0.03	3.0	0.2	0.11	6	<0.5	<0.2
1013085	Soil	20	38	0.60	226	0.075	1	2.05	0.013	0.06	0.2	0.03	5.0	0.1	<0.05	6	<0.5	<0.2
1013088	Soil	17	28	0.41	142	0.065	<1	1.21	0.010	0.04	0.3	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1027742	Soil	19	35	0.48	228	0.065	1	1.79	0.014	0.06	0.3	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1011521	Soil	18	35	0.47	239	0.060	<1	1.64	0.010	0.04	0.2	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1013089	Soil	15	30	0.52	203	0.061	<1	1.71	0.014	0.04	0.2	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1013081	Soil	12	31	0.47	136	0.070	<1	1.76	0.007	0.04	0.2	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1013092	Soil	28	40	0.56	234	0.086	<1	1.91	0.012	0.05	0.2	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1013087	Soil	22	38	0.59	213	0.070	1	2.33	0.011	0.05	0.2	0.04	4.0	0.2	<0.05	7	<0.5	<0.2
1027740	Soil	30	38	0.50	287	0.074	<1	1.86	0.014	0.05	0.4	0.05	4.4	0.2	<0.05	7	<0.5	<0.2
1013074	Soil	9	26	0.54	121	0.075	<1	1.74	0.010	0.06	0.3	0.02	2.0	0.1	<0.05	6	<0.5	<0.2
1013030	Soil	9	35	0.59	185	0.076	<1	1.85	0.011	0.07	0.3	0.03	2.2	0.1	<0.05	7	<0.5	<0.2
1013082	Soil	22	44	0.60	232	0.097	1	2.00	0.017	0.07	0.2	0.03	5.7	0.2	<0.05	6	<0.5	<0.2
1026634	Soil	14	26	0.42	144	0.071	<1	1.56	0.010	0.05	0.3	0.03	2.5	0.2	<0.05	6	<0.5	<0.2
1013080	Soil	9	36	0.88	259	0.131	<1	2.25	0.015	0.13	1.3	0.01	2.9	0.2	<0.05	7	<0.5	<0.2
1013072	Soil	10	30	0.60	127	0.094	<1	1.84	0.011	0.07	0.6	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1027736	Soil	15	25	0.38	180	0.057	<1	1.68	0.013	0.05	0.2	0.02	2.4	0.2	<0.05	6	<0.5	<0.2
1027741	Soil	17	21	0.28	126	0.062	<1	1.20	0.011	0.05	0.5	<0.01	2.1	0.1	<0.05	4	<0.5	<0.2
1013079	Soil	10	38	0.77	257	0.104	1	2.10	0.018	0.15	1.2	0.03	2.8	0.2	<0.05	6	<0.5	<0.2
1013078	Soil	8	32	0.60	166	0.079	1	1.99	0.013	0.06	0.7	0.03	2.4	0.2	<0.05	7	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1027737	Soil	1.1	13.2	33.9	68	<0.1	19.6	9.2	430	3.10	9.6	6.2	2.9	31.0	28	0.1	0.5	1.0	59	0.29	0.046
1013094	Soil	1.0	14.3	20.7	50	<0.1	17.9	7.1	325	2.50	7.9	4.0	2.6	10.2	25	<0.1	0.4	0.8	59	0.27	0.035
1013073	Soil	1.5	15.8	9.2	44	<0.1	16.0	7.5	218	2.56	7.3	0.5	3.4	2.1	18	0.1	0.4	0.3	65	0.19	0.053
1013075	Soil	1.1	19.4	7.5	49	<0.1	19.0	8.7	242	2.53	6.3	0.6	2.3	2.1	24	0.1	0.3	0.4	57	0.28	0.062
1013018	Soil	1.5	39.3	6.7	56	<0.1	23.2	10.0	311	2.69	6.9	0.7	2.6	2.9	33	0.1	0.4	0.8	64	0.28	0.055
1013002	Soil	0.7	41.1	6.1	59	<0.1	25.3	15.0	326	3.15	5.4	0.4	2.8	2.4	30	0.1	0.3	0.2	78	0.30	0.060
1013001	Soil	1.7	20.2	7.6	49	<0.1	20.1	10.3	296	3.04	7.5	0.5	4.0	2.5	36	0.2	0.4	0.4	76	0.26	0.048
1013028	Soil	1.2	26.0	13.4	59	<0.1	23.7	11.5	407	3.14	9.9	0.7	3.9	3.3	29	0.1	0.5	0.6	73	0.28	0.053
1013023	Soil	1.9	9.5	7.1	19	<0.1	8.1	2.6	75	1.12	3.2	0.3	2.0	1.3	25	0.1	0.4	0.3	51	0.14	0.022
1013065	Soil	0.8	21.3	7.4	52	<0.1	20.1	7.8	289	2.38	6.4	0.8	2.5	4.0	30	<0.1	0.5	0.1	54	0.34	0.044
1013029	Soil	1.4	33.7	10.0	59	<0.1	23.8	12.9	403	2.98	8.6	0.7	3.7	3.5	31	<0.1	0.5	0.4	68	0.30	0.057
1013020	Soil	1.2	50.7	8.8	50	<0.1	22.3	10.1	298	2.78	8.1	0.7	3.0	2.5	30	<0.1	0.5	0.4	66	0.29	0.072
1013064	Soil	1.2	25.0	8.9	54	<0.1	21.9	9.9	321	2.81	8.4	0.9	3.7	4.2	29	<0.1	0.5	0.2	64	0.30	0.051
1013067	Soil	2.0	21.9	10.4	48	<0.1	18.3	9.2	289	2.54	6.6	1.1	4.0	5.5	21	<0.1	0.3	0.2	60	0.24	0.034
1013051	Soil	0.7	38.1	6.6	55	<0.1	23.5	10.7	313	2.50	5.6	0.7	2.3	3.1	58	0.1	0.4	1.2	64	0.40	0.061
1013070	Soil	2.7	19.7	14.4	48	0.2	19.5	7.6	201	3.03	9.7	0.6	13.3	1.9	18	0.2	0.5	0.3	75	0.19	0.034
1013066	Soil	3.0	29.0	13.8	59	0.2	26.6	11.3	397	3.17	8.6	1.1	9.6	3.3	28	0.1	0.4	0.3	78	0.35	0.056
1013019	Soil	2.3	48.1	8.5	73	<0.1	31.7	13.5	367	3.47	7.6	0.6	2.2	3.0	35	0.2	0.4	1.3	87	0.35	0.049
1013069	Soil	2.6	26.7	11.1	58	<0.1	24.6	10.9	350	3.27	9.7	0.7	2.7	4.4	22	<0.1	0.4	0.4	75	0.31	0.041
1013068	Soil	4.1	16.9	12.2	54	0.2	19.8	7.8	313	3.09	9.8	0.5	2.3	1.5	27	0.2	0.5	0.3	86	0.39	0.042

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000236.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1027737	Soil	17	36	0.44	208	0.070	<1	2.58	0.011	0.06	0.2	0.03	3.8	0.2	<0.05	8	<0.5	<0.2
1013094	Soil	12	36	0.52	201	0.064	<1	1.71	0.012	0.04	0.2	0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1013073	Soil	9	30	0.52	113	0.080	<1	1.84	0.011	0.06	0.3	0.03	2.2	0.1	<0.05	7	<0.5	<0.2
1013075	Soil	10	30	0.65	162	0.091	1	1.80	0.013	0.08	0.3	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1013018	Soil	10	43	0.68	229	0.109	<1	1.78	0.014	0.10	1.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1013002	Soil	6	32	0.82	189	0.073	<1	2.87	0.018	0.08	0.3	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1013001	Soil	8	30	0.67	147	0.116	<1	2.18	0.015	0.07	0.2	0.04	2.7	0.1	<0.05	7	<0.5	<0.2
1013028	Soil	10	37	0.70	190	0.096	<1	2.20	0.013	0.09	0.6	0.03	3.2	0.1	<0.05	7	<0.5	<0.2
1013023	Soil	5	15	0.14	104	0.100	1	0.58	0.012	0.04	<0.1	0.03	1.3	<0.1	<0.05	6	<0.5	<0.2
1013065	Soil	15	32	0.63	260	0.107	<1	1.51	0.015	0.07	0.3	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1013029	Soil	10	32	0.71	254	0.098	<1	2.00	0.016	0.09	1.2	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1013020	Soil	11	36	0.64	222	0.084	2	1.96	0.012	0.09	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1013064	Soil	13	37	0.63	269	0.097	<1	2.12	0.014	0.08	0.8	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1013067	Soil	16	35	0.62	215	0.111	1	1.89	0.013	0.08	0.5	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1013051	Soil	12	36	0.79	273	0.125	1	2.05	0.020	0.13	0.7	0.01	3.7	0.1	<0.05	6	<0.5	<0.2
1013070	Soil	11	35	0.50	138	0.078	1	2.06	0.010	0.06	0.4	0.03	2.6	0.1	<0.05	8	<0.5	<0.2
1013066	Soil	16	46	0.61	337	0.090	2	2.56	0.012	0.09	0.5	0.03	4.1	0.2	<0.05	8	<0.5	<0.2
1013019	Soil	10	64	1.03	227	0.162	1	2.44	0.014	0.16	0.7	0.03	3.1	0.2	<0.05	8	<0.5	<0.2
1013069	Soil	12	38	0.72	219	0.101	2	2.35	0.011	0.08	0.6	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1013068	Soil	10	34	0.53	233	0.089	2	1.62	0.011	0.10	2.6	0.03	2.1	<0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000236.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1030835	Soil	0.5	95.6	2.1	47	<0.1	36.5	27.7	589	2.55	2.2	0.3	<0.5	1.4	18	<0.1	0.2	<0.1	53	0.37	0.012
REP 1030835	QC	0.5	95.8	2.2	45	<0.1	36.9	27.6	588	2.63	2.2	0.3	0.8	1.4	17	<0.1	0.1	<0.1	51	0.37	0.011
1030840	Soil	0.6	20.6	4.3	126	<0.1	45.6	23.0	733	6.31	5.5	1.0	0.6	5.5	10	<0.1	0.2	<0.1	128	0.09	0.039
REP 1030840	QC	0.4	20.6	5.4	126	<0.1	42.6	22.0	701	6.13	5.4	1.0	<0.5	5.4	10	<0.1	0.2	<0.1	123	0.10	0.037
1030834	Soil	1.0	44.9	9.7	84	<0.1	17.0	11.9	318	4.11	5.7	0.8	22.2	4.5	37	<0.1	0.3	0.3	94	0.23	0.046
REP 1030834	QC	1.1	44.5	10.2	87	<0.1	16.8	11.9	329	4.11	5.9	0.8	2.2	4.6	40	<0.1	0.3	0.2	96	0.24	0.048
1009036	Soil	0.8	30.3	15.4	58	<0.1	25.7	10.4	416	2.73	8.2	1.8	6.1	4.7	22	0.2	0.5	0.4	65	0.28	0.064
REP 1009036	QC	0.8	30.3	14.1	59	<0.1	25.8	10.4	411	2.72	8.1	1.8	1.2	4.7	22	<0.1	0.5	0.4	65	0.27	0.063
1022951	Soil	1.5	28.4	8.7	70	<0.1	22.5	13.0	385	4.58	9.8	0.6	<0.5	3.0	16	0.1	0.5	0.2	105	0.18	0.030
REP 1022951	QC	1.2	28.3	9.0	71	<0.1	21.9	12.6	378	4.47	9.7	0.6	<0.5	3.0	16	<0.1	0.4	0.2	102	0.18	0.029
1026923	Soil	0.7	18.5	9.6	46	<0.1	17.8	7.4	286	2.22	6.1	5.4	8.6	8.8	25	<0.1	0.4	0.2	54	0.35	0.049
REP 1026923	QC	0.7	18.8	10.0	46	<0.1	18.8	7.7	295	2.27	6.2	5.6	0.8	8.9	26	<0.1	0.4	0.2	55	0.36	0.052
1021826	Soil	0.7	16.6	13.0	44	<0.1	17.9	6.8	227	2.57	7.5	2.5	2.0	5.0	22	0.1	0.3	0.3	62	0.25	0.042
REP 1021826	QC	0.7	16.8	13.1	46	<0.1	18.2	7.4	230	2.68	7.6	2.7	9.2	5.0	22	0.2	0.3	0.3	63	0.26	0.041
1009040	Soil	0.8	17.6	11.3	51	<0.1	19.5	8.3	344	2.56	7.3	3.4	3.2	8.0	22	0.1	0.3	0.3	58	0.30	0.064
REP 1009040	QC	0.8	17.6	10.9	52	<0.1	20.0	8.2	350	2.49	7.2	3.5	3.2	7.9	21	0.1	0.4	0.2	57	0.27	0.062
1029714	Soil	0.9	80.1	5.8	78	<0.1	12.6	15.2	548	4.65	3.9	1.2	3.6	6.1	19	<0.1	0.5	0.1	73	0.21	0.026
REP 1029714	QC	1.0	82.3	6.4	78	<0.1	12.2	15.1	549	4.59	3.9	1.3	4.5	6.2	19	<0.1	0.4	0.1	73	0.21	0.026
1023903	Soil	0.6	36.5	6.6	121	<0.1	16.7	13.5	733	3.30	6.8	0.3	<0.5	1.5	15	0.1	0.4	0.1	94	0.34	0.092
REP 1023903	QC	0.7	36.6	6.2	120	<0.1	16.5	13.7	710	3.25	6.5	0.3	<0.5	1.3	14	0.1	0.4	<0.1	91	0.30	0.095
1023913	Soil	0.7	88.5	5.5	56	<0.1	20.6	17.3	323	3.03	4.9	0.4	1.1	2.2	19	<0.1	0.3	<0.1	81	0.40	0.089
REP 1023913	QC	0.8	86.2	5.6	54	<0.1	19.9	17.2	318	2.96	4.6	0.4	1.0	2.2	20	<0.1	0.2	<0.1	83	0.42	0.090
1022785	Soil	0.9	35.1	13.4	64	<0.1	26.9	10.6	376	2.89	9.0	4.0	1.6	7.1	21	0.1	0.5	0.4	70	0.28	0.040
REP 1022785	QC	0.9	36.7	13.7	65	<0.1	29.9	11.4	393	3.01	9.6	4.1	2.6	7.5	22	0.1	0.6	0.3	71	0.27	0.042
1027558	Soil	1.3	18.0	13.3	69	<0.1	20.6	13.7	655	3.11	10.2	1.3	1.7	5.6	17	0.2	0.4	0.2	68	0.21	0.073
REP 1027558	QC	1.3	17.6	13.8	70	<0.1	20.7	13.5	659	3.13	10.2	1.2	3.2	6.0	17	0.2	0.5	0.2	67	0.22	0.076
1031965	Soil	1.0	14.4	9.6	60	<0.1	23.0	9.1	319	2.54	9.0	0.5	3.4	4.7	19	<0.1	0.6	0.2	57	0.19	0.026
REP 1031965	QC	0.9	14.4	9.1	59	<0.1	22.0	9.0	315	2.47	8.6	0.5	2.5	4.5	18	<0.1	0.6	0.2	54	0.19	0.026

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000236.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1030835	Soil	7	56	2.22	136	0.026	<1	2.35	0.012	0.10	<0.1	<0.01	8.5	<0.1	<0.05	3	<0.5	<0.2
REP 1030835	QC	7	54	2.29	134	0.027	<1	2.41	0.011	0.10	<0.1	<0.01	8.4	<0.1	<0.05	3	<0.5	<0.2
1030840	Soil	21	60	1.32	362	0.157	3	2.28	0.012	0.69	<0.1	0.02	14.4	0.2	<0.05	9	<0.5	<0.2
REP 1030840	QC	20	57	1.30	358	0.155	3	2.25	0.012	0.66	<0.1	0.02	14.1	0.2	<0.05	9	<0.5	<0.2
1030834	Soil	12	27	1.06	434	0.158	1	2.42	0.021	0.64	<0.1	0.01	4.6	0.3	0.22	7	0.7	<0.2
REP 1030834	QC	12	28	1.12	447	0.166	1	2.55	0.022	0.71	<0.1	0.01	4.8	0.3	0.25	7	0.7	<0.2
1009036	Soil	15	37	0.54	194	0.087	1	1.85	0.011	0.06	0.2	0.03	4.9	0.1	<0.05	6	<0.5	<0.2
REP 1009036	QC	15	37	0.54	193	0.084	1	1.77	0.010	0.06	0.2	0.03	4.8	0.1	<0.05	6	<0.5	<0.2
1022951	Soil	11	44	1.06	236	0.189	2	3.01	0.011	0.15	0.5	0.02	7.0	0.2	<0.05	9	<0.5	<0.2
REP 1022951	QC	11	43	1.04	241	0.183	2	2.97	0.011	0.15	0.4	0.02	6.9	0.2	<0.05	9	<0.5	<0.2
1026923	Soil	14	32	0.52	181	0.078	2	1.45	0.016	0.05	0.1	0.02	3.8	0.2	<0.05	4	<0.5	<0.2
REP 1026923	QC	14	32	0.54	184	0.078	2	1.50	0.013	0.05	0.1	0.02	3.9	0.2	<0.05	4	<0.5	<0.2
1021826	Soil	13	30	0.45	173	0.078	1	1.97	0.010	0.05	0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
REP 1021826	QC	13	31	0.45	174	0.082	2	1.98	0.010	0.05	0.1	0.02	3.4	0.3	<0.05	7	<0.5	<0.2
1009040	Soil	13	30	0.51	164	0.083	2	1.81	0.009	0.06	0.1	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
REP 1009040	QC	12	32	0.50	160	0.077	1	1.76	0.010	0.05	0.1	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1029714	Soil	22	19	0.78	252	0.046	<1	1.76	0.012	0.09	<0.1	0.04	8.0	<0.1	<0.05	6	0.6	<0.2
REP 1029714	QC	23	19	0.78	258	0.051	<1	1.75	0.016	0.09	<0.1	0.03	8.1	<0.1	<0.05	6	0.7	<0.2
1023903	Soil	5	22	0.72	344	0.134	<1	2.09	0.022	0.14	<0.1	<0.01	3.2	0.1	<0.05	7	0.5	<0.2
REP 1023903	QC	5	21	0.69	331	0.122	<1	2.01	0.021	0.14	0.1	<0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1023913	Soil	6	29	1.01	191	0.152	<1	2.18	0.025	0.11	0.2	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
REP 1023913	QC	6	28	1.04	189	0.160	1	2.20	0.030	0.12	0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1022785	Soil	19	46	0.61	196	0.101	2	2.38	0.015	0.08	0.2	0.03	7.0	0.1	<0.05	6	<0.5	<0.2
REP 1022785	QC	19	46	0.61	200	0.103	2	2.30	0.016	0.07	0.2	0.05	7.3	0.1	<0.05	6	<0.5	<0.2
1027558	Soil	11	33	0.53	133	0.083	<1	2.02	0.011	0.07	0.4	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
REP 1027558	QC	11	33	0.55	139	0.084	2	2.09	0.011	0.07	0.5	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1031965	Soil	12	34	0.49	260	0.077	1	1.56	0.011	0.08	0.2	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
REP 1031965	QC	11	35	0.48	244	0.076	<1	1.50	0.010	0.07	0.2	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2

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Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000236.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1031970	Soil	1.0	13.0	8.7	56	<0.1	21.2	10.5	594	2.99	7.2	0.7	4.8	6.4	23	<0.1	0.6	0.2	60	0.31	0.052
REP 1031970	QC	1.2	13.1	8.5	55	<0.1	20.9	10.1	565	2.91	7.0	0.7	1.7	6.1	22	<0.1	0.6	0.1	57	0.30	0.050
1013097	Soil	0.9	18.0	17.9	53	<0.1	22.1	8.6	383	2.57	8.4	6.0	2.5	13.9	22	<0.1	0.5	0.5	59	0.29	0.038
REP 1013097	QC	1.1	17.8	17.5	51	<0.1	21.3	8.6	372	2.54	8.0	5.6	5.3	13.6	22	<0.1	0.5	0.4	58	0.28	0.036
1013081	Soil	1.3	14.2	12.8	47	<0.1	17.2	8.6	324	2.59	9.9	1.6	4.8	7.0	16	0.1	0.5	0.5	63	0.14	0.036
REP 1013081	QC	1.3	13.7	12.4	48	<0.1	16.8	8.2	326	2.55	9.4	1.6	1.3	7.4	17	0.1	0.5	0.5	65	0.14	0.036
1013075	Soil	1.1	19.4	7.5	49	<0.1	19.0	8.7	242	2.53	6.3	0.6	2.3	2.1	24	0.1	0.3	0.4	57	0.28	0.062
REP 1013075	QC	1.1	20.0	7.2	49	<0.1	20.0	9.3	251	2.53	6.9	0.6	4.0	2.1	24	<0.1	0.4	0.3	61	0.29	0.064
Reference Materials																					
STD DS8	Standard	13.4	112.1	127.9	324	1.8	40.1	7.9	628	2.53	27.1	2.8	113.4	6.9	65	2.5	5.8	7.1	44	0.71	0.084
STD DS8	Standard	13.7	111.5	128.0	323	1.8	40.7	7.6	616	2.54	27.2	2.8	113.6	7.3	67	2.3	5.8	7.1	44	0.72	0.083
STD DS8	Standard	13.3	119.0	133.1	337	2.0	39.6	8.0	648	2.63	28.2	3.1	124.0	7.4	71	2.5	6.6	7.4	43	0.71	0.085
STD DS8	Standard	13.3	115.6	126.7	336	1.8	39.0	7.6	631	2.56	28.5	2.8	124.0	7.0	69	2.4	6.3	7.2	41	0.70	0.082
STD DS8	Standard	14.5	122.0	139.0	332	2.0	42.2	8.2	641	2.59	26.2	3.1	113.4	7.3	61	2.3	5.3	6.2	45	0.71	0.083
STD DS8	Standard	14.1	122.7	137.2	329	1.9	41.4	8.5	634	2.52	27.0	2.9	106.3	7.3	61	2.3	5.4	6.0	44	0.72	0.084
STD DS8	Standard	12.6	109.1	125.3	321	1.9	37.1	7.4	607	2.39	25.9	2.8	107.5	6.6	65	2.2	5.8	6.8	41	0.67	0.077
STD DS8	Standard	13.1	107.9	125.3	314	1.9	37.0	7.3	603	2.36	25.5	2.7	100.2	6.8	66	2.3	5.8	6.8	41	0.68	0.080
STD DS8	Standard	13.0	102.9	121.5	319	1.8	35.6	7.1	577	2.38	25.9	2.9	121.0	6.9	73	2.1	6.1	6.4	37	0.64	0.072
STD DS8	Standard	13.0	103.4	120.1	325	1.8	35.3	6.9	560	2.34	26.7	2.8	117.9	7.0	74	2.2	6.1	6.7	37	0.62	0.077
STD DS8	Standard	13.1	112.5	124.3	315	1.8	38.3	7.6	600	2.40	27.3	2.8	110.4	6.8	66	2.3	5.9	6.7	41	0.65	0.077
STD DS8	Standard	14.0	117.2	126.3	329	1.8	40.6	8.1	647	2.54	27.8	3.0	119.6	7.2	67	2.5	6.2	6.9	46	0.71	0.080
STD DS8	Standard	13.5	119.2	125.1	329	1.8	42.5	8.3	651	2.59	27.9	2.9	124.8	7.1	68	2.4	5.9	6.9	45	0.72	0.082
STD DS8	Standard	14.6	119.3	130.4	327	1.9	39.6	8.2	633	2.53	27.2	3.0	109.6	7.5	67	2.5	5.5	6.7	47	0.69	0.076
STD DS8	Standard	12.6	108.6	127.1	308	1.8	39.2	7.4	578	2.36	24.6	2.8	113.9	6.8	62	2.1	5.9	6.8	40	0.65	0.074
STD DS8	Standard	13.3	110.5	129.5	317	1.8	40.3	7.5	593	2.40	25.2	2.8	128.3	7.0	64	2.3	5.9	6.8	40	0.67	0.076
STD DS8	Standard	12.8	108.0	124.9	310	1.7	36.7	7.4	608	2.46	26.2	2.7	110.3	6.5	68	2.2	5.4	6.6	41	0.70	0.077
STD DS8	Standard	13.2	114.0	124.1	327	1.7	37.5	7.3	628	2.55	27.2	2.8	119.1	6.8	69	2.4	5.9	6.6	42	0.72	0.079
STD DS8	Standard	15.2	125.3	135.3	352	2.2	42.1	8.6	679	2.72	29.2	3.1	119.3	7.5	74	2.5	6.1	7.0	46	0.79	0.086
STD DS8	Standard	13.8	112.2	128.2	325	1.9	39.0	7.7	621	2.53	27.9	2.9	112.8	6.9	67	2.3	5.9	7.2	44	0.70	0.085

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000236.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1031970	Soil	14	30	0.70	274	0.119	3	1.70	0.009	0.38	0.2	0.02	3.7	0.2	<0.05	5	<0.5	<0.2
REP 1031970	QC	14	30	0.68	266	0.114	3	1.65	0.015	0.36	0.2	<0.01	3.5	0.1	<0.05	5	<0.5	<0.2
1013097	Soil	16	35	0.55	204	0.068	1	1.84	0.011	0.04	0.2	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
REP 1013097	QC	16	34	0.53	198	0.066	2	1.82	0.011	0.04	0.2	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1013081	Soil	12	31	0.47	136	0.070	<1	1.76	0.007	0.04	0.2	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
REP 1013081	QC	12	32	0.49	134	0.072	2	1.78	0.007	0.05	0.2	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1013075	Soil	10	30	0.65	162	0.091	1	1.80	0.013	0.08	0.3	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
REP 1013075	QC	11	31	0.65	160	0.092	1	1.74	0.013	0.08	0.3	0.02	2.6	0.1	<0.05	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	120	0.65	279	0.113	3	0.96	0.096	0.45	2.9	0.20	2.2	5.6	0.14	5	5.2	5.3
STD DS8	Standard	15	118	0.63	291	0.116	3	0.93	0.094	0.43	3.1	0.22	2.4	5.7	0.12	5	4.8	5.2
STD DS8	Standard	14	123	0.65	293	0.118	2	0.94	0.091	0.44	3.4	0.22	2.1	5.9	0.18	5	6.3	5.1
STD DS8	Standard	14	120	0.62	283	0.117	3	0.92	0.087	0.43	3.3	0.21	2.1	5.7	0.16	5	5.6	5.0
STD DS8	Standard	14	134	0.66	274	0.115	2	0.98	0.111	0.46	3.2	0.21	2.2	5.8	0.18	5	4.7	5.2
STD DS8	Standard	15	125	0.65	285	0.120	3	0.99	0.107	0.45	3.1	0.22	2.4	5.5	0.15	5	5.2	5.1
STD DS8	Standard	14	118	0.61	280	0.115	4	0.87	0.082	0.42	2.8	0.20	2.0	5.4	0.14	5	4.9	4.9
STD DS8	Standard	14	117	0.60	279	0.110	2	0.85	0.084	0.43	2.8	0.20	2.0	5.3	0.16	4	5.2	4.5
STD DS8	Standard	14	110	0.57	280	0.111	2	0.82	0.084	0.41	2.8	0.21	1.6	5.7	0.16	5	4.8	5.0
STD DS8	Standard	14	108	0.57	288	0.106	1	0.82	0.088	0.38	3.0	0.19	1.6	5.5	0.12	5	5.4	4.4
STD DS8	Standard	15	114	0.58	278	0.121	2	0.86	0.077	0.41	3.0	0.19	1.9	5.4	0.24	5	5.4	5.2
STD DS8	Standard	15	126	0.61	289	0.130	2	0.91	0.084	0.42	2.9	0.21	2.1	5.6	0.23	5	5.1	5.2
STD DS8	Standard	15	122	0.63	299	0.129	3	0.93	0.089	0.44	3.2	0.20	2.1	5.8	0.16	5	6.1	5.4
STD DS8	Standard	16	126	0.63	281	0.132	1	0.93	0.088	0.42	3.0	0.19	2.3	5.6	0.15	5	5.2	5.0
STD DS8	Standard	14	111	0.62	263	0.105	3	0.84	0.071	0.40	2.9	0.21	1.8	5.2	0.13	4	4.7	4.9
STD DS8	Standard	14	115	0.63	270	0.110	4	0.87	0.078	0.40	3.0	0.21	2.0	5.5	0.15	4	4.9	4.9
STD DS8	Standard	14	115	0.59	283	0.118	3	0.93	0.097	0.41	3.0	0.21	2.5	5.5	0.15	5	5.3	4.8
STD DS8	Standard	15	117	0.63	293	0.123	3	0.95	0.101	0.43	3.2	0.20	2.2	5.6	0.16	5	4.8	4.8
STD DS8	Standard	17	129	0.66	300	0.130	2	1.00	0.096	0.46	3.2	0.21	2.3	5.9	0.13	5	5.7	5.7
STD DS8	Standard	15	117	0.63	282	0.117	3	0.94	0.088	0.42	3.1	0.20	2.1	5.7	0.15	5	5.3	5.6

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000236.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.5	112.6	126.3	323	1.8	38.6	7.8	628	2.54	26.9	2.7	111.8	6.8	68	2.2	5.7	6.8	44	0.72	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000236.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	117	0.63	288	0.121	2	0.95	0.095	0.41	3.1	0.20	2.4	5.6	0.16	5	5.2	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 06, 2011
Report Date: July 19, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000237.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-03
P.O. Number
Number of Samples: 19

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	19	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	19	Dry at 60C			WHI
1DX2	19	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000237.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022787	Soil	2.5	38.3	10.4	100	<0.1	20.8	16.4	817	4.34	9.6	1.2	3.2	5.9	24	0.2	0.5	0.3	71	0.37	0.092
1022789	Soil	1.3	40.4	12.9	71	<0.1	25.3	12.2	552	3.43	10.4	3.3	2.9	8.0	33	<0.1	0.7	0.2	73	0.40	0.063
1026809	Soil	1.5	22.7	11.3	65	0.2	15.9	8.2	339	2.98	8.2	1.2	3.5	0.9	29	0.2	0.4	0.2	65	0.30	0.063
1022773	Soil	1.3	17.7	21.8	64	0.1	19.4	10.7	540	3.22	10.4	4.4	1.8	17.7	21	0.1	0.5	0.3	72	0.27	0.066
1022793	Soil	0.9	44.2	9.6	75	0.2	23.3	13.2	494	3.43	7.1	1.2	2.4	4.8	27	0.1	0.4	0.2	81	0.35	0.067
1022791	Soil	1.0	24.2	9.3	65	<0.1	17.0	9.0	341	3.06	7.9	0.8	1.4	2.7	22	0.1	0.4	0.2	71	0.31	0.058
1026808	Soil	1.1	25.3	8.3	69	<0.1	19.9	10.2	406	3.31	7.4	0.8	1.7	3.8	28	0.1	0.4	0.2	72	0.35	0.067
1022775	Soil	1.2	19.3	20.8	57	0.2	14.7	6.3	456	2.32	6.4	6.0	1.1	12.8	24	0.2	0.3	0.4	56	0.27	0.062
1022792	Soil	1.8	25.8	11.5	69	0.1	18.6	10.7	474	3.42	8.6	1.0	2.8	4.0	21	<0.1	0.4	0.2	74	0.26	0.069
1022790	Soil	1.4	30.9	10.5	94	<0.1	29.0	15.9	645	3.97	9.6	0.9	2.7	5.5	21	0.2	0.5	0.3	80	0.31	0.076
1022774	Soil	1.4	17.8	31.1	57	0.3	16.9	6.8	296	3.20	8.7	4.2	1.6	11.4	34	0.2	0.5	0.4	67	0.34	0.055
1022772	Soil	1.4	15.6	19.0	60	0.1	19.0	8.1	377	3.32	10.8	2.7	1.9	13.6	20	0.1	0.5	0.2	81	0.24	0.041
1027677	Soil	1.2	23.6	17.2	59	0.1	20.9	10.0	420	2.90	9.5	2.5	3.5	8.3	21	0.1	0.5	0.2	63	0.27	0.061
1026810	Soil	1.2	27.6	9.3	63	<0.1	20.1	9.5	357	2.80	8.6	1.1	4.1	4.7	17	<0.1	0.4	0.2	62	0.20	0.060
1026805	Soil	0.7	23.3	7.2	52	<0.1	18.8	10.0	266	2.68	7.4	0.7	21.4	3.6	21	0.1	0.4	0.3	63	0.31	0.071
1022771	Soil	1.3	16.2	15.5	52	0.1	15.4	7.0	299	2.51	9.3	2.2	2.3	5.0	21	0.2	0.5	0.2	63	0.22	0.056
1013077	Soil	1.0	28.1	6.0	55	<0.1	23.0	10.5	311	2.64	7.5	0.6	3.5	3.5	22	<0.1	0.4	0.7	63	0.31	0.074
1013071	Soil	10.0	27.5	14.7	56	0.2	19.4	9.1	385	2.90	8.7	1.1	3.3	3.7	17	0.1	0.4	0.4	73	0.22	0.038
1013076	Soil	1.7	16.4	8.7	43	<0.1	15.3	6.7	195	2.38	7.4	0.5	5.3	1.4	19	<0.1	0.5	0.4	63	0.22	0.053

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000237.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022787	Soil	14	32	0.77	170	0.122	<1	2.74	0.013	0.23	0.6	0.01	6.2	0.3	<0.05	8	<0.5	<0.2
1022789	Soil	25	41	0.66	326	0.099	<1	2.16	0.015	0.09	0.4	0.07	7.0	0.2	<0.05	7	<0.5	<0.2
1026809	Soil	16	31	0.51	195	0.066	2	1.82	0.013	0.13	0.3	0.04	2.6	0.1	<0.05	7	<0.5	<0.2
1022773	Soil	19	34	0.49	177	0.081	1	2.21	0.011	0.07	0.2	0.04	3.7	0.3	<0.05	8	<0.5	<0.2
1022793	Soil	16	37	0.80	250	0.143	<1	2.60	0.017	0.18	0.4	0.04	5.6	0.2	<0.05	7	<0.5	<0.2
1022791	Soil	12	32	0.58	128	0.098	1	1.97	0.014	0.11	0.3	0.03	3.0	0.2	<0.05	7	<0.5	<0.2
1026808	Soil	13	34	0.72	186	0.117	1	2.21	0.014	0.16	0.6	0.05	4.0	0.2	<0.05	8	<0.5	<0.2
1022775	Soil	33	26	0.39	195	0.076	<1	1.49	0.012	0.08	0.2	0.04	3.0	0.2	<0.05	7	<0.5	<0.2
1022792	Soil	12	33	0.58	154	0.097	1	2.21	0.012	0.09	0.3	0.05	4.3	0.2	<0.05	7	0.6	<0.2
1022790	Soil	13	53	0.83	172	0.146	2	2.48	0.014	0.21	0.6	0.04	3.7	0.2	<0.05	8	<0.5	<0.2
1022774	Soil	37	29	0.41	281	0.075	1	2.17	0.014	0.06	0.2	0.06	3.2	0.2	<0.05	8	<0.5	<0.2
1022772	Soil	15	33	0.50	169	0.102	2	2.03	0.011	0.07	0.3	0.04	3.1	0.2	<0.05	8	<0.5	<0.2
1027677	Soil	17	34	0.52	186	0.078	1	2.11	0.013	0.06	0.3	0.04	3.8	0.2	<0.05	6	<0.5	<0.2
1026810	Soil	15	35	0.60	170	0.088	1	2.01	0.011	0.10	0.3	0.03	3.7	0.1	<0.05	6	0.5	<0.2
1026805	Soil	12	32	0.70	213	0.107	1	1.74	0.017	0.12	0.8	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
1022771	Soil	15	27	0.39	182	0.067	2	1.63	0.011	0.06	0.3	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
1013077	Soil	13	31	0.67	201	0.095	1	1.72	0.011	0.08	0.4	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1013071	Soil	14	34	0.55	275	0.065	2	2.01	0.009	0.06	0.3	0.03	3.2	0.1	<0.05	7	0.5	<0.2
1013076	Soil	9	29	0.50	128	0.073	<1	1.61	0.009	0.06	0.2	0.04	2.3	0.1	<0.05	6	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000237.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1022775	Soil	1.2	19.3	20.8	57	0.2	14.7	6.3	456	2.32	6.4	6.0	1.1	12.8	24	0.2	0.3	0.4	56	0.27	0.062
REP 1022775	QC	1.0	19.1	20.7	55	0.2	14.6	6.1	449	2.30	6.5	6.2	3.5	12.9	24	0.2	0.3	0.3	56	0.27	0.065
Reference Materials																					
STD DS8	Standard	15.2	125.3	135.3	352	2.2	42.1	8.6	679	2.72	29.2	3.1	119.3	7.5	74	2.5	6.1	7.0	46	0.79	0.086
STD DS8	Standard	13.5	115.4	120.0	331	1.9	40.1	7.8	624	2.48	27.9	2.8	137.3	6.8	68	2.3	5.7	6.6	45	0.68	0.086
STD DS8	Standard	13.6	115.6	126.9	327	2.0	39.3	7.9	624	2.52	28.4	2.8	119.4	6.9	66	2.4	5.9	6.8	46	0.68	0.084
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000237.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1022775	Soil	33	26	0.39	195	0.076	<1	1.49	0.012	0.08	0.2	0.04	3.0	0.2	<0.05	7	<0.5	<0.2
REP 1022775	QC	32	25	0.38	192	0.076	2	1.49	0.011	0.08	0.2	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	17	129	0.66	300	0.130	2	1.00	0.096	0.46	3.2	0.21	2.3	5.9	0.13	5	5.7	5.7
STD DS8	Standard	15	122	0.64	284	0.122	3	0.94	0.089	0.45	3.2	0.21	2.2	5.4	0.15	5	5.6	5.2
STD DS8	Standard	15	121	0.63	279	0.124	3	0.93	0.089	0.43	3.2	0.21	2.2	5.6	0.14	5	5.2	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 20, 2011
Report Date: July 19, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11000266.2

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 228

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	228	Dry at 60C			VAN
SS80	228	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	228	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Version 2 : 1DX-U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000266.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028522	Soil		0.2	18.5	6.1	65	<0.1	4.7	5.8	411	2.35	1.7	0.6	0.6	1.8	184	<0.1	0.1	<0.1	26	2.03	0.058
1028510	Soil		0.6	41.2	8.5	74	<0.1	22.6	13.1	377	3.13	6.0	0.6	3.4	3.0	26	<0.1	0.5	0.2	72	0.31	0.047
1028534	Soil		0.4	11.2	6.1	89	<0.1	19.3	13.6	786	3.64	2.5	0.7	1.5	2.5	605	<0.1	0.1	<0.1	55	1.38	0.088
1028536	Soil		0.4	30.7	2.7	66	<0.1	27.1	17.9	663	4.10	2.8	0.4	0.7	1.6	119	0.1	0.2	<0.1	98	0.97	0.116
1028524	Soil		0.2	19.7	5.1	107	<0.1	13.4	17.1	892	4.51	1.1	0.3	0.5	2.4	81	<0.1	0.1	0.1	45	0.90	0.144
1028526	Soil		0.2	14.6	4.6	71	<0.1	8.2	8.7	605	2.80	1.1	0.5	1.0	2.8	123	<0.1	0.2	0.1	37	1.09	0.085
1028539	Soil		0.1	43.7	2.0	36	<0.1	53.9	17.6	433	2.25	1.4	0.6	<0.5	0.8	102	<0.1	<0.1	<0.1	54	0.86	0.074
1028537	Soil		0.7	81.0	3.8	124	<0.1	24.0	22.5	1220	5.00	5.8	0.7	1.0	3.5	44	<0.1	0.3	0.1	77	0.53	0.096
1028521	Soil		0.5	22.8	4.4	83	<0.1	15.9	13.6	699	4.13	2.3	0.4	0.9	2.2	186	<0.1	0.2	0.3	61	0.92	0.103
1028541	Soil		0.4	47.4	4.6	67	<0.1	23.0	16.1	523	3.42	3.5	1.1	2.2	2.6	74	<0.1	0.3	0.1	80	1.13	0.081
1028540	Soil		0.2	55.9	3.6	61	<0.1	21.3	14.9	458	3.18	2.7	0.6	1.4	1.8	111	<0.1	0.1	0.2	77	1.16	0.109
1028528	Soil		<0.1	14.2	2.0	35	<0.1	7.2	6.7	288	2.26	1.0	0.4	<0.5	1.7	107	<0.1	0.1	<0.1	38	1.38	0.073
1028530	Soil		0.1	12.8	2.8	31	<0.1	3.7	3.5	330	1.23	1.5	0.7	<0.5	12.0	90	<0.1	0.3	0.1	22	1.23	0.039
1028527	Soil		0.5	9.2	2.9	85	<0.1	17.3	14.8	849	4.06	3.0	0.3	<0.5	2.0	55	<0.1	0.1	<0.1	67	0.53	0.094
1028517	Soil		0.4	38.1	3.2	90	<0.1	24.5	22.6	607	4.83	3.6	0.6	1.1	3.4	95	0.1	0.2	<0.1	121	1.32	0.282
1028525	Soil		0.2	15.7	4.9	73	<0.1	8.0	9.3	611	2.97	1.2	0.5	<0.5	3.0	114	<0.1	0.2	0.1	37	1.11	0.089
1028515	Soil		0.4	32.3	6.6	109	<0.1	17.8	15.0	808	4.74	3.7	0.8	1.8	4.6	56	0.1	0.4	<0.1	73	0.61	0.097
1028520	Soil		0.4	36.9	5.0	80	<0.1	15.4	13.4	572	3.85	2.9	0.4	<0.5	2.0	229	0.1	0.2	1.9	70	0.92	0.065
1028538	Soil		0.5	19.6	4.7	86	<0.1	21.0	17.1	795	4.39	3.3	0.5	0.6	2.3	89	<0.1	0.2	<0.1	79	1.20	0.084
1028516	Soil		1.9	91.1	4.1	239	<0.1	72.8	12.0	358	2.88	30.7	1.6	1.7	3.9	78	1.0	1.0	0.2	314	1.17	0.428
1028533	Soil		0.4	13.0	5.4	76	<0.1	7.7	10.5	645	3.55	1.6	0.7	1.9	3.9	48	<0.1	0.1	<0.1	42	0.44	0.049
1028511	Soil		5.0	44.7	11.8	116	<0.1	34.9	18.0	816	3.88	0.6	1.7	0.9	15.8	23	0.2	0.1	0.1	26	0.36	0.073
1028506	Soil		0.4	69.5	4.5	65	<0.1	20.1	17.4	540	3.41	3.4	0.4	<0.5	1.9	77	0.1	0.3	<0.1	81	0.95	0.209
1028513	Soil		2.0	29.9	10.8	99	<0.1	18.0	14.1	647	3.94	3.8	1.1	1.3	5.7	71	<0.1	0.4	2.3	71	0.44	0.062
1028512	Soil		5.0	43.3	11.7	115	<0.1	34.1	17.7	770	3.68	<0.5	1.7	0.9	15.4	23	0.2	0.1	0.1	25	0.36	0.072
1028535	Soil		0.6	32.4	10.0	80	<0.1	12.8	14.7	647	4.20	4.1	0.7	1.7	4.4	117	<0.1	0.3	0.1	63	0.83	0.070
1028514	Soil		1.6	20.7	29.3	60	<0.1	18.1	9.5	439	2.68	5.9	1.2	2.1	6.5	41	0.2	0.5	2.6	62	0.28	0.055
1028508	Soil		0.5	54.6	10.1	174	0.1	15.1	14.2	1033	5.60	3.5	1.0	2.6	3.8	36	0.1	0.6	0.3	76	0.70	0.110
1028507	Soil		0.7	42.3	8.2	124	0.1	9.5	10.5	904	4.82	4.2	1.1	1.7	4.2	40	0.3	0.6	0.4	59	0.47	0.096
1028509	Soil		0.5	42.1	7.0	144	<0.1	29.3	16.9	1379	5.25	1.9	0.5	1.1	3.1	15	0.1	0.2	0.1	79	0.26	0.069

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000266.2

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028522	Soil		5	9	0.55	212	0.054	<1	3.98	0.013	0.33	<0.1	<0.01	2.2	<0.1	<0.05	10	<0.5	<0.2
1028510	Soil		11	43	0.88	206	0.080	<1	1.95	0.013	0.08	0.2	0.01	4.9	0.1	<0.05	7	<0.5	<0.2
1028534	Soil		9	24	1.23	795	0.125	<1	3.49	0.067	0.47	<0.1	<0.01	3.6	0.1	<0.05	10	<0.5	<0.2
1028536	Soil		3	23	1.64	324	0.149	<1	3.36	0.022	0.25	0.4	<0.01	6.0	<0.1	<0.05	11	<0.5	<0.2
1028524	Soil		8	11	1.52	169	0.090	<1	2.75	0.018	0.05	0.1	<0.01	2.6	<0.1	<0.05	10	<0.5	<0.2
1028526	Soil		9	7	0.92	280	0.037	<1	2.48	0.024	0.16	0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1028539	Soil		3	66	1.69	329	0.072	<1	2.28	0.050	0.11	0.1	<0.01	5.1	<0.1	<0.05	6	<0.5	<0.2
1028537	Soil		11	28	1.83	116	0.136	<1	2.72	0.010	0.04	0.1	<0.01	3.7	<0.1	<0.05	12	<0.5	<0.2
1028521	Soil		8	19	1.17	419	0.084	<1	3.62	0.022	0.28	<0.1	<0.01	3.8	0.1	<0.05	11	<0.5	<0.2
1028541	Soil		8	31	1.25	315	0.178	<1	2.86	0.039	0.27	0.3	0.01	5.6	0.1	<0.05	9	<0.5	<0.2
1028540	Soil		6	23	1.25	423	0.184	<1	2.92	0.034	0.45	0.2	<0.01	4.3	0.1	<0.05	10	<0.5	<0.2
1028528	Soil		5	6	0.67	294	0.080	<1	2.69	0.020	0.37	<0.1	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1028530	Soil		13	2	0.19	90	0.003	<1	1.94	0.019	0.10	0.2	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
1028527	Soil		7	17	1.20	440	0.236	<1	2.60	0.015	0.81	<0.1	<0.01	3.3	0.2	<0.05	10	<0.5	<0.2
1028517	Soil		12	65	1.62	388	0.147	<1	2.87	0.049	0.20	<0.1	<0.01	9.4	<0.1	<0.05	10	<0.5	<0.2
1028525	Soil		10	6	0.89	287	0.025	<1	2.45	0.023	0.17	0.1	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1028515	Soil		15	29	1.21	384	0.177	<1	2.44	0.014	0.50	<0.1	<0.01	5.1	0.2	<0.05	10	<0.5	<0.2
1028520	Soil		7	19	1.19	441	0.142	<1	3.19	0.029	0.18	<0.1	<0.01	3.6	<0.1	<0.05	10	<0.5	<0.2
1028538	Soil		7	22	1.51	344	0.262	<1	4.02	0.023	0.47	0.1	<0.01	4.1	0.1	<0.05	13	<0.5	<0.2
1028516	Soil		14	120	1.03	638	0.081	<1	2.11	0.014	0.18	<0.1	<0.01	7.4	0.3	<0.05	9	1.1	<0.2
1028533	Soil		10	12	0.92	306	0.160	<1	2.46	0.013	0.40	<0.1	<0.01	4.1	0.2	<0.05	10	<0.5	<0.2
1028511	Soil		46	21	0.59	427	0.032	<1	1.88	0.010	0.40	<0.1	<0.01	2.9	0.2	<0.05	8	<0.5	<0.2
1028506	Soil		6	32	0.88	246	0.100	<1	1.92	0.047	0.14	0.2	<0.01	6.0	<0.1	<0.05	6	<0.5	<0.2
1028513	Soil		20	33	1.02	323	0.181	<1	2.14	0.014	0.39	0.4	0.01	5.2	0.2	<0.05	9	<0.5	<0.2
1028512	Soil		42	20	0.59	414	0.032	<1	1.82	0.010	0.42	<0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1028535	Soil		12	15	1.21	240	0.079	<1	3.29	0.014	0.05	0.4	<0.01	4.2	<0.1	<0.05	10	<0.5	<0.2
1028514	Soil		14	31	0.55	185	0.102	<1	1.89	0.014	0.08	0.4	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1028508	Soil		18	25	1.13	290	0.040	<1	3.11	0.013	0.25	<0.1	0.03	13.8	0.2	<0.05	13	<0.5	<0.2
1028507	Soil		22	14	0.85	368	0.058	<1	2.61	0.013	0.26	0.1	0.02	9.6	0.2	<0.05	11	<0.5	<0.2
1028509	Soil		5	43	1.34	295	0.222	<1	2.91	0.009	1.11	<0.1	<0.01	11.3	0.4	<0.05	12	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028518	Soil	0.4	47.9	3.0	71	<0.1	35.5	19.2	481	3.52	2.8	0.4	0.9	2.2	144	0.1	0.2	0.5	97	0.82	0.087
1028529	Soil	0.2	13.1	2.9	77	<0.1	28.1	14.1	534	3.57	1.8	0.5	<0.5	2.2	98	<0.1	0.1	<0.1	70	0.87	0.077
1028519	Soil	0.2	58.2	4.7	72	<0.1	20.0	17.4	624	3.75	2.4	0.6	1.9	1.9	198	<0.1	0.3	<0.1	96	1.43	0.075
1028523	Soil	0.3	56.8	3.6	81	<0.1	15.3	14.2	574	3.78	1.3	0.4	<0.5	2.4	170	<0.1	0.2	0.6	71	1.00	0.130
1028531	Soil	<0.1	42.8	4.3	73	<0.1	16.7	20.0	531	3.16	0.5	0.3	<0.5	1.0	148	<0.1	0.1	<0.1	64	1.34	0.061
1011304	Soil	0.7	25.5	19.1	63	0.1	23.1	9.8	448	2.66	15.3	0.6	13.7	4.7	38	0.2	1.1	0.2	57	0.51	0.046
1023862	Soil	0.8	24.6	8.7	53	<0.1	22.4	9.7	303	2.84	11.0	0.6	1.5	4.9	31	<0.1	0.7	0.1	63	0.42	0.048
1011306	Soil	0.6	26.7	9.1	80	0.1	24.9	11.9	559	3.03	13.0	0.5	5.1	3.2	34	0.2	1.0	<0.1	67	0.61	0.097
1011303	Soil	0.9	22.3	17.0	67	<0.1	21.9	9.7	577	2.78	52.1	0.6	4.0	4.7	39	0.1	2.3	0.2	55	0.71	0.043
1023863	Soil	0.8	531.4	6.5	131	0.4	33.2	20.1	823	4.65	6.3	0.7	12.8	2.3	46	0.1	0.4	<0.1	129	0.82	0.187
1023857	Soil	0.7	21.1	7.7	99	<0.1	17.2	12.7	796	3.33	7.2	0.4	4.5	1.9	54	0.2	0.5	<0.1	71	0.96	0.148
1023856	Soil	0.8	26.3	7.9	100	<0.1	23.1	14.0	741	3.73	9.7	0.7	2.9	3.6	49	0.2	0.7	<0.1	79	0.70	0.097
1023854	Soil	0.6	71.5	12.6	92	<0.1	17.3	13.8	640	3.89	8.3	0.4	3.5	3.3	41	<0.1	0.8	<0.1	85	0.62	0.109
1023860	Soil	0.7	29.1	7.5	69	0.1	24.0	10.3	448	2.82	10.9	0.7	4.3	4.1	36	<0.1	0.9	<0.1	66	0.50	0.087
1023855	Soil	0.6	29.4	28.3	65	1.0	20.1	11.7	503	3.07	9.8	0.4	1.9	3.9	42	0.1	0.7	<0.1	68	0.56	0.057
1023852	Soil	0.6	20.7	8.7	55	<0.1	23.4	9.7	344	2.78	12.4	0.6	3.0	4.5	36	<0.1	0.8	0.2	62	0.42	0.070
1023859	Soil	0.7	11.7	7.0	90	<0.1	12.8	12.9	741	3.63	8.9	0.4	1.0	3.8	36	<0.1	0.8	<0.1	78	0.58	0.106
1023874	Soil	0.8	150.0	6.0	66	0.1	16.9	11.8	563	3.28	5.6	0.4	2.1	2.4	55	<0.1	0.3	<0.1	72	0.47	0.096
1023875	Soil	0.4	22.8	5.2	94	<0.1	15.0	14.6	722	4.48	6.9	0.5	1.0	2.7	57	<0.1	0.4	<0.1	94	0.85	0.232
1023870	Soil	0.6	37.7	6.1	54	0.1	24.7	9.9	526	2.55	8.9	0.6	2.9	3.4	66	0.1	0.6	<0.1	56	1.85	0.103
1023872	Soil	0.4	69.8	3.7	75	<0.1	15.2	9.8	600	3.34	5.0	0.5	2.6	2.2	37	<0.1	0.3	<0.1	85	0.51	0.161
1023873	Soil	0.8	61.4	6.6	85	<0.1	17.6	13.1	607	3.92	8.1	0.6	2.7	4.0	39	<0.1	0.4	<0.1	83	0.55	0.145
1023868	Soil	0.6	21.3	5.2	94	<0.1	15.2	12.1	722	3.69	7.1	0.8	3.1	4.9	33	<0.1	0.3	<0.1	78	0.46	0.121
1023861	Soil	0.6	13.3	7.4	80	<0.1	13.2	11.5	557	3.19	6.8	0.4	0.6	4.7	39	<0.1	0.4	<0.1	73	0.73	0.204
1023869	Soil	0.4	15.7	3.3	98	<0.1	14.9	14.9	719	4.12	5.1	0.8	4.8	3.8	33	<0.1	0.3	<0.1	93	0.54	0.147
1023864	Soil	1.0	24.0	4.5	109	<0.1	16.5	14.0	753	4.44	6.7	0.6	1.1	2.5	35	<0.1	0.4	<0.1	107	0.64	0.188
1023865	Soil	2.2	205.1	7.7	69	0.2	24.3	15.5	581	3.40	10.0	0.7	3.3	3.6	41	0.1	0.5	<0.1	73	0.54	0.054
1023871	Soil	0.5	30.7	5.4	86	0.1	16.4	13.2	652	3.92	6.4	0.4	1.7	2.6	37	<0.1	0.4	<0.1	90	0.58	0.134
1023867	Soil	0.4	20.2	4.7	89	<0.1	14.8	12.6	654	4.03	6.1	0.6	1.2	2.2	35	<0.1	0.3	<0.1	84	0.79	0.267
1023853	Soil	0.7	19.1	11.7	60	<0.1	21.0	10.0	420	2.75	10.3	0.5	1.9	4.1	31	0.1	0.6	<0.1	60	0.45	0.051

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028518	Soil	7	40	1.45	367	0.203	<1	2.74	0.025	0.25	0.1	<0.01	5.6	0.1	<0.05	9	<0.5	<0.2
1028529	Soil	5	28	1.50	519	0.229	<1	3.73	0.020	0.79	<0.1	<0.01	5.2	0.2	<0.05	12	<0.5	<0.2
1028519	Soil	7	33	1.34	308	0.096	<1	3.56	0.030	0.10	0.1	<0.01	7.3	<0.1	<0.05	11	<0.5	<0.2
1028523	Soil	9	20	1.34	372	0.180	<1	2.89	0.026	0.30	0.3	<0.01	4.1	<0.1	<0.05	9	0.6	<0.2
1028531	Soil	3	7	1.23	265	0.096	<1	2.85	0.027	0.15	<0.1	<0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
1011304	Soil	15	35	0.53	442	0.063	2	1.50	0.013	0.11	0.2	0.02	5.1	<0.1	<0.05	4	<0.5	<0.2
1023862	Soil	14	33	0.62	200	0.071	1	1.73	0.012	0.12	0.1	0.02	5.7	<0.1	<0.05	5	0.5	<0.2
1011306	Soil	12	26	0.81	408	0.082	2	1.65	0.016	0.28	0.1	0.04	4.4	<0.1	<0.05	5	<0.5	<0.2
1011303	Soil	16	29	0.49	575	0.046	2	1.41	0.012	0.16	0.2	0.06	5.4	0.1	<0.05	4	0.7	<0.2
1023863	Soil	8	31	1.56	421	0.173	2	2.43	0.014	0.44	0.1	0.03	4.2	0.2	<0.05	9	1.0	<0.2
1023857	Soil	9	22	1.04	372	0.087	2	1.91	0.017	0.30	0.1	0.03	4.4	<0.1	<0.05	7	0.8	<0.2
1023856	Soil	14	29	1.12	297	0.105	2	2.16	0.016	0.21	0.1	0.03	5.0	<0.1	<0.05	7	0.7	<0.2
1023854	Soil	11	24	1.15	457	0.123	2	2.25	0.013	0.46	0.1	0.01	5.3	<0.1	<0.05	7	0.7	<0.2
1023860	Soil	14	27	0.79	205	0.082	1	1.51	0.018	0.09	0.2	0.06	4.3	<0.1	<0.05	5	<0.5	<0.2
1023855	Soil	13	31	0.63	424	0.074	2	1.71	0.012	0.22	0.2	0.03	4.9	<0.1	<0.05	6	0.8	<0.2
1023852	Soil	15	29	0.57	380	0.067	2	1.48	0.013	0.09	0.1	0.03	5.2	<0.1	<0.05	5	0.7	<0.2
1023859	Soil	11	23	1.00	251	0.092	1	2.03	0.012	0.40	0.2	0.02	5.6	<0.1	<0.05	7	<0.5	<0.2
1023874	Soil	8	25	0.88	197	0.074	<1	1.85	0.014	0.17	0.2	<0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
1023875	Soil	11	22	1.31	242	0.134	<1	2.43	0.023	0.37	0.2	<0.01	5.7	<0.1	<0.05	10	0.5	<0.2
1023870	Soil	12	23	0.70	257	0.080	2	1.07	0.031	0.14	0.1	0.05	3.4	<0.1	<0.05	4	0.5	<0.2
1023872	Soil	12	23	1.19	215	0.204	<1	1.98	0.010	0.89	0.1	0.01	3.6	0.2	<0.05	9	0.6	<0.2
1023873	Soil	10	27	1.01	303	0.159	2	2.13	0.014	0.51	0.1	0.01	4.5	<0.1	<0.05	8	<0.5	<0.2
1023868	Soil	12	21	1.05	188	0.135	1	1.82	0.012	0.51	0.1	<0.01	4.3	0.1	<0.05	8	<0.5	<0.2
1023861	Soil	14	19	1.01	281	0.136	1	1.81	0.017	0.55	0.1	<0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
1023869	Soil	14	19	1.38	229	0.218	<1	2.15	0.015	0.79	0.1	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1023864	Soil	10	23	1.24	497	0.247	<1	2.26	0.016	0.98	<0.1	<0.01	4.2	0.2	<0.05	9	<0.5	<0.2
1023865	Soil	12	33	0.70	296	0.082	1	1.78	0.015	0.11	0.1	0.04	5.8	<0.1	<0.05	5	1.1	<0.2
1023871	Soil	8	23	1.12	410	0.165	1	1.97	0.017	0.51	0.1	0.03	4.6	0.1	<0.05	8	<0.5	<0.2
1023867	Soil	11	20	1.15	259	0.152	<1	1.95	0.025	0.71	<0.1	0.02	5.5	0.1	<0.05	8	<0.5	<0.2
1023853	Soil	14	30	0.58	338	0.076	2	1.40	0.013	0.19	0.2	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000266.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023858	Soil	0.6	24.8	8.2	55	0.1	24.3	9.8	354	2.89	12.3	0.6	33.8	4.4	33	<0.1	0.7	<0.1	63	0.45	0.061
1023851	Soil	0.7	22.8	7.8	58	<0.1	23.4	10.1	402	2.70	11.0	0.5	2.2	4.1	34	<0.1	0.8	<0.1	62	0.46	0.070
1023866	Soil	0.6	23.4	7.4	65	<0.1	21.1	10.2	442	3.08	9.6	0.6	3.0	4.1	34	<0.1	0.6	<0.1	65	0.42	0.064
1011305	Soil	1.2	24.2	12.7	113	0.2	18.3	11.5	737	3.59	112.4	0.5	25.6	4.7	42	0.2	7.0	<0.1	70	0.96	0.111
1020503	Soil	0.8	36.4	9.6	55	<0.1	22.1	12.2	302	3.16	10.2	0.8	3.3	4.3	19	<0.1	0.5	0.1	73	0.19	0.026
1020522	Soil	0.9	29.0	10.3	54	<0.1	22.0	10.6	257	2.71	10.4	1.3	7.0	4.4	20	<0.1	0.6	0.1	60	0.19	0.020
1020502	Soil	1.2	27.7	9.8	62	<0.1	20.6	10.6	274	2.91	11.1	0.7	2.5	3.8	17	<0.1	0.5	0.1	66	0.18	0.036
1020505	Soil	0.5	35.3	5.7	65	<0.1	15.7	13.2	482	3.65	6.4	1.1	2.4	6.8	25	<0.1	0.3	<0.1	80	0.38	0.058
1020507	Soil	0.9	20.8	8.4	39	<0.1	10.4	6.2	308	2.52	8.9	0.4	1.5	0.9	16	<0.1	0.3	0.2	80	0.13	0.058
1020509	Soil	0.6	51.5	7.4	51	<0.1	16.0	11.4	424	3.12	5.3	0.7	2.6	3.8	18	<0.1	0.4	0.1	69	0.20	0.028
1020506	Soil	0.5	45.9	5.8	88	<0.1	21.3	22.2	767	4.45	5.4	1.1	1.6	3.2	46	<0.1	0.3	<0.1	117	0.56	0.044
1020504	Soil	0.7	35.7	8.3	46	<0.1	21.3	11.6	247	2.77	9.3	0.6	3.7	3.5	17	<0.1	0.5	0.1	66	0.16	0.022
1020508	Soil	0.7	55.7	5.8	68	<0.1	21.6	13.8	370	3.59	7.7	0.4	1.6	2.9	25	<0.1	0.4	0.1	82	0.29	0.058
1020517	Soil	0.5	53.9	5.1	46	<0.1	21.2	12.2	287	2.54	6.0	0.8	3.5	4.4	23	<0.1	0.4	0.1	60	0.28	0.030
1020526	Soil	1.1	19.7	7.7	60	<0.1	17.7	9.0	398	2.80	8.6	0.6	5.5	4.4	18	<0.1	0.6	0.1	54	0.17	0.024
1020519	Soil	0.8	45.1	7.8	49	<0.1	20.4	11.7	262	2.75	8.4	0.5	2.0	3.8	19	<0.1	0.5	0.2	66	0.18	0.028
1020520	Soil	1.0	54.1	6.9	71	<0.1	18.8	10.6	252	3.10	6.5	0.4	0.9	2.2	12	<0.1	0.3	0.1	79	0.19	0.047
1020527	Soil	1.2	23.5	8.3	57	<0.1	18.1	8.8	308	2.91	9.5	0.5	1.0	3.6	16	<0.1	0.5	0.1	54	0.16	0.035
1020528	Soil	1.2	27.4	8.8	56	<0.1	19.3	9.5	316	3.04	10.7	0.6	2.0	4.2	17	<0.1	0.6	0.2	58	0.16	0.032
1020525	Soil	0.9	22.2	5.1	68	<0.1	12.7	10.0	518	3.67	6.9	0.6	<0.5	3.4	11	<0.1	0.5	<0.1	41	0.18	0.039
1020524	Soil	0.8	22.0	9.0	39	<0.1	12.4	5.5	195	2.24	7.0	1.1	3.7	3.9	21	<0.1	0.4	0.2	51	0.23	0.031
1020521	Soil	0.7	65.8	6.1	51	<0.1	21.4	11.8	237	2.58	7.2	1.4	2.6	3.5	22	<0.1	0.4	0.1	61	0.30	0.054
1020515	Soil	0.5	125.6	4.1	54	<0.1	22.0	20.0	401	3.60	4.8	0.7	0.5	3.3	28	<0.1	0.3	<0.1	94	0.49	0.077
1020510	Soil	0.6	55.9	7.1	58	<0.1	19.3	13.3	379	3.29	7.2	0.6	4.8	3.6	21	<0.1	0.4	0.1	76	0.22	0.034
1020511	Soil	0.7	61.9	6.9	62	<0.1	19.9	15.0	430	3.59	7.2	0.7	1.6	3.6	22	<0.1	0.5	0.1	84	0.24	0.038
1020512	Soil	0.7	49.7	4.6	56	<0.1	19.9	15.3	378	3.05	6.1	0.6	2.0	3.2	30	<0.1	0.3	0.1	75	0.44	0.065
1020513	Soil	0.7	84.3	5.8	72	<0.1	24.8	18.9	458	3.70	7.0	1.4	1.9	4.1	30	<0.1	0.4	0.1	84	0.37	0.036
1020514	Soil	1.0	56.7	5.0	59	<0.1	17.9	13.7	333	3.23	6.0	0.3	5.5	1.3	22	<0.1	0.3	0.1	95	0.31	0.078
1020516	Soil	0.6	78.9	5.2	50	<0.1	17.5	14.7	424	3.21	5.0	0.8	1.6	3.6	20	<0.1	0.4	<0.1	84	0.36	0.054
1020518	Soil	0.6	48.1	5.9	46	<0.1	20.2	12.1	256	2.63	7.1	0.7	2.3	3.6	23	<0.1	0.5	<0.1	67	0.29	0.035

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023858	Soil		15	32	0.57	209	0.075	1	1.41	0.014	0.13	0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1023851	Soil		14	30	0.63	306	0.074	2	1.42	0.015	0.11	0.2	0.03	4.5	<0.1	<0.05	5	0.7	<0.2
1023866	Soil		15	30	0.68	233	0.089	2	1.60	0.015	0.18	0.1	0.02	5.0	<0.1	<0.05	6	0.6	<0.2
1011305	Soil		17	23	0.59	481	0.035	3	1.51	0.012	0.31	0.2	0.11	5.8	0.1	<0.05	5	0.7	<0.2
1020503	Soil		10	35	0.63	205	0.074	1	2.07	0.010	0.05	0.2	0.01	3.6	<0.1	<0.05	6	0.5	<0.2
1020522	Soil		16	36	0.49	282	0.052	1	1.59	0.011	0.03	0.2	0.03	3.9	<0.1	<0.05	5	0.7	<0.2
1020502	Soil		11	36	0.51	209	0.059	2	2.03	0.010	0.04	0.2	0.03	3.0	<0.1	<0.05	6	0.7	<0.2
1020505	Soil		13	27	0.99	317	0.117	<1	2.01	0.010	0.44	<0.1	0.02	4.9	0.1	<0.05	7	<0.5	<0.2
1020507	Soil		8	22	0.41	100	0.065	2	1.31	0.008	0.04	0.1	0.02	1.9	<0.1	<0.05	7	<0.5	<0.2
1020509	Soil		11	28	0.80	247	0.047	<1	2.00	0.009	0.05	0.2	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1020506	Soil		13	35	1.77	383	0.289	<1	2.96	0.021	0.34	0.1	0.02	5.6	0.1	<0.05	8	<0.5	<0.2
1020504	Soil		8	31	0.63	197	0.061	1	2.39	0.011	0.04	0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1020508	Soil		7	32	1.01	225	0.138	2	2.44	0.012	0.15	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1020517	Soil		13	32	0.73	359	0.105	<1	1.59	0.012	0.08	0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
1020526	Soil		11	30	0.49	213	0.069	<1	1.70	0.010	0.06	0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1020519	Soil		9	32	0.64	219	0.078	1	2.02	0.011	0.06	0.2	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1020520	Soil		6	34	0.63	101	0.083	<1	1.83	0.018	0.04	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1020527	Soil		8	29	0.50	224	0.072	<1	1.76	0.009	0.09	0.2	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1020528	Soil		9	32	0.51	232	0.067	<1	1.95	0.009	0.08	0.2	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1020525	Soil		6	18	0.56	134	0.065	<1	2.00	0.007	0.09	<0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1020524	Soil		17	28	0.39	268	0.052	<1	1.41	0.011	0.04	0.2	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1020521	Soil		16	31	0.61	256	0.078	<1	1.51	0.016	0.05	0.1	0.03	5.7	<0.1	<0.05	5	<0.5	<0.2
1020515	Soil		11	33	1.32	278	0.216	1	2.50	0.022	0.24	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1020510	Soil		11	32	0.88	243	0.090	1	2.22	0.011	0.08	0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1020511	Soil		11	33	0.97	242	0.105	<1	2.30	0.012	0.09	0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
1020512	Soil		8	30	1.08	294	0.132	<1	1.98	0.021	0.15	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1020513	Soil		21	39	1.23	292	0.162	<1	2.43	0.017	0.14	0.1	0.03	5.3	<0.1	<0.05	7	0.7	<0.2
1020514	Soil		4	27	1.00	152	0.249	<1	2.02	0.019	0.15	0.1	0.02	2.3	<0.1	<0.05	9	<0.5	<0.2
1020516	Soil		11	33	0.97	218	0.046	<1	1.97	0.017	0.04	<0.1	0.02	7.3	<0.1	<0.05	6	<0.5	<0.2
1020518	Soil		11	32	0.76	264	0.105	<1	1.76	0.015	0.10	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1020501	Soil		0.4	60.3	9.7	61	<0.1	20.8	10.6	290	2.60	7.2	2.0	3.4	5.3	26	<0.1	0.4	0.2	61	0.32	0.049
1020523	Soil		1.2	26.1	9.1	49	<0.1	17.5	8.6	283	2.85	9.5	1.3	2.8	4.8	12	<0.1	0.5	0.2	61	0.12	0.022
1029682	Soil		0.2	7.5	1.9	99	<0.1	11.8	13.7	705	3.82	2.1	0.3	<0.5	1.7	57	<0.1	<0.1	0.1	90	0.99	0.312
1029676	Soil		0.6	8.8	4.0	88	<0.1	9.0	10.0	557	3.62	5.6	0.4	0.6	4.0	30	<0.1	0.3	<0.1	81	0.42	0.128
1029675	Soil		0.3	4.1	2.8	78	<0.1	4.8	9.1	649	3.24	2.2	0.2	<0.5	1.7	42	<0.1	0.1	<0.1	77	0.59	0.143
1029683	Soil		0.2	9.2	2.8	98	<0.1	12.6	13.5	736	3.78	2.2	0.4	<0.5	2.2	79	<0.1	<0.1	<0.1	88	1.06	0.321
1029696	Soil		0.3	41.4	2.6	95	<0.1	8.3	16.1	801	4.23	4.5	0.5	<0.5	3.5	36	<0.1	0.2	<0.1	119	0.84	0.223
1029695	Soil		0.4	21.9	4.4	84	<0.1	12.2	11.0	554	3.37	4.6	0.8	1.9	9.4	27	<0.1	0.3	<0.1	72	0.34	0.065
1011202	Soil		0.5	7.6	2.8	110	<0.1	11.1	11.0	705	3.96	4.5	0.3	<0.5	1.5	26	<0.1	0.2	<0.1	88	0.58	0.184
1011201	Soil		0.7	38.7	15.9	64	<0.1	23.1	10.9	480	3.04	6.9	0.7	2.0	5.0	32	<0.1	0.5	0.2	68	0.48	0.070
1029680	Soil		0.4	14.1	3.5	81	<0.1	14.2	13.4	643	3.92	4.8	0.3	<0.5	3.4	44	<0.1	0.2	<0.1	96	0.80	0.197
1011206	Soil		0.5	8.0	3.9	84	<0.1	10.5	8.4	456	2.95	5.2	0.2	<0.5	1.8	25	<0.1	0.2	<0.1	58	0.37	0.097
1029699	Soil		1.0	77.3	4.2	86	<0.1	12.7	10.1	613	3.69	6.7	0.6	1.5	3.5	29	<0.1	0.4	<0.1	85	0.47	0.102
1029694	Soil		0.6	26.9	6.3	88	<0.1	18.0	14.8	501	3.64	6.2	0.3	<0.5	3.6	27	0.1	0.3	0.2	84	0.35	0.131
1011204	Soil		0.4	9.6	3.6	104	<0.1	10.7	11.1	658	3.45	3.8	0.2	<0.5	1.4	30	<0.1	0.2	<0.1	77	0.56	0.167
1029692	Soil		0.4	8.0	3.6	110	<0.1	9.6	11.1	851	3.65	4.5	0.5	0.7	2.9	42	<0.1	0.2	<0.1	72	0.93	0.261
1029681	Soil		0.4	31.8	9.4	82	<0.1	15.9	12.6	792	4.68	1.7	2.0	<0.5	6.8	57	<0.1	0.2	0.1	73	0.78	0.235
1029679	Soil		0.6	5.2	4.7	117	<0.1	15.9	14.0	594	3.93	4.0	0.3	<0.5	4.1	36	0.1	0.3	<0.1	79	0.65	0.193
1011207	Soil		0.2	9.0	1.4	109	<0.1	8.2	10.5	982	4.13	4.0	0.5	<0.5	1.1	39	<0.1	0.3	<0.1	84	0.84	0.259
1029700	Soil		1.2	83.3	8.7	80	<0.1	20.5	12.4	502	4.07	7.9	0.6	<0.5	3.7	30	<0.1	0.5	0.1	88	0.31	0.062
1011208	Soil		0.3	9.1	3.2	110	<0.1	8.6	11.2	741	3.82	5.4	0.4	<0.5	2.2	34	<0.1	0.3	<0.1	77	0.68	0.223
1029690	Soil		0.6	54.2	6.4	85	<0.1	20.1	12.0	537	3.56	7.5	0.4	<0.5	2.9	58	<0.1	0.3	0.1	82	0.40	0.105
1011205	Soil		0.5	13.7	5.4	102	<0.1	16.2	10.8	673	3.35	8.6	0.4	<0.5	2.7	28	<0.1	0.3	<0.1	69	0.44	0.110
1011203	Soil		0.7	10.2	5.1	103	<0.1	12.9	10.9	610	3.59	6.7	0.3	2.5	1.7	26	<0.1	0.3	<0.1	81	0.45	0.155
1029686	Soil		0.6	13.7	7.1	71	<0.1	18.4	12.4	466	3.02	7.2	0.6	<0.5	5.5	35	<0.1	0.4	0.1	72	0.53	0.158
1029693	Soil		1.3	29.9	3.8	117	<0.1	21.8	18.3	853	4.78	4.9	1.0	3.4	10.2	43	<0.1	0.3	<0.1	116	0.91	0.215
1029685	Soil		0.3	81.4	3.2	69	<0.1	15.9	13.6	554	3.19	3.5	0.6	<0.5	5.8	44	<0.1	0.2	<0.1	75	0.70	0.203
1029684	Soil		0.3	30.0	2.7	88	<0.1	9.7	9.9	573	3.32	3.3	0.2	<0.5	2.1	80	<0.1	0.1	<0.1	76	0.46	0.144
1029688	Soil		0.6	32.5	4.9	97	<0.1	18.3	17.1	770	3.93	5.1	1.2	0.8	10.9	49	<0.1	0.2	<0.1	85	0.82	0.237
1029687	Soil		0.4	9.4	4.5	76	<0.1	17.1	13.4	497	3.11	4.3	0.6	<0.5	7.3	198	<0.1	0.2	<0.1	75	0.99	0.298

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000266.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1020501	Soil	19	33	0.66	296	0.069	<1	1.75	0.013	0.04	0.2	0.05	6.2	<0.1	<0.05	5	<0.5	<0.2
1020523	Soil	17	33	0.43	227	0.051	<1	1.75	0.009	0.03	0.1	0.03	4.8	<0.1	<0.05	5	0.7	<0.2
1029682	Soil	6	22	1.44	488	0.222	<1	2.45	0.026	0.99	<0.1	<0.01	1.9	0.3	<0.05	9	<0.5	<0.2
1029676	Soil	12	14	0.90	392	0.108	<1	2.22	0.008	0.50	<0.1	<0.01	4.0	0.1	<0.05	9	<0.5	<0.2
1029675	Soil	11	9	1.17	403	0.169	<1	2.36	0.014	0.28	<0.1	<0.01	3.9	<0.1	<0.05	9	<0.5	<0.2
1029683	Soil	8	26	1.34	484	0.198	<1	2.41	0.027	0.92	<0.1	<0.01	2.3	0.2	<0.05	8	<0.5	<0.2
1029696	Soil	9	14	1.49	332	0.208	<1	2.30	0.030	0.74	<0.1	0.01	5.0	0.2	<0.05	9	<0.5	<0.2
1029695	Soil	28	20	1.05	187	0.181	<1	2.00	0.010	0.58	<0.1	0.02	3.6	0.2	<0.05	8	<0.5	<0.2
1011202	Soil	5	15	1.24	407	0.276	<1	2.16	0.018	1.22	<0.1	<0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1011201	Soil	16	36	0.81	281	0.110	2	1.71	0.019	0.17	0.2	0.03	5.0	<0.1	<0.05	6	<0.5	<0.2
1029680	Soil	12	29	1.31	136	0.175	<1	2.53	0.037	0.16	0.1	<0.01	4.3	<0.1	<0.05	9	<0.5	<0.2
1011206	Soil	5	15	0.83	376	0.161	<1	1.78	0.008	0.58	<0.1	<0.01	2.2	0.2	0.05	6	<0.5	<0.2
1029699	Soil	13	22	0.99	264	0.112	<1	2.06	0.014	0.51	0.3	0.02	6.3	0.1	<0.05	8	<0.5	<0.2
1029694	Soil	8	25	1.15	305	0.178	2	2.38	0.010	0.71	0.1	<0.01	2.0	0.2	0.05	8	<0.5	<0.2
1011204	Soil	4	13	1.19	387	0.232	<1	2.04	0.013	0.89	<0.1	<0.01	2.0	0.2	<0.05	8	<0.5	<0.2
1029692	Soil	10	15	1.06	268	0.171	2	2.08	0.016	0.54	<0.1	<0.01	4.1	0.1	<0.05	8	<0.5	<0.2
1029681	Soil	25	25	1.40	321	0.046	<1	2.33	0.010	0.09	0.3	<0.01	6.2	<0.1	<0.05	10	<0.5	<0.2
1029679	Soil	11	32	1.20	201	0.108	<1	2.32	0.021	0.21	0.1	<0.01	3.0	<0.1	<0.05	9	<0.5	<0.2
1011207	Soil	6	7	1.18	710	0.192	<1	2.07	0.018	0.95	0.1	0.01	5.5	0.2	<0.05	8	<0.5	<0.2
1029700	Soil	10	46	0.96	265	0.051	<1	2.09	0.010	0.10	0.1	0.01	6.1	<0.1	<0.05	8	<0.5	<0.2
1011208	Soil	9	11	1.16	457	0.200	1	2.04	0.010	0.99	0.1	<0.01	4.7	0.2	<0.05	8	<0.5	<0.2
1029690	Soil	8	37	1.09	325	0.190	<1	2.04	0.014	0.67	0.1	0.01	2.6	0.2	<0.05	8	<0.5	<0.2
1011205	Soil	7	20	1.02	258	0.168	<1	1.88	0.010	0.64	0.1	<0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1011203	Soil	5	18	1.06	280	0.213	1	1.83	0.014	0.88	<0.1	0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1029686	Soil	11	31	0.91	254	0.125	<1	1.82	0.017	0.44	0.1	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1029693	Soil	26	31	1.26	343	0.069	<1	2.22	0.008	0.24	<0.1	0.02	9.7	0.1	<0.05	11	<0.5	<0.2
1029685	Soil	9	25	1.15	191	0.131	<1	1.82	0.017	0.63	<0.1	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1029684	Soil	5	14	0.95	274	0.206	<1	1.97	0.010	0.89	<0.1	<0.01	1.8	0.2	<0.05	8	<0.5	<0.2
1029688	Soil	17	32	1.27	196	0.099	<1	2.06	0.020	0.39	0.2	<0.01	5.2	0.1	<0.05	10	<0.5	<0.2
1029687	Soil	18	28	1.03	313	0.110	<1	1.91	0.028	0.66	<0.1	<0.01	2.7	0.2	<0.05	8	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029689	Soil	0.5	15.7	4.1	56	<0.1	11.8	9.2	415	2.74	2.1	1.6	<0.5	10.1	21	<0.1	0.3	0.2	46	0.31	0.086
1029697	Soil	0.5	11.9	5.6	109	<0.1	12.1	11.1	697	4.18	6.9	0.6	0.9	3.6	33	<0.1	0.3	0.1	89	0.53	0.143
1029691	Soil	0.5	10.7	4.1	94	<0.1	9.2	9.1	768	3.14	5.1	0.6	0.8	6.1	29	<0.1	0.3	<0.1	62	0.47	0.115
1029678	Soil	0.6	9.7	6.2	87	<0.1	17.8	11.3	489	3.40	6.8	0.3	<0.5	2.2	38	<0.1	0.3	0.1	70	0.55	0.140
1029677	Soil	0.5	5.3	3.5	101	<0.1	8.9	12.3	782	4.59	5.0	0.4	0.6	1.3	40	<0.1	0.2	<0.1	103	0.72	0.211
1029674	Soil	1.0	41.8	7.7	76	0.1	23.2	13.5	400	3.35	7.0	0.7	1.5	3.2	28	<0.1	0.4	0.2	76	0.39	0.050
1031950	Soil	1.9	58.2	5.8	86	<0.1	20.8	18.2	586	3.74	2.9	0.5	1.1	2.1	24	0.2	0.2	0.2	93	0.36	0.073
1031948	Soil	1.1	51.2	4.9	68	<0.1	55.5	27.8	736	5.92	3.7	1.1	1.4	4.5	18	<0.1	0.2	0.1	140	0.42	0.042
1031949	Soil	1.7	42.6	26.3	456	<0.1	27.0	22.9	1025	4.09	11.6	0.4	1.1	2.6	26	0.7	0.3	0.3	85	0.38	0.063
1029670	Soil	0.5	42.9	6.5	65	<0.1	27.2	16.9	540	3.79	8.4	1.0	0.6	5.5	27	<0.1	0.4	0.1	106	0.39	0.061
1031947	Soil	0.4	45.8	5.1	66	<0.1	28.2	18.1	538	4.06	6.7	1.3	1.8	6.5	26	<0.1	0.3	<0.1	120	0.45	0.081
1029671	Soil	1.0	28.8	4.7	72	<0.1	25.8	16.0	309	3.53	3.5	0.5	<0.5	2.3	18	0.2	0.2	<0.1	85	0.45	0.079
1029656	Soil	0.9	44.7	6.4	93	<0.1	21.0	17.1	713	5.21	6.2	0.6	<0.5	3.4	24	0.1	0.4	0.1	80	0.36	0.047
1029661	Soil	0.4	53.9	3.8	77	<0.1	37.1	22.2	357	4.66	4.7	0.4	<0.5	2.4	186	<0.1	0.2	<0.1	145	0.51	0.035
1029655	Soil	1.0	38.3	7.1	74	<0.1	20.0	15.6	486	4.26	9.9	0.6	1.4	3.7	23	<0.1	0.5	0.1	89	0.24	0.029
1029851	Soil	1.6	96.5	3.8	65	<0.1	30.7	26.7	576	4.77	3.9	0.5	0.6	2.0	34	<0.1	0.2	<0.1	123	0.51	0.079
1029665	Soil	1.2	112.1	10.8	97	<0.1	8.8	14.3	483	5.07	4.5	0.6	<0.5	3.2	31	<0.1	0.3	0.2	93	0.27	0.033
1029663	Soil	0.6	52.3	5.5	78	<0.1	19.7	16.3	505	3.74	5.1	0.7	1.7	3.4	28	<0.1	0.3	0.2	86	0.43	0.051
1029664	Soil	0.9	38.6	7.1	63	<0.1	21.1	15.2	367	3.49	7.9	0.4	1.7	2.7	21	0.1	0.5	0.2	82	0.29	0.044
1030775	Soil	0.5	73.1	5.8	100	<0.1	13.3	18.9	744	5.21	2.1	0.7	1.2	3.3	26	<0.1	0.2	<0.1	123	0.28	0.048
1029673	Soil	1.0	59.9	5.0	67	<0.1	14.5	17.0	453	3.46	3.3	0.2	<0.5	1.2	20	0.1	0.3	0.1	85	0.42	0.039
1029669	Soil	1.0	27.5	14.4	52	<0.1	11.5	6.3	444	2.41	5.2	0.8	<0.5	2.1	12	<0.1	0.4	0.1	43	0.22	0.017
1029857	Soil	0.9	175.1	5.9	63	<0.1	17.4	16.7	587	4.28	5.8	0.4	1.5	1.4	21	<0.1	0.4	0.1	150	0.37	0.048
1029667	Soil	0.7	43.8	3.7	81	0.2	14.1	22.4	1452	4.67	<0.5	0.5	1.5	1.7	51	0.2	0.4	<0.1	75	5.83	0.135
1029672	Soil	0.8	39.6	6.8	61	<0.1	15.1	12.4	372	3.13	6.0	0.3	1.9	1.7	25	<0.1	0.4	0.2	81	0.39	0.037
1029856	Soil	0.7	45.9	6.2	63	<0.1	19.3	13.6	356	3.22	6.4	0.4	2.9	3.3	20	<0.1	0.5	0.1	69	0.25	0.040
1029662	Soil	1.3	30.8	7.1	343	<0.1	14.2	15.9	1072	5.66	6.8	0.5	<0.5	4.2	12	0.2	0.5	0.3	80	0.17	0.052
1029668	Soil	0.6	93.9	5.3	137	<0.1	22.0	27.3	902	8.51	3.9	0.5	<0.5	3.1	21	0.1	0.2	0.1	231	0.61	0.168
1029666	Soil	0.4	89.0	5.9	86	<0.1	8.2	18.4	420	2.81	2.7	0.3	0.9	1.3	17	0.1	0.2	<0.1	86	0.50	0.097
1029658	Soil	0.8	30.2	7.5	57	<0.1	18.1	13.5	602	3.18	6.4	0.3	2.5	1.7	19	0.2	0.4	0.1	86	0.31	0.074

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029689	Soil	20	16	0.61	351	0.012	<1	1.46	0.006	0.15	<0.1	<0.01	4.5	<0.1	<0.05	6	<0.5	<0.2
1029697	Soil	8	19	1.08	266	0.187	1	2.25	0.010	0.82	0.1	0.01	4.2	0.2	<0.05	9	<0.5	<0.2
1029691	Soil	19	13	0.92	169	0.131	<1	1.74	0.008	0.57	<0.1	<0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1029678	Soil	6	26	0.91	300	0.147	<1	2.08	0.014	0.32	0.1	0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1029677	Soil	4	13	1.17	530	0.175	<1	2.44	0.012	0.73	<0.1	0.01	4.3	0.2	<0.05	9	<0.5	<0.2
1029674	Soil	10	36	0.92	310	0.141	<1	2.02	0.012	0.20	0.1	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1031950	Soil	6	37	1.47	310	0.141	<1	2.32	0.012	0.28	0.1	0.02	4.3	0.1	<0.05	9	<0.5	<0.2
1031948	Soil	14	116	3.09	415	0.045	<1	3.50	0.008	0.06	<0.1	0.01	12.3	<0.1	<0.05	12	<0.5	<0.2
1031949	Soil	5	41	1.71	318	0.220	<1	2.66	0.012	0.50	0.2	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1029670	Soil	13	49	1.78	376	0.176	<1	2.23	0.015	0.52	<0.1	0.02	7.1	0.2	<0.05	9	<0.5	<0.2
1031947	Soil	15	53	2.05	386	0.206	<1	2.43	0.016	0.63	<0.1	<0.01	7.8	0.2	<0.05	10	<0.5	<0.2
1029671	Soil	6	49	0.95	241	0.134	<1	1.96	0.026	0.14	<0.1	<0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1029656	Soil	8	36	1.02	287	0.083	<1	2.31	0.012	0.28	<0.1	0.01	9.6	<0.1	<0.05	9	<0.5	<0.2
1029661	Soil	7	58	2.39	526	0.266	<1	3.47	0.027	0.72	<0.1	<0.01	6.4	0.2	<0.05	10	<0.5	<0.2
1029655	Soil	8	31	1.08	301	0.170	<1	2.41	0.012	0.20	<0.1	0.01	4.2	0.1	<0.05	8	<0.5	<0.2
1029851	Soil	8	55	2.32	307	0.286	<1	2.98	0.010	0.72	<0.1	<0.01	3.2	0.1	<0.05	9	<0.5	<0.2
1029665	Soil	9	21	1.53	279	0.037	<1	2.98	0.008	0.06	<0.1	0.01	8.8	<0.1	<0.05	10	0.6	<0.2
1029663	Soil	12	32	1.15	350	0.121	<1	2.06	0.018	0.13	0.1	0.02	5.9	<0.1	<0.05	7	<0.5	<0.2
1029664	Soil	6	33	1.00	225	0.153	1	2.12	0.017	0.11	0.2	<0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1030775	Soil	14	28	2.62	292	0.059	<1	3.09	0.010	0.09	<0.1	<0.01	15.8	<0.1	<0.05	12	<0.5	<0.2
1029673	Soil	4	27	1.03	321	0.125	<1	2.03	0.023	0.18	<0.1	<0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
1029669	Soil	6	17	0.21	305	0.019	<1	1.04	0.006	0.06	<0.1	0.01	4.7	<0.1	<0.05	3	<0.5	<0.2
1029857	Soil	4	34	1.13	279	0.135	<1	2.50	0.025	0.08	<0.1	<0.01	7.9	<0.1	<0.05	8	<0.5	<0.2
1029667	Soil	6	12	0.68	1193	0.026	3	0.94	0.008	0.33	<0.1	0.01	16.5	0.1	<0.05	3	<0.5	<0.2
1029672	Soil	5	27	1.08	265	0.136	<1	2.09	0.018	0.20	0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1029856	Soil	8	29	0.78	289	0.124	<1	1.96	0.014	0.17	0.1	<0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
1029662	Soil	6	21	0.75	295	0.178	1	2.31	0.012	0.66	<0.1	0.01	11.4	0.2	<0.05	9	<0.5	<0.2
1029668	Soil	7	29	2.20	402	0.047	2	3.74	0.009	0.18	<0.1	<0.01	20.7	<0.1	<0.05	16	<0.5	<0.2
1029666	Soil	4	10	0.67	161	0.121	<1	1.46	0.042	0.07	<0.1	<0.01	4.0	<0.1	<0.05	5	<0.5	<0.2
1029658	Soil	6	28	0.86	337	0.119	<1	1.90	0.018	0.11	0.1	<0.01	3.0	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000266.2

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029657	Soil	0.5	44.4	5.4	78	<0.1	40.0	26.2	763	4.99	5.2	0.8	6.8	3.3	24	<0.1	0.2	<0.1	131	0.66	0.121
1029854	Soil	0.7	41.5	5.5	82	<0.1	14.4	14.1	632	4.51	5.0	0.3	0.9	2.4	21	<0.1	0.4	0.1	103	0.28	0.078
1029659	Soil	0.7	111.3	5.5	80	<0.1	16.2	17.9	545	5.21	6.2	0.4	0.8	1.8	23	0.1	0.3	<0.1	146	0.67	0.146
1031945	Soil	0.5	51.2	4.0	75	<0.1	31.0	22.5	555	4.24	4.3	1.0	1.2	5.0	55	<0.1	0.3	<0.1	104	0.46	0.033
1031944	Soil	0.5	58.1	6.1	47	<0.1	19.7	12.3	317	2.83	5.7	0.9	1.7	2.8	81	<0.1	0.3	<0.1	71	0.57	0.032
1031943	Soil	0.9	22.2	7.3	50	<0.1	12.5	9.5	355	3.09	7.6	0.4	<0.5	0.9	28	0.2	0.3	0.2	81	0.29	0.074
1029852	Soil	0.3	57.4	6.7	68	<0.1	43.7	20.9	709	4.24	1.7	0.9	1.5	7.8	17	<0.1	0.1	<0.1	61	0.30	0.051
1029853	Soil	0.3	69.1	6.8	66	<0.1	44.6	21.6	733	4.55	2.2	1.0	2.7	8.3	17	<0.1	0.2	0.1	62	0.29	0.047
1029660	Soil	0.9	46.0	3.7	130	<0.1	20.1	20.8	1103	6.68	3.6	0.8	<0.5	3.7	25	0.1	0.5	<0.1	126	0.56	0.208
1029855	Soil	0.7	26.2	5.1	53	<0.1	30.7	15.0	394	3.18	5.4	0.5	1.0	2.5	28	<0.1	0.4	<0.1	77	0.43	0.072
1031926	Soil	0.5	67.6	3.8	116	<0.1	24.4	23.5	653	4.88	7.7	0.9	1.6	5.5	26	0.2	0.4	<0.1	134	0.66	0.165
1031924	Soil	0.9	51.3	3.3	39	<0.1	17.2	12.3	259	3.38	6.1	0.8	4.7	3.0	20	<0.1	0.5	<0.1	57	0.44	0.078
1031933	Soil	0.8	34.7	5.3	58	<0.1	16.9	11.7	253	2.86	7.3	0.4	58.3	2.4	12	<0.1	0.5	<0.1	66	0.26	0.052
1031920	Soil	1.0	25.5	3.5	46	<0.1	10.0	12.8	477	2.79	4.4	0.3	<0.5	1.3	21	0.1	0.3	<0.1	75	0.42	0.063
1031935	Soil	1.0	24.6	7.1	48	<0.1	18.1	9.9	310	2.64	9.0	0.4	1.3	3.0	24	0.2	0.6	0.1	62	0.39	0.032
1031913	Soil	0.7	32.6	5.7	51	<0.1	18.5	14.8	216	2.92	7.6	0.7	1.2	3.4	19	<0.1	0.6	<0.1	67	0.36	0.085
1031931	Soil	0.5	58.3	3.6	86	<0.1	29.7	16.3	684	2.92	3.8	0.3	0.7	1.3	21	0.1	0.3	<0.1	61	0.55	0.119
1031934	Soil	1.2	42.1	10.0	53	0.1	23.5	12.4	276	3.13	8.9	0.7	2.0	3.5	19	0.1	0.6	0.1	77	0.37	0.030
1031914	Soil	0.8	35.5	7.1	62	<0.1	22.1	10.7	326	2.93	9.8	1.0	4.5	4.8	30	<0.1	0.8	0.1	61	0.35	0.047
1031918	Soil	2.1	34.6	4.6	133	0.1	17.9	15.3	478	4.39	5.8	0.6	<0.5	2.9	15	0.2	0.2	<0.1	102	0.21	0.051
1030782	Soil	0.7	85.5	2.9	45	<0.1	15.7	14.9	351	2.99	4.1	0.3	<0.5	1.2	13	<0.1	0.3	<0.1	94	0.32	0.046
1031936	Soil	0.9	23.7	6.4	43	<0.1	18.4	8.5	194	2.50	9.1	0.4	1.0	3.3	19	<0.1	0.6	0.1	59	0.23	0.024
1031922	Soil	0.8	89.7	2.7	51	<0.1	10.2	16.0	578	4.21	4.4	0.5	<0.5	1.4	21	0.1	0.3	<0.1	74	0.45	0.112
1031925	Soil	0.7	28.8	5.0	98	<0.1	9.4	14.0	533	4.04	5.0	0.4	0.9	1.6	18	0.2	0.3	0.1	109	0.33	0.077
1031940	Soil	0.9	40.9	6.0	58	<0.1	27.2	15.0	461	3.74	9.5	0.6	1.7	5.5	25	<0.1	0.7	0.1	76	0.52	0.063
1031941	Soil	1.3	23.0	7.0	43	<0.1	18.9	10.7	266	2.91	6.0	0.6	54.3	4.5	19	<0.1	0.6	0.1	64	0.37	0.024
1031912	Soil	0.4	48.2	3.1	57	<0.1	13.7	13.4	254	2.42	3.7	0.6	1.7	3.2	13	<0.1	0.2	<0.1	71	0.33	0.085
1031919	Soil	0.4	50.5	4.6	67	<0.1	13.9	15.1	335	3.21	3.0	0.6	<0.5	3.3	14	<0.1	0.2	<0.1	93	0.41	0.078
1031942	Soil	0.8	28.5	7.3	50	<0.1	23.7	9.1	406	1.94	9.1	0.8	3.7	3.6	89	0.3	0.9	0.1	38	2.45	0.082
1031910	Soil	0.3	28.5	1.8	43	<0.1	9.8	10.2	279	2.00	2.1	0.7	1.6	3.6	12	<0.1	0.2	<0.1	57	0.39	0.089

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Project: PED
Report Date: July 19, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029657	Soil		11	62	2.49	275	0.213	<1	2.97	0.019	0.28	<0.1	0.02	8.8	<0.1	<0.05	11	<0.5	<0.2
1029854	Soil		6	28	1.39	453	0.198	<1	2.68	0.014	0.78	<0.1	<0.01	6.1	0.3	<0.05	8	<0.5	<0.2
1029659	Soil		5	23	1.26	257	0.189	<1	2.54	0.032	0.18	0.1	<0.01	5.3	<0.1	<0.05	10	<0.5	<0.2
1031945	Soil		19	44	1.81	325	0.284	<1	3.03	0.021	0.24	<0.1	0.01	5.7	0.1	<0.05	9	<0.5	<0.2
1031944	Soil		17	29	0.77	296	0.106	<1	2.21	0.042	0.05	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5	<0.2
1031943	Soil		6	21	0.65	132	0.086	<1	2.00	0.018	0.06	0.1	0.02	3.0	<0.1	<0.05	8	<0.5	<0.2
1029852	Soil		20	91	2.09	173	0.011	<1	3.07	0.009	0.09	<0.1	<0.01	9.4	<0.1	<0.05	8	<0.5	<0.2
1029853	Soil		22	101	2.13	208	0.009	1	3.18	0.009	0.09	<0.1	0.02	9.1	<0.1	<0.05	9	<0.5	<0.2
1029660	Soil		14	27	1.30	529	0.119	1	2.71	0.012	0.49	<0.1	<0.01	21.7	<0.1	<0.05	12	<0.5	<0.2
1029855	Soil		10	72	1.28	244	0.097	<1	2.09	0.019	0.08	<0.1	<0.01	5.1	<0.1	<0.05	6	<0.5	<0.2
1031926	Soil		14	35	3.08	360	0.198	2	3.42	0.014	0.28	<0.1	<0.01	6.4	<0.1	<0.05	13	<0.5	<0.2
1031924	Soil		12	18	1.04	219	0.090	1	2.00	0.028	0.05	<0.1	0.04	9.5	<0.1	<0.05	8	<0.5	<0.2
1031933	Soil		7	27	0.70	163	0.125	<1	1.54	0.015	0.20	0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1031920	Soil		4	16	0.49	211	0.071	<1	1.54	0.031	0.04	<0.1	<0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1031935	Soil		8	32	0.51	235	0.065	<1	1.49	0.014	0.08	0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1031913	Soil		14	23	0.98	204	0.084	<1	1.69	0.023	0.04	0.1	0.04	6.5	<0.1	<0.05	6	<0.5	<0.2
1031931	Soil		4	74	1.19	258	0.175	<1	1.77	0.019	0.24	<0.1	<0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1031934	Soil		10	42	0.65	177	0.075	1	1.89	0.013	0.08	0.2	0.02	5.8	<0.1	<0.05	6	<0.5	<0.2
1031914	Soil		16	31	0.66	251	0.066	<1	1.51	0.018	0.05	0.2	0.03	6.0	<0.1	<0.05	5	0.5	<0.2
1031918	Soil		8	32	1.14	493	0.203	<1	2.12	0.011	0.82	<0.1	<0.01	12.0	0.2	<0.05	9	<0.5	<0.2
1030782	Soil		3	33	0.98	376	0.208	<1	1.86	0.020	0.61	0.1	<0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1031936	Soil		8	34	0.49	187	0.069	<1	1.49	0.010	0.06	0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1031922	Soil		5	14	1.00	313	0.074	<1	2.14	0.021	0.12	<0.1	<0.01	8.7	<0.1	<0.05	10	<0.5	<0.2
1031925	Soil		5	15	1.81	362	0.195	<1	2.61	0.014	0.57	0.1	<0.01	8.9	0.1	<0.05	9	<0.5	<0.2
1031940	Soil		12	37	1.04	234	0.140	<1	1.94	0.012	0.13	0.1	<0.01	5.7	<0.1	<0.05	7	<0.5	<0.2
1031941	Soil		10	38	0.62	133	0.081	1	1.69	0.009	0.09	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1031912	Soil		9	21	0.88	330	0.142	<1	1.37	0.020	0.43	<0.1	<0.01	3.3	0.1	<0.05	5	<0.5	<0.2
1031919	Soil		7	26	1.29	292	0.227	<1	1.92	0.020	0.54	0.1	<0.01	3.7	0.1	<0.05	6	<0.5	<0.2
1031942	Soil		11	21	0.65	352	0.051	1	0.80	0.023	0.06	0.2	0.04	3.2	<0.1	<0.05	3	<0.5	<0.2
1031910	Soil		10	9	0.69	260	0.102	<1	1.24	0.025	0.29	<0.1	<0.01	4.8	<0.1	<0.05	4	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031911	Soil	0.5	18.2	5.1	62	<0.1	15.1	12.7	459	3.07	4.9	0.6	<0.5	3.0	20	<0.1	0.3	<0.1	76	0.28	0.048
1031938	Soil	0.6	71.2	5.3	59	<0.1	21.5	11.7	387	2.68	6.7	0.7	2.0	10.9	23	0.1	0.5	0.1	52	0.46	0.059
1031921	Soil	0.6	14.8	2.7	32	<0.1	10.6	16.0	314	3.42	4.7	0.5	0.8	1.6	16	<0.1	0.3	<0.1	78	0.38	0.072
1031939	Soil	0.7	48.5	6.4	49	0.1	27.8	11.2	384	2.23	7.0	0.7	1.8	3.6	79	0.2	0.7	0.1	49	2.67	0.061
1031915	Soil	0.7	46.2	9.2	173	0.1	23.6	14.2	778	4.46	14.7	0.7	3.2	3.6	33	0.1	0.6	0.1	65	0.61	0.079
1031916	Soil	1.0	19.5	4.9	155	<0.1	11.7	12.6	877	5.44	6.7	0.7	<0.5	2.2	22	0.2	0.6	<0.1	51	0.47	0.099
1031917	Soil	0.7	24.2	6.2	92	<0.1	19.6	10.8	443	3.04	7.9	0.6	1.6	3.5	22	0.1	0.6	0.1	59	0.33	0.042
1031929	Soil	0.8	49.9	6.1	94	<0.1	20.5	20.5	627	3.94	10.6	0.3	<0.5	1.3	24	0.2	0.5	<0.1	94	0.71	0.054
1031930	Soil	0.8	47.9	6.8	52	<0.1	23.0	11.1	305	2.31	33.0	0.4	<0.5	2.5	20	0.1	0.5	0.1	59	0.34	0.126
1031937	Soil	0.7	72.2	5.2	64	<0.1	21.9	12.3	405	2.76	7.1	0.8	2.3	11.2	22	<0.1	0.4	<0.1	53	0.45	0.054
1031932	Soil	0.6	59.6	8.0	77	<0.1	33.3	17.9	531	4.01	7.6	0.5	0.5	2.9	22	<0.1	0.4	0.1	106	0.47	0.067
1031928	Soil	0.4	22.3	3.1	54	<0.1	11.7	17.9	1019	4.03	3.7	0.4	4.0	0.7	110	0.1	0.7	<0.1	40	6.64	0.080
1031883	Soil	0.8	31.7	6.6	54	<0.1	23.0	10.6	414	2.33	6.6	0.7	3.3	3.4	41	0.1	0.5	0.1	51	0.67	0.064
1031882	Soil	0.9	42.6	6.3	54	<0.1	25.5	10.6	408	2.32	7.4	0.5	2.2	3.1	73	0.2	0.7	<0.1	52	2.31	0.062
1031880	Soil	0.9	35.2	4.6	40	<0.1	24.8	9.8	380	1.96	5.4	0.5	3.6	2.4	33	0.2	0.6	<0.1	41	0.57	0.087
1031879	Soil	1.7	57.0	9.6	76	<0.1	39.7	18.9	507	3.91	12.2	0.8	1.0	4.8	36	0.2	0.7	0.2	83	0.50	0.073
1031881	Soil	0.9	31.6	5.1	45	<0.1	21.8	9.4	421	2.07	5.3	0.4	0.6	2.3	38	0.2	0.5	0.2	44	0.71	0.082
1031878	Soil	0.8	41.6	7.1	49	<0.1	23.8	9.5	277	2.27	7.9	0.7	3.9	3.7	37	0.1	0.6	0.1	51	0.59	0.064
1031877	Soil	0.7	29.8	6.3	42	<0.1	15.5	10.0	227	2.43	4.8	0.4	0.8	1.9	27	0.1	0.4	0.1	65	0.43	0.036
1031876	Soil	0.7	31.2	7.8	43	<0.1	19.0	9.6	249	2.32	7.6	0.6	5.0	3.3	26	0.1	0.6	0.1	57	0.40	0.036
1031875	Soil	0.7	30.6	7.7	44	<0.1	21.0	9.6	220	2.38	8.1	0.5	<0.5	3.8	27	0.1	0.6	0.1	56	0.41	0.030
1031873	Soil	0.6	32.4	6.2	47	<0.1	19.0	10.0	254	2.41	6.7	0.7	2.8	3.8	31	<0.1	0.6	0.1	59	0.48	0.052
1031862	Soil	0.9	20.9	7.5	45	<0.1	18.3	8.1	282	2.14	8.1	0.5	1.1	4.0	23	0.1	0.6	0.1	50	0.27	0.047
1031861	Soil	0.7	55.7	6.2	67	<0.1	15.8	10.5	605	3.14	6.0	1.3	2.8	9.6	26	<0.1	0.5	0.4	55	0.35	0.051
1031860	Soil	0.9	22.7	9.1	63	<0.1	19.9	9.1	305	2.43	8.7	0.7	2.5	5.0	19	0.1	0.7	0.2	52	0.24	0.041
1031859	Soil	1.1	19.9	8.6	50	<0.1	18.1	9.6	267	2.59	9.9	0.9	2.1	4.8	23	<0.1	0.6	0.2	56	0.30	0.037
1031858	Soil	0.7	25.7	7.1	53	<0.1	18.9	10.2	288	2.46	7.3	0.5	1.1	3.4	20	0.1	0.5	0.1	58	0.26	0.037
1031857	Soil	0.7	26.4	6.8	65	<0.1	18.2	9.6	351	2.62	7.1	0.7	43.5	6.4	22	<0.1	0.6	0.2	54	0.25	0.038
1031856	Soil	0.6	79.8	4.6	83	<0.1	16.8	16.6	543	4.53	6.1	0.5	13.3	2.8	12	<0.1	0.4	0.1	149	0.25	0.066
1031870	Soil	0.6	26.9	5.9	43	0.1	16.5	7.8	282	2.11	5.3	0.7	2.2	3.1	27	<0.1	0.5	0.1	44	0.50	0.052

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000266.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031911	Soil	8	19	1.16	379	0.227	<1	2.01	0.012	0.74	0.1	<0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1031938	Soil	15	19	0.68	248	0.133	<1	1.27	0.020	0.18	0.1	0.03	4.9	0.1	<0.05	5	<0.5	<0.2
1031921	Soil	5	15	0.81	159	0.082	<1	1.91	0.026	0.04	<0.1	<0.01	6.6	<0.1	<0.05	7	<0.5	<0.2
1031939	Soil	12	24	0.70	341	0.065	2	1.09	0.024	0.07	0.2	0.05	4.0	0.1	<0.05	4	<0.5	<0.2
1031915	Soil	13	21	1.34	387	0.087	<1	2.08	0.021	0.05	0.2	0.07	9.3	<0.1	<0.05	10	<0.5	<0.2
1031916	Soil	8	15	1.16	311	0.069	1	2.30	0.012	0.19	0.2	0.01	12.1	<0.1	<0.05	12	<0.5	<0.2
1031917	Soil	11	29	0.67	261	0.107	<1	1.67	0.010	0.22	0.2	<0.01	7.4	<0.1	<0.05	7	<0.5	<0.2
1031929	Soil	4	36	1.14	172	0.182	1	1.91	0.047	0.14	0.1	0.02	6.0	<0.1	<0.05	8	<0.5	<0.2
1031930	Soil	7	27	0.44	271	0.050	<1	1.60	0.016	0.04	0.2	0.01	2.8	<0.1	<0.05	4	<0.5	<0.2
1031937	Soil	14	21	0.68	266	0.136	<1	1.28	0.020	0.18	0.1	0.04	4.7	<0.1	<0.05	6	<0.5	<0.2
1031932	Soil	7	62	1.30	292	0.196	<1	1.96	0.011	0.38	0.1	<0.01	9.0	0.2	<0.05	8	<0.5	<0.2
1031928	Soil	4	7	0.85	628	0.002	4	0.42	0.009	0.08	0.3	0.06	11.4	<0.1	<0.05	<1	<0.5	<0.2
1031883	Soil	11	31	0.61	223	0.070	<1	1.14	0.017	0.09	<0.1	0.03	3.8	<0.1	<0.05	4	0.6	<0.2
1031882	Soil	11	29	0.69	261	0.077	<1	1.06	0.020	0.08	0.2	0.04	3.8	<0.1	<0.05	4	0.6	<0.2
1031880	Soil	10	23	0.46	169	0.059	<1	0.66	0.012	0.07	0.1	0.04	3.0	<0.1	<0.05	2	<0.5	<0.2
1031879	Soil	8	42	0.94	319	0.109	<1	2.10	0.016	0.12	0.3	0.02	5.7	<0.1	<0.05	6	0.6	<0.2
1031881	Soil	10	24	0.52	188	0.063	<1	0.79	0.013	0.07	<0.1	0.02	3.3	<0.1	<0.05	3	0.7	<0.2
1031878	Soil	13	26	0.49	297	0.064	<1	1.15	0.019	0.05	0.2	0.04	3.9	<0.1	<0.05	4	0.5	<0.2
1031877	Soil	8	26	0.53	199	0.063	<1	1.63	0.014	0.07	0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1031876	Soil	10	29	0.46	280	0.056	<1	1.45	0.016	0.05	0.2	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1031875	Soil	11	30	0.48	250	0.072	<1	1.41	0.015	0.07	0.2	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
1031873	Soil	12	29	0.57	282	0.070	<1	1.45	0.019	0.06	0.2	0.04	4.2	<0.1	<0.05	4	0.6	<0.2
1031862	Soil	11	27	0.40	321	0.052	<1	1.23	0.010	0.06	0.2	0.02	2.7	<0.1	<0.05	4	0.8	<0.2
1031861	Soil	26	19	0.72	380	0.056	<1	1.60	0.011	0.15	0.2	0.04	5.5	<0.1	<0.05	5	<0.5	<0.2
1031860	Soil	12	29	0.44	266	0.052	<1	1.47	0.010	0.07	0.2	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1031859	Soil	13	29	0.50	305	0.058	<1	1.50	0.012	0.06	0.2	0.02	3.3	<0.1	<0.05	5	0.6	<0.2
1031858	Soil	10	26	0.55	253	0.071	<1	1.45	0.012	0.04	0.2	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1031857	Soil	16	25	0.65	238	0.071	<1	1.37	0.010	0.11	0.2	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1031856	Soil	7	19	1.24	354	0.186	1	2.05	0.016	0.66	0.2	0.03	7.1	0.2	<0.05	8	0.8	<0.2
1031870	Soil	17	23	0.45	402	0.034	2	1.22	0.011	0.05	0.2	0.06	3.1	<0.1	<0.05	4	0.5	<0.2

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000266.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031868	Soil	0.7	17.4	5.6	38	<0.1	14.2	6.9	224	2.12	6.5	0.3	1.1	2.0	20	<0.1	0.4	0.1	48	0.27	0.049
1031871	Soil	0.6	34.4	6.0	48	0.1	18.1	9.0	368	2.06	6.1	1.2	4.6	3.2	31	<0.1	0.5	0.1	43	0.56	0.056
1031863	Soil	0.8	13.9	7.3	43	<0.1	16.3	7.9	199	2.21	7.3	0.6	2.6	4.3	18	<0.1	0.6	0.1	45	0.26	0.043
1031855	Soil	0.8	37.6	4.5	73	<0.1	21.2	13.4	266	3.46	18.4	0.6	2.9	3.7	12	<0.1	0.4	0.1	98	0.18	0.021
1031854	Soil	1.3	20.0	7.2	56	0.1	16.4	8.2	266	2.65	62.7	0.5	3.3	3.3	14	<0.1	0.6	0.1	62	0.17	0.019
1031853	Soil	0.6	69.9	5.3	54	<0.1	24.0	17.5	255	3.55	5.9	0.4	2.1	2.7	13	<0.1	0.4	<0.1	117	0.20	0.024
1031852	Soil	0.7	16.1	4.9	55	<0.1	13.5	10.8	427	2.54	4.9	0.3	<0.5	1.6	15	0.2	0.4	0.1	69	0.18	0.025
1031851	Soil	0.5	38.4	3.2	41	<0.1	17.2	12.5	234	2.24	3.9	0.3	9.7	1.4	18	<0.1	0.3	<0.1	67	0.36	0.033
1031869	Soil	0.6	42.6	5.0	47	<0.1	19.0	8.6	314	2.54	6.6	1.0	3.5	3.8	29	<0.1	0.7	<0.1	52	0.46	0.081
1031872	Soil	0.6	18.7	5.2	41	<0.1	17.0	7.6	263	2.08	7.6	0.6	4.2	2.9	27	<0.1	0.6	<0.1	46	0.42	0.063
1031867	Soil	0.6	21.8	5.9	43	<0.1	19.0	8.6	229	2.16	8.5	0.8	4.1	4.0	22	<0.1	0.5	0.1	46	0.30	0.046
1031865	Soil	0.5	82.6	5.3	129	<0.1	23.6	20.9	844	5.17	4.5	0.2	0.8	1.3	41	<0.1	0.3	<0.1	129	0.69	0.042
1031866	Soil	0.9	11.3	5.9	48	<0.1	13.4	6.7	288	2.00	6.2	0.3	1.6	1.6	15	0.1	0.5	0.1	49	0.25	0.023
1031864	Soil	0.5	82.0	5.8	131	<0.1	23.8	22.5	849	5.34	4.9	0.2	0.9	1.3	41	0.1	0.3	<0.1	134	0.70	0.043
1029698	Soil	0.6	11.0	5.0	82	<0.1	12.5	9.1	542	3.13	6.6	0.3	1.2	2.0	19	<0.1	0.4	<0.1	69	0.35	0.131
1028532	Soil	0.5	16.2	5.6	61	<0.1	8.0	8.5	474	2.86	2.7	0.4	3.1	2.7	25	0.1	0.1	0.3	41	0.25	0.031
1031927	Soil	1.5	55.1	7.7	65	<0.1	29.6	10.7	407	2.84	10.9	1.1	5.2	4.4	23	<0.1	0.8	0.1	64	0.35	0.049
1031874	Soil	0.5	60.3	1.9	80	<0.1	12.7	11.8	539	3.72	3.9	0.5	<0.5	1.6	34	0.1	0.3	<0.1	42	1.50	0.504

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Project: PED
Report Date: July 19, 2011

CERTIFICATE OF ANALYSIS WHI11000266.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031868	Soil	7	23	0.41	205	0.036	1	1.17	0.007	0.05	0.1	0.02	2.2	<0.1	<0.05	4	0.8	<0.2
1031871	Soil	14	23	0.47	306	0.040	2	1.19	0.014	0.04	0.2	0.06	3.4	<0.1	<0.05	4	<0.5	<0.2
1031863	Soil	10	25	0.37	355	0.034	2	1.21	0.008	0.06	0.2	0.02	2.9	<0.1	<0.05	3	0.7	<0.2
1031855	Soil	8	30	1.13	361	0.130	2	1.84	0.012	0.41	0.1	0.02	7.9	0.1	<0.05	6	1.2	<0.2
1031854	Soil	9	28	0.51	212	0.045	<1	1.32	0.008	0.06	0.2	0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
1031853	Soil	12	42	1.64	277	0.199	2	2.19	0.015	0.38	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1031852	Soil	5	20	0.64	580	0.117	1	1.35	0.007	0.21	0.1	0.01	2.8	0.1	<0.05	5	<0.5	<0.2
1031851	Soil	6	27	0.96	254	0.142	2	1.54	0.015	0.17	0.1	<0.01	2.2	<0.1	<0.05	4	0.7	<0.2
1031869	Soil	11	27	0.59	215	0.064	2	1.22	0.013	0.05	0.2	0.05	4.7	<0.1	<0.05	4	0.7	<0.2
1031872	Soil	10	22	0.42	194	0.050	<1	1.01	0.015	0.04	0.1	0.04	2.6	<0.1	<0.05	3	<0.5	<0.2
1031867	Soil	13	24	0.45	267	0.044	1	1.14	0.011	0.05	0.1	0.02	4.4	<0.1	<0.05	3	0.7	<0.2
1031865	Soil	3	38	2.32	228	0.169	2	3.23	0.006	0.16	0.2	0.01	4.2	<0.1	<0.05	9	1.4	<0.2
1031866	Soil	6	22	0.36	229	0.040	<1	1.19	0.007	0.05	0.2	0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1031864	Soil	3	41	2.29	261	0.186	1	3.32	0.006	0.20	0.2	0.01	4.5	<0.1	<0.05	10	1.2	<0.2
1029698	Soil	5	20	0.79	237	0.111	2	1.72	0.009	0.40	0.1	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1028532	Soil	7	12	0.73	146	0.049	<1	1.81	0.007	0.06	<0.1	0.01	2.1	<0.1	<0.05	6	<0.5	<0.2
1031927	Soil	17	29	0.62	466	0.045	<1	1.28	0.013	0.08	0.2	0.06	6.1	<0.1	<0.05	4	0.7	<0.2
1031874	Soil	5	13	1.03	240	0.157	1	1.83	0.014	0.68	<0.1	0.03	2.2	0.1	<0.05	7	0.6	<0.2

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000266.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1028528	Soil	<0.1	14.2	2.0	35	<0.1	7.2	6.7	288	2.26	1.0	0.4	<0.5	1.7	107	<0.1	0.1	<0.1	38	1.38	0.073
REP 1028528	QC	<0.1	15.4	2.0	37	<0.1	7.8	6.9	290	2.34	0.9	0.4	<0.5	1.7	107	<0.1	<0.1	<0.1	42	1.44	0.075
1028538	Soil	0.5	19.6	4.7	86	<0.1	21.0	17.1	795	4.39	3.3	0.5	0.6	2.3	89	<0.1	0.2	<0.1	79	1.20	0.084
REP 1028538	QC	0.5	20.0	4.8	87	<0.1	20.9	17.3	784	4.40	3.3	0.5	1.1	2.4	87	<0.1	0.1	<0.1	80	1.18	0.081
1028523	Soil	0.3	56.8	3.6	81	<0.1	15.3	14.2	574	3.78	1.3	0.4	<0.5	2.4	170	<0.1	0.2	0.6	71	1.00	0.130
REP 1028523	QC	0.2	57.1	3.7	84	<0.1	15.4	13.9	574	3.82	1.6	0.4	<0.5	2.5	165	0.1	0.2	0.5	71	0.99	0.123
1023867	Soil	0.4	20.2	4.7	89	<0.1	14.8	12.6	654	4.03	6.1	0.6	1.2	2.2	35	<0.1	0.3	<0.1	84	0.79	0.267
REP 1023867	QC	0.4	19.3	4.5	88	<0.1	14.3	11.8	631	3.87	6.1	0.6	0.6	2.2	35	<0.1	0.3	<0.1	82	0.80	0.276
1020524	Soil	0.8	22.0	9.0	39	<0.1	12.4	5.5	195	2.24	7.0	1.1	3.7	3.9	21	<0.1	0.4	0.2	51	0.23	0.031
REP 1020524	QC	0.8	21.9	8.9	39	<0.1	12.2	5.4	194	2.19	7.0	1.1	2.7	3.8	20	<0.1	0.4	0.2	51	0.23	0.031
1029676	Soil	0.6	8.8	4.0	88	<0.1	9.0	10.0	557	3.62	5.6	0.4	0.6	4.0	30	<0.1	0.3	<0.1	81	0.42	0.128
REP 1029676	QC	0.6	8.8	4.2	90	<0.1	8.5	9.8	556	3.64	5.3	0.4	<0.5	4.0	30	<0.1	0.3	<0.1	80	0.41	0.124
1029687	Soil	0.4	9.4	4.5	76	<0.1	17.1	13.4	497	3.11	4.3	0.6	<0.5	7.3	198	<0.1	0.2	<0.1	75	0.99	0.298
REP 1029687	QC	0.4	8.9	4.4	74	<0.1	16.3	13.2	481	3.02	4.4	0.7	0.6	7.0	200	<0.1	0.2	<0.1	71	0.96	0.301
1029851	Soil	1.6	96.5	3.8	65	<0.1	30.7	26.7	576	4.77	3.9	0.5	0.6	2.0	34	<0.1	0.2	<0.1	123	0.51	0.079
REP 1029851	QC	1.6	94.9	3.7	64	<0.1	29.1	25.8	561	4.61	4.1	0.5	0.6	2.0	35	<0.1	0.2	<0.1	120	0.54	0.086
1031945	Soil	0.5	51.2	4.0	75	<0.1	31.0	22.5	555	4.24	4.3	1.0	1.2	5.0	55	<0.1	0.3	<0.1	104	0.46	0.033
REP 1031945	QC	0.5	51.5	4.0	76	<0.1	30.5	22.7	550	4.24	4.7	1.0	0.9	5.0	54	<0.1	0.3	<0.1	105	0.47	0.032
1031933	Soil	0.8	34.7	5.3	58	<0.1	16.9	11.7	253	2.86	7.3	0.4	58.3	2.4	12	<0.1	0.5	<0.1	66	0.26	0.052
REP 1031933	QC	0.7	34.1	5.5	58	<0.1	17.7	11.7	254	2.86	7.3	0.4	1.1	2.2	13	0.1	0.5	<0.1	67	0.27	0.052
1031941	Soil	1.3	23.0	7.0	43	<0.1	18.9	10.7	266	2.91	6.0	0.6	54.3	4.5	19	<0.1	0.6	0.1	64	0.37	0.024
REP 1031941	QC	1.4	24.2	7.1	45	<0.1	20.1	11.7	281	3.10	6.5	0.6	2.0	4.7	20	<0.1	0.6	0.1	69	0.39	0.024
1031928	Soil	0.4	22.3	3.1	54	<0.1	11.7	17.9	1019	4.03	3.7	0.4	4.0	0.7	110	0.1	0.7	<0.1	40	6.64	0.080
REP 1031928	QC	0.4	23.4	3.3	56	<0.1	13.5	19.0	1043	4.15	3.6	0.4	4.4	0.7	114	0.2	0.7	<0.1	43	6.72	0.082
1031877	Soil	0.7	29.8	6.3	42	<0.1	15.5	10.0	227	2.43	4.8	0.4	0.8	1.9	27	0.1	0.4	0.1	65	0.43	0.036
REP 1031877	QC	0.8	29.2	5.8	39	<0.1	14.4	9.3	215	2.36	4.5	0.3	<0.5	1.8	24	0.2	0.4	0.1	63	0.40	0.032
1031855	Soil	0.8	37.6	4.5	73	<0.1	21.2	13.4	266	3.46	18.4	0.6	2.9	3.7	12	<0.1	0.4	0.1	98	0.18	0.021
REP 1031855	QC	0.8	36.7	4.3	71	<0.1	20.8	12.7	264	3.42	18.1	0.6	2.3	3.7	12	<0.1	0.4	<0.1	98	0.18	0.020

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000266.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1028528	Soil	5	6	0.67	294	0.080	<1	2.69	0.020	0.37	<0.1	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
REP 1028528	QC	5	7	0.69	303	0.086	<1	2.85	0.021	0.37	<0.1	<0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1028538	Soil	7	22	1.51	344	0.262	<1	4.02	0.023	0.47	0.1	<0.01	4.1	0.1	<0.05	13	<0.5	<0.2
REP 1028538	QC	7	22	1.49	341	0.266	<1	3.82	0.021	0.50	0.2	<0.01	4.0	0.1	<0.05	14	<0.5	<0.2
1028523	Soil	9	20	1.34	372	0.180	<1	2.89	0.026	0.30	0.3	<0.01	4.1	<0.1	<0.05	9	0.6	<0.2
REP 1028523	QC	9	21	1.27	374	0.178	<1	2.81	0.024	0.30	0.5	<0.01	4.0	<0.1	<0.05	9	<0.5	<0.2
1023867	Soil	11	20	1.15	259	0.152	<1	1.95	0.025	0.71	<0.1	0.02	5.5	0.1	<0.05	8	<0.5	<0.2
REP 1023867	QC	12	19	1.13	256	0.145	<1	1.82	0.024	0.71	<0.1	0.01	5.4	0.1	<0.05	8	<0.5	<0.2
1020524	Soil	17	28	0.39	268	0.052	<1	1.41	0.011	0.04	0.2	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
REP 1020524	QC	16	27	0.39	266	0.049	1	1.41	0.011	0.04	0.1	0.04	4.8	<0.1	<0.05	5	0.6	<0.2
1029676	Soil	12	14	0.90	392	0.108	<1	2.22	0.008	0.50	<0.1	<0.01	4.0	0.1	<0.05	9	<0.5	<0.2
REP 1029676	QC	12	15	0.91	398	0.109	<1	2.20	0.008	0.50	<0.1	<0.01	3.9	0.1	<0.05	8	<0.5	<0.2
1029687	Soil	18	28	1.03	313	0.110	<1	1.91	0.028	0.66	<0.1	<0.01	2.7	0.2	<0.05	8	<0.5	<0.2
REP 1029687	QC	18	27	1.00	311	0.108	<1	1.85	0.028	0.66	0.1	<0.01	2.5	0.2	<0.05	7	<0.5	<0.2
1029851	Soil	8	55	2.32	307	0.286	<1	2.98	0.010	0.72	<0.1	<0.01	3.2	0.1	<0.05	9	<0.5	<0.2
REP 1029851	QC	8	54	2.24	300	0.290	<1	2.97	0.011	0.70	<0.1	<0.01	3.2	0.2	<0.05	9	<0.5	<0.2
1031945	Soil	19	44	1.81	325	0.284	<1	3.03	0.021	0.24	<0.1	0.01	5.7	0.1	<0.05	9	<0.5	<0.2
REP 1031945	QC	18	44	1.74	329	0.282	<1	2.92	0.019	0.25	<0.1	0.01	5.8	0.1	<0.05	9	<0.5	<0.2
1031933	Soil	7	27	0.70	163	0.125	<1	1.54	0.015	0.20	0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
REP 1031933	QC	8	28	0.69	162	0.134	<1	1.52	0.015	0.20	0.2	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1031941	Soil	10	38	0.62	133	0.081	1	1.69	0.009	0.09	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
REP 1031941	QC	10	41	0.64	143	0.089	1	1.80	0.010	0.09	0.1	0.01	4.8	<0.1	<0.05	6	<0.5	<0.2
1031928	Soil	4	7	0.85	628	0.002	4	0.42	0.009	0.08	0.3	0.06	11.4	<0.1	<0.05	<1	<0.5	<0.2
REP 1031928	QC	4	7	0.89	651	0.002	5	0.44	0.009	0.08	0.3	0.05	12.2	<0.1	<0.05	<1	<0.5	<0.2
1031877	Soil	8	26	0.53	199	0.063	<1	1.63	0.014	0.07	0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
REP 1031877	QC	7	25	0.52	188	0.054	<1	1.50	0.013	0.07	0.2	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1031855	Soil	8	30	1.13	361	0.130	2	1.84	0.012	0.41	0.1	0.02	7.9	0.1	<0.05	6	1.2	<0.2
REP 1031855	QC	8	30	1.15	355	0.128	2	1.80	0.012	0.41	<0.1	0.02	7.7	<0.1	<0.05	6	<0.5	<0.2

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000266.2

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard	13.2	119.8	124.4	333	1.7	38.8	8.0	602	2.46	26.6	2.9	105.2	7.6	67	2.8	6.1	7.1	41	0.64	0.080
STD DS8	Standard	12.5	117.1	118.5	310	1.7	38.3	7.7	590	2.35	25.4	2.9	115.1	7.4	66	2.5	6.0	6.7	41	0.65	0.078
STD DS8	Standard	13.5	117.4	133.1	336	1.8	39.8	7.9	616	2.49	27.9	3.1	115.6	7.4	71	2.8	6.7	7.6	42	0.70	0.089
STD DS8	Standard	14.0	119.8	124.6	333	1.9	40.8	8.0	652	2.63	29.3	2.9	115.5	7.7	75	2.7	6.5	7.2	44	0.75	0.086
STD DS8	Standard	12.2	113.7	124.8	319	1.6	37.7	7.4	604	2.42	26.1	2.7	105.0	7.1	64	2.7	6.1	7.0	40	0.66	0.081
STD DS8	Standard	12.7	116.0	120.5	330	1.9	37.8	7.6	633	2.60	27.8	3.0	125.7	7.1	72	2.4	6.4	6.8	43	0.68	0.088
STD DS8	Standard	13.9	116.6	136.1	327	1.9	39.6	7.8	625	2.56	28.3	3.1	117.3	7.5	70	2.3	6.5	7.4	43	0.68	0.077
STD DS8	Standard	13.7	119.0	136.0	334	1.9	41.5	8.0	617	2.50	29.2	3.1	124.8	7.3	72	2.6	6.4	7.5	42	0.68	0.080
STD DS8	Standard	13.8	120.8	134.8	337	1.8	42.2	8.0	633	2.53	29.0	3.1	128.4	7.5	74	2.5	6.4	7.4	43	0.72	0.084
STD DS8	Standard	14.2	121.8	138.4	344	1.9	41.9	8.1	654	2.64	29.6	3.3	118.9	7.8	73	2.5	6.6	7.8	45	0.72	0.081
STD DS8	Standard	14.5	127.7	134.2	345	1.9	41.0	8.1	673	2.63	26.9	3.0	115.2	7.5	72	2.5	6.0	6.6	46	0.73	0.085
STD DS8	Standard	13.8	117.8	122.3	325	1.9	38.4	7.3	604	2.46	25.4	2.9	111.5	7.0	68	2.5	5.7	6.2	43	0.68	0.075
STD DS8	Standard	11.7	102.1	115.8	304	1.6	36.0	7.1	564	2.23	24.6	2.5	96.2	6.1	57	2.0	5.2	6.0	40	0.59	0.074
STD DS8	Standard	12.1	107.3	114.9	302	1.6	35.9	7.2	571	2.32	24.9	2.4	99.2	6.1	58	2.1	5.1	6.0	40	0.64	0.074
STD DS8	Standard	13.5	112.5	122.7	321	1.9	37.9	7.7	639	2.56	27.9	2.9	172.1	6.8	66	2.3	5.9	6.8	43	0.71	0.084
STD DS8	Standard	13.3	112.8	125.0	334	1.8	38.6	7.8	655	2.54	28.1	2.7	108.8	6.7	67	2.2	6.0	6.8	43	0.69	0.084
STD DS8	Standard	12.6	111.5	128.3	315	1.8	37.5	7.6	600	2.39	25.8	2.6	115.3	6.5	58	2.3	5.2	6.5	41	0.65	0.077
STD DS8	Standard	12.7	113.7	129.6	322	1.8	38.6	7.6	615	2.44	27.0	2.7	108.8	6.5	60	2.3	5.5	6.6	42	0.68	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: PED
Report Date: July 19, 2011

QUALITY CONTROL REPORT WHI11000266.2

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS8	Standard	14	116	0.61	298	0.121	2	0.89	0.089	0.40	2.7	0.20	2.1	5.2	0.15	5	5.2	4.9
STD DS8	Standard	14	115	0.59	286	0.123	2	0.87	0.086	0.39	2.8	0.20	2.1	4.9	0.16	4	4.6	4.8
STD DS8	Standard	14	116	0.62	284	0.116	3	0.93	0.094	0.42	3.0	0.21	2.2	5.7	0.16	5	5.3	5.3
STD DS8	Standard	16	119	0.64	291	0.127	2	0.96	0.096	0.46	3.0	0.20	2.5	5.3	0.16	5	5.7	5.4
STD DS8	Standard	13	112	0.60	288	0.118	3	0.84	0.082	0.43	2.8	0.19	2.0	5.0	0.15	4	5.0	5.0
STD DS8	Standard	14	119	0.60	278	0.121	2	0.87	0.085	0.45	2.8	0.19	2.2	5.3	0.16	5	5.7	4.8
STD DS8	Standard	15	118	0.56	287	0.118	1	0.83	0.070	0.41	3.2	0.22	1.9	5.6	0.12	5	5.6	5.2
STD DS8	Standard	15	118	0.59	296	0.120	1	0.85	0.074	0.41	3.1	0.22	2.1	5.7	0.14	5	5.4	5.0
STD DS8	Standard	15	123	0.64	287	0.127	3	0.91	0.082	0.44	3.1	0.22	2.2	5.5	0.18	5	5.9	5.2
STD DS8	Standard	16	125	0.61	301	0.128	2	0.90	0.081	0.42	3.3	0.22	2.2	5.8	0.14	5	5.6	5.5
STD DS8	Standard	15	128	0.65	290	0.132	3	0.94	0.085	0.43	3.2	0.21	2.2	5.8	0.19	5	5.6	5.1
STD DS8	Standard	14	119	0.61	287	0.121	3	0.90	0.080	0.40	3.1	0.22	2.0	5.3	0.17	5	4.9	4.8
STD DS8	Standard	12	108	0.56	252	0.102	3	0.80	0.078	0.38	3.0	0.18	1.8	5.1	0.12	4	5.0	4.8
STD DS8	Standard	13	108	0.58	259	0.105	2	0.81	0.079	0.39	2.9	0.20	1.8	5.0	0.12	4	5.3	4.9
STD DS8	Standard	14	117	0.63	292	0.115	4	0.91	0.091	0.43	3.1	0.20	2.1	5.3	0.19	5	5.7	5.3
STD DS8	Standard	15	119	0.61	291	0.113	2	0.90	0.085	0.42	3.0	0.18	2.0	5.5	0.15	5	5.3	5.0
STD DS8	Standard	12	117	0.60	255	0.108	2	0.87	0.081	0.41	3.0	0.20	2.0	5.5	0.14	4	5.4	4.7
STD DS8	Standard	13	119	0.61	269	0.110	2	0.88	0.078	0.42	3.0	0.19	2.0	5.8	0.12	5	5.5	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 30, 2011
Report Date: July 09, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000369.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-10
P.O. Number
Number of Samples: 143

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	143	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	143	Dry at 60C			WHI
1DX2	143	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Peter Tallman

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 09, 2011

CERTIFICATE OF ANALYSIS WHI11000369.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013290	Soil		0.3	15.0	3.8	83	<0.1	15.7	9.0	788	2.93	3.3	0.4	4.3	4.0	30	<0.1	0.1	<0.1	59	0.51	0.145
1013284	Soil		1.0	34.4	7.2	91	<0.1	23.9	14.9	726	3.97	8.1	0.5	3.7	3.8	43	<0.1	0.3	<0.1	94	0.64	0.171
1013283	Soil		0.7	22.7	6.6	61	<0.1	20.5	10.6	464	3.03	4.9	0.4	14.9	3.2	36	<0.1	0.3	0.1	68	0.41	0.079
1013278	Soil		0.5	28.3	6.5	64	<0.1	27.6	10.9	480	2.87	10.5	0.6	4.5	4.3	34	<0.1	0.5	<0.1	64	0.47	0.109
1013281	Soil		1.3	38.1	7.1	68	0.1	32.2	11.0	460	2.86	11.7	0.6	13.6	5.2	44	<0.1	0.5	0.1	68	0.48	0.088
1013285	Soil		0.7	42.6	10.1	57	<0.1	31.7	11.5	406	2.97	10.3	0.6	5.3	4.6	39	<0.1	0.5	0.1	70	0.56	0.077
1013287	Soil		0.4	70.0	3.5	57	<0.1	22.3	12.1	452	3.17	3.9	0.6	7.7	4.0	34	<0.1	<0.1	<0.1	79	0.54	0.178
1013268	Soil		0.5	31.4	6.9	56	0.1	24.0	10.8	405	3.08	8.8	0.8	2.3	4.3	39	<0.1	0.5	0.2	68	0.52	0.114
1013255	Soil		0.4	35.3	2.7	89	<0.1	10.1	12.0	948	3.99	4.0	0.5	1.0	3.3	27	<0.1	0.2	<0.1	99	0.65	0.197
1013270	Soil		1.0	21.9	6.7	90	<0.1	23.3	14.0	686	3.85	6.4	0.6	3.6	2.3	48	<0.1	0.2	<0.1	89	0.65	0.120
1013269	Soil		1.7	46.1	6.8	907	<0.1	25.2	19.2	882	12.00	7.3	0.4	3.2	2.7	51	0.1	0.3	0.1	86	0.66	0.109
1013288	Soil		0.6	28.8	6.9	78	<0.1	27.4	14.5	704	3.57	7.4	0.5	6.7	3.0	66	<0.1	0.4	0.1	82	0.88	0.151
1013261	Soil		0.8	24.9	9.3	52	<0.1	27.0	11.0	406	2.81	11.9	0.6	8.3	5.4	31	<0.1	0.7	0.2	64	0.38	0.019
1013282	Soil		0.7	45.7	7.9	67	<0.1	40.3	13.4	558	3.17	4.8	0.6	4.3	4.9	86	<0.1	0.3	0.1	76	0.69	0.158
1013279	Soil		1.8	15.2	6.8	80	<0.1	19.9	10.0	689	3.31	6.8	0.7	7.4	4.9	115	<0.1	0.3	<0.1	62	0.73	0.089
1013274	Soil		0.7	9.3	9.2	101	<0.1	15.1	12.2	760	3.62	5.8	0.4	5.8	2.6	73	<0.1	0.3	<0.1	79	0.68	0.196
1011977	Soil		3.4	111.8	4.3	52	0.2	8.4	17.4	729	3.56	3.4	0.3	8.4	3.3	25	<0.1	<0.1	0.1	31	0.54	0.119
1013260	Soil		0.8	15.8	9.0	64	<0.1	18.2	11.1	686	3.10	6.8	0.4	1.1	3.8	44	<0.1	0.4	0.1	64	0.56	0.045
1013280	Soil		0.3	10.2	5.6	81	<0.1	12.4	9.6	907	3.01	3.1	0.6	99.8	5.5	54	<0.1	0.2	<0.1	61	0.63	0.155
1013263	Soil		0.5	14.6	9.8	89	<0.1	17.1	11.6	752	3.74	5.8	0.6	<0.5	3.7	228	<0.1	0.3	0.1	65	0.62	0.114
1011976	Soil		2.9	113.8	4.5	50	0.2	8.9	17.4	741	3.47	3.4	0.3	8.2	3.2	26	0.1	<0.1	<0.1	30	0.53	0.114
1013256	Soil		0.8	24.3	8.5	66	<0.1	25.3	10.4	542	3.18	9.2	0.7	1.0	4.3	30	0.1	0.5	0.1	69	0.49	0.052
1013259	Soil		0.8	24.9	7.7	55	<0.1	26.3	10.3	423	2.69	10.3	0.5	5.8	4.7	42	<0.1	0.5	0.1	61	0.55	0.031
1013257	Soil		0.7	18.8	7.2	85	<0.1	24.0	13.1	747	3.88	8.0	0.5	1.8	4.1	43	<0.1	0.5	0.1	88	0.68	0.103
1011980	Soil		0.5	133.6	3.5	88	<0.1	26.8	20.9	918	5.33	3.2	0.4	4.5	1.8	36	<0.1	0.1	<0.1	160	0.59	0.112
1011978	Soil		8.8	72.4	11.1	107	0.2	40.6	11.6	306	5.51	46.3	0.9	2.6	5.2	37	<0.1	0.2	0.1	63	0.34	0.107
1013265	Soil		0.2	68.6	9.1	77	<0.1	23.9	14.7	797	4.06	3.4	0.6	2.7	2.6	77	<0.1	0.1	<0.1	97	0.80	0.197
1013258	Soil		0.7	24.6	7.5	56	<0.1	22.1	10.2	537	2.63	8.3	0.6	5.0	3.1	79	<0.1	0.6	0.2	58	2.30	0.062
1011981	Soil		0.3	106.0	2.4	70	<0.1	173.6	30.9	821	3.88	1.2	0.3	2.4	0.6	26	<0.1	<0.1	<0.1	108	0.65	0.129
1011979	Soil		9.1	71.5	11.2	106	0.2	41.0	11.2	305	5.61	43.1	0.9	4.2	5.2	38	<0.1	0.2	<0.1	65	0.33	0.105

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 09, 2011

CERTIFICATE OF ANALYSIS WHI11000369.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013290	Soil	18	16	1.07	186	0.120	<1	1.61	0.013	0.36	0.2	<0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1013284	Soil	12	32	1.36	314	0.171	2	2.42	0.018	0.74	1.1	0.02	4.6	0.2	<0.05	9	0.6	<0.2
1013283	Soil	9	36	0.82	339	0.112	<1	1.78	0.013	0.33	0.8	0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1013278	Soil	18	32	0.77	218	0.103	1	1.64	0.014	0.33	0.2	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1013281	Soil	23	36	0.79	195	0.089	2	1.78	0.017	0.23	0.3	0.04	5.0	0.1	<0.05	6	<0.5	<0.2
1013285	Soil	18	40	0.80	246	0.096	2	1.71	0.020	0.13	0.4	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
1013287	Soil	19	39	1.19	173	0.119	1	1.76	0.014	0.45	0.7	<0.01	4.2	0.2	<0.05	8	<0.5	0.3
1013268	Soil	14	33	0.82	159	0.101	2	1.81	0.014	0.25	0.3	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1013255	Soil	15	10	1.29	347	0.223	2	2.06	0.013	1.16	<0.1	<0.01	5.5	0.3	<0.05	9	<0.5	<0.2
1013270	Soil	9	30	1.28	232	0.143	<1	2.46	0.016	0.10	0.2	0.01	4.9	<0.1	<0.05	9	<0.5	<0.2
1013269	Soil	8	34	1.10	219	0.114	1	2.66	0.016	0.12	0.2	<0.01	5.5	<0.1	<0.05	10	<0.5	<0.2
1013288	Soil	12	29	1.34	282	0.127	2	2.16	0.026	0.28	0.4	0.02	4.8	<0.1	<0.05	9	<0.5	<0.2
1013261	Soil	16	35	0.60	325	0.087	2	1.69	0.016	0.09	0.2	0.01	4.9	<0.1	<0.05	5	<0.5	<0.2
1013282	Soil	16	50	1.24	329	0.156	2	2.03	0.021	0.42	0.7	<0.01	4.0	0.2	<0.05	7	<0.5	<0.2
1013279	Soil	16	30	0.89	215	0.086	1	2.36	0.015	0.16	0.4	<0.01	4.3	<0.1	<0.05	9	<0.5	<0.2
1013274	Soil	10	22	1.18	245	0.165	<1	2.40	0.015	0.47	0.1	<0.01	3.6	0.2	<0.05	9	<0.5	<0.2
1011977	Soil	19	11	0.55	411	0.006	<1	1.39	0.007	0.12	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	0.2
1013260	Soil	14	26	0.79	483	0.077	1	1.87	0.015	0.19	0.1	0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
1013280	Soil	18	14	1.04	197	0.134	1	1.89	0.009	0.56	0.2	<0.01	3.3	0.3	<0.05	8	<0.5	0.2
1013263	Soil	19	20	1.09	463	0.066	1	2.06	0.011	0.18	0.1	0.01	4.3	<0.1	<0.05	8	<0.5	<0.2
1011976	Soil	18	10	0.54	403	0.006	<1	1.38	0.007	0.11	<0.1	<0.01	2.7	<0.1	<0.05	6	<0.5	0.2
1013256	Soil	16	32	0.72	345	0.103	2	1.67	0.015	0.36	0.2	0.02	5.8	0.1	<0.05	6	<0.5	<0.2
1013259	Soil	18	29	0.69	368	0.082	2	1.44	0.021	0.09	0.2	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1013257	Soil	19	32	1.11	519	0.106	2	1.98	0.017	0.40	0.1	<0.01	6.4	0.1	<0.05	8	0.7	<0.2
1011980	Soil	8	63	1.92	299	0.221	1	2.57	0.019	0.43	0.1	<0.01	7.9	0.2	<0.05	9	<0.5	0.3
1011978	Soil	20	42	1.23	344	0.143	<1	1.75	0.012	0.99	<0.1	<0.01	2.9	0.5	0.48	7	<0.5	0.5
1013265	Soil	14	37	1.78	154	0.122	<1	2.34	0.012	0.23	0.4	<0.01	5.8	<0.1	<0.05	10	<0.5	<0.2
1013258	Soil	14	26	0.76	509	0.069	2	1.44	0.022	0.11	0.2	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1011981	Soil	4	311	3.61	188	0.086	<1	2.63	0.018	0.09	<0.1	<0.01	8.6	<0.1	<0.05	9	0.6	<0.2
1011979	Soil	20	42	1.23	326	0.149	<1	1.79	0.011	1.02	<0.1	<0.01	2.9	0.5	0.52	7	1.0	0.6

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Project: PED
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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013254	Soil	0.5	32.8	3.1	96	<0.1	11.7	12.8	998	4.23	4.2	0.5	1.4	3.3	29	<0.1	0.2	<0.1	106	0.69	0.201
1013286	Soil	0.5	41.1	8.6	77	<0.1	29.9	13.9	573	3.67	8.8	0.8	6.3	4.0	63	<0.1	0.4	0.1	88	0.62	0.128
1014000	Soil	3.6	49.0	37.0	113	0.2	15.0	8.6	581	2.36	6.7	1.1	6.7	23.3	20	0.2	0.9	1.4	24	0.12	0.043
1013916	Soil	0.4	3.0	5.4	58	<0.1	5.5	7.8	859	2.54	1.6	0.4	1.8	5.4	25	<0.1	0.2	<0.1	42	0.53	0.158
1013913	Soil	0.5	4.0	4.3	139	<0.1	7.4	17.7	1324	5.96	2.8	0.3	<0.5	1.2	60	<0.1	0.1	<0.1	122	1.12	0.285
1013919	Soil	0.7	12.3	9.1	101	<0.1	12.2	13.4	966	4.27	5.5	0.8	0.6	3.1	41	<0.1	0.3	<0.1	95	0.49	0.118
1013904	Soil	1.9	41.1	5.7	57	<0.1	27.1	13.1	916	3.81	4.0	0.5	<0.5	3.1	69	0.1	0.2	<0.1	97	0.62	0.123
1013912	Soil	0.7	7.5	6.1	106	<0.1	6.9	14.2	1268	4.67	2.7	0.4	8.0	2.2	50	<0.1	0.2	<0.1	96	0.82	0.204
1013917	Soil	0.2	2.7	5.1	69	<0.1	4.0	9.4	1065	3.22	2.6	0.2	1.2	3.0	63	<0.1	0.2	<0.1	63	3.77	0.158
1013918	Soil	0.5	14.4	5.2	121	<0.1	9.3	18.5	1201	5.37	3.3	0.5	<0.5	1.1	43	<0.1	0.2	<0.1	140	0.93	0.242
1013903	Soil	1.0	10.4	7.7	105	<0.1	13.6	11.7	1489	4.08	2.8	0.5	9.2	4.9	60	<0.1	0.2	<0.1	42	0.49	0.130
1013902	Soil	0.4	3.9	19.4	58	<0.1	3.7	6.1	996	2.35	2.5	0.3	3.8	2.5	122	<0.1	0.2	<0.1	36	3.78	0.124
1013915	Soil	0.1	3.0	5.3	64	<0.1	3.5	9.7	791	2.84	2.1	0.2	1.7	2.8	30	<0.1	0.2	<0.1	56	0.83	0.183
1013910	Soil	0.6	11.7	18.7	133	<0.1	11.7	9.5	1049	4.04	2.0	0.5	6.3	3.5	43	0.2	0.3	<0.1	53	0.51	0.168
1010434	Soil	0.5	5.3	7.0	125	<0.1	7.5	14.0	1438	4.78	3.1	0.3	<0.5	2.1	39	<0.1	0.2	<0.1	88	0.87	0.298
1013901	Soil	1.9	6.9	9.1	67	0.2	5.9	6.7	728	2.93	3.4	0.4	1.3	5.0	35	<0.1	0.3	0.6	48	0.47	0.120
1013914	Soil	0.3	4.3	2.7	114	<0.1	5.2	13.1	1264	4.87	2.0	0.3	1.4	2.1	49	<0.1	<0.1	<0.1	94	0.90	0.273
1013920	Soil	0.8	8.1	7.0	96	<0.1	14.4	11.5	537	3.81	5.8	0.3	0.9	1.5	25	<0.1	0.3	<0.1	85	0.34	0.100
1011989	Soil	0.2	1.4	5.0	73	<0.1	2.7	8.5	1149	3.31	5.0	0.1	0.7	2.6	140	<0.1	0.3	<0.1	76	2.81	0.133
1013907	Soil	0.2	4.4	2.6	48	<0.1	12.6	8.8	726	2.86	0.9	0.1	1.4	4.8	80	<0.1	<0.1	<0.1	27	3.06	0.142
1011983	Soil	0.3	4.0	2.4	90	<0.1	4.3	8.8	1334	3.60	2.9	0.2	0.8	3.0	25	<0.1	<0.1	<0.1	55	0.65	0.201
1011987	Soil	0.5	8.0	4.6	107	<0.1	9.4	14.3	854	4.75	4.2	0.2	1.4	1.1	26	<0.1	0.1	<0.1	107	0.48	0.116
1011988	Soil	0.5	6.1	5.3	88	<0.1	11.5	10.9	614	3.99	6.4	0.4	2.3	2.4	29	<0.1	0.1	<0.1	86	0.56	0.124
1013906	Soil	0.5	6.4	5.3	118	<0.1	10.1	16.9	1104	4.65	4.2	0.2	1.0	1.0	27	<0.1	0.2	<0.1	94	0.57	0.170
1011984	Soil	0.2	2.9	4.3	67	<0.1	3.3	6.4	851	2.92	4.4	0.1	0.7	4.3	53	<0.1	0.3	<0.1	64	2.23	0.170
1011982	Soil	0.2	2.7	2.7	70	<0.1	2.4	7.8	965	3.07	3.1	0.1	0.9	5.2	37	<0.1	<0.1	<0.1	53	1.36	0.139
1013908	Soil	0.5	11.7	3.4	98	<0.1	13.4	12.5	728	3.85	3.5	0.3	<0.5	2.4	30	<0.1	0.2	<0.1	80	0.54	0.119
1013999	Soil	0.5	3.6	6.5	123	<0.1	6.5	13.1	1284	5.08	4.9	0.5	0.8	1.6	60	<0.1	0.2	<0.1	95	0.89	0.269
1013909	Soil	0.5	6.3	5.7	141	<0.1	7.5	15.0	1719	6.10	3.9	0.6	1.7	5.1	70	<0.1	0.2	<0.1	114	0.97	0.291
1011985	Soil	0.6	7.4	7.8	118	<0.1	7.8	11.0	1795	4.92	10.4	0.3	0.5	3.3	27	0.1	0.6	<0.1	98	0.65	0.176

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Project: PED
Report Date: July 09, 2011

CERTIFICATE OF ANALYSIS WHI11000369.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013254	Soil		15	12	1.32	373	0.222	1	2.15	0.015	1.11	<0.1	<0.01	6.0	0.3	<0.05	9	<0.5	<0.2
1013286	Soil		15	39	1.18	299	0.135	<1	2.22	0.019	0.24	0.5	0.02	6.4	0.1	<0.05	8	<0.5	<0.2
1014000	Soil		41	21	0.21	778	0.009	<1	1.63	0.010	0.14	<0.1	0.01	2.9	0.1	<0.05	3	<0.5	<0.2
1013916	Soil		31	7	0.37	503	0.016	<1	1.12	0.008	0.09	0.2	0.01	6.4	<0.1	<0.05	5	<0.5	<0.2
1013913	Soil		5	11	2.38	526	0.107	1	2.91	0.015	0.37	<0.1	<0.01	7.9	<0.1	<0.05	13	<0.5	<0.2
1013919	Soil		11	23	1.34	340	0.207	<1	2.49	0.015	0.66	0.1	0.01	5.2	0.2	<0.05	10	<0.5	<0.2
1013904	Soil		8	58	1.67	141	0.156	<1	2.71	0.022	0.09	0.6	<0.01	4.6	<0.1	<0.05	11	<0.5	<0.2
1013912	Soil		10	13	1.49	338	0.097	<1	2.76	0.011	0.13	0.3	<0.01	6.6	<0.1	<0.05	11	<0.5	<0.2
1013917	Soil		23	6	0.50	357	0.014	<1	1.50	0.008	0.12	0.1	<0.01	5.6	<0.1	<0.05	7	<0.5	<0.2
1013918	Soil		5	14	1.70	490	0.192	<1	2.98	0.020	0.73	<0.1	<0.01	5.6	0.2	<0.05	11	<0.5	<0.2
1013903	Soil		32	16	0.42	2203	0.007	<1	1.56	0.010	0.12	0.2	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1013902	Soil		16	6	0.49	1092	0.004	<1	1.09	0.007	0.10	0.5	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1013915	Soil		38	3	0.43	412	0.023	<1	1.23	0.006	0.20	0.2	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
1013910	Soil		19	10	0.59	1323	0.031	<1	1.53	0.010	0.17	<0.1	0.01	5.6	<0.1	<0.05	5	<0.5	<0.2
1010434	Soil		12	11	1.49	480	0.061	<1	2.46	0.011	0.21	<0.1	0.01	6.3	<0.1	<0.05	11	<0.5	<0.2
1013901	Soil		12	10	0.68	884	0.004	<1	1.64	0.006	0.06	<0.1	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1013914	Soil		14	8	1.63	658	0.087	<1	2.56	0.013	0.46	0.1	<0.01	7.2	<0.1	<0.05	10	<0.5	<0.2
1013920	Soil		4	21	1.05	274	0.160	<1	2.59	0.013	0.28	<0.1	<0.01	2.6	0.1	<0.05	8	<0.5	<0.2
1011989	Soil		22	3	0.75	497	0.063	<1	1.21	0.006	0.55	<0.1	<0.01	7.8	<0.1	<0.05	5	<0.5	<0.2
1013907	Soil		39	6	0.77	1955	0.002	<1	1.33	0.006	0.11	<0.1	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1011983	Soil		23	7	0.79	549	0.071	3	1.62	0.010	0.45	<0.1	0.01	5.9	<0.1	<0.05	8	<0.5	<0.2
1011987	Soil		6	13	1.63	459	0.287	<1	2.87	0.020	0.75	<0.1	<0.01	3.0	0.2	<0.05	9	<0.5	<0.2
1011988	Soil		8	18	1.04	334	0.126	<1	2.11	0.012	0.44	<0.1	0.02	4.6	0.1	<0.05	8	<0.5	<0.2
1013906	Soil		4	16	1.64	180	0.120	1	2.84	0.022	0.13	0.2	<0.01	4.2	<0.1	<0.05	11	<0.5	<0.2
1011984	Soil		30	4	0.38	426	0.050	<1	0.84	0.007	0.37	<0.1	0.01	8.2	<0.1	<0.05	3	<0.5	<0.2
1011982	Soil		29	4	0.65	559	0.089	<1	1.38	0.009	0.61	<0.1	0.01	4.8	0.1	<0.05	7	<0.5	<0.2
1013908	Soil		6	17	1.16	261	0.173	<1	2.37	0.024	0.25	<0.1	<0.01	2.6	<0.1	<0.05	8	<0.5	<0.2
1013999	Soil		5	10	1.33	278	0.010	<1	2.69	0.008	0.08	<0.1	0.01	7.4	<0.1	<0.05	11	<0.5	<0.2
1013909	Soil		22	12	1.79	491	0.022	<1	3.03	0.013	0.13	<0.1	<0.01	8.8	<0.1	<0.05	13	<0.5	<0.2
1011985	Soil		40	6	0.37	524	0.036	2	0.97	0.012	0.24	<0.1	0.03	9.0	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 09, 2011

CERTIFICATE OF ANALYSIS WHI11000369.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013911	Soil		0.6	6.4	3.8	101	<0.1	9.0	13.1	844	4.46	4.6	0.2	<0.5	1.3	34	<0.1	0.2	<0.1	89	0.77	0.185
1013998	Soil		0.5	2.8	5.3	106	<0.1	4.7	11.4	1443	4.76	4.2	0.2	<0.5	1.8	41	<0.1	<0.1	<0.1	90	0.85	0.263
1013905	Soil		0.7	7.2	4.3	105	<0.1	9.1	13.2	1133	4.58	2.9	0.4	1.2	1.6	54	<0.1	0.1	<0.1	88	0.79	0.243
1011986	Soil		0.3	1.6	4.6	88	<0.1	5.1	10.2	790	3.55	5.0	0.2	<0.5	4.5	30	<0.1	0.2	<0.1	49	1.45	0.138
1015034	Soil		0.2	119.0	2.0	72	0.3	14.4	27.6	614	5.18	1.3	0.3	36.0	2.0	20	<0.1	<0.1	<0.1	124	0.67	0.076
1015033	Soil		1.0	134.5	3.0	45	<0.1	21.3	32.2	460	6.65	1.3	0.5	9.8	3.0	24	<0.1	<0.1	<0.1	129	0.45	0.080
1015031	Soil		0.5	8.5	5.5	76	<0.1	9.0	10.1	1103	3.99	3.1	0.4	19.5	7.4	36	0.1	0.2	<0.1	74	0.56	0.194
1015036	Soil		2.1	72.7	15.5	158	0.2	21.8	12.8	741	4.12	6.5	1.2	1.8	4.9	30	0.2	0.2	<0.1	127	0.47	0.087
1010327	Soil		1.2	27.0	6.2	70	<0.1	18.0	13.4	508	3.44	7.4	0.4	1.1	2.1	30	<0.1	0.3	<0.1	90	0.51	0.133
1015032	Soil		0.7	104.7	2.8	42	<0.1	24.3	31.0	495	6.24	1.0	0.5	8.8	2.9	23	<0.1	<0.1	<0.1	119	0.45	0.082
1010311	Soil		1.2	10.0	11.7	103	<0.1	10.8	14.0	711	5.01	10.1	0.3	0.7	2.2	24	<0.1	0.4	<0.1	120	0.40	0.107
1010329	Soil		1.8	52.1	6.6	113	<0.1	15.0	20.6	782	5.19	4.3	0.6	<0.5	2.6	25	<0.1	0.2	<0.1	87	0.30	0.146
1010312	Soil		0.7	16.4	8.9	74	<0.1	18.2	10.7	544	3.42	7.5	0.8	4.2	4.8	29	<0.1	0.4	<0.1	70	0.43	0.077
1010328	Soil		1.4	44.2	8.4	70	<0.1	23.3	13.0	479	3.23	4.7	0.3	0.7	2.5	24	<0.1	0.2	<0.1	89	0.42	0.126
1015030	Soil		0.5	9.0	5.7	79	<0.1	9.9	10.4	1060	3.99	3.6	0.4	2.6	7.2	35	<0.1	0.2	<0.1	78	0.54	0.186
1015035	Soil		1.3	33.9	6.3	80	<0.1	11.0	14.3	580	3.87	5.6	0.3	0.9	1.7	37	<0.1	0.2	<0.1	92	0.72	0.182
1010306	Soil		0.8	13.0	9.0	67	<0.1	17.5	10.6	364	3.18	6.9	0.5	2.9	3.1	26	<0.1	0.3	0.1	80	0.39	0.060
1010313	Soil		0.7	10.4	11.5	86	<0.1	13.4	10.7	513	3.70	7.0	0.4	4.0	4.6	22	0.1	0.4	0.2	65	0.40	0.105
1010310	Soil		0.9	18.6	9.4	75	<0.1	18.2	14.2	480	3.89	11.1	0.6	4.2	4.8	20	<0.1	0.6	0.2	77	0.24	0.052
1010330	Soil		0.6	19.5	7.2	58	<0.1	12.2	8.6	411	2.86	6.0	0.7	1.7	5.6	14	<0.1	0.3	0.1	49	0.12	0.031
1010314	Soil		1.0	6.1	7.4	85	<0.1	7.2	12.3	760	4.19	6.6	0.3	4.7	2.8	20	<0.1	0.3	<0.1	78	0.31	0.136
1010304	Soil		0.8	16.2	9.6	71	0.1	17.3	13.5	773	3.40	8.5	0.9	1.4	3.8	33	0.2	0.4	0.2	66	0.43	0.095
1010315	Soil		0.4	10.4	6.7	80	<0.1	16.8	12.8	634	3.80	7.4	0.6	1.1	3.9	26	<0.1	0.2	0.1	76	0.48	0.100
1010308	Soil		1.0	9.3	9.2	53	<0.1	11.7	7.3	231	3.13	9.8	0.4	1.9	2.6	16	0.1	0.3	0.2	76	0.20	0.042
1010323	Soil		0.3	22.9	5.4	54	<0.1	254.4	25.7	366	2.44	2.9	0.2	<0.5	0.7	10	<0.1	0.1	<0.1	45	0.29	0.056
1010316	Soil		0.2	95.2	3.4	76	0.1	70.0	51.8	990	7.04	3.1	<0.1	1.6	0.3	65	0.2	<0.1	<0.1	361	3.13	0.025
1010301	Soil		0.8	15.2	10.2	57	<0.1	15.9	7.9	216	2.68	9.2	0.8	3.0	3.1	22	<0.1	0.3	0.2	63	0.27	0.069
1010305	Soil		0.7	18.6	8.7	62	<0.1	19.8	10.7	451	3.02	9.2	1.0	<0.5	4.1	30	<0.1	0.4	0.1	69	0.35	0.048
1010318	Soil		7.8	32.2	81.3	93	<0.1	30.5	12.7	516	3.19	6.5	0.6	1.0	4.1	21	0.2	0.3	0.1	48	0.31	0.110
1010317	Soil		0.2	118.6	3.5	75	0.1	77.0	55.1	1022	7.40	3.2	0.1	1.5	0.4	47	0.2	<0.1	<0.1	376	1.92	0.025

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013911	Soil	4	15	1.44	336	0.105	<1	2.79	0.014	0.29	0.2	<0.01	5.2	<0.1	<0.05	10	<0.5	<0.2
1013998	Soil	15	8	1.03	622	0.059	2	1.88	0.010	0.43	<0.1	<0.01	8.4	<0.1	<0.05	9	<0.5	<0.2
1013905	Soil	5	17	1.41	351	0.122	<1	2.52	0.021	0.24	0.4	<0.01	4.9	<0.1	<0.05	11	<0.5	<0.2
1011986	Soil	25	4	0.40	514	0.009	<1	1.24	0.006	0.14	<0.1	0.02	5.3	<0.1	<0.05	8	<0.5	<0.2
1015034	Soil	10	15	1.68	162	0.063	<1	2.83	0.010	0.11	<0.1	0.03	15.5	<0.1	<0.05	13	<0.5	<0.2
1015033	Soil	11	44	2.07	490	0.132	<1	3.63	0.019	0.73	<0.1	<0.01	14.0	0.3	<0.05	13	0.6	<0.2
1015031	Soil	20	13	0.88	898	0.012	<1	2.04	0.008	0.13	<0.1	<0.01	5.4	<0.1	<0.05	7	<0.5	<0.2
1015036	Soil	14	41	1.49	290	0.274	<1	3.90	0.066	0.71	<0.1	0.02	5.4	0.5	<0.05	12	<0.5	<0.2
1010327	Soil	5	30	1.08	256	0.171	<1	2.43	0.022	0.32	0.2	0.01	2.8	0.2	<0.05	8	<0.5	<0.2
1015032	Soil	10	55	2.03	445	0.114	<1	3.42	0.017	0.68	<0.1	<0.01	12.9	0.3	<0.05	13	<0.5	<0.2
1010311	Soil	7	21	1.16	171	0.129	<1	2.50	0.021	0.13	<0.1	0.01	4.7	<0.1	<0.05	11	<0.5	<0.2
1010329	Soil	8	18	1.60	201	0.018	<1	3.53	0.008	0.16	0.1	0.01	4.4	<0.1	<0.05	10	<0.5	<0.2
1010312	Soil	22	26	0.62	348	0.056	<1	1.76	0.015	0.09	<0.1	0.03	6.6	<0.1	<0.05	6	0.7	<0.2
1010328	Soil	5	50	1.28	126	0.172	<1	2.39	0.026	0.34	0.3	<0.01	2.6	0.2	<0.05	9	<0.5	<0.2
1015030	Soil	19	14	0.92	839	0.013	<1	2.18	0.007	0.13	<0.1	0.01	5.2	<0.1	<0.05	8	<0.5	<0.2
1015035	Soil	4	17	1.06	298	0.206	<1	2.61	0.039	0.35	0.2	0.01	2.6	0.1	<0.05	8	<0.5	<0.2
1010306	Soil	12	28	0.74	264	0.070	<1	2.17	0.015	0.05	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
1010313	Soil	15	21	0.59	502	0.019	2	2.03	0.016	0.07	0.1	0.03	4.5	<0.1	0.06	6	<0.5	<0.2
1010310	Soil	10	30	0.71	311	0.047	2	2.57	0.010	0.05	0.1	0.04	4.1	<0.1	<0.05	7	0.6	<0.2
1010330	Soil	9	22	0.59	169	0.025	<1	1.97	0.009	0.08	<0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1010314	Soil	8	16	0.74	138	0.014	<1	2.16	0.009	0.06	<0.1	<0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
1010304	Soil	22	27	0.54	837	0.024	<1	2.13	0.011	0.06	0.1	0.05	5.6	<0.1	<0.05	7	<0.5	<0.2
1010315	Soil	13	26	1.07	412	0.047	1	2.26	0.015	0.06	<0.1	0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1010308	Soil	10	25	0.55	188	0.066	2	1.78	0.008	0.04	0.1	0.02	2.2	<0.1	<0.05	7	<0.5	<0.2
1010323	Soil	2	503	2.64	155	0.069	1	2.11	0.005	0.03	<0.1	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
1010316	Soil	2	52	7.25	209	0.172	2	4.89	0.010	0.11	<0.1	0.01	32.7	<0.1	<0.05	12	<0.5	<0.2
1010301	Soil	14	29	0.52	232	0.053	2	1.84	0.011	0.04	0.2	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1010305	Soil	20	34	0.68	366	0.062	2	2.16	0.011	0.05	0.1	0.04	5.4	<0.1	<0.05	7	<0.5	<0.2
1010318	Soil	17	33	0.56	561	0.022	1	1.89	0.008	0.10	0.5	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1010317	Soil	2	63	7.57	211	0.197	2	5.15	0.012	0.11	<0.1	0.02	34.2	<0.1	<0.05	12	<0.5	<0.2

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Project: PED
Report Date: July 09, 2011

CERTIFICATE OF ANALYSIS WHI11000369.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010302	Soil		0.9	17.3	8.9	67	<0.1	21.4	13.7	712	3.51	10.9	0.7	1.6	5.2	27	<0.1	0.5	0.2	79	0.38	0.075
1010307	Soil		0.7	16.6	7.0	88	<0.1	13.8	13.4	721	3.78	6.2	0.6	2.5	3.7	31	<0.1	0.3	<0.1	85	0.58	0.128
1010325	Soil		5.9	434.1	4.3	65	0.3	26.5	18.2	450	4.56	25.8	0.3	6.7	1.1	45	0.1	0.3	0.1	74	0.57	0.131
1010320	Soil		1.8	30.5	8.9	66	<0.1	11.7	10.0	896	3.40	8.7	0.5	2.8	4.1	16	0.1	0.3	0.2	71	0.23	0.156
1010303	Soil		0.4	6.6	7.2	149	<0.1	9.4	20.0	1385	6.27	7.7	0.3	1.1	6.4	53	<0.1	1.3	<0.1	124	0.92	0.237
1010309	Soil		1.5	15.6	16.7	62	<0.1	15.6	10.7	528	3.39	11.0	0.8	2.9	5.1	17	0.2	0.4	0.2	81	0.19	0.033
1010412	Soil		0.5	8.4	4.0	86	<0.1	8.5	11.3	652	3.86	2.9	0.2	1.8	2.1	28	<0.1	0.2	<0.1	75	0.46	0.139
1010407	Soil		0.5	6.5	4.2	112	<0.1	7.2	16.0	898	4.11	3.0	0.2	1.9	3.2	33	<0.1	0.1	<0.1	85	0.73	0.234
1010324	Soil		0.5	24.7	5.4	106	<0.1	19.7	19.8	858	5.14	6.7	0.4	3.8	2.4	30	<0.1	0.2	<0.1	113	0.48	0.118
1010326	Soil		2.0	72.4	3.9	149	<0.1	25.6	22.6	1147	6.98	6.0	0.7	1.6	2.3	57	0.1	<0.1	<0.1	144	1.11	0.360
1010413	Soil		0.7	15.6	6.1	90	<0.1	13.6	11.0	692	3.99	5.0	0.7	4.5	3.9	35	<0.1	0.3	<0.1	80	0.56	0.110
1010408	Soil		0.6	64.8	5.9	95	<0.1	7.6	15.0	802	4.25	4.0	0.2	2.3	3.0	28	<0.1	0.1	<0.1	100	0.45	0.174
1010425	Soil		0.4	12.1	4.3	90	<0.1	12.9	11.2	697	3.70	5.2	0.6	1.9	2.8	37	<0.1	0.2	<0.1	75	0.52	0.139
1010322	Soil		1.7	73.0	8.3	100	0.1	25.3	21.0	947	5.94	10.3	0.5	3.6	3.5	23	0.1	0.4	<0.1	126	0.38	0.169
1010411	Soil		0.4	12.6	5.5	103	<0.1	9.6	12.8	858	5.08	4.7	0.7	2.3	5.6	40	<0.1	0.2	<0.1	110	0.75	0.205
1010409	Soil		0.7	9.5	6.5	92	<0.1	10.9	13.2	706	3.91	5.4	0.4	2.3	3.1	24	<0.1	0.3	<0.1	86	0.52	0.175
1010426	Soil		0.3	4.9	2.4	131	<0.1	5.6	14.2	1120	5.05	2.3	0.3	1.5	1.9	50	<0.1	<0.1	<0.1	105	0.94	0.298
1010319	Soil		1.2	26.6	10.8	49	<0.1	19.0	9.7	333	2.86	10.4	1.1	3.8	4.6	28	<0.1	0.4	0.1	67	0.36	0.041
1010414	Soil		0.4	5.7	4.0	74	<0.1	5.2	8.5	594	4.28	5.8	0.5	2.1	7.5	26	<0.1	0.3	<0.1	82	0.67	0.176
1010410	Soil		0.8	14.4	9.4	65	<0.1	17.6	11.7	454	3.29	7.9	0.4	5.3	4.1	25	<0.1	0.4	<0.1	77	0.36	0.086
1010406	Soil		0.6	7.1	4.4	102	<0.1	8.7	15.5	1049	4.16	3.5	0.2	1.0	2.7	20	<0.1	0.2	<0.1	92	0.45	0.201
1010321	Soil		1.9	140.8	6.6	54	0.1	25.1	16.2	452	3.62	6.8	0.8	4.4	5.2	28	<0.1	0.3	0.1	88	0.42	0.063
1010418	Soil		1.0	10.0	8.6	64	<0.1	16.5	9.4	818	2.91	6.0	0.3	0.8	2.2	24	<0.1	0.4	0.2	65	0.30	0.031
1010422	Soil		0.7	7.0	6.1	106	<0.1	10.6	13.4	813	4.25	5.1	0.2	<0.5	1.5	21	<0.1	0.2	<0.1	88	0.40	0.155
1010402	Soil		0.4	24.3	5.3	96	<0.1	34.1	15.5	1035	4.43	3.0	0.8	1.5	6.3	55	<0.1	0.1	<0.1	90	0.73	0.228
1010405	Soil		0.4	8.9	3.4	121	<0.1	8.1	14.5	1080	5.01	2.2	0.6	1.4	1.4	39	<0.1	0.2	<0.1	103	0.73	0.232
1010417	Soil		0.7	6.1	6.3	83	<0.1	9.0	9.9	756	3.88	4.4	0.2	2.2	2.5	101	<0.1	0.2	<0.1	74	0.96	0.119
1010420	Soil		0.8	13.1	6.4	93	<0.1	14.1	11.1	701	3.68	5.8	0.5	<0.5	3.5	23	<0.1	0.3	<0.1	71	0.32	0.090
1010401	Soil		0.5	4.7	3.7	106	<0.1	10.1	16.0	956	4.49	3.8	0.2	<0.5	0.5	22	<0.1	0.1	<0.1	104	0.81	0.250
1010415	Soil		0.6	13.3	6.1	96	<0.1	13.3	13.3	821	4.13	6.1	0.3	1.1	3.2	44	<0.1	0.3	<0.1	86	0.61	0.146

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Project: PED
Report Date: July 09, 2011

CERTIFICATE OF ANALYSIS WHI11000369.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010302	Soil	18	29	0.78	397	0.040	2	2.33	0.010	0.05	<0.1	0.01	5.0	0.1	<0.05	7	<0.5	<0.2
1010307	Soil	15	24	1.06	367	0.110	<1	2.25	0.015	0.17	0.1	0.02	4.1	<0.1	<0.05	8	<0.5	<0.2
1010325	Soil	3	25	0.31	265	0.043	1	2.01	0.012	0.07	0.2	0.01	3.2	<0.1	<0.05	5	0.8	<0.2
1010320	Soil	10	23	0.60	240	0.071	1	1.88	0.010	0.17	0.2	<0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1010303	Soil	10	11	1.13	462	0.004	1	2.81	0.007	0.05	<0.1	<0.01	10.5	<0.1	<0.05	13	<0.5	<0.2
1010309	Soil	12	36	0.58	308	0.064	1	2.27	0.010	0.05	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1010412	Soil	6	15	1.07	278	0.147	<1	2.24	0.014	0.45	<0.1	<0.01	2.5	0.2	<0.05	8	<0.5	<0.2
1010407	Soil	11	15	1.32	282	0.113	<1	2.41	0.019	0.30	<0.1	<0.01	3.2	<0.1	<0.05	9	<0.5	<0.2
1010324	Soil	5	28	1.77	162	0.151	1	3.06	0.020	0.09	0.2	<0.01	3.8	<0.1	<0.05	12	<0.5	<0.2
1010326	Soil	18	31	2.36	512	0.232	2	3.70	0.020	0.80	0.4	<0.01	7.0	0.3	<0.05	15	<0.5	<0.2
1010413	Soil	17	23	1.10	385	0.136	<1	2.48	0.013	0.19	<0.1	0.03	4.6	<0.1	<0.05	9	0.6	<0.2
1010408	Soil	8	14	1.45	263	0.178	<1	2.53	0.011	0.73	<0.1	<0.01	2.7	0.2	<0.05	9	<0.5	<0.2
1010425	Soil	11	21	1.15	386	0.148	<1	2.12	0.013	0.43	<0.1	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
1010322	Soil	8	42	1.70	324	0.155	2	3.74	0.012	0.36	0.3	0.03	6.9	0.1	<0.05	12	<0.5	<0.2
1010411	Soil	23	19	1.17	565	0.124	1	2.67	0.011	0.44	<0.1	0.03	8.0	0.2	<0.05	10	<0.5	<0.2
1010409	Soil	13	20	1.21	307	0.180	1	2.46	0.015	0.49	0.1	0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1010426	Soil	11	10	1.72	514	0.147	<1	2.81	0.016	0.35	<0.1	<0.01	4.7	<0.1	<0.05	11	<0.5	<0.2
1010319	Soil	16	33	0.57	495	0.050	1	1.93	0.018	0.05	0.2	0.04	3.9	<0.1	<0.05	5	0.7	<0.2
1010414	Soil	30	10	0.49	221	0.006	<1	1.49	0.005	0.03	<0.1	<0.01	8.8	<0.1	<0.05	7	<0.5	<0.2
1010410	Soil	9	33	0.84	261	0.111	<1	2.40	0.012	0.17	0.1	0.02	2.5	0.1	0.05	7	<0.5	<0.2
1010406	Soil	7	14	1.41	182	0.176	<1	2.76	0.013	0.72	<0.1	<0.01	2.8	0.2	<0.05	9	<0.5	<0.2
1010321	Soil	26	53	0.89	644	0.071	<1	2.11	0.013	0.12	0.4	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
1010418	Soil	8	27	0.58	399	0.048	<1	1.85	0.011	0.09	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1010422	Soil	4	17	1.32	230	0.173	<1	2.52	0.012	0.61	<0.1	<0.01	2.6	0.1	<0.05	9	<0.5	<0.2
1010402	Soil	15	84	1.64	385	0.044	<1	2.46	0.009	0.25	<0.1	0.01	6.7	<0.1	<0.05	11	<0.5	<0.2
1010405	Soil	10	13	1.58	714	0.143	<1	2.65	0.012	0.55	<0.1	<0.01	6.2	0.1	<0.05	10	<0.5	<0.2
1010417	Soil	10	14	1.25	256	0.028	1	2.84	0.011	0.03	<0.1	0.01	4.1	<0.1	<0.05	10	<0.5	<0.2
1010420	Soil	13	22	1.10	221	0.134	1	2.45	0.015	0.11	0.1	0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1010401	Soil	1	14	1.53	256	0.167	<1	2.63	0.040	0.72	<0.1	0.01	3.9	0.1	<0.05	10	<0.5	<0.2
1010415	Soil	10	20	1.23	276	0.124	<1	2.44	0.014	0.27	0.1	0.01	3.1	<0.1	<0.05	9	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010416	Soil		0.6	4.8	4.6	123	<0.1	10.7	14.6	1038	4.77	4.0	0.2	1.9	0.9	31	<0.1	0.2	<0.1	82	0.55	0.159
1010421	Soil		0.5	6.2	4.3	124	<0.1	8.3	13.6	1190	4.82	3.8	0.3	<0.5	2.2	36	<0.1	0.2	<0.1	101	0.75	0.261
1010424	Soil		0.6	6.6	4.0	119	<0.1	7.7	16.2	1059	4.63	3.6	0.2	<0.5	1.4	30	0.1	0.2	<0.1	97	0.61	0.232
1010403	Soil		0.9	6.9	6.2	98	<0.1	10.5	13.9	794	4.94	7.2	0.2	<0.5	1.3	21	<0.1	0.5	<0.1	117	0.49	0.194
1010432	Soil		0.7	18.6	8.5	48	<0.1	20.7	9.6	247	2.68	8.4	0.6	2.5	3.7	26	<0.1	0.5	0.1	61	0.32	0.041
1010419	Soil		1.1	15.7	9.8	54	<0.1	19.7	9.4	353	2.92	8.8	0.6	1.6	4.0	21	<0.1	0.6	0.2	69	0.23	0.033
1010423	Soil		1.0	10.8	8.0	62	<0.1	16.0	9.1	505	2.82	7.2	0.3	2.1	2.1	23	0.1	0.4	0.1	65	0.28	0.049
1010404	Soil		0.5	48.0	9.3	91	<0.1	37.9	19.7	700	4.59	4.3	0.5	<0.5	2.7	39	<0.1	0.2	<0.1	107	0.57	0.163
1013289	Soil		0.6	58.6	6.5	79	<0.1	21.7	15.6	715	3.85	4.6	0.6	19.4	3.1	69	<0.1	0.3	<0.1	95	0.80	0.189
1013262	Soil		0.6	19.5	4.8	85	<0.1	9.5	10.3	799	3.43	3.4	0.5	0.9	4.6	285	<0.1	0.2	<0.1	63	0.66	0.130
1010427	Soil		0.4	5.3	2.8	101	<0.1	6.4	13.2	918	4.17	3.2	0.3	<0.5	2.0	33	<0.1	0.1	<0.1	93	0.88	0.224
1010433	Soil		0.8	27.9	7.2	88	<0.1	11.2	10.7	774	3.49	5.5	0.3	<0.5	2.4	28	<0.1	0.3	<0.1	75	0.41	0.122
1013267	Soil		1.7	41.5	9.7	62	0.2	23.7	14.5	743	2.92	5.4	0.4	4.1	2.0	25	<0.1	0.3	0.2	79	0.40	0.041
1013266	Soil		0.6	49.6	6.5	59	0.2	25.4	13.3	621	3.37	5.1	0.8	18.3	3.8	168	<0.1	0.3	<0.1	92	0.92	0.107
1010431	Soil		0.4	4.6	5.0	129	<0.1	7.2	14.0	1453	4.86	3.5	0.3	<0.5	2.0	41	<0.1	0.1	<0.1	96	0.91	0.318
1010429	Soil		0.6	14.0	5.5	94	<0.1	14.9	12.9	683	3.87	5.8	0.4	1.4	2.8	33	<0.1	0.3	<0.1	87	0.56	0.132
1013272	Soil		0.6	62.0	5.5	51	0.1	18.7	19.1	332	3.46	5.6	0.4	3.9	2.0	22	<0.1	0.3	<0.1	105	0.39	0.082
1013273	Soil		1.3	15.7	8.9	54	<0.1	20.8	9.9	343	2.84	8.7	0.5	1.9	3.6	33	<0.1	0.5	0.1	66	0.31	0.040
1010428	Soil		0.4	5.4	2.3	105	<0.1	7.3	13.8	873	4.13	2.7	0.2	<0.5	1.0	41	<0.1	0.1	<0.1	96	0.76	0.235
1010435	Soil		0.9	8.6	7.0	90	<0.1	12.3	12.1	732	3.86	6.8	0.2	<0.5	1.8	28	<0.1	0.3	<0.1	84	0.41	0.118
1013271	Soil		0.6	41.2	6.3	40	<0.1	20.5	11.4	254	2.39	6.8	0.5	2.7	2.7	28	<0.1	0.3	0.1	64	0.40	0.043
1013277	Soil		0.8	25.8	9.5	77	<0.1	24.2	12.7	740	3.66	5.9	0.7	5.4	3.9	84	<0.1	0.3	<0.1	82	0.71	0.115
1010430	Soil		0.9	8.8	6.8	81	<0.1	11.9	10.1	777	3.76	4.6	0.3	1.3	4.0	22	<0.1	0.3	<0.1	59	0.37	0.108

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 09, 2011

CERTIFICATE OF ANALYSIS WHI11000369.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010416	Soil	4	15	1.63	304	0.068	<1	2.67	0.011	0.13	<0.1	<0.01	2.9	<0.1	<0.05	10	<0.5	<0.2
1010421	Soil	10	13	1.43	368	0.147	1	2.60	0.013	0.71	<0.1	<0.01	5.2	<0.1	<0.05	10	<0.5	<0.2
1010424	Soil	4	12	1.47	354	0.260	<1	2.69	0.017	0.91	<0.1	<0.01	2.8	0.2	<0.05	10	<0.5	<0.2
1010403	Soil	4	21	1.24	242	0.141	<1	2.94	0.014	0.35	<0.1	<0.01	5.1	0.1	<0.05	10	<0.5	<0.2
1010432	Soil	11	32	0.55	401	0.055	<1	1.82	0.013	0.04	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1010419	Soil	12	35	0.58	380	0.066	<1	1.99	0.011	0.06	<0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1010423	Soil	7	27	0.56	318	0.055	<1	1.74	0.010	0.08	0.1	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
1010404	Soil	8	62	1.69	407	0.185	<1	2.85	0.019	0.25	0.1	0.01	4.6	0.1	<0.05	9	<0.5	<0.2
1013289	Soil	11	31	1.40	260	0.153	2	2.20	0.022	0.48	0.5	0.01	5.2	0.1	<0.05	9	0.5	<0.2
1013262	Soil	12	11	1.06	388	0.067	<1	2.10	0.016	0.23	<0.1	0.01	3.4	<0.1	<0.05	8	0.6	<0.2
1010427	Soil	10	12	1.37	393	0.225	<1	2.33	0.041	0.59	<0.1	0.01	4.8	0.2	<0.05	9	<0.5	<0.2
1010433	Soil	9	21	0.98	335	0.165	<1	2.07	0.010	0.38	0.1	<0.01	2.4	0.1	<0.05	8	<0.5	<0.2
1013267	Soil	7	28	0.59	478	0.052	2	1.86	0.015	0.08	0.3	0.02	3.2	<0.1	<0.05	6	0.5	<0.2
1013266	Soil	14	50	1.36	188	0.148	2	2.41	0.026	0.12	0.6	0.04	5.3	<0.1	<0.05	10	0.6	0.2
1010431	Soil	11	11	1.52	471	0.079	<1	2.46	0.010	0.23	<0.1	<0.01	7.1	<0.1	<0.05	11	<0.5	<0.2
1010429	Soil	10	21	1.24	453	0.214	1	2.23	0.018	0.49	0.1	<0.01	3.1	0.2	<0.05	8	0.6	<0.2
1013272	Soil	9	22	1.57	318	0.131	<1	2.09	0.020	0.13	0.2	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
1013273	Soil	10	33	0.59	309	0.069	1	1.77	0.012	0.10	1.0	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1010428	Soil	5	11	1.54	661	0.277	<1	2.51	0.017	0.70	<0.1	<0.01	2.4	0.2	<0.05	9	<0.5	<0.2
1010435	Soil	6	21	1.16	301	0.154	2	2.57	0.012	0.28	0.1	<0.01	2.8	0.1	<0.05	8	0.5	<0.2
1013271	Soil	8	26	0.82	287	0.100	2	1.38	0.020	0.10	0.2	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1013277	Soil	17	36	1.17	233	0.102	1	2.33	0.015	0.22	0.3	0.01	5.3	<0.1	<0.05	9	<0.5	<0.2
1010430	Soil	16	20	0.87	420	0.029	1	2.14	0.008	0.09	<0.1	0.01	2.8	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 09, 2011

QUALITY CONTROL REPORT WHI11000369.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1013285	Soil	0.7	42.6	10.1	57	<0.1	31.7	11.5	406	2.97	10.3	0.6	5.3	4.6	39	<0.1	0.5	0.1	70	0.56	0.077
REP 1013285	QC	0.8	41.8	10.0	57	<0.1	31.8	11.3	393	2.84	10.2	0.6	4.8	4.4	38	<0.1	0.5	0.1	68	0.54	0.077
1013259	Soil	0.8	24.9	7.7	55	<0.1	26.3	10.3	423	2.69	10.3	0.5	5.8	4.7	42	<0.1	0.5	0.1	61	0.55	0.031
REP 1013259	QC	0.8	25.6	8.0	54	<0.1	26.7	10.4	428	2.80	10.6	0.6	4.9	4.7	41	<0.1	0.6	0.2	61	0.55	0.031
1011978	Soil	8.8	72.4	11.1	107	0.2	40.6	11.6	306	5.51	46.3	0.9	2.6	5.2	37	<0.1	0.2	0.1	63	0.34	0.107
REP 1011978	QC	8.4	70.5	11.2	101	0.2	43.2	11.5	304	5.37	45.8	0.9	2.5	5.1	37	0.1	0.2	0.1	61	0.34	0.108
1013999	Soil	0.5	3.6	6.5	123	<0.1	6.5	13.1	1284	5.08	4.9	0.5	0.8	1.6	60	<0.1	0.2	<0.1	95	0.89	0.269
REP 1013999	QC	0.5	3.9	6.5	121	<0.1	6.7	12.9	1270	5.03	5.2	0.5	0.7	1.6	60	<0.1	0.2	<0.1	95	0.91	0.271
1010312	Soil	0.7	16.4	8.9	74	<0.1	18.2	10.7	544	3.42	7.5	0.8	4.2	4.8	29	<0.1	0.4	<0.1	70	0.43	0.077
REP 1010312	QC	0.7	16.7	9.2	74	<0.1	17.6	10.2	534	3.39	7.6	0.8	2.0	4.8	29	<0.1	0.4	<0.1	70	0.41	0.078
1010310	Soil	0.9	18.6	9.4	75	<0.1	18.2	14.2	480	3.89	11.1	0.6	4.2	4.8	20	<0.1	0.6	0.2	77	0.24	0.052
REP 1010310	QC	0.9	18.7	9.3	76	<0.1	18.3	13.5	463	3.80	11.0	0.7	8.8	4.8	20	<0.1	0.6	0.2	75	0.22	0.055
1010408	Soil	0.6	64.8	5.9	95	<0.1	7.6	15.0	802	4.25	4.0	0.2	2.3	3.0	28	<0.1	0.1	<0.1	100	0.45	0.174
REP 1010408	QC	0.5	64.2	6.1	96	<0.1	7.9	15.1	816	4.30	3.8	0.2	1.9	3.1	29	<0.1	0.2	<0.1	99	0.46	0.191
1010421	Soil	0.5	6.2	4.3	124	<0.1	8.3	13.6	1190	4.82	3.8	0.3	<0.5	2.2	36	<0.1	0.2	<0.1	101	0.75	0.261
REP 1010421	QC	0.5	6.7	4.4	129	<0.1	8.6	14.2	1247	5.02	4.0	0.3	<0.5	2.3	35	<0.1	0.2	<0.1	105	0.72	0.250
Reference Materials																					
STD DS8	Standard	13.4	108.4	122.3	312	1.9	39.7	7.9	607	2.40	27.5	2.5	110.8	6.1	63	2.6	5.9	6.4	42	0.68	0.085
STD DS8	Standard	13.6	109.9	124.9	331	1.7	38.9	7.7	621	2.46	28.1	2.7	132.8	6.5	63	2.6	5.8	6.8	44	0.69	0.084
STD DS8	Standard	12.8	95.6	125.7	311	1.8	37.5	7.6	596	2.42	27.8	2.4	126.7	6.5	60	2.4	5.3	6.3	40	0.67	0.082
STD DS8	Standard	12.9	99.8	122.4	312	1.7	37.3	7.6	603	2.52	28.8	2.4	113.2	6.6	61	2.2	4.9	6.2	43	0.64	0.079
STD DS8	Standard	14.6	111.6	135.5	321	1.8	40.3	8.0	629	2.49	27.8	3.1	113.2	7.4	73	2.3	6.1	7.4	44	0.72	0.079
STD DS8	Standard	14.4	114.4	135.0	325	1.8	41.1	7.8	648	2.48	25.7	3.0	107.0	7.5	70	2.3	5.9	7.1	44	0.70	0.077
STD DS8	Standard	13.4	112.1	127.8	314	1.8	40.2	7.5	612	2.46	25.5	2.7	108.1	6.7	60	2.3	5.5	6.2	44	0.67	0.077
STD DS8	Standard	14.1	111.3	134.4	324	1.8	39.6	7.5	605	2.45	25.6	2.7	117.3	7.0	63	2.3	5.4	6.4	43	0.67	0.077
STD DS8	Standard	13.0	106.9	120.0	308	1.7	38.2	7.4	601	2.42	23.8	2.6	112.7	6.4	57	2.1	4.9	6.2	41	0.64	0.075
STD DS8	Standard	14.4	114.7	129.8	318	1.9	40.4	7.7	616	2.46	25.3	2.7	107.8	7.0	65	2.2	5.5	6.3	43	0.69	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08

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Project: PED
Report Date: July 09, 2011

QUALITY CONTROL REPORT WHI11000369.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1013285	Soil	18	40	0.80	246	0.096	2	1.71	0.020	0.13	0.4	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
REP 1013285	QC	18	38	0.83	241	0.093	2	1.66	0.022	0.13	0.4	0.02	4.8	<0.1	<0.05	5	0.5	<0.2
1013259	Soil	18	29	0.69	368	0.082	2	1.44	0.021	0.09	0.2	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
REP 1013259	QC	18	30	0.68	370	0.079	1	1.48	0.020	0.09	0.2	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
1011978	Soil	20	42	1.23	344	0.143	<1	1.75	0.012	0.99	<0.1	<0.01	2.9	0.5	0.48	7	<0.5	0.5
REP 1011978	QC	20	42	1.22	346	0.140	<1	1.68	0.011	0.96	<0.1	<0.01	2.7	0.5	0.49	7	<0.5	0.7
1013999	Soil	5	10	1.33	278	0.010	<1	2.69	0.008	0.08	<0.1	0.01	7.4	<0.1	<0.05	11	<0.5	<0.2
REP 1013999	QC	5	10	1.29	279	0.010	<1	2.66	0.008	0.08	<0.1	<0.01	7.4	<0.1	<0.05	11	<0.5	<0.2
1010312	Soil	22	26	0.62	348	0.056	<1	1.76	0.015	0.09	<0.1	0.03	6.6	<0.1	<0.05	6	0.7	<0.2
REP 1010312	QC	22	26	0.62	336	0.056	<1	1.78	0.015	0.09	0.1	0.03	6.5	<0.1	<0.05	6	<0.5	<0.2
1010310	Soil	10	30	0.71	311	0.047	2	2.57	0.010	0.05	0.1	0.04	4.1	<0.1	<0.05	7	0.6	<0.2
REP 1010310	QC	10	30	0.68	310	0.043	2	2.51	0.012	0.05	0.1	0.04	3.9	<0.1	<0.05	6	<0.5	<0.2
1010408	Soil	8	14	1.45	263	0.178	<1	2.53	0.011	0.73	<0.1	<0.01	2.7	0.2	<0.05	9	<0.5	<0.2
REP 1010408	QC	8	15	1.45	257	0.173	<1	2.55	0.011	0.76	<0.1	0.01	2.6	0.2	<0.05	9	<0.5	<0.2
1010421	Soil	10	13	1.43	368	0.147	1	2.60	0.013	0.71	<0.1	<0.01	5.2	<0.1	<0.05	10	<0.5	<0.2
REP 1010421	QC	10	14	1.50	376	0.155	<1	2.72	0.013	0.71	<0.1	<0.01	5.4	0.1	<0.05	11	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	117	0.60	279	0.111	3	0.91	0.092	0.43	3.1	0.20	2.0	5.2	0.16	5	5.0	4.7
STD DS8	Standard	14	122	0.60	295	0.111	2	0.92	0.097	0.44	3.1	0.21	1.9	5.4	0.17	5	5.7	5.1
STD DS8	Standard	13	117	0.61	285	0.099	3	0.90	0.100	0.42	3.0	0.20	1.7	5.5	0.19	5	4.5	4.7
STD DS8	Standard	13	117	0.59	286	0.100	2	0.94	0.097	0.44	2.9	0.20	1.9	5.4	0.16	5	4.6	4.6
STD DS8	Standard	15	126	0.65	282	0.123	4	0.94	0.093	0.42	3.1	0.19	2.4	5.6	0.15	5	5.3	4.7
STD DS8	Standard	15	126	0.63	278	0.126	3	0.96	0.093	0.42	3.3	0.19	2.4	5.6	0.15	5	5.7	5.0
STD DS8	Standard	14	119	0.61	270	0.113	2	0.88	0.082	0.40	3.1	0.21	1.9	5.3	0.18	5	5.5	5.4
STD DS8	Standard	15	119	0.62	281	0.115	<1	0.89	0.081	0.42	3.1	0.22	1.9	5.6	0.19	5	5.2	5.5
STD DS8	Standard	12	116	0.62	257	0.106	2	0.88	0.079	0.39	2.8	0.21	1.8	5.2	0.18	4	5.2	4.7
STD DS8	Standard	15	119	0.63	285	0.116	3	0.93	0.089	0.42	3.0	0.22	2.1	5.6	0.16	5	5.4	5.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5

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Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 09, 2011

QUALITY CONTROL REPORT WHI11000369.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 09, 2011

QUALITY CONTROL REPORT WHI11000369.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 30, 2011
Report Date: July 11, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000370.1

CLIENT JOB INFORMATION

Project: BET
Shipment ID: BET2011-10
P.O. Number
Number of Samples: 169

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	169	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	169	Dry at 60C			WHI
1DX2	169	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Peter Tallman

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BET
Report Date: July 11, 2011

CERTIFICATE OF ANALYSIS WHI11000370.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1016479	Soil		0.7	13.2	8.0	59	<0.1	17.7	12.4	367	3.33	9.7	0.6	0.7	8.2	30	<0.1	1.4	0.1	83	0.38	0.043
1016478	Soil		0.9	19.2	9.4	68	<0.1	19.0	14.5	496	3.35	13.3	1.1	4.8	10.7	15	<0.1	1.0	0.2	81	0.30	0.065
1016477	Soil		0.9	12.0	9.5	72	<0.1	11.6	14.1	486	3.77	7.5	1.8	1.3	9.9	19	<0.1	0.7	0.1	90	0.29	0.050
1016475	Soil		0.5	20.6	5.8	70	<0.1	11.4	18.0	630	5.14	4.8	1.4	2.0	10.9	28	<0.1	9.7	<0.1	154	0.50	0.082
1015481	Soil		2.4	16.7	20.5	87	<0.1	13.4	12.8	746	5.02	58.1	2.1	11.9	10.5	26	0.1	4.7	0.2	84	0.48	0.103
1016480	Soil		0.8	9.5	11.3	63	<0.1	13.2	7.7	266	3.12	10.6	0.5	2.2	3.0	13	<0.1	0.6	0.2	84	0.17	0.056
1015483	Soil		0.2	15.6	8.9	74	<0.1	9.0	13.0	475	4.43	68.7	0.9	1.2	18.4	25	<0.1	2.5	0.1	97	0.51	0.088
1016482	Soil		1.1	14.1	11.6	70	<0.1	14.3	11.3	469	3.96	17.9	0.8	0.6	5.7	20	<0.1	1.9	0.2	84	0.31	0.081
1016485	Soil		<0.1	10.6	6.4	59	0.1	3.8	9.9	457	3.20	9.4	1.3	<0.5	11.8	94	<0.1	1.4	<0.1	84	1.21	0.087
1016466	Soil		0.5	24.0	4.4	67	<0.1	8.8	17.3	943	4.73	3.3	1.9	1.3	13.7	27	<0.1	5.6	<0.1	140	0.63	0.115
1016467	Soil		0.9	15.2	15.7	93	0.1	18.0	11.2	1397	3.11	7.1	0.8	2.1	3.6	27	0.4	0.6	0.2	71	0.34	0.042
1016469	Soil		1.0	10.0	10.3	39	0.1	8.3	4.5	148	2.04	7.6	0.5	<0.5	3.7	13	<0.1	0.5	0.2	60	0.15	0.031
1016468	Soil		0.7	14.2	8.2	62	<0.1	14.4	11.2	737	2.84	7.9	0.5	2.8	3.8	18	0.1	0.8	0.1	74	0.23	0.055
1015462	Soil		1.0	20.3	9.5	139	0.2	16.6	15.9	1478	3.66	7.8	0.4	<0.5	6.0	31	0.6	1.2	0.4	98	0.43	0.034
1016465	Soil		1.9	17.9	21.9	77	<0.1	16.9	15.8	854	4.78	10.3	1.4	<0.5	8.3	38	0.1	1.7	<0.1	106	0.43	0.034
1016463	Soil		3.1	36.3	8.2	84	0.3	11.5	17.9	732	5.04	401.6	3.2	38.2	19.4	27	0.2	14.1	0.1	119	0.65	0.118
1017707	Soil		0.8	34.3	7.1	82	<0.1	59.2	21.2	500	4.26	9.6	0.6	0.6	6.7	27	<0.1	0.3	0.2	62	0.44	0.075
1017710	Soil		0.9	29.4	12.6	55	<0.1	21.2	8.3	290	2.30	9.0	2.1	5.8	20.6	23	<0.1	0.6	0.3	44	0.27	0.040
1016458	Soil		1.2	13.8	9.2	47	0.3	13.0	7.1	232	2.52	11.6	0.8	3.9	5.2	19	0.1	1.4	0.3	69	0.21	0.026
1016457	Soil		1.1	15.4	10.1	50	0.3	14.0	8.0	235	2.81	12.4	0.9	4.6	6.0	19	<0.1	1.6	0.2	72	0.21	0.023
1016461	Soil		1.8	28.4	19.5	93	0.8	10.7	19.4	1128	4.60	122.3	2.5	8.8	13.2	23	0.2	16.9	0.1	136	0.59	0.143
1016456	Soil		1.6	17.7	11.0	68	0.7	14.6	12.9	460	3.58	108.0	1.1	4.4	7.7	21	0.1	2.4	0.1	99	0.41	0.103
1016459	Soil		2.2	34.7	14.0	96	0.6	10.0	20.7	1215	5.21	152.7	2.9	10.7	16.6	23	0.2	19.4	<0.1	148	0.65	0.133
1016454	Soil		1.6	12.7	19.8	79	0.2	8.4	8.0	306	2.82	44.6	0.5	0.7	4.5	22	0.4	2.5	0.1	108	0.32	0.021
1016452	Soil		0.9	19.7	12.1	60	0.5	10.8	10.6	403	2.47	14.3	1.1	1.7	4.8	26	0.3	2.1	<0.1	74	0.36	0.059
1016460	Soil		2.2	31.5	10.1	92	0.5	10.8	20.8	1133	5.07	145.2	2.9	9.8	14.7	23	0.2	17.7	<0.1	149	0.64	0.143
1016455	Soil		1.1	23.0	14.1	80	1.1	12.7	11.3	503	3.11	24.5	1.8	4.8	7.4	40	0.4	1.5	0.1	86	0.64	0.056
1016451	Soil		0.8	19.0	13.2	48	0.6	9.3	7.7	275	2.11	12.6	1.2	0.7	3.6	31	0.3	1.6	<0.1	64	0.42	0.044
1016484	Soil		0.5	16.6	9.2	73	<0.1	9.6	13.3	460	4.41	68.5	0.9	<0.5	19.5	27	0.2	2.5	<0.1	103	0.51	0.077
1016472	Soil		0.6	28.2	6.2	67	<0.1	10.7	17.2	1526	4.71	4.7	2.6	2.3	12.7	88	<0.1	1.8	<0.1	143	0.56	0.113

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Project: BET
Report Date: July 11, 2011

CERTIFICATE OF ANALYSIS WHI11000370.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1016479	Soil		9	23	0.80	257	0.130	<1	2.90	0.013	0.16	0.1	0.02	4.3	0.2	<0.05	8	<0.5	<0.2
1016478	Soil		14	28	0.81	322	0.142	1	2.23	0.015	0.23	0.2	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1016477	Soil		21	22	0.64	297	0.100	<1	1.81	0.011	0.19	0.1	0.02	6.9	0.3	<0.05	7	<0.5	<0.2
1016475	Soil		19	27	1.74	682	0.115	<1	2.95	0.021	0.32	<0.1	0.01	15.4	0.3	<0.05	9	0.5	<0.2
1015481	Soil		21	23	1.21	491	0.096	<1	2.89	0.014	0.44	0.1	0.05	10.9	0.5	0.10	9	<0.5	<0.2
1016480	Soil		9	23	0.49	192	0.089	<1	1.87	0.009	0.11	0.1	0.02	2.2	0.1	0.07	8	<0.5	<0.2
1015483	Soil		41	15	0.97	569	0.123	<1	2.28	0.013	0.42	<0.1	0.02	11.5	0.4	<0.05	9	<0.5	<0.2
1016482	Soil		11	25	1.15	297	0.104	<1	2.41	0.010	0.34	0.1	0.03	7.8	0.4	<0.05	8	0.6	<0.2
1016485	Soil		20	12	1.05	497	0.203	<1	2.64	0.018	0.49	<0.1	0.02	7.5	0.4	<0.05	10	0.9	<0.2
1016466	Soil		20	24	2.35	1044	0.175	<1	2.96	0.021	0.49	0.1	<0.01	16.2	0.4	<0.05	10	<0.5	<0.2
1016467	Soil		9	30	0.64	367	0.092	2	2.02	0.014	0.13	0.2	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1016469	Soil		10	20	0.32	214	0.074	<1	1.29	0.008	0.09	0.1	0.02	2.2	<0.1	<0.05	6	0.7	<0.2
1016468	Soil		8	24	0.68	329	0.098	<1	1.92	0.011	0.13	0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1015462	Soil		7	25	0.79	600	0.237	1	2.02	0.017	0.24	0.4	0.02	2.5	0.2	<0.05	8	<0.5	<0.2
1016465	Soil		10	29	1.45	518	0.109	<1	3.52	0.017	0.28	0.1	0.01	8.3	0.3	<0.05	11	<0.5	<0.2
1016463	Soil		34	25	1.27	378	0.071	<1	2.77	0.015	0.25	0.1	0.06	17.1	0.4	<0.05	9	<0.5	<0.2
1017707	Soil		8	128	1.88	304	0.137	<1	2.61	0.009	0.52	0.2	<0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1017710	Soil		33	29	0.43	255	0.057	1	1.37	0.013	0.08	0.2	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
1016458	Soil		11	24	0.51	208	0.081	2	1.67	0.012	0.08	0.1	0.04	3.1	0.2	<0.05	6	0.5	<0.2
1016457	Soil		12	29	0.58	222	0.081	<1	1.88	0.010	0.08	0.2	0.05	3.2	0.1	<0.05	6	<0.5	<0.2
1016461	Soil		15	25	1.21	481	0.204	<1	2.36	0.015	0.46	0.3	0.04	10.5	0.6	<0.05	9	<0.5	<0.2
1016456	Soil		16	33	0.82	265	0.167	<1	2.00	0.018	0.15	0.2	0.01	4.4	0.2	<0.05	8	<0.5	<0.2
1016459	Soil		19	25	1.40	655	0.239	2	2.43	0.019	0.58	0.2	0.03	11.5	0.7	<0.05	9	<0.5	<0.2
1016454	Soil		7	22	0.71	201	0.218	<1	1.38	0.016	0.25	0.2	0.01	2.9	0.3	<0.05	9	<0.5	<0.2
1016452	Soil		11	23	0.64	384	0.153	<1	1.71	0.016	0.16	0.2	0.04	2.8	0.2	<0.05	6	<0.5	<0.2
1016460	Soil		17	26	1.29	581	0.232	1	2.33	0.015	0.47	0.3	0.02	11.6	0.6	<0.05	9	<0.5	<0.2
1016455	Soil		18	26	0.81	424	0.181	1	2.10	0.017	0.19	0.2	0.03	5.0	0.2	0.05	8	<0.5	<0.2
1016451	Soil		11	20	0.51	394	0.129	<1	1.50	0.017	0.12	0.2	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1016484	Soil		37	18	1.00	562	0.134	<1	2.51	0.013	0.41	<0.1	0.04	11.6	0.4	<0.05	9	<0.5	<0.2
1016472	Soil		22	28	1.64	874	0.188	<1	2.68	0.027	0.31	0.1	0.03	14.8	0.4	<0.05	9	0.9	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BET
Report Date: July 11, 2011

CERTIFICATE OF ANALYSIS WHI11000370.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1016474	Soil	0.4	22.2	6.1	72	<0.1	9.8	19.6	627	5.15	5.6	1.7	<0.5	12.0	31	<0.1	10.3	<0.1	144	0.53	0.109
1016476	Soil	0.8	14.0	8.5	65	<0.1	13.0	13.5	597	3.66	6.5	3.0	<0.5	13.3	21	<0.1	1.2	<0.1	82	0.37	0.083
1017890	Soil	1.2	37.5	11.5	53	0.1	33.0	12.8	470	2.84	23.6	1.6	1.8	13.9	30	0.1	0.9	0.1	57	0.54	0.034
1017893	Soil	1.2	30.6	12.2	53	0.1	32.5	11.8	416	2.77	15.1	1.3	2.8	13.8	33	0.2	0.8	0.1	51	0.48	0.034
1017897	Soil	0.5	41.0	12.4	62	<0.1	23.3	18.4	402	3.81	6.1	1.5	3.1	44.5	31	<0.1	0.7	0.1	68	0.55	0.059
1017596	Soil	1.2	32.3	13.6	87	0.2	38.7	11.8	309	3.31	61.6	1.3	3.7	4.9	25	0.2	3.6	0.1	45	0.37	0.050
1017550	Soil	0.8	17.6	6.7	58	<0.1	35.6	10.3	305	2.26	10.4	1.3	0.9	5.7	41	0.2	0.6	0.1	42	1.36	0.053
1017895	Soil	0.9	29.6	11.8	47	<0.1	26.6	10.7	363	2.80	8.3	1.1	1.7	18.5	29	<0.1	0.7	0.1	46	0.56	0.035
1017701	Soil	0.9	28.0	7.6	45	<0.1	24.3	10.5	330	2.82	7.8	0.8	2.7	9.7	27	<0.1	0.6	<0.1	48	0.41	0.034
1017708	Soil	0.8	27.0	6.6	105	<0.1	32.5	23.4	1001	6.19	4.1	0.9	1.7	11.0	38	<0.1	0.2	<0.1	116	0.64	0.172
1017712	Soil	1.4	11.9	11.1	42	<0.1	15.5	6.7	245	2.26	7.2	0.6	1.7	7.7	16	0.1	0.3	0.2	53	0.22	0.050
1017704	Soil	0.4	15.1	2.0	32	<0.1	9.3	7.0	294	3.49	6.0	0.7	1.7	3.9	11	<0.1	0.2	<0.1	9	0.23	0.046
1017703	Soil	0.9	29.1	11.0	48	0.1	27.4	8.9	359	2.70	9.3	1.0	3.7	14.8	30	<0.1	0.6	0.4	52	0.47	0.031
1017706	Soil	0.9	12.5	5.9	43	<0.1	18.6	11.6	325	3.15	6.8	0.5	1.5	4.7	21	<0.1	0.5	0.1	53	0.38	0.034
1017898	Soil	1.0	16.4	8.6	46	<0.1	19.3	10.4	255	2.55	6.8	0.9	1.1	22.3	20	<0.1	0.4	0.1	51	0.27	0.028
1017544	Soil	0.7	33.7	8.4	47	<0.1	23.8	13.0	440	2.75	10.3	1.1	3.2	4.0	26	<0.1	0.5	0.2	66	0.49	0.021
1017702	Soil	0.8	27.2	9.1	49	0.1	25.0	8.6	318	2.65	8.5	0.7	4.3	8.5	27	<0.1	0.6	0.2	50	0.44	0.039
1017705	Soil	0.4	13.8	1.9	34	<0.1	8.0	6.6	279	3.44	6.3	0.7	0.8	3.7	11	<0.1	0.2	<0.1	9	0.22	0.049
1017888	Soil	0.7	25.4	7.5	47	<0.1	29.4	12.0	491	2.54	12.0	1.8	2.4	6.8	45	0.1	0.6	0.2	48	1.39	0.052
1017567	Soil	2.3	33.7	25.0	50	0.2	22.6	12.0	505	2.96	24.4	1.0	3.5	3.7	20	<0.1	1.0	0.7	75	0.35	0.014
1017549	Soil	1.2	31.3	13.3	40	0.2	22.9	10.3	605	2.48	6.7	2.9	3.5	20.8	44	0.2	0.7	0.4	38	1.31	0.041
1017548	Soil	1.2	15.2	5.5	50	<0.1	50.4	17.6	404	4.62	4.5	1.0	0.6	10.6	19	<0.1	0.8	0.2	80	0.49	0.037
1017709	Soil	1.1	13.2	10.6	44	<0.1	17.9	8.1	255	2.28	6.5	0.8	0.7	14.9	17	0.1	0.5	0.1	45	0.20	0.022
1017545	Soil	1.4	40.7	6.4	48	<0.1	25.7	12.1	352	2.81	7.2	0.7	1.6	2.8	20	<0.1	0.4	0.1	67	0.40	0.024
1017546	Soil	0.6	62.2	4.4	65	0.1	42.1	17.2	632	3.59	8.5	0.9	4.7	2.3	35	0.1	1.2	0.1	95	1.06	0.055
1017547	Soil	0.8	60.8	6.1	54	0.1	32.6	14.2	448	3.21	10.6	1.3	3.2	5.4	29	0.1	0.8	0.2	85	0.80	0.041
1017900	Soil	1.1	23.5	8.4	96	<0.1	21.5	19.3	753	5.79	7.9	3.3	2.0	34.8	48	<0.1	0.4	<0.1	73	0.61	0.151
1017896	Soil	0.9	29.3	10.9	64	0.1	33.5	11.7	356	2.65	9.1	0.5	9.6	8.4	31	0.2	0.9	0.2	51	0.67	0.076
1017711	Soil	1.2	9.7	9.5	49	<0.1	14.5	7.5	307	2.07	6.2	0.6	0.8	7.0	20	0.1	0.3	0.2	51	0.25	0.027
1017889	Soil	1.8	35.7	12.6	71	0.2	38.2	11.8	405	2.92	41.0	0.8	3.1	9.2	27	0.3	0.9	0.2	57	0.40	0.039

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1016474	Soil	17	26	1.77	594	0.079	<1	3.08	0.021	0.25	<0.1	0.02	17.5	0.2	<0.05	9	<0.5	<0.2
1016476	Soil	22	22	0.76	388	0.090	1	1.90	0.013	0.23	<0.1	<0.01	7.8	0.3	<0.05	6	<0.5	<0.2
1017890	Soil	33	49	0.54	370	0.069	<1	1.66	0.014	0.08	0.2	0.02	5.7	<0.1	0.09	5	0.9	<0.2
1017893	Soil	23	45	0.50	326	0.050	2	1.54	0.014	0.12	0.2	0.03	5.2	<0.1	0.07	5	0.8	<0.2
1017897	Soil	113	21	1.12	251	0.131	<1	2.53	0.012	0.32	<0.1	0.03	5.0	0.2	<0.05	8	<0.5	<0.2
1017596	Soil	11	28	0.36	489	0.020	2	1.00	0.010	0.09	0.1	0.09	4.8	0.4	<0.05	3	0.9	<0.2
1017550	Soil	14	54	0.71	257	0.063	1	1.36	0.014	0.14	0.2	0.06	3.7	0.2	0.10	4	0.7	<0.2
1017895	Soil	29	41	0.60	220	0.063	<1	1.64	0.017	0.09	0.1	0.03	4.6	<0.1	<0.05	5	0.5	<0.2
1017701	Soil	20	34	0.62	248	0.086	<1	1.60	0.016	0.13	0.2	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1017708	Soil	51	53	2.18	316	0.178	2	3.21	0.008	1.09	0.1	0.02	5.5	0.5	<0.05	12	<0.5	<0.2
1017712	Soil	16	28	0.35	205	0.043	<1	1.40	0.009	0.05	0.3	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
1017704	Soil	8	9	0.30	236	0.062	1	1.32	0.008	0.45	0.1	<0.01	5.7	0.1	<0.05	5	<0.5	<0.2
1017703	Soil	27	37	0.55	259	0.063	2	1.50	0.019	0.07	0.2	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
1017706	Soil	7	35	0.72	170	0.066	2	1.81	0.008	0.21	0.1	0.01	4.7	0.1	<0.05	5	<0.5	<0.2
1017898	Soil	34	32	0.51	182	0.067	1	1.44	0.009	0.22	0.1	0.02	3.7	0.1	<0.05	5	<0.5	<0.2
1017544	Soil	12	34	0.69	307	0.056	<1	1.69	0.022	0.05	0.2	0.03	5.1	<0.1	<0.05	5	<0.5	<0.2
1017702	Soil	21	34	0.55	275	0.070	3	1.42	0.016	0.08	0.2	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1017705	Soil	8	7	0.30	238	0.065	3	1.31	0.008	0.47	0.2	<0.01	6.0	0.2	<0.05	5	<0.5	<0.2
1017888	Soil	24	41	0.73	296	0.067	<1	1.59	0.015	0.15	0.2	0.06	3.9	0.1	<0.05	5	0.7	<0.2
1017567	Soil	15	35	0.63	827	0.021	<1	1.75	0.013	0.07	<0.1	0.04	7.7	0.1	<0.05	5	<0.5	<0.2
1017549	Soil	99	33	0.50	419	0.051	<1	1.44	0.013	0.15	0.2	0.12	5.6	0.2	<0.05	5	0.7	<0.2
1017548	Soil	36	125	1.97	378	0.095	<1	2.88	0.009	0.56	0.1	0.01	10.0	0.3	<0.05	12	<0.5	<0.2
1017709	Soil	13	28	0.37	202	0.047	1	1.27	0.009	0.08	0.2	0.01	2.4	<0.1	<0.05	4	<0.5	<0.2
1017545	Soil	10	45	0.72	270	0.058	<1	1.85	0.014	0.08	0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1017546	Soil	10	75	1.19	378	0.035	3	2.01	0.019	0.11	<0.1	0.08	8.9	<0.1	<0.05	6	0.5	<0.2
1017547	Soil	15	55	0.97	376	0.049	2	1.80	0.021	0.08	0.1	0.07	7.4	<0.1	<0.05	5	<0.5	<0.2
1017900	Soil	59	15	1.36	324	0.095	2	2.84	0.009	0.66	0.1	<0.01	4.3	0.3	<0.05	12	<0.5	<0.2
1017896	Soil	18	38	0.59	264	0.070	2	1.30	0.015	0.10	0.2	0.03	3.9	0.1	<0.05	4	<0.5	<0.2
1017711	Soil	11	27	0.37	212	0.053	<1	1.19	0.008	0.07	0.2	0.01	1.9	<0.1	<0.05	4	<0.5	<0.2
1017889	Soil	17	52	0.52	409	0.048	2	1.55	0.012	0.07	0.1	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1017894	Soil	1.3	27.5	9.9	46	<0.1	29.1	9.3	339	2.53	9.1	0.9	2.2	13.3	29	0.2	0.6	0.2	50	0.47	0.024
1017899	Soil	1.3	23.9	11.8	59	<0.1	21.1	12.5	307	3.20	9.4	1.4	4.4	22.0	26	0.1	0.7	0.2	59	0.37	0.043
1017891	Soil	1.5	34.0	13.0	61	0.2	41.2	11.9	527	3.06	26.0	1.3	4.1	16.5	31	0.1	0.9	0.2	51	0.50	0.047
1017892	Soil	1.3	26.9	11.3	50	0.1	29.4	10.3	330	2.65	14.3	0.9	1.3	11.8	29	0.1	0.8	0.2	50	0.43	0.029
1017878	Soil	0.6	18.1	15.0	90	<0.1	23.5	20.8	718	4.99	6.6	1.2	20.9	27.1	86	<0.1	1.5	0.1	33	1.78	0.178
1017868	Soil	1.4	29.7	10.3	82	<0.1	33.6	15.8	536	4.10	10.0	0.7	11.5	5.5	24	0.2	0.6	0.4	113	0.63	0.088
1017877	Soil	2.6	17.0	9.8	51	0.2	61.0	19.1	845	3.71	82.7	1.1	19.5	8.6	54	0.3	3.9	0.2	23	1.77	0.041
1017875	Soil	1.4	54.0	13.5	109	<0.1	79.0	29.6	863	6.05	21.2	1.2	<0.5	11.6	9	<0.1	0.6	0.1	53	0.22	0.076
1017876	Soil	1.3	19.5	9.4	49	<0.1	26.4	10.6	231	3.06	10.8	0.5	3.1	4.0	15	<0.1	0.6	0.1	63	0.22	0.022
1017871	Soil	2.0	80.8	13.2	97	<0.1	53.6	16.9	546	4.07	62.3	1.7	1.7	8.4	14	0.1	1.4	0.2	70	0.36	0.074
1017881	Soil	0.8	18.6	5.9	105	<0.1	73.6	26.7	774	5.15	4.0	0.6	<0.5	10.7	37	<0.1	0.2	<0.1	77	1.44	0.105
1017879	Soil	0.4	42.1	9.9	100	0.1	63.5	21.1	582	4.13	4.2	0.7	1.5	19.1	66	0.2	0.5	0.2	53	3.36	0.102
1017872	Soil	1.2	39.3	8.7	31	<0.1	27.7	11.6	323	2.41	12.3	0.8	7.5	6.8	18	<0.1	0.6	0.2	51	0.28	0.033
1017882	Soil	1.1	17.5	10.2	63	<0.1	43.6	16.2	348	3.66	14.6	0.8	0.9	8.4	21	<0.1	0.4	0.1	64	0.40	0.036
1017884	Soil	0.8	26.5	7.3	53	0.2	33.7	11.5	287	2.20	7.7	2.4	4.2	3.5	49	0.3	0.7	0.1	41	1.31	0.058
1017883	Soil	0.6	30.4	8.2	58	0.2	41.5	13.9	391	2.73	14.3	1.1	4.8	7.4	43	0.2	0.6	0.1	46	1.26	0.053
1017885	Soil	0.8	28.3	12.1	66	0.3	53.3	16.4	478	3.17	14.5	0.9	4.1	8.4	43	0.1	0.7	0.1	51	1.34	0.056
1017886	Soil	0.5	23.3	11.2	51	0.2	26.3	10.4	353	2.21	8.6	1.5	4.8	3.7	36	0.2	0.6	0.2	47	0.92	0.053
1017869	Soil	1.2	28.5	8.8	73	0.1	47.2	18.1	684	3.45	11.0	1.0	10.9	3.6	30	0.3	0.7	0.1	83	0.71	0.065
1017786	Soil	1.2	22.1	18.2	79	<0.1	23.7	8.5	513	3.78	8.4	1.3	13.8	13.5	33	<0.1	0.3	0.1	44	0.44	0.083
1017621	Soil	0.8	15.3	7.9	48	<0.1	15.7	9.6	185	2.83	8.8	0.7	2.1	4.7	17	<0.1	0.5	0.1	73	0.23	0.041
1017607	Soil	1.2	15.1	9.7	61	0.2	12.3	9.8	308	3.12	14.9	0.7	3.1	4.5	16	0.1	0.9	0.2	93	0.23	0.038
1017601	Soil	0.6	31.2	8.4	71	0.2	17.1	13.0	332	2.99	47.9	1.5	16.7	7.0	22	<0.1	0.7	0.2	87	0.33	0.054
1017622	Soil	0.9	11.4	8.2	55	<0.1	12.1	9.2	250	3.10	8.0	0.6	2.7	5.1	18	<0.1	0.3	0.1	91	0.30	0.053
1017623	Soil	0.7	12.7	8.5	74	<0.1	10.8	13.3	675	4.19	23.5	1.7	1.8	12.4	18	<0.1	4.0	<0.1	99	0.38	0.087
1017624	Soil	0.9	9.3	8.1	71	<0.1	8.5	13.2	581	3.77	31.5	1.2	<0.5	8.6	18	<0.1	4.3	0.1	109	0.36	0.078
1017626	Soil	0.6	15.8	7.5	66	<0.1	11.6	13.9	466	3.66	12.5	1.1	<0.5	12.3	24	<0.1	1.6	0.1	104	0.41	0.073
1017783	Soil	1.7	16.7	8.5	85	<0.1	24.4	10.6	617	4.40	9.8	1.1	2.2	13.4	49	<0.1	0.3	0.1	48	0.50	0.057
1017865	Soil	0.8	45.4	10.7	58	<0.1	27.9	11.6	503	2.80	10.0	0.5	3.4	3.9	27	0.2	1.8	0.5	71	1.03	0.069
1017782	Soil	2.6	20.8	14.7	61	<0.1	24.1	12.7	503	2.87	21.5	0.7	1.3	18.5	18	0.2	0.5	0.2	56	0.25	0.036

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Project: BET
Report Date: July 11, 2011

CERTIFICATE OF ANALYSIS WHI11000370.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1017894	Soil		22	39	0.54	276	0.058	4	1.52	0.018	0.10	0.2	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2
1017899	Soil		30	30	0.60	213	0.065	2	1.75	0.011	0.20	0.1	0.02	4.5	0.1	<0.05	5	<0.5	<0.2
1017891	Soil		27	51	0.53	369	0.048	1	1.70	0.015	0.09	0.1	0.02	5.4	0.1	<0.05	5	0.5	<0.2
1017892	Soil		23	44	0.49	378	0.054	<1	1.64	0.015	0.10	0.1	0.03	4.4	<0.1	<0.05	5	0.6	<0.2
1017878	Soil		115	26	0.97	317	0.032	4	1.68	0.006	0.78	<0.1	0.07	8.2	0.5	<0.05	6	<0.5	<0.2
1017868	Soil		10	53	1.43	391	0.117	<1	2.65	0.017	0.33	<0.1	0.02	5.9	0.3	<0.05	9	<0.5	<0.2
1017877	Soil		27	34	0.46	179	0.003	<1	0.52	0.007	0.12	0.1	0.12	5.8	0.1	<0.05	1	<0.5	<0.2
1017875	Soil		11	75	1.36	187	0.069	1	2.99	0.007	0.56	<0.1	0.01	5.0	0.5	<0.05	9	<0.5	<0.2
1017876	Soil		10	41	0.57	180	0.068	1	1.79	0.008	0.13	0.1	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1017871	Soil		14	50	0.83	330	0.096	1	1.78	0.007	0.66	<0.1	0.02	4.5	0.4	<0.05	6	0.9	<0.2
1017881	Soil		40	234	3.53	583	0.238	1	3.93	0.012	1.60	<0.1	0.02	3.9	0.8	<0.05	11	<0.5	<0.2
1017879	Soil		83	144	1.85	271	0.105	5	2.28	0.012	1.15	0.1	0.03	7.1	0.5	<0.05	8	<0.5	<0.2
1017872	Soil		15	42	0.88	180	0.031	2	1.70	0.012	0.16	0.2	0.01	3.4	0.1	<0.05	4	<0.5	<0.2
1017882	Soil		19	61	0.86	268	0.081	2	2.10	0.012	0.28	0.1	0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1017884	Soil		19	43	0.45	260	0.053	3	1.09	0.012	0.12	0.1	0.05	3.1	<0.1	<0.05	3	0.9	<0.2
1017883	Soil		27	52	0.79	246	0.087	3	1.46	0.012	0.37	0.2	0.05	4.3	0.2	<0.05	5	0.5	<0.2
1017885	Soil		21	75	0.98	192	0.045	2	1.53	0.010	0.20	0.1	0.02	4.7	0.1	<0.05	5	<0.5	<0.2
1017886	Soil		16	34	0.42	285	0.050	2	1.20	0.012	0.07	<0.1	0.05	3.2	<0.1	<0.05	4	<0.5	<0.2
1017869	Soil		14	79	1.24	257	0.059	2	1.71	0.011	0.19	<0.1	0.04	6.9	0.1	<0.05	5	1.1	<0.2
1017786	Soil		34	46	0.80	506	0.118	<1	1.74	0.008	0.31	0.2	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
1017621	Soil		11	28	0.44	243	0.105	2	2.01	0.008	0.10	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1017607	Soil		10	27	0.66	246	0.132	1	2.11	0.011	0.10	0.2	<0.01	3.5	0.2	<0.05	7	<0.5	<0.2
1017601	Soil		18	31	0.86	397	0.162	<1	2.21	0.012	0.17	0.1	0.04	4.3	0.3	<0.05	6	<0.5	<0.2
1017622	Soil		10	25	0.51	236	0.145	1	1.94	0.009	0.11	0.1	0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1017623	Soil		16	21	0.86	415	0.085	2	2.29	0.010	0.24	0.1	<0.01	8.7	0.3	<0.05	7	<0.5	<0.2
1017624	Soil		17	19	0.91	376	0.179	1	2.24	0.010	0.31	<0.1	<0.01	6.1	0.3	<0.05	8	<0.5	<0.2
1017626	Soil		19	22	0.92	446	0.176	2	2.26	0.016	0.37	0.2	<0.01	6.1	0.4	<0.05	8	<0.5	<0.2
1017783	Soil		26	45	1.03	203	0.040	2	2.44	0.007	0.12	0.1	<0.01	5.1	0.2	<0.05	10	0.8	<0.2
1017865	Soil		18	39	0.38	283	0.036	1	1.94	0.013	0.06	0.2	0.02	7.0	0.1	<0.05	6	0.6	<0.2
1017782	Soil		13	37	0.43	315	0.069	2	1.79	0.009	0.13	<0.1	<0.01	2.9	0.1	<0.05	5	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1017784	Soil		1.5	16.5	8.0	93	<0.1	23.6	9.4	645	4.01	7.7	1.1	1.4	13.0	36	<0.1	0.2	<0.1	41	0.42	0.092
1017873	Soil		1.9	27.0	12.0	84	<0.1	8.5	9.3	581	3.65	7.4	1.5	5.1	14.0	11	<0.1	0.9	0.4	38	0.28	0.048
1017874	Soil		1.8	26.4	12.1	83	<0.1	8.9	9.9	579	3.70	7.3	1.5	7.0	13.8	11	0.2	0.8	0.4	38	0.26	0.049
1017867	Soil		2.1	41.5	9.3	135	0.5	37.2	10.7	250	2.87	33.5	1.1	2.6	4.4	27	0.8	2.4	0.2	71	0.40	0.063
1017880	Soil		1.3	33.1	12.5	104	0.1	128.7	25.9	820	4.88	6.8	1.1	3.5	13.0	31	0.1	0.6	0.2	76	1.05	0.087
1017870	Soil		3.4	60.8	8.4	163	0.3	70.8	17.6	369	3.96	22.2	1.7	1.2	6.1	37	0.6	1.3	0.2	123	0.74	0.153
1016464	Soil		1.0	20.7	7.6	75	0.2	15.1	11.3	376	3.04	89.9	0.9	11.2	6.6	22	0.2	1.1	0.2	95	0.39	0.072
1016471	Soil		0.5	25.7	4.8	61	<0.1	9.2	16.8	1650	4.36	3.8	2.0	5.5	8.5	58	<0.1	1.2	<0.1	141	0.57	0.106
1016470	Soil		0.7	19.8	6.4	50	<0.1	15.4	11.7	303	2.98	6.8	0.6	1.8	4.6	19	<0.1	0.4	0.1	92	0.28	0.043
1016473	Soil		0.5	29.6	5.7	67	<0.1	12.8	18.4	1240	4.77	5.4	2.0	2.7	10.3	72	<0.1	1.3	<0.1	155	0.55	0.102
1016453	Soil		1.4	17.1	17.6	83	0.2	10.8	10.8	433	3.08	32.2	0.5	1.4	5.6	22	0.2	1.6	0.2	110	0.37	0.041
1017617	Soil		0.8	20.0	8.1	61	<0.1	17.1	12.7	368	3.25	9.5	0.6	0.6	5.5	29	<0.1	0.8	0.1	94	0.46	0.058
1017630	Soil		0.9	16.9	7.8	86	0.1	15.6	17.0	604	4.28	17.6	0.6	1.5	3.6	41	0.2	1.1	<0.1	119	0.50	0.132
1017619	Soil		1.1	14.6	8.0	50	<0.1	15.0	9.3	223	2.69	9.0	0.7	2.3	4.2	18	<0.1	0.6	0.1	74	0.24	0.027
1017618	Soil		0.7	15.1	7.8	66	<0.1	14.0	11.5	384	3.01	7.8	0.6	2.5	2.5	22	0.1	0.7	0.1	87	0.38	0.072
1017616	Soil		0.6	28.4	5.9	68	<0.1	14.4	17.1	476	4.16	5.4	0.8	<0.5	5.1	17	<0.1	0.3	<0.1	125	0.42	0.058
1017632	Soil		1.1	19.7	8.7	129	<0.1	23.3	11.4	1271	5.58	113.4	2.4	13.8	27.1	18	<0.1	1.8	<0.1	72	0.39	0.101
1017611	Soil		0.9	17.7	7.6	48	<0.1	13.8	10.1	276	2.73	9.5	1.5	2.0	5.9	22	<0.1	0.6	0.1	81	0.35	0.041
1017608	Soil		1.2	22.2	11.7	66	0.2	14.1	12.5	391	3.60	16.1	1.2	5.0	6.0	22	0.1	1.4	0.1	96	0.37	0.059
1017609	Soil		1.9	26.4	15.8	72	0.1	12.1	15.1	709	4.49	13.6	2.4	3.3	10.3	42	<0.1	2.5	0.2	120	0.48	0.056
1017605	Soil		1.2	20.0	11.4	59	0.2	12.8	10.3	314	3.13	12.4	1.2	2.5	6.9	29	0.2	2.4	0.2	88	0.41	0.063
1017610	Soil		1.1	20.5	10.0	71	<0.1	12.4	15.5	528	3.85	11.8	1.0	2.7	7.4	24	0.1	1.7	0.1	107	0.37	0.068
1017606	Soil		1.3	18.9	10.6	63	0.2	11.7	10.6	314	3.28	11.1	0.8	4.5	5.9	23	0.2	1.5	0.2	97	0.28	0.035
1017620	Soil		0.7	16.1	10.7	59	<0.1	15.0	11.4	410	3.40	8.4	0.7	1.9	5.0	31	<0.1	1.0	0.1	95	0.37	0.054
1017631	Soil		1.5	9.1	14.4	83	<0.1	8.9	12.1	935	3.84	16.5	1.5	1.2	20.5	21	<0.1	2.1	0.1	75	0.25	0.052
1017633	Soil		1.3	8.3	16.1	79	<0.1	9.7	7.5	746	3.13	11.1	2.8	2.2	30.7	15	<0.1	1.9	<0.1	51	0.21	0.054
1017612	Soil		0.8	27.6	7.4	58	<0.1	12.9	13.1	446	3.37	10.1	1.3	1.7	9.3	28	<0.1	0.6	0.2	97	0.44	0.068
1017613	Soil		0.8	32.1	6.9	74	<0.1	11.6	19.5	843	5.23	4.8	2.1	2.4	12.6	37	<0.1	0.9	0.2	165	0.56	0.088
1017625	Soil		1.0	11.2	8.0	66	<0.1	11.0	13.6	610	3.87	14.8	1.3	1.8	13.3	29	<0.1	2.3	0.1	99	0.39	0.080
1017614	Soil		0.8	23.0	9.9	60	<0.1	21.0	14.8	413	3.43	9.5	0.7	2.2	7.6	26	<0.1	0.7	0.2	83	0.28	0.046

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1017784	Soil	44	43	0.93	319	0.090	<1	2.06	0.009	0.33	0.1	<0.01	4.0	0.2	<0.05	9	<0.5	<0.2
1017873	Soil	40	10	0.40	335	0.101	<1	1.67	0.012	0.40	<0.1	<0.01	10.7	0.3	<0.05	6	0.6	<0.2
1017874	Soil	38	10	0.40	329	0.099	<1	1.71	0.007	0.39	<0.1	<0.01	10.7	0.3	<0.05	6	0.6	<0.2
1017867	Soil	14	37	0.47	371	0.052	2	1.43	0.012	0.10	0.2	0.07	3.4	0.3	<0.05	5	1.6	<0.2
1017880	Soil	41	318	2.35	294	0.111	3	2.86	0.008	0.89	<0.1	0.02	8.1	0.4	<0.05	8	<0.5	<0.2
1017870	Soil	24	81	1.20	1024	0.107	<1	2.21	0.015	0.38	0.1	0.02	6.4	0.3	0.06	7	1.0	<0.2
1016464	Soil	13	28	0.84	300	0.130	2	2.07	0.015	0.17	0.1	0.02	5.0	0.2	<0.05	6	<0.5	<0.2
1016471	Soil	22	26	1.53	706	0.115	<1	2.71	0.028	0.28	<0.1	0.04	15.3	0.3	<0.05	8	<0.5	<0.2
1016470	Soil	8	31	0.80	386	0.176	<1	1.89	0.016	0.31	0.1	<0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1016473	Soil	19	34	1.72	833	0.232	<1	2.94	0.025	0.32	<0.1	0.02	14.3	0.4	<0.05	9	<0.5	<0.2
1016453	Soil	9	26	0.86	254	0.238	<1	1.86	0.018	0.24	0.2	0.02	3.9	0.3	<0.05	8	<0.5	<0.2
1017617	Soil	12	31	0.84	532	0.186	<1	2.13	0.015	0.22	0.2	<0.01	4.4	0.2	<0.05	6	<0.5	<0.2
1017630	Soil	10	27	1.09	420	0.214	<1	2.43	0.015	0.34	0.2	0.01	4.9	0.3	<0.05	9	<0.5	<0.2
1017619	Soil	13	30	0.47	296	0.106	<1	2.02	0.010	0.06	0.1	0.01	2.8	0.1	<0.05	5	<0.5	<0.2
1017618	Soil	13	27	0.67	248	0.136	<1	2.12	0.012	0.11	0.1	0.02	3.6	0.1	<0.05	8	<0.5	<0.2
1017616	Soil	15	32	1.34	354	0.244	<1	2.74	0.019	0.31	0.2	0.01	5.8	0.3	<0.05	8	<0.5	<0.2
1017632	Soil	65	63	1.14	405	0.203	<1	2.55	0.010	0.64	0.3	0.03	15.4	0.6	<0.05	10	0.8	<0.2
1017611	Soil	18	29	0.68	375	0.142	<1	1.85	0.018	0.11	0.2	0.01	3.9	0.2	<0.05	5	0.6	<0.2
1017608	Soil	16	28	0.82	415	0.108	<1	2.74	0.013	0.14	0.1	0.02	5.7	0.2	<0.05	7	<0.5	<0.2
1017609	Soil	29	30	1.12	614	0.056	<1	3.23	0.013	0.11	0.1	0.03	8.9	0.2	<0.05	9	<0.5	<0.2
1017605	Soil	12	29	0.80	365	0.101	<1	2.94	0.013	0.19	0.2	<0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1017610	Soil	12	30	0.99	340	0.149	<1	2.62	0.016	0.22	0.2	0.02	5.4	0.2	<0.05	7	<0.5	<0.2
1017606	Soil	10	28	0.79	394	0.158	1	2.67	0.011	0.16	0.2	0.02	3.1	0.3	<0.05	8	<0.5	<0.2
1017620	Soil	13	27	0.88	310	0.188	1	2.40	0.014	0.16	0.2	0.03	3.6	0.2	<0.05	8	<0.5	<0.2
1017631	Soil	23	19	0.77	249	0.117	2	2.25	0.010	0.41	0.1	0.02	8.1	0.4	<0.05	8	<0.5	<0.2
1017633	Soil	41	14	0.50	221	0.078	2	1.66	0.009	0.35	0.2	<0.01	7.7	0.4	<0.05	7	<0.5	<0.2
1017612	Soil	14	26	0.88	498	0.132	1	1.98	0.023	0.22	<0.1	0.02	6.1	0.3	<0.05	6	<0.5	<0.2
1017613	Soil	48	31	1.61	1009	0.258	<1	3.42	0.023	0.57	0.1	0.02	11.7	0.6	<0.05	11	<0.5	<0.2
1017625	Soil	20	23	0.98	369	0.197	1	2.48	0.016	0.37	0.1	0.02	5.2	0.4	<0.05	8	<0.5	<0.2
1017614	Soil	14	36	0.72	344	0.127	<1	2.56	0.014	0.10	0.1	0.01	3.6	0.2	<0.05	7	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BET
Report Date: July 11, 2011

CERTIFICATE OF ANALYSIS WHI11000370.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1017615	Soil	1.0	17.0	9.2	51	<0.1	12.9	9.6	376	2.73	7.1	1.2	2.4	8.6	24	<0.1	0.4	0.2	76	0.30	0.046
1017604	Soil	1.9	28.0	28.9	94	2.3	17.7	16.8	798	3.92	13.7	1.9	10.4	11.6	27	0.5	2.9	0.2	118	0.37	0.052
1017629	Soil	0.9	11.6	8.7	75	<0.1	12.5	13.4	588	3.97	9.3	1.2	0.7	10.9	23	<0.1	1.2	0.1	105	0.40	0.083
1017628	Soil	0.9	13.7	10.1	59	<0.1	18.2	11.7	320	3.23	10.8	0.8	2.4	7.6	24	<0.1	0.6	0.2	84	0.30	0.057
1017603	Soil	1.7	30.9	473.9	475	2.3	18.0	15.9	738	4.18	128.4	1.3	22.9	8.3	31	1.3	22.3	0.2	104	0.29	0.054
1017602	Soil	3.4	41.2	824.5	1090	2.5	15.8	18.6	1406	5.42	182.6	2.0	41.3	11.8	37	2.4	37.5	0.2	132	0.34	0.071
1017635	Soil	1.6	41.0	12.4	105	0.8	12.7	19.6	1064	5.78	296.3	3.6	97.4	11.9	43	0.5	1.7	0.8	150	0.59	0.083
1017627	Soil	0.7	15.2	9.9	58	<0.1	12.8	13.5	452	3.66	14.8	1.2	0.9	12.8	181	<0.1	1.9	0.1	95	0.37	0.057
1017755	Soil	0.8	21.3	9.5	65	<0.1	20.4	10.2	310	2.93	9.4	0.7	1.4	3.5	30	<0.1	0.9	0.2	64	0.27	0.047
1017753	Soil	14.4	117.5	9.2	78	0.3	13.7	26.0	839	5.46	6.9	1.2	1.4	6.9	150	0.2	2.1	0.4	184	3.08	0.112
1017536	Soil	3.3	55.8	32.9	106	0.4	48.7	13.5	610	3.43	71.6	1.2	2.1	6.5	30	0.4	1.4	0.3	51	0.34	0.048
1017773	Soil	0.6	23.7	8.2	48	<0.1	28.1	14.3	527	2.87	10.9	0.8	4.3	4.2	96	0.2	1.3	<0.1	58	4.84	0.079
1017537	Soil	3.8	72.8	14.6	165	0.5	65.1	16.5	684	3.95	75.4	1.4	1.6	6.4	31	0.5	1.5	0.3	51	0.32	0.079
1017766	Soil	0.8	39.9	21.6	94	<0.1	93.9	25.3	870	5.60	16.9	0.9	1.6	17.0	32	<0.1	0.8	0.2	113	0.64	0.084
1017535	Soil	1.8	37.8	67.0	148	0.5	37.1	16.2	953	3.47	71.5	1.8	4.1	6.2	58	1.2	2.1	0.4	42	1.14	0.067
1017751	Soil	1.1	6.2	17.4	81	<0.1	4.9	9.1	1100	3.50	116.8	2.6	15.4	28.2	11	<0.1	3.6	<0.1	50	0.25	0.054
1017752	Soil	0.8	9.6	10.3	121	<0.1	8.0	9.5	1268	5.12	43.2	1.4	7.7	29.7	16	0.1	11.2	<0.1	74	0.31	0.088
1017774	Soil	0.6	46.9	3.8	58	<0.1	43.5	31.7	881	6.59	6.5	0.8	<0.5	11.3	30	<0.1	0.5	<0.1	150	0.74	0.167
1017758	Soil	1.0	12.9	16.9	67	<0.1	15.5	8.9	392	2.83	113.2	1.2	16.1	21.7	26	0.1	7.9	0.3	56	0.34	0.047
1017762	Soil	3.9	71.4	44.6	78	0.1	47.9	17.1	509	4.22	19.2	1.9	3.6	8.2	20	<0.1	2.3	0.2	69	0.26	0.042
1017533	Soil	0.4	65.9	3.6	55	<0.1	53.9	34.0	935	5.76	7.2	0.6	0.8	11.3	25	<0.1	0.3	<0.1	149	0.84	0.116
1017538	Soil	1.0	9.8	9.4	117	<0.1	8.1	22.1	983	8.60	6.5	0.9	<0.5	10.4	48	<0.1	0.1	<0.1	49	0.85	0.295
1017539	Soil	1.2	17.4	5.4	91	<0.1	31.2	10.4	766	4.77	7.3	0.7	0.5	12.6	30	<0.1	0.3	<0.1	43	0.33	0.041
1017763	Soil	3.1	75.0	7.1	157	0.4	55.7	13.3	396	4.21	41.0	1.5	2.2	9.9	104	0.4	2.9	0.2	83	2.03	0.121
1017781	Soil	5.6	100.3	16.1	188	0.5	66.9	15.4	681	4.55	109.2	1.5	2.4	5.8	26	1.0	2.0	0.3	63	0.21	0.067
1017785	Soil	1.8	17.2	10.8	96	<0.1	25.2	9.8	688	4.45	8.5	1.5	2.8	16.4	46	<0.1	0.3	0.2	43	0.49	0.083
1017780	Soil	4.3	91.0	22.8	186	0.3	74.8	16.1	557	4.74	153.4	1.7	1.8	7.6	28	0.7	1.8	0.3	62	0.23	0.050
1017787	Soil	2.1	27.6	19.1	94	<0.1	61.3	18.2	555	4.91	14.7	1.8	6.3	20.3	40	0.1	0.5	0.2	76	0.55	0.098
1017778	Soil	1.1	24.0	22.7	75	0.2	46.1	16.1	637	3.53	26.3	1.2	2.6	7.6	34	0.3	2.1	0.3	57	0.91	0.041
1017779	Soil	3.9	87.7	60.7	188	0.8	59.4	20.4	2304	4.59	133.7	2.3	3.7	15.6	36	0.9	3.5	0.3	30	0.28	0.066

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Project: BET
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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1017615	Soil	16	28	0.64	388	0.121	<1	1.88	0.013	0.16	0.2	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1017604	Soil	16	37	0.95	672	0.217	1	3.12	0.017	0.21	0.2	0.05	4.2	0.4	<0.05	9	<0.5	<0.2
1017629	Soil	17	23	0.94	388	0.167	<1	2.43	0.012	0.30	0.2	0.02	5.4	0.3	<0.05	8	<0.5	<0.2
1017628	Soil	13	28	0.71	283	0.142	1	2.12	0.012	0.16	0.1	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1017603	Soil	12	33	1.00	497	0.182	1	2.79	0.021	0.34	0.1	0.04	5.4	0.4	0.09	7	<0.5	<0.2
1017602	Soil	16	32	1.12	745	0.200	<1	3.14	0.027	0.48	0.1	0.04	7.9	0.6	0.10	9	<0.5	<0.2
1017635	Soil	35	28	1.31	884	0.156	<1	2.92	0.032	0.32	<0.1	0.04	16.3	0.5	<0.05	10	<0.5	<0.2
1017627	Soil	18	26	0.93	553	0.155	<1	2.30	0.015	0.35	0.1	0.02	6.1	0.5	<0.05	8	<0.5	<0.2
1017755	Soil	13	30	0.56	360	0.055	1	1.99	0.011	0.06	0.1	0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1017753	Soil	20	19	1.88	357	0.008	2	2.88	0.009	0.11	0.2	0.06	19.5	<0.1	0.07	9	<0.5	<0.2
1017536	Soil	17	32	0.33	412	0.027	2	1.11	0.008	0.14	0.1	0.02	4.4	0.2	<0.05	3	0.6	<0.2
1017773	Soil	17	41	0.80	377	0.041	4	1.32	0.020	0.16	0.1	0.11	5.9	0.4	<0.05	4	<0.5	<0.2
1017537	Soil	17	26	0.15	467	0.005	1	0.61	0.004	0.09	<0.1	0.03	5.8	<0.1	<0.05	2	<0.5	<0.2
1017766	Soil	38	163	2.49	372	0.251	2	3.49	0.009	1.45	0.1	<0.01	4.6	0.6	<0.05	11	<0.5	<0.2
1017535	Soil	21	29	0.34	619	0.010	3	0.91	0.009	0.14	<0.1	0.04	4.6	0.2	<0.05	3	<0.5	<0.2
1017751	Soil	47	6	0.29	321	0.025	1	1.01	0.008	0.17	0.2	0.15	11.6	0.2	<0.05	4	<0.5	<0.2
1017752	Soil	27	11	0.80	490	0.204	2	2.19	0.011	0.76	0.2	0.02	13.9	0.8	<0.05	10	<0.5	<0.2
1017774	Soil	13	74	2.49	369	0.203	2	3.33	0.011	1.36	0.1	<0.01	8.2	0.6	<0.05	12	<0.5	<0.2
1017758	Soil	63	25	0.48	211	0.062	<1	1.62	0.011	0.09	0.2	0.04	3.9	0.2	<0.05	6	<0.5	<0.2
1017762	Soil	25	47	0.67	452	0.044	2	1.62	0.010	0.20	0.1	0.03	7.1	0.2	0.05	5	<0.5	<0.2
1017533	Soil	13	107	2.87	547	0.244	1	3.45	0.009	1.03	0.1	0.02	8.8	0.5	<0.05	11	<0.5	<0.2
1017538	Soil	12	13	1.86	660	0.283	<1	3.55	0.018	1.47	0.1	<0.01	5.9	0.6	<0.05	15	<0.5	<0.2
1017539	Soil	13	58	1.19	285	0.166	<1	2.53	0.007	0.77	0.1	<0.01	2.5	0.4	<0.05	9	<0.5	<0.2
1017763	Soil	40	63	1.34	635	0.095	<1	1.94	0.019	0.63	<0.1	0.01	4.5	0.7	0.20	7	1.4	<0.2
1017781	Soil	20	26	0.08	976	0.004	2	0.49	0.004	0.09	0.1	0.05	4.7	<0.1	<0.05	2	1.5	<0.2
1017785	Soil	50	45	1.01	346	0.095	1	2.19	0.011	0.35	0.1	0.02	4.0	0.2	<0.05	10	<0.5	<0.2
1017780	Soil	19	37	0.24	433	0.006	3	0.88	0.004	0.11	<0.1	0.02	6.6	0.2	<0.05	3	3.0	0.2
1017787	Soil	40	117	1.26	314	0.103	1	2.10	0.015	0.33	0.2	0.02	6.4	0.3	<0.05	8	<0.5	<0.2
1017778	Soil	17	55	0.52	540	0.030	2	1.44	0.016	0.11	0.1	0.08	4.5	0.2	<0.05	5	0.5	<0.2
1017779	Soil	42	17	0.12	628	0.004	3	0.64	0.006	0.13	<0.1	0.03	5.1	0.4	<0.05	2	2.1	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1017887	Soil	0.8	40.0	27.5	109	0.2	109.1	24.9	572	5.05	16.2	1.2	2.9	14.6	45	0.3	3.8	0.3	62	1.53	0.061
1017863	Soil	0.5	15.4	18.1	80	<0.1	12.5	7.6	470	3.16	5.1	1.2	<0.5	8.4	40	<0.1	5.7	0.2	64	0.56	0.088
1017864	Soil	1.5	43.0	9.7	67	<0.1	28.0	13.1	541	3.33	8.4	1.2	1.9	6.0	38	<0.1	1.3	0.2	81	0.66	0.048
1017866	Soil	2.2	40.7	11.4	118	0.1	41.4	9.9	499	2.41	25.5	0.9	<0.5	5.9	19	0.2	3.4	0.2	62	0.42	0.056
1017768	Soil	0.6	57.6	2.9	44	<0.1	45.1	33.6	981	5.89	15.7	1.1	1.6	7.7	112	<0.1	2.6	<0.1	151	4.02	0.124
1017769	Soil	0.5	45.0	12.2	49	0.1	111.1	35.7	872	5.72	9.2	1.0	1.2	15.6	65	<0.1	0.5	0.1	160	2.52	0.134
1017770	Soil	0.4	42.0	2.3	47	0.1	83.6	30.6	860	4.72	4.2	0.8	2.0	4.4	126	<0.1	0.6	<0.1	127	6.77	0.112
1017771	Soil	0.8	19.8	10.1	52	0.2	42.6	27.2	823	5.08	26.0	1.7	37.3	6.3	117	0.1	5.3	0.1	91	5.86	0.108
1017754	Soil	1.1	10.9	10.8	59	<0.1	15.8	7.7	847	2.60	4.7	0.8	<0.5	10.3	25	0.1	2.2	0.1	50	0.68	0.153
1017772	Soil	0.8	28.3	56.5	91	0.4	34.0	23.8	817	4.59	17.5	1.3	29.9	9.7	92	0.5	3.9	0.2	83	3.37	0.102
1017764	Soil	1.2	49.8	9.9	78	0.2	47.5	15.6	632	3.78	60.1	0.9	<0.5	7.7	28	0.1	1.6	0.2	86	0.91	0.073
1017765	Soil	0.9	33.9	12.8	64	<0.1	51.0	16.0	589	4.13	80.7	0.9	1.6	10.3	38	0.1	1.7	0.2	59	0.84	0.031
1017767	Soil	0.8	36.6	19.6	90	<0.1	89.1	23.6	732	4.95	16.8	0.8	<0.5	14.8	31	<0.1	1.1	0.3	93	0.60	0.044
1016236	Soil	1.2	14.9	6.5	127	<0.1	9.5	15.5	768	8.63	8.5	0.8	<0.5	9.6	49	<0.1	<0.1	<0.1	22	0.70	0.189
1017757	Soil	0.9	18.3	21.0	62	0.1	19.0	8.4	364	2.85	103.1	1.6	16.6	18.8	24	<0.1	22.0	0.3	54	0.26	0.027
1017756	Soil	1.1	9.2	25.2	60	0.2	11.5	7.1	435	2.20	156.3	0.9	2.7	11.1	24	0.1	8.4	0.5	34	0.23	0.031
1017760	Soil	3.2	71.7	22.3	167	0.2	75.7	17.6	573	4.48	126.5	1.7	4.9	9.2	46	0.3	9.4	0.3	65	0.39	0.067
1017761	Soil	3.4	80.2	17.4	167	0.3	80.0	19.1	781	4.88	114.5	1.9	5.9	9.4	40	0.4	12.6	0.3	69	0.79	0.076
1017759	Soil	1.4	12.7	9.6	48	0.2	14.6	12.3	1022	1.80	58.1	1.1	7.5	3.1	52	0.3	33.1	0.1	32	0.79	0.069

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1017887	Soil	39	118	1.27	314	0.079	4	2.33	0.010	0.62	<0.1	0.10	7.8	0.4	<0.05	7	0.6	<0.2
1017863	Soil	18	17	0.55	271	0.016	2	1.56	0.014	0.08	0.2	0.02	5.7	0.1	<0.05	7	0.7	<0.2
1017864	Soil	20	39	0.83	374	0.080	2	1.95	0.020	0.07	0.2	0.02	8.5	<0.1	<0.05	7	<0.5	<0.2
1017866	Soil	11	32	0.57	267	0.038	<1	1.30	0.005	0.18	<0.1	0.02	3.2	0.3	<0.05	5	0.7	<0.2
1017768	Soil	14	73	2.46	654	0.149	3	3.18	0.012	0.98	<0.1	0.04	10.7	0.4	<0.05	10	<0.5	<0.2
1017769	Soil	20	228	3.17	465	0.219	1	3.46	0.013	1.49	0.1	<0.01	10.7	1.1	<0.05	11	<0.5	<0.2
1017770	Soil	12	238	2.60	697	0.166	2	2.86	0.016	1.24	<0.1	0.03	6.9	0.4	<0.05	8	<0.5	<0.2
1017771	Soil	23	61	1.54	423	0.020	6	1.66	0.014	0.34	<0.1	0.05	12.2	0.2	<0.05	6	<0.5	<0.2
1017754	Soil	37	20	0.23	330	0.008	1	1.35	0.009	0.14	0.2	0.05	7.4	<0.1	<0.05	5	0.6	<0.2
1017772	Soil	33	48	1.68	401	0.065	4	2.45	0.017	0.51	0.1	0.07	8.2	0.3	<0.05	7	<0.5	<0.2
1017764	Soil	24	70	1.30	310	0.066	2	2.37	0.006	0.56	<0.1	0.02	5.7	0.3	<0.05	8	0.6	<0.2
1017765	Soil	33	56	0.82	304	0.065	3	1.97	0.016	0.37	0.1	0.04	6.1	0.3	<0.05	7	0.9	<0.2
1017767	Soil	31	156	2.02	341	0.195	2	3.16	0.009	1.27	0.1	0.01	5.2	0.6	<0.05	10	0.8	<0.2
1016236	Soil	11	17	1.47	776	0.391	<1	4.09	0.029	1.96	0.1	0.01	3.2	0.7	<0.05	12	0.6	<0.2
1017757	Soil	55	32	0.46	264	0.058	1	1.85	0.013	0.09	0.2	0.05	4.5	0.1	<0.05	5	0.7	<0.2
1017756	Soil	18	19	0.26	185	0.021	<1	1.22	0.016	0.08	0.3	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
1017760	Soil	20	40	0.47	611	0.035	3	1.27	0.006	0.41	0.2	0.20	6.3	1.5	<0.05	5	1.6	<0.2
1017761	Soil	22	42	0.49	701	0.028	3	1.17	0.006	0.32	0.1	0.19	6.9	1.9	<0.05	5	2.2	<0.2
1017759	Soil	20	21	0.36	274	0.044	2	1.09	0.019	0.07	0.1	0.10	2.7	0.1	0.09	4	0.7	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BET
Report Date: July 11, 2011

QUALITY CONTROL REPORT WHI11000370.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1016479	Soil	0.7	13.2	8.0	59	<0.1	17.7	12.4	367	3.33	9.7	0.6	0.7	8.2	30	<0.1	1.4	0.1	83	0.38	0.043
REP 1016479	QC	0.8	13.4	7.9	57	<0.1	17.2	12.2	363	3.24	9.1	0.7	1.1	8.3	31	<0.1	1.3	0.1	81	0.38	0.044
1016468	Soil	0.7	14.2	8.2	62	<0.1	14.4	11.2	737	2.84	7.9	0.5	2.8	3.8	18	0.1	0.8	0.1	74	0.23	0.055
REP 1016468	QC	0.7	14.7	8.1	67	<0.1	14.0	11.8	761	3.05	8.0	0.6	1.4	3.9	19	0.1	0.9	0.1	78	0.23	0.052
1017895	Soil	0.9	29.6	11.8	47	<0.1	26.6	10.7	363	2.80	8.3	1.1	1.7	18.5	29	<0.1	0.7	0.1	46	0.56	0.035
REP 1017895	QC	0.9	29.9	11.8	46	0.1	28.1	10.8	372	2.74	8.2	1.0	2.3	18.3	30	<0.1	0.7	0.1	50	0.57	0.034
1017712	Soil	1.4	11.9	11.1	42	<0.1	15.5	6.7	245	2.26	7.2	0.6	1.7	7.7	16	0.1	0.3	0.2	53	0.22	0.050
REP 1017712	QC	1.3	11.8	11.5	41	<0.1	15.5	6.6	238	2.16	7.1	0.6	1.7	7.7	16	0.1	0.3	0.2	53	0.22	0.051
1017868	Soil	1.4	29.7	10.3	82	<0.1	33.6	15.8	536	4.10	10.0	0.7	11.5	5.5	24	0.2	0.6	0.4	113	0.63	0.088
REP 1017868	QC	1.4	29.6	10.5	81	<0.1	33.1	15.5	523	4.05	9.5	0.7	1.1	5.4	24	0.1	0.5	0.4	111	0.62	0.088
1017782	Soil	2.6	20.8	14.7	61	<0.1	24.1	12.7	503	2.87	21.5	0.7	1.3	18.5	18	0.2	0.5	0.2	56	0.25	0.036
REP 1017782	QC	2.6	20.7	15.0	62	<0.1	23.8	12.7	498	2.85	20.9	0.7	6.4	19.1	18	0.2	0.6	0.2	56	0.26	0.036
1016471	Soil	0.5	25.7	4.8	61	<0.1	9.2	16.8	1650	4.36	3.8	2.0	5.5	8.5	58	<0.1	1.2	<0.1	141	0.57	0.106
REP 1016471	QC	0.5	25.5	5.0	62	0.1	8.8	17.0	1664	4.39	3.6	2.0	5.8	8.8	56	<0.1	1.4	<0.1	139	0.56	0.106
1017610	Soil	1.1	20.5	10.0	71	<0.1	12.4	15.5	528	3.85	11.8	1.0	2.7	7.4	24	0.1	1.7	0.1	107	0.37	0.068
REP 1017610	QC	1.0	19.9	9.9	69	<0.1	11.7	15.3	517	3.83	11.3	1.0	1.5	7.2	23	<0.1	1.8	0.1	104	0.35	0.068
1017538	Soil	1.0	9.8	9.4	117	<0.1	8.1	22.1	983	8.60	6.5	0.9	<0.5	10.4	48	<0.1	0.1	<0.1	49	0.85	0.295
REP 1017538	QC	1.0	9.5	9.0	117	<0.1	7.8	21.7	952	8.27	6.6	0.9	<0.5	9.6	47	0.1	<0.1	<0.1	48	0.82	0.281
1017887	Soil	0.8	40.0	27.5	109	0.2	109.1	24.9	572	5.05	16.2	1.2	2.9	14.6	45	0.3	3.8	0.3	62	1.53	0.061
REP 1017887	QC	0.9	38.3	27.4	110	0.2	107.8	25.3	612	5.36	16.3	1.1	11.2	14.0	44	0.3	3.9	0.3	65	1.55	0.057
1017756	Soil	1.1	9.2	25.2	60	0.2	11.5	7.1	435	2.20	156.3	0.9	2.7	11.1	24	0.1	8.4	0.5	34	0.23	0.031
REP 1017756	QC	1.0	9.1	25.0	59	0.1	11.3	7.1	444	2.21	161.6	0.9	4.5	11.3	24	0.2	8.8	0.5	38	0.24	0.030
Reference Materials																					
STD DS8	Standard	12.6	107.3	126.1	323	1.8	36.0	7.2	621	2.44	27.7	2.7	106.6	6.8	64	2.4	6.0	6.3	41	0.69	0.084
STD DS8	Standard	12.7	109.9	123.5	321	1.8	37.7	7.4	625	2.51	27.2	2.7	113.1	6.6	66	2.3	6.1	6.2	43	0.70	0.082
STD DS8	Standard	13.2	114.2	130.9	329	1.8	40.9	8.0	638	2.60	26.1	3.1	120.6	7.5	75	2.5	6.0	6.8	45	0.71	0.081
STD DS8	Standard	13.4	112.3	125.9	327	1.7	41.3	8.0	643	2.55	26.0	3.0	112.4	7.5	76	2.1	6.1	6.4	42	0.72	0.084
STD DS8	Standard	13.4	112.1	127.8	314	1.8	40.2	7.5	612	2.46	25.5	2.7	108.1	6.7	60	2.3	5.5	6.2	44	0.67	0.077

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Project: BET
Report Date: July 11, 2011

QUALITY CONTROL REPORT WHI11000370.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1016479	Soil	9	23	0.80	257	0.130	<1	2.90	0.013	0.16	0.1	0.02	4.3	0.2	<0.05	8	<0.5	<0.2
REP 1016479	QC	9	22	0.78	262	0.130	<1	2.84	0.013	0.16	0.1	0.02	4.2	0.2	<0.05	8	<0.5	<0.2
1016468	Soil	8	24	0.68	329	0.098	<1	1.92	0.011	0.13	0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
REP 1016468	QC	9	26	0.65	345	0.098	<1	1.96	0.010	0.12	<0.1	<0.01	3.9	0.1	<0.05	7	<0.5	<0.2
1017895	Soil	29	41	0.60	220	0.063	<1	1.64	0.017	0.09	0.1	0.03	4.6	<0.1	<0.05	5	0.5	<0.2
REP 1017895	QC	29	42	0.59	219	0.063	<1	1.58	0.015	0.10	0.1	0.04	4.3	<0.1	<0.05	5	<0.5	<0.2
1017712	Soil	16	28	0.35	205	0.043	<1	1.40	0.009	0.05	0.3	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
REP 1017712	QC	16	28	0.35	205	0.044	<1	1.36	0.008	0.05	0.2	<0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
1017868	Soil	10	53	1.43	391	0.117	<1	2.65	0.017	0.33	<0.1	0.02	5.9	0.3	<0.05	9	<0.5	<0.2
REP 1017868	QC	10	51	1.48	408	0.111	<1	2.71	0.017	0.32	<0.1	0.01	5.7	0.3	<0.05	9	<0.5	<0.2
1017782	Soil	13	37	0.43	315	0.069	2	1.79	0.009	0.13	<0.1	<0.01	2.9	0.1	<0.05	5	<0.5	<0.2
REP 1017782	QC	13	37	0.44	307	0.065	<1	1.87	0.009	0.12	0.1	0.01	3.2	0.1	<0.05	5	<0.5	<0.2
1016471	Soil	22	26	1.53	706	0.115	<1	2.71	0.028	0.28	<0.1	0.04	15.3	0.3	<0.05	8	<0.5	<0.2
REP 1016471	QC	22	25	1.50	688	0.112	<1	2.64	0.023	0.28	<0.1	0.03	15.0	0.3	<0.05	8	0.9	<0.2
1017610	Soil	12	30	0.99	340	0.149	<1	2.62	0.016	0.22	0.2	0.02	5.4	0.2	<0.05	7	<0.5	<0.2
REP 1017610	QC	12	29	0.98	328	0.139	<1	2.57	0.015	0.21	0.1	0.02	5.1	0.2	<0.05	7	<0.5	<0.2
1017538	Soil	12	13	1.86	660	0.283	<1	3.55	0.018	1.47	0.1	<0.01	5.9	0.6	<0.05	15	<0.5	<0.2
REP 1017538	QC	12	12	1.80	635	0.273	<1	3.51	0.016	1.44	0.1	<0.01	5.8	0.6	<0.05	15	<0.5	<0.2
1017887	Soil	39	118	1.27	314	0.079	4	2.33	0.010	0.62	<0.1	0.10	7.8	0.4	<0.05	7	0.6	<0.2
REP 1017887	QC	38	123	1.28	305	0.081	4	2.30	0.010	0.65	0.1	0.09	7.9	0.4	<0.05	7	0.8	<0.2
1017756	Soil	18	19	0.26	185	0.021	<1	1.22	0.016	0.08	0.3	0.03	2.4	0.1	<0.05	4	<0.5	<0.2
REP 1017756	QC	18	20	0.25	192	0.024	<1	1.26	0.013	0.09	0.3	0.02	2.5	0.2	<0.05	4	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	113	0.64	279	0.114	2	0.91	0.096	0.45	3.2	0.21	2.0	5.6	0.18	5	5.3	4.6
STD DS8	Standard	14	120	0.60	288	0.122	2	0.90	0.094	0.44	3.3	0.19	1.8	5.5	0.16	5	5.9	5.3
STD DS8	Standard	16	125	0.63	299	0.131	3	1.04	0.129	0.45	3.1	0.20	2.6	5.9	0.10	5	6.3	5.2
STD DS8	Standard	16	121	0.63	290	0.119	3	1.10	0.124	0.47	3.3	0.19	2.5	5.7	0.16	5	6.0	5.0
STD DS8	Standard	14	119	0.61	270	0.113	2	0.88	0.082	0.40	3.1	0.21	1.9	5.3	0.18	5	5.5	5.4

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Project: BET
Report Date: July 11, 2011

QUALITY CONTROL REPORT WHI11000370.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	14.1	111.3	134.4	324	1.8	39.6	7.5	605	2.45	25.6	2.7	117.3	7.0	63	2.3	5.4	6.4	43	0.67	0.077
STD DS8	Standard	13.4	108.1	136.7	315	1.9	38.9	7.5	648	2.50	25.7	3.0	118.2	7.7	72	2.3	6.0	6.8	44	0.69	0.084
STD DS8	Standard	14.1	112.9	133.9	323	1.8	38.6	7.9	658	2.52	26.0	3.0	105.3	7.7	71	2.2	5.9	7.0	44	0.67	0.080
STD DS8	Standard	13.5	112.7	128.5	304	1.8	41.4	7.8	621	2.54	25.3	2.6	100.6	6.7	60	2.2	5.0	6.5	43	0.67	0.077
STD DS8	Standard	13.3	110.1	121.3	298	1.6	39.2	7.5	608	2.47	24.1	2.6	133.1	6.8	59	2.3	5.0	6.4	43	0.66	0.074
STD DS8	Standard	13.7	113.4	120.5	310	1.8	38.1	7.6	595	2.38	26.2	2.7	106.9	6.5	59	2.1	4.6	5.8	44	0.68	0.082
STD DS8	Standard	13.4	118.0	120.8	326	1.8	41.6	7.8	625	2.48	26.9	2.5	111.0	6.4	61	2.3	4.5	5.9	47	0.71	0.089
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: BET
Report Date: July 11, 2011

QUALITY CONTROL REPORT WHI11000370.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	119	0.62	281	0.115	<1	0.89	0.081	0.42	3.1	0.22	1.9	5.6	0.19	5	5.2	5.5
STD DS8	Standard	15	124	0.63	275	0.118	2	0.95	0.094	0.43	3.2	0.20	2.1	5.6	0.19	5	5.1	5.0
STD DS8	Standard	15	126	0.62	287	0.118	3	0.95	0.095	0.43	3.2	0.19	2.2	5.5	0.15	5	5.5	5.6
STD DS8	Standard	14	123	0.63	281	0.112	4	0.91	0.082	0.40	3.0	0.23	1.9	5.4	0.16	5	5.5	4.8
STD DS8	Standard	14	122	0.59	275	0.113	4	0.88	0.080	0.39	3.1	0.19	1.8	5.1	0.16	4	5.0	4.8
STD DS8	Standard	15	120	0.61	278	0.122	4	0.97	0.101	0.44	2.7	0.21	2.2	5.2	0.16	4	5.0	5.2
STD DS8	Standard	15	126	0.57	277	0.132	1	1.00	0.089	0.43	2.8	0.20	2.6	5.1	0.20	4	5.3	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 20, 2011
Report Date: July 14, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000377.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 259

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	259	Dry at 60C			VAN
SS80	259	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	259	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030860	Soil	0.9	42.3	6.9	86	<0.1	30.7	12.9	647	3.56	7.6	0.8	3.7	3.8	56	<0.1	0.7	0.1	74	0.53	0.094
1030853	Soil	0.9	24.2	6.1	74	<0.1	21.9	15.7	714	3.93	7.8	0.6	1.2	3.1	25	<0.1	0.5	0.1	75	0.47	0.055
1030854	Soil	0.8	22.3	6.6	66	<0.1	37.6	23.7	696	5.69	9.4	0.9	<0.5	4.6	29	<0.1	0.6	0.1	157	0.55	0.048
1030852	Soil	0.7	27.6	8.0	60	<0.1	24.3	10.8	381	2.67	10.1	0.5	2.0	4.7	37	0.1	0.7	0.2	56	0.59	0.049
1030851	Soil	0.7	42.1	7.6	62	0.1	26.8	11.8	395	2.65	8.4	0.5	2.1	4.6	41	0.1	0.7	0.1	60	0.88	0.064
1030870	Soil	0.6	7.0	4.7	114	<0.1	7.5	12.4	723	4.54	2.5	0.4	<0.5	1.6	68	<0.1	0.3	<0.1	98	0.65	0.115
1030868	Soil	0.7	6.2	5.6	92	<0.1	10.4	12.0	592	3.33	2.9	0.3	<0.5	2.2	39	<0.1	0.3	<0.1	71	0.56	0.130
1030869	Soil	0.8	6.6	4.4	121	<0.1	7.6	13.5	953	3.71	2.2	0.2	0.6	1.6	51	0.1	0.3	<0.1	77	0.75	0.182
1030867	Soil	0.8	20.7	8.0	77	<0.1	21.2	12.4	591	3.39	9.5	0.6	1.0	3.8	45	<0.1	0.6	0.2	71	0.52	0.098
1030857	Soil	0.5	21.6	2.8	66	<0.1	13.3	20.8	888	5.52	3.0	0.5	1.1	1.8	23	<0.1	0.3	<0.1	123	0.48	0.047
1030855	Soil	1.4	117.1	22.4	222	0.1	14.5	28.0	1012	6.51	4.3	0.7	0.8	3.3	32	0.2	0.2	0.2	144	0.56	0.086
1030856	Soil	1.2	44.8	8.5	60	<0.1	19.5	15.8	903	3.76	8.1	0.6	2.1	3.9	31	<0.1	0.5	0.2	81	0.59	0.039
1020601	Soil	0.6	6.6	4.9	113	<0.1	8.4	12.6	825	3.74	2.5	0.3	<0.5	1.3	54	<0.1	0.3	<0.1	82	0.56	0.109
1020602	Soil	0.5	3.5	2.9	129	<0.1	7.0	14.4	890	3.85	1.0	0.1	<0.5	0.7	39	<0.1	0.1	<0.1	74	0.64	0.210
1020604	Soil	0.6	7.7	5.0	134	<0.1	11.9	16.8	1282	5.47	5.5	0.2	<0.5	1.9	56	<0.1	0.4	<0.1	116	0.90	0.228
1020603	Soil	0.4	4.9	3.7	146	<0.1	8.9	18.0	950	5.11	3.4	0.1	<0.5	0.8	51	<0.1	0.2	<0.1	108	0.73	0.211
1020605	Soil	0.3	7.1	3.6	135	<0.1	8.9	17.2	975	4.71	3.0	0.3	<0.5	1.5	51	<0.1	0.2	<0.1	99	0.99	0.291
1030858	Soil	0.7	28.7	4.3	89	<0.1	16.3	21.4	1275	6.59	5.4	1.6	1.2	5.6	31	<0.1	0.4	<0.1	120	0.60	0.096
1029642	Soil	0.5	4.7	3.9	65	<0.1	6.2	8.9	723	2.75	1.4	0.6	<0.5	5.7	90	<0.1	0.1	<0.1	61	0.86	0.222
1020608	Soil	0.8	54.4	5.6	128	0.3	14.3	13.1	732	3.83	1.0	0.2	1.9	0.8	73	0.1	0.2	<0.1	76	0.56	0.111
1029641	Soil	0.7	15.2	6.5	87	<0.1	15.0	11.8	556	3.95	7.4	0.6	84.1	3.2	32	<0.1	0.5	0.1	87	0.54	0.180
1029640	Soil	0.7	8.1	6.3	100	<0.1	13.3	13.2	853	3.28	3.4	0.4	1.5	2.4	42	<0.1	0.3	0.1	69	0.42	0.096
1020607	Soil	0.8	8.8	5.4	104	<0.1	10.2	12.7	590	3.61	5.0	0.2	1.7	2.5	35	<0.1	0.3	<0.1	86	0.48	0.167
1020606	Soil	0.7	9.6	4.6	105	<0.1	9.3	11.4	585	3.68	5.3	0.4	2.6	2.3	50	<0.1	0.3	<0.1	74	0.86	0.246
1030865	Soil	0.7	14.6	6.9	66	<0.1	16.6	10.6	532	3.10	7.3	0.6	1.5	5.1	29	<0.1	0.5	0.1	60	0.37	0.057
1030866	Soil	0.9	10.8	5.7	78	0.1	13.3	12.0	718	3.32	5.6	0.4	0.5	2.7	45	<0.1	0.4	0.1	71	0.54	0.101
1030861	Soil	0.9	12.0	7.0	73	<0.1	16.4	10.1	732	2.73	4.3	0.4	1.0	2.9	53	0.1	0.4	0.1	55	0.52	0.061
1030863	Soil	0.7	39.7	3.6	105	0.1	14.7	13.5	960	5.09	4.0	0.5	1.0	2.5	24	<0.1	0.3	<0.1	106	0.44	0.079
1030864	Soil	1.2	28.4	6.4	97	<0.1	28.2	15.5	953	4.59	7.2	0.5	0.6	3.2	28	<0.1	0.5	0.1	98	0.50	0.084
1030862	Soil	1.0	11.0	7.0	75	0.1	13.9	10.4	698	2.81	4.0	0.4	<0.5	3.1	50	0.1	0.4	0.1	61	0.42	0.070

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030860	Soil	19	36	0.96	267	0.057	<1	1.84	0.016	0.10	0.2	0.06	6.7	<0.1	<0.05	6	0.7	<0.2
1030853	Soil	9	23	1.06	320	0.167	1	1.95	0.015	0.27	0.1	0.01	4.6	<0.1	<0.05	6	<0.5	<0.2
1030854	Soil	20	70	1.80	412	0.042	2	2.65	0.014	0.16	<0.1	0.02	21.9	<0.1	<0.05	9	0.8	<0.2
1030852	Soil	14	29	0.58	349	0.083	2	1.50	0.014	0.18	0.2	0.02	4.7	<0.1	<0.05	4	<0.5	<0.2
1030851	Soil	14	29	0.75	279	0.088	3	1.44	0.019	0.13	0.2	0.03	4.3	<0.1	<0.05	4	0.5	<0.2
1030870	Soil	6	14	1.00	300	0.040	<1	2.82	0.018	0.14	0.2	<0.01	7.7	<0.1	<0.05	11	<0.5	<0.2
1030868	Soil	7	16	0.86	379	0.067	<1	1.99	0.017	0.14	0.1	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
1030869	Soil	5	13	1.08	593	0.090	2	2.24	0.019	0.32	<0.1	0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
1030867	Soil	9	31	0.74	315	0.089	2	1.93	0.017	0.19	0.1	0.01	5.6	<0.1	<0.05	6	<0.5	<0.2
1030857	Soil	8	16	1.57	514	0.142	1	2.68	0.010	0.55	<0.1	<0.01	11.2	<0.1	<0.05	10	<0.5	<0.2
1030855	Soil	11	29	1.84	506	0.031	<1	3.24	0.014	0.15	<0.1	0.02	11.7	<0.1	<0.05	11	1.6	<0.2
1030856	Soil	11	30	0.78	491	0.078	2	2.12	0.014	0.15	0.1	<0.01	7.2	<0.1	<0.05	6	<0.5	<0.2
1020601	Soil	6	14	0.98	367	0.100	<1	2.23	0.022	0.16	<0.1	0.01	4.6	<0.1	<0.05	8	<0.5	<0.2
1020602	Soil	2	11	1.46	299	0.128	<1	2.25	0.024	0.22	<0.1	<0.01	2.8	<0.1	<0.05	9	<0.5	<0.2
1020604	Soil	6	20	1.99	376	0.044	<1	2.95	0.012	0.09	0.1	<0.01	11.1	<0.1	<0.05	13	<0.5	<0.2
1020603	Soil	3	14	1.85	376	0.159	1	2.87	0.017	0.50	<0.1	<0.01	5.6	<0.1	<0.05	11	<0.5	<0.2
1020605	Soil	3	16	1.77	527	0.172	<1	2.66	0.024	0.70	<0.1	<0.01	3.4	<0.1	<0.05	10	<0.5	<0.2
1030858	Soil	16	14	1.58	542	0.118	<1	2.68	0.015	0.37	<0.1	<0.01	13.4	<0.1	<0.05	11	<0.5	<0.2
1029642	Soil	15	12	0.76	388	0.123	<1	1.62	0.043	0.46	<0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1020608	Soil	3	24	1.07	457	0.145	<1	2.26	0.022	0.23	<0.1	0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1029641	Soil	9	27	1.06	332	0.181	<1	2.33	0.021	0.44	0.1	0.02	4.2	0.1	<0.05	8	<0.5	<0.2
1029640	Soil	8	22	0.79	428	0.131	<1	1.76	0.013	0.35	0.2	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1020607	Soil	7	19	1.17	390	0.179	<1	2.39	0.018	0.60	<0.1	<0.01	3.0	0.1	<0.05	7	<0.5	<0.2
1020606	Soil	11	17	1.08	228	0.120	1	2.20	0.036	0.17	0.1	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1030865	Soil	14	26	0.64	428	0.049	2	1.50	0.009	0.23	0.1	<0.01	4.9	<0.1	<0.05	6	<0.5	<0.2
1030866	Soil	7	21	0.85	264	0.072	1	1.88	0.015	0.26	0.2	<0.01	3.9	<0.1	0.06	8	<0.5	<0.2
1030861	Soil	9	32	0.56	368	0.042	2	1.72	0.009	0.13	0.2	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1030863	Soil	6	19	1.34	264	0.152	2	2.39	0.013	0.36	0.2	0.01	8.7	<0.1	<0.05	11	<0.5	<0.2
1030864	Soil	8	50	1.22	326	0.106	2	2.19	0.014	0.33	0.1	<0.01	7.9	<0.1	<0.05	9	<0.5	<0.2
1030862	Soil	9	29	0.62	334	0.047	1	1.72	0.011	0.11	0.2	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030859	Soil	2.2	58.9	8.2	65	0.1	17.5	13.4	856	3.88	8.9	1.2	2.8	4.1	21	<0.1	0.4	0.1	51	0.40	0.038
1011156	Soil	0.8	30.7	6.0	46	0.1	19.7	9.6	404	2.38	8.2	0.6	2.7	3.2	54	<0.1	0.6	<0.1	51	1.27	0.057
1011165	Soil	0.4	63.3	2.6	70	<0.1	36.7	24.0	545	4.17	5.0	0.8	1.8	3.3	17	<0.1	0.3	<0.1	103	0.74	0.088
1011157	Soil	0.9	17.3	8.0	51	<0.1	16.9	10.7	611	2.76	5.6	0.4	0.7	3.8	30	<0.1	0.4	0.1	54	0.46	0.031
1011164	Soil	0.8	31.5	7.9	44	<0.1	28.9	10.4	318	2.58	11.5	0.5	1.6	4.9	27	<0.1	0.7	0.1	58	0.34	0.047
1011166	Soil	0.5	44.0	6.2	55	<0.1	26.2	14.2	406	2.93	8.2	0.6	3.1	4.9	27	<0.1	0.5	<0.1	64	0.57	0.060
1011167	Soil	0.5	70.8	4.2	68	0.3	27.0	17.0	570	3.26	7.2	0.6	5.0	4.8	62	<0.1	0.4	<0.1	75	2.72	0.071
1011168	Soil	0.6	39.4	7.0	61	<0.1	27.8	12.8	455	2.72	8.3	0.6	0.8	4.3	37	<0.1	0.5	0.1	62	0.64	0.056
1011160	Soil	0.7	28.9	8.5	50	<0.1	30.8	10.2	300	2.63	11.8	0.5	5.9	5.0	26	<0.1	0.7	0.1	55	0.34	0.020
1011174	Soil	0.7	33.9	7.5	44	0.1	27.2	9.6	399	2.34	9.5	0.7	3.9	4.4	37	<0.1	0.8	0.1	49	0.55	0.066
1011175	Soil	0.6	35.6	6.2	53	<0.1	32.6	15.7	395	3.16	9.6	0.6	12.9	3.9	24	<0.1	0.6	0.2	70	0.46	0.058
1011152	Soil	0.9	20.5	6.7	47	0.1	18.8	8.0	312	2.11	8.6	1.2	3.8	3.1	37	<0.1	0.6	0.1	47	0.63	0.066
1011176	Soil	0.8	26.7	7.9	60	<0.1	22.7	11.9	431	2.91	9.4	0.7	0.6	4.7	27	<0.1	0.7	0.1	63	0.44	0.044
1011177	Soil	0.7	33.5	8.5	62	<0.1	26.8	11.5	397	2.62	9.9	0.7	3.1	5.6	29	0.1	0.7	0.1	58	0.44	0.051
1011178	Soil	0.8	40.0	8.4	51	<0.1	30.7	10.7	402	2.54	10.4	1.0	11.9	5.1	29	<0.1	0.8	0.1	55	0.39	0.074
1011161	Soil	0.8	15.5	8.1	55	<0.1	20.7	10.7	435	2.86	8.7	0.7	2.0	4.2	23	0.1	0.6	0.2	59	0.38	0.061
1011158	Soil	0.7	27.4	7.1	57	<0.1	20.0	14.3	620	3.41	9.9	0.6	1.2	3.9	29	0.1	0.5	0.1	72	0.54	0.032
1011183	Soil	0.7	57.9	6.2	60	0.3	29.5	11.8	402	2.54	10.2	0.5	4.8	2.9	60	0.2	0.7	0.1	58	2.96	0.070
1011182	Soil	0.7	42.1	7.3	71	0.1	24.9	13.2	542	2.93	9.4	0.6	3.4	4.6	34	0.1	0.6	0.1	70	0.56	0.057
1011181	Soil	0.7	42.4	7.3	72	0.1	26.7	12.9	520	2.99	9.5	0.6	9.0	4.3	35	0.1	0.6	0.1	68	0.57	0.057
1011153	Soil	0.9	28.8	4.9	51	<0.1	21.7	10.0	684	2.64	8.0	0.5	4.9	3.0	75	0.1	0.6	<0.1	59	2.04	0.104
1011180	Soil	0.7	37.1	8.3	77	<0.1	22.5	14.4	632	3.26	7.1	0.6	<0.5	3.7	34	<0.1	0.5	0.1	74	0.64	0.069
1011179	Soil	0.7	91.2	6.3	73	0.2	23.2	14.2	556	3.02	9.4	0.5	4.3	3.1	50	0.2	0.6	0.1	68	2.04	0.099
1011162	Soil	0.8	27.1	4.2	80	<0.1	17.8	20.3	872	4.68	7.8	0.5	3.7	2.8	27	<0.1	0.5	<0.1	77	0.57	0.054
1011154	Soil	0.5	37.8	3.6	102	<0.1	16.3	28.2	1198	6.82	3.8	0.4	0.6	2.3	105	0.1	0.3	0.1	225	3.03	0.054
1011159	Soil	0.9	24.8	7.5	46	<0.1	21.8	10.3	380	2.83	8.8	0.5	0.9	4.6	27	<0.1	0.6	0.2	62	0.41	0.019
1011173	Soil	0.6	38.3	6.0	51	<0.1	27.1	10.8	355	2.59	8.2	0.6	14.5	4.5	27	<0.1	0.5	<0.1	64	0.45	0.059
1011171	Soil	0.5	41.3	6.8	66	0.2	27.8	14.2	613	2.83	8.4	0.5	3.2	2.9	50	0.2	0.6	0.2	63	2.03	0.078
1011172	Soil	0.4	57.2	3.1	61	<0.1	46.4	17.8	408	3.23	5.3	0.5	1.7	3.7	34	<0.1	0.2	<0.1	71	0.75	0.132
1011170	Soil	0.7	26.6	7.0	64	<0.1	23.2	12.5	625	2.58	8.3	0.5	2.9	3.8	33	<0.1	0.5	0.1	56	0.63	0.050

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Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030859	Soil	21	16	0.28	599	0.007	1	1.20	0.007	0.14	<0.1	0.02	7.1	<0.1	<0.05	4	0.5	<0.2
1011156	Soil	12	22	0.62	346	0.048	2	1.01	0.017	0.09	0.2	0.04	3.6	<0.1	0.06	4	<0.5	<0.2
1011165	Soil	7	30	2.03	196	0.348	1	2.60	0.019	0.21	<0.1	0.01	3.7	<0.1	<0.05	9	<0.5	<0.2
1011157	Soil	11	27	0.55	406	0.060	3	1.43	0.015	0.29	0.1	0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1011164	Soil	17	33	0.60	220	0.077	2	1.37	0.015	0.13	0.1	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
1011166	Soil	14	27	0.95	187	0.145	2	1.53	0.019	0.09	0.2	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1011167	Soil	14	34	1.60	222	0.138	2	2.02	0.014	0.13	0.1	0.09	3.9	<0.1	<0.05	7	<0.5	<0.2
1011168	Soil	14	34	0.89	348	0.098	2	1.82	0.015	0.14	0.1	<0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1011160	Soil	17	30	0.55	224	0.075	2	1.35	0.017	0.13	0.2	0.04	4.4	<0.1	<0.05	4	<0.5	<0.2
1011174	Soil	14	24	0.56	289	0.067	<1	1.03	0.022	0.09	0.1	0.05	3.3	<0.1	<0.05	3	<0.5	<0.2
1011175	Soil	13	37	1.03	276	0.166	1	1.99	0.013	0.36	0.1	0.02	4.1	0.2	<0.05	6	<0.5	<0.2
1011152	Soil	12	23	0.49	272	0.054	1	1.11	0.019	0.06	0.2	0.06	2.9	<0.1	<0.05	4	<0.5	<0.2
1011176	Soil	14	36	0.68	276	0.080	2	1.73	0.013	0.12	0.3	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1011177	Soil	16	35	0.69	258	0.091	1	1.44	0.016	0.09	0.2	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
1011178	Soil	16	33	0.55	248	0.079	1	1.36	0.016	0.10	0.2	0.07	4.2	<0.1	<0.05	4	<0.5	<0.2
1011161	Soil	13	32	0.55	251	0.078	2	1.60	0.012	0.22	0.2	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1011158	Soil	13	28	0.82	313	0.075	2	1.96	0.013	0.12	0.1	0.03	4.8	<0.1	<0.05	6	0.5	<0.2
1011183	Soil	12	26	0.85	307	0.098	3	1.37	0.018	0.24	0.2	0.09	3.1	<0.1	0.06	4	<0.5	<0.2
1011182	Soil	13	34	0.86	312	0.113	3	1.75	0.016	0.13	0.2	0.04	4.0	<0.1	<0.05	6	<0.5	<0.2
1011181	Soil	13	33	0.86	330	0.109	3	1.76	0.017	0.13	0.2	0.04	4.1	<0.1	<0.05	6	<0.5	<0.2
1011153	Soil	12	22	0.71	247	0.073	3	1.20	0.023	0.14	0.2	0.05	3.3	<0.1	<0.05	4	<0.5	<0.2
1011180	Soil	12	33	1.03	355	0.144	2	1.93	0.018	0.30	0.2	0.04	4.1	<0.1	<0.05	6	0.8	<0.2
1011179	Soil	12	26	1.00	374	0.130	4	1.67	0.018	0.38	0.2	0.05	3.2	0.1	<0.05	6	0.6	<0.2
1011162	Soil	11	17	1.50	215	0.134	1	2.83	0.009	0.09	0.2	0.02	4.2	<0.1	<0.05	8	<0.5	<0.2
1011154	Soil	9	26	3.48	515	0.032	2	3.51	0.015	0.09	<0.1	0.04	17.6	<0.1	<0.05	13	<0.5	<0.2
1011159	Soil	15	31	0.58	303	0.066	1	1.63	0.013	0.13	0.2	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2
1011173	Soil	15	26	0.80	225	0.105	2	1.41	0.019	0.17	0.2	0.05	3.5	<0.1	<0.05	5	<0.5	<0.2
1011171	Soil	13	30	1.00	343	0.085	4	1.95	0.016	0.15	0.2	0.06	3.5	<0.1	0.06	6	<0.5	<0.2
1011172	Soil	12	46	1.53	325	0.216	1	2.12	0.023	0.45	<0.1	0.03	3.2	<0.1	<0.05	8	0.6	<0.2
1011170	Soil	15	29	0.70	376	0.061	2	1.63	0.011	0.13	0.2	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011163	Soil	0.6	30.5	8.0	44	<0.1	28.5	10.0	404	2.29	11.5	0.5	5.4	4.0	30	<0.1	0.6	0.2	50	0.42	0.058
1011169	Soil	0.9	27.0	8.9	58	0.2	26.0	10.4	364	2.45	11.4	1.0	4.6	4.7	24	<0.1	0.7	0.2	51	0.35	0.081
1011155	Soil	0.5	65.7	5.3	65	0.1	17.0	19.4	866	4.20	4.4	0.7	2.8	1.7	104	<0.1	0.5	<0.1	91	3.92	0.051
1013556	Soil	0.9	29.2	13.5	51	<0.1	22.5	11.5	466	2.74	6.0	0.8	4.0	2.6	22	<0.1	0.4	0.2	65	0.28	0.045
1013555	Soil	0.8	35.8	6.4	50	<0.1	22.1	12.8	387	2.69	6.5	0.6	2.2	2.2	28	0.1	0.3	0.1	64	0.32	0.051
1013554	Soil	0.9	38.6	7.2	65	<0.1	26.2	14.0	488	3.22	8.5	0.7	4.3	3.5	28	<0.1	0.5	0.2	65	0.42	0.065
1013553	Soil	1.0	50.0	9.1	70	0.1	24.7	11.6	403	3.28	9.0	1.2	4.0	3.3	29	<0.1	0.4	0.2	68	0.44	0.056
1013552	Soil	0.9	32.5	7.6	68	<0.1	24.7	13.1	440	3.33	8.2	0.8	3.6	3.0	30	<0.1	0.3	0.2	67	0.38	0.061
1011680	Soil	2.5	24.9	7.1	68	0.1	24.1	15.7	684	3.21	5.8	2.8	2.6	2.7	42	<0.1	0.3	0.1	63	0.66	0.087
1011679	Soil	1.2	23.4	7.6	71	<0.1	21.4	13.1	514	3.16	7.4	0.7	2.9	3.6	28	<0.1	0.3	0.1	63	0.48	0.068
1011678	Soil	0.9	31.5	7.6	82	<0.1	22.3	15.4	563	3.28	4.5	0.6	2.6	4.3	37	0.1	0.3	0.2	68	0.48	0.092
1011676	Soil	0.4	27.7	6.4	84	<0.1	26.0	16.0	590	3.51	5.2	0.8	1.3	5.9	40	<0.1	0.3	0.1	67	0.61	0.094
1011675	Soil	1.0	28.4	8.6	61	0.1	24.3	12.2	475	2.98	8.2	0.9	3.4	3.6	26	0.1	0.4	0.1	64	0.35	0.066
1011677	Soil	1.0	24.5	8.0	61	0.1	21.7	11.6	406	2.91	6.3	0.8	1.4	4.4	30	<0.1	0.3	0.1	64	0.38	0.063
1013578	Soil	0.9	15.5	7.2	75	<0.1	20.4	12.9	327	3.63	6.2	0.7	1.1	2.8	15	<0.1	0.4	0.3	64	0.15	0.023
1013577	Soil	0.4	59.8	2.6	29	<0.1	38.1	13.9	233	1.91	3.2	0.2	<0.5	1.3	90	<0.1	0.1	<0.1	49	1.01	0.077
1013576	Soil	0.5	31.3	4.2	38	<0.1	24.4	14.7	286	2.56	3.8	0.2	<0.5	0.9	74	<0.1	0.2	<0.1	70	0.60	0.049
1013575	Soil	0.7	27.5	5.1	46	<0.1	21.4	12.0	314	2.56	6.8	0.4	0.5	2.7	30	<0.1	0.3	0.1	67	0.34	0.030
1013574	Soil	0.9	29.1	6.8	52	<0.1	28.2	13.1	308	2.79	8.9	0.4	1.6	1.5	30	0.1	0.4	0.2	68	0.37	0.102
1013573	Soil	1.0	23.6	6.6	70	0.2	27.4	13.1	440	3.44	7.3	0.3	<0.5	1.8	27	0.1	0.3	0.1	90	0.36	0.054
1013572	Soil	0.7	31.4	7.6	56	<0.1	25.4	12.5	385	3.06	8.8	0.9	0.8	4.5	24	<0.1	0.4	0.1	69	0.30	0.025
1013571	Soil	1.0	25.0	6.6	61	<0.1	20.2	13.1	471	3.21	6.5	0.7	3.6	4.0	23	<0.1	0.3	0.1	72	0.33	0.032
1013567	Soil	1.1	32.4	6.9	67	<0.1	16.2	16.3	922	3.46	6.5	0.7	<0.5	4.5	15	<0.1	0.3	0.1	62	0.22	0.041
1013570	Soil	1.2	32.4	8.5	63	<0.1	25.8	13.7	427	3.61	9.2	0.8	2.6	5.1	20	<0.1	0.5	0.2	80	0.24	0.029
1013569	Soil	1.0	32.0	7.5	61	<0.1	20.4	12.5	429	3.27	8.1	0.9	5.4	5.6	22	<0.1	0.5	0.1	68	0.27	0.024
1013568	Soil	1.2	31.3	7.4	71	<0.1	15.0	12.3	730	3.84	7.0	0.5	<0.5	3.2	14	0.2	0.5	0.1	81	0.19	0.050
1013551	Soil	0.8	25.5	6.9	60	<0.1	22.8	11.6	388	2.98	6.0	0.7	<0.5	3.4	29	<0.1	0.3	0.1	64	0.42	0.058
1013566	Soil	0.9	40.2	8.1	57	<0.1	25.7	11.6	453	3.22	9.3	1.0	4.2	5.6	27	0.1	0.5	0.1	70	0.38	0.037
1011674	Soil	0.9	26.2	7.4	57	<0.1	21.0	13.4	426	3.27	7.9	0.6	2.3	5.0	17	<0.1	0.4	0.1	69	0.22	0.026
1013565	Soil	0.7	33.7	7.1	58	<0.1	22.3	12.1	467	3.11	7.0	0.9	4.4	5.4	24	<0.1	0.3	0.2	67	0.31	0.037

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011163	Soil	13	27	0.48	241	0.059	2	1.08	0.015	0.09	0.1	0.05	4.1	<0.1	<0.05	3	<0.5	<0.2
1011169	Soil	13	33	0.54	241	0.068	2	1.24	0.011	0.15	0.3	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
1011155	Soil	8	26	1.28	606	0.017	3	1.71	0.012	0.09	0.1	0.03	10.6	<0.1	<0.05	6	0.5	<0.2
1013556	Soil	11	36	0.65	230	0.066	1	1.79	0.010	0.05	0.1	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1013555	Soil	10	33	0.68	188	0.068	1	1.96	0.012	0.05	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1013554	Soil	12	39	0.77	263	0.062	2	2.13	0.014	0.07	0.1	0.03	5.3	<0.1	<0.05	6	<0.5	<0.2
1013553	Soil	33	41	0.73	336	0.068	2	2.38	0.012	0.08	0.2	0.05	6.8	0.1	<0.05	7	0.5	<0.2
1013552	Soil	15	38	0.79	316	0.083	2	2.29	0.011	0.09	0.2	0.03	4.3	0.1	<0.05	6	<0.5	<0.2
1011680	Soil	14	38	0.88	313	0.071	2	2.13	0.014	0.09	0.1	0.02	4.1	0.1	<0.05	6	0.6	<0.2
1011679	Soil	12	36	0.82	268	0.078	1	2.07	0.014	0.11	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1011678	Soil	15	43	1.12	222	0.113	2	1.96	0.012	0.20	0.2	<0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1011676	Soil	19	45	1.26	231	0.147	1	2.08	0.017	0.26	0.2	<0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1011675	Soil	17	36	0.69	266	0.075	<1	2.05	0.011	0.10	0.2	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1011677	Soil	15	38	0.75	270	0.099	2	1.94	0.012	0.10	0.2	0.02	4.1	0.1	<0.05	5	<0.5	<0.2
1013578	Soil	6	33	0.79	242	0.178	<1	2.25	0.009	0.37	0.2	0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1013577	Soil	2	77	1.10	74	0.084	<1	2.46	0.013	0.09	0.2	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1013576	Soil	3	29	0.77	171	0.092	1	2.06	0.023	0.06	0.1	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1013575	Soil	8	32	0.73	191	0.084	<1	1.94	0.018	0.04	0.1	0.01	3.9	<0.1	<0.05	5	<0.5	<0.2
1013574	Soil	7	38	0.68	186	0.067	1	2.19	0.014	0.07	0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1013573	Soil	6	62	0.81	249	0.082	<1	2.02	0.016	0.06	0.1	0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1013572	Soil	16	38	0.65	254	0.108	<1	2.09	0.014	0.10	<0.1	0.03	6.3	<0.1	<0.05	6	<0.5	<0.2
1013571	Soil	13	33	0.77	205	0.135	<1	1.95	0.013	0.14	0.1	0.02	4.1	0.1	<0.05	6	<0.5	<0.2
1013567	Soil	11	25	0.67	168	0.139	3	2.15	0.011	0.32	0.1	0.02	3.7	0.2	<0.05	6	<0.5	<0.2
1013570	Soil	14	39	0.70	230	0.127	1	2.54	0.015	0.14	0.1	0.01	4.7	0.1	<0.05	7	<0.5	<0.2
1013569	Soil	17	32	0.69	221	0.128	1	2.10	0.013	0.26	0.1	0.01	5.0	0.2	<0.05	6	<0.5	<0.2
1013568	Soil	6	21	0.80	169	0.137	<1	2.19	0.010	0.40	0.2	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1013551	Soil	11	38	0.81	268	0.104	2	2.04	0.011	0.12	0.1	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1013566	Soil	20	39	0.67	252	0.117	2	2.16	0.014	0.13	0.2	0.03	7.4	0.1	<0.05	6	<0.5	<0.2
1011674	Soil	10	33	0.68	165	0.120	1	2.36	0.011	0.13	0.1	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1013565	Soil	18	33	0.70	267	0.115	2	2.03	0.014	0.17	0.2	0.01	5.9	0.2	<0.05	6	0.6	<0.2

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Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013564	Soil	0.7	26.3	7.6	57	<0.1	22.7	11.1	394	2.87	7.3	0.7	1.4	4.3	23	<0.1	0.4	0.2	65	0.31	0.037
1013563	Soil	0.8	23.8	6.3	51	<0.1	13.9	10.8	526	3.08	5.1	0.8	6.9	6.0	23	0.1	1.2	0.3	59	0.31	0.032
1013562	Soil	0.7	23.7	6.1	52	<0.1	14.0	10.9	534	3.10	5.0	0.8	5.6	6.0	24	<0.1	1.1	0.3	59	0.33	0.031
1013561	Soil	1.0	39.8	8.6	65	<0.1	28.0	13.4	660	3.30	9.0	1.2	6.6	3.9	32	<0.1	0.5	0.2	77	0.44	0.057
1013560	Soil	0.8	21.2	8.1	58	<0.1	22.3	12.5	411	3.08	8.2	0.6	8.9	3.6	22	<0.1	0.4	0.2	74	0.33	0.048
1013559	Soil	0.9	23.7	8.7	55	<0.1	23.5	12.3	551	3.32	8.7	1.0	1.7	4.2	28	<0.1	0.4	0.1	82	0.43	0.038
1013557	Soil	0.7	33.7	10.8	56	0.2	24.5	10.8	340	2.90	7.0	1.1	3.5	2.9	30	<0.1	0.3	0.2	71	0.52	0.064
1013558	Soil	1.0	18.1	6.2	68	<0.1	17.9	17.6	734	4.29	5.8	0.4	2.6	2.3	21	0.2	0.4	0.1	116	0.36	0.056
1013502	Soil	0.6	23.6	6.0	80	<0.1	22.1	15.9	495	3.97	5.5	0.7	8.0	4.2	65	<0.1	0.2	<0.1	63	0.55	0.060
1014502	Soil	0.8	27.0	9.2	56	<0.1	25.7	12.5	297	2.97	9.5	0.8	3.5	5.1	19	<0.1	0.4	0.2	68	0.20	0.016
1013501	Soil	0.8	17.6	8.5	55	<0.1	20.1	11.8	418	3.06	7.0	0.7	<0.5	4.1	21	<0.1	0.4	0.2	69	0.21	0.020
1014522	Soil	1.2	11.6	7.3	45	<0.1	14.9	8.6	296	2.64	4.7	0.5	3.2	2.4	27	0.1	0.4	0.1	57	0.29	0.015
1014544	Soil	0.9	18.6	6.2	86	<0.1	14.4	15.2	629	4.32	4.8	0.8	0.6	2.8	32	<0.1	0.2	0.1	60	0.44	0.096
1013504	Soil	0.5	29.6	6.4	95	<0.1	21.2	18.9	591	4.56	5.3	0.7	1.3	3.9	61	<0.1	0.2	<0.1	61	0.43	0.103
1011704	Soil	1.3	26.6	8.0	44	<0.1	10.2	7.2	213	3.50	6.6	0.5	2.5	2.7	18	0.1	0.4	0.1	89	0.20	0.023
1014501	Soil	1.8	54.9	3.3	51	<0.1	19.5	20.5	682	4.88	4.9	0.4	1.5	1.7	13	0.2	0.4	<0.1	142	0.22	0.040
1014504	Soil	0.6	41.1	5.9	63	<0.1	33.6	22.8	631	3.60	5.9	0.5	3.0	2.4	31	<0.1	0.4	<0.1	83	0.45	0.053
1014540	Soil	0.5	33.1	8.6	63	<0.1	22.1	13.2	321	3.47	6.0	0.6	<0.5	4.7	34	<0.1	0.4	0.2	73	0.36	0.030
1011702	Soil	1.3	41.1	10.1	71	0.5	17.3	20.6	399	4.48	12.4	0.6	1.4	1.3	24	0.7	0.5	0.2	110	0.20	0.057
1014543	Soil	0.9	10.0	11.0	78	0.2	11.6	12.5	857	3.77	6.5	0.7	0.6	0.6	15	0.2	0.2	0.3	58	0.19	0.085
1014518	Soil	0.9	12.4	7.8	56	<0.1	15.7	10.2	646	2.67	6.1	0.4	1.5	2.2	24	0.2	0.4	0.2	55	0.18	0.043
1013505	Soil	0.5	30.0	6.0	106	<0.1	19.0	19.1	653	4.86	4.9	0.7	<0.5	3.7	67	<0.1	0.2	<0.1	55	0.39	0.139
1014505	Soil	1.3	36.7	10.7	64	0.1	23.9	16.9	395	3.84	14.5	0.7	0.8	3.4	28	<0.1	0.5	0.2	86	0.16	0.027
1014521	Soil	1.0	14.8	14.9	56	<0.1	16.4	10.1	484	2.75	3.8	1.1	<0.5	8.6	32	<0.1	0.2	0.3	46	0.48	0.023
1013513	Soil	0.8	24.7	8.0	56	<0.1	24.0	10.6	385	3.26	9.3	1.2	0.7	9.8	22	<0.1	0.4	0.1	60	0.35	0.030
1014503	Soil	1.3	30.4	8.9	56	0.1	14.1	8.1	293	3.31	8.9	0.5	<0.5	3.2	12	0.2	0.5	0.2	62	0.11	0.037
1014539	Soil	1.0	23.9	9.0	53	<0.1	23.9	11.3	340	3.05	10.4	0.5	9.3	3.3	18	<0.1	0.5	0.2	66	0.16	0.020
1011703	Soil	0.9	25.0	9.6	61	<0.1	19.8	9.9	404	2.92	9.7	0.8	0.6	6.8	15	0.1	0.5	0.2	62	0.14	0.024
1026909	Soil	1.7	62.4	27.4	149	<0.1	19.1	16.4	457	4.22	27.8	2.1	<0.5	4.1	37	0.4	0.7	0.2	99	0.19	0.037
1014519	Soil	0.7	13.6	7.0	47	<0.1	18.1	12.0	318	2.94	6.1	0.4	<0.5	4.0	22	<0.1	0.4	0.1	58	0.26	0.016

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013564	Soil	15	33	0.61	211	0.100	2	1.84	0.016	0.08	0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1013563	Soil	16	23	0.67	256	0.108	<1	1.99	0.010	0.20	0.5	0.01	5.5	0.1	<0.05	5	<0.5	<0.2
1013562	Soil	16	22	0.68	267	0.112	<1	1.99	0.011	0.21	0.5	0.02	5.6	0.2	<0.05	6	<0.5	<0.2
1013561	Soil	21	39	0.71	354	0.097	2	2.16	0.017	0.09	0.2	0.05	8.4	0.1	<0.05	6	<0.5	<0.2
1013560	Soil	11	33	0.66	218	0.091	2	2.08	0.013	0.08	0.2	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1013559	Soil	17	39	0.67	251	0.087	2	2.25	0.014	0.06	0.1	0.03	7.0	0.1	<0.05	7	<0.5	<0.2
1013557	Soil	19	37	0.61	329	0.081	2	2.20	0.014	0.06	0.2	0.05	5.7	0.1	<0.05	6	<0.5	<0.2
1013558	Soil	9	27	1.15	157	0.087	2	2.50	0.013	0.07	0.1	0.02	5.9	<0.1	<0.05	8	<0.5	<0.2
1013502	Soil	7	37	1.15	173	0.203	2	2.57	0.013	0.60	0.2	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1014502	Soil	12	38	0.56	240	0.080	1	2.21	0.016	0.06	<0.1	0.05	4.2	0.1	<0.05	6	0.8	<0.2
1013501	Soil	13	35	0.61	224	0.092	<1	2.05	0.011	0.10	<0.1	0.02	4.1	0.1	<0.05	6	<0.5	<0.2
1014522	Soil	8	32	0.46	402	0.038	1	1.72	0.010	0.11	0.1	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
1014544	Soil	5	24	1.15	350	0.110	<1	2.92	0.007	0.67	0.1	0.01	2.7	0.3	<0.05	8	<0.5	<0.2
1013504	Soil	5	32	1.33	200	0.242	<1	2.86	0.011	0.93	0.2	<0.01	2.2	0.4	<0.05	8	<0.5	<0.2
1011704	Soil	8	20	0.49	180	0.079	1	1.93	0.010	0.09	<0.1	0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
1014501	Soil	4	35	1.66	182	0.194	1	3.36	0.009	0.32	<0.1	0.02	9.6	0.2	<0.05	9	<0.5	<0.2
1014504	Soil	11	54	1.25	203	0.104	1	2.42	0.016	0.10	0.1	0.02	5.7	<0.1	<0.05	6	<0.5	<0.2
1014540	Soil	17	41	1.04	185	0.024	<1	2.64	0.012	0.04	0.1	0.03	4.9	0.1	0.07	6	<0.5	<0.2
1011702	Soil	4	21	0.48	170	0.068	<1	2.47	0.019	0.05	<0.1	0.03	4.1	<0.1	0.08	6	<0.5	<0.2
1014543	Soil	5	22	0.68	219	0.091	1	1.95	0.009	0.38	0.1	<0.01	1.4	0.2	0.07	8	<0.5	<0.2
1014518	Soil	6	27	0.48	321	0.073	<1	1.65	0.011	0.18	0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
1013505	Soil	4	32	1.54	216	0.234	1	3.10	0.020	1.04	0.2	0.01	1.6	0.4	<0.05	8	<0.5	<0.2
1014505	Soil	6	37	0.66	189	0.064	<1	2.61	0.016	0.04	0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1014521	Soil	14	38	0.71	1186	0.014	2	1.97	0.010	0.19	0.2	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1013513	Soil	24	51	0.73	165	0.087	<1	2.16	0.012	0.19	0.2	0.02	5.3	0.1	<0.05	6	<0.5	<0.2
1014503	Soil	7	24	0.46	206	0.064	1	1.97	0.009	0.09	0.1	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1014539	Soil	7	36	0.65	190	0.070	1	2.47	0.011	0.05	0.2	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
1011703	Soil	16	32	0.53	147	0.064	<1	2.23	0.010	0.07	0.1	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1026909	Soil	11	29	0.63	215	0.093	1	2.52	0.015	0.08	<0.1	0.03	4.7	0.1	<0.05	7	<0.5	<0.2
1014519	Soil	10	28	0.75	174	0.115	3	1.77	0.011	0.26	0.1	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011705	Soil	0.7	28.3	8.2	51	<0.1	25.2	11.6	266	2.80	10.1	0.7	2.9	5.3	15	<0.1	0.5	0.2	57	0.14	0.018
1011706	Soil	0.5	30.1	7.9	66	<0.1	25.1	14.3	644	3.73	8.6	0.7	3.0	3.6	32	<0.1	0.5	0.1	81	0.40	0.060
1013503	Soil	0.7	23.7	6.7	94	<0.1	24.1	17.9	555	4.36	7.2	1.1	1.4	5.1	30	<0.1	0.3	<0.1	63	0.31	0.066
1011707	Soil	1.1	27.6	8.7	60	0.1	28.3	16.6	270	3.93	12.5	0.4	0.9	1.9	21	0.1	0.5	0.2	87	0.18	0.053
1014542	Soil	1.0	27.8	6.3	99	<0.1	23.3	17.9	591	5.28	4.0	0.5	<0.5	2.3	17	<0.1	0.2	<0.1	88	0.19	0.059
1011709	Soil	0.6	18.3	7.6	104	<0.1	21.6	19.1	721	4.91	6.9	0.4	0.8	2.9	27	<0.1	0.2	0.1	70	0.29	0.061
1014520	Soil	0.6	12.2	6.5	51	<0.1	15.7	11.1	521	2.74	4.7	0.5	<0.5	4.9	23	<0.1	0.3	0.1	56	0.30	0.029
1011708	Soil	0.7	34.2	8.3	57	0.2	24.1	13.0	341	3.00	9.0	0.7	1.4	4.4	26	<0.1	0.4	0.1	68	0.19	0.025
1014517	Soil	1.3	17.8	8.8	44	<0.1	15.0	8.0	317	3.19	10.1	0.4	1.5	0.9	15	0.2	0.4	0.2	87	0.14	0.071
1013159	Soil	0.8	10.2	21.9	55	<0.1	13.7	9.6	590	2.80	6.1	2.5	<0.5	17.7	18	<0.1	0.3	0.3	58	0.27	0.073
1013160	Soil	0.6	9.6	27.4	62	<0.1	13.2	8.4	603	2.62	4.4	4.8	<0.5	23.8	17	0.2	0.3	0.4	50	0.29	0.050
1013162	Soil	0.5	15.9	27.9	60	<0.1	18.6	9.6	423	2.89	6.2	4.6	<0.5	41.2	26	<0.1	0.4	0.3	64	0.31	0.024
1013161	Soil	0.6	12.8	23.6	56	<0.1	13.9	8.8	591	2.47	5.0	11.6	<0.5	19.8	24	<0.1	0.3	0.3	51	0.40	0.050
1013181	Soil	0.6	20.9	7.0	68	0.4	21.6	12.4	449	2.79	3.9	1.0	0.6	3.9	29	0.1	0.2	0.2	49	0.55	0.078
1013165	Soil	0.5	13.6	21.9	62	<0.1	14.9	9.2	821	2.43	5.4	17.0	0.8	43.8	23	<0.1	0.3	0.3	52	0.42	0.055
1013180	Soil	0.8	35.3	8.7	94	1.6	18.0	15.4	484	3.68	5.4	1.1	<0.5	4.5	31	0.2	0.4	0.4	57	0.54	0.078
1013190	Soil	1.2	16.8	7.4	51	0.2	11.4	6.3	257	1.95	3.7	0.8	<0.5	2.5	26	0.2	0.2	0.2	41	0.42	0.049
1013179	Soil	0.9	40.3	7.0	93	3.4	17.9	15.1	625	3.58	4.7	1.5	0.9	4.4	36	0.2	0.4	0.4	52	0.75	0.094
1013178	Soil	1.0	24.0	6.7	97	0.4	18.0	17.7	628	4.17	5.0	0.8	1.1	4.3	32	0.1	0.2	0.5	58	0.65	0.093
1013176	Soil	1.1	21.4	8.4	81	0.2	18.9	13.3	396	3.35	4.0	0.9	7.5	3.4	32	<0.1	0.2	0.4	56	0.44	0.069
1013175	Soil	0.8	26.0	6.1	97	<0.1	17.5	18.1	621	4.00	4.2	0.8	1.1	3.6	29	<0.1	0.1	0.2	61	0.55	0.119
1013164	Soil	0.5	13.8	23.2	57	<0.1	15.6	10.1	913	2.58	5.8	18.8	<0.5	38.6	24	0.1	0.2	0.4	54	0.43	0.047
1013174	Soil	1.0	23.5	7.9	81	0.1	15.8	13.9	510	3.22	4.5	1.4	4.2	4.4	32	0.2	0.2	0.2	54	0.48	0.078
1013177	Soil	0.9	20.7	6.5	88	<0.1	16.4	15.3	568	3.74	4.5	0.9	5.0	3.7	33	0.1	0.2	0.2	53	0.57	0.099
1013189	Soil	4.6	92.2	7.7	405	0.2	6.8	8.1	1170	5.34	8.5	2.9	1.7	0.7	72	0.6	0.2	0.2	100	0.33	0.127
1013173	Soil	1.0	25.3	7.2	112	<0.1	16.9	20.5	732	4.78	3.4	0.7	2.0	4.8	27	0.1	0.1	0.1	65	0.44	0.163
1013182	Soil	1.4	14.6	6.8	57	0.2	13.9	8.9	276	2.39	4.9	0.8	0.9	2.8	23	<0.1	0.3	0.2	50	0.32	0.052
1013188	Soil	1.1	42.5	4.4	60	<0.1	14.8	14.5	358	3.41	3.9	0.5	<0.5	2.3	71	<0.1	0.3	0.1	84	0.52	0.113
1013186	Soil	1.9	34.6	7.0	65	0.1	18.4	12.3	622	2.78	5.5	2.7	1.8	4.0	45	0.1	0.3	<0.1	59	0.76	0.069
1013185	Soil	4.6	14.6	7.7	56	<0.1	13.9	10.7	372	2.71	5.9	0.7	2.6	3.0	24	<0.1	0.3	0.1	58	0.33	0.043

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Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011705	Soil	10	34	0.60	205	0.074	1	2.36	0.010	0.07	0.1	0.05	3.4	<0.1	<0.05	5	<0.5	<0.2
1011706	Soil	15	39	0.89	303	0.084	<1	2.35	0.020	0.07	0.1	0.04	8.5	<0.1	<0.05	7	<0.5	<0.2
1013503	Soil	8	44	1.28	208	0.210	1	2.75	0.022	0.79	0.2	0.01	3.5	0.3	<0.05	7	<0.5	<0.2
1011707	Soil	6	34	0.55	137	0.074	<1	2.90	0.010	0.05	0.2	0.04	2.5	<0.1	<0.05	8	<0.5	<0.2
1014542	Soil	4	48	1.40	276	0.128	<1	3.62	0.010	0.36	0.1	<0.01	5.1	0.2	<0.05	10	<0.5	<0.2
1011709	Soil	5	36	1.37	286	0.187	<1	3.18	0.011	0.77	0.2	0.01	2.2	0.3	<0.05	9	<0.5	<0.2
1014520	Soil	9	25	0.62	222	0.108	1	1.73	0.013	0.23	0.1	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1011708	Soil	10	40	0.80	199	0.085	<1	2.61	0.016	0.05	0.1	0.05	4.2	<0.1	<0.05	6	<0.5	<0.2
1014517	Soil	7	29	0.42	78	0.075	<1	1.89	0.010	0.04	0.1	0.03	2.0	<0.1	0.07	8	<0.5	<0.2
1013159	Soil	13	25	0.51	133	0.073	2	1.57	0.012	0.09	0.2	0.02	2.6	0.1	0.06	6	<0.5	<0.2
1013160	Soil	16	23	0.54	101	0.072	1	1.65	0.012	0.09	0.2	0.02	2.9	0.2	0.06	7	<0.5	<0.2
1013162	Soil	25	37	0.67	156	0.083	1	2.23	0.016	0.06	0.2	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1013161	Soil	21	24	0.50	154	0.048	1	1.80	0.015	0.06	0.2	0.04	3.0	0.2	<0.05	6	<0.5	<0.2
1013181	Soil	15	37	0.84	291	0.100	1	1.70	0.016	0.21	0.6	0.04	3.5	0.1	<0.05	5	<0.5	<0.2
1013165	Soil	31	25	0.51	156	0.070	<1	1.54	0.018	0.07	0.2	0.04	4.2	0.2	0.05	6	<0.5	<0.2
1013180	Soil	15	37	0.98	274	0.157	1	2.00	0.015	0.45	0.4	0.05	3.6	0.2	<0.05	7	<0.5	<0.2
1013190	Soil	11	23	0.41	168	0.063	2	1.08	0.015	0.12	0.4	0.05	1.7	<0.1	0.11	5	<0.5	<0.2
1013179	Soil	21	32	0.90	286	0.136	<1	1.98	0.012	0.48	0.7	0.08	3.7	0.2	0.08	6	<0.5	<0.2
1013178	Soil	12	33	1.19	278	0.189	1	2.29	0.014	0.64	0.3	0.03	2.7	0.3	0.08	8	<0.5	<0.2
1013176	Soil	10	35	1.03	181	0.166	<1	1.98	0.014	0.30	0.4	0.03	2.0	0.2	0.11	7	<0.5	<0.2
1013175	Soil	10	28	1.28	218	0.190	<1	2.19	0.012	0.57	0.3	0.02	2.1	0.3	0.10	7	<0.5	<0.2
1013164	Soil	35	25	0.54	178	0.064	<1	1.64	0.012	0.08	0.2	0.02	4.3	0.2	0.05	6	<0.5	<0.2
1013174	Soil	11	31	1.01	232	0.167	<1	1.93	0.014	0.41	0.5	<0.01	2.2	0.2	0.07	6	<0.5	<0.2
1013177	Soil	11	30	1.01	247	0.163	2	1.92	0.018	0.50	0.5	0.03	2.5	0.2	<0.05	6	0.7	<0.2
1013189	Soil	4	15	1.73	718	0.274	<1	2.97	0.068	1.26	<0.1	0.04	9.0	0.4	0.50	12	0.6	<0.2
1013173	Soil	6	33	1.46	182	0.241	<1	2.70	0.012	1.12	0.3	<0.01	1.9	0.4	<0.05	8	<0.5	<0.2
1013182	Soil	9	26	0.61	175	0.090	1	1.51	0.015	0.07	0.3	0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1013188	Soil	7	27	0.84	191	0.149	1	1.85	0.030	0.15	0.1	<0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
1013186	Soil	15	29	0.80	327	0.104	1	1.79	0.025	0.18	0.4	0.04	5.1	<0.1	<0.05	6	<0.5	<0.2
1013185	Soil	9	30	0.64	236	0.103	1	1.66	0.018	0.19	0.2	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013183	Soil	2.9	19.6	8.3	56	0.1	14.3	11.8	529	2.37	4.3	1.2	3.0	3.1	27	0.2	0.2	0.3	52	0.41	0.056
1013172	Soil	3.1	27.5	13.4	105	<0.1	19.0	13.2	777	3.91	4.8	0.8	<0.5	2.7	26	0.2	0.5	0.2	75	0.31	0.061
1013157	Soil	4.0	35.5	9.2	71	<0.1	18.0	13.9	494	3.84	4.1	0.7	<0.5	3.6	65	0.2	0.2	0.1	95	0.38	0.043
1013187	Soil	1.8	16.1	6.2	89	<0.1	16.4	15.1	844	4.26	3.3	0.7	<0.5	5.3	43	<0.1	0.2	<0.1	87	0.50	0.092
1013184	Soil	9.8	24.1	6.5	69	0.1	11.5	12.2	621	2.94	3.0	1.4	2.1	4.2	33	0.1	0.2	1.5	61	0.72	0.093
1013170	Soil	0.8	11.8	28.5	53	<0.1	11.6	6.5	610	2.06	3.6	4.4	5.8	32.7	19	0.1	0.2	1.0	40	0.37	0.046
1013169	Soil	2.1	31.3	6.3	83	0.1	12.3	9.3	557	2.83	3.7	1.5	1.5	2.8	62	0.2	0.3	0.3	56	1.00	0.072
1013171	Soil	2.5	22.4	9.4	65	<0.1	16.5	11.3	500	3.34	6.7	0.9	1.6	4.8	33	<0.1	0.4	0.1	58	0.31	0.034
1013166	Soil	0.5	10.6	25.5	46	<0.1	13.7	7.2	620	2.14	4.7	4.0	0.6	19.2	18	0.2	0.4	0.2	47	0.21	0.040
1013167	Soil	0.4	12.7	22.5	54	<0.1	13.8	8.0	575	2.16	4.7	13.1	0.7	34.5	23	<0.1	0.4	0.5	43	0.41	0.052
1013168	Soil	0.5	10.1	29.5	55	<0.1	14.4	7.8	736	2.15	4.9	3.1	0.8	26.2	20	<0.1	0.3	0.5	40	0.32	0.054
1013163	Soil	0.6	14.5	26.0	56	<0.1	16.0	8.4	570	2.55	5.9	5.2	2.9	37.8	27	<0.1	0.3	0.2	55	0.39	0.041
1030904	Soil	0.6	9.8	5.4	76	<0.1	12.8	8.4	560	2.52	5.9	0.4	<0.5	2.5	36	<0.1	0.3	<0.1	53	0.45	0.082
1030912	Soil	0.5	9.8	4.6	95	<0.1	8.6	11.3	704	3.60	4.6	0.5	0.6	2.9	29	<0.1	0.2	<0.1	79	0.43	0.128
1030911	Soil	0.4	6.0	3.1	97	<0.1	7.3	10.4	828	3.31	4.1	0.3	1.5	1.9	37	<0.1	0.2	<0.1	68	0.63	0.206
1029643	Soil	0.5	22.9	5.1	77	<0.1	18.6	9.5	533	3.02	8.8	0.5	2.0	2.7	26	<0.1	0.5	0.1	63	0.43	0.111
1029650	Soil	0.6	7.7	6.7	105	<0.1	12.3	10.8	809	3.61	5.3	0.5	<0.5	2.3	86	<0.1	0.4	<0.1	78	0.68	0.086
1030919	Soil	0.7	21.0	5.5	65	<0.1	15.1	9.4	449	3.00	8.1	0.6	1.8	3.0	32	<0.1	0.4	<0.1	62	0.49	0.123
1030920	Soil	0.5	7.6	4.8	76	<0.1	10.1	9.0	560	3.15	7.1	0.3	<0.5	2.3	22	<0.1	0.2	<0.1	62	0.35	0.117
1030915	Soil	0.4	8.5	3.4	95	<0.1	9.9	13.6	996	3.85	4.0	0.6	<0.5	4.6	33	<0.1	0.2	<0.1	80	0.85	0.301
1030902	Soil	0.5	6.6	4.1	93	<0.1	8.0	8.9	707	2.98	3.1	0.3	0.7	1.4	40	<0.1	0.2	<0.1	60	0.51	0.126
1029648	Soil	0.9	14.6	8.6	82	<0.1	18.5	11.2	579	3.42	9.3	0.5	0.9	3.5	34	<0.1	0.5	<0.1	72	0.39	0.089
1030901	Soil	0.6	5.3	4.1	122	<0.1	6.9	11.7	1062	3.96	3.8	0.3	<0.5	1.6	52	<0.1	0.2	<0.1	73	0.86	0.222
1030918	Soil	0.5	10.8	11.0	118	<0.1	9.0	14.9	2153	5.15	4.9	0.6	0.6	5.3	23	<0.1	0.4	<0.1	72	0.61	0.156
1030908	Soil	0.3	4.1	2.5	96	<0.1	5.5	9.7	728	3.44	2.0	0.2	<0.5	1.0	32	<0.1	0.1	<0.1	75	0.54	0.173
1029645	Soil	0.3	16.4	4.4	52	0.2	3.6	6.9	1102	2.22	3.3	0.5	0.5	1.6	145	<0.1	0.3	<0.1	19	8.70	0.132
1030905	Soil	0.6	10.4	8.5	55	<0.1	14.1	8.6	495	2.57	6.3	0.4	<0.5	2.8	35	<0.1	0.3	<0.1	51	0.33	0.042
1030909	Soil	0.4	11.1	3.7	102	<0.1	12.8	11.9	726	3.65	5.0	0.4	1.2	2.5	33	<0.1	0.3	<0.1	82	0.63	0.212
1029644	Soil	0.6	13.6	5.8	85	<0.1	15.4	10.9	645	3.56	7.9	0.6	0.8	2.8	31	<0.1	0.5	0.1	75	0.55	0.156
1030914	Soil	0.5	8.2	4.1	100	<0.1	10.9	13.5	827	4.39	5.0	0.5	0.5	4.2	34	<0.1	0.3	<0.1	97	0.77	0.221

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013183	Soil	13	28	0.59	259	0.081	1	1.60	0.019	0.09	0.2	0.04	3.0	<0.1	<0.05	6	<0.5	<0.2
1013172	Soil	7	37	0.96	199	0.083	<1	2.08	0.014	0.20	0.2	0.02	6.3	0.1	<0.05	8	<0.5	<0.2
1013157	Soil	9	45	1.12	219	0.200	1	2.17	0.018	0.21	4.5	<0.01	5.0	0.1	<0.05	9	<0.5	<0.2
1013187	Soil	10	36	1.46	211	0.189	<1	2.79	0.017	0.58	0.1	0.01	5.6	0.2	<0.05	10	<0.5	<0.2
1013184	Soil	16	22	1.11	323	0.097	<1	1.98	0.018	0.24	0.4	<0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1013170	Soil	20	21	0.46	135	0.042	1	1.48	0.015	0.11	0.2	<0.01	3.2	0.2	<0.05	5	<0.5	<0.2
1013169	Soil	14	24	0.74	192	0.081	2	1.54	0.019	0.22	0.2	0.04	5.6	0.1	<0.05	6	0.6	<0.2
1013171	Soil	11	27	0.71	190	0.068	1	2.06	0.016	0.14	0.1	<0.01	4.5	<0.1	<0.05	6	<0.5	<0.2
1013166	Soil	15	23	0.39	137	0.047	2	1.23	0.015	0.07	0.2	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
1013167	Soil	32	25	0.49	130	0.058	1	1.41	0.019	0.08	0.2	0.04	3.8	0.1	<0.05	5	<0.5	<0.2
1013168	Soil	15	24	0.41	136	0.038	1	1.38	0.015	0.08	0.3	0.02	2.7	<0.1	<0.05	4	<0.5	<0.2
1013163	Soil	24	29	0.55	167	0.067	2	1.76	0.019	0.07	0.2	0.01	4.2	<0.1	<0.05	6	<0.5	<0.2
1030904	Soil	12	21	0.69	242	0.096	2	1.60	0.011	0.30	0.1	<0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1030912	Soil	13	16	1.14	307	0.207	1	2.24	0.017	0.67	<0.1	<0.01	2.6	0.2	<0.05	8	<0.5	<0.2
1030911	Soil	7	12	1.13	201	0.172	2	1.93	0.013	0.33	<0.1	<0.01	2.0	<0.1	<0.05	8	<0.5	<0.2
1029643	Soil	13	23	0.91	227	0.140	2	1.73	0.018	0.46	0.2	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1029650	Soil	10	26	0.95	291	0.132	2	2.38	0.017	0.23	<0.1	<0.01	4.1	<0.1	<0.05	9	<0.5	<0.2
1030919	Soil	14	24	0.72	229	0.072	2	1.51	0.022	0.10	0.1	<0.01	5.3	<0.1	<0.05	6	<0.5	<0.2
1030920	Soil	7	18	0.86	255	0.129	<1	1.93	0.014	0.47	<0.1	0.01	3.5	0.1	<0.05	8	<0.5	<0.2
1030915	Soil	15	21	1.53	245	0.119	2	2.15	0.034	0.33	<0.1	<0.01	4.9	<0.1	<0.05	9	<0.5	<0.2
1030902	Soil	7	14	0.92	293	0.159	2	1.87	0.012	0.49	<0.1	0.01	2.0	<0.1	<0.05	7	<0.5	<0.2
1029648	Soil	9	33	0.74	334	0.113	2	2.09	0.016	0.26	0.1	<0.01	5.1	<0.1	<0.05	7	<0.5	<0.2
1030901	Soil	7	13	1.29	278	0.115	2	2.13	0.028	0.20	<0.1	<0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
1030918	Soil	91	8	0.19	703	0.005	2	1.11	0.009	0.10	<0.1	0.03	8.4	<0.1	<0.05	5	0.7	<0.2
1030908	Soil	4	10	1.08	363	0.225	<1	1.88	0.016	0.97	<0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1029645	Soil	9	4	0.29	1454	0.001	2	0.49	0.008	0.08	0.1	0.03	3.0	<0.1	<0.05	1	<0.5	<0.2
1030905	Soil	10	25	0.53	363	0.062	2	1.53	0.012	0.20	0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1030909	Soil	10	17	1.23	386	0.196	1	2.08	0.016	0.76	<0.1	<0.01	3.3	0.2	<0.05	8	<0.5	<0.2
1029644	Soil	10	22	0.96	348	0.131	1	1.92	0.014	0.45	0.1	<0.01	3.5	0.1	<0.05	7	<0.5	<0.2
1030914	Soil	12	20	1.46	328	0.135	<1	2.66	0.023	0.52	<0.1	<0.01	5.2	0.1	<0.05	10	<0.5	<0.2

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Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030907	Soil	0.7	10.7	7.6	57	<0.1	15.6	8.7	445	2.69	6.8	0.5	1.2	3.5	27	<0.1	0.5	0.1	55	0.34	0.042
1030917	Soil	0.4	8.0	3.5	111	<0.1	8.7	13.2	932	5.26	4.9	1.2	<0.5	2.4	54	<0.1	0.3	0.1	104	1.05	0.261
1030913	Soil	0.6	11.3	4.9	101	<0.1	10.9	12.1	801	4.54	5.5	0.4	0.7	4.4	40	<0.1	0.3	<0.1	95	0.61	0.187
1029646	Soil	0.3	4.4	4.4	70	<0.1	3.5	7.8	925	3.64	3.4	0.3	<0.5	4.2	117	<0.1	0.2	<0.1	79	2.50	0.194
1030910	Soil	0.7	12.2	7.0	66	<0.1	16.6	9.4	397	2.83	7.8	0.7	<0.5	3.7	30	<0.1	0.4	0.2	61	0.39	0.090
1030903	Soil	0.5	7.9	4.4	98	<0.1	9.9	11.1	832	3.67	3.9	0.4	<0.5	2.8	39	<0.1	0.3	<0.1	82	0.57	0.123
1030906	Soil	0.4	86.1	3.9	74	<0.1	23.5	16.4	717	4.28	5.0	0.5	1.7	2.3	43	<0.1	0.4	<0.1	108	1.00	0.221
1030921	Soil	0.5	12.8	5.3	122	<0.1	12.1	13.9	809	5.05	7.2	0.6	<0.5	2.6	37	<0.1	0.4	<0.1	99	0.52	0.174
1029649	Soil	0.7	85.6	4.9	65	<0.1	25.9	13.6	515	3.26	5.3	0.4	<0.5	2.1	54	<0.1	0.2	<0.1	79	0.59	0.086
1029647	Soil	0.5	9.0	5.3	113	<0.1	12.4	11.5	772	3.75	6.5	0.4	1.2	2.8	52	<0.1	0.3	<0.1	81	0.73	0.144
1030916	Soil	0.7	6.9	5.9	82	<0.1	11.8	9.4	780	2.95	6.6	0.3	<0.5	3.1	27	<0.1	0.4	<0.1	61	0.31	0.060
1011635	Soil	1.0	14.8	21.3	66	<0.1	20.5	11.0	672	3.05	7.9	3.8	1.6	29.5	18	0.2	0.4	0.5	67	0.24	0.040
1011645	Soil	0.9	21.1	20.3	52	<0.1	15.9	8.6	537	2.57	6.7	9.5	1.1	17.8	23	0.1	0.3	0.3	57	0.35	0.028
1011631	Soil	1.6	15.4	15.1	64	<0.1	17.1	10.7	620	2.92	7.7	4.3	<0.5	9.9	25	0.2	0.3	0.3	69	0.40	0.048
1011628	Soil	1.1	25.3	15.7	69	<0.1	22.1	11.2	501	3.26	7.5	5.7	1.4	14.2	24	0.1	0.4	0.3	70	0.35	0.045
1011623	Soil	0.8	23.3	7.6	73	<0.1	24.0	16.1	555	3.85	7.3	0.7	1.9	4.1	24	0.2	0.4	0.1	97	0.33	0.044
1011624	Soil	1.8	22.5	32.3	114	0.1	19.6	9.4	376	3.14	7.9	1.2	3.6	4.7	25	0.3	0.4	0.2	67	0.27	0.053
1011646	Soil	1.4	17.7	23.7	64	0.2	15.8	8.0	672	2.43	5.8	36.6	1.7	22.2	36	0.2	0.4	0.3	53	0.74	0.058
1011629	Soil	1.4	21.4	9.3	55	0.2	17.3	8.3	372	2.77	6.8	4.5	2.6	5.1	26	0.2	0.4	0.2	64	0.32	0.046
1011626	Soil	1.3	22.7	9.7	66	<0.1	18.0	12.6	448	3.74	8.6	0.7	<0.5	4.0	20	0.2	0.4	0.2	88	0.30	0.051
1011630	Soil	1.3	16.5	9.6	51	0.2	15.3	8.6	342	2.59	5.8	2.8	0.7	4.6	25	0.2	0.4	0.2	64	0.36	0.044
1013607	Soil	1.6	12.8	22.0	58	<0.1	16.6	8.9	961	2.72	6.9	2.8	<0.5	22.1	12	<0.1	0.5	0.3	63	0.13	0.025
1013605	Soil	0.9	17.3	25.7	56	<0.1	19.3	8.7	552	2.55	7.9	4.3	1.6	23.5	20	0.1	0.5	0.6	56	0.26	0.032
1011638	Soil	1.0	19.1	23.8	72	0.2	20.5	10.0	822	2.85	7.0	24.6	<0.5	25.0	34	0.2	0.4	0.7	61	0.61	0.068
1013602	Soil	1.0	18.6	22.8	62	<0.1	18.7	9.8	671	2.94	8.3	8.3	1.5	25.5	24	<0.1	0.4	0.6	66	0.35	0.032
1011634	Soil	1.2	14.4	21.6	69	<0.1	17.4	13.9	1331	3.00	6.9	6.4	<0.5	27.8	24	0.2	0.3	0.4	64	0.41	0.060
1011650	Soil	0.9	13.1	22.2	61	<0.1	17.0	10.1	654	2.51	7.8	4.2	2.6	25.5	24	0.1	0.3	0.6	57	0.37	0.043
1013606	Soil	0.8	12.3	33.4	67	<0.1	19.0	8.2	756	2.61	8.8	4.3	<0.5	27.8	19	0.1	0.5	0.9	56	0.21	0.034
1011625	Soil	2.2	29.6	17.1	109	0.1	23.6	15.7	565	4.49	8.8	0.9	1.4	6.2	21	0.2	0.4	0.2	86	0.24	0.047
1011627	Soil	1.1	25.5	14.8	67	<0.1	17.0	11.8	554	3.46	7.6	2.4	3.2	11.1	26	0.1	0.4	0.3	79	0.36	0.054

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030907	Soil	12	25	0.53	373	0.062	<1	1.59	0.009	0.22	0.2	0.02	3.1	<0.1	<0.05	5	0.7	<0.2
1030917	Soil	14	11	1.38	377	0.141	<1	2.97	0.018	0.38	<0.1	<0.01	6.8	0.2	<0.05	12	<0.5	<0.2
1030913	Soil	11	17	1.29	294	0.107	<1	2.57	0.009	0.42	<0.1	0.02	4.3	0.1	<0.05	11	<0.5	<0.2
1029646	Soil	20	6	0.18	239	0.004	1	0.93	0.005	0.05	<0.1	0.01	8.7	<0.1	<0.05	6	<0.5	<0.2
1030910	Soil	12	26	0.71	297	0.091	<1	1.60	0.011	0.19	0.2	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1030903	Soil	12	16	1.06	362	0.165	<1	1.97	0.017	0.72	<0.1	<0.01	3.0	0.1	<0.05	9	<0.5	<0.2
1030906	Soil	14	20	1.58	421	0.099	1	2.18	0.041	0.28	<0.1	0.01	7.8	<0.1	<0.05	9	0.7	<0.2
1030921	Soil	9	19	1.42	313	0.160	1	2.81	0.011	0.72	0.1	<0.01	3.7	0.2	<0.05	11	<0.5	<0.2
1029649	Soil	7	43	0.98	310	0.107	<1	1.88	0.023	0.17	0.2	0.01	3.7	<0.1	<0.05	8	0.9	<0.2
1029647	Soil	8	21	0.98	401	0.136	<1	2.43	0.026	0.32	0.1	0.01	4.0	<0.1	<0.05	9	0.5	<0.2
1030916	Soil	8	19	0.86	196	0.086	<1	1.97	0.011	0.26	<0.1	0.02	2.4	<0.1	<0.05	8	<0.5	<0.2
1011635	Soil	17	32	0.65	154	0.096	<1	1.98	0.012	0.09	0.3	0.02	3.8	0.3	<0.05	7	0.6	<0.2
1011645	Soil	33	25	0.49	179	0.078	<1	1.78	0.013	0.07	0.3	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1011631	Soil	15	29	0.58	198	0.078	<1	1.94	0.014	0.09	0.3	0.03	3.5	0.2	<0.05	7	<0.5	<0.2
1011628	Soil	22	31	0.71	280	0.114	<1	2.15	0.016	0.15	0.3	0.01	4.6	0.2	<0.05	7	0.5	<0.2
1011623	Soil	8	30	1.05	226	0.185	2	2.94	0.022	0.25	0.1	0.01	4.3	0.3	<0.05	9	<0.5	<0.2
1011624	Soil	15	33	0.64	184	0.107	<1	2.15	0.014	0.12	0.2	0.02	4.4	0.2	<0.05	8	0.6	<0.2
1011646	Soil	27	26	0.49	215	0.063	1	1.77	0.013	0.08	0.3	0.06	4.7	0.3	<0.05	6	<0.5	<0.2
1011629	Soil	14	27	0.58	242	0.082	<1	1.98	0.014	0.08	0.2	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1011626	Soil	10	28	0.77	173	0.123	<1	2.16	0.014	0.15	0.2	0.03	3.8	0.1	<0.05	8	<0.5	<0.2
1011630	Soil	12	26	0.51	214	0.084	<1	1.81	0.015	0.08	0.2	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1013607	Soil	13	29	0.45	169	0.070	<1	2.01	0.010	0.08	0.2	0.03	3.2	0.3	<0.05	7	0.5	<0.2
1013605	Soil	15	29	0.56	145	0.080	1	1.69	0.012	0.10	0.3	<0.01	3.5	0.3	0.05	6	0.5	<0.2
1011638	Soil	36	30	0.56	221	0.061	2	1.96	0.013	0.08	0.2	0.04	4.9	0.4	0.09	8	0.7	<0.2
1013602	Soil	22	33	0.58	186	0.070	<1	1.91	0.013	0.07	0.2	0.03	4.0	0.2	<0.05	7	0.9	<0.2
1011634	Soil	26	29	0.62	176	0.090	<1	1.70	0.013	0.13	0.3	0.03	4.0	0.4	0.09	8	0.5	<0.2
1011650	Soil	17	29	0.58	167	0.083	<1	1.54	0.013	0.08	0.2	0.01	3.2	0.2	<0.05	6	<0.5	<0.2
1013606	Soil	12	26	0.56	177	0.072	1	1.72	0.009	0.10	0.4	0.01	3.9	0.4	<0.05	7	<0.5	<0.2
1011625	Soil	15	38	0.90	235	0.173	1	3.35	0.017	0.30	0.5	0.04	5.7	0.4	0.07	10	0.8	<0.2
1011627	Soil	21	29	0.73	254	0.119	<1	2.11	0.018	0.17	0.4	0.02	4.8	0.2	0.06	8	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011612	Soil		1.4	18.6	16.8	60	0.1	16.5	10.1	585	2.71	6.8	5.6	<0.5	9.2	26	0.3	0.3	0.3	60	0.40	0.055
1011639	Soil		1.4	25.6	31.4	81	0.2	23.8	13.5	899	3.75	11.5	18.3	1.5	37.6	30	0.3	0.4	0.9	82	0.43	0.053
1011649	Soil		1.4	23.9	24.1	64	0.1	20.4	12.4	958	2.95	8.2	12.3	3.9	21.3	25	0.2	0.4	0.7	71	0.52	0.050
1013604	Soil		0.9	21.3	21.0	60	<0.1	19.5	10.1	554	2.71	8.6	10.5	2.5	28.4	21	<0.1	0.4	0.6	64	0.37	0.031
1013603	Soil		1.0	16.0	18.6	58	<0.1	18.6	8.3	423	2.55	8.5	5.4	0.7	11.9	18	0.2	0.3	0.5	65	0.26	0.027
1011647	Soil		0.9	19.2	22.1	67	<0.1	21.6	10.7	688	2.61	8.1	7.7	3.7	29.0	22	0.1	0.4	0.3	59	0.40	0.061
1011648	Soil		1.0	13.7	22.3	65	<0.1	18.7	9.9	647	2.63	7.5	6.2	1.8	17.9	19	0.2	0.3	0.5	61	0.35	0.063
1013601	Soil		0.8	14.1	21.5	61	<0.1	17.4	11.5	701	2.52	8.0	4.1	1.5	20.2	21	0.1	0.3	0.7	60	0.36	0.049
1011636	Soil		0.9	9.9	23.6	65	<0.1	13.2	8.0	783	2.42	4.6	8.6	2.0	40.2	17	0.1	0.2	0.9	52	0.37	0.045
1011637	Soil		0.8	15.0	22.2	60	0.1	14.6	7.9	579	1.94	5.0	41.0	1.5	20.3	32	0.1	0.3	0.6	46	0.81	0.061
1013620	Soil		1.0	15.7	16.2	64	<0.1	18.5	9.1	501	2.76	9.5	2.7	3.2	14.8	21	0.1	0.3	0.3	70	0.36	0.038
1013616	Soil		1.3	12.2	18.7	57	<0.1	14.5	10.9	786	2.41	6.6	9.5	<0.5	15.5	16	0.1	0.3	0.4	55	0.31	0.047
1013618	Soil		1.2	14.2	22.2	60	0.1	16.9	8.7	705	2.43	6.4	5.6	9.2	23.9	20	0.1	0.3	0.3	59	0.35	0.048
1013621	Soil		1.1	20.1	18.4	68	<0.1	21.4	10.9	576	3.11	9.7	5.5	1.9	23.2	21	0.1	0.3	0.3	78	0.38	0.031
1013619	Soil		1.1	19.7	21.5	72	<0.1	20.3	11.3	744	2.99	9.2	5.8	1.1	21.2	24	0.3	0.3	0.3	75	0.45	0.039
1013617	Soil		1.3	15.6	18.5	71	<0.1	17.8	10.5	706	2.67	7.3	6.4	1.9	17.4	22	0.1	0.3	0.6	66	0.41	0.052
1011228	Soil		0.6	10.0	5.2	128	<0.1	10.2	13.8	900	4.79	6.6	0.5	2.4	5.8	30	<0.1	0.4	<0.1	111	0.62	0.188
1011213	Soil		0.5	7.3	2.4	109	<0.1	9.5	17.1	928	4.53	4.1	0.3	<0.5	1.3	43	<0.1	0.2	<0.1	109	0.88	0.259
1011230	Soil		0.3	6.7	2.3	88	<0.1	8.1	11.5	562	3.24	4.4	0.2	0.7	1.6	32	<0.1	0.2	<0.1	82	0.92	0.280
1011214	Soil		0.5	17.6	7.9	70	<0.1	14.8	13.6	596	3.72	6.2	0.9	3.6	6.9	32	<0.1	0.3	0.1	97	0.47	0.066
1011216	Soil		0.4	60.6	3.6	88	<0.1	13.1	18.0	737	4.83	5.8	0.4	2.5	2.9	53	<0.1	0.3	<0.1	112	0.95	0.238
1011217	Soil		0.6	39.6	5.6	88	<0.1	18.8	10.9	468	3.31	8.6	0.4	5.1	2.3	49	<0.1	0.3	<0.1	82	0.40	0.057
1011232	Soil		0.6	16.8	5.3	44	<0.1	21.6	9.0	216	2.26	8.1	0.8	2.3	3.0	29	<0.1	0.3	<0.1	58	0.47	0.078
1011233	Soil		0.6	17.5	4.2	85	<0.1	18.2	12.5	633	3.14	6.7	0.4	3.3	2.3	34	0.1	0.3	<0.1	77	0.75	0.153
1011231	Soil		0.6	27.0	6.3	46	0.1	21.0	9.2	350	2.11	8.7	0.7	2.8	3.7	29	<0.1	0.5	<0.1	50	0.40	0.078
1011237	Soil		0.6	21.3	5.3	42	<0.1	18.6	8.7	243	2.12	7.9	0.7	1.1	3.9	30	0.1	0.4	<0.1	55	0.38	0.081
1011215	Soil		0.6	38.9	5.2	114	<0.1	12.5	14.8	663	4.04	6.1	1.1	3.2	4.4	40	<0.1	0.3	<0.1	87	0.69	0.150
1011236	Soil		0.5	17.9	5.0	39	<0.1	19.9	8.0	176	2.04	7.1	0.6	3.6	3.2	25	<0.1	0.4	<0.1	53	0.36	0.065
1011229	Soil		0.7	9.1	4.6	95	<0.1	12.8	12.4	570	3.38	6.3	0.3	0.7	3.2	33	<0.1	0.3	<0.1	81	0.64	0.182
1011234	Soil		0.7	15.1	6.8	44	<0.1	19.7	9.1	327	2.55	10.2	0.4	1.2	4.0	21	<0.1	0.5	0.1	64	0.33	0.039

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Project: PED
Report Date: July 14, 2011

CERTIFICATE OF ANALYSIS WHI11000377.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011612	Soil	23	26	0.49	211	0.063	2	1.70	0.013	0.09	0.3	0.04	3.1	0.2	0.12	7	<0.5	<0.2
1011639	Soil	31	40	0.64	287	0.072	<1	2.56	0.015	0.11	0.2	0.05	5.2	0.5	0.09	10	<0.5	<0.2
1011649	Soil	27	36	0.46	213	0.063	3	1.96	0.011	0.08	0.2	0.03	4.3	0.3	<0.05	6	<0.5	<0.2
1013604	Soil	28	33	0.46	178	0.074	2	1.87	0.015	0.08	0.2	0.04	5.2	0.2	<0.05	5	<0.5	<0.2
1013603	Soil	18	29	0.40	162	0.062	1	1.73	0.010	0.06	0.1	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1011647	Soil	19	34	0.46	170	0.091	2	1.62	0.015	0.09	0.2	0.02	4.4	0.2	<0.05	5	<0.5	<0.2
1011648	Soil	19	30	0.46	147	0.075	1	1.62	0.010	0.08	0.2	0.03	3.5	0.2	<0.05	5	<0.5	<0.2
1013601	Soil	16	30	0.46	147	0.085	<1	1.57	0.014	0.09	0.2	0.02	3.7	0.2	<0.05	5	<0.5	<0.2
1011636	Soil	22	23	0.45	115	0.098	1	1.26	0.010	0.10	0.3	0.01	4.3	0.4	<0.05	6	<0.5	<0.2
1011637	Soil	27	24	0.40	155	0.059	1	1.37	0.011	0.08	0.2	0.03	4.2	0.3	0.06	5	0.8	<0.2
1013620	Soil	18	32	0.45	197	0.084	2	1.76	0.010	0.08	0.2	0.03	3.8	0.2	<0.05	6	0.5	<0.2
1013616	Soil	15	25	0.38	129	0.076	<1	1.48	0.016	0.08	0.3	0.02	3.6	0.3	<0.05	5	0.5	<0.2
1013618	Soil	25	27	0.43	181	0.073	1	1.64	0.010	0.08	0.2	0.03	3.7	0.3	<0.05	6	<0.5	<0.2
1013621	Soil	21	37	0.55	188	0.089	1	2.12	0.012	0.08	0.2	0.02	4.3	0.2	<0.05	7	<0.5	<0.2
1013619	Soil	26	34	0.48	249	0.078	1	2.12	0.013	0.08	0.2	0.03	4.8	0.3	<0.05	7	<0.5	<0.2
1013617	Soil	16	32	0.48	169	0.093	<1	1.63	0.012	0.08	0.2	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1011228	Soil	22	12	0.77	220	0.032	2	1.97	0.017	0.32	0.6	<0.01	8.8	<0.1	<0.05	8	0.5	<0.2
1011213	Soil	6	15	1.89	584	0.247	<1	2.78	0.015	0.97	<0.1	<0.01	2.8	0.2	<0.05	8	0.8	<0.2
1011230	Soil	4	15	1.10	273	0.182	1	2.10	0.032	0.76	<0.1	<0.01	3.5	0.1	<0.05	7	<0.5	<0.2
1011214	Soil	22	18	1.16	199	0.140	2	2.32	0.015	0.16	0.1	<0.01	6.7	0.1	<0.05	8	0.9	<0.2
1011216	Soil	12	22	1.42	251	0.140	<1	2.84	0.045	0.21	0.1	<0.01	6.2	<0.1	<0.05	8	0.6	<0.2
1011217	Soil	6	31	0.95	210	0.058	1	2.39	0.010	0.09	<0.1	<0.01	3.1	<0.1	<0.05	7	0.8	<0.2
1011232	Soil	11	28	0.41	202	0.063	1	1.18	0.016	0.06	0.2	0.03	3.5	<0.1	<0.05	3	0.8	<0.2
1011233	Soil	9	21	0.79	230	0.097	<1	1.56	0.025	0.15	<0.1	0.01	4.5	<0.1	<0.05	6	0.6	<0.2
1011231	Soil	12	26	0.39	267	0.064	2	1.16	0.015	0.06	0.2	0.04	3.6	<0.1	<0.05	3	0.6	<0.2
1011237	Soil	17	27	0.38	183	0.064	1	1.05	0.014	0.07	<0.1	0.03	4.9	<0.1	<0.05	3	0.7	<0.2
1011215	Soil	15	21	1.11	211	0.146	1	2.30	0.023	0.29	<0.1	<0.01	4.6	<0.1	<0.05	8	0.5	<0.2
1011236	Soil	12	25	0.38	199	0.059	1	1.07	0.013	0.07	0.1	0.02	3.9	<0.1	<0.05	3	<0.5	<0.2
1011229	Soil	8	20	0.99	251	0.143	1	2.13	0.018	0.48	0.1	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1011234	Soil	11	33	0.35	412	0.066	3	1.46	0.009	0.13	0.1	<0.01	4.6	<0.1	<0.05	4	0.7	<0.2

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Project: PED
Report Date: July 14, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011235	Soil	0.4	17.1	4.7	42	<0.1	17.4	8.1	207	2.11	6.9	0.5	3.6	2.7	28	<0.1	0.3	<0.1	55	0.44	0.085
1011240	Soil	1.5	20.5	7.8	68	0.3	21.4	11.3	532	3.42	8.6	0.5	2.6	3.8	23	<0.1	0.4	<0.1	82	0.38	0.054
1011239	Soil	0.8	23.3	6.5	92	<0.1	19.9	15.0	742	4.53	8.1	1.2	5.7	3.5	60	<0.1	0.5	<0.1	117	0.59	0.094
1011222	Soil	0.5	13.3	4.9	85	<0.1	12.3	11.8	462	3.38	7.0	0.3	0.7	2.8	34	<0.1	0.3	<0.1	78	0.57	0.180
1011241	Soil	0.9	43.6	5.0	71	<0.1	28.5	9.7	517	3.44	8.2	0.6	15.0	3.1	25	0.1	0.4	<0.1	78	0.40	0.069
1011238	Soil	0.7	10.3	5.9	103	<0.1	15.9	12.3	625	3.96	7.4	0.3	1.0	4.3	32	<0.1	0.3	<0.1	93	0.47	0.124
1011223	Soil	0.5	14.3	4.5	81	<0.1	12.6	11.2	488	3.09	10.0	0.5	0.7	3.4	35	<0.1	0.4	<0.1	62	0.55	0.161
1011221	Soil	0.5	9.6	5.3	94	<0.1	11.9	12.4	658	3.48	5.0	0.3	3.1	2.6	46	<0.1	0.2	<0.1	74	0.65	0.164
1011220	Soil	0.5	8.7	5.1	76	<0.1	11.8	10.2	463	3.16	4.8	0.4	1.7	3.3	33	<0.1	0.3	0.1	65	0.39	0.096
1011219	Soil	0.5	35.3	4.9	58	<0.1	22.9	10.0	362	2.83	7.5	0.6	1.6	3.5	31	<0.1	0.4	0.1	68	0.32	0.077
1011218	Soil	0.7	10.3	6.3	76	<0.1	11.4	9.4	514	3.11	6.3	0.3	1.6	3.8	30	<0.1	0.4	0.1	71	0.33	0.074
1011210	Soil	0.7	9.6	4.5	90	<0.1	9.8	12.7	731	3.97	5.6	0.2	0.7	1.5	34	<0.1	0.3	<0.1	83	0.42	0.116
1011224	Soil	0.2	31.7	2.4	104	<0.1	5.6	9.3	552	3.80	3.4	0.4	1.6	2.4	44	<0.1	0.2	<0.1	72	0.75	0.194
1011225	Soil	0.3	5.2	2.1	109	<0.1	6.0	13.3	659	3.92	2.5	0.3	0.6	5.1	49	<0.1	0.1	<0.1	85	0.69	0.187
1011209	Soil	0.6	15.3	5.2	62	<0.1	16.3	9.6	388	2.66	6.8	0.5	3.0	3.4	46	<0.1	0.4	0.2	62	0.45	0.104
1011226	Soil	0.4	10.9	5.3	104	<0.1	11.7	13.5	618	3.96	5.6	0.5	1.3	3.3	54	<0.1	0.2	0.1	80	0.85	0.198
1011211	Soil	0.7	25.4	7.0	80	<0.1	20.0	11.6	438	3.54	8.9	0.5	1.1	3.2	48	<0.1	0.4	0.1	82	0.50	0.139
1011212	Soil	0.5	61.7	4.9	63	0.1	13.0	9.3	451	2.81	4.4	0.3	1.7	2.0	31	<0.1	0.2	<0.1	57	0.32	0.105
1011227	Soil	0.3	9.3	2.6	124	<0.1	9.2	14.9	885	4.00	3.5	0.3	<0.5	1.8	51	<0.1	0.2	<0.1	79	0.69	0.209

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011235	Soil	11	22	0.39	175	0.065	1	0.96	0.014	0.08	0.1	0.02	4.0	<0.1	<0.05	3	<0.5	<0.2
1011240	Soil	12	39	0.59	396	0.052	<1	2.01	0.011	0.13	0.1	0.01	6.5	<0.1	<0.05	6	0.6	<0.2
1011239	Soil	16	26	1.28	312	0.108	1	2.48	0.019	0.07	0.4	0.03	9.1	<0.1	<0.05	9	<0.5	<0.2
1011222	Soil	8	22	0.98	247	0.125	<1	2.09	0.019	0.34	<0.1	0.01	3.1	<0.1	<0.05	7	0.6	<0.2
1011241	Soil	14	32	0.84	305	0.099	1	1.68	0.013	0.15	<0.1	0.04	7.6	<0.1	<0.05	6	0.7	<0.2
1011238	Soil	11	28	1.24	363	0.100	2	2.71	0.013	0.36	<0.1	0.01	4.7	<0.1	<0.05	9	0.7	<0.2
1011223	Soil	11	21	0.84	180	0.094	1	1.73	0.018	0.16	<0.1	0.01	3.5	<0.1	<0.05	6	0.5	<0.2
1011221	Soil	7	21	0.93	346	0.107	<1	2.01	0.022	0.39	<0.1	<0.01	3.2	<0.1	<0.05	8	0.7	<0.2
1011220	Soil	8	20	0.84	227	0.097	2	1.62	0.013	0.37	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1011219	Soil	11	30	0.78	306	0.122	2	1.56	0.013	0.41	0.1	<0.01	3.9	0.1	<0.05	5	<0.5	<0.2
1011218	Soil	8	21	0.83	233	0.123	<1	2.04	0.012	0.39	0.1	<0.01	1.9	0.1	<0.05	6	<0.5	<0.2
1011210	Soil	4	16	1.17	236	0.071	<1	2.16	0.016	0.12	0.1	<0.01	3.1	<0.1	<0.05	8	<0.5	<0.2
1011224	Soil	9	9	0.72	189	0.043	2	1.48	0.020	0.21	<0.1	<0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1011225	Soil	23	11	1.28	368	0.148	<1	2.05	0.021	0.66	<0.1	<0.01	2.7	<0.1	<0.05	8	<0.5	<0.2
1011209	Soil	10	23	0.75	295	0.104	<1	1.36	0.015	0.15	0.1	<0.01	2.5	0.2	<0.05	5	<0.5	<0.2
1011226	Soil	14	19	1.02	221	0.105	<1	1.85	0.040	0.24	0.1	<0.01	4.8	<0.1	<0.05	8	<0.5	<0.2
1011211	Soil	8	31	0.92	346	0.093	<1	2.04	0.014	0.18	0.1	0.02	3.1	<0.1	<0.05	7	<0.5	<0.2
1011212	Soil	6	18	0.87	185	0.053	<1	1.78	0.010	0.15	0.1	<0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1011227	Soil	11	11	1.20	186	0.128	1	1.86	0.022	0.76	0.5	<0.01	3.6	<0.1	<0.05	9	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000377.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1029640	Soil	0.7	8.1	6.3	100	<0.1	13.3	13.2	853	3.28	3.4	0.4	1.5	2.4	42	<0.1	0.3	0.1	69	0.42	0.096
REP 1029640	QC	0.7	8.2	6.3	96	<0.1	12.8	12.9	836	3.27	3.1	0.4	2.1	2.4	38	<0.1	0.3	0.1	69	0.41	0.095
1030863	Soil	0.7	39.7	3.6	105	0.1	14.7	13.5	960	5.09	4.0	0.5	1.0	2.5	24	<0.1	0.3	<0.1	106	0.44	0.079
REP 1030863	QC	0.7	39.1	3.6	105	0.1	15.0	14.1	1025	5.25	4.2	0.5	1.3	2.5	24	<0.1	0.3	<0.1	109	0.46	0.085
1011152	Soil	0.9	20.5	6.7	47	0.1	18.8	8.0	312	2.11	8.6	1.2	3.8	3.1	37	<0.1	0.6	0.1	47	0.63	0.066
REP 1011152	QC	1.0	21.6	6.8	45	<0.1	20.1	8.3	320	2.21	9.2	1.3	2.5	3.0	39	<0.1	0.5	0.1	47	0.66	0.064
1013552	Soil	0.9	32.5	7.6	68	<0.1	24.7	13.1	440	3.33	8.2	0.8	3.6	3.0	30	<0.1	0.3	0.2	67	0.38	0.061
REP 1013552	QC	1.0	33.5	7.7	70	<0.1	24.6	12.4	442	3.18	8.5	0.8	7.5	3.1	30	<0.1	0.4	0.2	69	0.38	0.061
1013573	Soil	1.0	23.6	6.6	70	0.2	27.4	13.1	440	3.44	7.3	0.3	<0.5	1.8	27	0.1	0.3	0.1	90	0.36	0.054
REP 1013573	QC	1.2	24.1	6.8	75	0.2	27.8	13.6	456	3.56	7.4	0.3	2.2	1.9	29	0.1	0.3	0.2	92	0.39	0.055
1014502	Soil	0.8	27.0	9.2	56	<0.1	25.7	12.5	297	2.97	9.5	0.8	3.5	5.1	19	<0.1	0.4	0.2	68	0.20	0.016
REP 1014502	QC	0.9	27.2	9.1	56	<0.1	25.3	12.8	299	2.94	9.6	0.8	3.1	5.3	19	0.1	0.4	0.1	70	0.20	0.016
1014539	Soil	1.0	23.9	9.0	53	<0.1	23.9	11.3	340	3.05	10.4	0.5	9.3	3.3	18	<0.1	0.5	0.2	66	0.16	0.020
REP 1014539	QC	0.9	22.9	8.3	54	<0.1	25.3	11.1	323	2.97	10.6	0.4	6.9	3.2	18	<0.1	0.5	0.3	67	0.15	0.020
1013180	Soil	0.8	35.3	8.7	94	1.6	18.0	15.4	484	3.68	5.4	1.1	<0.5	4.5	31	0.2	0.4	0.4	57	0.54	0.078
REP 1013180	QC	1.1	36.5	8.6	94	1.7	18.6	15.8	517	3.89	5.7	1.0	<0.5	4.7	31	0.2	0.4	0.4	58	0.56	0.081
1013166	Soil	0.5	10.6	25.5	46	<0.1	13.7	7.2	620	2.14	4.7	4.0	0.6	19.2	18	0.2	0.4	0.2	47	0.21	0.040
REP 1013166	QC	0.5	10.1	24.5	46	<0.1	12.6	7.2	619	2.10	4.8	3.8	1.5	18.7	18	<0.1	0.3	0.2	45	0.21	0.037
1030920	Soil	0.5	7.6	4.8	76	<0.1	10.1	9.0	560	3.15	7.1	0.3	<0.5	2.3	22	<0.1	0.2	<0.1	62	0.35	0.117
REP 1030920	QC	0.6	7.6	4.7	75	<0.1	10.4	9.0	553	3.01	7.0	0.3	0.6	2.4	21	<0.1	0.3	<0.1	63	0.35	0.116
1029649	Soil	0.7	85.6	4.9	65	<0.1	25.9	13.6	515	3.26	5.3	0.4	<0.5	2.1	54	<0.1	0.2	<0.1	79	0.59	0.086
REP 1029649	QC	0.7	82.0	4.8	69	<0.1	24.3	12.8	499	3.19	5.0	0.3	<0.5	2.0	54	<0.1	0.3	<0.1	76	0.58	0.082
1013605	Soil	0.9	17.3	25.7	56	<0.1	19.3	8.7	552	2.55	7.9	4.3	1.6	23.5	20	0.1	0.5	0.6	56	0.26	0.032
REP 1013605	QC	0.8	17.5	25.1	56	<0.1	18.9	8.7	530	2.43	8.1	3.6	<0.5	23.8	20	<0.1	0.5	0.6	55	0.25	0.032
1011213	Soil	0.5	7.3	2.4	109	<0.1	9.5	17.1	928	4.53	4.1	0.3	<0.5	1.3	43	<0.1	0.2	<0.1	109	0.88	0.259
REP 1011213	QC	0.4	7.9	2.4	111	<0.1	9.5	17.7	986	4.70	4.3	0.3	2.3	1.4	43	<0.1	0.2	<0.1	111	0.90	0.261
1011241	Soil	0.9	43.6	5.0	71	<0.1	28.5	9.7	517	3.44	8.2	0.6	15.0	3.1	25	0.1	0.4	<0.1	78	0.40	0.069
REP 1011241	QC	0.8	41.0	4.4	65	<0.1	26.6	9.4	522	3.40	8.1	0.6	4.1	3.2	25	<0.1	0.6	<0.1	77	0.40	0.067

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QUALITY CONTROL REPORT WHI11000377.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1029640	Soil	8	22	0.79	428	0.131	<1	1.76	0.013	0.35	0.2	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
REP 1029640	QC	8	21	0.77	405	0.127	<1	1.79	0.012	0.34	0.2	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1030863	Soil	6	19	1.34	264	0.152	2	2.39	0.013	0.36	0.2	0.01	8.7	<0.1	<0.05	11	<0.5	<0.2
REP 1030863	QC	6	20	1.32	255	0.151	<1	2.40	0.014	0.36	0.2	0.01	9.0	<0.1	<0.05	11	<0.5	<0.2
1011152	Soil	12	23	0.49	272	0.054	1	1.11	0.019	0.06	0.2	0.06	2.9	<0.1	<0.05	4	<0.5	<0.2
REP 1011152	QC	12	24	0.50	282	0.055	2	1.05	0.020	0.06	0.2	0.06	3.0	<0.1	<0.05	4	<0.5	<0.2
1013552	Soil	15	38	0.79	316	0.083	2	2.29	0.011	0.09	0.2	0.03	4.3	0.1	<0.05	6	<0.5	<0.2
REP 1013552	QC	16	39	0.81	328	0.084	2	2.22	0.011	0.09	0.2	0.04	4.6	<0.1	<0.05	7	<0.5	<0.2
1013573	Soil	6	62	0.81	249	0.082	<1	2.02	0.016	0.06	0.1	0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
REP 1013573	QC	6	65	0.82	250	0.089	1	2.08	0.016	0.06	<0.1	0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1014502	Soil	12	38	0.56	240	0.080	1	2.21	0.016	0.06	<0.1	0.05	4.2	0.1	<0.05	6	0.8	<0.2
REP 1014502	QC	12	37	0.58	247	0.081	<1	2.26	0.015	0.06	<0.1	0.03	4.3	0.1	<0.05	6	<0.5	<0.2
1014539	Soil	7	36	0.65	190	0.070	1	2.47	0.011	0.05	0.2	0.04	2.9	<0.1	<0.05	6	<0.5	<0.2
REP 1014539	QC	7	36	0.69	185	0.069	1	2.45	0.009	0.05	0.1	0.02	2.9	0.1	0.08	5	<0.5	<0.2
1013180	Soil	15	37	0.98	274	0.157	1	2.00	0.015	0.45	0.4	0.05	3.6	0.2	<0.05	7	<0.5	<0.2
REP 1013180	QC	16	39	1.00	282	0.163	1	2.17	0.021	0.48	0.4	0.07	3.5	0.2	<0.05	7	<0.5	<0.2
1013166	Soil	15	23	0.39	137	0.047	2	1.23	0.015	0.07	0.2	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
REP 1013166	QC	15	22	0.40	138	0.048	1	1.29	0.015	0.07	0.2	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1030920	Soil	7	18	0.86	255	0.129	<1	1.93	0.014	0.47	<0.1	0.01	3.5	0.1	<0.05	8	<0.5	<0.2
REP 1030920	QC	7	18	0.89	241	0.122	<1	1.97	0.015	0.46	0.1	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1029649	Soil	7	43	0.98	310	0.107	<1	1.88	0.023	0.17	0.2	0.01	3.7	<0.1	<0.05	8	0.9	<0.2
REP 1029649	QC	7	41	0.96	300	0.105	<1	2.00	0.023	0.16	0.2	0.02	3.9	<0.1	<0.05	8	<0.5	<0.2
1013605	Soil	15	29	0.56	145	0.080	1	1.69	0.012	0.10	0.3	<0.01	3.5	0.3	0.05	6	0.5	<0.2
REP 1013605	QC	15	29	0.53	146	0.078	<1	1.61	0.013	0.10	0.3	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
1011213	Soil	6	15	1.89	584	0.247	<1	2.78	0.015	0.97	<0.1	<0.01	2.8	0.2	<0.05	8	0.8	<0.2
REP 1011213	QC	6	16	1.91	574	0.248	<1	2.84	0.016	1.01	<0.1	<0.01	2.9	0.3	<0.05	8	<0.5	<0.2
1011241	Soil	14	32	0.84	305	0.099	1	1.68	0.013	0.15	<0.1	0.04	7.6	<0.1	<0.05	6	0.7	<0.2
REP 1011241	QC	14	31	0.82	300	0.101	2	1.65	0.012	0.15	<0.1	0.04	7.3	<0.1	<0.05	6	<0.5	<0.2

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QUALITY CONTROL REPORT WHI11000377.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard	13.3	112.9	127.5	316	1.8	37.9	7.7	642	2.52	25.3	3.0	127.3	7.6	68	2.0	5.7	6.9	42	0.70	0.080
STD DS8	Standard	13.9	109.0	126.5	303	1.7	38.3	7.5	651	2.50	25.3	3.0	103.7	7.5	69	2.2	5.7	6.9	44	0.71	0.080
STD DS8	Standard	12.5	107.4	132.6	321	1.9	37.3	7.7	626	2.43	26.5	2.7	119.5	6.3	66	2.4	5.6	6.5	42	0.64	0.090
STD DS8	Standard	13.5	113.9	135.1	335	1.9	40.5	8.2	668	2.66	27.3	2.8	118.8	6.9	68	2.3	5.6	6.0	42	0.71	0.086
STD DS8	Standard	14.1	113.3	126.4	319	1.8	40.5	7.7	602	2.39	25.2	2.8	114.6	6.8	66	2.3	5.3	6.8	44	0.66	0.078
STD DS8	Standard	14.2	121.8	127.8	328	1.9	39.8	7.7	658	2.64	29.9	3.0	127.8	7.7	76	2.4	6.4	8.1	43	0.73	0.089
STD DS8	Standard	13.8	119.3	131.2	346	1.8	40.6	8.0	671	2.63	28.2	3.0	114.7	7.4	72	2.6	6.5	7.8	44	0.75	0.090
STD DS8	Standard	12.7	106.4	140.1	318	1.8	38.4	7.6	636	2.52	25.9	3.0	151.3	7.5	68	2.2	5.8	6.6	43	0.69	0.078
STD DS8	Standard	12.8	109.8	141.0	325	1.8	38.3	7.7	643	2.51	26.3	3.0	111.1	7.3	67	2.3	5.8	6.6	42	0.69	0.077
STD DS8	Standard	11.3	102.1	122.6	286	1.7	34.1	7.0	588	2.27	25.3	2.6	98.4	6.3	64	2.1	5.0	5.6	40	0.63	0.084
STD DS8	Standard	11.9	98.6	120.8	289	1.6	34.5	6.8	572	2.26	24.6	2.7	95.8	6.2	64	2.0	5.3	5.3	38	0.64	0.078
STD DS8	Standard	14.2	122.0	123.4	333	1.8	41.9	8.3	628	2.50	28.3	2.7	112.4	6.6	61	2.3	5.1	5.8	47	0.72	0.085
STD DS8	Standard	13.9	113.4	119.4	315	1.7	39.1	7.7	617	2.40	28.1	2.8	100.7	6.3	59	2.2	4.9	5.4	47	0.68	0.082
STD DS8	Standard	14.0	112.2	126.1	307	1.9	39.2	7.7	607	2.40	25.4	2.8	107.6	6.9	65	2.2	5.3	6.2	43	0.70	0.074
STD DS8	Standard	14.1	109.2	123.4	301	1.8	38.9	7.6	602	2.38	25.5	2.8	101.4	6.9	63	2.3	4.9	6.2	43	0.70	0.073
STD DS8	Standard	13.7	109.6	123.6	336	1.8	39.7	7.9	623	2.51	28.4	2.6	184.1	6.4	64	2.5	5.8	6.6	42	0.73	0.088
STD DS8	Standard	13.8	113.8	125.6	362	1.9	38.6	8.0	628	2.53	28.7	2.6	113.2	6.6	67	2.6	5.9	6.5	43	0.71	0.086
STD DS8	Standard	12.1	101.1	123.0	300	1.6	37.1	7.4	610	2.42	25.0	2.8	101.0	6.9	70	2.0	5.3	6.6	40	0.66	0.075
STD DS8	Standard	13.4	108.5	128.4	321	1.8	40.9	7.4	657	2.55	26.7	3.0	121.2	7.4	77	2.2	6.0	7.2	45	0.72	0.081
STD DS8	Standard	12.6	118.7	141.3	331	1.7	41.3	7.9	647	2.50	26.3	3.2	115.3	7.3	77	2.4	6.2	7.0	41	0.70	0.078
STD DS8	Standard	14.0	114.4	141.3	332	1.8	40.7	8.0	681	2.68	27.8	2.8	117.0	7.1	80	2.1	6.1	7.0	45	0.73	0.082
STD DS8	Standard	13.1	110.2	126.7	304	1.8	37.8	7.4	587	2.38	25.4	2.8	98.5	6.9	62	2.3	5.5	6.1	42	0.67	0.078
STD DS8	Standard	13.5	111.5	126.5	315	1.8	37.4	7.4	619	2.49	26.3	2.8	107.6	6.9	63	2.3	5.7	6.0	43	0.66	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000377.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS8	Standard	16	125	0.64	285	0.120	3	0.96	0.096	0.43	3.1	0.19	2.0	5.7	0.19	5	5.5	4.9
STD DS8	Standard	16	122	0.64	297	0.123	3	1.00	0.092	0.45	3.0	0.19	2.0	5.7	0.18	5	6.5	5.2
STD DS8	Standard	13	115	0.64	281	0.111	3	0.93	0.106	0.42	3.2	0.22	1.9	5.4	0.14	5	5.4	4.5
STD DS8	Standard	14	125	0.65	278	0.121	2	0.96	0.108	0.45	3.0	0.24	2.2	5.4	0.27	5	5.3	5.5
STD DS8	Standard	15	119	0.60	269	0.125	3	0.89	0.076	0.41	3.1	0.20	2.0	5.1	0.16	5	5.2	4.9
STD DS8	Standard	16	117	0.67	311	0.127	3	1.01	0.093	0.45	3.2	0.22	2.5	5.4	0.13	5	5.4	5.5
STD DS8	Standard	15	124	0.67	304	0.129	3	0.97	0.094	0.46	3.4	0.21	2.5	5.3	0.16	5	4.8	4.9
STD DS8	Standard	15	120	0.63	290	0.113	3	0.95	0.088	0.42	3.3	0.21	2.0	5.8	0.23	5	6.1	5.4
STD DS8	Standard	15	118	0.61	279	0.107	3	0.87	0.089	0.43	3.0	0.21	2.0	5.8	0.18	5	4.4	5.2
STD DS8	Standard	13	112	0.57	252	0.109	3	0.87	0.111	0.45	2.8	0.20	2.0	5.0	0.19	4	4.7	4.7
STD DS8	Standard	14	104	0.55	261	0.107	2	0.86	0.101	0.42	2.9	0.19	2.2	5.0	0.06	4	4.4	4.6
STD DS8	Standard	15	128	0.60	276	0.133	3	1.00	0.114	0.47	2.8	0.18	2.6	5.2	0.20	5	5.2	5.3
STD DS8	Standard	15	122	0.60	280	0.129	2	0.96	0.105	0.43	2.8	0.18	2.5	4.9	0.17	5	6.0	4.8
STD DS8	Standard	16	120	0.61	285	0.123	2	0.91	0.097	0.42	3.0	0.19	2.4	5.2	0.18	5	5.4	5.2
STD DS8	Standard	15	121	0.60	270	0.125	3	0.90	0.099	0.42	2.9	0.20	2.2	5.1	0.18	5	5.4	5.1
STD DS8	Standard	14	120	0.67	275	0.112	4	0.97	0.104	0.45	3.1	0.20	1.9	5.4	0.15	5	5.5	4.9
STD DS8	Standard	15	122	0.63	276	0.117	3	0.97	0.103	0.46	3.3	0.20	2.2	5.7	0.15	5	5.5	5.0
STD DS8	Standard	13	109	0.58	262	0.104	3	0.79	0.083	0.40	2.5	0.19	1.8	5.2	0.16	5	5.1	5.0
STD DS8	Standard	15	121	0.66	290	0.117	2	0.85	0.096	0.43	2.9	0.22	2.0	5.7	0.13	5	5.3	5.0
STD DS8	Standard	15	120	0.63	313	0.112	2	0.95	0.132	0.53	3.2	0.21	2.7	6.0	0.16	5	5.6	5.4
STD DS8	Standard	15	126	0.64	307	0.117	2	0.97	0.126	0.55	3.3	0.18	2.8	5.8	0.11	5	5.4	5.2
STD DS8	Standard	14	116	0.60	266	0.116	2	0.90	0.083	0.39	3.0	0.17	1.8	5.3	0.11	5	5.8	5.2
STD DS8	Standard	15	119	0.60	276	0.117	2	0.90	0.083	0.40	3.4	0.17	1.9	5.5	0.14	5	5.9	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000377.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 14, 2011

QUALITY CONTROL REPORT WHI11000377.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 20, 2011
Report Date: July 15, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000378.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 260

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	260	Dry at 60C			VAN
SS80	260	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	260	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031802	Soil	0.7	39.5	7.1	53	0.1	25.5	9.4	304	2.49	10.6	0.6	2.6	4.4	22	<0.1	0.5	0.2	53	0.33	0.035
1031804	Soil	0.7	47.1	6.3	60	0.1	23.4	11.6	394	2.98	10.0	0.7	6.9	4.0	27	<0.1	0.6	0.1	69	0.48	0.090
1031812	Soil	0.7	49.6	4.9	207	<0.1	12.1	15.2	570	4.43	9.5	0.6	<0.5	2.5	18	0.3	0.5	<0.1	71	0.27	0.084
1031811	Soil	0.6	36.0	7.3	65	<0.1	25.3	12.1	316	3.09	7.4	0.6	4.6	4.4	30	<0.1	0.5	0.1	68	0.37	0.047
1031805	Soil	0.8	71.4	4.7	83	<0.1	17.5	14.8	593	4.06	4.7	0.9	0.6	3.7	21	<0.1	0.3	0.1	97	0.51	0.122
1031814	Soil	0.5	26.7	4.1	70	<0.1	15.3	11.1	291	2.71	6.8	0.4	1.4	2.4	17	<0.1	0.4	0.1	50	0.42	0.132
1031815	Soil	0.5	77.2	2.2	222	<0.1	8.8	6.0	448	6.13	2.9	0.4	<0.5	1.5	24	<0.1	0.2	0.1	96	0.14	0.086
1031807	Soil	0.6	76.9	5.4	55	<0.1	29.5	15.7	378	2.85	6.1	0.7	0.8	4.5	21	<0.1	0.3	0.1	72	0.41	0.068
1031813	Soil	0.4	88.6	3.5	254	0.1	9.4	11.3	553	6.35	8.7	0.4	0.6	1.4	28	0.1	0.5	0.1	82	0.31	0.085
1031806	Soil	0.7	32.0	7.1	66	<0.1	23.1	10.5	398	2.92	9.9	0.6	0.5	4.2	23	<0.1	0.5	0.1	62	0.38	0.064
1031818	Soil	0.8	16.7	5.3	238	0.1	12.5	10.4	663	3.95	5.7	0.4	<0.5	2.2	13	0.3	0.3	0.1	41	0.63	0.261
1031816	Soil	0.4	8.2	3.4	176	<0.1	6.4	12.8	433	4.55	3.3	0.4	1.3	1.4	16	0.2	0.2	<0.1	34	0.74	0.318
1031834	Soil	0.7	25.6	7.1	83	0.1	19.1	14.7	722	4.03	11.5	0.6	4.5	6.6	28	0.2	0.9	<0.1	57	0.58	0.097
1031817	Soil	0.7	25.7	7.3	89	0.1	17.5	14.4	750	4.25	10.7	0.6	2.7	6.9	28	0.1	0.8	<0.1	59	0.61	0.106
1030804	Soil	0.7	58.9	5.7	59	0.1	50.7	17.0	589	4.05	112.3	1.4	5.1	11.2	35	<0.1	0.7	<0.1	65	1.45	0.077
1031830	Soil	1.4	27.3	7.4	74	0.1	29.1	10.3	487	2.52	11.6	1.3	4.3	4.0	150	0.4	1.2	0.1	52	4.57	0.077
1030807	Soil	0.7	42.2	5.1	61	0.1	29.8	17.2	565	3.39	10.5	0.5	4.4	2.8	45	0.1	0.7	0.1	74	1.86	0.077
1030808	Soil	0.5	42.5	4.9	66	0.2	30.8	16.6	585	3.47	10.2	0.5	4.5	2.9	43	<0.1	0.6	<0.1	77	1.72	0.070
1030809	Soil	0.7	15.2	6.6	65	<0.1	25.0	11.1	454	3.16	13.8	0.7	1.8	7.7	27	<0.1	0.7	<0.1	62	0.43	0.039
1030810	Soil	0.6	25.7	7.2	66	<0.1	25.3	13.6	624	3.85	13.1	0.7	1.4	8.0	28	<0.1	0.6	<0.1	75	0.48	0.071
1030802	Soil	0.9	7.5	5.9	50	<0.1	10.6	8.2	462	3.09	6.4	0.8	<0.5	8.5	23	<0.1	0.5	<0.1	44	0.46	0.062
1031833	Soil	0.8	25.8	7.3	69	<0.1	26.8	11.9	511	3.16	10.8	0.9	4.2	6.6	26	<0.1	0.8	0.1	59	0.43	0.078
1031803	Soil	1.0	65.4	7.0	75	0.1	23.0	15.8	574	3.69	11.7	0.6	2.0	4.7	22	<0.1	0.3	0.1	90	0.45	0.041
1031809	Soil	0.6	46.1	4.3	133	<0.1	18.4	9.8	563	3.42	5.9	0.7	<0.5	3.6	16	<0.1	0.4	<0.1	52	0.30	0.042
1030806	Soil	0.8	21.4	7.1	66	<0.1	23.9	12.3	560	3.34	10.0	0.8	4.9	6.6	27	<0.1	0.9	0.1	57	0.45	0.084
1030803	Soil	0.8	17.6	11.8	60	<0.1	18.4	10.7	559	3.12	44.5	1.2	1.6	13.6	24	<0.1	0.8	0.1	50	0.47	0.040
1031831	Soil	0.9	23.2	8.3	72	0.1	26.5	11.2	556	2.81	9.9	0.8	5.3	6.8	28	<0.1	0.8	0.2	56	0.47	0.050
1031828	Soil	0.6	44.9	7.0	45	0.3	29.4	9.5	387	2.24	18.3	0.7	45.3	2.8	79	0.2	1.1	0.1	49	3.94	0.066
1031808	Soil	0.7	60.9	5.6	65	<0.1	24.4	16.7	508	3.70	7.3	0.6	1.9	3.5	23	<0.1	0.4	<0.1	94	0.41	0.086
1031829	Soil	1.4	28.4	7.4	72	<0.1	27.8	10.8	475	2.55	11.7	1.3	6.6	3.9	151	0.4	1.1	0.1	53	4.83	0.078

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031802	Soil	15	30	0.60	237	0.067	2	1.37	0.012	0.16	0.2	0.02	4.5	<0.1	<0.05	4	<0.5	<0.2
1031804	Soil	11	32	0.84	345	0.116	1	1.78	0.016	0.24	0.1	0.01	5.4	<0.1	<0.05	6	<0.5	<0.2
1031812	Soil	8	16	0.73	295	0.055	1	1.82	0.020	0.13	<0.1	<0.01	7.5	<0.1	<0.05	8	0.6	<0.2
1031811	Soil	15	34	0.91	449	0.124	1	2.30	0.017	0.11	0.1	0.02	4.4	<0.1	<0.05	7	<0.5	<0.2
1031805	Soil	11	29	1.20	296	0.183	1	2.01	0.022	0.72	<0.1	<0.01	5.6	0.1	<0.05	7	<0.5	<0.2
1031814	Soil	7	17	0.54	154	0.052	2	1.40	0.019	0.08	0.1	<0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1031815	Soil	11	11	1.90	219	0.075	<1	2.43	0.077	0.13	<0.1	0.01	7.9	<0.1	0.37	11	0.8	<0.2
1031807	Soil	11	51	1.09	237	0.122	3	1.74	0.011	0.31	0.2	0.01	4.7	0.2	<0.05	5	<0.5	<0.2
1031813	Soil	6	13	1.52	232	0.072	<1	2.57	0.047	0.11	<0.1	<0.01	7.8	<0.1	0.19	13	<0.5	<0.2
1031806	Soil	11	38	0.62	260	0.105	1	1.74	0.012	0.29	<0.1	0.02	5.3	<0.1	<0.05	5	<0.5	<0.2
1031818	Soil	8	16	0.71	276	0.092	<1	1.90	0.024	0.29	0.1	<0.01	4.2	0.1	<0.05	9	<0.5	<0.2
1031816	Soil	7	10	1.72	269	0.165	1	2.78	0.018	0.28	<0.1	0.01	7.7	<0.1	<0.05	15	<0.5	<0.2
1031834	Soil	27	17	1.22	369	0.129	3	2.28	0.014	0.48	<0.1	0.02	3.1	0.1	<0.05	7	<0.5	<0.2
1031817	Soil	28	16	1.28	380	0.142	2	2.40	0.015	0.54	0.1	0.03	3.1	0.2	<0.05	8	<0.5	<0.2
1030804	Soil	36	45	0.89	327	0.051	4	1.88	0.011	0.32	<0.1	0.02	8.0	0.1	<0.05	6	<0.5	<0.2
1031830	Soil	13	26	1.03	561	0.085	4	1.30	0.038	0.16	0.3	0.03	3.5	0.1	<0.05	4	<0.5	<0.2
1030807	Soil	11	38	1.51	318	0.112	3	2.09	0.020	0.19	0.1	0.05	6.0	<0.1	<0.05	6	<0.5	<0.2
1030808	Soil	11	40	1.53	332	0.117	3	2.12	0.023	0.21	0.1	0.04	6.2	0.1	<0.05	6	<0.5	<0.2
1030809	Soil	21	36	0.74	282	0.119	3	1.94	0.012	0.39	0.1	0.01	4.9	0.1	<0.05	6	<0.5	<0.2
1030810	Soil	24	26	0.94	243	0.197	2	2.11	0.024	0.49	0.1	0.02	4.2	0.2	<0.05	7	<0.5	<0.2
1030802	Soil	22	21	0.52	495	0.028	1	1.51	0.010	0.20	0.1	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1031833	Soil	21	31	0.73	251	0.098	3	1.78	0.013	0.26	0.2	0.01	4.5	0.1	<0.05	6	<0.5	<0.2
1031803	Soil	11	33	1.19	248	0.136	2	2.37	0.017	0.47	0.1	0.01	6.8	0.1	<0.05	7	<0.5	<0.2
1031809	Soil	13	28	0.99	229	0.169	2	1.85	0.017	0.28	0.2	<0.01	4.2	<0.1	<0.05	9	<0.5	<0.2
1030806	Soil	21	30	0.76	252	0.102	3	1.90	0.015	0.28	0.2	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1030803	Soil	24	28	0.51	340	0.040	2	1.67	0.011	0.14	0.2	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1031831	Soil	22	31	0.65	311	0.092	3	1.49	0.016	0.26	0.2	0.01	4.4	0.1	<0.05	5	<0.5	<0.2
1031828	Soil	13	25	0.60	342	0.067	3	1.14	0.016	0.15	0.2	0.09	3.0	<0.1	<0.05	3	<0.5	<0.2
1031808	Soil	16	38	1.27	357	0.220	<1	2.21	0.019	0.57	0.1	<0.01	2.9	0.2	<0.05	6	0.6	<0.2
1031829	Soil	13	26	1.03	563	0.088	3	1.27	0.036	0.15	0.2	0.03	3.2	0.1	<0.05	4	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031810	Soil		0.6	58.9	6.4	118	<0.1	27.1	23.8	978	6.24	7.7	0.6	1.9	3.5	20	<0.1	0.3	<0.1	143	0.51	0.125
1031832	Soil		0.9	23.3	8.1	74	0.1	25.7	11.8	575	2.90	10.6	0.8	6.3	7.0	30	0.2	0.8	0.2	58	0.51	0.054
1031801	Soil		1.2	48.2	10.1	78	<0.1	38.2	14.4	651	3.93	12.3	1.2	6.2	9.4	29	<0.1	0.8	0.1	78	0.51	0.041
1030801	Soil		0.9	14.5	6.6	71	<0.1	16.0	12.1	764	4.06	28.5	1.3	1.9	15.1	23	<0.1	0.7	<0.1	59	0.42	0.060
1030508	Soil		1.2	37.3	7.4	84	<0.1	21.5	12.4	483	4.08	8.6	0.5	1.1	2.9	13	<0.1	0.5	0.1	118	0.14	0.027
1029746	Soil		0.3	80.0	4.0	71	<0.1	15.8	21.0	225	4.46	5.7	0.4	2.3	2.4	15	<0.1	0.3	<0.1	165	0.29	0.062
1030506	Soil		0.4	69.8	4.6	58	<0.1	17.8	16.0	344	3.46	4.9	0.3	2.4	1.7	15	<0.1	0.3	<0.1	103	0.38	0.057
1030513	Soil		1.6	50.4	5.0	90	<0.1	15.5	16.1	567	4.90	22.9	0.5	<0.5	2.3	10	<0.1	3.1	<0.1	138	0.14	0.042
1030510	Soil		0.9	47.5	6.7	64	<0.1	18.4	12.4	435	4.05	8.1	0.6	3.0	3.1	16	<0.1	0.6	<0.1	102	0.21	0.022
1030505	Soil		0.6	55.0	5.9	57	<0.1	21.6	16.5	404	3.79	6.9	0.5	2.3	3.6	19	<0.1	0.4	<0.1	102	0.41	0.033
1030512	Soil		0.6	32.7	5.6	83	<0.1	14.8	12.1	347	3.48	6.7	0.5	0.6	2.9	16	<0.1	0.4	0.1	68	0.17	0.030
1030515	Soil		1.1	39.1	4.2	86	<0.1	14.9	11.3	557	4.80	5.2	0.6	2.7	4.3	22	<0.1	0.3	<0.1	117	0.36	0.078
1029743	Soil		0.2	123.8	4.0	178	<0.1	10.1	27.0	470	5.17	3.1	0.6	2.0	2.4	16	0.2	0.2	<0.1	193	0.24	0.044
1030514	Soil		2.6	183.0	3.3	103	<0.1	13.8	16.3	700	6.00	5.4	2.1	1.6	7.6	10	<0.1	0.2	0.2	145	0.16	0.050
1029749	Soil		0.4	46.8	5.8	57	<0.1	16.5	9.1	195	2.22	4.7	0.6	5.3	4.2	27	<0.1	0.3	0.1	54	0.41	0.078
1030517	Soil		1.0	36.3	7.5	45	<0.1	21.1	10.6	262	2.69	8.6	0.4	7.9	2.8	21	<0.1	0.6	0.1	66	0.25	0.020
1030523	Soil		0.9	37.9	9.5	58	0.1	27.2	11.4	422	2.82	10.5	0.9	7.0	5.2	36	<0.1	0.8	0.2	61	0.51	0.063
1030519	Soil		0.7	49.7	4.7	108	<0.1	21.2	20.4	606	5.23	5.3	0.6	2.1	3.2	23	<0.1	0.3	<0.1	169	0.40	0.086
1030518	Soil		1.1	54.4	6.2	88	<0.1	22.4	19.2	582	5.30	5.9	0.9	2.3	5.1	24	<0.1	0.3	<0.1	145	0.39	0.069
1030507	Soil		0.8	81.1	5.3	63	<0.1	19.5	11.4	387	4.37	6.3	0.8	2.4	3.0	19	<0.1	0.4	<0.1	113	0.37	0.042
1030524	Soil		1.0	21.4	6.8	54	<0.1	18.0	10.9	509	2.81	13.4	0.7	3.2	3.7	23	<0.1	0.5	<0.1	70	0.29	0.023
1030521	Soil		0.3	120.5	2.7	56	<0.1	25.6	20.7	202	3.71	4.3	1.0	4.2	4.5	18	<0.1	0.2	<0.1	122	0.55	0.101
1030504	Soil		0.8	24.8	7.4	48	<0.1	19.5	9.6	241	2.65	9.0	0.5	5.5	3.9	22	<0.1	0.6	<0.1	70	0.26	0.026
1030520	Soil		0.4	93.0	5.9	66	0.2	26.4	21.1	478	4.18	5.1	0.5	0.5	2.3	29	<0.1	0.3	<0.1	133	0.42	0.129
1030522	Soil		0.7	39.0	7.2	52	<0.1	29.2	12.0	388	2.92	9.7	0.8	3.9	4.8	29	<0.1	0.6	<0.1	72	0.38	0.027
1029750	Soil		0.4	31.2	4.8	71	<0.1	12.1	12.4	369	3.60	3.9	0.4	1.0	2.0	13	<0.1	0.2	<0.1	86	0.39	0.076
1030509	Soil		0.7	43.6	6.3	66	<0.1	18.3	12.8	398	3.64	7.7	0.5	1.8	3.0	15	<0.1	0.5	<0.1	87	0.25	0.021
1030503	Soil		0.6	28.1	7.6	48	<0.1	20.9	10.3	261	2.97	9.9	0.7	2.5	4.7	23	<0.1	0.5	0.1	71	0.25	0.026
1030511	Soil		0.4	116.2	3.3	75	<0.1	16.6	26.0	451	4.79	2.6	1.1	5.1	2.8	25	<0.1	0.2	<0.1	202	0.65	0.130
1030502	Soil		2.0	69.6	2.1	79	<0.1	12.3	16.8	699	4.37	2.6	1.3	1.6	5.8	13	<0.1	0.1	<0.1	110	0.37	0.119

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031810	Soil	11	51	2.91	272	0.196	<1	3.57	0.012	0.31	0.1	<0.01	8.6	<0.1	<0.05	14	1.0	<0.2
1031832	Soil	23	31	0.68	327	0.100	4	1.58	0.016	0.26	0.2	0.02	4.3	0.1	<0.05	5	<0.5	<0.2
1031801	Soil	26	61	1.15	223	0.129	2	2.04	0.020	0.22	0.2	0.03	6.4	0.1	<0.05	7	<0.5	<0.2
1030801	Soil	30	24	0.80	347	0.114	1	2.09	0.011	0.46	0.1	0.01	5.0	0.1	<0.05	8	<0.5	<0.2
1030508	Soil	7	41	1.22	531	0.178	<1	2.61	0.010	0.72	0.1	<0.01	6.6	0.2	<0.05	8	0.5	<0.2
1029746	Soil	10	20	2.40	290	0.203	<1	3.11	0.032	0.96	<0.1	0.01	8.4	<0.1	0.10	11	<0.5	<0.2
1030506	Soil	4	23	1.06	372	0.189	<1	2.17	0.025	0.44	0.1	0.02	3.0	<0.1	0.09	7	<0.5	<0.2
1030513	Soil	5	23	1.33	512	0.244	<1	2.86	0.013	1.50	0.1	<0.01	12.7	0.3	0.11	10	<0.5	<0.2
1030510	Soil	8	32	0.87	331	0.146	<1	2.19	0.018	0.43	0.2	0.02	5.5	0.1	0.05	8	<0.5	<0.2
1030505	Soil	13	36	1.35	355	0.192	<1	2.61	0.030	0.23	0.1	0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1030512	Soil	9	20	0.72	293	0.117	<1	1.92	0.015	0.35	0.1	0.02	5.3	0.1	<0.05	7	<0.5	<0.2
1030515	Soil	10	32	1.23	577	0.180	2	2.21	0.021	0.80	0.1	0.02	8.6	0.1	<0.05	9	<0.5	<0.2
1029743	Soil	15	13	2.40	1005	0.269	<1	3.02	0.040	1.20	<0.1	0.02	12.6	0.5	<0.05	11	<0.5	<0.2
1030514	Soil	17	36	1.59	684	0.282	1	3.40	0.017	1.93	0.1	<0.01	16.6	0.4	<0.05	14	1.4	0.3
1029749	Soil	15	27	0.65	221	0.101	<1	1.56	0.024	0.15	0.2	0.03	2.8	<0.1	<0.05	5	<0.5	<0.2
1030517	Soil	8	30	0.55	335	0.071	1	1.79	0.016	0.07	0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1030523	Soil	18	35	0.65	432	0.071	1	1.63	0.031	0.06	0.2	0.06	4.3	<0.1	<0.05	5	<0.5	<0.2
1030519	Soil	14	53	2.17	672	0.328	<1	3.16	0.023	1.03	0.1	<0.01	6.0	0.4	<0.05	11	<0.5	<0.2
1030518	Soil	22	41	1.71	622	0.313	<1	3.46	0.018	0.99	<0.1	0.02	11.2	0.4	<0.05	10	0.9	<0.2
1030507	Soil	13	36	1.06	457	0.243	<1	2.38	0.025	0.63	<0.1	0.01	5.8	0.2	0.07	7	0.6	<0.2
1030524	Soil	13	29	0.58	281	0.086	<1	1.69	0.016	0.13	0.2	0.02	4.7	<0.1	<0.05	6	<0.5	<0.2
1030521	Soil	12	55	1.68	326	0.223	<1	2.53	0.034	0.32	<0.1	0.01	5.7	<0.1	<0.05	8	<0.5	<0.2
1030504	Soil	10	32	0.67	228	0.074	<1	1.66	0.015	0.07	0.2	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1030520	Soil	6	53	2.04	562	0.250	1	2.87	0.021	0.72	<0.1	0.02	6.4	<0.1	<0.05	9	<0.5	<0.2
1030522	Soil	17	40	0.79	266	0.112	2	1.53	0.016	0.24	0.1	0.03	5.6	<0.1	<0.05	6	<0.5	<0.2
1029750	Soil	5	24	1.23	390	0.289	<1	2.48	0.031	0.67	<0.1	<0.01	3.0	0.1	<0.05	8	<0.5	<0.2
1030509	Soil	7	33	0.94	334	0.189	<1	1.96	0.018	0.29	0.1	0.02	3.1	<0.1	<0.05	7	<0.5	<0.2
1030503	Soil	12	35	0.74	200	0.091	<1	1.72	0.023	0.08	0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1030511	Soil	11	27	2.42	741	0.238	<1	2.48	0.052	0.74	<0.1	<0.01	8.3	0.2	<0.05	10	<0.5	<0.2
1030502	Soil	13	29	1.46	516	0.206	<1	2.12	0.021	1.05	<0.1	<0.01	12.7	0.1	<0.05	9	0.5	0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1029742	Soil	0.7	24.0	5.9	44	<0.1	21.6	7.9	169	2.20	7.0	0.3	2.6	2.2	13	<0.1	0.4	<0.1	56	0.18	0.024
1029745	Soil	0.4	26.2	3.5	35	<0.1	13.7	10.4	199	2.18	4.3	0.5	1.8	2.6	14	<0.1	0.3	<0.1	62	0.40	0.079
1029747	Soil	0.5	41.8	4.2	52	<0.1	14.2	13.3	342	3.01	4.3	0.7	2.2	3.3	15	<0.1	0.3	<0.1	88	0.36	0.083
1030516	Soil	0.7	53.1	6.1	61	0.2	19.8	13.2	257	3.16	7.3	0.4	2.1	2.6	12	<0.1	0.4	<0.1	84	0.18	0.024
1029748	Soil	0.5	39.4	4.5	64	<0.1	17.7	10.9	400	3.11	6.3	0.8	12.0	3.8	30	<0.1	0.4	<0.1	81	0.40	0.058
1029744	Soil	0.6	71.2	4.4	60	<0.1	15.5	15.0	223	3.63	5.7	0.6	2.5	2.8	16	<0.1	0.3	<0.1	118	0.21	0.028
1030501	Soil	0.5	74.6	5.6	61	<0.1	20.3	16.5	444	4.31	6.1	0.5	5.2	3.1	19	<0.1	0.3	<0.1	120	0.38	0.033
1012592	Soil	0.7	35.7	6.4	52	<0.1	24.0	13.5	348	3.12	8.4	0.6	2.7	4.8	27	<0.1	0.4	<0.1	72	0.39	0.032
1030661	Soil	0.7	19.6	3.4	66	<0.1	10.1	8.7	509	2.88	4.1	0.5	3.1	2.7	14	<0.1	0.4	<0.1	33	0.25	0.057
1030660	Soil	1.0	26.2	5.7	62	<0.1	10.7	8.8	373	3.48	5.5	0.5	3.6	3.8	12	<0.1	0.4	<0.1	40	0.17	0.027
1012593	Soil	0.6	23.9	6.0	49	<0.1	17.6	10.5	321	2.65	5.2	0.5	2.0	3.4	26	0.1	0.3	<0.1	61	0.35	0.024
1012594	Soil	0.6	24.5	7.6	66	<0.1	18.4	12.8	421	3.34	5.6	0.4	2.3	5.3	22	<0.1	0.4	<0.1	69	0.29	0.031
1030658	Soil	0.7	6.4	4.2	50	<0.1	7.8	6.2	395	2.36	2.9	0.2	1.5	1.3	13	<0.1	0.5	<0.1	34	0.19	0.034
1012596	Soil	0.5	87.6	3.4	42	<0.1	18.9	14.7	347	2.44	5.4	0.3	1.8	1.6	21	<0.1	0.3	<0.1	68	0.53	0.050
1012585	Soil	0.4	31.5	4.6	62	<0.1	23.0	14.9	579	3.23	5.0	0.5	1.5	3.1	33	<0.1	0.3	<0.1	64	0.60	0.049
1012600	Soil	0.6	49.1	4.2	56	<0.1	17.8	16.1	591	3.22	4.9	0.4	2.1	1.9	16	0.1	0.3	<0.1	92	0.42	0.039
1012599	Soil	0.7	45.9	2.5	54	<0.1	15.2	15.3	489	3.50	3.4	0.6	1.2	5.6	14	<0.1	0.4	<0.1	78	0.40	0.041
1012598	Soil	0.5	52.3	4.8	60	<0.1	22.2	16.2	382	2.91	4.9	0.3	1.7	2.0	24	<0.1	0.3	<0.1	76	0.38	0.020
1030651	Soil	0.5	37.2	2.8	52	<0.1	21.1	12.5	269	2.16	2.9	0.2	1.4	1.0	14	<0.1	0.2	<0.1	60	0.37	0.042
1030659	Soil	0.4	28.2	2.3	130	<0.1	4.9	7.8	642	3.83	4.3	0.3	1.1	2.4	9	<0.1	0.2	<0.1	24	0.33	0.114
1030653	Soil	1.0	11.7	7.1	46	<0.1	17.7	8.2	473	2.20	6.8	0.3	2.5	2.5	21	<0.1	0.5	0.1	53	0.27	0.018
1030663	Soil	0.6	12.1	3.2	56	<0.1	9.3	8.5	319	2.53	3.3	0.3	3.3	2.0	10	<0.1	0.2	<0.1	38	0.20	0.028
1030656	Soil	1.0	33.6	7.1	52	<0.1	18.5	11.3	349	2.83	7.5	0.5	3.0	3.1	20	<0.1	0.4	0.1	68	0.25	0.030
1030655	Soil	0.8	26.4	3.1	58	<0.1	10.4	9.0	467	3.43	3.9	1.4	4.4	3.7	15	<0.1	0.3	<0.1	36	0.18	0.027
1030669	Soil	0.6	18.1	4.1	44	<0.1	11.1	10.9	316	2.80	4.9	0.3	1.8	2.1	14	<0.1	0.3	<0.1	64	0.24	0.022
1030667	Soil	0.5	18.1	3.6	43	<0.1	9.2	12.2	529	3.81	5.1	0.9	3.3	4.6	24	<0.1	0.4	<0.1	44	0.29	0.034
1030668	Soil	0.8	14.2	6.3	42	<0.1	17.4	8.2	322	2.39	7.3	0.5	2.8	2.9	16	<0.1	0.4	0.1	52	0.18	0.021
1030666	Soil	0.9	16.4	6.1	74	<0.1	14.1	10.3	517	2.80	7.2	0.3	2.3	2.0	16	0.1	0.3	0.1	55	0.25	0.033
1030665	Soil	0.4	24.7	4.8	94	<0.1	6.8	10.3	652	3.20	4.2	1.7	4.1	3.8	15	0.1	0.2	<0.1	33	0.26	0.040
1030657	Soil	0.8	14.4	3.5	80	<0.1	11.5	9.8	568	3.45	5.0	0.5	1.0	3.9	11	<0.1	0.3	<0.1	42	0.18	0.041

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1029742	Soil	6	41	0.45	144	0.068	1	1.71	0.014	0.05	0.1	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1029745	Soil	9	23	0.82	157	0.101	<1	1.37	0.031	0.19	<0.1	<0.01	2.9	<0.1	0.07	4	<0.5	<0.2
1029747	Soil	16	21	1.08	321	0.186	<1	1.82	0.026	0.50	<0.1	0.01	4.3	<0.1	<0.05	6	0.6	<0.2
1030516	Soil	6	30	0.79	207	0.122	<1	1.99	0.018	0.13	0.1	<0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1029748	Soil	11	27	1.05	417	0.168	<1	1.64	0.023	0.51	<0.1	0.03	5.9	<0.1	<0.05	7	0.7	<0.2
1029744	Soil	8	21	1.29	335	0.145	<1	1.92	0.024	0.38	<0.1	<0.01	4.4	0.1	<0.05	7	<0.5	<0.2
1030501	Soil	11	32	1.63	376	0.214	2	2.76	0.036	0.44	<0.1	<0.01	6.3	<0.1	0.06	8	<0.5	<0.2
1012592	Soil	11	36	0.82	256	0.128	<1	1.94	0.016	0.26	0.1	<0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
1030661	Soil	12	16	0.54	197	0.137	<1	1.45	0.018	0.48	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1030660	Soil	8	19	0.51	178	0.086	<1	1.71	0.014	0.14	0.2	<0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
1012593	Soil	9	28	0.79	233	0.087	<1	1.77	0.015	0.12	0.1	<0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
1012594	Soil	10	23	0.99	407	0.052	<1	1.98	0.015	0.30	<0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1030658	Soil	5	12	0.24	314	0.019	2	1.11	0.009	0.08	0.1	<0.01	3.2	<0.1	<0.05	4	<0.5	<0.2
1012596	Soil	4	34	0.85	155	0.126	2	1.88	0.022	0.08	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1012585	Soil	9	23	1.08	235	0.125	<1	2.24	0.009	0.14	0.1	0.01	4.5	<0.1	<0.05	7	<0.5	<0.2
1012600	Soil	7	33	0.67	244	0.082	2	1.81	0.018	0.07	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5	<0.2
1012599	Soil	8	32	0.86	166	0.075	1	1.82	0.016	0.11	0.2	0.02	7.7	<0.1	<0.05	7	<0.5	<0.2
1012598	Soil	5	32	1.01	210	0.158	2	1.94	0.014	0.09	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1030651	Soil	4	39	0.53	179	0.087	<1	1.41	0.025	0.04	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1030659	Soil	4	7	0.85	290	0.216	2	2.14	0.009	0.97	0.2	0.02	12.0	0.2	<0.05	9	<0.5	<0.2
1030653	Soil	9	28	0.38	315	0.042	3	1.39	0.008	0.05	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1030663	Soil	4	12	0.46	161	0.111	2	1.82	0.016	0.26	<0.1	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1030656	Soil	9	31	0.52	293	0.074	1	1.69	0.017	0.08	0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1030655	Soil	18	15	0.44	242	0.073	1	1.53	0.010	0.22	<0.1	0.03	7.5	<0.1	<0.05	6	<0.5	<0.2
1030669	Soil	5	15	0.50	237	0.078	1	1.94	0.015	0.04	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1030667	Soil	21	14	0.53	359	0.019	2	1.70	0.008	0.10	<0.1	0.04	8.0	<0.1	<0.05	7	0.8	<0.2
1030668	Soil	8	28	0.44	313	0.090	2	1.58	0.007	0.10	0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
1030666	Soil	6	23	0.43	287	0.089	1	1.69	0.010	0.06	0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1030665	Soil	18	13	0.49	214	0.154	<1	1.65	0.010	0.18	<0.1	0.03	6.0	<0.1	<0.05	7	<0.5	<0.2
1030657	Soil	6	17	0.50	233	0.097	<1	1.86	0.007	0.34	<0.1	0.01	6.7	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030654	Soil	0.6	22.9	7.0	39	<0.1	14.7	6.7	175	2.18	6.0	0.9	2.5	3.3	20	<0.1	0.3	0.1	48	0.31	0.038
1030662	Soil	0.3	36.5	3.8	80	<0.1	7.7	9.7	591	3.33	2.6	0.7	1.9	2.5	14	<0.1	0.2	<0.1	35	0.27	0.061
1012583	Soil	0.4	26.9	4.9	62	<0.1	21.6	15.0	587	3.18	4.9	0.5	<0.5	2.8	35	<0.1	0.3	<0.1	68	0.68	0.048
1012590	Soil	0.5	37.7	4.6	55	<0.1	26.2	12.8	361	2.78	6.6	0.6	2.2	4.5	18	<0.1	0.3	<0.1	63	0.40	0.061
1012589	Soil	0.3	42.4	3.6	51	<0.1	24.9	15.4	397	3.09	5.7	0.5	<0.5	3.3	26	<0.1	0.2	<0.1	73	0.54	0.057
1012591	Soil	0.6	63.3	5.6	61	<0.1	36.6	18.5	512	3.73	6.6	0.6	2.3	5.3	28	<0.1	0.5	<0.1	75	0.50	0.040
1030664	Soil	0.2	9.7	1.3	36	<0.1	1.8	2.6	83	2.13	1.4	0.4	0.9	5.2	11	<0.1	0.4	<0.1	13	0.17	0.014
1012597	Soil	0.3	104.6	2.6	54	<0.1	18.4	17.7	370	2.87	4.6	0.3	2.6	1.4	29	<0.1	0.2	<0.1	90	0.77	0.079
1012595	Soil	0.6	49.2	5.2	47	<0.1	21.1	14.5	303	2.85	6.7	0.5	2.0	3.5	20	<0.1	0.4	<0.1	76	0.40	0.031
1030652	Soil	1.1	9.3	4.6	52	<0.1	8.4	6.1	345	2.79	3.3	0.3	2.1	1.5	11	<0.1	1.2	<0.1	43	0.14	0.025
1011622	Soil	1.2	19.4	9.5	52	0.1	18.9	10.4	309	2.60	6.1	0.6	4.1	3.9	23	0.1	0.2	0.3	60	0.32	0.035
1011616	Soil	2.1	31.7	8.3	66	0.3	23.1	16.9	553	3.19	4.3	0.7	95.2	3.2	31	0.1	0.2	0.4	76	0.54	0.045
1011619	Soil	1.1	22.0	9.7	54	0.2	19.7	10.3	260	2.60	5.4	0.7	2.9	3.3	25	<0.1	0.2	0.3	60	0.41	0.043
1011615	Soil	0.9	26.8	7.1	62	<0.1	21.1	13.4	344	3.01	3.8	0.5	6.4	3.6	29	<0.1	0.2	0.2	61	0.42	0.062
1011611	Soil	1.6	26.8	12.4	61	0.3	21.4	12.9	459	2.83	4.6	1.1	1.2	2.5	44	0.2	0.3	0.3	63	0.54	0.056
1011617	Soil	1.8	20.5	10.2	57	0.1	20.3	10.1	281	2.79	5.6	0.6	1.4	3.0	24	<0.1	0.3	0.4	69	0.31	0.039
1011621	Soil	1.2	18.8	7.9	61	<0.1	19.2	11.4	351	2.82	4.6	0.8	1.5	4.1	32	<0.1	0.2	0.3	56	0.46	0.048
1011606	Soil	1.7	18.7	8.5	62	0.1	18.4	12.1	365	2.89	5.1	0.8	2.6	4.6	27	<0.1	0.4	0.3	53	0.33	0.050
1011610	Soil	1.4	20.2	11.8	56	0.2	16.9	9.1	331	2.42	3.6	1.0	2.6	2.6	33	<0.1	0.3	0.3	59	0.44	0.050
1011614	Soil	1.6	18.7	12.1	80	0.1	19.0	14.8	632	3.09	5.8	0.6	1.9	4.1	29	<0.1	0.3	0.2	63	0.38	0.054
1011613	Soil	1.2	31.1	8.7	55	0.2	24.2	12.7	388	2.45	4.6	0.7	4.7	2.6	39	0.1	0.2	0.3	63	0.59	0.044
1011607	Soil	1.3	24.8	7.9	88	<0.1	21.2	18.9	615	4.29	3.4	0.6	1.9	4.1	30	<0.1	0.2	0.2	72	0.52	0.113
1011643	Soil	0.9	19.7	10.2	53	<0.1	22.0	10.4	338	2.92	8.7	0.8	4.6	4.3	24	<0.1	0.5	0.2	67	0.22	0.042
1011632	Soil	1.6	19.9	8.9	58	<0.1	18.9	10.6	336	2.86	6.7	1.0	1.6	4.6	34	<0.1	0.3	0.3	63	0.46	0.046
1011603	Soil	1.3	21.2	9.8	70	<0.1	22.3	13.0	432	3.61	8.9	0.7	4.4	4.3	22	0.1	0.5	0.3	74	0.24	0.049
1011601	Soil	1.2	19.0	9.7	62	<0.1	21.8	11.4	365	3.39	8.8	0.7	24.6	3.6	24	0.1	0.4	0.2	72	0.24	0.040
1011633	Soil	1.3	16.7	8.2	55	<0.1	16.6	9.8	325	2.66	4.9	0.7	1.4	4.0	20	<0.1	0.3	0.3	55	0.30	0.050
1011604	Soil	2.2	32.0	11.3	70	<0.1	26.2	13.7	426	3.78	9.3	0.9	5.2	5.8	20	<0.1	0.6	1.3	67	0.23	0.059
1011602	Soil	1.6	25.4	8.8	54	<0.1	29.2	12.6	288	2.81	7.6	0.5	3.2	3.1	22	<0.1	0.3	0.2	65	0.25	0.039
1011644	Soil	1.1	23.1	9.2	72	<0.1	27.1	15.3	450	3.75	7.7	0.6	4.4	3.9	26	0.1	0.3	0.2	73	0.32	0.062

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030654	Soil	13	24	0.41	265	0.073	<1	1.31	0.012	0.04	0.1	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1030662	Soil	13	14	0.55	268	0.102	1	1.48	0.009	0.29	<0.1	0.01	7.0	<0.1	<0.05	6	<0.5	<0.2
1012583	Soil	9	22	1.09	239	0.159	2	2.32	0.011	0.16	0.1	0.01	4.6	<0.1	<0.05	7	<0.5	<0.2
1012590	Soil	16	27	0.87	195	0.152	<1	1.75	0.013	0.28	0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1012589	Soil	9	27	1.18	188	0.202	1	2.28	0.014	0.33	0.1	<0.01	4.2	0.1	<0.05	7	<0.5	<0.2
1012591	Soil	19	33	1.39	189	0.079	1	2.48	0.012	0.10	0.1	0.03	5.8	<0.1	<0.05	7	<0.5	<0.2
1030664	Soil	23	4	0.18	86	0.002	<1	1.08	0.007	0.07	0.4	<0.01	6.4	<0.1	<0.05	3	<0.5	<0.2
1012597	Soil	2	37	1.05	128	0.223	1	2.14	0.032	0.20	<0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1012595	Soil	9	38	0.94	172	0.112	<1	1.85	0.016	0.12	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1030652	Soil	6	14	0.27	280	0.026	<1	1.24	0.008	0.05	0.6	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1011622	Soil	10	33	0.66	180	0.112	2	1.95	0.015	0.08	0.4	0.04	2.8	0.1	<0.05	6	<0.5	<0.2
1011616	Soil	10	49	0.95	247	0.180	2	2.19	0.015	0.22	0.4	0.03	2.9	0.2	<0.05	8	<0.5	<0.2
1011619	Soil	10	33	0.69	176	0.120	3	1.90	0.013	0.11	0.5	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1011615	Soil	8	35	0.94	180	0.159	2	1.97	0.017	0.37	0.5	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
1011611	Soil	12	35	0.74	319	0.081	1	2.01	0.018	0.07	0.2	0.04	3.2	0.1	<0.05	7	<0.5	<0.2
1011617	Soil	9	38	0.75	193	0.132	2	2.04	0.015	0.11	0.5	0.03	2.9	0.2	<0.05	7	<0.5	<0.2
1011621	Soil	10	34	0.78	162	0.151	1	1.85	0.025	0.14	0.5	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1011606	Soil	10	32	0.78	240	0.083	2	1.93	0.012	0.11	0.2	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1011610	Soil	14	31	0.69	311	0.083	3	1.84	0.014	0.06	0.2	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1011614	Soil	9	32	0.73	195	0.093	2	1.92	0.011	0.10	0.2	0.04	3.4	0.1	<0.05	7	<0.5	<0.2
1011613	Soil	10	36	0.71	211	0.099	1	1.78	0.020	0.08	0.3	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1011607	Soil	11	39	1.45	343	0.184	1	2.77	0.012	0.61	0.3	0.02	3.4	0.3	<0.05	8	<0.5	<0.2
1011643	Soil	12	38	0.59	213	0.087	1	2.12	0.013	0.06	0.1	0.04	4.3	0.1	<0.05	6	<0.5	<0.2
1011632	Soil	13	34	0.70	189	0.123	2	1.98	0.018	0.10	0.6	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1011603	Soil	10	38	0.74	207	0.125	2	2.36	0.012	0.11	0.2	0.03	4.4	0.1	<0.05	7	<0.5	<0.2
1011601	Soil	11	40	0.68	214	0.120	1	2.26	0.012	0.10	0.1	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1011633	Soil	10	31	0.63	112	0.099	<1	1.71	0.015	0.08	0.6	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1011604	Soil	11	40	0.74	240	0.116	12	2.69	0.012	0.10	0.2	0.04	4.0	0.1	<0.05	6	<0.5	<0.2
1011602	Soil	8	45	0.77	178	0.109	<1	2.11	0.016	0.07	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1011644	Soil	12	60	0.95	216	0.148	1	2.40	0.012	0.14	0.2	0.03	4.2	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011642	Soil	1.0	17.0	9.6	49	<0.1	21.1	10.2	268	3.02	8.6	0.6	1.2	3.0	18	0.1	0.4	0.2	78	0.19	0.043
1011605	Soil	2.9	26.8	9.2	97	0.2	16.7	16.3	591	4.10	3.2	0.8	1.6	2.1	42	0.3	0.2	0.2	59	0.63	0.076
1011641	Soil	0.8	17.0	9.5	51	<0.1	19.8	10.2	251	3.16	8.0	0.5	2.5	2.9	18	<0.1	0.4	0.2	74	0.20	0.035
1011640	Soil	1.4	45.2	8.5	56	0.1	25.7	12.7	345	3.04	8.1	0.7	2.9	3.4	36	<0.1	0.4	0.2	73	0.48	0.055
1011618	Soil	1.6	19.4	10.0	57	0.1	19.0	10.1	328	2.49	5.2	0.6	1.6	3.3	25	<0.1	0.2	0.3	67	0.30	0.033
1011620	Soil	1.0	28.9	6.2	81	<0.1	24.4	16.3	475	3.80	3.4	0.6	2.1	4.5	40	0.1	0.2	0.3	65	0.57	0.104
1031819	Soil	0.7	30.2	6.7	75	<0.1	23.6	12.6	632	3.17	6.4	0.5	2.8	3.5	136	0.1	0.5	<0.1	71	5.66	0.112
1031823	Soil	0.4	17.3	6.2	81	<0.1	11.2	9.2	715	3.73	6.0	0.8	0.9	6.1	30	<0.1	0.3	0.1	83	0.59	0.153
1031825	Soil	0.4	9.0	4.1	112	<0.1	11.4	11.7	874	4.04	5.1	0.4	<0.5	2.1	41	<0.1	0.2	<0.1	89	0.63	0.175
1012586	Soil	0.6	16.0	6.8	96	<0.1	16.8	10.3	870	3.48	7.7	0.7	3.9	5.8	31	<0.1	0.4	0.1	67	0.50	0.107
1011320	Soil	0.4	16.1	5.6	92	0.1	8.6	10.5	1074	3.66	4.3	0.5	2.3	2.3	51	0.1	0.4	<0.1	59	2.49	0.162
1011321	Soil	0.4	7.7	2.7	119	<0.1	8.3	13.4	960	4.20	3.7	0.3	0.8	2.0	50	<0.1	0.1	<0.1	86	0.93	0.284
1031824	Soil	0.5	6.2	2.2	127	<0.1	9.0	12.1	983	4.26	4.4	0.4	<0.5	1.2	37	<0.1	0.2	<0.1	90	0.91	0.297
1031826	Soil	0.3	8.1	1.9	125	<0.1	6.8	12.0	980	4.12	2.6	0.8	<0.5	1.2	49	<0.1	<0.1	<0.1	94	1.06	0.311
1031827	Soil	0.3	9.7	4.4	83	<0.1	4.3	8.2	867	3.48	4.0	0.8	2.0	2.6	41	<0.1	0.2	<0.1	90	3.49	0.204
1012588	Soil	0.7	10.1	4.1	133	<0.1	11.9	15.9	1266	5.18	6.4	0.5	0.6	1.7	46	<0.1	0.2	<0.1	109	0.79	0.232
1012587	Soil	0.5	10.1	3.1	136	<0.1	11.7	16.9	1326	5.43	4.6	0.8	1.5	1.3	47	<0.1	0.2	<0.1	126	0.91	0.254
1012584	Soil	0.6	33.6	5.6	48	<0.1	19.8	8.9	507	2.21	7.3	0.6	2.4	2.3	124	0.1	0.5	<0.1	50	5.32	0.092
1011332	Soil	0.5	12.2	11.4	98	<0.1	14.9	11.6	1117	4.64	9.2	0.5	6.1	7.0	38	<0.1	0.5	0.2	92	0.73	0.122
1011323	Soil	0.8	12.1	6.6	79	<0.1	13.4	10.5	456	3.52	6.1	0.4	1.7	3.0	32	<0.1	0.4	0.1	78	0.46	0.089
1011324	Soil	0.4	18.3	5.7	67	<0.1	19.8	10.2	577	3.13	8.7	0.7	2.2	3.6	34	<0.1	0.5	0.2	68	0.56	0.127
1011322	Soil	0.4	10.4	4.1	121	<0.1	10.6	12.2	820	4.02	4.3	0.4	1.6	2.3	54	<0.1	0.2	<0.1	68	0.95	0.229
1031822	Soil	0.5	15.3	4.4	96	<0.1	14.9	11.9	863	3.99	6.4	0.5	1.0	3.6	38	<0.1	0.3	<0.1	84	0.62	0.159
1031820	Soil	0.4	16.1	3.6	113	<0.1	12.0	10.8	940	4.21	5.2	0.6	2.1	1.8	39	<0.1	0.2	<0.1	81	0.79	0.229
1011316	Soil	0.4	25.6	7.5	67	<0.1	25.0	10.9	482	3.12	9.6	0.8	1.9	3.8	28	<0.1	0.6	0.2	64	0.43	0.104
1031821	Soil	0.4	14.5	3.0	124	<0.1	9.1	10.9	946	4.16	4.5	0.6	1.2	1.3	39	<0.1	0.2	<0.1	85	0.80	0.252
1011318	Soil	0.4	10.1	2.7	113	<0.1	12.4	12.2	844	4.05	4.0	0.7	<0.5	1.4	30	<0.1	0.2	<0.1	84	0.74	0.221
1011333	Soil	0.4	13.8	3.8	92	<0.1	9.2	12.4	827	3.96	5.4	0.4	1.1	2.1	50	<0.1	0.3	<0.1	74	1.15	0.163
1011317	Soil	0.3	12.0	1.7	121	<0.1	9.9	13.6	1111	4.90	3.1	0.4	1.0	1.1	38	<0.1	0.2	<0.1	114	0.90	0.283
1011319	Soil	0.7	23.9	8.3	59	0.1	21.5	10.8	519	2.86	9.6	0.5	4.9	3.0	47	<0.1	0.6	0.2	59	0.74	0.074

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Project: PED
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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011642	Soil	11	38	0.63	172	0.079	<1	2.23	0.008	0.05	0.1	0.03	4.5	0.1	<0.05	7	<0.5	<0.2
1011605	Soil	13	26	1.06	402	0.151	<1	2.44	0.012	0.58	0.1	0.03	2.8	0.3	<0.05	8	<0.5	<0.2
1011641	Soil	11	36	0.57	146	0.079	1	2.14	0.011	0.05	0.1	0.02	3.8	0.1	<0.05	8	<0.5	<0.2
1011640	Soil	13	42	0.68	306	0.087	1	2.17	0.018	0.05	0.2	0.05	6.4	<0.1	<0.05	6	<0.5	<0.2
1011618	Soil	11	33	0.68	192	0.133	1	1.76	0.015	0.14	0.3	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1011620	Soil	9	47	1.07	213	0.221	<1	2.48	0.024	0.58	0.9	0.01	3.6	0.3	<0.05	9	<0.5	<0.2
1031819	Soil	16	35	1.20	345	0.104	2	1.79	0.026	0.11	0.2	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1031823	Soil	26	14	0.94	249	0.161	1	2.04	0.013	0.53	0.1	0.02	6.3	0.2	<0.05	9	<0.5	<0.2
1031825	Soil	8	16	1.19	489	0.190	<1	2.08	0.019	0.75	<0.1	0.01	4.5	0.1	<0.05	8	<0.5	<0.2
1012586	Soil	25	18	0.81	303	0.087	<1	1.81	0.013	0.41	<0.1	0.02	4.6	0.1	<0.05	8	<0.5	<0.2
1011320	Soil	21	8	0.57	863	0.007	1	1.28	0.014	0.09	<0.1	0.03	5.6	<0.1	<0.05	6	0.6	<0.2
1011321	Soil	10	12	1.37	490	0.207	<1	2.11	0.024	0.80	<0.1	<0.01	3.2	0.1	<0.05	10	<0.5	<0.2
1031824	Soil	4	12	1.51	414	0.210	<1	2.03	0.022	0.92	<0.1	<0.01	4.3	0.1	<0.05	10	<0.5	<0.2
1031826	Soil	13	8	1.55	446	0.153	<1	2.12	0.027	0.71	<0.1	<0.01	4.7	0.2	<0.05	9	<0.5	<0.2
1031827	Soil	21	6	0.73	411	0.085	1	1.58	0.010	0.45	<0.1	0.05	6.2	<0.1	<0.05	8	<0.5	<0.2
1012588	Soil	10	14	1.67	595	0.128	1	2.45	0.022	0.57	<0.1	<0.01	8.2	<0.1	<0.05	11	<0.5	<0.2
1012587	Soil	12	10	1.90	324	0.114	<1	2.84	0.016	0.21	<0.1	<0.01	9.4	<0.1	<0.05	12	<0.5	<0.2
1012584	Soil	12	20	0.61	413	0.064	2	0.97	0.035	0.09	0.1	0.03	4.3	<0.1	<0.05	3	0.6	<0.2
1011332	Soil	40	18	1.00	334	0.015	2	2.00	0.003	0.13	<0.1	0.01	8.7	<0.1	0.07	10	<0.5	<0.2
1011323	Soil	9	23	0.88	413	0.142	1	1.92	0.011	0.43	<0.1	<0.01	4.1	<0.1	0.06	8	<0.5	<0.2
1011324	Soil	13	26	0.79	333	0.136	2	1.57	0.014	0.41	0.1	0.02	4.8	0.2	<0.05	6	<0.5	<0.2
1011322	Soil	16	12	1.15	439	0.118	<1	2.17	0.016	0.28	<0.1	<0.01	3.9	<0.1	<0.05	10	<0.5	<0.2
1031822	Soil	14	18	1.33	286	0.202	<1	2.40	0.012	0.75	0.2	0.02	4.0	0.2	<0.05	9	<0.5	<0.2
1031820	Soil	8	11	1.41	563	0.193	2	2.24	0.015	0.91	0.2	0.02	4.4	0.2	<0.05	9	<0.5	<0.2
1011316	Soil	17	29	0.78	256	0.085	<1	1.65	0.014	0.21	0.2	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1031821	Soil	6	9	1.41	573	0.219	1	2.07	0.018	0.88	0.1	<0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1011318	Soil	6	11	1.42	316	0.194	1	2.01	0.020	0.71	0.2	<0.01	4.3	0.2	<0.05	9	<0.5	<0.2
1011333	Soil	12	11	1.16	275	0.035	<1	2.06	0.018	0.11	<0.1	0.01	6.4	<0.1	<0.05	9	<0.5	<0.2
1011317	Soil	12	10	1.59	781	0.213	<1	2.53	0.020	0.87	<0.1	<0.01	6.8	0.2	<0.05	10	<0.5	<0.2
1011319	Soil	14	26	0.69	408	0.069	2	1.37	0.019	0.13	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011325	Soil	0.7	30.4	5.9	103	<0.1	20.5	12.4	793	3.30	7.6	0.3	4.5	3.0	40	<0.1	0.5	<0.1	67	1.08	0.126
1011327	Soil	0.6	10.8	7.5	61	<0.1	8.8	8.2	879	2.62	4.7	0.4	2.3	3.0	59	<0.1	0.4	<0.1	41	3.64	0.098
1011326	Soil	0.4	22.0	4.5	98	<0.1	20.5	11.9	681	3.47	7.4	0.3	4.0	2.5	32	<0.1	0.4	<0.1	76	0.59	0.155
1011328	Soil	0.7	29.2	7.7	76	0.1	17.2	11.0	632	3.44	8.2	0.6	3.6	3.6	60	<0.1	0.6	<0.1	76	2.70	0.132
1011329	Soil	2.2	134.8	13.6	97	0.2	30.6	21.3	711	4.58	17.9	1.0	5.7	5.6	26	<0.1	0.2	0.1	116	0.47	0.115
1011330	Soil	0.8	32.2	13.1	70	0.2	27.4	12.0	500	3.07	12.0	0.9	6.0	4.7	37	<0.1	0.8	0.2	63	0.50	0.060
1011331	Soil	0.7	21.2	8.9	69	<0.1	20.8	11.1	571	3.12	9.4	0.5	1.3	4.6	40	<0.1	0.6	0.2	62	0.57	0.059
1011334	Soil	0.6	7.0	5.0	85	<0.1	11.1	11.2	685	3.39	4.7	0.4	1.4	2.5	28	<0.1	0.2	<0.1	76	0.53	0.144
1011335	Soil	0.6	27.7	14.1	68	<0.1	26.7	10.3	576	2.90	10.1	0.7	2.1	4.8	29	<0.1	0.6	0.2	60	0.44	0.059
1030680	Soil	2.1	21.8	4.4	78	<0.1	16.5	12.3	708	3.87	7.2	0.4	<0.5	2.4	25	<0.1	0.3	<0.1	91	0.45	0.098
1030679	Soil	0.8	40.1	6.8	66	<0.1	28.8	12.2	520	3.28	9.8	0.6	5.4	4.0	31	<0.1	0.6	0.1	79	0.44	0.094
1030681	Soil	0.7	14.8	6.9	73	<0.1	18.7	11.3	577	3.65	7.7	0.5	<0.5	3.8	42	<0.1	0.4	0.1	75	0.57	0.080
1030670	Soil	0.8	9.7	7.0	68	<0.1	15.5	11.1	494	3.31	7.0	0.4	0.7	3.1	22	<0.1	0.4	0.1	74	0.32	0.054
1030688	Soil	0.7	23.3	7.3	78	<0.1	27.1	13.4	572	3.72	13.1	0.5	1.6	4.9	32	<0.1	0.5	0.1	85	0.51	0.101
1030684	Soil	0.8	9.9	5.1	92	<0.1	23.8	13.9	1113	4.41	3.9	0.3	<0.5	2.8	44	<0.1	0.2	<0.1	92	0.78	0.181
1031994	Soil	1.2	36.6	6.0	69	<0.1	14.2	10.3	415	3.46	6.4	0.6	1.0	3.2	28	<0.1	0.3	0.1	82	0.43	0.098
1032000	Soil	0.3	13.9	2.9	73	<0.1	10.9	9.4	588	3.12	4.2	0.5	1.1	4.1	25	<0.1	0.2	<0.1	66	0.58	0.178
1030675	Soil	0.7	29.1	8.2	67	<0.1	26.8	12.3	492	3.23	10.8	0.5	1.3	4.1	32	<0.1	0.6	0.1	72	0.48	0.063
1031989	Soil	0.7	59.1	4.7	76	<0.1	16.3	10.8	648	3.47	6.6	0.3	2.3	4.4	26	<0.1	0.4	<0.1	79	0.48	0.108
1031999	Soil	0.6	23.6	5.7	72	<0.1	17.0	10.7	619	3.35	6.9	0.5	1.3	3.8	30	<0.1	0.4	<0.1	70	0.56	0.101
1030674	Soil	1.0	16.5	7.5	72	<0.1	15.8	11.9	735	3.52	6.6	0.3	<0.5	3.4	27	<0.1	0.4	0.1	73	0.52	0.079
1031993	Soil	4.0	79.0	6.5	83	<0.1	16.3	11.1	560	3.95	6.7	0.7	2.7	3.9	42	0.1	0.5	0.1	90	0.75	0.126
1031991	Soil	1.5	151.7	3.6	98	<0.1	11.2	14.5	897	4.66	4.1	1.0	3.6	2.0	77	<0.1	0.2	<0.1	111	0.75	0.206
1031998	Soil	0.7	38.3	3.4	77	<0.1	15.4	10.1	649	3.98	5.9	0.5	1.0	5.0	23	<0.1	0.2	<0.1	85	0.52	0.160
1030686	Soil	0.9	13.6	17.5	59	<0.1	16.1	9.7	583	3.28	8.7	0.4	<0.5	6.8	32	<0.1	0.5	0.1	61	0.41	0.038
1030689	Soil	0.8	23.2	7.1	79	<0.1	26.1	13.4	591	3.69	12.2	0.5	0.6	4.6	35	<0.1	0.6	0.1	86	0.53	0.105
1030682	Soil	1.4	16.5	5.6	54	0.1	20.1	9.5	653	2.69	6.0	0.4	3.3	2.3	111	<0.1	0.4	<0.1	51	2.88	0.084
1030687	Soil	1.0	13.4	17.1	59	<0.1	16.6	9.3	565	3.15	8.6	0.4	<0.5	6.6	32	<0.1	0.5	0.1	62	0.39	0.041
1030671	Soil	0.5	8.5	7.1	111	<0.1	10.0	14.0	1085	4.99	4.8	0.4	<0.5	2.5	35	<0.1	0.2	0.2	106	0.74	0.207
1031996	Soil	0.7	86.3	5.6	64	0.1	18.3	11.6	756	3.21	5.1	1.3	2.1	3.6	38	<0.1	0.3	0.1	76	0.75	0.092

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011325	Soil	11	19	1.19	301	0.134	2	1.80	0.020	0.41	0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1011327	Soil	25	10	0.35	941	0.017	2	1.03	0.008	0.18	<0.1	0.02	4.5	<0.1	<0.05	4	<0.5	<0.2
1011326	Soil	12	17	1.18	259	0.214	1	1.94	0.018	0.85	0.1	0.02	3.3	0.2	<0.05	7	0.6	<0.2
1011328	Soil	20	19	0.68	838	0.046	2	1.43	0.017	0.14	0.2	0.05	6.1	<0.1	<0.05	5	<0.5	<0.2
1011329	Soil	22	37	1.24	307	0.162	<1	2.37	0.016	0.74	0.1	0.03	6.0	0.3	<0.05	9	<0.5	<0.2
1011330	Soil	17	31	0.70	416	0.065	1	1.82	0.017	0.08	0.1	0.04	4.9	<0.1	<0.05	5	0.6	<0.2
1011331	Soil	18	29	0.75	477	0.054	1	1.87	0.014	0.10	0.1	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1011334	Soil	7	19	0.97	418	0.180	1	2.06	0.016	0.71	0.1	<0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1011335	Soil	18	25	0.69	315	0.075	1	1.53	0.016	0.15	0.2	0.04	5.3	<0.1	<0.05	5	<0.5	<0.2
1030680	Soil	8	24	1.05	430	0.174	<1	2.07	0.012	0.78	0.5	<0.01	4.3	0.2	<0.05	8	<0.5	<0.2
1030679	Soil	15	33	0.87	295	0.149	<1	1.71	0.020	0.47	0.3	0.04	4.7	0.1	<0.05	6	<0.5	<0.2
1030681	Soil	14	27	0.91	342	0.083	2	2.16	0.012	0.20	0.2	0.02	5.3	<0.1	<0.05	8	0.5	<0.2
1030670	Soil	8	25	0.78	388	0.122	2	1.96	0.014	0.38	0.1	<0.01	4.2	0.1	<0.05	7	<0.5	<0.2
1030688	Soil	18	31	0.99	290	0.148	1	2.01	0.016	0.47	0.2	0.02	5.9	0.1	<0.05	7	<0.5	<0.2
1030684	Soil	18	29	1.23	463	0.108	2	2.10	0.015	0.45	<0.1	0.02	6.8	<0.1	<0.05	9	<0.5	<0.2
1031994	Soil	12	25	0.84	310	0.141	1	1.88	0.016	0.29	0.2	0.02	3.6	0.1	<0.05	8	<0.5	<0.2
1032000	Soil	14	13	0.98	241	0.153	1	1.60	0.016	0.65	0.1	<0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1030675	Soil	14	32	0.80	351	0.116	3	1.88	0.018	0.26	0.2	0.02	5.0	0.1	<0.05	6	<0.5	<0.2
1031989	Soil	17	16	1.01	277	0.126	1	1.74	0.015	0.53	0.2	0.02	4.6	0.2	<0.05	7	<0.5	<0.2
1031999	Soil	15	20	0.92	321	0.111	1	1.70	0.018	0.30	0.2	0.01	4.7	0.1	<0.05	7	<0.5	<0.2
1030674	Soil	11	24	0.71	525	0.070	1	1.87	0.012	0.34	0.2	0.01	5.4	<0.1	<0.05	7	0.9	<0.2
1031993	Soil	15	28	0.95	405	0.120	<1	1.94	0.019	0.47	0.1	0.03	5.5	0.2	<0.05	8	<0.5	<0.2
1031991	Soil	11	15	1.46	392	0.199	<1	2.33	0.016	0.75	0.3	0.01	5.7	0.2	<0.05	10	<0.5	<0.2
1031998	Soil	16	12	0.90	285	0.095	1	1.66	0.012	0.40	<0.1	<0.01	6.4	0.1	<0.05	8	<0.5	<0.2
1030686	Soil	21	27	0.58	620	0.028	<1	1.92	0.012	0.15	0.1	0.01	4.9	<0.1	<0.05	7	<0.5	<0.2
1030689	Soil	18	31	1.00	291	0.155	2	2.15	0.018	0.47	0.1	0.03	5.7	0.1	<0.05	7	<0.5	<0.2
1030682	Soil	19	17	0.55	1614	0.039	2	1.29	0.013	0.18	0.2	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
1030687	Soil	20	26	0.58	628	0.027	<1	1.97	0.012	0.15	0.1	0.01	4.5	<0.1	<0.05	7	<0.5	<0.2
1030671	Soil	11	11	1.51	562	0.154	1	2.51	0.014	0.80	<0.1	<0.01	6.7	0.2	<0.05	11	<0.5	<0.2
1031996	Soil	20	23	0.85	533	0.128	2	1.70	0.019	0.37	0.1	0.04	5.8	0.1	<0.05	6	<0.5	<0.2

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Client: **Ethos Capital Corp.**
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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030683-1009972	Soil		0.9	7.8	4.3	113	<0.1	20.9	14.9	1093	4.79	3.8	0.4	0.6	2.6	45	<0.1	0.2	<0.1	104	0.89	0.235
1030677	Soil		0.8	30.4	6.3	58	0.1	22.8	10.4	443	2.86	8.8	0.6	4.1	4.0	31	<0.1	0.5	0.1	68	0.50	0.087
1031992	Soil		0.7	30.1	4.6	99	<0.1	10.3	14.0	708	4.27	3.9	0.6	1.7	3.5	67	<0.1	0.2	<0.1	86	0.59	0.166
1030676	Soil		1.1	11.6	3.6	96	<0.1	11.2	11.9	805	3.81	4.8	0.4	<0.5	1.6	33	<0.1	0.2	<0.1	86	0.61	0.121
1031997	Soil		0.5	9.1	3.4	77	<0.1	7.5	9.7	519	3.42	3.3	0.3	<0.5	1.8	23	<0.1	0.1	<0.1	78	0.43	0.129
1031988	Soil		0.4	34.0	3.8	95	<0.1	14.4	12.4	759	3.76	4.3	0.7	1.3	3.8	26	<0.1	0.2	<0.1	88	0.60	0.173
1030685	Soil		0.6	26.5	7.9	55	<0.1	28.8	10.9	423	2.81	10.1	0.5	2.7	4.8	34	<0.1	0.6	0.1	62	0.41	0.054
1030678	Soil		1.2	22.8	5.2	76	<0.1	17.6	12.2	773	3.55	5.8	0.4	1.1	2.9	27	<0.1	0.3	<0.1	84	0.46	0.079
1031990	Soil		0.4	23.8	1.7	97	<0.1	7.5	8.3	702	3.56	2.4	0.6	1.6	5.3	20	<0.1	0.1	<0.1	60	0.56	0.148
1030673	Soil		0.9	10.4	8.0	70	<0.1	11.4	9.4	541	3.52	4.0	0.3	0.6	2.4	25	<0.1	0.3	0.1	83	0.40	0.057
1030672	Soil		0.6	22.7	6.2	72	<0.1	20.8	11.8	692	3.34	7.5	0.7	5.9	4.0	32	<0.1	0.5	0.1	77	0.60	0.086
1031995	Soil		0.7	151.2	5.1	69	<0.1	17.1	11.9	421	3.37	7.2	0.8	5.6	5.0	25	<0.1	0.3	0.1	75	0.34	0.076
1023940	Soil		0.8	11.1	7.3	86	<0.1	15.9	12.1	556	3.46	7.4	0.3	1.6	2.1	21	<0.1	0.4	0.1	84	0.34	0.122
1023939	Soil		0.7	11.0	6.3	90	<0.1	13.7	11.7	579	3.49	7.2	0.3	1.0	1.8	22	<0.1	0.3	0.1	84	0.39	0.136
1023938	Soil		0.7	51.8	4.8	125	<0.1	12.7	15.9	1078	4.82	4.7	0.5	<0.5	2.1	40	<0.1	0.2	<0.1	110	0.80	0.215
1023937	Soil		0.8	11.8	7.0	59	<0.1	14.8	9.3	441	2.87	7.1	0.4	0.6	3.0	75	<0.1	0.5	0.1	71	0.40	0.073
1023936	Soil		0.5	13.6	2.9	120	<0.1	9.7	16.3	832	4.93	3.5	0.3	0.7	1.5	37	<0.1	0.2	<0.1	122	0.65	0.214
1023935	Soil		0.5	22.7	4.0	126	<0.1	30.4	21.4	943	5.65	5.3	0.2	<0.5	1.6	39	0.1	0.2	<0.1	153	0.49	0.126
1023934	Soil		0.3	19.7	3.2	104	<0.1	11.1	14.7	796	4.99	4.3	0.6	1.2	2.3	52	<0.1	0.3	<0.1	117	0.74	0.167
1031900	Soil		0.7	22.4	7.4	68	<0.1	23.7	11.2	449	3.35	9.6	0.5	0.8	3.0	26	<0.1	0.4	0.1	78	0.38	0.092
1031899	Soil		26.2	167.6	4.1	52	<0.1	38.1	14.1	355	3.07	4.3	0.7	0.5	3.8	18	<0.1	0.2	0.1	101	0.38	0.105
1031898	Soil		0.5	10.5	5.0	86	<0.1	11.7	12.8	677	3.59	4.8	0.4	<0.5	1.5	35	0.1	0.2	<0.1	89	0.74	0.196
1031897	Soil		0.4	7.0	2.8	110	<0.1	11.5	16.5	1018	4.90	4.0	0.6	<0.5	1.5	35	<0.1	0.2	<0.1	123	0.81	0.254
1031896	Soil		0.4	104.5	2.5	58	<0.1	53.8	17.4	433	3.41	4.5	0.2	<0.5	0.9	20	<0.1	0.2	<0.1	99	0.38	0.082
1011151	Soil		0.7	25.2	3.9	82	<0.1	19.1	12.5	722	3.59	5.3	0.5	1.6	2.9	45	<0.1	0.3	<0.1	90	1.70	0.176
1023950	Soil		0.9	24.3	4.8	84	<0.1	17.0	12.5	759	3.68	5.2	0.5	1.5	2.8	49	<0.1	0.3	<0.1	91	1.99	0.184
1023949	Soil		0.9	25.0	7.8	99	<0.1	21.6	14.5	844	4.52	7.6	0.5	1.6	2.5	40	0.1	0.3	<0.1	100	0.68	0.158
1023948	Soil		0.8	50.4	5.6	87	0.2	22.0	13.2	709	3.85	7.1	0.5	4.3	3.3	35	<0.1	0.4	<0.1	94	0.58	0.137
1023947	Soil		1.2	40.8	3.8	85	<0.1	15.6	13.8	798	3.93	5.1	0.4	0.6	2.7	36	<0.1	0.2	<0.1	96	0.68	0.168
1023946	Soil		0.6	13.8	5.8	74	<0.1	18.3	12.4	558	3.68	5.6	0.4	1.0	2.8	30	<0.1	0.3	<0.1	91	0.57	0.131

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030683-1009972	Soil	16	24	1.35	444	0.082	2	2.29	0.013	0.40	<0.1	0.02	8.0	<0.1	<0.05	11	<0.5	<0.2
1030677	Soil	14	27	0.76	206	0.102	2	1.52	0.017	0.21	0.3	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
1031992	Soil	15	15	1.35	300	0.120	<1	2.07	0.009	0.57	0.1	<0.01	4.2	0.1	<0.05	9	<0.5	<0.2
1030676	Soil	7	14	1.20	357	0.149	1	2.12	0.012	0.42	0.2	<0.01	4.3	0.1	<0.05	8	<0.5	<0.2
1031997	Soil	6	13	1.15	187	0.181	<1	1.89	0.015	0.65	<0.1	<0.01	2.9	0.1	<0.05	8	<0.5	<0.2
1031988	Soil	19	13	1.29	222	0.150	2	1.93	0.016	0.68	0.1	0.02	4.9	0.2	<0.05	8	<0.5	<0.2
1030685	Soil	19	36	0.63	260	0.074	2	1.41	0.019	0.13	0.1	0.03	5.2	<0.1	<0.05	4	<0.5	<0.2
1030678	Soil	9	27	0.95	302	0.146	1	1.91	0.013	0.63	0.4	<0.01	4.6	0.1	<0.05	7	<0.5	<0.2
1031990	Soil	22	5	0.97	236	0.134	<1	1.65	0.016	0.58	0.2	0.01	3.6	0.1	<0.05	8	<0.5	<0.2
1030673	Soil	7	22	0.72	411	0.083	1	2.30	0.013	0.12	<0.1	0.01	4.1	0.1	<0.05	9	<0.5	<0.2
1030672	Soil	13	24	0.91	291	0.115	<1	1.72	0.020	0.40	0.2	0.02	5.0	0.1	<0.05	6	<0.5	<0.2
1031995	Soil	18	24	0.87	316	0.103	<1	1.74	0.011	0.25	0.1	<0.01	3.9	0.1	<0.05	7	<0.5	<0.2
1023940	Soil	6	26	0.80	276	0.124	<1	2.26	0.015	0.33	<0.1	<0.01	3.4	0.1	<0.05	8	<0.5	<0.2
1023939	Soil	5	23	0.88	284	0.126	<1	2.27	0.015	0.43	0.1	<0.01	3.3	0.1	<0.05	8	<0.5	<0.2
1023938	Soil	5	22	1.32	367	0.143	1	2.75	0.020	0.51	0.3	<0.01	3.7	<0.1	<0.05	11	<0.5	<0.2
1023937	Soil	10	24	0.60	219	0.061	1	1.65	0.009	0.12	0.1	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1023936	Soil	6	13	1.42	497	0.218	1	2.69	0.018	0.94	<0.1	<0.01	4.4	0.2	<0.05	10	<0.5	<0.2
1023935	Soil	3	46	1.66	478	0.423	<1	3.43	0.015	1.28	<0.1	<0.01	6.8	0.4	<0.05	13	<0.5	<0.2
1023934	Soil	13	19	1.52	405	0.105	<1	2.49	0.013	0.34	<0.1	<0.01	9.5	0.1	<0.05	12	<0.5	<0.2
1031900	Soil	7	31	0.85	216	0.118	<1	2.00	0.016	0.23	0.1	<0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1031899	Soil	7	46	1.28	209	0.202	<1	2.09	0.017	0.68	0.2	<0.01	2.8	0.3	<0.05	7	<0.5	<0.2
1031898	Soil	5	17	1.03	292	0.151	<1	2.18	0.028	0.51	0.3	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1031897	Soil	4	14	1.62	377	0.156	<1	2.71	0.024	1.03	0.1	<0.01	7.4	0.2	<0.05	11	<0.5	<0.2
1031896	Soil	2	65	1.61	251	0.253	<1	2.34	0.018	0.79	0.1	<0.01	2.0	0.5	<0.05	6	<0.5	<0.2
1011151	Soil	13	25	1.22	351	0.174	2	1.90	0.023	0.58	0.4	0.02	4.3	0.2	<0.05	7	<0.5	<0.2
1023950	Soil	13	23	1.20	377	0.170	2	1.89	0.022	0.58	0.4	0.02	4.6	0.2	<0.05	8	<0.5	<0.2
1023949	Soil	12	23	1.32	341	0.178	2	2.29	0.018	0.66	0.5	0.02	6.1	0.2	<0.05	9	<0.5	<0.2
1023948	Soil	12	26	1.19	261	0.187	<1	2.11	0.021	0.63	0.5	0.03	4.4	0.2	<0.05	8	<0.5	<0.2
1023947	Soil	10	26	1.22	342	0.193	1	2.19	0.018	0.77	2.3	0.01	5.0	0.2	<0.05	9	<0.5	<0.2
1023946	Soil	8	28	1.06	341	0.184	1	2.20	0.016	0.61	0.3	0.01	4.7	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023945	Soil	0.9	21.6	3.9	113	<0.1	12.4	15.1	959	5.00	4.2	0.7	<0.5	1.5	38	<0.1	0.2	<0.1	117	0.77	0.228
1023944	Soil	1.2	75.7	2.6	89	<0.1	12.1	15.4	971	4.77	4.8	0.8	0.6	1.4	33	<0.1	0.2	<0.1	125	0.80	0.229
1023943	Soil	0.8	49.2	4.5	80	<0.1	20.7	14.4	609	4.26	8.1	0.4	1.2	3.0	29	<0.1	0.4	<0.1	109	0.54	0.138
1023942	Soil	0.3	147.1	2.2	72	<0.1	8.0	9.1	587	3.59	3.2	0.6	<0.5	6.6	24	<0.1	0.1	0.1	96	0.43	0.143
1023941	Soil	0.3	5.5	2.8	93	<0.1	9.0	12.9	682	4.01	4.4	0.3	2.2	1.2	24	<0.1	0.1	0.2	99	0.49	0.163
1031895	Soil	0.7	11.4	4.8	80	<0.1	18.2	13.7	626	3.42	5.1	0.3	8.4	1.9	30	<0.1	0.3	0.2	86	0.49	0.139
1031894	Soil	0.5	12.9	5.2	85	<0.1	20.5	14.9	665	3.63	5.9	0.3	<0.5	1.8	33	<0.1	0.3	0.1	89	0.47	0.154
1031893	Soil	0.8	18.5	4.3	84	<0.1	14.3	12.4	683	3.81	5.5	0.5	0.8	2.1	27	<0.1	0.3	<0.1	95	0.53	0.143
1031892	Soil	2.5	114.7	4.0	64	<0.1	235.2	29.9	661	3.73	6.0	1.0	2.8	2.7	43	<0.1	0.2	0.1	102	0.69	0.116
1031891	Soil	4.2	104.3	7.1	80	<0.1	193.4	26.4	619	4.65	7.4	0.9	2.9	3.7	33	0.1	0.2	0.1	91	0.58	0.135
1031889	Soil	0.6	27.1	4.8	84	<0.1	12.3	14.5	667	3.92	5.4	0.3	<0.5	1.9	28	<0.1	0.2	<0.1	98	0.58	0.187
1031890	Soil	0.7	32.2	7.5	49	<0.1	25.1	8.6	284	2.51	8.4	0.8	2.5	3.7	27	<0.1	0.4	0.1	66	0.31	0.053
1031888	Soil	0.9	49.8	9.0	55	<0.1	21.1	9.5	267	2.86	9.8	0.8	6.9	4.5	24	<0.1	0.4	0.2	69	0.28	0.051
1031887	Soil	0.8	82.8	6.8	53	<0.1	18.3	9.3	310	3.07	10.3	0.5	1.7	2.9	25	<0.1	0.3	0.1	79	0.29	0.078
1031886	Soil	0.9	114.3	4.1	73	<0.1	12.8	13.6	538	3.67	6.0	0.4	0.7	2.1	22	<0.1	0.2	<0.1	91	0.42	0.118
1031885	Soil	1.2	71.5	8.0	56	<0.1	25.9	11.9	299	3.04	9.5	0.7	2.9	4.5	21	<0.1	0.4	0.1	75	0.23	0.045
1031884	Soil	11.1	198.6	3.3	54	<0.1	42.0	11.7	359	3.41	8.5	1.1	0.8	3.5	49	<0.1	0.2	0.1	130	0.26	0.059
1012568	Soil	0.7	36.1	7.3	49	<0.1	29.5	10.0	449	2.24	9.3	0.5	2.1	5.0	41	0.2	0.7	0.1	50	0.76	0.064
1012567	Soil	0.9	32.5	9.0	51	<0.1	27.3	11.4	393	2.68	11.6	1.1	3.0	5.3	33	<0.1	0.7	0.2	62	0.40	0.045
1012564	Soil	0.7	53.8	5.5	63	<0.1	30.5	18.4	480	3.92	8.5	1.0	1.4	6.9	26	<0.1	0.4	<0.1	98	0.60	0.082
1012558	Soil	0.7	29.7	6.8	47	0.1	23.0	9.6	394	2.20	11.1	0.7	2.3	3.3	40	<0.1	0.6	0.1	51	0.48	0.073
1012562	Soil	0.9	60.1	7.0	68	0.2	23.0	14.8	521	3.31	9.2	0.6	2.2	3.5	34	0.1	0.5	0.1	83	0.59	0.040
1012560	Soil	0.5	19.7	3.7	74	<0.1	16.7	16.1	797	4.37	6.0	0.7	<0.5	3.7	25	<0.1	0.3	<0.1	98	0.50	0.073
1012561	Soil	1.0	31.7	7.9	51	<0.1	25.7	8.6	287	2.34	11.2	0.6	2.2	4.7	29	<0.1	0.7	0.2	49	0.37	0.064
1012559	Soil	0.8	39.9	10.2	57	<0.1	28.0	11.9	378	2.98	10.4	0.7	0.6	4.9	30	<0.1	0.5	0.1	69	0.42	0.052
1012563	Soil	0.5	89.3	4.9	107	0.1	24.3	22.5	739	4.04	5.3	0.4	0.9	1.5	35	<0.1	0.2	<0.1	123	0.62	0.079
1012566	Soil	0.8	22.5	8.7	53	<0.1	23.4	9.4	314	2.46	11.2	0.9	2.7	5.1	29	<0.1	0.6	0.2	58	0.35	0.034
1012565	Soil	0.6	141.4	3.8	103	<0.1	17.4	21.5	663	4.76	6.8	0.4	<0.5	3.5	25	<0.1	0.3	<0.1	134	0.40	0.057
1012578	Soil	0.8	16.0	6.8	44	<0.1	19.0	7.9	206	2.29	9.4	0.5	0.6	4.0	21	<0.1	0.5	0.1	53	0.21	0.026
1012577	Soil	0.5	17.6	5.1	34	<0.1	21.3	7.5	345	1.69	8.2	0.7	<0.5	3.6	29	0.1	0.5	<0.1	39	0.30	0.072

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Project: PED
Report Date: July 15, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023945	Soil	6	20	1.36	428	0.189	<1	2.46	0.016	0.89	0.1	<0.01	7.5	0.2	<0.05	12	<0.5	<0.2
1023944	Soil	10	17	1.34	412	0.124	<1	2.38	0.022	0.91	0.2	<0.01	8.7	0.1	<0.05	10	<0.5	<0.2
1023943	Soil	10	30	1.07	393	0.169	1	2.28	0.019	0.80	0.1	<0.01	7.0	0.1	<0.05	8	<0.5	<0.2
1023942	Soil	28	9	0.94	302	0.256	<1	2.02	0.010	1.09	0.1	<0.01	2.7	0.3	<0.05	8	<0.5	<0.2
1023941	Soil	3	14	1.17	362	0.186	2	2.14	0.015	0.96	<0.1	<0.01	3.5	0.2	<0.05	9	<0.5	<0.2
1031895	Soil	4	21	1.15	367	0.189	3	2.11	0.014	0.59	0.1	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1031894	Soil	4	23	1.26	384	0.222	1	2.33	0.014	0.64	0.2	<0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1031893	Soil	7	21	1.09	381	0.209	<1	2.09	0.016	0.61	0.3	<0.01	3.9	0.2	<0.05	7	<0.5	<0.2
1031892	Soil	11	338	2.23	487	0.174	1	2.53	0.011	0.17	0.1	0.01	7.5	0.3	<0.05	7	0.6	<0.2
1031891	Soil	16	261	1.55	432	0.063	2	1.93	0.011	0.24	<0.1	0.02	11.0	0.2	<0.05	6	0.6	<0.2
1031889	Soil	4	19	1.24	222	0.209	<1	2.31	0.020	0.67	0.3	0.01	3.5	0.2	<0.05	8	0.5	<0.2
1031890	Soil	13	43	0.67	405	0.101	1	1.70	0.017	0.10	0.1	0.02	3.8	<0.1	<0.05	5	0.7	<0.2
1031888	Soil	14	35	0.63	276	0.095	2	1.90	0.013	0.10	0.1	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1031887	Soil	10	27	0.71	192	0.113	1	1.96	0.014	0.13	0.2	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1031886	Soil	6	19	1.05	264	0.215	<1	2.26	0.018	0.54	0.2	<0.01	3.2	0.2	<0.05	8	0.8	<0.2
1031885	Soil	12	39	0.75	259	0.122	1	2.06	0.016	0.12	0.2	0.02	3.6	0.1	<0.05	6	0.6	<0.2
1031884	Soil	19	93	1.33	447	0.230	<1	1.99	0.011	0.72	0.1	<0.01	9.5	0.3	<0.05	7	1.0	<0.2
1012568	Soil	13	28	0.52	246	0.089	<1	1.27	0.022	0.08	0.3	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
1012567	Soil	17	35	0.56	313	0.078	<1	1.49	0.016	0.06	0.2	0.04	5.8	<0.1	<0.05	4	0.8	<0.2
1012564	Soil	18	51	1.31	333	0.269	<1	2.53	0.020	0.57	0.2	0.02	7.6	0.2	<0.05	9	<0.5	<0.2
1012558	Soil	12	24	0.54	256	0.074	1	1.01	0.021	0.09	0.1	0.05	3.7	<0.1	<0.05	3	<0.5	<0.2
1012562	Soil	10	26	0.85	216	0.113	1	2.19	0.024	0.18	0.1	0.02	7.5	<0.1	<0.05	6	<0.5	<0.2
1012560	Soil	8	16	1.26	293	0.306	<1	2.40	0.018	0.88	0.2	<0.01	4.4	0.2	<0.05	9	<0.5	<0.2
1012561	Soil	14	30	0.49	197	0.070	1	1.11	0.024	0.11	0.2	0.04	4.8	<0.1	<0.05	4	0.8	<0.2
1012559	Soil	13	35	0.74	196	0.111	<1	1.75	0.016	0.10	0.2	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1012563	Soil	3	27	1.59	354	0.320	1	2.84	0.025	0.76	0.2	0.01	4.2	0.2	<0.05	8	<0.5	<0.2
1012566	Soil	16	35	0.51	309	0.083	<1	1.39	0.015	0.08	0.2	0.03	4.7	<0.1	<0.05	4	<0.5	<0.2
1012565	Soil	5	27	1.67	582	0.356	<1	2.83	0.014	1.17	0.1	<0.01	5.6	0.2	<0.05	10	<0.5	<0.2
1012578	Soil	8	29	0.44	176	0.071	<1	1.31	0.009	0.07	0.1	0.01	2.6	<0.1	<0.05	4	0.5	<0.2
1012577	Soil	13	21	0.34	166	0.051	1	0.79	0.011	0.07	<0.1	0.02	3.8	<0.1	<0.05	2	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012581	Soil		0.6	34.0	7.0	45	<0.1	28.3	12.5	311	2.45	9.9	0.6	10.7	4.1	31	<0.1	0.5	0.1	62	0.39	0.044
1012582	Soil		0.7	25.4	5.1	80	<0.1	26.5	13.8	538	2.54	4.8	0.3	<0.5	2.4	27	0.1	0.3	<0.1	64	0.37	0.061
1012574	Soil		0.7	37.2	6.9	42	<0.1	29.1	9.3	280	2.20	11.0	0.8	4.3	4.5	29	<0.1	0.7	0.1	52	0.32	0.047
1012575	Soil		0.6	52.9	4.6	58	<0.1	53.4	17.5	491	3.28	7.3	0.6	1.3	3.5	40	<0.1	0.5	<0.1	76	0.82	0.128
1012572	Soil		0.6	39.8	3.7	65	<0.1	22.1	15.3	470	3.13	6.6	0.3	<0.5	1.9	32	<0.1	0.2	<0.1	74	0.47	0.056
1012580	Soil		0.5	34.3	4.7	42	<0.1	78.5	15.7	330	2.39	8.3	0.9	0.8	4.7	27	<0.1	0.4	<0.1	54	0.47	0.072
1012573	Soil		0.5	32.7	5.3	47	<0.1	29.9	13.4	445	2.55	8.8	0.7	1.0	4.6	41	<0.1	0.5	<0.1	67	0.43	0.083
1012579	Soil		0.5	81.4	4.7	37	<0.1	28.4	15.0	206	2.53	8.4	0.6	1.5	4.3	20	<0.1	0.4	<0.1	66	0.55	0.076
1012571	Soil		0.5	44.2	4.9	64	<0.1	29.0	17.3	586	3.83	10.2	0.6	<0.5	3.4	49	<0.1	0.6	<0.1	101	0.88	0.053
1012570	Soil		0.6	27.4	5.7	44	<0.1	26.9	9.1	331	1.98	9.7	0.4	2.0	3.3	39	<0.1	0.6	<0.1	47	0.69	0.051
1012569	Soil		0.7	20.5	8.6	49	0.1	25.2	10.3	466	2.37	12.2	0.5	3.6	4.9	35	<0.1	0.7	0.2	55	0.51	0.045
1012553	Soil		0.8	93.3	6.5	164	0.9	25.9	19.5	819	4.52	9.9	0.6	5.2	2.4	43	0.1	0.5	<0.1	125	1.84	0.069
1012556	Soil		0.8	19.6	7.7	61	<0.1	22.3	10.1	295	2.66	9.8	0.7	0.8	4.9	18	<0.1	0.6	0.2	59	0.23	0.034
1012554	Soil		1.3	44.0	7.1	93	0.2	25.0	15.1	492	3.63	8.6	0.7	2.9	3.1	27	0.2	0.6	0.1	86	0.47	0.088
1012576	Soil		0.5	14.4	5.0	34	<0.1	18.4	6.7	299	1.69	6.9	0.6	0.9	3.2	26	<0.1	0.5	<0.1	40	0.27	0.068
1029759	Soil		0.7	28.5	5.6	61	<0.1	18.2	10.4	421	2.53	6.7	0.4	1.0	2.5	24	0.2	0.5	<0.1	58	0.45	0.052
1029758	Soil		0.7	71.4	5.2	89	0.2	24.9	15.0	611	2.81	8.1	0.5	1.6	2.0	32	0.3	0.5	<0.1	74	0.89	0.090
1012552	Soil		0.9	50.9	6.4	100	0.1	22.7	15.5	778	3.47	7.2	0.7	1.6	3.1	27	0.2	0.5	0.1	92	0.47	0.072
1012555	Soil		0.7	39.9	5.7	56	0.1	23.6	9.1	338	2.27	9.1	0.6	3.4	3.3	27	0.1	0.7	<0.1	51	0.47	0.072
1012557	Soil		0.6	36.4	4.7	68	<0.1	24.0	16.4	566	3.78	7.1	0.5	1.3	2.8	19	<0.1	0.4	<0.1	92	0.43	0.077

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000378.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012581	Soil	10	44	0.71	266	0.111	<1	1.71	0.016	0.19	0.2	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1012582	Soil	7	45	0.76	265	0.143	<1	1.85	0.012	0.10	0.2	0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1012574	Soil	16	28	0.49	215	0.077	2	1.06	0.016	0.09	0.1	0.04	4.6	<0.1	<0.05	3	0.7	<0.2
1012575	Soil	10	74	1.28	223	0.181	<1	2.32	0.025	0.08	0.1	<0.01	4.5	<0.1	<0.05	7	0.6	<0.2
1012572	Soil	5	25	0.80	336	0.094	<1	1.86	0.021	0.19	0.3	0.01	4.3	<0.1	<0.05	6	<0.5	<0.2
1012580	Soil	13	91	1.14	162	0.141	<1	1.82	0.014	0.10	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1012573	Soil	11	25	0.81	277	0.149	<1	1.65	0.021	0.32	0.1	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
1012579	Soil	8	25	0.70	161	0.114	<1	1.72	0.030	0.07	0.1	0.02	5.4	<0.1	<0.05	5	<0.5	<0.2
1012571	Soil	11	27	1.20	249	0.177	1	2.71	0.027	0.09	0.1	0.02	8.6	<0.1	<0.05	9	<0.5	<0.2
1012570	Soil	11	25	0.53	212	0.069	1	0.98	0.025	0.06	0.1	0.02	3.4	<0.1	<0.05	3	<0.5	<0.2
1012569	Soil	16	34	0.50	360	0.069	1	1.35	0.020	0.06	0.2	0.03	4.3	<0.1	<0.05	4	0.7	<0.2
1012553	Soil	12	38	1.97	684	0.208	2	2.63	0.016	1.22	0.2	0.06	9.6	0.7	<0.05	10	0.7	<0.2
1012556	Soil	12	31	0.64	222	0.085	1	1.46	0.018	0.27	0.2	0.01	4.1	0.1	<0.05	5	0.6	<0.2
1012554	Soil	10	34	1.17	302	0.118	2	1.82	0.019	0.54	0.2	0.02	6.9	0.2	0.10	7	1.1	<0.2
1012576	Soil	10	21	0.34	131	0.044	2	0.82	0.011	0.06	<0.1	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2
1029759	Soil	9	28	0.62	257	0.083	3	1.38	0.013	0.26	0.2	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1029758	Soil	9	32	1.04	372	0.105	4	1.69	0.016	0.46	0.2	0.03	4.2	0.2	<0.05	5	<0.5	<0.2
1012552	Soil	12	36	1.07	452	0.162	4	1.85	0.016	0.77	0.1	0.02	5.8	0.2	<0.05	7	<0.5	<0.2
1012555	Soil	10	25	0.64	218	0.075	2	1.06	0.018	0.20	0.2	0.03	3.2	0.1	0.05	4	<0.5	<0.2
1012557	Soil	8	34	1.40	194	0.240	<1	2.36	0.015	0.97	0.2	0.01	4.5	0.3	<0.05	8	0.6	<0.2

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Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000378.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1031807	Soil	0.6	76.9	5.4	55	<0.1	29.5	15.7	378	2.85	6.1	0.7	0.8	4.5	21	<0.1	0.3	0.1	72	0.41	0.068
REP 1031807	QC	0.6	79.5	5.4	56	<0.1	28.5	15.5	389	2.82	5.6	0.6	4.7	4.6	20	<0.1	0.4	0.1	70	0.40	0.067
1031829	Soil	1.4	28.4	7.4	72	<0.1	27.8	10.8	475	2.55	11.7	1.3	6.6	3.9	151	0.4	1.1	0.1	53	4.83	0.078
REP 1031829	QC	1.2	27.5	7.3	72	0.1	29.7	10.5	478	2.50	11.5	1.4	3.4	4.0	153	0.4	1.1	0.1	54	4.91	0.075
1030513	Soil	1.6	50.4	5.0	90	<0.1	15.5	16.1	567	4.90	22.9	0.5	<0.5	2.3	10	<0.1	3.1	<0.1	138	0.14	0.042
REP 1030513	QC	1.5	49.2	4.8	88	<0.1	15.0	15.6	561	4.96	23.0	0.5	3.2	2.3	10	<0.1	3.2	<0.1	136	0.14	0.042
1012592	Soil	0.7	35.7	6.4	52	<0.1	24.0	13.5	348	3.12	8.4	0.6	2.7	4.8	27	<0.1	0.4	<0.1	72	0.39	0.032
REP 1012592	QC	0.6	35.1	6.2	49	<0.1	25.3	13.2	350	3.09	7.8	0.6	2.8	4.7	28	<0.1	0.5	<0.1	72	0.40	0.031
1012600	Soil	0.6	49.1	4.2	56	<0.1	17.8	16.1	591	3.22	4.9	0.4	2.1	1.9	16	0.1	0.3	<0.1	92	0.42	0.039
REP 1012600	QC	0.8	52.3	4.0	61	<0.1	18.3	16.7	602	3.31	5.1	0.5	1.1	1.9	17	<0.1	0.3	<0.1	95	0.46	0.037
1012591	Soil	0.6	63.3	5.6	61	<0.1	36.6	18.5	512	3.73	6.6	0.6	2.3	5.3	28	<0.1	0.5	<0.1	75	0.50	0.040
REP 1012591	QC	0.6	61.1	5.6	59	<0.1	35.0	17.9	496	3.63	6.5	0.6	10.2	5.3	28	<0.1	0.5	<0.1	74	0.48	0.037
1011607	Soil	1.3	24.8	7.9	88	<0.1	21.2	18.9	615	4.29	3.4	0.6	1.9	4.1	30	<0.1	0.2	0.2	72	0.52	0.113
REP 1011607	QC	1.2	25.8	7.9	96	<0.1	22.5	20.4	607	4.35	3.5	0.6	1.8	3.9	30	<0.1	0.2	0.2	74	0.51	0.111
1011320	Soil	0.4	16.1	5.6	92	0.1	8.6	10.5	1074	3.66	4.3	0.5	2.3	2.3	51	0.1	0.4	<0.1	59	2.49	0.162
REP 1011320	QC	0.4	14.8	5.5	87	<0.1	8.5	10.3	1058	3.50	4.1	0.4	3.9	2.2	50	0.1	0.4	<0.1	56	2.40	0.142
1011318	Soil	0.4	10.1	2.7	113	<0.1	12.4	12.2	844	4.05	4.0	0.7	<0.5	1.4	30	<0.1	0.2	<0.1	84	0.74	0.221
REP 1011318	QC	0.4	10.2	2.7	108	<0.1	12.0	11.7	776	3.87	4.1	0.7	<0.5	1.5	32	<0.1	0.2	<0.1	81	0.80	0.255
1030670	Soil	0.8	9.7	7.0	68	<0.1	15.5	11.1	494	3.31	7.0	0.4	0.7	3.1	22	<0.1	0.4	0.1	74	0.32	0.054
REP 1030670	QC	0.8	9.7	6.9	68	<0.1	15.2	11.2	512	3.36	6.8	0.4	1.7	3.3	22	<0.1	0.4	0.1	74	0.32	0.053
1031995	Soil	0.7	151.2	5.1	69	<0.1	17.1	11.9	421	3.37	7.2	0.8	5.6	5.0	25	<0.1	0.3	0.1	75	0.34	0.076
REP 1031995	QC	0.7	150.9	5.6	69	<0.1	18.6	11.8	439	3.38	7.0	0.8	4.5	5.0	26	<0.1	0.3	<0.1	75	0.35	0.075
1023936	Soil	0.5	13.6	2.9	120	<0.1	9.7	16.3	832	4.93	3.5	0.3	0.7	1.5	37	<0.1	0.2	<0.1	122	0.65	0.214
REP 1023936	QC	0.5	13.9	3.3	117	<0.1	9.9	15.9	877	5.03	3.9	0.3	<0.5	1.6	38	<0.1	0.1	<0.1	122	0.68	0.210
1031887	Soil	0.8	82.8	6.8	53	<0.1	18.3	9.3	310	3.07	10.3	0.5	1.7	2.9	25	<0.1	0.3	0.1	79	0.29	0.078
REP 1031887	QC	0.7	84.1	6.8	54	<0.1	18.8	9.2	310	3.08	10.1	0.5	3.4	2.9	24	<0.1	0.4	0.1	79	0.30	0.079
1012559	Soil	0.8	39.9	10.2	57	<0.1	28.0	11.9	378	2.98	10.4	0.7	0.6	4.9	30	<0.1	0.5	0.1	69	0.42	0.052
REP 1012559	QC	0.8	38.8	10.4	55	<0.1	27.0	11.8	379	2.99	10.4	0.8	2.5	5.2	32	<0.1	0.6	0.2	69	0.42	0.052

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Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000378.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1031807	Soil	11	51	1.09	237	0.122	3	1.74	0.011	0.31	0.2	0.01	4.7	0.2	<0.05	5	<0.5	<0.2
REP 1031807	QC	11	54	1.09	239	0.120	1	1.74	0.012	0.32	0.1	<0.01	4.7	0.2	<0.05	5	<0.5	<0.2
1031829	Soil	13	26	1.03	563	0.088	3	1.27	0.036	0.15	0.2	0.03	3.2	0.1	<0.05	4	<0.5	<0.2
REP 1031829	QC	13	27	1.04	583	0.089	3	1.30	0.036	0.15	0.3	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1030513	Soil	5	23	1.33	512	0.244	<1	2.86	0.013	1.50	0.1	<0.01	12.7	0.3	0.11	10	<0.5	<0.2
REP 1030513	QC	5	23	1.30	503	0.240	<1	2.61	0.013	1.53	0.1	0.01	12.3	0.3	0.09	10	0.6	<0.2
1012592	Soil	11	36	0.82	256	0.128	<1	1.94	0.016	0.26	0.1	<0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
REP 1012592	QC	12	35	0.85	265	0.133	1	1.89	0.017	0.28	0.1	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1012600	Soil	7	33	0.67	244	0.082	2	1.81	0.018	0.07	<0.1	0.02	5.9	<0.1	<0.05	6	<0.5	<0.2
REP 1012600	QC	7	34	0.68	248	0.090	1	1.84	0.018	0.07	<0.1	0.02	6.3	<0.1	<0.05	6	<0.5	<0.2
1012591	Soil	19	33	1.39	189	0.079	1	2.48	0.012	0.10	0.1	0.03	5.8	<0.1	<0.05	7	<0.5	<0.2
REP 1012591	QC	18	33	1.33	185	0.073	<1	2.40	0.012	0.10	0.1	0.04	6.2	<0.1	<0.05	7	<0.5	<0.2
1011607	Soil	11	39	1.45	343	0.184	1	2.77	0.012	0.61	0.3	0.02	3.4	0.3	<0.05	8	<0.5	<0.2
REP 1011607	QC	10	43	1.38	326	0.194	<1	2.66	0.010	0.64	0.3	0.02	3.7	0.3	<0.05	8	<0.5	<0.2
1011320	Soil	21	8	0.57	863	0.007	1	1.28	0.014	0.09	<0.1	0.03	5.6	<0.1	<0.05	6	0.6	<0.2
REP 1011320	QC	21	8	0.55	828	0.006	<1	1.12	0.011	0.09	<0.1	0.04	5.5	<0.1	<0.05	5	<0.5	<0.2
1011318	Soil	6	11	1.42	316	0.194	1	2.01	0.020	0.71	0.2	<0.01	4.3	0.2	<0.05	9	<0.5	<0.2
REP 1011318	QC	7	11	1.42	319	0.186	1	2.03	0.021	0.67	0.2	<0.01	4.4	0.1	<0.05	8	<0.5	<0.2
1030670	Soil	8	25	0.78	388	0.122	2	1.96	0.014	0.38	0.1	<0.01	4.2	0.1	<0.05	7	<0.5	<0.2
REP 1030670	QC	8	25	0.77	378	0.122	1	1.90	0.014	0.39	0.1	<0.01	4.2	0.1	<0.05	6	<0.5	<0.2
1031995	Soil	18	24	0.87	316	0.103	<1	1.74	0.011	0.25	0.1	<0.01	3.9	0.1	<0.05	7	<0.5	<0.2
REP 1031995	QC	18	24	0.86	317	0.103	<1	1.73	0.013	0.25	0.1	<0.01	3.9	0.1	<0.05	7	<0.5	<0.2
1023936	Soil	6	13	1.42	497	0.218	1	2.69	0.018	0.94	<0.1	<0.01	4.4	0.2	<0.05	10	<0.5	<0.2
REP 1023936	QC	6	14	1.44	504	0.239	<1	2.78	0.020	0.97	<0.1	<0.01	4.6	0.2	<0.05	10	<0.5	<0.2
1031887	Soil	10	27	0.71	192	0.113	1	1.96	0.014	0.13	0.2	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
REP 1031887	QC	10	26	0.69	190	0.114	1	1.99	0.013	0.13	0.3	0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1012559	Soil	13	35	0.74	196	0.111	<1	1.75	0.016	0.10	0.2	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
REP 1012559	QC	13	34	0.74	195	0.113	<1	1.80	0.017	0.10	0.2	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000378.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1012576	Soil	0.5	14.4	5.0	34	<0.1	18.4	6.7	299	1.69	6.9	0.6	0.9	3.2	26	<0.1	0.5	<0.1	40	0.27	0.068
REP 1012576	QC	0.6	15.2	5.3	37	<0.1	18.8	7.2	325	1.78	6.8	0.6	<0.5	3.3	26	<0.1	0.5	<0.1	40	0.29	0.068
Reference Materials																					
STD DS8	Standard	13.3	110.3	123.7	320	2.0	36.1	7.1	621	2.43	27.3	2.8	112.2	6.6	69	2.0	5.9	6.9	42	0.67	0.079
STD DS8	Standard	14.6	115.2	132.9	329	2.0	39.9	7.5	651	2.57	27.8	2.9	117.7	7.4	73	2.3	6.0	7.1	45	0.71	0.080
STD DS8	Standard	14.3	115.9	117.7	323	1.7	40.2	7.9	643	2.54	26.4	2.9	119.7	7.8	79	2.4	5.9	7.3	46	0.72	0.082
STD DS8	Standard	15.0	117.9	119.3	323	1.8	40.8	8.0	645	2.52	27.4	3.0	113.8	7.7	82	2.6	6.3	7.4	44	0.71	0.081
STD DS8	Standard	13.2	107.8	126.8	314	1.7	39.7	7.8	661	2.56	26.3	2.8	109.2	6.8	68	2.2	5.4	6.2	41	0.68	0.076
STD DS8	Standard	14.1	113.0	132.6	326	1.7	39.9	7.6	650	2.50	27.5	3.0	115.3	7.6	77	2.3	5.7	6.8	42	0.74	0.081
STD DS8	Standard	13.8	115.2	126.3	305	1.7	41.3	7.8	581	2.35	24.9	2.8	107.2	6.9	66	2.2	5.6	6.4	40	0.65	0.075
STD DS8	Standard	14.5	116.9	126.5	314	1.8	39.4	7.8	606	2.42	27.2	2.8	127.0	7.2	71	2.3	5.8	6.5	44	0.68	0.078
STD DS8	Standard	12.7	109.3	123.5	297	1.8	37.7	7.4	579	2.29	23.8	2.5	104.7	6.0	59	2.0	5.0	6.2	41	0.62	0.074
STD DS8	Standard	13.8	112.0	120.4	306	1.8	39.1	8.0	590	2.34	24.5	2.5	111.7	6.1	61	2.1	4.7	5.9	43	0.67	0.077
STD DS8	Standard	13.7	109.6	123.6	336	1.8	39.7	7.9	623	2.51	28.4	2.6	184.1	6.4	64	2.5	5.8	6.6	42	0.73	0.088
STD DS8	Standard	13.8	113.8	125.6	362	1.9	38.6	8.0	628	2.53	28.7	2.6	113.2	6.6	67	2.6	5.9	6.5	43	0.71	0.086
STD DS8	Standard	12.8	100.6	130.0	309	1.7	35.3	6.9	631	2.40	24.5	2.8	109.4	6.9	69	2.3	5.9	6.4	39	0.64	0.073
STD DS8	Standard	13.3	97.5	125.8	306	1.8	35.7	7.1	591	2.38	26.0	2.8	96.9	7.1	69	2.2	5.8	6.5	39	0.65	0.080
STD DS8	Standard	12.4	102.6	124.7	308	1.7	37.8	7.5	666	2.63	27.0	2.9	123.7	7.0	70	2.3	5.6	7.4	42	0.71	0.083
STD DS8	Standard	13.8	107.1	124.2	322	1.7	38.8	7.3	638	2.46	25.2	3.0	116.7	7.3	74	2.2	5.5	7.1	43	0.73	0.081
STD DS8	Standard	12.6	118.7	141.3	331	1.7	41.3	7.9	647	2.50	26.3	3.2	115.3	7.3	77	2.4	6.2	7.0	41	0.70	0.078
STD DS8	Standard	14.0	114.4	141.3	332	1.8	40.7	8.0	681	2.68	27.8	2.8	117.0	7.1	80	2.1	6.1	7.0	45	0.73	0.082
STD DS8	Standard	12.6	103.5	119.8	296	1.6	33.9	7.3	571	2.33	23.6	2.7	101.2	6.9	61	2.2	5.2	5.8	42	0.66	0.072
STD DS8	Standard	14.0	111.4	116.2	317	1.6	39.7	7.8	622	2.44	26.4	2.7	114.3	7.2	68	2.1	5.4	5.5	43	0.70	0.082
STD DS8	Standard	13.1	114.2	135.3	321	1.7	39.6	7.6	618	2.45	26.2	3.0	102.2	7.1	66	2.2	6.1	7.3	42	0.67	0.080
STD DS8	Standard	14.5	115.8	137.4	334	1.8	41.0	7.9	621	2.56	28.3	3.0	106.7	7.5	70	2.4	6.3	7.4	45	0.72	0.088
STD DS8	Standard	13.8	110.0	129.8	306	1.7	37.9	7.6	596	2.43	25.6	2.9	109.7	7.4	68	2.0	5.9	6.5	43	0.69	0.080
STD DS8	Standard	13.7	114.0	130.0	311	1.8	37.6	7.5	595	2.44	25.8	2.9	96.9	7.5	72	2.3	5.7	6.9	42	0.68	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000378.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1012576	Soil	10	21	0.34	131	0.044	2	0.82	0.011	0.06	<0.1	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2
REP 1012576	QC	10	21	0.34	138	0.045	1	0.85	0.011	0.07	0.1	0.02	3.3	<0.1	<0.05	3	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	120	0.63	281	0.117	3	0.92	0.083	0.44	2.7	0.22	2.4	5.4	0.14	5	5.8	5.3
STD DS8	Standard	16	124	0.63	294	0.128	3	0.99	0.097	0.44	3.2	0.18	2.5	5.7	0.14	5	4.8	5.1
STD DS8	Standard	16	123	0.65	294	0.128	3	0.95	0.106	0.41	3.1	0.20	3.0	5.2	0.10	5	5.5	4.7
STD DS8	Standard	17	124	0.64	288	0.131	3	0.95	0.095	0.41	2.8	0.21	2.6	5.4	0.06	5	5.7	5.3
STD DS8	Standard	15	118	0.61	281	0.119	3	0.95	0.101	0.44	2.9	0.22	2.1	5.2	0.20	5	6.4	5.4
STD DS8	Standard	16	122	0.64	293	0.127	3	0.98	0.112	0.44	3.0	0.21	2.1	5.4	0.21	5	6.5	5.0
STD DS8	Standard	14	119	0.57	266	0.126	2	0.89	0.092	0.39	3.0	0.17	2.1	5.2	0.11	4	5.0	4.7
STD DS8	Standard	16	124	0.61	285	0.133	3	0.93	0.095	0.41	3.1	0.20	2.2	5.2	0.12	5	5.2	5.2
STD DS8	Standard	13	113	0.57	260	0.111	5	0.84	0.081	0.39	2.8	0.19	1.9	5.3	0.14	4	5.2	4.9
STD DS8	Standard	14	120	0.59	268	0.124	2	0.88	0.094	0.41	3.0	0.20	2.1	5.2	0.16	4	4.3	4.9
STD DS8	Standard	14	120	0.67	275	0.112	4	0.97	0.104	0.45	3.1	0.20	1.9	5.4	0.15	5	5.5	4.9
STD DS8	Standard	15	122	0.63	276	0.117	3	0.97	0.103	0.46	3.3	0.20	2.2	5.7	0.15	5	5.5	5.0
STD DS8	Standard	15	113	0.59	253	0.102	3	0.79	0.068	0.39	2.9	0.20	2.1	5.1	0.17	5	5.2	4.9
STD DS8	Standard	15	112	0.60	249	0.108	2	0.89	0.079	0.40	2.9	0.17	2.0	5.1	0.17	5	5.1	5.3
STD DS8	Standard	15	115	0.61	278	0.113	3	0.92	0.098	0.42	3.1	0.22	1.9	5.7	0.14	5	5.7	5.9
STD DS8	Standard	15	119	0.65	276	0.124	3	1.00	0.097	0.43	3.1	0.17	2.0	5.6	0.17	5	5.3	4.7
STD DS8	Standard	15	120	0.63	313	0.112	2	0.95	0.132	0.53	3.2	0.21	2.7	6.0	0.16	5	5.6	5.4
STD DS8	Standard	15	126	0.64	307	0.117	2	0.97	0.126	0.55	3.3	0.18	2.8	5.8	0.11	5	5.4	5.2
STD DS8	Standard	14	115	0.56	250	0.113	2	0.86	0.080	0.38	2.8	0.19	1.8	4.8	0.13	4	5.8	5.1
STD DS8	Standard	16	118	0.59	277	0.128	3	0.92	0.092	0.40	2.9	0.18	2.0	5.0	0.17	5	6.7	5.0
STD DS8	Standard	14	121	0.62	276	0.114	3	0.89	0.083	0.41	3.0	0.20	2.0	5.5	0.08	5	5.8	4.9
STD DS8	Standard	15	124	0.64	293	0.126	3	0.95	0.091	0.43	3.2	0.23	2.0	5.6	0.10	5	5.0	4.9
STD DS8	Standard	15	118	0.60	253	0.118	2	0.89	0.081	0.40	2.8	0.17	2.0	5.1	0.16	4	5.5	4.9
STD DS8	Standard	15	120	0.59	266	0.119	2	0.89	0.084	0.40	2.7	0.17	2.0	5.1	0.15	5	4.4	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000378.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000378.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: July 27, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11000394.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 233

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	233	Dry at 60C			VAN
SS80	233	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	233	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 27, 2011

CERTIFICATE OF ANALYSIS WHI11000394.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011310	Soil	0.7	37.8	6.3	73	0.1	24.6	12.1	557	3.42	10.9	0.5	7.5	2.7	37	<0.1	0.6	0.4	69	0.66	0.121
1011309	Soil	0.6	13.5	4.2	87	<0.1	13.4	12.6	671	3.97	5.9	0.4	3.0	1.5	32	<0.1	0.4	0.2	68	0.68	0.199
1011274	Soil	0.5	13.7	4.0	89	<0.1	15.0	13.7	616	3.79	5.5	0.3	4.2	2.5	28	<0.1	0.4	0.2	74	0.63	0.136
1011273	Soil	0.6	12.7	6.2	53	<0.1	16.8	10.0	543	2.86	6.3	0.3	5.6	2.9	27	<0.1	0.4	0.2	49	0.44	0.058
1011279	Soil	0.5	9.9	5.9	63	<0.1	11.4	10.2	385	3.08	5.3	0.5	3.2	2.2	28	<0.1	0.3	0.2	63	0.46	0.072
1011275	Soil	0.6	6.4	3.4	64	<0.1	7.8	9.0	423	2.63	4.1	0.3	3.9	3.1	25	<0.1	0.2	0.1	43	0.46	0.106
1011308	Soil	0.5	17.5	5.3	78	<0.1	17.5	12.4	699	3.81	6.1	0.4	2.0	2.4	30	<0.1	0.5	0.1	71	0.49	0.103
1011312	Soil	0.7	9.8	5.1	74	<0.1	11.3	11.3	720	3.79	3.7	0.2	1.5	1.5	35	<0.1	0.4	0.1	63	0.68	0.132
1011277	Soil	0.3	28.7	5.1	49	0.1	17.7	8.5	657	1.96	5.5	1.2	4.2	0.8	65	0.2	0.5	0.3	41	1.59	0.094
1011315	Soil	0.9	22.8	6.7	63	0.1	16.0	10.1	486	3.14	4.4	0.8	1.5	1.8	48	0.1	0.4	0.1	57	0.81	0.066
1011301	Soil	0.5	14.1	6.1	93	<0.1	12.8	12.3	719	4.10	6.0	0.6	3.5	1.8	45	<0.1	0.5	<0.1	75	0.93	0.161
1011311	Soil	0.5	26.1	18.0	70	<0.1	23.9	11.1	614	3.38	7.2	0.6	3.1	4.1	35	0.1	0.4	<0.1	53	0.54	0.084
1011276	Soil	0.6	14.7	5.5	76	0.1	11.3	10.5	645	3.43	3.5	0.8	3.5	2.2	56	<0.1	0.4	<0.1	63	1.15	0.119
1011314	Soil	0.6	21.5	5.1	82	<0.1	16.8	13.0	858	3.47	6.4	0.8	2.8	3.4	46	0.2	0.4	<0.1	68	0.76	0.113
1011313	Soil	0.9	32.4	7.7	86	0.1	25.7	12.3	682	3.33	8.7	0.5	3.7	2.3	68	0.2	0.6	0.1	59	2.13	0.123
1011271	Soil	2.1	51.9	11.1	71	0.3	32.2	12.5	460	3.31	29.3	0.6	7.5	4.5	28	0.2	1.9	0.1	64	0.46	0.046
1011270	Soil	1.3	44.6	11.2	63	0.3	27.0	12.0	764	3.11	12.1	0.5	2.6	3.0	33	0.2	0.5	0.1	59	0.52	0.047
1011272	Soil	0.7	11.8	6.7	63	<0.1	17.4	11.5	576	3.29	7.2	0.4	1.0	3.7	27	0.1	0.4	0.3	66	0.42	0.055
1020655	Soil	0.7	16.1	7.3	79	<0.1	12.7	10.9	683	3.74	3.6	0.4	4.3	2.1	38	<0.1	0.4	0.2	65	0.52	0.086
1011187	Soil	0.7	9.4	5.5	80	<0.1	10.2	10.9	721	3.37	4.2	0.3	<0.5	2.1	30	0.1	0.3	0.1	65	0.38	0.076
1011307	Soil	0.4	12.1	4.7	71	<0.1	11.2	10.4	629	3.30	5.5	0.3	3.7	1.7	31	<0.1	0.3	<0.1	54	0.58	0.132
1011267	Soil	0.9	23.9	9.5	61	0.1	24.2	11.0	414	3.33	12.1	0.5	0.5	3.8	29	<0.1	0.6	0.2	61	0.43	0.054
1011266	Soil	2.0	53.2	11.8	76	0.6	27.1	10.4	495	3.19	25.6	0.8	6.4	3.6	39	0.1	0.6	0.1	67	1.31	0.090
1011268	Soil	0.7	28.5	7.2	62	0.1	25.7	11.2	493	3.09	11.6	0.5	2.2	3.2	36	0.1	0.5	<0.1	56	0.58	0.106
1011269	Soil	0.8	14.9	8.6	53	<0.1	19.2	9.5	322	3.06	10.9	0.4	<0.5	3.9	29	<0.1	0.4	0.1	57	0.43	0.054
1011278	Soil	0.5	23.0	6.6	74	<0.1	15.6	11.5	562	3.33	5.3	0.5	2.0	3.4	43	<0.1	0.6	0.1	62	0.78	0.082
1011263	Soil	0.8	36.5	7.7	65	<0.1	21.9	11.3	516	3.22	10.5	0.5	1.6	4.0	36	<0.1	0.6	0.1	60	0.52	0.061
1011302	Soil	0.8	19.0	30.3	81	<0.1	17.0	12.5	713	3.94	8.4	0.7	1.6	5.1	41	0.2	0.6	0.4	66	0.81	0.116
1011264	Soil	1.0	40.3	10.0	65	0.1	25.7	11.2	451	3.12	13.0	0.5	3.8	4.1	32	<0.1	0.5	0.1	60	0.47	0.054
1011265	Soil	0.8	46.5	7.3	55	0.2	24.9	9.9	357	2.84	12.8	0.6	2.7	3.5	31	<0.1	0.6	0.2	59	0.44	0.080

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 27, 2011

CERTIFICATE OF ANALYSIS WHI11000394.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011310	Soil	10	24	1.17	332	0.130	1	1.72	0.020	0.24	0.1	0.05	3.2	0.1	0.09	5	0.8	<0.2
1011309	Soil	5	18	1.19	354	0.178	<1	2.08	0.015	0.59	0.3	<0.01	3.3	0.1	0.07	7	<0.5	<0.2
1011274	Soil	10	16	1.10	196	0.100	<1	1.80	0.014	0.22	0.1	0.02	6.3	<0.1	<0.05	7	<0.5	<0.2
1011273	Soil	9	25	0.60	278	0.088	2	1.55	0.012	0.20	0.2	<0.01	3.3	<0.1	<0.05	5	0.6	<0.2
1011279	Soil	8	17	0.74	224	0.119	1	1.48	0.012	0.26	0.2	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1011275	Soil	9	12	0.69	188	0.045	2	1.48	0.013	0.08	0.1	<0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1011308	Soil	8	22	1.08	512	0.182	1	1.77	0.020	0.66	0.2	0.01	3.2	0.1	<0.05	6	<0.5	<0.2
1011312	Soil	6	18	0.90	372	0.127	2	1.94	0.015	0.50	0.2	<0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1011277	Soil	11	19	0.56	431	0.067	2	1.15	0.017	0.16	<0.1	0.04	2.3	<0.1	<0.05	4	0.7	<0.2
1011315	Soil	14	22	0.62	465	0.075	1	1.62	0.014	0.17	0.2	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1011301	Soil	8	19	1.22	392	0.161	2	2.07	0.018	0.37	0.3	0.02	3.7	0.1	<0.05	8	<0.5	<0.2
1011311	Soil	22	21	0.95	331	0.079	<1	1.73	0.017	0.16	0.2	<0.01	4.6	<0.1	<0.05	6	<0.5	<0.2
1011276	Soil	11	17	1.04	313	0.116	1	1.75	0.016	0.37	0.2	0.01	3.3	0.1	<0.05	7	0.6	<0.2
1011314	Soil	14	21	1.02	348	0.157	1	1.75	0.019	0.30	0.2	<0.01	3.7	0.1	<0.05	6	<0.5	<0.2
1011313	Soil	11	29	1.05	381	0.100	<1	1.67	0.026	0.19	0.2	<0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1011271	Soil	16	34	0.66	231	0.088	2	1.75	0.014	0.11	0.2	0.03	5.6	<0.1	<0.05	5	0.9	<0.2
1011270	Soil	11	30	0.63	372	0.095	2	1.51	0.018	0.22	0.3	<0.01	3.3	<0.1	<0.05	5	0.8	<0.2
1011272	Soil	10	24	0.71	256	0.107	<1	1.83	0.011	0.24	0.1	<0.01	3.6	0.1	<0.05	6	0.5	<0.2
1020655	Soil	8	24	0.70	388	0.066	<1	2.08	0.011	0.15	0.2	<0.01	4.6	<0.1	<0.05	7	<0.5	<0.2
1011187	Soil	6	16	0.91	272	0.150	<1	1.95	0.012	0.37	<0.1	0.01	1.9	0.1	<0.05	7	0.7	<0.2
1011307	Soil	8	12	0.99	520	0.099	<1	1.87	0.012	0.41	0.2	0.03	3.3	0.1	<0.05	6	0.6	<0.2
1011267	Soil	13	36	0.61	293	0.106	1	1.69	0.013	0.19	0.2	0.02	4.6	<0.1	<0.05	5	0.8	<0.2
1011266	Soil	14	30	0.69	278	0.095	1	1.55	0.015	0.22	0.2	0.03	4.2	0.1	<0.05	5	<0.5	<0.2
1011268	Soil	14	25	0.73	287	0.096	<1	1.62	0.017	0.15	0.2	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1011269	Soil	11	29	0.56	313	0.083	<1	1.78	0.012	0.12	0.1	<0.01	3.6	<0.1	<0.05	6	0.7	<0.2
1011278	Soil	14	20	0.78	329	0.111	2	1.78	0.016	0.33	0.2	0.01	4.6	<0.1	<0.05	6	0.8	<0.2
1011263	Soil	14	29	0.67	392	0.081	1	1.84	0.015	0.13	<0.1	0.02	4.7	<0.1	<0.05	6	<0.5	<0.2
1011302	Soil	9	26	0.65	566	0.039	2	2.00	0.013	0.29	0.7	<0.01	6.6	<0.1	<0.05	7	0.9	<0.2
1011264	Soil	14	36	0.67	360	0.079	<1	1.82	0.014	0.10	0.2	0.03	4.5	<0.1	<0.05	5	0.6	<0.2
1011265	Soil	15	27	0.62	199	0.086	<1	1.39	0.015	0.16	0.1	0.03	4.1	0.1	<0.05	4	<0.5	<0.2

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Project: PED
Report Date: July 27, 2011

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011184	Soil	0.7	18.0	7.5	43	<0.1	18.6	8.6	199	2.55	7.6	0.6	2.6	3.7	24	<0.1	0.4	0.2	50	0.25	0.043
1011186	Soil	0.4	29.4	5.0	83	<0.1	20.7	14.0	612	4.03	5.9	0.8	2.5	4.0	40	<0.1	0.4	0.1	83	0.52	0.081
1011189	Soil	0.6	24.5	6.1	136	<0.1	10.4	15.5	917	4.89	2.5	0.3	1.7	2.5	49	<0.1	0.2	<0.1	80	0.80	0.206
1011190	Soil	0.4	7.5	3.9	91	<0.1	8.2	11.2	643	3.35	5.3	0.3	1.4	2.0	41	0.1	0.2	<0.1	57	0.76	0.194
1011191	Soil	0.7	60.6	16.1	116	0.1	16.1	15.3	840	4.56	4.1	0.4	2.0	3.4	33	0.1	0.4	<0.1	70	0.45	0.093
1011199	Soil	0.5	10.6	4.1	85	<0.1	8.6	10.0	564	2.76	2.4	0.2	0.5	1.1	37	<0.1	0.2	0.1	59	0.66	0.197
1011198	Soil	0.8	15.4	7.1	66	<0.1	17.3	8.5	344	2.71	9.8	0.4	0.5	2.8	27	<0.1	0.5	0.2	59	0.36	0.104
1011197	Soil	0.6	12.5	7.1	81	<0.1	15.3	11.9	601	3.22	7.9	0.4	<0.5	2.9	33	<0.1	0.4	0.2	68	0.51	0.147
1011196	Soil	0.5	9.2	5.6	84	<0.1	9.8	11.8	567	3.07	5.0	0.2	<0.5	2.4	33	<0.1	0.2	0.1	70	0.56	0.179
1011185	Soil	0.7	18.8	6.5	52	<0.1	16.0	9.6	388	2.85	7.8	0.7	0.7	3.4	31	<0.1	0.4	0.1	61	0.35	0.064
1020653	Soil	0.7	12.6	19.6	62	<0.1	17.1	8.8	668	2.44	3.4	0.4	<0.5	3.8	29	0.1	0.4	0.2	43	0.42	0.076
1020654	Soil	0.8	17.9	15.4	56	0.1	21.5	9.4	582	2.59	3.9	0.4	0.7	3.8	27	0.2	0.3	0.3	47	0.36	0.084
1020651	Soil	0.9	9.6	9.1	56	<0.1	13.1	8.2	529	2.82	6.6	0.5	4.7	3.5	22	<0.1	1.9	0.2	57	0.31	0.063
1020652	Soil	0.2	6.9	3.2	112	<0.1	8.9	13.8	750	3.76	2.2	0.3	<0.5	1.3	31	<0.1	0.1	<0.1	82	0.68	0.216
1011200	Soil	0.4	7.0	3.0	116	<0.1	7.5	14.5	854	4.13	2.6	0.3	<0.5	1.0	43	<0.1	0.1	<0.1	88	0.92	0.275
1020661	Soil	0.7	17.2	16.7	62	0.1	21.2	10.1	508	2.72	8.4	0.5	1.1	4.8	36	<0.1	0.6	0.3	53	0.55	0.056
1020659	Soil	0.8	17.9	31.8	61	0.1	20.5	9.4	539	2.73	10.5	0.7	6.7	4.9	32	0.1	0.7	0.5	57	0.53	0.064
1020658	Soil	0.7	13.4	12.5	83	0.1	16.1	12.3	719	3.48	5.9	0.6	<0.5	3.0	35	<0.1	0.6	0.3	68	0.53	0.098
1020660	Soil	0.8	19.8	7.6	64	<0.1	20.0	10.5	449	3.12	9.1	0.7	1.5	3.7	32	<0.1	0.8	0.2	63	0.52	0.076
1020657	Soil	0.4	13.0	4.6	79	<0.1	21.6	12.3	597	3.32	5.6	0.3	6.3	2.2	36	<0.1	0.3	<0.1	72	0.61	0.150
1020665	Soil	1.6	37.8	10.6	72	0.2	24.5	10.6	649	2.83	27.9	0.6	2.8	3.4	46	0.3	1.3	0.2	56	0.97	0.066
1020664	Soil	1.4	36.9	9.9	63	0.2	24.0	10.2	549	2.73	25.4	0.7	5.6	3.5	45	0.2	1.4	0.2	57	0.99	0.066
1020666	Soil	0.8	26.4	9.9	67	0.2	26.3	10.5	444	2.84	17.3	0.7	1.7	5.0	39	<0.1	0.9	0.2	57	0.50	0.057
1020663	Soil	0.9	22.7	15.4	83	0.2	19.3	10.5	902	3.04	75.1	0.7	4.8	4.1	44	0.2	3.0	0.2	53	0.91	0.063
1020662	Soil	0.6	15.4	5.0	142	0.4	9.4	17.3	935	4.64	11.6	0.6	5.0	1.0	91	<0.1	1.1	0.2	90	3.26	0.299
1011192	Soil	0.5	16.9	16.4	122	<0.1	12.4	12.1	715	4.06	6.9	0.8	1.6	3.8	47	<0.1	0.5	<0.1	73	0.81	0.171
1011194	Soil	0.7	9.8	7.9	73	<0.1	14.1	11.0	744	3.00	6.9	0.4	<0.5	3.8	34	<0.1	0.4	0.1	59	0.49	0.139
1011195	Soil	0.8	13.0	9.8	60	<0.1	18.4	9.5	341	2.83	8.6	0.4	<0.5	3.5	27	<0.1	0.5	0.1	62	0.27	0.058
1011188	Soil	0.6	43.1	4.8	133	0.1	12.3	11.1	658	3.37	2.4	0.3	0.9	1.9	47	0.2	0.3	<0.1	70	0.43	0.107
1011193	Soil	0.9	24.3	13.9	45	0.2	14.5	8.0	514	2.31	6.3	0.8	1.7	3.0	32	0.2	0.4	0.1	55	0.40	0.061

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Project: PED
Report Date: July 27, 2011

CERTIFICATE OF ANALYSIS WHI11000394.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011184	Soil	11	26	0.45	259	0.075	<1	1.68	0.011	0.07	0.1	0.01	2.7	<0.1	<0.05	5	0.8	<0.2
1011186	Soil	18	27	1.12	390	0.221	<1	2.16	0.015	0.38	0.1	<0.01	5.0	0.2	<0.05	8	<0.5	<0.2
1011189	Soil	7	13	1.29	355	0.128	<1	2.51	0.026	0.40	<0.1	0.01	4.6	0.1	<0.05	10	<0.5	<0.2
1011190	Soil	6	11	0.90	181	0.100	<1	1.84	0.028	0.27	<0.1	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1011191	Soil	13	23	1.24	306	0.068	<1	2.21	0.013	0.24	<0.1	<0.01	3.7	<0.1	<0.05	9	<0.5	<0.2
1011199	Soil	3	10	0.97	280	0.135	2	1.75	0.022	0.52	<0.1	<0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1011198	Soil	7	26	0.74	273	0.095	2	1.60	0.011	0.29	0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1011197	Soil	7	24	0.97	333	0.124	2	1.88	0.015	0.49	0.1	0.01	3.4	0.1	<0.05	6	<0.5	<0.2
1011196	Soil	7	15	1.12	240	0.146	1	2.00	0.020	0.60	0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1011185	Soil	22	27	0.71	325	0.092	2	1.67	0.015	0.09	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1020653	Soil	10	29	0.39	359	0.053	2	1.50	0.012	0.19	0.2	<0.01	3.5	<0.1	<0.05	4	<0.5	<0.2
1020654	Soil	9	41	0.58	331	0.055	1	1.66	0.011	0.13	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1020651	Soil	12	22	0.44	344	0.054	2	1.28	0.011	0.14	0.2	0.05	5.3	0.1	<0.05	4	0.6	<0.2
1020652	Soil	4	14	1.44	318	0.197	1	2.34	0.018	1.04	<0.1	<0.01	3.3	0.2	<0.05	9	<0.5	<0.2
1011200	Soil	4	12	1.53	397	0.176	1	2.43	0.026	0.82	<0.1	0.01	4.0	0.1	<0.05	9	0.5	<0.2
1020661	Soil	13	32	0.54	345	0.067	1	1.64	0.012	0.16	0.2	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1020659	Soil	13	32	0.51	358	0.055	2	1.77	0.011	0.16	0.2	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1020658	Soil	8	29	0.86	292	0.103	2	2.02	0.014	0.33	0.2	0.02	4.8	<0.1	<0.05	7	0.6	<0.2
1020660	Soil	11	33	0.65	297	0.076	1	1.96	0.012	0.16	0.2	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1020657	Soil	8	36	1.22	294	0.137	2	2.05	0.018	0.59	<0.1	0.02	3.4	<0.1	<0.05	7	1.0	<0.2
1020665	Soil	16	30	0.63	397	0.051	2	1.55	0.014	0.14	0.2	0.04	4.9	<0.1	<0.05	4	<0.5	<0.2
1020664	Soil	16	30	0.65	375	0.053	2	1.50	0.014	0.12	0.1	0.04	4.8	<0.1	<0.05	5	<0.5	<0.2
1020666	Soil	16	34	0.73	320	0.080	2	1.44	0.021	0.10	0.2	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1020663	Soil	20	27	0.50	712	0.037	2	1.74	0.013	0.19	0.2	0.07	4.5	0.1	<0.05	5	<0.5	<0.2
1020662	Soil	8	9	1.74	457	0.091	2	2.12	0.013	0.33	0.1	0.06	4.9	<0.1	<0.05	9	0.7	<0.2
1011192	Soil	15	21	1.01	215	0.102	<1	2.07	0.022	0.29	<0.1	0.03	5.6	<0.1	<0.05	8	<0.5	<0.2
1011194	Soil	10	22	0.81	253	0.096	<1	1.78	0.013	0.36	<0.1	0.02	3.0	0.1	<0.05	6	0.6	<0.2
1011195	Soil	8	29	0.62	226	0.088	1	1.83	0.013	0.17	0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1011188	Soil	7	19	1.03	322	0.141	1	2.10	0.011	0.34	<0.1	0.02	1.7	0.1	<0.05	7	<0.5	<0.2
1011193	Soil	10	24	0.50	268	0.082	1	1.29	0.013	0.13	0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2

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Project: PED
Report Date: July 27, 2011

CERTIFICATE OF ANALYSIS WHI11000394.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011108	Soil	0.4	9.5	5.0	83	<0.1	13.1	11.3	514	3.26	5.9	0.3	1.0	1.5	25	<0.1	0.3	<0.1	77	0.49	0.171
1011115	Soil	0.6	9.5	6.8	63	<0.1	14.1	8.9	467	3.01	6.6	0.4	0.7	2.7	30	<0.1	0.4	<0.1	63	0.38	0.102
1011117	Soil	0.4	14.9	5.8	60	<0.1	15.9	9.3	434	2.84	6.7	0.4	<0.5	2.7	27	<0.1	0.3	<0.1	63	0.24	0.041
1011102	Soil	0.6	11.4	5.5	69	<0.1	10.9	9.3	555	2.62	2.9	0.2	<0.5	1.8	49	0.1	0.2	<0.1	55	0.52	0.089
1011109	Soil	0.3	6.2	3.4	101	<0.1	10.1	13.6	823	4.26	5.1	0.2	<0.5	0.9	34	<0.1	0.2	<0.1	99	0.80	0.269
1011116	Soil	0.5	12.6	5.4	58	<0.1	16.7	10.2	480	3.32	5.9	0.3	<0.5	2.5	27	<0.1	0.3	<0.1	70	0.34	0.100
1011118	Soil	0.6	51.3	5.2	52	<0.1	15.7	9.1	400	2.88	6.4	0.5	<0.5	2.4	29	<0.1	0.3	<0.1	61	0.25	0.041
1011111	Soil	0.5	7.5	4.2	109	<0.1	9.7	13.1	738	4.37	5.2	0.3	<0.5	1.2	46	<0.1	0.2	<0.1	99	0.62	0.189
1011104	Soil	0.5	14.5	4.3	58	<0.1	13.9	10.4	364	2.79	5.3	0.5	2.0	3.3	41	<0.1	0.4	<0.1	57	0.55	0.133
1011121	Soil	0.5	15.1	6.0	90	<0.1	12.1	11.0	736	4.42	6.9	0.7	<0.5	5.0	31	<0.1	0.5	<0.1	101	0.57	0.168
1020656	Soil	0.6	13.4	11.6	76	0.1	16.1	11.4	567	3.43	6.7	0.5	1.0	2.7	28	<0.1	0.5	0.2	78	0.51	0.104
1011105	Soil	0.4	13.8	4.4	58	<0.1	10.9	8.6	324	2.52	3.9	0.6	1.4	2.9	44	<0.1	0.3	<0.1	54	0.52	0.118
1011122	Soil	0.6	16.1	4.5	75	<0.1	16.2	11.5	508	3.32	6.5	0.7	1.2	2.6	35	<0.1	0.3	<0.1	76	0.58	0.125
1011124	Soil	0.2	8.5	2.4	83	<0.1	8.7	10.6	634	2.91	2.1	0.6	1.1	4.5	26	<0.1	0.2	<0.1	62	0.35	0.067
1011114	Soil	0.6	11.4	5.5	81	<0.1	12.9	10.5	536	3.72	6.0	0.5	0.8	2.3	29	<0.1	0.4	<0.1	78	0.49	0.119
1011250	Soil	0.4	44.7	4.2	79	<0.1	14.3	9.5	467	2.58	3.4	0.4	0.7	2.8	32	<0.1	0.2	<0.1	61	0.48	0.133
1011119	Soil	0.2	7.8	2.7	102	<0.1	7.8	13.3	785	4.25	2.1	0.5	1.2	1.4	55	<0.1	0.2	<0.1	91	0.99	0.226
1011112	Soil	0.4	9.0	5.9	104	<0.1	10.2	12.9	823	4.25	4.1	0.5	<0.5	1.7	38	<0.1	0.3	<0.1	83	0.83	0.254
1011110	Soil	0.5	6.9	4.4	99	<0.1	9.8	13.3	704	4.27	5.1	0.3	<0.5	1.2	38	<0.1	0.2	<0.1	89	0.60	0.180
1011106	Soil	0.4	14.4	2.2	43	<0.1	8.5	7.6	303	2.09	2.3	0.5	<0.5	3.1	56	<0.1	0.2	<0.1	43	0.54	0.139
1011247	Soil	0.4	24.2	3.4	89	<0.1	14.7	12.3	736	3.67	3.4	1.0	3.1	3.8	44	<0.1	0.3	<0.1	82	0.72	0.156
1011248	Soil	0.4	16.3	3.3	86	<0.1	9.3	12.7	676	3.81	4.0	0.8	1.9	2.0	34	<0.1	0.3	<0.1	80	0.67	0.152
1031946	Soil	0.3	6.9	2.4	81	<0.1	6.5	10.0	787	3.32	1.4	0.3	<0.5	1.4	106	<0.1	0.1	<0.1	65	0.81	0.178
1011103	Soil	0.5	19.4	5.0	66	<0.1	14.3	10.0	487	3.02	5.4	0.5	1.6	3.4	39	<0.1	0.3	<0.1	64	0.43	0.073
1011120	Soil	0.4	6.3	4.3	106	<0.1	8.8	13.6	847	4.62	4.0	0.4	<0.5	1.3	39	<0.1	0.4	<0.1	84	0.71	0.214
1011245	Soil	0.3	29.2	4.1	93	<0.1	21.1	12.7	524	3.38	3.1	0.4	<0.5	3.4	67	<0.1	0.2	<0.1	72	0.40	0.100
1011242	Soil	0.5	51.2	2.6	47	<0.1	7.7	8.4	333	2.54	3.0	0.4	<0.5	2.5	40	<0.1	0.2	<0.1	54	0.38	0.067
1011243	Soil	0.3	34.9	5.0	59	<0.1	11.9	8.1	671	3.13	2.6	1.0	1.0	3.8	107	<0.1	0.2	0.1	66	0.84	0.026
1011101	Soil	0.3	27.1	4.1	75	<0.1	8.5	10.0	587	3.64	4.0	0.3	<0.5	1.6	30	<0.1	0.2	<0.1	74	0.47	0.110
1011249	Soil	0.9	32.2	3.7	78	<0.1	14.4	12.2	623	3.73	5.3	0.4	1.6	2.0	23	<0.1	0.2	<0.1	76	0.34	0.089

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011108	Soil	4	19	1.03	435	0.187	<1	2.35	0.017	0.52	0.1	0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1011115	Soil	6	24	0.67	259	0.065	<1	1.91	0.013	0.22	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1011117	Soil	8	25	0.84	215	0.143	1	1.89	0.017	0.27	0.2	<0.01	2.2	0.1	<0.05	7	<0.5	<0.2
1011102	Soil	6	19	0.71	270	0.088	1	1.84	0.013	0.32	0.1	0.02	2.0	<0.1	<0.05	7	<0.5	<0.2
1011109	Soil	3	14	1.42	477	0.235	<1	2.64	0.023	1.05	<0.1	<0.01	2.6	0.2	<0.05	9	<0.5	<0.2
1011116	Soil	6	26	1.00	168	0.163	<1	2.15	0.011	0.66	0.1	0.02	2.3	0.2	<0.05	8	<0.5	<0.2
1011118	Soil	7	22	0.75	205	0.110	1	1.80	0.010	0.19	0.2	<0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1011111	Soil	4	16	1.45	390	0.255	<1	2.61	0.021	1.00	0.1	<0.01	2.6	0.2	<0.05	9	<0.5	<0.2
1011104	Soil	13	25	0.75	267	0.113	3	1.61	0.015	0.19	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1011121	Soil	19	18	0.52	280	0.019	1	1.91	0.010	0.07	0.2	0.01	9.8	<0.1	<0.05	7	<0.5	<0.2
1020656	Soil	9	27	0.84	293	0.083	1	2.05	0.013	0.31	0.2	0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
1011105	Soil	9	22	0.75	174	0.105	1	1.41	0.015	0.28	0.1	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1011122	Soil	9	23	1.08	325	0.151	2	1.99	0.021	0.30	0.1	<0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1011124	Soil	20	11	1.07	207	0.151	<1	1.70	0.014	0.40	<0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1011114	Soil	7	20	0.99	297	0.107	2	2.02	0.019	0.39	0.2	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1011250	Soil	7	25	0.89	202	0.094	2	1.70	0.017	0.28	0.2	<0.01	2.3	0.2	<0.05	8	<0.5	<0.2
1011119	Soil	11	12	1.44	480	0.168	<1	2.31	0.031	0.56	<0.1	<0.01	4.0	0.2	<0.05	9	<0.5	<0.2
1011112	Soil	5	16	1.25	307	0.121	1	2.40	0.023	0.47	0.1	<0.01	4.9	<0.1	<0.05	9	<0.5	<0.2
1011110	Soil	4	17	1.36	375	0.209	1	2.50	0.017	0.93	0.1	<0.01	2.6	0.2	<0.05	9	<0.5	<0.2
1011106	Soil	12	19	0.59	269	0.101	<1	1.19	0.019	0.30	<0.1	<0.01	2.3	0.1	<0.05	4	<0.5	<0.2
1011247	Soil	22	24	1.00	374	0.206	<1	2.36	0.023	0.50	0.1	0.02	4.6	0.2	<0.05	8	<0.5	<0.2
1011248	Soil	12	17	1.00	409	0.114	1	2.01	0.028	0.48	<0.1	0.02	6.0	0.1	<0.05	8	<0.5	<0.2
1031946	Soil	8	10	1.15	368	0.154	<1	2.48	0.032	0.62	<0.1	<0.01	2.5	0.2	<0.05	8	<0.5	<0.2
1011103	Soil	11	24	0.95	139	0.105	<1	2.36	0.015	0.26	0.1	<0.01	4.0	0.1	<0.05	8	<0.5	<0.2
1011120	Soil	4	14	1.29	248	0.053	1	2.54	0.023	0.08	0.1	<0.01	5.5	<0.1	<0.05	9	<0.5	<0.2
1011245	Soil	8	40	1.35	182	0.175	1	2.55	0.016	0.58	0.2	<0.01	2.2	0.2	<0.05	8	<0.5	<0.2
1011242	Soil	7	14	0.83	176	0.142	1	1.74	0.020	0.20	0.3	<0.01	1.9	0.1	<0.05	6	<0.5	<0.2
1011243	Soil	14	16	0.88	268	0.137	<1	3.27	0.063	0.21	0.2	0.01	4.6	0.1	<0.05	9	<0.5	<0.2
1011101	Soil	5	14	1.02	145	0.134	<1	2.29	0.027	0.32	0.2	<0.01	3.3	<0.1	<0.05	9	<0.5	<0.2
1011249	Soil	5	24	1.09	202	0.165	<1	2.38	0.016	0.69	0.3	<0.01	2.9	0.2	<0.05	9	<0.5	<0.2

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Project: PED
Report Date: July 27, 2011

CERTIFICATE OF ANALYSIS WHI11000394.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031849	Soil	0.8	71.9	9.8	94	0.2	23.0	13.3	836	3.33	13.5	0.4	4.0	3.0	65	0.2	0.6	0.1	63	1.68	0.104
1031843	Soil	0.9	12.3	8.3	54	<0.1	12.3	8.9	559	3.03	3.3	0.4	<0.5	2.7	17	<0.1	0.8	<0.1	65	0.38	0.032
1031837	Soil	0.5	10.0	5.0	89	<0.1	9.9	10.3	529	3.33	4.0	0.4	<0.5	2.5	22	<0.1	0.2	<0.1	78	0.26	0.050
1031842	Soil	0.4	8.4	6.7	69	<0.1	12.4	12.8	643	3.55	3.7	0.6	<0.5	3.8	34	<0.1	0.2	<0.1	81	0.56	0.114
1031846	Soil	2.1	113.5	4.7	79	0.2	9.6	12.0	571	3.53	2.4	0.6	<0.5	3.1	28	0.1	0.2	<0.1	81	0.45	0.110
1011113	Soil	0.3	30.9	3.9	68	<0.1	11.0	10.8	572	3.12	3.4	0.3	<0.5	1.5	44	<0.1	0.2	<0.1	66	0.52	0.156
1011244	Soil	0.7	11.8	5.8	76	<0.1	17.4	10.3	530	2.98	6.2	0.3	<0.5	2.3	51	0.1	0.3	<0.1	61	0.44	0.069
1031841	Soil	0.3	14.5	3.5	91	<0.1	12.0	11.8	636	2.55	7.6	0.3	<0.5	3.1	33	<0.1	0.2	<0.1	51	0.45	0.105
1031848	Soil	3.4	205.7	25.3	159	0.9	25.4	16.5	1074	4.37	34.4	0.7	30.0	3.4	40	0.3	0.6	0.1	105	0.70	0.141
1011052	Soil	0.7	31.2	5.9	58	0.1	21.1	9.7	414	2.67	8.7	0.6	1.8	3.5	45	<0.1	0.7	<0.1	55	1.51	0.064
1011126	Soil	0.3	8.0	3.7	87	<0.1	6.6	11.6	594	3.41	3.7	0.2	<0.5	1.9	32	<0.1	0.1	<0.1	71	0.48	0.195
1011125	Soil	0.3	7.5	2.9	90	<0.1	6.6	12.7	664	3.55	2.7	0.3	<0.5	2.2	32	<0.1	<0.1	<0.1	74	0.50	0.218
1011107	Soil	0.2	9.8	2.5	113	<0.1	7.6	13.3	702	4.26	1.9	0.9	5.4	1.6	51	<0.1	0.1	<0.1	82	1.11	0.222
1011123	Soil	0.5	5.8	4.2	83	<0.1	9.9	10.6	519	3.02	2.8	0.5	<0.5	3.3	25	0.1	0.2	<0.1	59	0.31	0.180
1011246	Soil	2.3	10.0	5.9	64	<0.1	9.9	9.8	557	3.44	4.2	0.9	<0.5	2.8	26	<0.1	0.4	0.3	71	0.35	0.094
1031839	Soil	0.3	5.5	3.5	103	<0.1	7.6	13.1	627	3.39	4.0	0.3	<0.5	2.0	33	<0.1	0.2	<0.1	84	0.52	0.156
1031835	Soil	1.5	50.5	5.8	64	<0.1	27.1	9.8	338	3.07	12.3	0.7	4.1	5.2	35	<0.1	0.7	0.1	59	0.36	0.031
1030699	Soil	0.8	28.0	4.1	62	<0.1	18.3	12.8	415	2.96	7.9	0.7	2.2	4.0	55	<0.1	0.5	<0.1	57	0.52	0.075
1009979	Soil	8.5	123.6	30.0	137	1.4	48.8	17.0	633	3.65	121.1	1.1	6.9	2.8	36	0.6	2.9	0.1	87	0.55	0.077
1030698	Soil	0.9	28.5	5.8	50	<0.1	18.6	9.1	327	2.65	10.6	0.6	2.6	3.5	32	<0.1	0.7	0.1	47	0.32	0.058
1030700	Soil	1.0	40.9	7.8	58	0.1	27.2	10.5	283	2.98	15.4	0.9	4.0	5.7	34	<0.1	0.8	0.5	64	0.32	0.046
1030696	Soil	0.6	20.4	3.5	47	<0.1	12.1	9.3	313	2.25	6.7	0.7	<0.5	4.7	56	<0.1	0.4	<0.1	45	0.49	0.103
1030695	Soil	0.5	18.6	3.6	42	<0.1	10.8	8.0	286	2.33	6.9	0.8	1.0	4.2	63	<0.1	0.3	<0.1	49	0.50	0.098
1011051	Soil	0.8	15.2	7.7	73	<0.1	18.9	12.3	545	3.26	11.7	0.5	<0.5	3.6	38	<0.1	0.6	0.1	72	0.56	0.067
1030697	Soil	0.5	17.6	2.8	45	<0.1	10.5	8.3	339	2.26	6.1	0.8	1.5	3.1	62	<0.1	0.3	<0.1	47	0.62	0.162
1031844	Soil	0.7	5.1	4.7	94	<0.1	12.0	15.1	940	3.95	5.4	0.3	<0.5	1.2	40	<0.1	0.3	<0.1	92	0.68	0.141
1031845	Soil	1.0	10.4	6.2	54	<0.1	12.7	9.9	541	2.80	8.0	0.6	3.0	4.2	24	<0.1	0.4	<0.1	48	0.37	0.075
1031847	Soil	0.7	43.7	13.9	89	0.2	65.6	16.1	771	3.58	8.8	0.5	1.7	3.3	39	<0.1	0.3	<0.1	77	0.55	0.078
1031838	Soil	0.7	9.5	11.3	89	<0.1	12.4	12.1	683	3.12	6.5	0.4	<0.5	2.5	30	<0.1	0.4	<0.1	65	0.34	0.077
1031850	Soil	0.7	41.0	5.4	77	0.3	18.6	12.0	588	2.95	13.7	0.5	6.5	2.7	62	<0.1	0.7	<0.1	61	2.18	0.135

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Project: PED
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031849	Soil	16	27	1.01	1010	0.058	3	1.90	0.018	0.17	0.1	0.05	4.4	<0.1	<0.05	7	<0.5	<0.2
1031843	Soil	9	26	0.37	442	0.036	<1	1.51	0.013	0.11	0.1	<0.01	4.8	<0.1	<0.05	5	<0.5	<0.2
1031837	Soil	7	16	0.94	210	0.192	<1	1.92	0.012	0.55	0.2	<0.01	1.9	0.2	<0.05	7	<0.5	<0.2
1031842	Soil	15	18	1.14	238	0.163	1	2.20	0.020	0.56	0.1	<0.01	4.5	0.2	<0.05	9	<0.5	<0.2
1031846	Soil	10	14	0.94	268	0.183	<1	1.91	0.011	0.56	0.3	<0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1011113	Soil	4	17	1.13	358	0.158	1	2.39	0.015	0.80	0.1	<0.01	2.8	0.2	<0.05	8	<0.5	<0.2
1011244	Soil	7	26	0.84	355	0.097	<1	2.22	0.018	0.12	0.1	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1031841	Soil	15	11	1.15	136	0.108	1	1.72	0.013	0.32	0.1	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1031848	Soil	15	37	1.21	370	0.104	2	2.24	0.016	0.48	0.2	0.05	6.4	0.1	<0.05	8	0.7	<0.2
1011052	Soil	13	26	0.72	347	0.083	2	1.39	0.026	0.12	0.2	0.04	4.4	<0.1	<0.05	5	0.6	<0.2
1011126	Soil	4	12	1.15	212	0.193	<1	2.03	0.017	0.63	<0.1	<0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1011125	Soil	4	12	1.19	235	0.180	<1	2.16	0.017	0.69	<0.1	<0.01	2.2	0.2	<0.05	8	<0.5	<0.2
1011107	Soil	10	12	1.16	412	0.135	<1	2.26	0.043	0.34	<0.1	0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
1011123	Soil	9	16	0.79	255	0.140	1	1.91	0.012	0.43	0.1	0.01	2.1	0.1	<0.05	7	<0.5	<0.2
1011246	Soil	6	18	0.53	192	0.023	1	2.05	0.012	0.10	1.3	<0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
1031839	Soil	5	13	1.24	360	0.227	2	2.01	0.016	0.95	<0.1	<0.01	2.6	0.2	<0.05	8	<0.5	<0.2
1031835	Soil	10	38	0.73	262	0.116	2	1.71	0.014	0.18	0.2	0.02	5.7	<0.1	<0.05	5	<0.5	<0.2
1030699	Soil	11	30	0.83	221	0.141	2	1.88	0.018	0.20	0.2	0.02	4.4	0.1	<0.05	6	<0.5	<0.2
1009979	Soil	12	56	0.87	505	0.115	2	1.88	0.025	0.39	0.3	0.06	5.3	0.2	<0.05	6	0.9	<0.2
1030698	Soil	10	32	0.59	250	0.088	1	1.72	0.012	0.08	0.1	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1030700	Soil	16	42	0.63	256	0.106	3	1.67	0.025	0.11	0.2	0.04	7.1	<0.1	<0.05	5	<0.5	<0.2
1030696	Soil	15	25	0.65	179	0.108	2	1.44	0.017	0.15	<0.1	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1030695	Soil	13	23	0.64	206	0.098	1	1.42	0.018	0.09	<0.1	0.01	3.8	<0.1	<0.05	4	<0.5	<0.2
1011051	Soil	11	30	0.79	392	0.111	2	1.91	0.018	0.20	0.1	0.01	5.6	<0.1	<0.05	6	<0.5	<0.2
1030697	Soil	12	20	0.71	205	0.117	1	1.25	0.026	0.25	<0.1	<0.01	3.3	<0.1	<0.05	4	<0.5	<0.2
1031844	Soil	4	29	1.21	442	0.146	2	2.27	0.022	0.60	<0.1	<0.01	5.0	0.1	<0.05	8	<0.5	<0.2
1031845	Soil	16	22	0.53	223	0.066	3	1.31	0.014	0.26	0.1	<0.01	4.0	<0.1	<0.05	4	<0.5	<0.2
1031847	Soil	12	100	1.24	313	0.153	3	2.16	0.015	0.51	0.1	0.02	4.5	0.2	<0.05	7	<0.5	<0.2
1031838	Soil	7	21	0.83	380	0.159	2	1.81	0.013	0.37	0.1	<0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1031850	Soil	15	18	1.03	384	0.098	3	1.59	0.022	0.30	0.2	0.09	4.0	<0.1	<0.05	6	0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1020567	Soil	0.6	22.9	6.8	49	<0.1	22.2	9.6	388	2.53	11.3	0.6	0.8	3.8	31	<0.1	0.6	0.1	57	0.47	0.081
1020569	Soil	0.4	21.6	5.2	74	<0.1	19.5	12.5	536	3.10	10.8	0.5	1.5	2.8	40	<0.1	0.4	<0.1	73	0.70	0.162
1020568	Soil	0.6	21.3	6.5	59	<0.1	21.8	11.3	418	2.87	11.3	0.5	1.3	3.7	31	<0.1	0.5	0.1	61	0.49	0.087
1020571	Soil	0.8	18.8	8.8	54	<0.1	23.3	10.6	363	2.77	14.9	0.5	<0.5	5.1	38	<0.1	0.6	0.2	56	0.54	0.043
1020575	Soil	0.7	32.2	10.3	66	0.1	25.8	11.6	527	2.72	14.0	0.7	4.7	4.3	44	0.1	0.7	0.1	60	0.79	0.082
1031840	Soil	0.5	18.4	4.7	90	<0.1	21.7	12.9	614	3.41	10.0	0.5	<0.5	5.1	30	<0.1	0.3	<0.1	76	0.36	0.062
1030694	Soil	0.4	28.3	2.8	52	<0.1	9.1	9.5	376	2.62	5.5	0.5	<0.5	2.7	57	<0.1	0.2	<0.1	54	0.60	0.148
1030693	Soil	0.3	11.9	2.6	67	<0.1	8.4	12.0	591	3.17	4.8	0.6	<0.5	3.0	52	<0.1	0.2	<0.1	64	0.71	0.182
1030691	Soil	0.5	13.5	3.8	55	<0.1	12.1	10.5	368	2.81	6.6	0.4	1.1	3.0	44	<0.1	0.3	<0.1	60	0.44	0.116
1020564	Soil	0.5	19.5	6.2	101	<0.1	16.8	14.9	965	4.06	10.8	0.5	1.8	2.1	46	<0.1	0.7	<0.1	88	1.33	0.148
1030692	Soil	0.3	14.1	1.9	33	<0.1	7.3	5.5	263	1.58	2.8	0.4	2.1	2.3	50	<0.1	0.2	<0.1	37	0.54	0.150
1009980	Soil	3.9	82.4	47.5	185	0.7	33.9	14.4	924	3.59	103.4	0.8	2.8	3.1	49	0.7	1.5	0.1	99	0.73	0.117
1011053	Soil	0.7	29.8	5.9	55	0.1	20.6	8.9	380	2.52	9.5	0.5	3.1	3.2	36	<0.1	0.6	<0.1	59	1.16	0.059
1030690	Soil	0.5	12.0	3.9	56	<0.1	10.3	9.5	386	2.81	3.8	0.4	<0.5	2.3	36	<0.1	0.2	<0.1	66	0.50	0.116
1031836	Soil	0.7	9.1	6.2	62	<0.1	13.2	8.6	518	2.44	6.4	0.4	1.3	2.7	21	0.1	0.4	<0.1	58	0.24	0.056
1030877	Soil	0.7	18.8	9.9	58	<0.1	20.5	11.0	549	2.67	15.4	0.5	<0.5	4.0	36	<0.1	0.7	0.2	54	0.51	0.049
1020552	Soil	0.7	19.4	6.0	82	<0.1	18.3	12.5	612	3.10	10.9	0.4	0.7	2.7	44	<0.1	0.5	<0.1	70	0.73	0.110
1020553	Soil	0.6	19.9	6.6	60	<0.1	19.8	10.2	443	2.77	10.3	0.6	3.4	3.7	38	<0.1	0.6	0.1	59	0.64	0.096
1020563	Soil	0.6	25.8	8.0	67	<0.1	17.7	11.5	608	2.88	9.2	0.8	0.8	3.2	40	<0.1	0.5	0.1	62	0.74	0.139
1020562	Soil	0.5	11.6	4.7	94	<0.1	13.5	13.9	713	3.53	7.9	0.3	<0.5	2.0	43	<0.1	0.4	<0.1	74	0.82	0.174
1029757	Soil	0.7	13.3	8.2	59	<0.1	17.1	11.0	446	2.75	9.1	0.4	<0.5	3.4	30	0.2	0.5	0.2	63	0.49	0.066
1020551	Soil	0.7	15.3	6.5	72	<0.1	16.3	11.1	611	2.87	7.7	0.4	5.0	2.4	38	0.2	0.4	0.1	59	0.72	0.098
1030878	Soil	0.7	17.0	9.6	52	<0.1	18.4	10.1	575	2.50	13.2	0.4	0.5	3.1	35	0.2	0.6	0.2	48	0.55	0.042
1029756	Soil	0.7	16.7	8.4	50	<0.1	20.9	10.3	454	2.53	12.1	0.4	2.1	3.5	29	0.2	0.6	0.1	54	0.46	0.056
1029751	Soil	0.7	14.9	8.3	55	<0.1	15.8	9.7	494	2.60	12.4	0.4	2.0	3.1	29	<0.1	0.6	0.2	57	0.49	0.063
1020565	Soil	0.5	16.7	5.7	78	<0.1	18.2	12.2	567	3.05	9.6	0.4	1.4	2.6	36	0.1	0.4	0.1	68	0.65	0.137
1020566	Soil	0.7	15.2	6.9	80	<0.1	17.8	13.0	652	3.31	9.4	0.4	2.0	3.0	35	0.1	0.5	0.1	70	0.63	0.113
1020574	Soil	0.6	14.6	5.5	100	<0.1	12.5	15.9	1127	4.61	8.1	0.3	1.5	4.7	40	<0.1	0.3	<0.1	96	0.76	0.174
1020577	Soil	0.6	19.5	6.5	70	<0.1	19.7	11.7	579	2.89	8.6	0.3	<0.5	3.3	34	0.1	0.4	0.1	56	0.59	0.102
1020576	Soil	0.6	19.8	6.1	74	<0.1	20.0	12.2	582	3.14	9.9	0.4	1.6	3.0	31	<0.1	0.6	0.1	65	0.60	0.123

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Project: PED
Report Date: July 27, 2011

CERTIFICATE OF ANALYSIS WHI11000394.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1020567	Soil	13	30	0.57	204	0.095	2	1.31	0.016	0.17	0.1	0.03	4.9	<0.1	<0.05	4	<0.5	<0.2
1020569	Soil	10	22	1.03	296	0.148	2	1.71	0.021	0.33	0.1	0.02	4.5	<0.1	<0.05	6	<0.5	<0.2
1020568	Soil	12	28	0.76	231	0.117	2	1.53	0.017	0.26	0.2	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1020571	Soil	15	35	0.54	348	0.091	3	1.59	0.015	0.21	0.2	0.02	5.3	<0.1	<0.05	5	<0.5	<0.2
1020575	Soil	16	31	0.76	282	0.078	3	1.68	0.018	0.11	0.2	0.05	5.0	<0.1	<0.05	5	<0.5	<0.2
1031840	Soil	10	19	1.19	217	0.204	2	2.20	0.018	0.43	0.1	<0.01	4.4	0.2	<0.05	8	<0.5	<0.2
1030694	Soil	17	18	0.80	236	0.143	1	1.59	0.021	0.25	0.1	<0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
1030693	Soil	15	16	1.05	353	0.160	1	1.86	0.022	0.40	<0.1	<0.01	4.0	0.1	<0.05	6	<0.5	<0.2
1030691	Soil	8	24	0.81	253	0.156	1	1.66	0.022	0.37	0.1	<0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1020564	Soil	13	21	0.80	435	0.090	4	1.73	0.025	0.39	0.2	0.04	8.3	<0.1	<0.05	7	<0.5	<0.2
1030692	Soil	8	14	0.44	145	0.058	<1	0.81	0.014	0.22	<0.1	<0.01	2.1	<0.1	<0.05	3	<0.5	<0.2
1009980	Soil	13	44	0.97	455	0.126	3	1.92	0.020	0.35	0.3	0.02	5.3	0.1	<0.05	7	0.7	<0.2
1011053	Soil	12	25	0.69	303	0.069	1	1.33	0.020	0.09	0.2	0.04	4.0	<0.1	<0.05	4	0.6	<0.2
1030690	Soil	10	21	0.76	253	0.113	1	1.64	0.018	0.26	<0.1	0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1031836	Soil	7	20	0.67	214	0.085	1	1.42	0.015	0.29	0.1	<0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1030877	Soil	12	32	0.60	387	0.066	2	1.61	0.014	0.19	0.2	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1020552	Soil	10	22	1.01	328	0.111	2	1.91	0.022	0.21	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1020553	Soil	13	27	0.74	276	0.082	2	1.53	0.018	0.12	0.2	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
1020563	Soil	12	25	0.77	337	0.108	3	1.51	0.022	0.39	0.2	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1020562	Soil	7	19	1.20	299	0.134	2	2.02	0.022	0.34	<0.1	0.01	4.3	<0.1	<0.05	7	<0.5	<0.2
1029757	Soil	11	26	0.67	286	0.068	<1	1.62	0.012	0.18	0.1	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1020551	Soil	7	22	0.77	404	0.084	1	1.57	0.012	0.30	0.1	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1030878	Soil	10	29	0.54	429	0.042	1	1.48	0.011	0.15	0.2	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
1029756	Soil	10	33	0.61	330	0.055	<1	1.43	0.013	0.13	0.2	0.03	4.1	<0.1	<0.05	4	0.7	<0.2
1029751	Soil	9	23	0.57	394	0.054	<1	1.51	0.012	0.12	0.2	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1020565	Soil	8	23	0.95	320	0.112	<1	1.71	0.016	0.28	0.1	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2
1020566	Soil	10	25	0.91	417	0.101	1	1.83	0.016	0.34	0.2	0.03	5.2	<0.1	<0.05	6	0.5	<0.2
1020574	Soil	18	16	1.32	383	0.093	2	2.08	0.012	0.45	<0.1	0.02	9.1	<0.1	<0.05	9	<0.5	<0.2
1020577	Soil	12	24	0.88	336	0.101	2	1.65	0.014	0.33	0.1	0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1020576	Soil	12	21	0.91	288	0.089	1	1.62	0.016	0.23	<0.1	0.04	4.8	<0.1	<0.05	6	0.6	<0.2

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Project: PED
Report Date: July 27, 2011

CERTIFICATE OF ANALYSIS WHI11000394.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1020570	Soil	0.6	21.9	6.7	53	<0.1	22.2	10.7	385	2.81	11.2	0.6	2.7	3.6	30	<0.1	0.5	0.1	60	0.50	0.073
1020557	Soil	0.7	19.2	7.1	64	<0.1	19.6	9.7	496	2.46	9.2	0.4	2.1	3.1	40	0.2	0.5	0.1	50	0.65	0.069
1011849	Soil	0.7	28.5	15.6	54	<0.1	25.0	11.1	504	2.84	12.2	7.4	6.3	22.6	23	<0.1	0.5	0.3	61	0.29	0.050
1011787	Soil	0.8	25.3	12.4	52	<0.1	23.2	10.4	489	2.63	12.3	3.0	1.2	12.5	21	0.2	0.5	0.3	53	0.23	0.057
1011841	Soil	0.8	19.4	13.0	51	<0.1	17.1	8.4	409	2.37	8.9	3.3	0.8	6.8	18	0.2	0.4	0.3	50	0.25	0.058
1020572	Soil	0.8	14.8	7.9	41	<0.1	17.3	10.0	568	2.50	8.3	0.3	1.7	2.9	41	0.1	0.4	0.1	52	0.56	0.030
1020578	Soil	0.4	11.9	4.8	88	<0.1	13.8	13.7	635	3.69	8.3	0.3	1.8	2.2	35	<0.1	0.5	<0.1	79	0.80	0.165
1020558	Soil	0.4	12.5	4.6	106	<0.1	11.1	14.8	857	3.97	6.9	0.3	0.9	1.5	47	<0.1	0.4	<0.1	86	1.53	0.214
1020556	Soil	0.6	23.4	7.5	61	<0.1	21.4	10.4	574	2.49	10.7	0.4	<0.5	3.1	34	<0.1	0.6	0.1	48	0.61	0.072
1020559	Soil	0.7	23.7	8.4	55	<0.1	23.3	9.8	395	2.58	12.7	0.6	0.7	4.2	33	0.1	0.7	0.1	55	0.49	0.057
1020554	Soil	0.5	14.8	5.5	82	<0.1	15.4	12.3	689	3.08	9.1	0.4	<0.5	2.2	36	<0.1	0.4	<0.1	69	0.73	0.135
1020573	Soil	0.6	20.5	6.9	58	<0.1	18.9	10.1	396	2.68	9.9	0.5	1.8	3.8	27	<0.1	0.5	0.1	55	0.43	0.069
1020555	Soil	0.6	17.8	5.8	69	<0.1	19.8	11.8	491	3.06	9.9	0.4	1.8	3.0	33	<0.1	0.5	<0.1	67	0.55	0.090
1020560	Soil	0.7	31.4	6.3	67	0.2	22.5	11.1	526	2.63	10.2	0.5	1.9	3.1	41	0.2	0.5	0.1	65	1.11	0.110
1020561	Soil	0.6	19.2	7.1	77	<0.1	20.1	12.0	583	3.02	9.9	0.4	1.5	3.0	34	0.1	0.5	0.1	67	0.61	0.101
1011954	Soil	0.6	28.0	10.6	61	<0.1	24.9	10.7	545	2.59	9.7	12.3	1.3	16.5	29	0.2	0.5	0.2	55	0.42	0.091
1011955	Soil	0.7	26.4	13.2	80	<0.1	23.3	11.3	538	2.86	9.7	6.6	2.6	17.3	24	0.2	0.4	0.2	59	0.35	0.135
1011958	Soil	0.6	18.5	11.4	41	<0.1	17.8	7.8	228	2.38	10.2	1.4	1.7	6.7	17	0.2	0.4	0.2	57	0.20	0.059
1011957	Soil	0.8	32.4	11.8	62	<0.1	25.9	10.9	396	3.05	11.4	3.1	1.8	12.4	29	0.2	0.5	0.3	68	0.34	0.052
1011961	Soil	0.7	20.7	12.1	53	<0.1	19.6	9.0	400	2.43	8.9	5.5	<0.5	13.9	23	0.1	0.3	0.2	54	0.34	0.073
1011844	Soil	0.7	20.5	13.9	57	<0.1	21.0	8.3	258	2.60	10.3	3.4	0.7	6.0	22	0.1	0.4	0.3	56	0.27	0.058
1011850	Soil	0.9	16.8	27.4	52	<0.1	17.1	9.6	491	2.32	16.5	4.4	4.6	20.4	19	<0.1	0.9	0.3	42	0.26	0.050
1011843	Soil	0.6	18.5	11.3	50	<0.1	17.7	8.7	335	2.36	9.3	3.4	<0.5	9.1	17	<0.1	0.4	0.2	53	0.23	0.061
1011842	Soil	0.8	15.9	12.1	51	<0.1	15.7	7.2	324	2.25	8.6	2.9	<0.5	4.5	15	0.1	0.4	0.2	54	0.20	0.055
1011956	Soil	0.7	20.8	18.2	60	<0.1	22.4	17.3	906	2.80	10.3	2.2	2.4	16.9	13	0.2	0.5	0.3	54	0.19	0.052
1011788	Soil	0.5	23.6	10.2	65	<0.1	23.1	8.5	359	2.45	7.9	2.9	10.9	8.9	26	0.2	0.5	0.5	58	0.38	0.104
1011845	Soil	0.9	12.6	14.4	45	<0.1	13.7	5.9	210	2.30	8.8	2.7	3.6	3.9	15	0.1	0.4	0.4	47	0.18	0.051
1011847	Soil	0.6	28.0	15.5	60	<0.1	30.8	9.9	508	2.77	10.5	6.0	5.0	15.7	27	0.2	0.5	0.4	54	0.34	0.080
1011848	Soil	0.8	21.7	12.8	59	<0.1	23.6	9.8	450	2.75	10.5	2.9	4.5	12.0	19	<0.1	0.5	0.3	50	0.27	0.070
1011846	Soil	0.6	26.7	15.2	62	<0.1	28.8	9.8	477	2.85	10.4	5.8	2.8	15.2	26	<0.1	0.5	0.4	53	0.33	0.074

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1020570	Soil	12	30	0.63	284	0.089	<1	1.56	0.013	0.16	0.1	0.04	5.2	<0.1	<0.05	5	0.6	<0.2
1020557	Soil	12	29	0.58	334	0.070	2	1.45	0.014	0.13	0.1	0.03	4.3	<0.1	<0.05	4	<0.5	<0.2
1011849	Soil	39	37	0.55	260	0.067	<1	2.00	0.011	0.06	0.2	0.07	6.7	0.2	<0.05	5	<0.5	<0.2
1011787	Soil	17	32	0.54	199	0.067	<1	1.81	0.011	0.05	0.1	0.06	4.3	0.1	<0.05	5	0.6	<0.2
1011841	Soil	13	28	0.46	116	0.070	<1	1.49	0.010	0.06	0.2	0.05	3.1	0.2	<0.05	5	<0.5	<0.2
1020572	Soil	10	27	0.45	621	0.066	1	1.47	0.012	0.15	0.1	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
1020578	Soil	9	17	1.21	226	0.104	1	1.89	0.020	0.27	<0.1	0.02	5.6	<0.1	<0.05	8	<0.5	<0.2
1020558	Soil	7	13	1.23	314	0.086	1	1.92	0.024	0.21	<0.1	0.03	6.4	<0.1	<0.05	8	0.6	<0.2
1020556	Soil	13	26	0.62	479	0.057	1	1.48	0.014	0.13	0.1	0.04	4.3	<0.1	<0.05	5	0.6	<0.2
1020559	Soil	15	31	0.53	321	0.064	1	1.35	0.013	0.10	0.2	0.04	4.9	<0.1	<0.05	4	<0.5	<0.2
1020554	Soil	9	20	0.91	377	0.100	2	1.66	0.016	0.39	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1020573	Soil	11	28	0.71	209	0.094	1	1.36	0.020	0.24	0.1	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
1020555	Soil	10	24	0.88	333	0.099	<1	1.76	0.015	0.24	0.1	0.04	4.7	<0.1	<0.05	6	<0.5	<0.2
1020560	Soil	11	23	0.81	240	0.085	<1	1.35	0.020	0.13	0.2	0.06	4.1	<0.1	<0.05	5	<0.5	<0.2
1020561	Soil	10	26	0.85	327	0.113	2	1.75	0.017	0.34	0.1	0.03	4.6	<0.1	<0.05	6	<0.5	<0.2
1011954	Soil	21	32	0.59	186	0.098	<1	1.47	0.016	0.09	0.2	0.02	4.4	0.3	<0.05	5	<0.5	<0.2
1011955	Soil	18	34	0.61	200	0.103	<1	2.02	0.017	0.10	0.2	0.05	5.2	0.3	<0.05	6	<0.5	<0.2
1011958	Soil	14	30	0.41	147	0.075	1	1.86	0.009	0.04	0.1	0.05	3.6	0.1	<0.05	6	0.6	<0.2
1011957	Soil	20	42	0.61	245	0.107	<1	2.19	0.014	0.07	0.1	0.06	7.0	0.2	<0.05	6	<0.5	<0.2
1011961	Soil	19	31	0.52	171	0.088	1	1.68	0.012	0.06	0.2	0.04	3.8	0.2	<0.05	5	<0.5	<0.2
1011844	Soil	13	35	0.52	149	0.065	<1	1.86	0.011	0.06	0.2	0.04	3.5	0.2	<0.05	5	0.6	<0.2
1011850	Soil	15	27	0.44	145	0.044	<1	1.84	0.009	0.06	0.2	0.06	3.3	0.2	<0.05	5	<0.5	<0.2
1011843	Soil	12	28	0.48	106	0.081	<1	1.75	0.009	0.06	0.2	0.05	3.1	0.1	<0.05	5	0.6	<0.2
1011842	Soil	11	27	0.43	97	0.074	2	1.51	0.009	0.06	0.2	0.04	2.5	0.2	<0.05	6	<0.5	<0.2
1011956	Soil	11	31	0.52	119	0.077	<1	1.90	0.010	0.07	0.3	0.05	3.8	0.2	<0.05	5	<0.5	<0.2
1011788	Soil	17	31	0.50	182	0.082	3	1.55	0.011	0.08	0.2	0.03	3.9	0.2	<0.05	5	1.0	<0.2
1011845	Soil	10	30	0.38	92	0.042	1	1.64	0.007	0.05	0.3	0.03	2.1	0.2	0.05	5	0.9	<0.2
1011847	Soil	22	46	0.56	277	0.079	2	1.85	0.010	0.08	0.2	0.05	5.9	0.2	<0.05	5	1.0	<0.2
1011848	Soil	14	32	0.50	153	0.077	2	1.82	0.009	0.06	0.2	0.03	3.6	0.2	<0.05	5	<0.5	<0.2
1011846	Soil	22	45	0.55	264	0.076	<1	1.77	0.009	0.09	0.2	0.04	5.9	0.2	<0.05	5	1.0	<0.2

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Project: PED
Report Date: July 27, 2011

CERTIFICATE OF ANALYSIS WHI11000394.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011968	Soil		1.1	12.7	19.6	67	<0.1	17.4	9.7	540	2.96	10.9	4.0	2.0	12.7	18	0.1	0.4	0.4	58	0.24	0.054
1011975	Soil		0.7	8.3	24.4	70	<0.1	12.4	8.1	902	2.45	5.1	6.1	1.9	61.6	13	<0.1	0.2	0.8	42	0.27	0.101
1011966	Soil		1.6	11.4	17.3	47	<0.1	13.0	5.8	272	3.32	10.8	2.1	1.3	9.5	11	0.2	0.5	0.4	83	0.13	0.027
1011970	Soil		0.6	12.6	39.7	71	<0.1	15.2	8.5	801	2.47	8.0	7.6	<0.5	32.7	16	0.2	0.3	0.4	33	0.26	0.081
1011973	Soil		0.9	11.2	21.8	61	<0.1	16.1	11.3	727	2.66	8.3	5.2	3.3	25.5	13	0.1	0.3	0.3	51	0.20	0.064
1011953	Soil		0.8	29.2	12.7	66	<0.1	23.4	9.6	454	2.96	9.5	5.8	3.2	5.0	30	<0.1	0.5	0.2	53	0.36	0.110
1011974	Soil		0.7	10.8	19.5	59	<0.1	16.0	9.4	493	2.59	8.5	3.1	0.5	19.4	15	0.2	0.4	0.2	47	0.24	0.060
1011965	Soil		1.1	14.6	18.9	64	0.1	19.3	9.1	385	3.53	10.7	1.9	4.2	12.9	13	0.3	0.5	0.3	66	0.15	0.035
1011969	Soil		1.3	10.2	14.7	56	<0.1	15.5	6.7	405	2.94	10.8	2.0	3.8	8.4	15	0.2	0.3	0.3	70	0.17	0.035
1011967	Soil		0.9	14.6	13.5	57	<0.1	18.6	9.9	501	2.72	7.5	3.0	6.7	13.5	15	0.2	0.4	0.2	45	0.23	0.062
1011962	Soil		0.7	20.2	14.5	56	<0.1	19.2	9.3	388	2.68	8.0	6.2	1.7	13.8	19	0.1	0.4	0.3	49	0.26	0.056
1011959	Soil		0.7	10.8	55.7	60	<0.1	17.2	11.9	908	2.43	7.5	4.5	1.3	43.1	8	0.2	0.3	0.9	36	0.16	0.066
1011963	Soil		0.7	16.4	15.4	54	<0.1	17.2	9.0	496	2.59	8.0	4.4	2.8	13.2	21	<0.1	0.4	0.3	53	0.32	0.057
1011964	Soil		0.7	18.3	16.6	60	<0.1	20.1	9.8	507	2.68	8.3	4.2	2.1	13.9	22	<0.1	0.4	0.2	51	0.30	0.056
1011960	Soil		1.2	16.5	18.6	55	<0.1	18.7	9.4	590	2.75	9.0	11.3	4.2	9.5	18	0.1	0.5	0.3	52	0.26	0.079
1010086	Soil		1.9	26.1	66.5	60	<0.1	11.3	5.4	1249	1.63	4.1	9.4	<0.5	58.0	22	0.1	0.5	5.0	25	0.35	0.054
1010085	Soil		2.8	30.2	67.4	58	<0.1	9.8	5.3	1310	1.55	3.3	9.9	0.9	60.6	21	<0.1	0.5	7.8	26	0.40	0.053
1010081	Soil		0.7	20.4	15.7	50	<0.1	15.7	8.3	404	2.21	7.6	7.9	3.7	18.2	23	0.1	0.4	0.9	51	0.33	0.047
1010082	Soil		0.9	10.2	47.6	77	<0.1	10.0	6.1	1303	2.50	2.9	14.5	2.2	99.0	9	0.1	0.2	2.7	37	0.28	0.089
1010083	Soil		1.2	11.5	43.7	88	<0.1	13.6	8.0	1101	2.85	4.8	12.8	4.2	81.5	11	0.1	0.3	4.2	49	0.25	0.077
1010057	Soil		1.0	24.2	22.7	58	<0.1	21.0	9.3	582	3.03	9.6	3.0	4.7	24.2	17	<0.1	0.5	0.9	56	0.22	0.051
1010056	Soil		0.6	25.8	18.8	59	<0.1	23.2	9.7	598	2.67	8.8	2.8	5.8	23.4	18	0.1	0.5	0.7	46	0.26	0.066
1010062	Soil		0.9	27.2	31.7	54	0.1	19.9	7.9	442	2.95	10.3	4.5	4.3	17.3	20	0.1	0.4	0.5	53	0.24	0.051
1010055	Soil		0.8	22.2	28.6	62	<0.1	23.5	10.8	618	3.07	9.9	2.3	4.5	24.4	17	0.2	0.5	0.7	56	0.22	0.043
1010054	Soil		0.8	28.5	20.5	61	<0.1	21.8	11.8	764	3.08	9.5	7.2	2.3	22.8	18	<0.1	0.5	0.9	64	0.21	0.060
1011971	Soil		0.8	14.7	20.3	66	0.1	16.5	10.1	586	2.95	8.0	7.8	2.4	19.4	20	0.1	0.3	0.3	56	0.30	0.051
1011972	Soil		0.9	12.3	16.8	60	<0.1	16.2	9.3	453	3.11	9.5	4.9	<0.5	19.8	17	0.1	0.4	0.3	53	0.24	0.058
1010065	Soil		0.6	23.1	15.2	57	<0.1	21.1	9.5	454	2.82	9.2	3.7	3.2	12.3	28	0.1	0.5	0.3	56	0.34	0.048
1010066	Soil		0.8	20.6	16.9	52	<0.1	19.2	10.3	465	2.86	8.5	2.6	5.3	16.8	18	<0.1	0.5	0.3	52	0.21	0.035
1010064	Soil		0.6	17.8	15.7	51	<0.1	18.4	8.3	321	2.70	8.0	2.8	0.7	10.7	19	<0.1	0.4	0.3	51	0.22	0.033

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Project: PED
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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011968	Soil	14	28	0.44	169	0.075	2	1.75	0.008	0.06	0.3	0.02	3.0	0.2	<0.05	6	0.5	<0.2
1011975	Soil	22	22	0.50	93	0.097	<1	1.25	0.009	0.19	0.3	0.02	3.9	0.6	<0.05	5	0.6	<0.2
1011966	Soil	9	25	0.35	100	0.092	1	1.52	0.007	0.04	0.2	0.04	2.3	0.3	<0.05	9	<0.5	<0.2
1011970	Soil	26	21	0.39	184	0.045	1	1.39	0.008	0.05	0.3	0.02	3.3	0.2	<0.05	4	<0.5	<0.2
1011973	Soil	13	27	0.44	111	0.067	<1	1.60	0.008	0.08	0.3	0.02	3.0	0.3	<0.05	5	0.8	<0.2
1011953	Soil	20	32	0.52	240	0.059	2	1.89	0.011	0.07	0.1	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1011974	Soil	14	26	0.43	107	0.072	1	1.49	0.009	0.06	0.3	0.02	3.1	0.2	<0.05	5	0.5	<0.2
1011965	Soil	10	34	0.47	136	0.073	2	2.16	0.008	0.06	0.2	0.03	3.0	0.2	<0.05	7	0.7	<0.2
1011969	Soil	11	25	0.41	132	0.097	<1	1.60	0.007	0.06	0.3	0.01	2.6	0.2	<0.05	8	0.6	<0.2
1011967	Soil	12	28	0.45	108	0.069	2	1.55	0.008	0.05	0.2	0.03	2.5	0.2	<0.05	5	0.6	<0.2
1011962	Soil	17	32	0.49	163	0.071	<1	1.72	0.012	0.07	0.2	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
1011959	Soil	9	21	0.36	100	0.025	<1	2.16	0.009	0.10	0.3	0.02	3.1	0.4	<0.05	5	0.5	<0.2
1011963	Soil	16	31	0.48	178	0.075	<1	1.68	0.010	0.05	0.1	0.03	3.5	0.2	<0.05	5	<0.5	<0.2
1011964	Soil	16	31	0.49	197	0.081	<1	1.69	0.011	0.05	0.2	0.03	4.1	0.2	<0.05	5	0.6	<0.2
1011960	Soil	20	24	0.43	108	0.059	2	1.39	0.010	0.07	0.2	0.05	2.2	0.3	<0.05	7	0.8	<0.2
1010086	Soil	37	11	0.35	223	0.011	<1	1.07	0.006	0.08	1.3	0.02	3.4	0.4	<0.05	5	<0.5	<0.2
1010085	Soil	41	11	0.37	206	0.006	<1	1.04	0.006	0.08	1.1	0.02	3.3	0.4	<0.05	5	0.9	<0.2
1010081	Soil	23	28	0.42	202	0.070	2	1.41	0.011	0.06	0.2	0.02	4.7	0.1	<0.05	4	0.5	<0.2
1010082	Soil	28	20	0.51	117	0.106	<1	1.77	0.012	0.23	0.4	<0.01	5.1	1.0	<0.05	7	<0.5	<0.2
1010083	Soil	21	24	0.47	132	0.102	<1	1.98	0.010	0.17	0.3	<0.01	4.4	0.7	<0.05	8	0.7	<0.2
1010057	Soil	23	34	0.47	157	0.072	<1	2.08	0.008	0.07	0.2	0.03	4.2	0.2	<0.05	6	0.6	<0.2
1010056	Soil	20	28	0.49	166	0.082	1	1.79	0.012	0.08	0.2	0.02	3.9	0.2	<0.05	5	<0.5	<0.2
1010062	Soil	34	34	0.45	187	0.060	1	1.97	0.010	0.06	0.2	0.05	4.7	0.2	<0.05	6	<0.5	<0.2
1010055	Soil	13	32	0.48	157	0.080	1	2.30	0.009	0.07	0.2	0.02	3.7	0.2	<0.05	6	<0.5	<0.2
1010054	Soil	23	37	0.48	193	0.073	1	2.31	0.009	0.08	0.2	0.06	4.5	0.2	<0.05	6	0.9	<0.2
1011971	Soil	19	29	0.44	186	0.077	2	1.92	0.010	0.06	0.2	0.02	3.4	0.3	<0.05	6	0.6	<0.2
1011972	Soil	15	30	0.47	130	0.080	2	1.81	0.016	0.06	0.2	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1010065	Soil	18	34	0.51	222	0.089	<1	1.92	0.012	0.05	0.2	0.04	5.3	0.2	<0.05	6	<0.5	<0.2
1010066	Soil	17	30	0.48	172	0.083	<1	1.96	0.010	0.05	0.1	0.03	3.6	0.2	<0.05	6	0.6	<0.2
1010064	Soil	15	30	0.44	164	0.076	<1	1.73	0.009	0.05	0.2	0.03	3.2	0.1	<0.05	5	1.0	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010074	Soil	1.2	15.8	24.4	61	<0.1	19.7	12.0	791	2.81	7.8	3.0	3.2	15.1	18	0.1	0.3	1.0	62	0.26	0.090
1010061	Soil	0.7	26.1	25.3	55	<0.1	23.9	9.8	481	2.61	8.7	4.7	2.2	15.7	23	<0.1	0.6	0.4	65	0.26	0.037
1010053	Soil	1.4	20.2	20.7	45	0.2	14.9	7.1	344	2.52	6.4	2.9	2.3	8.4	19	0.1	0.5	0.9	76	0.21	0.035
1010067	Soil	0.8	18.6	15.3	54	<0.1	19.2	9.8	407	2.54	6.3	1.8	2.5	14.4	22	<0.1	0.5	0.4	70	0.29	0.042
1010058	Soil	0.9	35.4	17.0	56	<0.1	30.1	10.4	444	2.93	10.7	3.9	3.5	17.4	26	<0.1	0.6	0.5	72	0.28	0.042
1010051	Soil	0.9	23.1	15.6	59	<0.1	25.6	11.6	503	2.97	10.0	2.6	1.5	12.6	20	0.2	0.5	0.5	71	0.29	0.080
1010063	Soil	0.8	27.5	17.0	56	<0.1	23.9	9.5	427	2.68	7.8	2.3	3.4	12.3	26	<0.1	0.5	0.4	69	0.34	0.050
1010076	Soil	1.7	30.6	41.1	79	0.1	28.6	17.5	822	4.29	13.4	18.6	1.9	33.3	29	0.2	0.7	2.7	117	0.33	0.040
1010075	Soil	1.9	50.7	39.4	76	0.2	29.9	14.3	642	3.75	12.1	23.0	2.7	38.4	36	0.2	0.5	1.5	94	0.43	0.038
1010052	Soil	1.1	27.6	25.8	48	0.2	20.1	10.5	681	2.26	6.0	8.4	1.9	6.0	27	0.2	0.4	1.2	52	0.37	0.062
1010084	Soil	1.5	18.0	45.5	65	<0.1	10.8	6.9	792	2.14	4.9	6.1	<0.5	76.5	11	0.1	0.9	3.8	39	0.20	0.046
1010078	Soil	1.1	29.9	20.0	83	<0.1	17.3	18.5	718	4.57	7.7	7.0	0.8	20.0	37	0.1	0.5	1.2	107	0.46	0.124
1010080	Soil	1.1	14.9	20.7	52	<0.1	16.2	9.4	445	2.61	8.2	4.9	<0.5	13.2	20	0.1	0.3	1.1	71	0.27	0.045
1010079	Soil	0.9	12.2	20.4	41	0.2	11.6	7.5	386	2.13	4.9	4.7	3.2	10.9	16	<0.1	0.3	3.4	57	0.23	0.060
1010077	Soil	1.1	17.0	16.0	34	0.2	11.1	4.7	232	1.70	4.4	4.3	<0.5	3.4	17	0.1	0.3	1.1	52	0.19	0.063
1010068	Soil	0.9	20.2	17.0	50	<0.1	21.5	9.0	350	2.70	7.7	4.1	3.8	14.2	26	<0.1	0.4	0.3	72	0.30	0.034
1010069	Soil	0.7	17.2	14.9	49	<0.1	18.5	8.4	313	2.44	7.3	3.0	4.4	12.3	24	<0.1	0.4	0.3	66	0.31	0.032
1010059	Soil	1.0	23.7	17.2	55	<0.1	22.8	10.1	416	2.77	8.8	2.0	3.2	13.9	27	<0.1	0.5	0.5	69	0.29	0.045
1010070	Soil	1.9	22.3	17.0	54	<0.1	20.9	9.4	440	2.62	7.4	4.5	1.1	15.5	25	<0.1	0.4	0.3	67	0.34	0.043
1010060	Soil	1.0	14.9	17.9	44	0.1	17.3	7.2	249	2.49	8.1	1.3	4.5	6.6	16	<0.1	0.4	0.4	71	0.18	0.034
1010071	Soil	1.5	14.6	16.7	24	0.3	8.4	3.1	119	1.29	2.4	2.0	1.0	4.6	15	<0.1	0.3	0.5	42	0.15	0.031
1010072	Soil	1.3	19.0	18.9	39	0.3	14.9	5.4	211	2.09	5.5	2.6	1.6	6.3	21	0.1	0.4	0.6	65	0.23	0.030
1010073	Soil	0.8	16.1	19.4	57	<0.1	18.7	11.0	600	2.54	6.6	3.6	2.2	16.8	20	<0.1	0.3	1.0	66	0.30	0.068

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 27, 2011

CERTIFICATE OF ANALYSIS WHI11000394.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010074	Soil	15	30	0.51	145	0.099	<1	1.82	0.010	0.05	0.3	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1010061	Soil	23	35	0.54	205	0.051	2	1.71	0.012	0.05	0.1	0.04	4.8	0.1	<0.05	5	<0.5	<0.2
1010053	Soil	14	29	0.38	122	0.077	1	1.46	0.011	0.06	0.1	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
1010067	Soil	13	33	0.57	149	0.097	2	1.72	0.013	0.06	0.2	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1010058	Soil	30	44	0.61	229	0.076	2	1.97	0.014	0.07	0.2	0.05	5.8	0.2	<0.05	5	<0.5	<0.2
1010051	Soil	15	36	0.59	148	0.078	2	2.04	0.012	0.08	0.2	0.05	3.4	0.2	<0.05	6	0.6	<0.2
1010063	Soil	19	39	0.58	199	0.091	1	1.74	0.020	0.06	0.2	0.05	4.8	0.1	<0.05	5	<0.5	<0.2
1010076	Soil	30	53	0.63	343	0.094	1	3.16	0.014	0.07	0.3	0.05	6.6	0.4	<0.05	9	<0.5	<0.2
1010075	Soil	71	55	0.65	388	0.097	1	3.31	0.015	0.07	0.2	0.05	8.8	0.4	<0.05	9	<0.5	<0.2
1010052	Soil	44	33	0.40	177	0.049	1	1.62	0.012	0.07	0.1	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1010084	Soil	20	21	0.40	104	0.029	<1	1.48	0.011	0.10	0.6	<0.01	3.8	0.3	<0.05	6	<0.5	<0.2
1010078	Soil	18	27	0.62	256	0.106	1	2.03	0.017	0.13	0.5	0.02	5.1	0.4	<0.05	6	<0.5	<0.2
1010080	Soil	13	33	0.47	135	0.090	2	1.66	0.013	0.06	0.3	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1010079	Soil	12	23	0.37	114	0.083	2	1.30	0.013	0.06	0.3	0.03	2.4	0.2	<0.05	6	<0.5	<0.2
1010077	Soil	11	19	0.21	150	0.058	1	0.88	0.009	0.05	0.2	0.07	1.7	0.1	<0.05	5	<0.5	<0.2
1010068	Soil	22	38	0.53	219	0.084	<1	1.95	0.012	0.05	0.2	0.02	4.1	0.2	<0.05	6	<0.5	<0.2
1010069	Soil	17	34	0.50	164	0.085	1	1.76	0.015	0.05	0.1	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1010059	Soil	19	38	0.59	185	0.087	2	1.91	0.012	0.07	0.2	0.03	4.3	0.2	<0.05	6	<0.5	<0.2
1010070	Soil	19	38	0.55	202	0.092	1	1.89	0.012	0.05	0.2	0.03	4.7	0.2	<0.05	5	<0.5	<0.2
1010060	Soil	11	29	0.42	114	0.069	1	1.66	0.009	0.05	0.1	0.03	2.6	0.1	<0.05	6	<0.5	<0.2
1010071	Soil	13	17	0.17	104	0.063	<1	1.05	0.008	0.04	0.1	0.03	1.7	0.2	<0.05	5	0.5	<0.2
1010072	Soil	17	26	0.32	154	0.068	<1	1.58	0.011	0.04	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1010073	Soil	17	34	0.52	133	0.091	1	1.66	0.014	0.06	0.4	0.02	3.2	0.2	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 27, 2011

QUALITY CONTROL REPORT WHI11000394.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1011308	Soil	0.5	17.5	5.3	78	<0.1	17.5	12.4	699	3.81	6.1	0.4	2.0	2.4	30	<0.1	0.5	0.1	71	0.49	0.103
REP 1011308	QC	0.3	17.4	5.2	78	0.1	17.8	12.0	648	3.55	5.8	0.4	3.1	2.4	31	<0.1	0.5	0.1	77	0.49	0.102
1011189	Soil	0.6	24.5	6.1	136	<0.1	10.4	15.5	917	4.89	2.5	0.3	1.7	2.5	49	<0.1	0.2	<0.1	80	0.80	0.206
REP 1011189	QC	0.6	25.2	6.1	135	<0.1	10.3	15.1	931	4.81	2.2	0.3	3.3	2.4	49	0.1	0.2	<0.1	81	0.83	0.200
1020665	Soil	1.6	37.8	10.6	72	0.2	24.5	10.6	649	2.83	27.9	0.6	2.8	3.4	46	0.3	1.3	0.2	56	0.97	0.066
REP 1020665	QC	1.6	38.0	10.9	68	0.2	23.3	10.7	638	2.87	28.2	0.6	2.0	3.4	45	0.3	1.3	0.2	56	0.96	0.068
1011109	Soil	0.3	6.2	3.4	101	<0.1	10.1	13.6	823	4.26	5.1	0.2	<0.5	0.9	34	<0.1	0.2	<0.1	99	0.80	0.269
REP 1011109	QC	0.3	5.7	3.3	97	<0.1	9.6	13.4	824	4.11	4.5	0.2	<0.5	0.9	34	<0.1	0.2	<0.1	91	0.79	0.276
1011120	Soil	0.4	6.3	4.3	106	<0.1	8.8	13.6	847	4.62	4.0	0.4	<0.5	1.3	39	<0.1	0.4	<0.1	84	0.71	0.214
REP 1011120	QC	0.5	6.6	4.2	106	<0.1	8.8	13.7	858	4.71	4.3	0.4	<0.5	1.4	40	<0.1	0.5	<0.1	82	0.71	0.215
1011101	Soil	0.3	27.1	4.1	75	<0.1	8.5	10.0	587	3.64	4.0	0.3	<0.5	1.6	30	<0.1	0.2	<0.1	74	0.47	0.110
REP 1011101	QC	0.3	26.7	3.9	76	<0.1	8.2	9.8	589	3.57	3.8	0.3	<0.5	1.7	32	<0.1	0.2	<0.1	71	0.47	0.112
1031839	Soil	0.3	5.5	3.5	103	<0.1	7.6	13.1	627	3.39	4.0	0.3	<0.5	2.0	33	<0.1	0.2	<0.1	84	0.52	0.156
REP 1031839	QC	0.3	5.2	3.5	99	<0.1	7.6	13.1	628	3.38	4.9	0.3	<0.5	2.0	33	<0.1	0.2	<0.1	76	0.52	0.152
1009980	Soil	3.9	82.4	47.5	185	0.7	33.9	14.4	924	3.59	103.4	0.8	2.8	3.1	49	0.7	1.5	0.1	99	0.73	0.117
REP 1009980	QC	3.8	83.0	48.2	184	0.7	33.0	14.4	901	3.51	100.8	0.8	2.6	3.1	46	0.6	1.4	0.2	85	0.71	0.113
1020566	Soil	0.7	15.2	6.9	80	<0.1	17.8	13.0	652	3.31	9.4	0.4	2.0	3.0	35	0.1	0.5	0.1	70	0.63	0.113
REP 1020566	QC	0.6	14.7	6.8	77	<0.1	17.4	12.6	653	3.28	9.1	0.3	1.5	2.9	35	0.1	0.5	0.1	70	0.62	0.109
1011961	Soil	0.7	20.7	12.1	53	<0.1	19.6	9.0	400	2.43	8.9	5.5	<0.5	13.9	23	0.1	0.3	0.2	54	0.34	0.073
REP 1011961	QC	0.7	20.8	12.1	53	<0.1	20.1	9.3	391	2.41	8.6	5.5	2.5	13.6	22	0.1	0.4	0.2	54	0.33	0.069
1011970	Soil	0.6	12.6	39.7	71	<0.1	15.2	8.5	801	2.47	8.0	7.6	<0.5	32.7	16	0.2	0.3	0.4	33	0.26	0.081
REP 1011970	QC	0.6	11.7	39.0	67	<0.1	13.9	8.3	775	2.41	7.3	7.5	2.2	33.6	16	<0.1	0.3	0.4	39	0.29	0.079
1010057	Soil	1.0	24.2	22.7	58	<0.1	21.0	9.3	582	3.03	9.6	3.0	4.7	24.2	17	<0.1	0.5	0.9	56	0.22	0.051
REP 1010057	QC	0.9	22.9	22.5	57	<0.1	21.7	9.1	531	3.08	10.1	3.1	2.1	24.6	18	<0.1	0.5	0.6	54	0.22	0.046
1010074	Soil	1.2	15.8	24.4	61	<0.1	19.7	12.0	791	2.81	7.8	3.0	3.2	15.1	18	0.1	0.3	1.0	62	0.26	0.090
REP 1010074	QC	1.3	15.7	24.6	62	<0.1	18.4	11.8	793	2.83	8.2	3.5	8.5	15.2	19	0.1	0.4	1.1	64	0.26	0.089
1010080	Soil	1.1	14.9	20.7	52	<0.1	16.2	9.4	445	2.61	8.2	4.9	<0.5	13.2	20	0.1	0.3	1.1	71	0.27	0.045
REP 1010080	QC	1.1	14.5	20.3	51	<0.1	16.3	8.6	443	2.62	8.1	4.6	2.2	12.9	20	0.1	0.5	1.1	72	0.27	0.044

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Project: PED
Report Date: July 27, 2011

QUALITY CONTROL REPORT WHI11000394.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1011308	Soil	8	22	1.08	512	0.182	1	1.77	0.020	0.66	0.2	0.01	3.2	0.1	<0.05	6	<0.5	<0.2
REP 1011308	QC	8	22	1.03	504	0.183	<1	1.75	0.020	0.66	0.2	<0.01	3.0	0.1	<0.05	6	0.7	<0.2
1011189	Soil	7	13	1.29	355	0.128	<1	2.51	0.026	0.40	<0.1	0.01	4.6	0.1	<0.05	10	<0.5	<0.2
REP 1011189	QC	7	13	1.27	360	0.124	<1	2.42	0.025	0.39	<0.1	<0.01	4.7	<0.1	<0.05	10	<0.5	<0.2
1020665	Soil	16	30	0.63	397	0.051	2	1.55	0.014	0.14	0.2	0.04	4.9	<0.1	<0.05	4	<0.5	<0.2
REP 1020665	QC	16	30	0.64	402	0.051	2	1.55	0.015	0.14	0.1	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2
1011109	Soil	3	14	1.42	477	0.235	<1	2.64	0.023	1.05	<0.1	<0.01	2.6	0.2	<0.05	9	<0.5	<0.2
REP 1011109	QC	2	14	1.38	483	0.227	<1	2.66	0.026	1.01	<0.1	<0.01	2.6	0.2	<0.05	9	<0.5	<0.2
1011120	Soil	4	14	1.29	248	0.053	1	2.54	0.023	0.08	0.1	<0.01	5.5	<0.1	<0.05	9	<0.5	<0.2
REP 1011120	QC	5	15	1.37	263	0.058	<1	2.54	0.024	0.08	0.1	<0.01	5.5	<0.1	<0.05	10	<0.5	<0.2
1011101	Soil	5	14	1.02	145	0.134	<1	2.29	0.027	0.32	0.2	<0.01	3.3	<0.1	<0.05	9	<0.5	<0.2
REP 1011101	QC	5	14	1.01	142	0.138	<1	2.34	0.029	0.32	0.2	<0.01	3.2	0.1	<0.05	9	<0.5	<0.2
1031839	Soil	5	13	1.24	360	0.227	2	2.01	0.016	0.95	<0.1	<0.01	2.6	0.2	<0.05	8	<0.5	<0.2
REP 1031839	QC	5	13	1.27	362	0.229	1	2.03	0.017	0.96	<0.1	0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1009980	Soil	13	44	0.97	455	0.126	3	1.92	0.020	0.35	0.3	0.02	5.3	0.1	<0.05	7	0.7	<0.2
REP 1009980	QC	13	42	0.96	450	0.113	2	1.88	0.019	0.33	0.2	0.02	5.0	0.1	<0.05	6	0.7	<0.2
1020566	Soil	10	25	0.91	417	0.101	1	1.83	0.016	0.34	0.2	0.03	5.2	<0.1	<0.05	6	0.5	<0.2
REP 1020566	QC	10	25	0.92	412	0.104	2	1.83	0.016	0.33	0.1	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
1011961	Soil	19	31	0.52	171	0.088	1	1.68	0.012	0.06	0.2	0.04	3.8	0.2	<0.05	5	<0.5	<0.2
REP 1011961	QC	19	30	0.51	167	0.084	<1	1.61	0.011	0.06	0.2	0.03	3.7	0.2	<0.05	5	0.5	<0.2
1011970	Soil	26	21	0.39	184	0.045	1	1.39	0.008	0.05	0.3	0.02	3.3	0.2	<0.05	4	<0.5	<0.2
REP 1011970	QC	25	20	0.37	178	0.046	<1	1.35	0.008	0.04	0.3	0.03	3.2	0.2	<0.05	4	<0.5	<0.2
1010057	Soil	23	34	0.47	157	0.072	<1	2.08	0.008	0.07	0.2	0.03	4.2	0.2	<0.05	6	0.6	<0.2
REP 1010057	QC	23	33	0.46	160	0.067	<1	2.12	0.008	0.06	0.2	0.03	4.0	0.2	<0.05	6	0.9	<0.2
1010074	Soil	15	30	0.51	145	0.099	<1	1.82	0.010	0.05	0.3	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
REP 1010074	QC	15	31	0.50	144	0.105	1	1.78	0.010	0.06	0.3	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1010080	Soil	13	33	0.47	135	0.090	2	1.66	0.013	0.06	0.3	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
REP 1010080	QC	13	32	0.48	137	0.090	1	1.59	0.011	0.07	0.3	0.02	3.2	0.2	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 27, 2011

QUALITY CONTROL REPORT WHI11000394.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard	13.7	117.2	131.5	306	1.7	39.5	8.2	605	2.43	24.9	2.8	99.4	6.5	70	2.1	5.6	6.2	47	0.68	0.074
STD DS8	Standard	13.9	110.2	127.3	296	1.8	38.7	7.8	598	2.36	23.9	2.9	111.2	6.8	68	2.0	5.6	6.4	48	0.64	0.068
STD DS8	Standard	14.1	119.8	130.1	322	1.9	41.5	8.4	640	2.63	28.4	2.9	116.7	7.0	71	2.4	6.1	7.0	43	0.69	0.082
STD DS8	Standard	13.2	119.1	135.5	321	1.8	41.5	8.1	622	2.59	27.2	2.9	114.0	6.9	67	2.4	5.8	7.0	41	0.69	0.081
STD DS8	Standard	13.6	111.2	128.8	301	1.7	38.5	7.8	609	2.47	29.8	3.1	103.9	7.8	69	2.4	5.7	6.9	39	0.70	0.082
STD DS8	Standard	13.4	108.0	124.9	296	1.7	37.5	7.5	588	2.36	28.1	3.0	124.7	7.6	66	2.2	5.8	6.5	36	0.69	0.076
STD DS8	Standard	13.2	111.2	126.5	324	2.0	38.7	7.5	610	2.50	26.4	2.8	112.4	7.0	63	2.3	5.4	6.1	39	0.71	0.079
STD DS8	Standard	13.4	109.3	123.2	306	1.8	37.4	7.3	607	2.42	25.6	2.8	108.3	7.1	63	2.2	5.3	6.1	38	0.70	0.076
STD DS8	Standard	12.3	111.3	130.9	315	2.0	40.0	7.4	621	2.53	27.8	2.8	126.0	6.7	69	2.4	5.9	6.8	40	0.71	0.085
STD DS8	Standard	12.8	112.2	132.8	325	2.0	39.2	7.5	633	2.56	27.4	2.9	119.1	6.9	71	2.4	6.0	7.1	42	0.73	0.087
STD DS8	Standard	13.4	111.2	127.0	305	1.7	37.6	7.8	596	2.41	28.1	2.8	107.4	6.9	62	2.5	5.7	6.8	40	0.67	0.080
STD DS8	Standard	13.4	110.6	123.5	301	1.7	37.9	7.9	595	2.41	28.3	2.8	108.6	7.0	64	2.4	5.5	6.6	41	0.67	0.078
STD DS8	Standard	13.6	113.2	128.7	321	1.8	39.1	7.6	630	2.74	27.1	2.7	122.3	6.3	66	2.1	5.3	5.5	37	0.67	0.080
STD DS8	Standard	13.8	114.7	124.4	319	1.8	39.6	7.8	623	2.75	26.9	3.0	107.7	6.9	70	2.0	5.5	5.8	38	0.70	0.082
STD DS8	Standard	12.9	106.0	121.5	302	1.8	34.9	7.2	604	2.52	25.2	2.6	109.6	6.5	68	2.3	5.3	5.5	36	0.64	0.075
STD DS8	Standard	13.2	107.2	125.7	315	1.8	37.8	7.4	601	2.62	27.1	2.6	106.5	6.5	69	2.1	5.4	5.6	38	0.69	0.077
STD DS8	Standard	11.4	102.1	116.9	284	1.7	36.7	6.8	558	2.32	24.7	2.4	108.9	5.7	54	2.0	4.5	5.7	38	0.60	0.065
STD DS8	Standard	11.8	98.6	115.6	286	1.7	36.5	7.2	580	2.32	24.2	2.5	99.9	6.0	54	2.2	4.5	5.6	41	0.61	0.070
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	2.4	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 27, 2011

QUALITY CONTROL REPORT WHI11000394.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS8	Standard	14	127	0.65	262	0.120	3	0.92	0.098	0.42	3.0	0.19	2.0	5.3	0.16	4	5.2	4.8
STD DS8	Standard	15	123	0.64	253	0.128	3	0.88	0.083	0.41	2.9	0.19	1.8	5.2	0.09	4	5.2	5.1
STD DS8	Standard	15	127	0.64	281	0.131	3	0.96	0.093	0.41	3.3	0.20	2.2	5.7	0.15	5	5.3	5.3
STD DS8	Standard	14	122	0.63	273	0.127	2	0.92	0.088	0.42	2.9	0.20	2.2	5.6	0.14	5	5.2	4.8
STD DS8	Standard	16	121	0.61	284	0.127	3	0.95	0.098	0.41	3.0	0.19	2.5	5.2	0.14	5	4.6	4.9
STD DS8	Standard	15	120	0.59	274	0.126	2	0.91	0.098	0.40	2.9	0.19	2.4	5.0	0.12	4	4.6	4.7
STD DS8	Standard	15	118	0.63	279	0.116	3	0.96	0.096	0.44	3.0	0.20	2.2	5.2	0.13	5	5.1	5.1
STD DS8	Standard	16	116	0.59	287	0.116	3	0.92	0.098	0.42	2.9	0.19	2.3	5.2	0.12	5	5.0	5.0
STD DS8	Standard	13	118	0.61	284	0.108	4	0.92	0.096	0.45	3.0	0.21	2.7	5.5	0.16	4	5.3	5.1
STD DS8	Standard	14	119	0.64	292	0.116	3	0.96	0.099	0.46	3.2	0.18	2.5	5.5	0.15	5	5.4	5.0
STD DS8	Standard	14	118	0.60	270	0.116	3	0.88	0.084	0.41	2.8	0.19	2.3	5.2	0.13	4	5.6	4.9
STD DS8	Standard	14	117	0.60	266	0.118	3	0.90	0.093	0.42	2.8	0.21	2.3	5.0	0.12	4	5.2	4.7
STD DS8	Standard	14	119	0.56	293	0.119	2	0.97	0.125	0.43	3.1	0.22	2.2	5.7	0.10	5	5.4	4.9
STD DS8	Standard	15	117	0.56	287	0.122	3	0.97	0.102	0.44	3.0	0.19	2.4	5.5	0.16	5	4.9	4.9
STD DS8	Standard	13	111	0.53	277	0.107	2	0.92	0.118	0.40	2.8	0.19	2.2	5.1	0.14	4	4.2	4.7
STD DS8	Standard	14	110	0.54	290	0.114	2	0.94	0.111	0.44	3.2	0.20	2.3	5.4	0.18	5	5.7	5.0
STD DS8	Standard	13	106	0.55	252	0.096	3	0.78	0.081	0.37	2.9	0.18	1.9	5.0	0.14	4	5.9	4.5
STD DS8	Standard	12	108	0.54	253	0.096	3	0.80	0.086	0.37	2.9	0.20	1.9	5.0	0.12	4	5.6	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: July 31, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11000421.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 231

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	231	Dry at 60C			VAN
SS80	231	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	231	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011831	Soil	1.0	31.4	10.1	69	0.1	21.6	13.4	514	2.87	6.2	0.6	10.1	2.3	26	0.1	0.3	0.2	68	0.44	0.052
1011829	Soil	0.9	26.3	6.3	60	0.1	22.2	13.2	428	2.73	4.4	0.5	3.0	1.9	33	0.2	0.2	0.1	68	0.46	0.050
1013550	Soil	1.2	21.6	8.3	51	0.2	19.8	9.6	272	2.85	5.6	0.5	4.4	2.2	18	0.1	0.2	0.2	76	0.19	0.023
1011761	Soil	1.3	35.1	10.7	65	0.2	17.3	11.1	348	2.97	6.8	2.0	6.4	2.3	21	0.2	0.3	0.2	60	0.27	0.061
1013547	Soil	0.3	49.2	2.2	70	<0.1	20.6	17.9	529	3.39	0.9	0.4	1.6	1.4	80	<0.1	<0.1	<0.1	71	1.16	0.102
1013548	Soil	0.6	31.6	4.2	83	<0.1	43.2	19.6	599	3.95	4.8	0.3	4.8	2.1	36	0.1	0.2	<0.1	83	0.45	0.080
1011832	Soil	1.3	29.6	8.7	45	0.3	19.0	7.9	247	2.52	5.0	1.0	5.9	2.7	27	0.1	0.3	0.2	56	0.34	0.035
1013549	Soil	0.8	32.6	5.7	79	<0.1	30.7	18.2	587	3.48	4.0	0.5	3.5	1.9	39	0.2	0.2	<0.1	78	0.55	0.073
1028550	Soil	0.8	38.0	5.2	69	0.1	22.8	16.6	520	3.06	4.5	0.5	1.8	2.0	34	0.1	0.2	0.8	74	0.47	0.067
1028549	Soil	0.7	33.0	5.5	73	<0.1	22.8	17.1	650	3.15	4.4	0.5	4.1	1.9	37	0.2	0.2	0.1	75	0.51	0.067
1028546	Soil	0.9	25.0	5.6	55	<0.1	22.6	11.0	282	3.09	8.2	0.4	2.1	2.1	26	0.1	0.2	0.2	82	0.41	0.112
1028544	Soil	0.8	27.0	6.9	60	<0.1	23.9	12.2	320	2.89	8.5	0.6	4.3	3.4	24	<0.1	0.4	0.1	68	0.28	0.047
1028547	Soil	0.5	30.8	4.5	56	<0.1	20.2	13.0	321	2.71	3.6	0.4	3.4	1.6	42	<0.1	0.2	<0.1	73	0.43	0.055
1028548	Soil	0.7	21.8	5.9	52	0.1	17.8	9.4	224	2.29	4.1	0.4	2.8	1.8	23	0.2	0.1	0.1	65	0.28	0.032
1028545	Soil	0.8	30.9	6.8	61	<0.1	24.0	12.5	357	2.93	8.5	0.8	3.4	3.9	28	<0.1	0.4	0.1	66	0.31	0.037
1011770	Soil	20.6	79.9	30.0	97	0.1	51.4	17.9	442	5.47	74.3	1.1	4.0	9.7	15	0.2	2.6	0.2	59	0.17	0.053
1053980	Soil	1.0	24.2	15.7	76	<0.1	13.1	10.9	570	3.83	7.7	1.3	3.2	10.4	16	0.1	0.9	0.1	59	0.36	0.046
1011753	Soil	1.2	45.7	8.8	71	0.2	29.6	17.1	612	3.49	6.0	2.9	3.4	8.0	40	0.1	0.3	0.1	70	0.71	0.073
1053977	Soil	0.8	23.6	64.3	339	<0.1	19.4	14.3	685	4.19	6.5	0.4	3.1	3.1	23	0.4	0.4	0.1	105	0.36	0.030
1053982	Soil	2.2	17.4	8.8	89	<0.1	9.2	13.5	959	5.27	32.5	0.8	2.2	4.1	8	0.2	3.2	0.2	76	0.12	0.054
1011755	Soil	1.1	48.2	6.1	77	<0.1	21.6	14.4	530	3.24	5.4	0.9	3.3	5.6	25	0.1	0.3	0.1	68	0.44	0.087
1011754	Soil	1.0	40.5	6.5	76	<0.1	26.8	13.9	468	3.56	6.4	2.0	3.1	8.9	24	<0.1	0.3	0.2	72	0.34	0.059
1053983	Soil	0.3	14.3	4.2	71	<0.1	16.8	18.0	824	4.38	2.7	0.9	3.7	10.4	17	<0.1	0.7	<0.1	77	0.61	0.050
1011752	Soil	1.1	30.2	9.0	58	0.1	22.1	10.4	323	3.02	6.2	1.5	3.9	5.0	22	<0.1	0.3	0.2	69	0.26	0.048
1011771	Soil	1.0	19.2	8.6	54	<0.1	24.3	12.0	233	2.80	11.0	0.5	3.7	2.8	16	0.1	0.6	0.2	64	0.18	0.030
1011759	Soil	1.0	25.8	7.2	52	0.1	14.0	7.7	242	2.32	5.8	1.3	3.4	1.5	19	0.1	0.3	0.1	54	0.27	0.043
1011760	Soil	1.1	36.2	10.4	54	0.2	15.6	8.3	281	2.52	5.5	1.8	5.3	1.2	20	0.1	0.3	0.2	57	0.28	0.064
1011757	Soil	1.2	35.0	9.6	67	0.2	20.3	11.1	400	3.21	7.7	1.6	6.5	3.1	21	0.1	0.4	0.2	71	0.33	0.058
1011758	Soil	1.2	30.1	8.0	66	0.1	17.9	11.1	393	2.96	6.3	1.2	2.9	3.7	20	0.1	0.3	0.1	67	0.31	0.055
1011756	Soil	1.2	42.9	7.8	62	0.2	18.5	10.3	331	2.83	5.7	1.4	4.2	1.9	26	0.1	0.3	0.2	64	0.40	0.068

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Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011831	Soil	8	35	0.89	261	0.097	2	1.83	0.015	0.12	0.2	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
1011829	Soil	7	34	0.95	249	0.116	1	1.82	0.011	0.14	0.3	0.03	2.3	<0.1	<0.05	6	0.6	<0.2
1013550	Soil	8	39	0.76	123	0.105	2	2.05	0.008	0.09	0.2	0.03	2.3	<0.1	<0.05	7	<0.5	<0.2
1011761	Soil	26	29	0.64	239	0.078	2	1.84	0.009	0.12	0.1	0.05	3.0	0.1	<0.05	6	<0.5	<0.2
1013547	Soil	4	16	1.32	517	0.224	<1	3.31	0.013	0.77	<0.1	<0.01	1.2	0.1	<0.05	8	<0.5	<0.2
1013548	Soil	6	47	1.58	300	0.224	1	3.04	0.011	0.49	0.3	0.02	2.1	0.2	<0.05	8	<0.5	<0.2
1011832	Soil	12	33	0.57	274	0.083	3	1.63	0.011	0.09	0.2	0.05	2.9	<0.1	<0.05	6	<0.5	<0.2
1013549	Soil	6	40	1.41	337	0.175	1	2.28	0.013	0.33	0.2	0.04	2.5	0.1	<0.05	7	<0.5	<0.2
1028550	Soil	7	38	1.11	340	0.151	1	2.00	0.014	0.23	0.2	0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1028549	Soil	6	34	1.15	315	0.142	2	1.90	0.012	0.21	0.2	0.02	2.4	<0.1	<0.05	7	<0.5	<0.2
1028546	Soil	7	48	0.90	262	0.141	2	1.99	0.010	0.23	0.3	0.01	2.2	0.2	<0.05	7	0.5	<0.2
1028544	Soil	10	36	0.80	299	0.115	2	1.91	0.011	0.13	0.2	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1028547	Soil	6	32	1.01	405	0.154	1	1.78	0.013	0.30	0.2	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1028548	Soil	7	29	0.77	213	0.122	<1	1.56	0.010	0.11	0.2	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1028545	Soil	12	36	0.78	332	0.101	1	1.93	0.013	0.10	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1011770	Soil	18	36	0.65	194	0.034	1	2.04	0.008	0.07	0.1	0.04	3.9	0.1	<0.05	5	1.9	0.4
1053980	Soil	20	20	0.31	211	0.016	<1	1.44	0.005	0.07	<0.1	0.06	7.4	0.1	<0.05	5	<0.5	<0.2
1011753	Soil	29	49	1.06	332	0.123	2	2.23	0.012	0.17	0.1	0.04	4.6	0.2	<0.05	7	0.6	<0.2
1053977	Soil	7	34	1.66	336	0.200	<1	2.85	0.010	0.31	0.1	0.02	4.6	0.2	<0.05	9	<0.5	<0.2
1053982	Soil	8	18	0.19	163	0.014	<1	1.04	0.004	0.09	0.1	0.11	7.3	0.3	<0.05	5	<0.5	<0.2
1011755	Soil	16	32	0.86	201	0.136	1	1.76	0.014	0.19	0.2	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1011754	Soil	23	42	0.96	234	0.146	1	2.04	0.010	0.22	0.1	0.04	3.5	0.2	<0.05	7	<0.5	<0.2
1053983	Soil	25	27	1.44	382	0.143	2	2.26	0.007	0.31	<0.1	0.05	7.6	0.3	<0.05	8	<0.5	<0.2
1011752	Soil	26	43	0.80	175	0.129	2	1.93	0.010	0.14	0.1	0.04	3.0	0.2	<0.05	7	<0.5	<0.2
1011771	Soil	8	34	0.52	223	0.065	2	2.37	0.009	0.06	0.2	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1011759	Soil	12	24	0.53	210	0.071	2	1.44	0.010	0.07	0.1	0.03	2.2	0.1	<0.05	5	<0.5	<0.2
1011760	Soil	19	27	0.53	284	0.068	<1	1.70	0.010	0.12	0.1	0.05	2.9	0.1	<0.05	6	<0.5	<0.2
1011757	Soil	13	33	0.74	256	0.099	2	2.02	0.010	0.12	0.2	0.04	3.4	0.2	<0.05	6	0.7	<0.2
1011758	Soil	13	29	0.73	209	0.110	2	1.77	0.009	0.13	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1011756	Soil	20	30	0.68	346	0.073	1	1.84	0.011	0.11	0.1	0.05	3.6	0.2	<0.05	6	0.6	<0.2

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011777	Soil	2.3	28.8	6.4	81	0.1	16.0	14.3	340	4.14	9.2	0.6	2.8	3.3	24	<0.1	0.3	<0.1	96	0.33	0.065
1011780	Soil	1.0	23.1	8.1	74	<0.1	22.3	12.7	395	3.22	7.5	0.7	5.0	3.8	33	0.1	0.5	0.1	71	0.55	0.067
1011779	Soil	0.9	24.2	6.6	75	<0.1	17.1	11.7	446	3.11	6.2	0.6	4.7	3.8	28	0.1	0.4	<0.1	64	0.50	0.083
1011782	Soil	0.7	28.1	7.6	64	<0.1	22.1	10.9	389	2.67	8.0	0.9	4.6	3.5	32	0.2	0.5	0.1	59	0.50	0.065
1011778	Soil	0.9	20.0	7.7	69	0.1	16.9	12.3	345	3.30	8.0	0.6	3.0	2.8	24	<0.1	0.4	0.1	74	0.39	0.068
1053974	Soil	0.9	28.9	8.3	77	<0.1	26.9	13.2	342	3.28	8.6	0.5	2.2	4.0	14	0.1	0.5	0.4	80	0.14	0.018
1053973	Soil	0.5	31.5	7.8	149	<0.1	25.3	19.2	503	4.38	2.5	0.3	1.3	2.4	9	0.2	0.1	0.2	101	0.17	0.029
1053972	Soil	0.6	34.1	5.2	57	<0.1	23.3	16.0	361	3.40	5.1	0.4	1.7	2.2	27	<0.1	0.3	0.2	84	0.32	0.028
1011751	Soil	0.6	21.6	6.3	65	<0.1	22.3	10.7	275	2.55	2.9	1.1	2.0	7.0	27	0.1	0.2	0.2	52	0.34	0.067
1011781	Soil	0.4	18.0	4.7	92	<0.1	34.7	26.5	782	4.12	5.4	0.6	2.2	2.4	33	<0.1	0.3	0.1	156	0.73	0.089
1053978	Soil	1.4	18.2	15.8	85	<0.1	19.5	10.5	296	3.37	9.9	0.5	3.1	4.9	14	0.3	0.6	0.2	63	0.14	0.035
1053981	Soil	1.7	14.4	17.0	73	<0.1	11.9	8.5	643	3.02	7.2	1.2	1.5	10.4	15	0.2	1.0	0.2	45	0.23	0.023
1053979	Soil	0.7	14.3	7.2	69	<0.1	16.0	15.9	579	3.77	5.1	0.6	1.9	5.3	24	<0.1	0.3	0.1	78	0.32	0.032
1053975	Soil	0.3	30.1	5.5	109	<0.1	18.5	8.0	404	2.83	3.8	0.5	0.7	3.6	14	0.1	0.2	<0.1	43	0.15	0.021
1053976	Soil	0.6	20.9	6.5	82	<0.1	14.7	13.2	472	3.58	6.9	0.4	1.4	2.4	17	0.1	0.4	0.1	93	0.25	0.035
1011764	Soil	0.8	19.2	9.9	55	0.1	13.1	7.7	224	2.47	4.9	1.1	2.2	2.5	19	<0.1	0.3	0.2	49	0.24	0.052
1011763	Soil	1.0	24.6	10.9	63	0.1	15.1	8.9	263	2.73	5.0	1.6	3.2	3.2	21	<0.1	0.2	0.2	56	0.29	0.057
1011762	Soil	1.0	22.6	8.9	62	0.1	14.2	10.8	337	2.78	5.4	1.3	6.1	3.9	19	<0.1	0.3	0.1	58	0.24	0.058
1013536	Soil	1.1	28.6	10.3	48	0.2	32.3	10.6	303	2.62	4.7	0.4	1.0	1.4	27	0.2	0.3	0.1	75	0.35	0.041
1013540	Soil	1.3	31.9	22.9	71	0.2	29.8	14.7	582	3.20	7.5	0.6	3.0	2.7	27	0.2	0.3	0.2	80	0.29	0.038
1011769	Soil	19.1	72.4	27.4	88	0.1	47.0	16.5	389	4.99	64.7	1.0	3.1	8.9	15	0.1	2.3	0.2	56	0.14	0.047
1011768	Soil	1.1	25.9	8.9	54	<0.1	18.6	10.5	322	2.73	10.0	2.5	1.7	3.4	21	<0.1	0.5	0.2	61	0.25	0.039
1011767	Soil	1.2	32.4	6.1	89	<0.1	31.1	17.7	786	5.01	5.8	1.9	3.3	3.2	35	<0.1	1.4	0.1	93	0.54	0.084
1011766	Soil	1.2	16.8	8.3	67	<0.1	14.6	17.7	788	2.98	7.3	1.0	4.0	2.9	20	0.1	0.3	0.1	61	0.25	0.059
1011765	Soil	1.0	20.2	12.6	56	0.1	12.9	8.8	285	2.63	5.4	1.3	1.4	2.0	22	0.1	0.3	0.2	54	0.26	0.053
1011775	Soil	0.9	21.5	8.2	77	<0.1	17.6	14.4	573	3.52	9.3	0.4	3.6	1.1	21	0.2	0.3	0.1	76	0.27	0.070
1011776	Soil	0.9	28.1	7.1	74	<0.1	17.0	14.1	494	3.38	16.0	0.6	2.2	2.7	29	0.1	0.5	0.1	74	0.42	0.058
1011772	Soil	0.9	18.9	7.9	52	0.1	20.0	10.3	325	2.79	9.3	0.4	2.7	2.1	20	<0.1	0.6	0.1	62	0.20	0.036
1011774	Soil	0.6	38.9	8.1	88	<0.1	17.2	14.6	505	4.03	6.8	0.7	2.0	3.0	29	<0.1	0.3	<0.1	90	0.37	0.055
1011773	Soil	1.3	20.3	9.6	56	<0.1	23.2	11.2	335	2.94	10.2	0.7	2.6	1.8	20	<0.1	0.4	0.2	60	0.23	0.049

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Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011777	Soil	10	28	0.95	240	0.174	1	2.30	0.016	0.30	<0.1	0.02	4.0	0.1	<0.05	8	0.5	<0.2
1011780	Soil	13	36	0.82	287	0.108	1	1.81	0.020	0.06	0.2	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1011779	Soil	15	26	0.77	285	0.106	2	1.58	0.017	0.11	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1011782	Soil	13	31	0.60	279	0.079	2	1.58	0.018	0.06	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1011778	Soil	10	28	0.82	266	0.101	2	2.03	0.014	0.10	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1053974	Soil	7	51	0.88	256	0.151	2	2.27	0.014	0.09	0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1053973	Soil	4	61	2.13	455	0.306	2	3.18	0.013	0.95	<0.1	0.01	2.3	0.3	<0.05	8	<0.5	<0.2
1053972	Soil	5	47	1.03	141	0.182	1	2.19	0.027	0.05	<0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1011751	Soil	20	40	0.89	165	0.142	2	1.79	0.013	0.26	0.1	0.03	2.7	0.2	<0.05	5	<0.5	<0.2
1011781	Soil	8	77	3.36	500	0.219	2	3.16	0.023	0.89	<0.1	0.01	9.4	0.2	<0.05	11	<0.5	<0.2
1053978	Soil	9	35	0.56	162	0.076	2	2.15	0.010	0.09	0.2	0.03	2.7	<0.1	<0.05	6	<0.5	<0.2
1053981	Soil	14	21	0.32	233	0.031	<1	1.21	0.006	0.08	0.1	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1053979	Soil	23	29	1.37	365	0.173	<1	2.41	0.011	0.32	<0.1	0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1053975	Soil	7	36	0.82	164	0.137	1	1.79	0.010	0.41	<0.1	<0.01	2.5	0.2	<0.05	6	<0.5	<0.2
1053976	Soil	6	25	1.22	329	0.171	<1	2.39	0.013	0.31	0.1	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1011764	Soil	11	24	0.57	180	0.091	1	1.61	0.011	0.08	0.1	0.04	2.7	0.1	<0.05	5	<0.5	<0.2
1011763	Soil	15	27	0.67	238	0.103	2	1.78	0.013	0.10	0.1	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1011762	Soil	12	27	0.70	159	0.119	<1	1.66	0.011	0.11	0.2	0.03	2.5	0.1	<0.05	5	<0.5	<0.2
1013536	Soil	6	75	0.80	255	0.142	<1	1.56	0.012	0.12	0.2	0.03	2.0	0.1	<0.05	7	<0.5	<0.2
1013540	Soil	9	54	0.90	293	0.136	<1	2.16	0.012	0.10	0.3	0.03	2.9	0.1	<0.05	7	<0.5	<0.2
1011769	Soil	17	33	0.62	178	0.034	2	1.86	0.008	0.06	0.1	0.04	3.7	<0.1	<0.05	5	1.4	0.3
1011768	Soil	15	30	0.61	230	0.072	<1	1.73	0.010	0.05	0.2	0.04	4.1	0.1	<0.05	5	<0.5	<0.2
1011767	Soil	14	77	1.31	420	0.113	<1	2.37	0.017	0.21	0.1	0.05	8.4	0.1	<0.05	8	<0.5	<0.2
1011766	Soil	10	23	0.63	151	0.087	<1	1.67	0.010	0.07	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1011765	Soil	11	24	0.62	183	0.095	<1	1.57	0.012	0.08	0.1	0.04	2.4	<0.1	<0.05	5	<0.5	<0.2
1011775	Soil	8	26	0.69	148	0.070	<1	2.04	0.011	0.07	0.1	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
1011776	Soil	10	28	0.81	226	0.101	<1	1.93	0.017	0.06	0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1011772	Soil	8	28	0.52	168	0.074	<1	1.88	0.010	0.06	0.2	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1011774	Soil	14	26	1.15	256	0.131	<1	2.28	0.015	0.17	<0.1	0.02	6.0	0.1	<0.05	7	<0.5	<0.2
1011773	Soil	15	30	0.51	216	0.057	<1	1.98	0.010	0.06	0.1	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011837	Soil	2.0	16.4	7.9	52	<0.1	17.4	8.5	276	2.64	6.3	1.1	3.5	5.1	20	0.1	0.3	0.2	59	0.24	0.028
1011839	Soil	1.2	16.2	6.8	49	<0.1	15.6	9.6	328	2.60	6.6	1.2	1.2	4.3	23	<0.1	0.3	0.1	60	0.29	0.040
1011840	Soil	2.7	17.0	7.9	48	0.2	17.3	10.9	463	2.75	8.3	0.8	1.6	4.3	23	0.1	0.3	0.2	63	0.28	0.056
1011838	Soil	1.6	15.8	7.6	53	<0.1	17.2	12.5	597	2.70	6.5	1.4	1.4	5.2	23	0.2	0.3	0.2	59	0.30	0.061
1011835	Soil	1.1	27.0	6.1	55	0.2	17.3	10.7	389	2.32	4.5	1.0	4.5	2.3	31	0.1	0.2	0.1	53	0.51	0.054
1013543	Soil	0.9	23.9	6.4	51	<0.1	20.1	10.7	324	2.48	6.2	0.5	2.3	2.3	24	<0.1	0.2	0.1	62	0.27	0.052
1013544	Soil	0.7	28.2	6.1	46	<0.1	19.2	11.1	259	2.42	5.8	0.5	3.9	2.6	23	<0.1	0.2	0.1	59	0.27	0.044
1028543	Soil	0.5	26.8	4.7	53	<0.1	20.7	11.7	274	2.38	4.5	0.5	12.8	2.4	28	<0.1	0.2	<0.1	58	0.32	0.051
1013545	Soil	0.5	27.5	4.8	53	<0.1	20.7	11.5	280	2.40	4.3	0.4	2.3	2.4	27	<0.1	0.2	0.1	58	0.31	0.052
1011830	Soil	0.7	37.9	11.7	53	0.2	17.7	11.9	406	2.47	4.5	0.8	2.0	2.3	35	0.1	0.2	0.2	58	0.42	0.045
1013538	Soil	0.8	35.5	6.2	75	<0.1	33.1	17.4	496	3.12	5.7	0.4	1.9	2.2	28	0.1	0.2	0.1	71	0.39	0.079
1013535	Soil	0.9	32.9	6.0	68	0.1	25.8	15.8	582	2.95	4.3	0.6	2.3	1.8	32	0.2	0.2	0.1	72	0.40	0.051
1013539	Soil	0.9	36.3	10.1	69	0.1	29.3	15.7	420	2.93	4.7	0.5	2.0	2.2	28	0.2	0.2	0.1	71	0.38	0.054
1013541	Soil	1.2	35.1	8.5	66	0.1	31.7	13.4	335	3.06	7.9	0.6	12.5	2.5	21	0.1	0.3	0.1	72	0.27	0.054
1013542	Soil	0.9	16.4	5.5	45	0.1	24.6	8.0	191	2.20	5.5	0.3	4.2	1.4	19	<0.1	0.2	0.1	65	0.25	0.041
1011133	Soil	0.4	6.7	4.7	98	<0.1	6.9	12.3	756	4.91	4.0	0.5	<0.5	2.0	302	<0.1	0.3	<0.1	112	0.81	0.168
1011146	Soil	0.5	11.5	7.5	105	<0.1	11.4	12.8	793	4.36	5.3	0.5	1.0	2.5	33	<0.1	0.4	<0.1	75	0.65	0.197
1011129	Soil	0.4	6.3	4.7	99	<0.1	7.2	13.0	936	4.13	2.4	0.4	<0.5	1.5	77	<0.1	0.3	<0.1	86	0.70	0.213
1011128	Soil	0.6	8.9	5.1	92	<0.1	10.5	11.1	633	3.56	5.3	0.3	0.8	1.7	44	<0.1	0.3	<0.1	67	0.54	0.169
1011150	Soil	0.3	6.7	2.8	78	<0.1	8.7	9.7	548	3.02	3.3	0.3	0.9	1.2	27	<0.1	0.2	<0.1	71	0.67	0.207
1011132	Soil	0.4	6.6	3.2	77	<0.1	7.5	10.0	598	3.15	3.5	0.4	<0.5	1.6	33	<0.1	0.2	<0.1	71	0.64	0.203
1011134	Soil	0.5	16.2	7.1	53	0.1	13.2	9.6	947	3.20	4.1	0.7	3.4	3.0	65	<0.1	0.3	<0.1	27	1.74	0.110
1011130	Soil	0.5	6.6	4.5	87	<0.1	8.8	10.9	626	3.47	4.6	0.3	<0.5	1.2	48	<0.1	0.2	<0.1	76	0.59	0.191
1030876	Soil	0.8	37.3	6.4	48	<0.1	14.1	8.7	343	2.49	6.5	1.3	1.8	4.1	38	<0.1	0.3	<0.1	59	0.35	0.052
1030875	Soil	0.3	20.3	2.7	74	<0.1	7.0	9.3	498	3.19	1.7	0.3	0.7	1.1	89	<0.1	<0.1	<0.1	65	0.63	0.174
1011833	Soil	1.2	39.4	7.0	58	0.3	20.1	12.2	469	2.68	5.3	1.2	4.1	2.3	29	0.1	0.2	0.1	63	0.55	0.053
1011836	Soil	2.4	11.2	8.6	47	<0.1	13.2	7.3	212	2.74	8.2	0.7	2.4	3.0	14	0.2	0.2	0.2	65	0.14	0.038
1011834	Soil	1.4	31.4	6.0	54	0.2	17.3	12.3	417	2.58	4.3	0.8	3.8	2.1	29	<0.1	0.2	0.1	61	0.56	0.046
1011148	Soil	0.8	6.9	5.3	94	<0.1	10.7	11.1	605	3.56	6.1	0.4	1.1	1.6	39	<0.1	0.3	<0.1	69	0.55	0.158
1011131	Soil	0.7	8.0	5.0	94	<0.1	12.5	12.0	722	3.85	6.1	0.4	0.7	1.6	41	<0.1	0.2	<0.1	82	0.67	0.178

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011837	Soil		16	29	0.52	281	0.078	<1	1.80	0.009	0.07	0.2	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1011839	Soil		15	25	0.60	273	0.099	<1	1.58	0.010	0.08	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1011840	Soil		15	26	0.50	240	0.082	<1	1.65	0.010	0.11	0.2	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1011838	Soil		17	32	0.57	324	0.077	1	1.74	0.011	0.09	0.2	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1011835	Soil		11	27	0.73	268	0.091	<1	1.53	0.012	0.09	0.2	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1013543	Soil		8	34	0.71	201	0.111	<1	1.63	0.012	0.10	0.5	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1013544	Soil		8	33	0.74	214	0.113	<1	1.67	0.012	0.11	0.2	0.02	2.1	0.1	<0.05	5	<0.5	<0.2
1028543	Soil		8	34	0.87	237	0.134	<1	1.66	0.014	0.18	0.2	<0.01	2.2	0.1	<0.05	5	<0.5	<0.2
1013545	Soil		8	33	0.87	244	0.133	<1	1.68	0.015	0.18	0.2	0.01	2.1	0.1	<0.05	5	<0.5	<0.2
1011830	Soil		8	27	0.78	238	0.098	<1	1.60	0.011	0.10	0.2	0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1013538	Soil		6	52	1.15	283	0.124	<1	2.14	0.014	0.18	0.3	0.03	2.6	0.1	<0.05	7	<0.5	<0.2
1013535	Soil		7	46	0.91	342	0.109	2	1.81	0.012	0.18	0.2	0.02	2.5	<0.1	<0.05	7	<0.5	<0.2
1013539	Soil		7	52	1.05	324	0.124	1	1.88	0.014	0.17	0.2	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1013541	Soil		8	54	0.88	238	0.087	1	2.00	0.011	0.09	0.3	0.03	2.6	0.1	<0.05	7	<0.5	<0.2
1013542	Soil		5	50	0.68	179	0.112	<1	1.28	0.011	0.08	0.3	0.02	1.7	0.1	<0.05	6	<0.5	<0.2
1011133	Soil		10	12	1.25	584	0.093	<1	3.11	0.017	0.25	<0.1	<0.01	6.1	0.1	<0.05	12	<0.5	<0.2
1011146	Soil		9	18	1.09	380	0.049	<1	2.23	0.012	0.23	0.1	0.02	6.6	<0.1	<0.05	9	<0.5	<0.2
1011129	Soil		7	11	1.33	277	0.117	<1	2.18	0.013	0.20	<0.1	<0.01	3.9	<0.1	<0.05	9	<0.5	<0.2
1011128	Soil		5	15	0.97	224	0.086	<1	2.02	0.015	0.12	<0.1	0.02	3.0	<0.1	<0.05	8	<0.5	<0.2
1011150	Soil		3	12	1.06	398	0.165	<1	1.77	0.016	0.79	<0.1	<0.01	2.5	0.2	<0.05	6	<0.5	<0.2
1011132	Soil		5	13	1.01	367	0.140	1	1.78	0.014	0.70	<0.1	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1011134	Soil		20	13	0.20	1095	0.008	<1	1.01	0.009	0.12	0.2	0.03	5.8	<0.1	<0.05	3	0.6	<0.2
1011130	Soil		3	15	1.05	305	0.143	<1	1.91	0.014	0.49	0.1	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1030876	Soil		16	25	0.61	242	0.093	2	1.51	0.014	0.11	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1030875	Soil		4	11	0.97	247	0.133	<1	1.98	0.021	0.73	<0.1	0.02	1.9	0.2	<0.05	8	<0.5	<0.2
1011833	Soil		11	30	0.82	283	0.083	1	1.66	0.013	0.10	0.1	0.04	3.4	<0.1	0.07	5	<0.5	<0.2
1011836	Soil		9	27	0.45	150	0.060	1	1.66	0.007	0.09	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1011834	Soil		8	29	0.87	255	0.098	<1	1.48	0.012	0.10	0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1011148	Soil		4	17	1.00	256	0.094	<1	1.93	0.013	0.22	0.1	0.01	2.9	<0.1	<0.05	8	<0.5	<0.2
1011131	Soil		4	18	1.08	315	0.143	1	2.14	0.017	0.24	<0.1	<0.01	2.7	<0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011127	Soil		0.6	10.8	5.5	86	<0.1	10.8	10.3	587	3.40	4.5	0.4	0.5	2.1	68	<0.1	0.3	<0.1	72	0.60	0.174
1011147	Soil		0.6	11.0	7.2	97	<0.1	12.4	12.2	737	4.09	5.6	0.4	<0.5	2.5	35	<0.1	0.3	<0.1	72	0.61	0.179
1030874	Soil		0.5	18.3	4.9	59	<0.1	11.8	9.2	418	2.64	4.0	0.6	3.6	1.9	61	<0.1	0.2	<0.1	59	0.59	0.123
1030872	Soil		0.7	9.7	3.8	93	<0.1	10.0	13.0	755	3.68	4.5	0.5	0.8	1.9	68	<0.1	0.3	<0.1	67	0.86	0.223
1030873	Soil		0.4	9.8	5.6	60	<0.1	9.6	8.2	446	2.52	3.1	0.3	<0.5	1.4	49	<0.1	0.1	<0.1	58	0.44	0.111
1020582	Soil		0.5	11.8	3.5	97	<0.1	12.7	12.2	736	3.46	5.1	0.4	1.8	1.5	30	<0.1	0.3	<0.1	65	0.71	0.208
1011138	Soil		0.4	5.4	4.4	92	<0.1	8.6	10.7	651	3.61	4.7	0.3	<0.5	0.9	37	<0.1	0.2	<0.1	73	0.60	0.196
1020579	Soil		0.4	7.5	4.6	97	<0.1	10.8	12.1	796	3.94	5.4	0.3	<0.5	1.4	58	<0.1	0.4	<0.1	81	0.89	0.228
1011135	Soil		0.7	8.0	5.2	100	<0.1	10.9	12.7	776	4.04	5.5	0.4	1.1	1.5	33	<0.1	0.3	<0.1	90	0.65	0.190
1011137	Soil		0.1	6.0	3.0	90	<0.1	6.3	10.6	714	3.57	3.6	0.3	<0.5	1.0	87	<0.1	0.2	<0.1	77	1.04	0.199
1020581	Soil		0.7	18.8	8.3	77	<0.1	15.6	10.2	549	3.42	6.0	0.6	3.4	3.5	32	<0.1	0.5	0.1	60	0.54	0.100
1011139	Soil		0.5	6.2	3.9	99	<0.1	9.4	13.0	656	3.79	3.9	0.2	<0.5	0.9	28	<0.1	0.2	<0.1	83	0.55	0.188
1011136	Soil		0.6	7.0	4.9	79	<0.1	9.4	9.6	598	3.25	5.8	0.3	<0.5	1.7	71	<0.1	0.2	<0.1	69	0.78	0.151
1011149	Soil		0.5	7.6	26.2	68	<0.1	9.8	8.1	472	2.80	4.7	0.5	<0.5	5.3	25	<0.1	0.4	0.3	50	0.37	0.067
1020580	Soil		0.6	6.2	20.3	32	<0.1	9.7	4.8	260	1.40	5.1	0.6	<0.5	6.1	16	<0.1	0.3	0.5	29	0.22	0.025
1031674	Soil		0.3	3.5	2.1	101	<0.1	6.0	11.0	727	3.42	2.7	0.2	<0.5	0.8	35	<0.1	0.2	0.2	72	0.78	0.218
1031690	Soil		0.5	6.4	4.0	98	<0.1	11.1	11.5	696	3.48	5.2	0.4	0.6	1.7	32	<0.1	0.2	0.2	75	0.62	0.171
1031679	Soil		0.6	6.5	5.1	91	<0.1	9.9	10.8	594	3.84	5.7	0.3	1.4	1.7	39	<0.1	0.3	0.1	79	0.59	0.196
1031675	Soil		0.4	3.6	2.5	83	<0.1	6.9	11.2	681	3.72	2.8	0.2	<0.5	1.0	35	<0.1	0.1	<0.1	88	0.75	0.225
1031686	Soil		0.4	16.3	3.5	79	<0.1	12.2	10.0	523	3.06	5.2	0.6	1.9	2.0	39	<0.1	0.3	0.1	61	0.70	0.182
1011144	Soil		0.3	4.8	4.1	69	<0.1	5.4	8.7	878	3.55	1.8	0.6	1.0	4.2	30	<0.1	0.2	<0.1	60	0.53	0.176
1031680	Soil		0.3	4.5	2.3	91	<0.1	6.8	10.2	505	3.18	1.7	0.3	0.7	1.0	33	<0.1	0.1	<0.1	69	0.78	0.202
1031685	Soil		0.7	7.9	5.0	75	<0.1	11.9	9.2	458	2.85	5.5	0.3	<0.5	1.6	22	<0.1	0.3	<0.1	66	0.38	0.121
1031677	Soil		0.5	5.7	4.0	103	<0.1	9.4	11.8	682	3.86	4.3	0.3	<0.5	1.4	61	<0.1	0.2	<0.1	77	0.86	0.203
1031689	Soil		0.4	3.4	2.5	81	<0.1	5.8	9.8	615	3.00	2.5	0.3	<0.5	0.8	38	<0.1	0.1	<0.1	64	0.79	0.226
1011145	Soil		0.5	5.9	4.7	66	<0.1	11.0	9.5	493	2.79	3.9	0.2	0.7	1.6	35	<0.1	0.3	<0.1	59	0.44	0.087
1011143	Soil		0.5	10.0	4.9	90	<0.1	9.6	10.6	604	3.34	4.9	0.4	0.7	1.6	46	<0.1	0.3	<0.1	61	0.81	0.235
1011140	Soil		0.5	7.4	4.7	75	<0.1	10.7	10.8	535	3.06	4.9	0.3	<0.5	1.6	28	<0.1	0.3	<0.1	71	0.42	0.115
1011142	Soil		0.5	24.7	14.1	78	<0.1	29.5	12.9	545	3.06	5.3	0.4	<0.5	1.8	102	<0.1	0.3	<0.1	63	0.64	0.121
1011141	Soil		0.4	4.5	3.2	83	<0.1	8.8	9.8	570	3.20	3.5	0.4	<0.5	1.3	27	<0.1	0.2	<0.1	68	0.44	0.166

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011127	Soil	6	17	0.94	236	0.112	<1	2.06	0.017	0.25	0.1	0.02	3.0	0.1	<0.05	8	<0.5	<0.2
1011147	Soil	9	19	1.00	404	0.053	1	2.16	0.012	0.22	0.2	0.02	5.4	<0.1	<0.05	9	<0.5	<0.2
1030874	Soil	9	19	0.81	217	0.118	1	1.73	0.017	0.30	0.1	<0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1030872	Soil	7	15	1.13	211	0.113	1	2.11	0.029	0.32	0.1	<0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
1030873	Soil	5	15	0.81	179	0.136	<1	1.58	0.014	0.41	0.2	0.01	1.8	0.1	<0.05	6	<0.5	<0.2
1020582	Soil	6	14	1.24	234	0.100	<1	1.68	0.017	0.34	0.1	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1011138	Soil	3	14	1.12	255	0.125	<1	2.04	0.016	0.48	0.1	<0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1020579	Soil	5	14	1.34	422	0.175	1	2.20	0.025	0.73	0.1	<0.01	4.0	0.1	<0.05	9	<0.5	<0.2
1011135	Soil	4	19	1.26	420	0.111	1	2.21	0.012	0.41	0.1	<0.01	4.9	0.1	<0.05	9	<0.5	<0.2
1011137	Soil	7	8	1.34	432	0.174	<1	2.63	0.013	0.53	0.1	<0.01	2.9	0.1	<0.05	9	<0.5	<0.2
1020581	Soil	14	20	0.76	456	0.065	1	1.75	0.013	0.15	0.3	0.05	4.6	<0.1	<0.05	6	<0.5	<0.2
1011139	Soil	3	14	1.21	422	0.164	1	2.21	0.017	0.62	0.1	<0.01	2.4	0.1	<0.05	8	<0.5	<0.2
1011136	Soil	6	15	0.86	310	0.100	1	2.23	0.022	0.12	0.2	<0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
1011149	Soil	7	15	0.63	275	0.042	<1	1.67	0.010	0.27	0.2	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1020580	Soil	8	16	0.25	232	0.028	1	0.95	0.009	0.14	0.3	0.03	2.2	<0.1	<0.05	3	<0.5	<0.2
1031674	Soil	3	10	1.19	368	0.151	<1	2.02	0.018	0.69	<0.1	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1031690	Soil	4	20	1.17	320	0.147	2	2.12	0.017	0.57	<0.1	0.01	3.6	0.1	<0.05	7	<0.5	<0.2
1031679	Soil	6	16	1.15	519	0.121	<1	2.20	0.011	0.53	<0.1	0.01	3.8	0.1	<0.05	8	<0.5	<0.2
1031675	Soil	3	11	1.33	428	0.160	1	2.32	0.020	0.81	<0.1	<0.01	3.7	0.2	<0.05	8	<0.5	<0.2
1031686	Soil	9	17	0.89	273	0.122	<1	1.57	0.028	0.28	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1011144	Soil	13	8	0.91	206	0.006	1	1.95	0.008	0.08	<0.1	<0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
1031680	Soil	5	10	1.02	520	0.173	<1	1.80	0.031	0.86	<0.1	<0.01	2.3	0.2	<0.05	7	<0.5	<0.2
1031685	Soil	4	19	0.78	341	0.142	<1	1.88	0.017	0.48	0.1	<0.01	2.3	0.1	<0.05	6	<0.5	<0.2
1031677	Soil	6	15	1.19	255	0.110	<1	2.32	0.045	0.18	<0.1	<0.01	4.4	<0.1	<0.05	9	<0.5	<0.2
1031689	Soil	3	10	1.07	206	0.139	<1	1.81	0.019	0.50	<0.1	<0.01	1.7	0.1	<0.05	7	<0.5	<0.2
1011145	Soil	5	17	0.77	354	0.114	1	1.66	0.013	0.37	0.1	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1011143	Soil	7	15	0.95	494	0.109	<1	1.91	0.025	0.25	0.1	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1011140	Soil	5	18	0.97	384	0.180	<1	1.91	0.016	0.51	<0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1011142	Soil	5	46	1.24	250	0.057	<1	2.13	0.022	0.07	<0.1	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1011141	Soil	4	12	1.00	270	0.161	<1	1.88	0.013	0.64	<0.1	<0.01	2.3	0.2	<0.05	7	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031666	Soil	0.3	7.2	2.1	89	<0.1	6.3	10.1	613	3.34	1.9	0.5	<0.5	1.2	36	<0.1	0.2	<0.1	77	0.73	0.192
1031660	Soil	0.4	10.9	3.5	131	<0.1	10.6	12.2	1021	4.22	3.8	0.5	1.5	1.3	40	<0.1	0.9	<0.1	84	0.84	0.265
1031663	Soil	0.4	9.4	2.2	89	<0.1	9.0	8.2	575	3.04	2.0	0.4	62.6	1.1	34	<0.1	0.3	<0.1	58	0.69	0.205
1031662	Soil	0.3	10.3	1.9	97	<0.1	9.5	9.1	615	3.27	2.2	0.3	1.2	1.2	35	<0.1	0.3	<0.1	63	0.75	0.232
1031676	Soil	0.5	3.2	1.8	106	<0.1	6.9	13.2	923	4.66	1.5	0.4	<0.5	1.3	47	<0.1	0.1	<0.1	96	0.94	0.287
1031669	Soil	0.5	13.1	4.0	74	<0.1	10.1	9.1	483	3.16	4.3	1.2	2.2	2.2	50	<0.1	0.3	<0.1	71	0.75	0.177
1031683	Soil	0.3	6.9	3.0	78	<0.1	6.9	11.7	994	4.61	2.1	0.8	1.3	2.6	25	<0.1	0.2	<0.1	112	0.72	0.211
1031665	Soil	0.3	7.3	3.2	96	<0.1	10.2	11.5	688	3.57	3.7	0.3	<0.5	1.5	38	<0.1	0.3	<0.1	73	0.63	0.195
1031668	Soil	0.4	12.9	4.4	73	<0.1	12.2	11.0	501	2.95	5.0	0.4	1.3	2.0	39	<0.1	0.3	<0.1	67	0.60	0.142
1031670	Soil	0.6	7.4	5.7	99	<0.1	11.3	12.6	874	3.63	5.8	0.3	<0.5	1.8	65	<0.1	0.3	<0.1	77	0.72	0.161
1031672	Soil	0.3	3.7	2.3	92	<0.1	6.2	9.9	578	3.51	2.1	0.2	<0.5	0.9	53	<0.1	0.1	<0.1	80	0.69	0.191
1031673	Soil	0.5	6.5	3.8	70	<0.1	11.1	9.8	580	2.90	4.2	0.3	<0.5	2.0	36	<0.1	0.2	<0.1	64	0.49	0.128
1031664	Soil	0.3	6.8	3.0	77	<0.1	9.4	9.8	599	2.91	3.6	0.3	<0.5	1.3	30	<0.1	0.2	<0.1	66	0.62	0.191
1031667	Soil	0.6	15.9	6.4	84	<0.1	12.7	9.7	831	3.73	4.7	1.2	1.6	3.0	36	<0.1	0.5	<0.1	73	0.97	0.091
1031671	Soil	0.3	4.8	3.3	85	<0.1	8.3	10.3	717	3.32	3.7	0.2	<0.5	1.0	46	<0.1	0.2	<0.1	76	0.69	0.195
1031684	Soil	0.4	8.0	3.2	72	<0.1	6.9	9.5	566	2.99	3.5	0.6	1.9	1.7	42	<0.1	0.2	<0.1	70	0.72	0.200
1031678	Soil	0.3	4.0	2.0	98	<0.1	6.0	12.2	757	3.77	1.4	0.2	<0.5	0.7	36	<0.1	<0.1	<0.1	86	0.86	0.244
1031681	Soil	0.4	12.2	5.2	111	<0.1	10.2	12.2	892	4.21	4.6	0.8	1.2	1.8	62	<0.1	0.3	<0.1	69	0.88	0.250
1013798	Soil	0.4	10.4	34.4	58	<0.1	11.4	5.6	912	2.03	3.1	6.3	1.2	55.2	15	<0.1	0.4	2.0	36	0.28	0.058
1013797	Soil	0.4	10.8	44.3	52	<0.1	11.4	5.3	1241	1.79	4.4	7.5	0.9	60.2	9	<0.1	0.4	2.3	25	0.12	0.040
1031661	Soil	0.4	8.7	2.4	115	<0.1	8.6	11.9	809	3.79	1.4	0.4	1.1	1.4	34	<0.1	0.4	<0.1	86	0.83	0.242
1031687	Soil	0.4	5.2	3.2	103	<0.1	7.3	13.0	749	3.91	3.3	0.2	<0.5	1.0	40	<0.1	0.2	<0.1	94	0.78	0.239
1031688	Soil	0.7	7.0	5.2	107	<0.1	10.8	11.5	742	3.11	2.7	0.3	0.9	1.2	42	<0.1	0.3	<0.1	64	0.61	0.170
1031659	Soil	0.5	11.4	6.5	100	<0.1	15.0	12.2	638	3.44	6.1	0.4	0.7	2.4	38	<0.1	0.3	0.1	74	0.55	0.103
1031682	Soil	0.5	9.6	3.8	107	<0.1	11.5	12.1	726	4.15	4.3	0.4	<0.5	1.7	32	<0.1	0.2	<0.1	89	0.72	0.232
1011596	Soil	0.5	11.8	28.6	50	<0.1	11.4	6.5	755	1.94	4.4	7.6	2.5	37.4	16	<0.1	0.4	1.6	41	0.21	0.035
1011598	Soil	0.9	14.3	27.8	54	<0.1	15.7	10.2	956	2.22	6.6	10.4	5.7	24.2	22	0.2	0.4	0.9	49	0.26	0.033
1011599	Soil	0.8	17.3	28.3	57	<0.1	15.3	9.7	645	2.22	6.4	7.3	5.0	27.2	16	0.1	0.4	1.1	48	0.18	0.027
1013788	Soil	0.6	16.0	24.4	58	<0.1	16.6	7.6	744	2.21	7.7	4.3	4.9	37.8	18	0.1	0.4	1.9	45	0.24	0.028
1013786	Soil	0.7	22.3	29.0	66	<0.1	21.3	8.3	773	2.52	7.1	8.6	8.5	53.7	16	0.1	0.5	3.4	53	0.21	0.046

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031666	Soil	8	8	1.18	549	0.196	<1	1.98	0.024	0.82	0.1	<0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1031660	Soil	8	10	1.43	419	0.109	<1	2.21	0.022	0.38	0.2	0.01	6.4	0.1	<0.05	10	<0.5	<0.2
1031663	Soil	8	10	1.09	440	0.170	<1	1.82	0.014	0.56	0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1031662	Soil	8	10	1.22	442	0.196	<1	1.93	0.014	0.59	0.2	0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1031676	Soil	3	9	1.07	455	0.105	<1	2.10	0.018	0.67	<0.1	<0.01	5.5	0.1	<0.05	8	0.5	<0.2
1031669	Soil	11	16	0.97	387	0.172	<1	1.87	0.023	0.40	0.1	0.03	4.6	0.1	<0.05	7	<0.5	<0.2
1031683	Soil	16	10	0.82	632	0.094	<1	1.97	0.011	0.26	<0.1	0.02	12.5	0.1	<0.05	8	<0.5	<0.2
1031665	Soil	4	13	1.22	341	0.181	<1	2.08	0.018	0.60	0.1	<0.01	2.8	0.1	<0.05	8	<0.5	<0.2
1031668	Soil	8	16	0.97	386	0.181	<1	1.82	0.021	0.46	0.1	0.04	3.0	0.1	<0.05	6	<0.5	<0.2
1031670	Soil	6	19	1.11	360	0.170	<1	2.27	0.023	0.23	0.1	0.02	3.1	<0.1	<0.05	9	<0.5	<0.2
1031672	Soil	3	11	1.17	419	0.232	<1	2.18	0.020	0.87	<0.1	<0.01	1.7	0.2	<0.05	8	<0.5	<0.2
1031673	Soil	5	18	0.91	232	0.135	<1	1.90	0.009	0.35	<0.1	<0.01	2.1	<0.1	<0.05	8	<0.5	<0.2
1031664	Soil	4	12	1.02	366	0.199	<1	1.73	0.018	0.76	0.1	<0.01	2.1	0.2	<0.05	6	<0.5	<0.2
1031667	Soil	21	14	0.61	551	0.061	1	1.66	0.011	0.14	0.2	0.03	6.6	<0.1	<0.05	6	<0.5	<0.2
1031671	Soil	3	13	1.06	458	0.213	<1	2.10	0.024	0.71	<0.1	<0.01	2.3	0.1	<0.05	7	<0.5	<0.2
1031684	Soil	9	14	0.93	377	0.179	<1	1.74	0.026	0.46	<0.1	<0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1031678	Soil	3	10	1.29	561	0.182	<1	2.28	0.027	1.01	<0.1	<0.01	2.6	0.2	<0.05	8	<0.5	<0.2
1031681	Soil	11	16	1.13	337	0.078	<1	2.10	0.028	0.11	0.1	0.02	6.0	<0.1	<0.05	9	<0.5	<0.2
1013798	Soil	26	18	0.46	107	0.080	<1	1.00	0.011	0.07	0.3	<0.01	4.0	0.2	<0.05	6	<0.5	<0.2
1013797	Soil	32	11	0.32	111	0.031	<1	0.92	0.008	0.14	0.3	<0.01	4.4	0.5	<0.05	5	<0.5	<0.2
1031661	Soil	5	11	1.29	554	0.202	<1	2.17	0.016	0.87	0.2	<0.01	3.3	0.2	<0.05	8	<0.5	<0.2
1031687	Soil	3	13	1.36	533	0.234	<1	2.30	0.013	0.89	<0.1	<0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1031688	Soil	4	17	0.94	540	0.134	1	1.95	0.014	0.19	<0.1	0.03	1.9	<0.1	<0.05	7	<0.5	<0.2
1031659	Soil	8	26	0.90	440	0.117	<1	2.01	0.015	0.28	0.1	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1031682	Soil	5	17	1.09	519	0.122	<1	2.15	0.014	0.66	<0.1	0.03	5.5	0.1	<0.05	8	<0.5	<0.2
1011596	Soil	24	21	0.34	143	0.067	<1	1.02	0.010	0.08	0.4	0.04	3.2	0.3	<0.05	4	<0.5	<0.2
1011598	Soil	16	27	0.34	190	0.061	<1	1.40	0.010	0.08	0.3	0.07	2.9	0.2	<0.05	5	<0.5	<0.2
1011599	Soil	27	26	0.35	175	0.066	<1	1.47	0.008	0.07	0.2	0.07	3.5	0.2	<0.05	5	<0.5	<0.2
1013788	Soil	17	26	0.43	144	0.059	<1	1.28	0.009	0.11	0.3	0.06	3.8	0.2	<0.05	5	<0.5	<0.2
1013786	Soil	33	30	0.54	117	0.076	<1	1.49	0.011	0.14	0.3	0.06	6.3	0.4	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011600	Soil	1.1	13.7	26.3	46	<0.1	20.3	8.1	331	2.59	8.4	1.1	6.7	10.3	18	<0.1	0.5	0.4	63	0.16	0.018
1013792	Soil	0.6	28.9	11.3	64	<0.1	26.3	15.5	834	3.43	5.8	1.3	7.9	8.9	31	<0.1	0.4	0.3	74	0.51	0.032
1011952	Soil	0.4	24.3	16.6	52	0.1	9.3	14.9	676	3.18	1.5	2.0	7.5	7.9	76	<0.1	0.3	0.4	66	6.88	0.062
1011594	Soil	0.5	10.9	41.5	58	<0.1	13.0	7.0	922	2.26	2.7	6.1	10.2	64.1	15	0.1	0.2	0.5	33	0.25	0.053
1013198	Soil	0.6	31.7	8.0	58	0.1	22.3	13.7	530	3.04	6.8	0.9	11.5	5.5	38	<0.1	0.4	0.2	73	0.63	0.040
1013799	Soil	1.0	24.5	19.8	60	<0.1	24.4	10.2	438	2.87	10.0	2.8	8.7	17.6	22	0.1	0.6	0.7	67	0.25	0.021
1013793	Soil	0.5	18.2	18.4	45	<0.1	10.2	11.6	777	2.49	2.1	4.6	9.2	22.2	46	<0.1	0.2	0.3	59	0.75	0.038
1013795	Soil	0.5	4.4	36.1	39	<0.1	5.9	2.9	411	1.10	2.8	3.5	8.6	28.4	6	<0.1	0.3	1.3	18	0.06	0.006
1013791	Soil	0.4	27.6	6.8	71	<0.1	18.2	21.4	814	4.49	3.8	1.3	12.8	7.2	56	<0.1	0.3	0.2	109	0.89	0.049
1014550	Soil	0.5	9.2	44.6	34	<0.1	10.3	4.7	370	1.45	4.5	2.0	11.5	22.4	13	<0.1	0.3	0.7	28	0.13	0.011
1027899	Soil	0.8	11.6	29.8	40	0.1	13.3	5.9	471	2.03	6.0	3.2	9.4	15.6	21	0.1	0.4	0.3	49	0.22	0.021
1013796	Soil	0.6	14.9	32.1	49	<0.1	13.9	7.3	846	1.95	6.1	3.4	15.7	35.5	14	0.1	0.4	2.4	40	0.17	0.034
1011597	Soil	0.7	26.3	35.5	70	<0.1	25.7	10.7	705	2.86	8.3	2.6	13.3	45.6	19	0.1	0.5	1.8	62	0.26	0.063
1013790	Soil	0.4	33.8	11.3	62	0.2	14.2	18.5	713	3.79	3.4	1.3	18.3	5.7	72	0.2	0.3	0.2	84	5.56	0.071
1013794	Soil	0.5	19.5	12.2	55	<0.1	16.4	13.3	527	2.97	3.8	3.6	13.3	20.8	39	0.1	0.3	0.2	74	0.54	0.041
1013191	Soil	0.9	10.9	21.1	37	<0.1	14.1	6.5	541	2.08	6.1	1.5	17.2	10.7	17	0.1	0.3	0.4	48	0.19	0.031
1027900	Soil	1.1	10.1	26.9	38	<0.1	11.2	5.2	926	1.96	5.0	1.9	11.6	11.1	21	0.2	0.4	0.5	48	0.24	0.040
1011951	Soil	1.1	30.6	40.8	65	0.3	19.3	12.6	1321	3.05	7.5	22.6	9.9	47.0	28	0.2	0.4	1.5	64	0.36	0.064
1053951	Soil	1.0	41.8	7.6	90	<0.1	26.7	12.1	646	3.93	10.8	1.0	13.8	4.8	33	<0.1	0.4	0.1	105	0.45	0.029
1053952	Soil	0.6	32.3	7.4	65	<0.1	9.7	12.9	455	3.88	4.0	0.5	7.7	2.3	27	0.1	0.2	0.1	96	0.27	0.022
1013193	Soil	0.9	10.6	32.3	59	<0.1	14.1	9.9	726	2.44	5.2	6.8	12.0	38.8	17	0.1	0.4	0.4	49	0.23	0.041
1011593	Soil	0.8	23.0	22.4	59	<0.1	21.9	10.8	666	2.78	9.5	8.2	8.4	27.7	29	0.1	0.5	1.2	64	0.35	0.045
1013192	Soil	0.4	8.8	29.2	34	<0.1	9.2	5.0	496	1.41	2.6	5.5	8.8	39.2	17	<0.1	0.2	0.4	28	0.24	0.030
1013787	Soil	0.5	12.4	39.4	65	<0.1	15.4	7.4	715	2.51	5.3	4.2	7.4	48.7	14	0.1	0.4	2.9	49	0.15	0.033
1013789	Soil	0.8	7.9	58.9	70	<0.1	14.8	7.8	1140	2.59	5.2	5.9	5.4	57.9	14	0.1	0.6	2.6	42	0.23	0.052
1011591	Soil	0.8	16.6	24.2	58	<0.1	19.1	10.2	676	2.67	7.0	8.2	3.0	37.3	22	<0.1	0.4	0.7	59	0.30	0.040
1011592	Soil	0.9	15.0	22.7	66	<0.1	20.7	10.0	609	2.63	6.0	3.7	0.9	31.7	19	<0.1	0.4	0.4	57	0.24	0.043
1013194	Soil	0.9	6.8	22.0	54	<0.1	9.7	8.0	914	2.06	3.2	2.7	5.5	18.8	15	0.1	0.2	0.4	40	0.19	0.051
1011595	Soil	0.6	10.3	34.1	54	<0.1	12.5	7.3	778	2.14	4.4	4.0	2.6	43.0	16	<0.1	0.3	0.5	34	0.23	0.041
1013800	Soil	0.5	31.1	18.5	47	0.1	19.3	7.7	555	2.06	6.8	2.4	3.6	26.2	55	0.1	0.6	0.9	42	3.17	0.082

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011600	Soil	9	31	0.40	197	0.059	<1	1.77	0.009	0.05	0.1	0.05	2.3	<0.1	<0.05	5	<0.5	<0.2
1013792	Soil	19	42	0.94	347	0.074	<1	2.06	0.018	0.11	0.3	0.08	7.6	0.1	<0.05	6	<0.5	<0.2
1011952	Soil	13	17	1.09	203	0.070	<1	1.99	0.013	0.18	0.1	0.09	6.1	0.1	<0.05	6	<0.5	<0.2
1011594	Soil	41	20	0.53	150	0.030	<1	1.32	0.008	0.13	0.1	0.06	4.2	0.2	<0.05	5	<0.5	<0.2
1013198	Soil	15	33	0.84	239	0.122	2	1.85	0.021	0.10	0.2	0.10	5.0	<0.1	<0.05	5	0.5	<0.2
1013799	Soil	17	40	0.55	183	0.086	<1	1.78	0.015	0.08	0.2	0.07	5.0	0.1	<0.05	5	<0.5	<0.2
1013793	Soil	16	22	0.81	148	0.055	<1	1.72	0.016	0.12	0.1	0.07	5.1	<0.1	<0.05	5	<0.5	<0.2
1013795	Soil	8	11	0.16	44	0.022	<1	0.70	0.007	0.03	0.1	0.07	1.5	<0.1	<0.05	3	<0.5	<0.2
1013791	Soil	19	35	1.59	170	0.160	1	2.97	0.016	0.20	0.3	0.08	7.8	0.1	<0.05	9	<0.5	<0.2
1014550	Soil	10	16	0.25	94	0.024	<1	0.94	0.008	0.07	0.1	0.07	1.4	<0.1	<0.05	3	<0.5	<0.2
1027899	Soil	15	24	0.35	137	0.048	2	1.25	0.011	0.07	0.1	0.08	2.0	<0.1	<0.05	4	<0.5	<0.2
1013796	Soil	15	21	0.34	130	0.056	<1	1.13	0.009	0.07	0.3	0.10	3.0	0.2	<0.05	4	<0.5	<0.2
1011597	Soil	23	35	0.67	94	0.090	<1	1.90	0.010	0.17	0.1	0.10	4.0	0.4	<0.05	6	<0.5	<0.2
1013790	Soil	15	24	1.42	200	0.108	<1	2.31	0.016	0.19	0.2	0.13	6.2	0.1	<0.05	7	0.5	<0.2
1013794	Soil	21	33	0.91	190	0.126	<1	1.97	0.019	0.10	0.1	0.09	5.3	0.1	<0.05	6	<0.5	<0.2
1013191	Soil	10	23	0.36	143	0.045	1	1.29	0.010	0.07	0.2	0.10	1.6	<0.1	<0.05	4	<0.5	<0.2
1027900	Soil	11	18	0.26	133	0.041	<1	1.11	0.010	0.07	0.2	0.09	1.4	<0.1	<0.05	5	<0.5	<0.2
1011951	Soil	57	33	0.48	243	0.058	<1	1.93	0.011	0.11	0.2	0.09	5.4	0.2	<0.05	7	<0.5	<0.2
1053951	Soil	19	46	1.29	323	0.175	2	2.44	0.016	0.13	0.1	0.14	7.2	0.1	<0.05	7	<0.5	<0.2
1053952	Soil	8	20	1.24	130	0.142	<1	2.52	0.015	0.03	<0.1	0.08	4.6	<0.1	<0.05	9	<0.5	<0.2
1013193	Soil	28	26	0.48	127	0.065	<1	1.51	0.011	0.06	0.1	0.09	2.7	0.1	<0.05	5	0.9	<0.2
1011593	Soil	26	35	0.57	248	0.076	<1	1.85	0.013	0.06	0.2	0.11	5.4	0.2	<0.05	6	<0.5	<0.2
1013192	Soil	33	16	0.27	95	0.032	<1	0.94	0.009	0.05	0.1	0.08	2.0	<0.1	<0.05	3	<0.5	<0.2
1013787	Soil	23	27	0.55	91	0.057	<1	1.36	0.008	0.12	0.2	0.07	3.6	0.3	<0.05	7	<0.5	<0.2
1013789	Soil	16	20	0.40	148	0.015	1	1.39	0.009	0.08	0.4	0.04	3.0	0.2	<0.05	7	<0.5	<0.2
1011591	Soil	29	32	0.60	139	0.076	1	1.70	0.011	0.09	0.2	0.03	4.8	0.1	<0.05	6	<0.5	<0.2
1011592	Soil	14	28	0.65	124	0.074	2	1.60	0.010	0.07	0.1	0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1013194	Soil	11	18	0.36	126	0.041	2	1.11	0.009	0.06	0.1	0.01	1.8	0.1	<0.05	5	<0.5	<0.2
1011595	Soil	25	20	0.50	146	0.028	2	1.35	0.007	0.12	0.1	0.01	3.2	0.2	<0.05	5	<0.5	<0.2
1013800	Soil	25	22	0.55	182	0.051	2	0.93	0.018	0.07	0.3	0.03	3.5	0.2	<0.05	3	<0.5	<0.2

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Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1053970	Soil	1.2	18.3	9.7	82	<0.1	18.6	10.2	782	3.35	9.0	0.4	<0.5	2.3	13	0.1	0.5	0.2	78	0.14	0.042
1053969	Soil	0.4	9.2	3.3	98	<0.1	5.2	8.9	658	3.52	2.7	0.4	<0.5	2.6	7	<0.1	0.1	<0.1	51	0.12	0.028
1053971	Soil	0.5	30.0	8.7	134	<0.1	35.2	11.2	613	3.77	5.3	0.6	<0.5	3.8	12	0.1	0.3	0.1	65	0.12	0.023
1053967	Soil	0.3	26.7	4.1	64	<0.1	9.1	14.6	516	3.69	3.1	0.6	3.1	3.2	13	<0.1	0.2	<0.1	99	0.29	0.037
1053968	Soil	0.4	31.1	8.1	72	<0.1	8.1	14.2	555	3.95	3.1	0.6	0.6	2.3	12	0.1	0.5	0.1	94	0.22	0.031
1053954	Soil	1.8	99.3	5.7	166	<0.1	7.8	8.7	445	3.88	2.6	0.7	2.6	2.4	28	0.1	0.1	<0.1	74	0.37	0.098
1053953	Soil	1.8	103.6	5.9	165	<0.1	8.1	8.4	436	3.77	3.2	0.7	1.7	2.5	27	0.1	0.2	<0.1	74	0.39	0.088
1053962	Soil	1.4	111.9	3.0	85	<0.1	10.2	12.9	411	4.14	0.9	0.6	0.8	2.5	13	<0.1	<0.1	0.1	141	0.21	0.043
1053961	Soil	4.4	27.6	12.2	162	0.3	6.3	2.5	274	4.52	1.6	0.6	3.5	3.2	38	<0.1	<0.1	0.2	66	0.23	0.061
1053960	Soil	0.5	60.5	4.1	115	<0.1	6.3	13.2	580	3.30	1.1	0.3	1.5	0.9	23	0.1	<0.1	<0.1	65	0.23	0.036
1053956	Soil	0.9	67.9	7.5	106	<0.1	16.6	12.8	516	3.80	5.4	0.5	2.3	3.0	22	0.1	0.3	0.1	80	0.32	0.047
1053955	Soil	1.0	58.9	8.0	54	0.2	17.5	7.8	203	2.76	7.9	0.7	3.3	3.5	15	<0.1	0.3	0.1	69	0.19	0.032
1053957	Soil	0.8	31.4	8.3	49	0.2	12.3	7.5	239	2.45	5.6	0.6	2.6	1.4	18	0.1	0.3	0.1	61	0.19	0.042
1053959	Soil	1.2	272.7	11.1	188	<0.1	12.4	12.4	614	5.15	0.7	1.1	3.0	4.3	29	0.2	<0.1	0.2	149	0.38	0.039
1053958	Soil	0.5	122.6	6.6	168	<0.1	7.2	13.8	656	3.22	1.7	0.3	1.1	1.1	26	0.1	0.1	<0.1	64	0.37	0.059
1031711	Soil	0.6	19.3	7.0	62	<0.1	21.1	10.3	450	2.87	8.2	0.5	5.3	3.0	30	<0.1	0.5	0.1	66	0.50	0.072
1031720	Soil	0.6	9.5	5.3	91	<0.1	10.9	11.9	844	3.88	3.1	0.4	0.7	3.0	48	<0.1	0.6	<0.1	65	0.59	0.120
1031719	Soil	0.6	7.0	5.7	130	<0.1	10.0	14.0	912	4.05	5.3	0.2	<0.5	1.5	46	<0.1	0.3	<0.1	70	0.61	0.175
1031724	Soil	0.6	22.8	5.7	44	0.3	18.5	7.6	398	1.89	4.3	0.8	1.4	1.5	77	0.2	0.4	<0.1	41	1.05	0.095
1031728	Soil	0.7	14.8	10.0	64	<0.1	30.1	11.8	589	2.95	4.8	0.4	<0.5	3.2	32	<0.1	0.3	0.1	61	0.51	0.052
1031710	Soil	0.7	14.8	14.6	79	<0.1	16.0	10.6	742	2.89	5.3	0.5	<0.5	1.9	42	0.1	0.4	0.2	63	0.77	0.095
1031736	Soil	0.3	5.3	2.8	110	<0.1	6.4	10.3	794	3.30	2.9	0.2	<0.5	1.2	31	<0.1	<0.1	<0.1	66	0.80	0.234
1031705	Soil	0.5	16.8	39.1	79	0.2	14.5	10.8	540	3.04	5.3	0.7	1.3	3.2	27	<0.1	0.4	1.2	65	0.55	0.122
1031721	Soil	0.5	10.0	3.8	87	<0.1	13.2	11.0	581	3.34	5.4	0.4	<0.5	1.4	36	<0.1	0.4	<0.1	70	0.68	0.175
1031706	Soil	0.6	16.5	41.3	67	0.2	15.3	9.3	435	2.69	6.3	0.7	0.8	3.9	26	0.1	0.4	1.1	58	0.47	0.090
1053966	Soil	1.0	23.7	8.9	67	0.2	15.0	10.1	352	3.21	6.5	0.3	<0.5	1.6	14	<0.1	0.4	0.1	83	0.19	0.028
1053965	Soil	0.7	26.3	6.4	54	<0.1	20.9	11.0	258	2.76	8.3	0.4	3.7	2.4	11	0.1	0.4	0.1	68	0.18	0.028
1053964	Soil	0.3	75.7	5.8	97	<0.1	9.7	18.0	738	4.48	1.9	0.3	<0.5	1.3	22	<0.1	0.2	<0.1	102	0.40	0.050
1053963	Soil	0.3	110.3	5.1	130	<0.1	9.3	21.1	883	4.45	1.5	0.4	<0.5	1.1	26	0.1	0.1	<0.1	84	0.36	0.042
1031713	Soil	0.4	6.3	3.4	93	<0.1	8.6	11.5	748	3.46	3.2	0.2	<0.5	0.9	29	<0.1	0.4	<0.1	71	0.73	0.216

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CERTIFICATE OF ANALYSIS WHI11000421.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053970	Soil	7	40	0.66	189	0.077	<1	2.12	0.007	0.06	<0.1	<0.01	2.9	<0.1	<0.05	8	<0.5	<0.2
1053969	Soil	7	11	1.04	153	0.169	1	2.10	0.007	0.41	<0.1	<0.01	4.1	0.3	<0.05	8	<0.5	<0.2
1053971	Soil	8	104	1.39	143	0.188	<1	2.67	0.006	0.15	<0.1	<0.01	3.3	0.1	<0.05	9	<0.5	<0.2
1053967	Soil	5	15	1.57	162	0.210	<1	2.49	0.009	0.09	<0.1	<0.01	4.4	<0.1	<0.05	9	<0.5	<0.2
1053968	Soil	7	12	1.36	167	0.086	2	2.73	0.008	0.12	0.2	<0.01	6.6	0.1	<0.05	10	<0.5	<0.2
1053954	Soil	12	13	1.81	277	0.127	<1	2.69	0.011	0.40	<0.1	0.02	12.7	0.1	<0.05	10	<0.5	<0.2
1053953	Soil	13	15	1.73	260	0.132	1	2.76	0.011	0.40	<0.1	0.01	12.2	0.1	<0.05	11	<0.5	<0.2
1053962	Soil	8	23	1.60	694	0.183	<1	2.86	0.022	1.13	<0.1	<0.01	5.7	0.3	<0.05	8	0.7	0.2
1053961	Soil	9	14	1.10	276	0.094	<1	1.59	0.031	0.54	<0.1	0.02	4.9	0.3	0.49	5	5.3	0.2
1053960	Soil	4	9	1.05	278	0.104	<1	2.24	0.008	0.47	<0.1	<0.01	1.5	0.1	<0.05	6	<0.5	<0.2
1053956	Soil	9	26	1.42	174	0.131	<1	2.78	0.010	0.07	<0.1	<0.01	7.1	<0.1	<0.05	9	<0.5	<0.2
1053955	Soil	9	32	0.55	154	0.083	2	2.37	0.010	0.06	0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1053957	Soil	8	24	0.53	138	0.069	<1	1.63	0.008	0.05	<0.1	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1053959	Soil	10	24	1.85	655	0.185	<1	3.27	0.014	0.86	<0.1	<0.01	9.0	0.2	<0.05	11	0.5	0.5
1053958	Soil	4	13	1.05	277	0.113	<1	2.21	0.008	0.28	<0.1	0.01	1.6	<0.1	<0.05	6	<0.5	0.4
1031711	Soil	11	28	0.76	273	0.106	1	1.75	0.013	0.25	0.2	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1031720	Soil	13	14	1.21	472	0.038	<1	2.32	0.007	0.10	0.2	0.04	4.7	<0.1	<0.05	8	<0.5	<0.2
1031719	Soil	4	17	1.46	336	0.087	<1	2.38	0.010	0.15	0.1	<0.01	3.4	<0.1	<0.05	9	<0.5	<0.2
1031724	Soil	10	20	0.45	584	0.058	3	1.16	0.014	0.08	0.2	0.08	3.1	<0.1	0.06	4	<0.5	<0.2
1031728	Soil	9	56	0.75	447	0.062	<1	1.92	0.010	0.14	<0.1	<0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
1031710	Soil	7	23	0.80	412	0.112	3	1.78	0.014	0.34	0.2	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1031736	Soil	5	10	1.10	334	0.165	<1	1.73	0.013	0.88	<0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1031705	Soil	8	21	0.87	282	0.086	1	1.82	0.012	0.34	1.9	0.01	4.4	0.1	<0.05	6	<0.5	<0.2
1031721	Soil	4	17	1.05	236	0.138	1	1.76	0.014	0.42	0.1	<0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1031706	Soil	9	23	0.69	261	0.075	1	1.70	0.011	0.27	1.7	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1053966	Soil	6	26	0.64	200	0.096	1	2.10	0.011	0.04	0.1	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1053965	Soil	6	28	0.71	196	0.108	1	2.27	0.011	0.08	0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1053964	Soil	6	15	1.56	308	0.125	<1	2.81	0.018	0.18	<0.1	<0.01	6.4	<0.1	<0.05	9	<0.5	<0.2
1053963	Soil	4	14	1.55	186	0.191	1	2.47	0.008	0.06	<0.1	<0.01	1.6	<0.1	<0.05	8	<0.5	<0.2
1031713	Soil	2	11	1.20	226	0.158	<1	1.78	0.011	0.62	0.2	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031716	Soil		0.9	13.0	7.0	50	<0.1	12.6	7.9	236	2.51	6.5	0.6	3.3	1.7	25	<0.1	0.4	0.1	56	0.31	0.069
1031730	Soil		0.6	16.3	7.6	62	<0.1	19.0	9.9	439	2.86	7.7	0.4	1.3	3.5	27	<0.1	0.5	0.1	63	0.44	0.054
1031732	Soil		0.7	15.9	7.2	65	<0.1	19.8	10.5	498	2.81	8.9	0.3	1.1	3.0	30	<0.1	0.5	0.1	62	0.38	0.059
1031733	Soil		0.6	17.6	5.5	84	0.1	18.3	11.0	547	3.22	6.1	0.3	2.6	2.5	30	<0.1	0.4	<0.1	63	0.45	0.094
1031723	Soil		0.4	8.2	3.8	71	<0.1	7.2	8.0	477	2.92	3.8	0.5	5.2	1.6	39	<0.1	0.2	<0.1	49	0.73	0.214
1031731	Soil		0.6	29.1	9.7	81	0.1	21.1	10.8	605	3.16	8.5	0.6	3.4	2.8	32	<0.1	0.5	0.1	71	0.58	0.134
1031727	Soil		0.6	18.1	11.1	55	<0.1	34.0	11.2	413	2.59	4.7	0.3	0.8	3.5	36	<0.1	0.3	0.1	50	0.51	0.064
1031726	Soil		0.6	15.3	4.7	77	<0.1	15.9	10.7	586	3.21	6.3	0.4	1.3	2.4	26	<0.1	0.4	<0.1	70	0.48	0.104
1031715	Soil		0.4	7.3	2.7	102	<0.1	8.7	10.3	543	3.11	3.2	0.3	3.8	1.0	28	<0.1	0.2	<0.1	69	0.65	0.216
1031725	Soil		0.6	11.1	3.6	50	<0.1	7.8	6.5	472	1.72	2.6	0.9	1.0	1.0	77	<0.1	0.2	<0.1	38	1.05	0.127
1031717	Soil		0.3	34.5	202.3	108	0.4	11.8	8.8	473	2.56	4.4	0.3	3.0	1.9	32	0.3	0.4	<0.1	46	0.62	0.143
1031729	Soil		0.4	27.9	7.2	98	<0.1	20.5	11.8	662	3.90	4.7	0.4	5.0	2.8	36	<0.1	0.4	0.1	73	0.63	0.160
1031709	Soil		0.6	11.3	6.2	71	<0.1	15.5	11.9	630	3.29	4.6	0.3	3.3	2.4	27	<0.1	0.5	0.1	68	0.45	0.077
1031714	Soil		0.5	12.6	4.6	85	<0.1	13.6	9.9	519	3.16	3.3	0.4	3.7	2.4	27	<0.1	0.3	<0.1	55	0.55	0.172
1031718	Soil		0.6	18.1	4.5	83	<0.1	18.7	12.3	578	3.52	7.9	0.4	0.7	2.3	35	<0.1	0.5	<0.1	86	0.67	0.172
1031734	Soil		0.4	6.3	2.4	100	<0.1	9.4	11.2	791	3.63	3.4	0.2	<0.5	1.5	28	<0.1	0.2	<0.1	79	0.69	0.223
1031708	Soil		0.4	11.7	4.0	99	<0.1	13.2	13.5	677	3.88	5.2	0.3	8.3	1.7	38	<0.1	0.4	<0.1	97	0.75	0.217
1031712	Soil		0.3	7.0	4.9	85	<0.1	10.4	12.5	653	3.53	3.0	0.4	0.6	1.2	33	<0.1	0.8	<0.1	85	0.78	0.261
1031735	Soil		0.4	12.1	2.1	127	<0.1	13.4	13.1	1090	4.25	4.5	0.4	1.0	1.3	30	<0.1	0.2	<0.1	91	0.61	0.209
1031722	Soil		0.4	6.7	2.5	80	<0.1	7.4	9.9	580	3.18	3.2	0.4	0.6	1.0	47	<0.1	0.3	<0.1	77	0.92	0.300
1031707	Soil		0.5	11.5	4.4	96	<0.1	14.1	13.4	666	3.92	5.4	0.4	1.0	1.9	38	<0.1	0.4	<0.1	92	0.69	0.209

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Project: PED
Report Date: July 31, 2011

CERTIFICATE OF ANALYSIS WHI11000421.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031716	Soil	9	24	0.51	200	0.072	<1	1.41	0.011	0.07	0.2	0.03	2.2	<0.1	<0.05	5	<0.5	<0.2
1031730	Soil	11	29	0.64	305	0.088	<1	1.57	0.012	0.21	0.1	0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
1031732	Soil	10	28	0.67	330	0.113	2	1.74	0.011	0.39	0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1031733	Soil	10	24	0.87	365	0.145	1	1.85	0.011	0.40	0.1	0.05	4.0	0.1	<0.05	6	<0.5	<0.2
1031723	Soil	7	9	0.74	528	0.073	<1	1.40	0.014	0.14	0.2	0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1031731	Soil	13	23	1.00	276	0.140	1	1.80	0.018	0.34	0.2	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1031727	Soil	7	57	0.87	274	0.076	1	1.81	0.014	0.16	0.2	0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1031726	Soil	10	19	0.88	344	0.147	<1	1.80	0.013	0.54	0.1	0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1031715	Soil	3	12	1.08	355	0.180	<1	1.72	0.016	0.59	0.2	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
1031725	Soil	6	11	0.50	284	0.054	2	0.86	0.013	0.17	0.2	0.02	2.1	<0.1	<0.05	3	<0.5	<0.2
1031717	Soil	10	15	0.78	245	0.045	<1	1.58	0.009	0.17	0.4	0.10	2.7	<0.1	<0.05	5	<0.5	<0.2
1031729	Soil	11	23	1.18	258	0.097	2	1.89	0.018	0.21	0.2	0.05	4.6	<0.1	<0.05	8	<0.5	<0.2
1031709	Soil	8	25	0.88	337	0.141	1	1.78	0.015	0.52	0.3	0.04	4.0	0.1	<0.05	6	<0.5	<0.2
1031714	Soil	7	17	0.97	309	0.145	<1	1.80	0.011	0.37	0.1	0.03	3.2	<0.1	<0.05	7	<0.5	<0.2
1031718	Soil	9	23	1.06	478	0.208	<1	2.15	0.016	0.66	0.2	0.02	4.7	0.2	<0.05	7	<0.5	<0.2
1031734	Soil	5	12	1.26	496	0.242	<1	2.12	0.018	1.14	<0.1	<0.01	3.4	0.2	<0.05	8	<0.5	<0.2
1031708	Soil	5	20	1.35	520	0.237	<1	2.35	0.018	1.03	0.2	0.01	4.5	0.2	<0.05	8	<0.5	<0.2
1031712	Soil	3	16	1.27	351	0.205	<1	2.07	0.017	0.86	0.3	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1031735	Soil	5	32	1.50	607	0.228	<1	2.44	0.017	1.30	<0.1	<0.01	5.7	0.2	<0.05	9	<0.5	<0.2
1031722	Soil	4	12	1.14	426	0.178	<1	1.89	0.032	0.71	0.2	<0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1031707	Soil	6	21	1.41	530	0.225	<1	2.37	0.019	1.00	0.2	0.01	4.4	0.2	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000421.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1028548	Soil	0.7	21.8	5.9	52	0.1	17.8	9.4	224	2.29	4.1	0.4	2.8	1.8	23	0.2	0.1	0.1	65	0.28	0.032
REP 1028548	QC	0.8	23.2	6.2	52	0.1	18.8	10.0	247	2.45	4.6	0.4	10.6	1.9	25	0.1	0.2	0.1	68	0.30	0.036
1011758	Soil	1.2	30.1	8.0	66	0.1	17.9	11.1	393	2.96	6.3	1.2	2.9	3.7	20	0.1	0.3	0.1	67	0.31	0.055
REP 1011758	QC	1.0	29.9	7.5	69	0.1	18.5	11.3	402	3.07	6.5	1.2	3.4	3.7	20	0.1	0.3	0.2	67	0.31	0.053
1013540	Soil	1.3	31.9	22.9	71	0.2	29.8	14.7	582	3.20	7.5	0.6	3.0	2.7	27	0.2	0.3	0.2	80	0.29	0.038
REP 1013540	QC	1.3	32.8	22.7	75	0.2	28.8	14.9	599	3.28	7.5	0.6	6.3	2.7	27	0.1	0.3	0.2	81	0.29	0.040
1011839	Soil	1.2	16.2	6.8	49	<0.1	15.6	9.6	328	2.60	6.6	1.2	1.2	4.3	23	<0.1	0.3	0.1	60	0.29	0.040
REP 1011839	QC	1.3	16.6	6.7	48	<0.1	15.3	9.6	330	2.64	6.5	1.2	1.3	4.5	24	<0.1	0.3	0.2	60	0.29	0.042
1011146	Soil	0.5	11.5	7.5	105	<0.1	11.4	12.8	793	4.36	5.3	0.5	1.0	2.5	33	<0.1	0.4	<0.1	75	0.65	0.197
REP 1011146	QC	0.5	11.7	7.6	110	<0.1	12.2	13.5	804	4.50	6.0	0.5	<0.5	2.8	37	<0.1	0.4	<0.1	78	0.68	0.212
1011135	Soil	0.7	8.0	5.2	100	<0.1	10.9	12.7	776	4.04	5.5	0.4	1.1	1.5	33	<0.1	0.3	<0.1	90	0.65	0.190
REP 1011135	QC	0.7	8.1	5.3	99	<0.1	11.4	12.7	777	4.07	5.5	0.3	1.1	1.5	34	0.1	0.3	<0.1	88	0.67	0.193
1031675	Soil	0.4	3.6	2.5	83	<0.1	6.9	11.2	681	3.72	2.8	0.2	<0.5	1.0	35	<0.1	0.1	<0.1	88	0.75	0.225
REP 1031675	QC	0.4	3.7	2.5	83	<0.1	6.5	11.0	682	3.72	2.7	0.2	<0.5	1.0	34	<0.1	0.1	<0.1	86	0.76	0.219
1013797	Soil	0.4	10.8	44.3	52	<0.1	11.4	5.3	1241	1.79	4.4	7.5	0.9	60.2	9	<0.1	0.4	2.3	25	0.12	0.040
REP 1013797	QC	0.4	10.5	44.1	53	<0.1	11.4	5.1	1221	1.77	4.1	7.6	2.6	58.6	9	<0.1	0.4	2.3	25	0.11	0.040
1031682	Soil	0.5	9.6	3.8	107	<0.1	11.5	12.1	726	4.15	4.3	0.4	<0.5	1.7	32	<0.1	0.2	<0.1	89	0.72	0.232
REP 1031682	QC	0.5	8.9	3.7	106	<0.1	11.3	12.4	732	4.19	4.0	0.4	<0.5	1.7	32	<0.1	0.3	<0.1	88	0.72	0.229
1013787	Soil	0.5	12.4	39.4	65	<0.1	15.4	7.4	715	2.51	5.3	4.2	7.4	48.7	14	0.1	0.4	2.9	49	0.15	0.033
REP 1013787	QC	0.6	12.5	38.0	64	<0.1	15.5	7.2	699	2.47	5.2	4.2	9.9	47.6	14	0.1	0.4	2.7	48	0.16	0.033
1013800	Soil	0.5	31.1	18.5	47	0.1	19.3	7.7	555	2.06	6.8	2.4	3.6	26.2	55	0.1	0.6	0.9	42	3.17	0.082
REP 1013800	QC	0.5	29.9	18.2	46	0.2	19.6	7.6	538	2.00	6.4	2.4	6.2	25.9	51	0.2	0.6	0.8	42	2.90	0.080
1053965	Soil	0.7	26.3	6.4	54	<0.1	20.9	11.0	258	2.76	8.3	0.4	3.7	2.4	11	0.1	0.4	0.1	68	0.18	0.028
REP 1053965	QC	0.7	26.1	6.2	54	<0.1	19.7	10.9	251	2.70	7.8	0.3	1.3	2.3	11	0.1	0.5	0.1	67	0.17	0.029
1031717	Soil	0.3	34.5	202.3	108	0.4	11.8	8.8	473	2.56	4.4	0.3	3.0	1.9	32	0.3	0.4	<0.1	46	0.62	0.143
REP 1031717	QC	0.4	35.0	194.9	109	0.4	12.7	9.0	491	2.70	6.1	0.3	3.1	1.9	33	0.2	0.4	<0.1	45	0.63	0.143
Reference Materials																					
STD DS8	Standard	12.2	99.1	115.5	291	1.7	34.9	6.9	568	2.28	24.0	2.7	113.1	6.6	66	2.0	5.6	6.0	38	0.64	0.074

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000421.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1028548	Soil	7	29	0.77	213	0.122	<1	1.56	0.010	0.11	0.2	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
REP 1028548	QC	7	31	0.84	224	0.136	2	1.74	0.011	0.13	0.2	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
1011758	Soil	13	29	0.73	209	0.110	2	1.77	0.009	0.13	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
REP 1011758	QC	13	31	0.74	208	0.108	2	1.82	0.009	0.13	0.1	0.03	2.9	0.1	<0.05	6	0.6	<0.2
1013540	Soil	9	54	0.90	293	0.136	<1	2.16	0.012	0.10	0.3	0.03	2.9	0.1	<0.05	7	<0.5	<0.2
REP 1013540	QC	9	55	0.92	294	0.137	<1	2.23	0.012	0.10	0.3	0.03	2.9	0.1	<0.05	7	<0.5	<0.2
1011839	Soil	15	25	0.60	273	0.099	<1	1.58	0.010	0.08	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
REP 1011839	QC	15	25	0.60	266	0.102	<1	1.60	0.010	0.09	0.2	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1011146	Soil	9	18	1.09	380	0.049	<1	2.23	0.012	0.23	0.1	0.02	6.6	<0.1	<0.05	9	<0.5	<0.2
REP 1011146	QC	10	19	1.14	387	0.052	<1	2.37	0.012	0.24	0.1	0.01	6.7	<0.1	<0.05	10	<0.5	<0.2
1011135	Soil	4	19	1.26	420	0.111	1	2.21	0.012	0.41	0.1	<0.01	4.9	0.1	<0.05	9	<0.5	<0.2
REP 1011135	QC	4	19	1.27	416	0.106	1	2.18	0.012	0.41	0.1	<0.01	4.6	0.1	<0.05	8	<0.5	<0.2
1031675	Soil	3	11	1.33	428	0.160	1	2.32	0.020	0.81	<0.1	<0.01	3.7	0.2	<0.05	8	<0.5	<0.2
REP 1031675	QC	3	11	1.34	434	0.147	<1	2.26	0.020	0.83	<0.1	<0.01	3.8	0.2	<0.05	8	<0.5	<0.2
1013797	Soil	32	11	0.32	111	0.031	<1	0.92	0.008	0.14	0.3	<0.01	4.4	0.5	<0.05	5	<0.5	<0.2
REP 1013797	QC	32	12	0.32	111	0.030	<1	0.92	0.008	0.14	0.3	0.01	4.6	0.5	<0.05	5	<0.5	<0.2
1031682	Soil	5	17	1.09	519	0.122	<1	2.15	0.014	0.66	<0.1	0.03	5.5	0.1	<0.05	8	<0.5	<0.2
REP 1031682	QC	5	17	1.12	529	0.124	<1	2.15	0.013	0.70	<0.1	0.02	5.5	0.1	<0.05	8	<0.5	<0.2
1013787	Soil	23	27	0.55	91	0.057	<1	1.36	0.008	0.12	0.2	0.07	3.6	0.3	<0.05	7	<0.5	<0.2
REP 1013787	QC	23	26	0.54	91	0.061	<1	1.39	0.008	0.12	0.2	0.06	3.6	0.3	<0.05	6	<0.5	<0.2
1013800	Soil	25	22	0.55	182	0.051	2	0.93	0.018	0.07	0.3	0.03	3.5	0.2	<0.05	3	<0.5	<0.2
REP 1013800	QC	24	21	0.50	170	0.049	2	0.90	0.017	0.07	0.2	0.05	3.4	0.1	<0.05	3	<0.5	<0.2
1053965	Soil	6	28	0.71	196	0.108	1	2.27	0.011	0.08	0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
REP 1053965	QC	5	28	0.69	189	0.105	<1	2.18	0.010	0.08	0.1	0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
1031717	Soil	10	15	0.78	245	0.045	<1	1.58	0.009	0.17	0.4	0.10	2.7	<0.1	<0.05	5	<0.5	<0.2
REP 1031717	QC	10	15	0.81	256	0.049	<1	1.65	0.010	0.18	0.3	0.10	2.9	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	107	0.57	269	0.119	2	0.84	0.083	0.39	2.8	0.20	1.9	4.9	0.14	4	4.8	4.5

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000421.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.8	102.0	116.4	296	1.6	35.3	7.2	571	2.31	24.5	2.8	106.2	6.6	67	2.3	5.4	6.0	39	0.66	0.078
STD DS8	Standard	12.9	109.5	121.7	303	1.6	37.5	7.3	580	2.37	25.3	2.7	100.5	6.7	66	2.2	5.5	6.3	42	0.62	0.073
STD DS8	Standard	12.5	101.4	119.5	289	1.7	35.3	7.0	549	2.24	24.1	2.7	109.3	6.7	65	2.0	5.6	6.0	39	0.63	0.072
STD DS8	Standard	13.3	109.5	120.6	297	1.7	37.8	7.3	578	2.35	25.0	2.5	110.9	6.1	58	2.2	5.1	5.8	41	0.65	0.073
STD DS8	Standard	13.1	106.4	119.5	296	1.7	38.5	7.5	593	2.35	25.2	2.5	109.8	6.2	59	2.2	5.0	6.0	41	0.66	0.076
STD DS8	Standard	13.0	108.2	123.3	306	1.7	37.9	7.4	585	2.37	25.5	2.8	102.8	6.6	56	2.2	4.8	5.5	39	0.63	0.076
STD DS8	Standard	13.3	104.2	125.9	302	1.8	36.6	7.2	574	2.34	26.0	2.7	111.9	6.6	58	2.4	4.9	5.5	39	0.61	0.076
STD DS8	Standard	14.9	120.3	131.8	328	1.9	42.4	8.2	645	2.56	27.2	2.9	119.2	7.3	67	2.3	6.0	6.8	47	0.71	0.082
STD DS8	Standard	14.2	120.3	130.1	324	1.9	41.8	8.3	628	2.51	26.7	2.7	112.4	6.8	66	2.6	5.7	6.5	46	0.70	0.083
STD DS8	Standard	14.5	120.7	128.5	329	1.8	42.0	8.1	647	2.62	28.5	2.7	110.9	6.7	64	2.4	5.8	6.5	44	0.71	0.082
STD DS8	Standard	14.2	118.7	127.6	331	1.9	42.0	8.1	652	2.59	27.6	2.7	108.8	6.7	64	2.4	5.8	6.4	44	0.71	0.085
STD DS8	Standard	13.2	121.0	124.0	310	1.8	40.3	7.8	600	2.51	26.3	2.7	122.6	6.6	64	2.4	5.8	6.6	44	0.67	0.083
STD DS8	Standard	14.0	120.1	128.5	315	1.8	40.6	8.1	648	2.58	25.9	2.8	112.9	7.0	66	2.5	5.7	6.8	46	0.72	0.084
STD DS8	Standard	13.1	107.9	123.4	322	1.8	39.3	7.9	625	2.50	27.0	2.5	105.7	6.2	61	2.1	5.2	6.2	41	0.66	0.083
STD DS8	Standard	13.8	108.5	120.1	317	1.8	40.1	8.2	645	2.58	29.3	2.6	112.5	6.6	65	2.4	5.7	6.4	41	0.72	0.082
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 31, 2011

QUALITY CONTROL REPORT WHI11000421.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	109	0.59	262	0.124	2	0.88	0.088	0.40	2.8	0.19	2.0	5.0	0.14	4	4.3	4.5
STD DS8	Standard	14	113	0.57	266	0.123	2	0.87	0.087	0.39	2.9	0.19	1.9	5.1	0.14	4	4.4	4.3
STD DS8	Standard	14	107	0.57	262	0.117	2	0.85	0.082	0.39	2.9	0.19	1.9	4.9	0.14	4	5.0	4.6
STD DS8	Standard	14	111	0.56	267	0.107	2	0.85	0.079	0.39	3.0	0.18	2.1	5.1	0.16	4	5.3	4.6
STD DS8	Standard	13	111	0.57	264	0.108	2	0.85	0.077	0.40	2.8	0.20	2.0	5.2	0.14	4	4.7	5.1
STD DS8	Standard	13	108	0.58	261	0.098	2	0.82	0.081	0.41	2.9	0.19	2.1	5.2	0.14	5	4.9	5.4
STD DS8	Standard	14	108	0.58	268	0.098	3	0.83	0.086	0.39	2.9	0.19	2.1	5.5	0.13	5	4.5	5.2
STD DS8	Standard	15	131	0.63	295	0.130	3	0.92	0.086	0.43	3.2	0.26	2.0	5.6	0.15	5	5.7	5.0
STD DS8	Standard	14	129	0.62	281	0.128	3	0.90	0.082	0.41	3.1	0.23	1.9	5.4	0.16	5	5.2	4.5
STD DS8	Standard	14	123	0.64	286	0.126	3	0.95	0.086	0.42	3.1	0.23	2.0	5.5	0.14	5	6.2	5.2
STD DS8	Standard	14	125	0.65	281	0.123	2	0.95	0.086	0.43	3.1	0.21	2.0	5.5	0.16	5	5.4	5.6
STD DS8	Standard	14	122	0.64	271	0.117	2	0.92	0.083	0.41	3.0	0.20	2.1	5.2	0.17	5	5.3	5.3
STD DS8	Standard	15	126	0.64	284	0.129	3	0.92	0.090	0.43	3.0	0.21	2.4	5.3	0.17	5	5.7	5.0
STD DS8	Standard	13	118	0.64	295	0.112	2	0.94	0.084	0.43	3.0	0.20	2.1	5.3	0.16	5	5.3	5.0
STD DS8	Standard	15	119	0.64	305	0.121	2	0.94	0.088	0.45	3.2	0.20	2.3	5.3	0.19	5	5.4	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: July 30, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11000422.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 218

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	218	Dry at 60C			VAN
SS80	218	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	218	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000422.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010574	Soil	0.6	17.3	7.7	43	<0.1	14.3	8.5	234	2.65	6.5	0.6	2.3	2.4	18	<0.1	0.4	0.1	69	0.25	0.035
1010582	Soil	0.7	15.9	4.8	113	<0.1	17.2	14.9	1717	7.11	1.4	0.5	<0.5	2.2	13	0.1	0.8	<0.1	53	0.35	0.130
1010581	Soil	0.8	23.0	5.1	56	0.1	13.6	20.9	1515	3.94	3.5	0.4	0.6	1.6	20	0.2	0.2	0.1	128	0.52	0.076
1010573	Soil	1.0	53.3	7.5	98	0.1	13.2	26.1	1525	6.86	9.1	1.4	2.0	4.3	15	0.1	1.2	<0.1	133	0.33	0.073
1010583	Soil	0.6	15.3	4.4	112	<0.1	16.8	14.5	1824	6.92	1.1	0.5	<0.5	2.2	13	0.1	0.8	<0.1	50	0.36	0.138
1010552	Soil	0.2	16.5	4.0	76	<0.1	11.2	16.2	772	4.16	2.5	0.4	<0.5	1.5	16	<0.1	0.1	<0.1	108	0.20	0.048
1010559	Soil	0.8	22.0	6.8	50	<0.1	11.9	8.2	362	3.12	9.1	0.7	1.2	2.2	24	<0.1	1.8	0.2	76	0.27	0.043
1010556	Soil	0.6	26.4	6.7	67	<0.1	16.5	10.4	425	2.98	5.4	0.8	2.0	3.2	17	0.1	0.2	0.1	68	0.23	0.053
1010553	Soil	0.4	17.1	7.8	95	<0.1	8.7	16.2	767	5.26	3.3	0.4	0.6	1.4	23	<0.1	0.2	<0.1	113	0.16	0.042
1010580	Soil	0.8	38.3	3.5	82	<0.1	22.7	32.0	900	6.73	1.3	0.8	0.9	1.9	52	0.1	<0.1	<0.1	101	0.87	0.156
1010551	Soil	1.7	12.3	10.9	56	<0.1	14.0	9.0	411	3.32	8.8	0.4	<0.5	2.7	12	0.1	0.4	0.2	85	0.12	0.041
1010554	Soil	0.7	24.6	9.0	72	<0.1	19.0	11.2	461	3.29	6.1	1.3	1.1	9.1	19	<0.1	0.4	0.2	65	0.18	0.020
1010557	Soil	0.8	17.6	7.3	54	<0.1	14.0	8.2	291	2.48	5.1	0.6	<0.5	3.2	16	0.1	0.3	0.1	58	0.20	0.032
1010558	Soil	1.1	16.5	9.1	47	<0.1	16.1	9.6	478	2.91	6.7	0.5	2.7	2.8	13	0.2	0.4	0.2	70	0.15	0.028
1010555	Soil	0.6	21.3	3.6	108	<0.1	14.8	13.4	423	4.72	3.2	0.5	<0.5	3.2	10	<0.1	0.2	<0.1	64	0.12	0.058
1010561	Soil	1.4	17.5	8.5	268	0.1	15.4	9.4	627	3.14	7.9	0.5	<0.5	3.2	12	0.5	0.3	0.2	78	0.12	0.038
1010560	Soil	1.4	30.6	13.0	161	<0.1	8.9	10.3	825	4.68	6.6	0.4	0.5	1.5	14	0.2	0.5	0.1	99	0.22	0.049
1010569	Soil	1.1	49.9	11.4	98	0.3	14.5	16.1	579	4.51	5.8	0.4	1.1	1.7	22	0.1	0.3	0.1	114	0.18	0.026
1010563	Soil	0.6	19.2	4.0	36	<0.1	17.5	17.4	279	4.35	10.3	0.5	1.0	1.6	19	0.1	0.7	<0.1	124	0.36	0.024
1010566	Soil	0.6	19.3	5.1	98	<0.1	12.6	16.6	1336	3.15	3.3	0.2	<0.5	1.1	20	0.2	0.3	<0.1	80	0.22	0.034
1010568	Soil	0.9	23.8	7.3	49	0.2	16.5	10.4	305	3.12	7.0	0.5	1.7	2.8	21	<0.1	0.4	0.1	81	0.28	0.018
1010578	Soil	1.1	48.8	11.0	98	<0.1	13.6	10.7	571	3.80	2.0	1.2	<0.5	9.8	19	<0.1	0.2	0.2	58	0.34	0.048
1010577	Soil	1.0	16.9	7.5	74	<0.1	20.0	11.1	615	2.85	7.1	0.5	0.6	2.8	21	0.1	0.5	0.1	68	0.24	0.024
1010570	Soil	3.4	240.9	6.2	182	0.2	9.0	18.7	1007	4.96	3.0	1.1	1.5	4.7	17	0.2	0.3	0.3	89	0.11	0.029
1010562	Soil	0.6	28.2	8.4	106	<0.1	15.4	19.1	699	5.15	4.0	0.4	<0.5	2.7	17	0.1	0.2	<0.1	146	0.30	0.037
1010572	Soil	1.0	16.7	9.4	56	<0.1	8.2	7.3	457	2.10	3.9	0.4	<0.5	1.8	14	0.2	0.2	0.2	59	0.15	0.047
1010565	Soil	0.4	41.4	4.4	107	<0.1	7.7	16.3	531	4.11	0.7	0.5	<0.5	1.9	20	<0.1	0.3	<0.1	85	0.52	0.053
1010564	Soil	0.5	48.4	4.6	103	<0.1	8.0	15.8	434	4.35	0.8	0.5	<0.5	2.1	20	<0.1	0.3	0.1	91	0.49	0.037
1010579	Soil	1.7	184.2	4.4	101	0.1	13.2	13.4	826	6.36	2.9	0.7	1.1	1.8	54	0.1	0.3	0.2	169	0.27	0.069
1010571	Soil	1.3	69.0	11.2	123	<0.1	14.6	17.0	539	4.34	3.0	1.1	<0.5	3.5	27	0.1	0.2	<0.1	98	0.28	0.040

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000422.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010574	Soil	10	25	0.57	375	0.077	<1	1.48	0.010	0.06	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1010582	Soil	7	14	0.21	369	0.003	2	0.74	0.006	0.09	<0.1	0.01	15.1	<0.1	<0.05	2	<0.5	<0.2
1010581	Soil	6	18	1.28	326	0.129	1	2.20	0.037	0.18	<0.1	0.02	4.5	<0.1	<0.05	8	<0.5	<0.2
1010573	Soil	20	12	0.24	355	0.008	1	0.74	0.004	0.10	<0.1	0.19	32.9	0.2	<0.05	4	<0.5	<0.2
1010583	Soil	7	12	0.19	352	0.003	1	0.66	0.006	0.09	<0.1	0.02	15.4	<0.1	<0.05	1	0.6	<0.2
1010552	Soil	6	18	1.88	468	0.306	1	3.18	0.011	0.86	<0.1	<0.01	1.5	0.3	<0.05	8	<0.5	<0.2
1010559	Soil	10	25	0.55	239	0.044	<1	1.33	0.013	0.07	<0.1	0.12	4.9	0.2	0.06	5	<0.5	<0.2
1010556	Soil	12	32	0.75	169	0.083	<1	1.78	0.011	0.10	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1010553	Soil	4	16	2.13	190	0.305	1	3.63	0.010	0.43	<0.1	<0.01	2.4	0.2	<0.05	11	<0.5	<0.2
1010580	Soil	28	18	1.69	204	0.222	<1	1.43	0.040	0.04	<0.1	0.02	11.6	<0.1	<0.05	5	<0.5	<0.2
1010551	Soil	8	32	0.54	169	0.082	<1	1.80	0.007	0.05	0.1	0.02	2.4	<0.1	<0.05	8	<0.5	<0.2
1010554	Soil	35	43	0.73	226	0.072	1	2.16	0.011	0.09	<0.1	0.01	4.7	<0.1	<0.05	7	<0.5	<0.2
1010557	Soil	11	27	0.54	194	0.069	2	1.66	0.011	0.06	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1010558	Soil	9	34	0.48	146	0.057	<1	1.63	0.008	0.06	0.1	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1010555	Soil	9	36	1.61	261	0.135	<1	2.88	0.012	0.48	<0.1	<0.01	8.8	0.1	<0.05	12	<0.5	<0.2
1010561	Soil	8	26	0.75	184	0.056	<1	2.04	0.008	0.06	<0.1	0.02	3.5	<0.1	<0.05	8	<0.5	<0.2
1010560	Soil	5	18	1.06	142	0.085	<1	2.48	0.009	0.04	<0.1	0.02	4.1	<0.1	<0.05	9	<0.5	<0.2
1010569	Soil	5	29	1.22	203	0.121	<1	2.79	0.010	0.09	<0.1	<0.01	4.3	<0.1	<0.05	9	<0.5	0.4
1010563	Soil	7	34	0.58	278	0.028	<1	1.68	0.016	0.05	<0.1	0.03	13.2	<0.1	<0.05	5	<0.5	<0.2
1010566	Soil	4	19	1.00	492	0.159	1	2.11	0.012	0.17	<0.1	<0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1010568	Soil	9	33	0.65	258	0.082	<1	2.27	0.014	0.04	<0.1	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1010578	Soil	32	28	0.92	325	0.088	<1	1.72	0.006	0.19	<0.1	<0.01	6.4	0.1	<0.05	6	<0.5	<0.2
1010577	Soil	9	34	0.57	325	0.073	1	1.63	0.011	0.07	0.1	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1010570	Soil	7	17	1.51	217	0.099	<1	2.92	0.007	0.19	<0.1	0.02	5.9	0.2	<0.05	8	<0.5	0.3
1010562	Soil	7	19	1.85	314	0.307	<1	3.33	0.015	0.68	0.1	<0.01	4.0	0.1	<0.05	9	<0.5	<0.2
1010572	Soil	8	19	0.37	282	0.056	<1	1.27	0.009	0.05	<0.1	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1010565	Soil	7	11	1.09	349	0.042	<1	2.18	0.016	0.12	<0.1	<0.01	7.9	<0.1	<0.05	6	<0.5	<0.2
1010564	Soil	6	12	1.05	351	0.049	1	2.19	0.015	0.14	<0.1	<0.01	8.3	<0.1	<0.05	7	<0.5	<0.2
1010579	Soil	10	22	2.01	269	0.127	<1	3.12	0.026	0.32	<0.1	<0.01	12.0	<0.1	0.09	13	<0.5	0.3
1010571	Soil	17	26	1.40	400	0.222	<1	2.73	0.016	0.37	<0.1	<0.01	3.5	0.2	<0.05	8	<0.5	0.3

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013737	Soil		1.1	22.2	11.2	46	0.2	13.6	10.2	617	2.53	3.5	1.4	2.1	0.7	26	0.2	0.3	0.2	61	0.39	0.080
1013750	Soil		1.0	21.9	7.2	54	0.1	17.3	12.6	494	2.54	5.3	0.8	<0.5	1.1	21	0.3	0.2	0.1	62	0.28	0.081
1013807	Soil		0.9	18.7	5.7	56	0.2	15.7	7.8	255	2.05	2.6	1.1	6.4	1.0	31	0.2	0.2	<0.1	48	0.44	0.071
1013808	Soil		0.9	39.9	6.4	64	0.5	13.1	9.5	292	2.54	3.2	2.5	2.4	1.8	26	0.4	0.2	0.1	60	0.42	0.070
1013749	Soil		0.8	43.8	5.1	38	0.2	15.2	11.6	462	1.27	2.0	0.8	<0.5	0.1	20	1.3	0.2	0.1	31	0.21	0.086
1013815	Soil		0.8	28.6	6.4	62	0.1	16.0	15.0	561	2.37	3.8	0.8	9.2	1.3	19	0.3	0.2	0.2	56	0.21	0.053
1013738	Soil		0.5	12.5	6.7	54	<0.1	15.7	14.2	895	2.22	2.5	0.7	6.4	1.7	29	0.1	0.3	0.2	46	0.37	0.073
1013812	Soil		1.1	33.5	7.6	68	0.2	18.6	11.3	470	2.60	7.7	0.8	5.5	1.1	19	0.2	0.3	0.1	61	0.24	0.057
1013742	Soil		1.3	42.1	5.6	37	0.3	12.3	15.5	824	2.31	2.7	3.6	39.0	0.6	38	0.2	0.3	0.1	44	0.48	0.151
1013740	Soil		0.9	26.8	5.1	53	0.1	14.8	12.8	1062	2.30	3.1	1.5	5.5	1.1	37	0.2	0.2	0.1	47	0.54	0.088
1010567	Soil		0.5	13.6	2.2	52	<0.1	9.1	15.3	488	3.48	2.3	0.2	2.3	0.7	17	<0.1	0.2	<0.1	89	0.19	0.031
1010575	Soil		0.8	22.9	7.2	57	<0.1	21.2	11.0	275	2.85	9.0	0.4	2.0	3.3	27	0.1	0.5	0.1	61	0.27	0.031
1010576	Soil		0.8	14.8	6.0	65	<0.1	8.8	7.2	470	2.69	6.4	0.7	3.0	4.4	15	<0.1	0.3	0.1	40	0.24	0.029
1013743	Soil		1.0	28.7	7.0	59	0.2	16.7	17.1	1330	2.80	4.4	1.6	3.3	1.2	37	0.1	0.3	0.2	56	0.53	0.098
1013813	Soil		0.5	26.3	2.9	44	0.3	12.3	9.3	353	1.13	2.4	1.0	9.1	0.5	52	0.4	0.3	<0.1	16	0.67	0.130
1013745	Soil		0.8	15.9	4.3	49	<0.1	15.2	7.1	229	1.82	4.1	0.5	3.2	0.7	27	0.2	0.2	0.1	43	0.37	0.056
1013801	Soil		0.8	28.3	7.9	44	0.3	15.9	17.8	958	2.19	4.7	0.6	2.5	0.5	22	0.3	0.2	0.1	50	0.24	0.076
1013747	Soil		1.0	19.1	5.0	49	0.1	15.0	10.2	362	2.13	5.1	0.5	25.4	0.8	19	0.2	0.2	0.1	55	0.30	0.064
1013817	Soil		0.6	17.9	4.9	35	<0.1	11.0	6.0	153	1.46	2.8	0.3	2.5	1.1	14	0.1	0.2	0.1	43	0.16	0.031
1013816	Soil		0.6	26.0	5.8	59	<0.1	17.4	10.6	353	2.62	5.4	0.6	2.9	1.8	18	0.1	0.2	0.1	63	0.24	0.064
1013810	Soil		0.9	24.0	7.0	55	0.2	13.6	7.9	270	2.01	4.4	0.9	3.2	0.9	39	0.2	0.2	0.1	48	0.58	0.056
1013809	Soil		0.9	24.7	5.9	55	0.2	13.9	6.2	210	2.12	4.1	0.9	1.4	1.1	28	0.2	0.2	0.1	48	0.33	0.063
1013805	Soil		0.9	18.1	6.0	45	0.2	13.3	6.3	175	1.97	4.5	0.6	2.3	0.6	25	0.2	0.2	0.3	47	0.27	0.064
1013806	Soil		0.9	21.8	6.4	48	0.2	13.5	6.8	185	2.08	4.3	1.4	4.0	0.7	26	0.1	0.2	0.2	42	0.30	0.079
1013802	Soil		0.6	22.4	6.1	59	0.3	12.1	7.1	256	2.35	2.8	0.5	3.1	1.4	19	0.2	0.2	0.1	51	0.26	0.069
1013744	Soil		1.2	24.0	7.0	59	0.2	17.9	13.8	677	2.79	5.0	1.1	4.5	1.1	29	0.1	0.3	0.2	67	0.42	0.095
1013739	Soil		0.8	23.0	8.2	57	0.1	17.0	9.9	332	2.50	4.3	1.1	3.6	2.0	30	<0.1	0.3	0.2	56	0.37	0.072
1013748	Soil		0.8	30.5	5.8	42	0.2	16.7	6.9	190	1.81	3.9	0.8	3.3	0.2	21	0.4	0.2	0.1	42	0.27	0.063
1013741	Soil		0.9	16.1	8.0	70	<0.1	17.2	10.0	549	2.25	4.3	0.7	2.0	1.2	27	0.4	0.3	0.2	56	0.33	0.061
1013746	Soil		1.5	22.6	7.3	54	0.2	16.8	20.2	1060	2.52	7.1	0.8	3.4	0.8	28	0.2	0.3	0.1	63	0.33	0.090

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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000422.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013737	Soil		11	23	0.58	299	0.071	2	1.41	0.012	0.08	0.1	0.05	2.8	<0.1	0.06	5	<0.5	<0.2
1013750	Soil		12	28	0.57	245	0.077	1	1.70	0.011	0.08	0.2	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1013807	Soil		14	30	0.63	309	0.082	2	1.45	0.013	0.08	0.2	0.04	3.1	0.1	<0.05	5	<0.5	<0.2
1013808	Soil		15	22	0.58	236	0.086	2	1.63	0.010	0.19	0.2	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1013749	Soil		15	15	0.20	283	0.020	<1	0.91	0.015	0.06	<0.1	0.04	0.6	<0.1	<0.05	3	<0.5	<0.2
1013815	Soil		9	23	0.62	211	0.073	2	1.59	0.009	0.07	0.2	0.06	2.6	0.1	0.11	5	<0.5	<0.2
1013738	Soil		8	23	0.71	226	0.070	2	1.39	0.012	0.09	0.2	0.07	2.8	0.1	0.08	5	0.5	<0.2
1013812	Soil		10	29	0.63	281	0.069	2	1.59	0.010	0.08	0.1	0.05	2.8	0.1	0.05	6	<0.5	<0.2
1013742	Soil		21	20	0.38	305	0.025	2	1.21	0.012	0.06	<0.1	0.09	2.4	0.1	0.19	3	0.8	<0.2
1013740	Soil		15	19	0.64	346	0.062	2	1.34	0.013	0.07	<0.1	0.05	3.1	<0.1	0.11	5	0.6	<0.2
1010567	Soil		2	13	1.44	384	0.214	<1	2.42	0.010	0.40	<0.1	<0.01	1.8	0.1	<0.05	7	0.6	<0.2
1010575	Soil		7	31	0.70	1027	0.081	1	1.85	0.011	0.08	0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1010576	Soil		7	15	0.66	267	0.070	1	1.48	0.008	0.23	<0.1	0.01	2.7	0.1	<0.05	4	<0.5	<0.2
1013743	Soil		14	25	0.69	370	0.063	2	1.69	0.014	0.07	0.1	0.07	3.6	0.2	0.09	5	0.7	<0.2
1013813	Soil		15	12	0.27	515	0.032	4	0.93	0.012	0.07	<0.1	0.12	2.6	<0.1	0.15	2	1.2	<0.2
1013745	Soil		8	23	0.58	236	0.063	<1	1.26	0.012	0.07	0.2	0.03	2.0	<0.1	<0.05	4	<0.5	<0.2
1013801	Soil		10	23	0.36	299	0.052	2	1.56	0.015	0.07	<0.1	0.04	1.6	0.1	<0.05	5	0.5	<0.2
1013747	Soil		8	23	0.59	154	0.071	<1	1.17	0.013	0.07	0.3	0.04	2.0	<0.1	<0.05	5	<0.5	<0.2
1013817	Soil		6	16	0.46	167	0.090	<1	1.14	0.010	0.09	0.2	0.03	1.6	<0.1	<0.05	5	<0.5	<0.2
1013816	Soil		8	26	0.73	229	0.098	<1	1.73	0.011	0.13	0.2	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
1013810	Soil		11	22	0.56	258	0.065	1	1.45	0.011	0.08	0.1	0.04	2.7	0.1	0.05	5	<0.5	<0.2
1013809	Soil		12	22	0.50	333	0.061	1	1.50	0.011	0.09	0.1	0.04	2.9	0.1	<0.05	5	<0.5	<0.2
1013805	Soil		10	22	0.48	279	0.055	2	1.40	0.011	0.08	0.1	0.03	2.0	0.1	<0.05	5	<0.5	<0.2
1013806	Soil		13	23	0.47	301	0.057	2	1.55	0.011	0.08	0.2	0.07	2.7	0.1	0.05	5	<0.5	<0.2
1013802	Soil		8	21	0.47	239	0.100	<1	1.28	0.012	0.28	<0.1	0.03	2.6	0.2	<0.05	5	<0.5	<0.2
1013744	Soil		10	28	0.76	302	0.062	1	1.74	0.013	0.07	0.2	0.04	3.3	0.1	0.06	5	0.5	<0.2
1013739	Soil		11	25	0.75	279	0.073	<1	1.66	0.012	0.11	0.1	0.06	3.5	0.1	<0.05	5	0.5	<0.2
1013748	Soil		9	23	0.45	198	0.044	2	1.26	0.013	0.07	0.1	0.04	1.4	<0.1	<0.05	4	<0.5	<0.2
1013741	Soil		8	30	0.69	209	0.083	1	1.38	0.013	0.11	0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1013746	Soil		10	28	0.54	280	0.058	2	1.66	0.013	0.07	0.1	0.06	2.6	0.1	0.07	5	<0.5	<0.2

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013835	Soil	0.6	82.2	10.3	136	<0.1	9.8	14.3	620	4.61	2.6	0.4	3.9	1.2	29	0.1	0.2	<0.1	119	0.32	0.052
1013828	Soil	1.0	38.2	10.2	124	<0.1	38.5	20.5	2112	3.03	4.4	0.2	4.1	0.4	33	0.2	0.3	<0.1	63	0.35	0.177
1013833	Soil	0.5	50.9	4.9	108	<0.1	14.9	20.0	343	2.89	3.5	0.5	0.9	1.3	17	0.1	0.2	<0.1	63	0.22	0.029
1013830	Soil	0.5	32.3	7.5	54	<0.1	19.6	12.4	267	2.54	4.3	0.3	2.2	2.0	55	<0.1	0.2	<0.1	66	0.51	0.015
1013834	Soil	1.2	33.1	7.6	77	<0.1	19.7	11.5	405	3.22	8.3	0.6	2.4	3.2	21	<0.1	0.4	0.2	76	0.15	0.025
1013811	Soil	0.9	24.4	7.3	65	0.2	15.5	7.5	247	2.14	4.4	0.8	2.7	1.1	23	0.3	0.2	0.2	50	0.29	0.054
1013814	Soil	0.9	32.6	5.8	70	0.2	18.7	12.6	464	2.50	6.9	0.8	3.7	1.2	23	0.3	0.2	0.1	62	0.26	0.054
1013840	Soil	0.9	25.4	5.6	119	0.1	16.1	10.4	492	3.89	6.2	0.5	1.7	2.3	20	0.1	0.4	0.1	78	0.28	0.087
1013848	Soil	0.8	54.0	5.1	67	<0.1	51.4	20.3	568	4.56	5.3	0.3	2.0	1.8	27	<0.1	0.3	0.1	113	0.61	0.055
1013823	Soil	0.8	27.3	6.9	94	<0.1	14.7	11.0	247	3.48	6.4	0.5	3.6	2.2	17	0.1	0.3	0.1	72	0.19	0.051
1013837	Soil	0.3	14.9	3.3	67	<0.1	6.1	20.4	825	6.28	1.2	1.0	1.0	4.8	16	<0.1	0.2	0.1	82	0.37	0.055
1013832	Soil	2.6	19.9	8.7	45	<0.1	21.0	9.3	280	3.40	10.3	0.5	<0.5	3.0	35	<0.1	0.6	0.2	64	0.14	0.038
1013847	Soil	0.9	67.3	7.1	56	<0.1	27.4	17.2	300	3.24	9.8	1.0	3.0	3.6	28	<0.1	0.5	0.1	80	0.43	0.074
1013836	Soil	0.3	11.6	3.2	62	<0.1	5.5	20.9	885	5.93	1.2	0.9	1.4	4.7	15	<0.1	0.2	0.1	82	0.40	0.053
1013842	Soil	0.8	13.1	5.2	109	<0.1	7.2	7.4	567	3.92	3.4	0.4	<0.5	2.3	20	0.2	0.2	<0.1	42	0.42	0.152
1011827	Soil	2.0	33.5	9.9	94	<0.1	11.8	12.9	438	4.21	87.2	1.6	1.5	10.9	11	<0.1	0.5	0.1	76	0.16	0.030
1013850	Soil	0.6	54.3	4.3	92	<0.1	18.3	27.2	652	5.94	1.5	0.4	<0.5	0.9	34	<0.1	<0.1	<0.1	150	0.99	0.196
1013845	Soil	0.9	34.9	4.8	79	<0.1	20.5	19.0	675	4.94	2.7	0.7	<0.5	3.8	29	<0.1	0.1	<0.1	128	0.34	0.063
1013843	Soil	0.8	26.0	8.1	57	<0.1	24.9	11.6	353	2.99	11.0	0.6	2.1	3.9	25	<0.1	0.6	0.1	65	0.24	0.037
1011826	Soil	1.2	19.1	9.1	60	0.1	18.5	9.2	285	3.36	9.4	0.5	11.9	3.6	16	<0.1	0.4	0.1	73	0.16	0.050
1013824	Soil	0.7	54.2	7.1	105	<0.1	19.8	17.1	404	4.10	3.4	0.3	0.8	1.3	46	0.1	0.2	<0.1	116	0.41	0.035
1013846	Soil	0.8	14.8	10.5	80	<0.1	10.7	13.4	565	4.32	3.8	2.8	<0.5	25.7	15	0.1	0.4	<0.1	68	0.17	0.025
1013827	Soil	0.5	39.8	3.2	60	<0.1	13.0	16.3	438	2.95	2.0	0.1	<0.5	0.7	85	<0.1	0.2	<0.1	79	0.56	0.063
1013829	Soil	1.1	21.1	8.5	52	0.1	20.8	13.8	310	3.43	7.8	0.4	2.8	2.4	16	<0.1	0.5	0.1	86	0.19	0.024
1013831	Soil	3.0	50.9	7.4	93	<0.1	8.3	4.9	456	6.31	4.1	0.5	1.7	2.7	66	<0.1	0.2	0.3	99	0.11	0.099
1011824	Soil	1.3	142.5	6.1	216	<0.1	15.5	19.0	990	6.37	1.5	0.5	<0.5	4.0	11	0.3	0.1	<0.1	149	0.24	0.118
1011821	Soil	1.1	21.2	8.0	51	<0.1	14.9	11.3	356	3.29	5.3	0.7	5.2	2.4	17	<0.1	0.4	<0.1	77	0.24	0.047
1013849	Soil	1.2	23.8	15.0	61	0.2	19.8	10.9	305	3.07	7.6	0.8	2.7	4.4	23	0.1	0.4	<0.1	65	0.24	0.022
1013838	Soil	0.9	12.5	7.5	59	<0.1	17.3	13.5	721	3.42	5.9	0.4	0.7	2.4	27	0.1	0.5	<0.1	86	0.33	0.043
1013825	Soil	0.3	69.2	3.9	59	<0.1	32.3	16.6	469	4.01	2.0	0.4	0.9	1.5	43	<0.1	0.2	<0.1	127	0.58	0.034

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013835	Soil	4	14	1.42	248	0.164	<1	3.20	0.016	0.28	<0.1	0.02	5.1	<0.1	<0.05	8	1.0	<0.2
1013828	Soil	2	17	1.61	280	0.111	<1	2.46	0.007	0.23	<0.1	0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1013833	Soil	4	24	0.91	139	0.058	<1	2.67	0.022	0.07	<0.1	0.01	4.5	<0.1	<0.05	5	<0.5	<0.2
1013830	Soil	7	28	0.97	222	0.110	<1	2.41	0.016	0.07	<0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1013834	Soil	8	32	0.88	315	0.118	1	2.66	0.014	0.20	<0.1	0.03	3.6	0.1	<0.05	6	0.7	<0.2
1013811	Soil	10	26	0.58	247	0.068	2	1.49	0.010	0.10	0.1	0.05	2.9	0.1	<0.05	5	<0.5	<0.2
1013814	Soil	9	25	0.75	251	0.093	1	1.73	0.011	0.09	0.1	0.05	2.9	0.1	<0.05	5	<0.5	<0.2
1013840	Soil	9	26	1.37	285	0.112	2	2.71	0.010	0.15	<0.1	0.02	8.7	0.1	<0.05	9	<0.5	<0.2
1013848	Soil	4	129	1.63	173	0.258	1	2.94	0.056	0.07	<0.1	0.03	5.8	<0.1	<0.05	7	<0.5	<0.2
1013823	Soil	8	27	1.10	151	0.107	1	2.41	0.010	0.10	<0.1	0.02	5.4	0.1	<0.05	7	<0.5	<0.2
1013837	Soil	23	7	0.29	398	0.002	2	1.10	0.006	0.06	<0.1	0.02	18.6	<0.1	<0.05	3	<0.5	<0.2
1013832	Soil	8	34	0.44	246	0.060	<1	2.17	0.019	0.10	0.2	0.02	2.5	<0.1	0.10	5	0.8	<0.2
1013847	Soil	15	43	0.84	207	0.109	1	2.25	0.031	0.07	0.2	0.03	6.1	<0.1	<0.05	6	<0.5	<0.2
1013836	Soil	21	6	0.32	394	0.004	<1	1.09	0.008	0.06	<0.1	0.02	20.8	<0.1	<0.05	3	0.6	<0.2
1013842	Soil	7	15	1.40	237	0.079	<1	2.45	0.009	0.24	<0.1	0.01	8.3	<0.1	<0.05	12	<0.5	<0.2
1011827	Soil	25	14	0.58	179	0.024	<1	1.86	0.004	0.19	<0.1	0.03	7.8	0.1	<0.05	4	<0.5	<0.2
1013850	Soil	9	37	2.79	332	0.331	1	3.81	0.029	0.33	<0.1	<0.01	4.3	<0.1	<0.05	8	<0.5	<0.2
1013845	Soil	9	41	2.51	385	0.240	<1	3.81	0.011	0.59	<0.1	0.02	5.7	0.1	<0.05	12	<0.5	<0.2
1013843	Soil	9	36	0.68	190	0.085	1	2.15	0.011	0.07	<0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1011826	Soil	10	38	0.63	187	0.077	2	2.16	0.010	0.07	0.1	0.02	3.4	<0.1	<0.05	7	<0.5	<0.2
1013824	Soil	6	55	1.87	216	0.211	<1	2.95	0.025	0.31	<0.1	0.02	4.9	<0.1	<0.05	9	<0.5	<0.2
1013846	Soil	11	26	0.83	129	0.020	<1	2.44	0.008	0.05	0.1	<0.01	4.8	<0.1	<0.05	10	<0.5	<0.2
1013827	Soil	2	21	1.22	270	0.160	<1	2.63	0.019	0.25	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1013829	Soil	7	37	0.65	233	0.100	<1	2.36	0.010	0.05	<0.1	0.02	2.4	<0.1	<0.05	7	<0.5	<0.2
1013831	Soil	8	20	1.34	210	0.040	<1	2.47	0.091	0.11	<0.1	<0.01	7.8	<0.1	0.36	8	6.6	0.8
1011824	Soil	12	39	3.10	738	0.234	<1	4.06	0.016	1.02	<0.1	<0.01	15.5	0.2	<0.05	15	0.5	<0.2
1011821	Soil	10	28	0.48	213	0.056	<1	1.82	0.009	0.04	0.1	0.03	5.6	<0.1	<0.05	6	<0.5	<0.2
1013849	Soil	13	38	0.62	285	0.082	<1	2.18	0.011	0.06	<0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1013838	Soil	6	29	0.86	358	0.086	<1	2.41	0.014	0.11	0.1	<0.01	4.5	<0.1	<0.05	8	<0.5	<0.2
1013825	Soil	6	78	2.45	150	0.107	<1	3.33	0.025	0.03	<0.1	0.02	10.1	<0.1	<0.05	7	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000422.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011813	Soil	0.8	16.4	5.5	42	<0.1	16.4	13.0	402	2.64	4.2	0.2	<0.5	2.3	34	<0.1	0.3	<0.1	63	0.52	0.028
1011817	Soil	0.7	42.0	6.0	66	0.1	26.2	19.2	650	3.54	5.8	0.5	1.5	3.1	30	0.1	0.4	<0.1	76	0.50	0.049
1013511	Soil	0.7	19.9	7.5	50	<0.1	22.8	13.9	642	3.02	6.7	0.3	<0.5	3.7	26	<0.1	0.5	<0.1	66	0.39	0.024
1011818	Soil	0.7	22.0	5.4	57	<0.1	20.5	17.4	570	3.28	6.2	0.3	<0.5	2.6	27	<0.1	0.4	<0.1	77	0.47	0.036
1011820	Soil	0.9	22.5	7.5	55	<0.1	19.6	14.4	479	3.02	6.7	0.7	<0.5	3.2	28	0.1	0.5	<0.1	69	0.42	0.027
1011823	Soil	1.1	24.0	8.0	77	0.1	17.7	15.9	769	4.90	6.5	0.4	<0.5	2.8	12	0.1	0.4	0.1	124	0.22	0.076
1013826	Soil	0.4	67.6	4.2	60	<0.1	32.7	16.8	469	3.96	2.1	0.4	1.1	1.4	44	<0.1	0.2	<0.1	123	0.56	0.030
1011812	Soil	0.5	20.9	6.9	49	0.1	21.5	15.2	760	3.10	4.1	0.2	<0.5	2.8	33	0.1	0.3	<0.1	70	0.53	0.025
1011816	Soil	0.8	29.4	7.1	52	0.1	22.4	14.3	623	3.10	8.2	0.3	1.5	3.8	27	<0.1	0.5	<0.1	71	0.48	0.022
1011815	Soil	0.7	24.6	7.7	47	0.1	22.4	13.4	472	3.02	6.6	0.3	<0.5	3.8	28	0.1	0.5	<0.1	67	0.38	0.018
1013841	Soil	0.8	29.7	4.5	217	<0.1	14.6	9.5	868	6.50	2.9	0.4	<0.5	2.2	12	0.1	0.2	<0.1	109	0.21	0.083
1011822	Soil	0.9	55.7	4.8	184	<0.1	20.0	17.9	1113	6.10	<0.5	0.6	<0.5	4.3	18	0.2	<0.1	<0.1	161	0.54	0.143
1013844	Soil	0.9	14.0	10.3	83	<0.1	21.2	23.9	524	4.09	6.4	0.6	<0.5	3.3	13	0.3	0.3	0.2	98	0.26	0.067
1013839	Soil	1.4	36.1	8.5	75	<0.1	15.0	13.0	444	4.08	7.2	0.4	2.6	2.4	14	0.2	0.4	<0.1	116	0.19	0.040
1011825	Soil	1.1	28.3	9.0	71	0.3	16.7	12.2	397	4.02	6.0	0.5	<0.5	2.4	16	0.1	0.5	<0.1	88	0.21	0.042
1013507	Soil	0.6	20.1	8.2	62	<0.1	20.4	14.0	493	2.93	5.1	0.4	<0.5	2.7	23	0.2	0.3	0.2	68	0.37	0.025
1013512	Soil	0.7	33.0	7.4	60	<0.1	25.2	14.3	428	2.99	7.6	0.5	1.9	3.2	28	0.2	0.6	0.2	70	0.44	0.041
1014546	Soil	0.6	36.6	6.6	55	0.1	21.7	15.3	470	2.90	4.0	0.4	7.8	2.2	29	0.3	0.4	0.2	68	0.47	0.026
1011807	Soil	0.8	17.1	7.8	51	<0.1	20.7	13.7	721	3.19	6.8	0.5	<0.5	6.7	23	0.2	0.4	0.2	66	0.42	0.021
1011809	Soil	0.5	45.2	6.7	58	0.1	21.4	15.4	600	3.02	4.0	0.7	<0.5	2.4	44	0.3	0.4	0.2	68	0.87	0.063
1011814	Soil	0.5	28.1	6.2	62	<0.1	22.4	15.4	477	3.06	5.6	0.3	<0.5	3.2	23	0.2	0.4	0.2	72	0.35	0.034
1013510	Soil	0.7	16.4	6.5	55	<0.1	18.2	13.8	459	2.79	5.5	0.3	0.6	2.8	23	0.1	0.4	0.2	67	0.31	0.020
1014547	Soil	0.5	19.3	5.1	63	<0.1	21.1	18.8	519	3.35	5.0	0.3	2.1	2.3	21	0.2	0.2	0.1	81	0.36	0.051
1013509	Soil	0.6	21.9	7.7	68	<0.1	22.6	14.8	565	2.99	6.7	0.3	1.5	3.3	22	0.2	0.5	0.2	69	0.30	0.025
1011810	Soil	0.6	46.1	7.2	77	<0.1	29.9	20.0	636	3.87	7.9	0.4	4.7	3.6	33	0.1	0.4	0.1	96	0.47	0.045
1013516	Soil	0.6	17.9	6.6	41	<0.1	18.5	11.3	594	2.96	5.5	0.6	3.3	4.9	26	0.1	0.4	0.1	62	0.49	0.024
1013517	Soil	0.9	15.8	7.9	51	<0.1	19.2	12.3	593	3.07	7.5	0.7	1.2	6.9	22	0.1	0.4	0.2	61	0.40	0.022
1011819	Soil	0.6	44.7	7.2	66	<0.1	24.5	17.0	560	3.26	8.0	0.7	3.2	3.6	28	0.2	0.4	0.1	75	0.48	0.046
1011811	Soil	0.6	32.2	6.7	71	<0.1	23.6	18.1	632	3.40	6.4	0.3	3.2	3.0	27	0.2	0.3	0.1	84	0.44	0.047
1013508	Soil	0.8	35.6	7.1	66	<0.1	27.3	16.0	437	3.27	8.2	0.4	2.9	3.8	25	0.2	0.5	0.1	79	0.36	0.041

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011813	Soil	6	30	0.81	348	0.129	2	1.62	0.014	0.29	<0.1	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1011817	Soil	9	38	1.32	404	0.179	2	2.16	0.012	0.61	<0.1	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
1013511	Soil	10	36	0.75	404	0.131	1	1.77	0.014	0.43	0.2	0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1011818	Soil	6	32	1.17	307	0.171	1	1.96	0.012	0.39	0.2	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1011820	Soil	11	34	0.77	254	0.111	1	1.71	0.014	0.16	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1011823	Soil	9	35	1.53	178	0.095	<1	2.92	0.010	0.10	0.2	0.02	8.2	<0.1	<0.05	11	<0.5	<0.2
1013826	Soil	7	79	2.32	160	0.108	<1	3.26	0.026	0.03	<0.1	0.02	9.6	<0.1	<0.05	7	<0.5	<0.2
1011812	Soil	7	39	0.97	537	0.157	2	1.88	0.016	0.50	<0.1	<0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1011816	Soil	10	36	0.85	425	0.130	1	1.72	0.018	0.38	0.2	0.03	4.3	<0.1	<0.05	5	<0.5	<0.2
1011815	Soil	10	36	0.73	383	0.134	1	1.72	0.017	0.36	0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1013841	Soil	8	45	2.12	234	0.083	1	3.55	0.008	0.25	<0.1	0.03	15.9	<0.1	<0.05	14	<0.5	<0.2
1011822	Soil	16	68	3.13	877	0.295	<1	3.58	0.015	0.81	0.1	<0.01	18.1	0.1	<0.05	15	<0.5	<0.2
1013844	Soil	7	37	1.33	240	0.172	<1	3.31	0.025	0.30	<0.1	0.01	7.3	<0.1	<0.05	10	<0.5	<0.2
1013839	Soil	6	29	0.74	206	0.056	<1	2.47	0.019	0.07	0.1	0.02	6.4	<0.1	<0.05	8	<0.5	<0.2
1011825	Soil	8	32	1.11	202	0.154	<1	2.68	0.013	0.25	0.1	0.02	4.3	<0.1	<0.05	8	<0.5	<0.2
1013507	Soil	8	35	0.85	303	0.120	2	1.67	0.011	0.45	0.1	0.01	3.5	0.1	<0.05	5	<0.5	<0.2
1013512	Soil	10	32	1.00	303	0.130	2	1.73	0.015	0.37	0.1	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1014546	Soil	6	36	1.06	403	0.148	2	1.73	0.012	0.52	0.1	0.04	3.0	0.1	<0.05	5	<0.5	<0.2
1011807	Soil	21	34	0.64	376	0.079	2	1.75	0.012	0.25	0.1	0.02	6.0	<0.1	<0.05	5	<0.5	<0.2
1011809	Soil	8	34	1.15	411	0.120	3	1.72	0.014	0.47	0.1	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1011814	Soil	8	36	1.10	337	0.151	2	1.90	0.011	0.53	0.1	0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1013510	Soil	7	31	0.82	359	0.144	<1	1.59	0.012	0.48	0.1	0.03	3.3	0.1	<0.05	4	<0.5	<0.2
1014547	Soil	5	35	1.35	386	0.195	1	2.04	0.011	0.79	0.1	0.03	2.8	0.2	<0.05	5	<0.5	<0.2
1013509	Soil	9	35	0.81	307	0.136	2	1.59	0.013	0.53	0.1	0.04	3.9	0.1	<0.05	4	<0.5	<0.2
1011810	Soil	9	46	1.50	346	0.210	2	2.21	0.013	0.70	0.1	0.03	4.7	0.2	<0.05	6	<0.5	<0.2
1013516	Soil	16	26	0.56	483	0.071	1	1.55	0.013	0.16	0.1	0.03	4.1	<0.1	<0.05	5	<0.5	<0.2
1013517	Soil	17	32	0.54	471	0.081	<1	1.65	0.011	0.22	0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1011819	Soil	10	39	1.10	265	0.131	2	1.73	0.016	0.25	0.2	0.05	4.4	<0.1	<0.05	5	<0.5	<0.2
1011811	Soil	8	40	1.26	443	0.187	3	2.05	0.014	0.85	<0.1	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1013508	Soil	11	39	1.11	328	0.166	<1	1.96	0.014	0.62	0.1	0.03	4.4	0.2	<0.05	5	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011589	Soil	0.7	19.1	6.3	50	<0.1	19.0	13.4	394	2.92	5.0	0.5	3.8	4.3	39	0.2	0.2	0.2	73	0.51	0.029
1011585	Soil	0.7	18.6	6.4	53	<0.1	18.3	14.3	415	3.22	4.6	0.5	<0.5	4.9	43	<0.1	0.2	0.2	81	0.52	0.031
1011566	Soil	0.5	29.0	5.7	57	<0.1	16.1	11.6	483	2.50	3.8	0.9	1.1	2.4	37	0.2	0.3	0.1	54	0.86	0.052
1011586	Soil	1.0	26.7	9.6	61	<0.1	29.1	16.2	487	3.41	7.4	0.7	0.9	5.5	28	0.2	0.4	0.1	80	0.40	0.028
1011563	Soil	0.5	30.6	5.9	71	<0.1	26.0	19.1	621	3.71	5.1	0.7	<0.5	7.0	29	0.1	0.3	0.1	84	0.46	0.053
1011567	Soil	0.7	31.3	7.0	72	<0.1	28.3	20.1	917	4.06	6.0	0.6	0.8	5.3	27	0.2	0.5	0.1	77	0.57	0.029
1011590	Soil	0.6	40.7	6.0	74	<0.1	23.1	19.0	625	3.65	5.6	0.6	4.2	4.5	71	0.2	0.5	0.1	96	4.21	0.069
1011588	Soil	0.4	19.2	5.3	52	<0.1	11.9	17.9	497	3.62	2.1	0.7	1.0	4.2	63	0.1	0.2	0.3	96	1.04	0.041
1011562	Soil	0.8	21.8	5.7	66	<0.1	17.5	17.0	558	3.34	4.1	0.6	2.3	5.5	25	<0.1	0.3	<0.1	80	0.39	0.037
1011559	Soil	0.6	25.8	7.8	67	0.1	21.2	15.5	936	3.14	4.5	0.3	0.6	3.9	27	0.1	0.3	0.1	66	0.48	0.035
1014549	Soil	0.7	31.3	6.6	62	<0.1	18.4	16.1	754	3.52	5.3	0.7	8.4	7.4	20	<0.1	0.4	0.1	64	0.44	0.042
1014548	Soil	0.7	36.3	5.5	65	0.2	27.0	15.9	646	3.58	8.4	0.6	5.6	6.2	28	0.1	0.5	<0.1	78	1.20	0.050
1013515	Soil	0.6	28.8	6.4	60	0.1	24.8	15.4	635	3.41	8.0	0.6	2.4	6.2	23	0.2	0.4	0.1	76	0.68	0.038
1011568	Soil	0.7	27.9	7.2	64	<0.1	22.8	17.7	812	3.62	6.8	0.5	3.4	4.7	29	0.1	0.4	0.1	75	0.50	0.033
1011573	Soil	0.9	34.2	7.0	79	0.1	27.8	20.8	748	4.06	6.0	0.7	1.2	5.0	32	0.1	0.3	<0.1	85	0.49	0.044
1011583	Soil	0.6	38.3	8.6	67	0.1	21.2	15.3	676	3.44	4.2	1.2	7.4	10.9	70	0.1	0.4	0.2	72	4.37	0.047
1011565	Soil	1.1	19.8	6.3	71	<0.1	15.3	16.4	687	3.34	3.4	0.6	5.7	5.1	32	<0.1	0.4	<0.1	70	0.54	0.036
1011569	Soil	0.7	26.6	8.0	74	<0.1	25.4	16.6	951	3.48	4.4	0.6	2.5	3.7	38	0.2	0.4	0.1	70	0.68	0.049
1011571	Soil	0.7	28.0	7.9	65	<0.1	21.9	15.9	814	3.13	5.6	0.5	2.6	4.1	30	<0.1	0.4	0.2	67	0.49	0.034
1011572	Soil	0.8	32.6	7.0	60	<0.1	28.6	15.5	451	3.17	9.7	0.6	4.2	4.8	29	0.1	0.5	0.1	71	0.43	0.040
1011587	Soil	0.8	14.6	5.6	53	<0.1	14.3	13.4	448	3.13	3.0	0.6	1.8	3.2	24	0.1	0.4	0.2	73	0.40	0.020
1011579	Soil	0.7	28.9	7.2	48	<0.1	24.2	11.1	351	2.79	9.4	0.6	2.7	4.0	32	0.2	0.6	0.2	66	0.42	0.034
1011580	Soil	0.8	28.0	7.7	58	<0.1	24.9	11.9	385	2.93	9.0	0.9	4.5	5.3	29	0.2	0.5	0.2	70	0.46	0.050
1011560	Soil	0.8	40.0	6.1	80	<0.1	22.1	18.8	718	3.79	6.0	0.7	3.5	6.3	40	0.1	0.4	0.2	83	0.60	0.049
1011582	Soil	0.6	39.9	8.2	60	0.1	23.9	14.0	597	3.16	6.4	1.0	6.7	8.1	66	0.2	0.5	0.2	71	3.55	0.041
1011561	Soil	0.8	19.4	7.0	68	<0.1	19.9	15.1	807	2.99	5.1	0.4	1.2	4.5	32	0.2	0.4	0.2	68	0.50	0.035
1011564	Soil	0.7	27.9	4.9	90	<0.1	16.8	22.1	806	4.25	4.3	0.7	3.8	7.9	30	<0.1	0.3	0.1	97	0.49	0.047
1011557	Soil	0.7	39.2	8.4	69	<0.1	28.2	18.0	593	3.68	7.7	0.6	4.0	4.8	32	0.1	0.4	0.2	84	0.63	0.046
1011584	Soil	0.8	49.9	6.8	60	0.2	26.6	14.2	470	2.95	9.5	0.9	6.0	2.9	103	0.2	0.6	0.2	73	7.47	0.038
1011558	Soil	0.7	19.3	6.5	77	<0.1	19.3	17.7	816	3.43	2.9	0.4	2.3	4.5	30	0.1	0.4	0.2	82	0.57	0.038

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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000422.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011589	Soil	10	32	0.86	155	0.115	1	1.94	0.015	0.17	0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
1011585	Soil	9	33	0.97	157	0.133	<1	2.23	0.015	0.23	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1011566	Soil	12	25	0.81	264	0.095	2	1.46	0.014	0.29	0.1	0.05	2.9	<0.1	<0.05	4	<0.5	<0.2
1011586	Soil	11	48	1.03	174	0.103	<1	2.12	0.013	0.09	0.1	0.02	5.5	<0.1	<0.05	6	<0.5	<0.2
1011563	Soil	16	42	1.48	276	0.222	1	2.32	0.010	0.70	0.1	0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1011567	Soil	19	39	1.26	501	0.101	3	2.31	0.011	0.40	0.1	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1011590	Soil	14	33	1.56	179	0.209	2	2.52	0.030	0.18	0.2	0.04	5.0	0.1	<0.05	7	<0.5	<0.2
1011588	Soil	8	28	1.28	118	0.184	<1	3.19	0.018	0.12	0.3	<0.01	5.7	<0.1	<0.05	8	<0.5	<0.2
1011562	Soil	14	32	1.13	294	0.192	1	1.97	0.011	0.54	0.1	<0.01	3.4	0.1	<0.05	5	0.6	<0.2
1011559	Soil	10	32	0.88	384	0.135	4	1.73	0.016	0.59	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1014549	Soil	21	27	1.02	408	0.093	2	2.01	0.010	0.48	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1014548	Soil	18	32	1.24	331	0.142	2	2.01	0.015	0.34	0.1	0.06	4.9	0.1	<0.05	6	<0.5	<0.2
1013515	Soil	17	33	1.05	334	0.131	1	1.95	0.014	0.32	0.1	0.04	4.9	0.1	<0.05	5	<0.5	<0.2
1011568	Soil	15	36	1.07	445	0.112	2	2.15	0.015	0.25	0.1	0.04	4.7	<0.1	<0.05	6	<0.5	<0.2
1011573	Soil	13	40	1.43	354	0.168	1	2.52	0.010	0.44	0.1	0.03	4.1	0.2	<0.05	7	<0.5	<0.2
1011583	Soil	23	31	1.19	289	0.039	1	1.86	0.016	0.08	0.2	0.04	5.7	<0.1	<0.05	6	<0.5	<0.2
1011565	Soil	13	31	0.91	410	0.091	1	2.05	0.009	0.12	0.1	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1011569	Soil	17	49	0.99	657	0.075	3	2.13	0.014	0.34	<0.1	0.03	4.9	<0.1	<0.05	6	<0.5	<0.2
1011571	Soil	13	35	0.90	424	0.111	1	1.84	0.012	0.23	0.1	0.03	4.1	0.1	<0.05	5	<0.5	<0.2
1011572	Soil	16	37	1.00	207	0.135	<1	1.89	0.013	0.29	0.2	0.03	4.3	0.1	<0.05	5	<0.5	<0.2
1011587	Soil	9	38	0.99	215	0.048	1	2.00	0.008	0.05	0.1	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1011579	Soil	14	38	0.60	214	0.088	<1	1.68	0.014	0.08	0.2	0.04	5.1	<0.1	<0.05	5	<0.5	<0.2
1011580	Soil	15	39	0.71	183	0.096	2	1.59	0.018	0.10	0.2	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
1011560	Soil	16	39	1.35	254	0.116	1	2.35	0.012	0.14	<0.1	0.03	5.7	<0.1	<0.05	7	<0.5	<0.2
1011582	Soil	22	35	1.11	254	0.063	1	1.83	0.017	0.08	0.1	0.04	5.0	<0.1	<0.05	6	<0.5	<0.2
1011561	Soil	12	34	0.80	387	0.149	3	1.80	0.015	0.41	0.1	<0.01	3.6	0.1	<0.05	5	<0.5	<0.2
1011564	Soil	15	35	1.78	343	0.266	1	2.66	0.012	1.07	0.1	0.01	2.8	0.3	<0.05	7	<0.5	<0.2
1011557	Soil	13	47	1.31	224	0.131	1	2.19	0.020	0.09	0.2	0.02	5.1	<0.1	<0.05	6	<0.5	<0.2
1011584	Soil	13	36	1.13	227	0.088	3	1.98	0.019	0.07	0.1	0.06	4.7	<0.1	0.07	6	<0.5	<0.2
1011558	Soil	12	37	1.30	416	0.197	3	2.16	0.018	0.68	0.1	<0.01	3.9	0.2	<0.05	7	<0.5	<0.2

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Project: PED
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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028584	Soil	0.6	31.9	5.8	152	0.1	19.3	18.1	722	4.04	2.3	0.4	26.1	1.9	27	0.2	0.2	0.1	114	0.54	0.090
1028569	Soil	1.0	103.4	7.8	183	0.1	11.4	23.6	1175	5.86	3.3	0.6	3.4	2.2	24	0.2	0.4	0.1	160	0.71	0.037
1028585	Soil	1.0	22.6	6.7	82	<0.1	25.7	12.4	530	3.52	5.9	0.6	1.4	6.5	19	0.1	0.3	0.2	80	0.33	0.036
1028567	Soil	0.8	35.0	6.6	70	<0.1	26.2	12.4	381	3.34	7.5	0.6	5.5	4.8	21	<0.1	0.4	0.1	85	0.25	0.019
1028583	Soil	1.3	28.0	6.8	60	<0.1	32.6	16.3	1200	3.56	8.9	0.4	2.9	2.2	20	0.2	0.4	0.2	95	0.37	0.055
1011577	Soil	0.9	22.0	5.9	82	<0.1	19.4	19.8	730	4.07	5.5	0.6	1.1	4.8	34	0.1	0.3	0.1	92	0.46	0.039
1011581	Soil	0.8	43.7	11.6	73	<0.1	19.1	17.0	698	4.34	5.8	1.6	4.5	14.5	28	0.1	0.3	0.2	96	0.53	0.044
1028578	Soil	2.8	83.2	27.3	94	<0.1	23.0	18.0	606	4.82	24.5	1.8	2.2	9.4	20	0.1	0.5	0.4	71	0.24	0.063
1028587	Soil	0.8	32.8	6.2	85	<0.1	17.7	8.7	426	3.46	6.6	0.8	9.2	6.5	17	0.1	0.5	<0.1	49	0.29	0.046
1028570	Soil	1.1	86.7	9.6	214	0.1	15.6	22.4	1150	5.17	4.2	0.4	1.2	1.8	34	0.2	0.3	<0.1	136	0.32	0.038
1011570	Soil	0.8	28.1	6.7	73	<0.1	21.6	17.9	865	3.71	6.0	0.4	2.6	4.7	32	0.1	0.3	<0.1	81	0.52	0.035
1011574	Soil	0.7	25.3	5.6	62	<0.1	18.0	15.2	548	3.11	4.7	0.5	1.3	3.9	26	<0.1	0.3	<0.1	72	0.41	0.040
1011578	Soil	0.7	23.4	6.7	117	<0.1	19.6	19.5	754	4.02	6.2	0.8	1.7	5.9	44	<0.1	0.3	<0.1	91	0.58	0.033
1011575	Soil	0.8	34.1	7.1	70	<0.1	24.3	15.6	565	3.63	8.5	0.8	1.1	4.8	37	<0.1	0.5	<0.1	79	0.53	0.056
1011576	Soil	0.8	25.2	6.4	73	<0.1	18.9	17.4	694	3.51	5.3	0.6	3.0	4.6	35	<0.1	0.3	<0.1	77	0.48	0.039
1028551	Soil	1.2	34.1	6.8	43	0.1	11.3	9.3	272	3.91	4.7	0.5	2.2	1.7	23	<0.1	0.2	<0.1	110	0.28	0.090
1028564	Soil	1.5	75.6	4.7	104	<0.1	9.2	9.7	428	5.19	1.9	0.9	2.5	3.6	40	<0.1	<0.1	0.1	161	0.19	0.050
1028562	Soil	1.1	28.8	7.4	104	0.1	21.1	17.3	603	4.54	6.7	0.4	1.2	1.9	25	0.1	0.3	<0.1	104	0.35	0.066
1028561	Soil	0.9	32.0	7.4	53	<0.1	24.1	11.5	375	2.93	8.4	0.7	2.3	4.3	38	<0.1	0.5	<0.1	78	0.47	0.033
1028560	Soil	0.8	35.1	6.4	61	<0.1	23.0	13.8	324	3.58	7.3	0.5	1.2	2.8	50	<0.1	0.3	<0.1	104	0.49	0.024
1028566	Soil	<0.1	156.9	1.9	125	<0.1	27.6	31.6	537	3.75	1.0	0.5	3.1	0.8	46	<0.1	<0.1	<0.1	95	0.82	0.112
1028553	Soil	0.9	61.2	4.4	458	<0.1	10.2	26.1	899	7.77	2.3	0.3	1.4	1.2	8	0.2	0.1	<0.1	260	0.15	0.064
1028565	Soil	1.4	34.4	5.0	123	<0.1	6.4	6.0	469	4.69	8.6	1.0	1.2	5.0	67	<0.1	<0.1	0.1	117	0.08	0.088
1028552	Soil	1.0	39.4	3.7	52	<0.1	14.2	8.0	391	6.09	2.6	0.5	2.7	2.0	26	<0.1	0.1	<0.1	133	0.39	0.194
1028563	Soil	0.7	118.7	4.1	147	<0.1	10.2	22.5	826	5.21	0.9	0.4	2.2	1.2	38	<0.1	<0.1	<0.1	150	0.41	0.063
1028568	Soil	1.2	24.8	9.7	89	<0.1	12.4	15.4	649	4.64	3.1	0.7	4.5	3.3	33	<0.1	0.3	0.2	85	0.32	0.040
1028586	Soil	0.6	37.0	12.2	79	<0.1	20.0	12.0	453	3.03	5.3	0.5	6.0	2.8	23	0.1	0.3	<0.1	73	0.38	0.069
1028579	Soil	0.9	28.8	8.2	135	0.1	53.2	23.8	960	3.93	4.4	0.3	3.1	1.5	63	0.2	0.3	0.1	88	0.67	0.185
1028580	Soil	1.5	17.0	9.9	48	<0.1	11.5	7.2	166	2.81	5.2	1.8	<0.5	6.9	30	<0.1	0.2	0.1	33	0.13	0.041
1028554	Soil	0.4	60.9	3.1	276	<0.1	15.0	18.3	518	5.04	1.2	0.2	<0.5	0.4	366	0.2	<0.1	<0.1	84	0.89	0.278

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028584	Soil	6	38	1.93	465	0.223	2	3.15	0.020	0.35	<0.1	<0.01	6.1	0.1	<0.05	11	<0.5	<0.2
1028569	Soil	12	14	1.28	222	0.024	<1	3.02	0.030	0.05	<0.1	0.03	17.9	<0.1	<0.05	10	<0.5	<0.2
1028585	Soil	10	50	0.97	272	0.103	2	1.97	0.014	0.32	<0.1	<0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
1028567	Soil	11	36	1.00	366	0.125	<1	2.47	0.015	0.08	<0.1	<0.01	4.6	<0.1	<0.05	7	<0.5	<0.2
1028583	Soil	8	56	0.94	360	0.112	<1	2.33	0.029	0.07	0.1	0.02	4.3	<0.1	<0.05	8	<0.5	<0.2
1011577	Soil	14	36	1.46	299	0.252	2	2.58	0.012	0.74	0.1	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1011581	Soil	26	35	1.24	243	0.078	1	2.67	0.010	0.19	0.1	0.01	9.1	<0.1	<0.05	9	<0.5	<0.2
1028578	Soil	17	35	0.90	168	0.131	<1	2.51	0.009	0.08	0.1	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
1028587	Soil	25	22	1.01	211	0.095	<1	1.92	0.012	0.21	<0.1	<0.01	7.0	<0.1	<0.05	8	<0.5	<0.2
1028570	Soil	5	25	1.89	667	0.209	1	3.64	0.012	0.49	<0.1	0.02	4.8	0.2	<0.05	12	<0.5	<0.2
1011570	Soil	14	37	1.23	383	0.172	2	2.28	0.012	0.56	<0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
1011574	Soil	10	32	1.03	270	0.186	2	1.83	0.012	0.64	0.1	0.02	3.1	0.2	<0.05	5	<0.5	<0.2
1011578	Soil	17	36	1.33	218	0.217	1	2.68	0.012	0.42	0.1	0.02	4.6	0.1	<0.05	8	<0.5	<0.2
1011575	Soil	14	39	1.03	308	0.176	3	2.23	0.015	0.40	0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1011576	Soil	13	34	1.17	281	0.200	1	2.21	0.013	0.46	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1028551	Soil	6	29	1.05	247	0.148	<1	2.21	0.031	0.27	<0.1	0.01	4.9	<0.1	0.11	9	1.0	<0.2
1028564	Soil	10	25	1.71	537	0.217	<1	3.35	0.019	1.16	<0.1	0.02	9.5	0.2	0.21	10	2.7	0.5
1028562	Soil	6	36	1.67	231	0.245	1	3.39	0.013	0.35	<0.1	0.02	3.9	<0.1	<0.05	10	<0.5	<0.2
1028561	Soil	15	40	0.77	279	0.111	<1	1.92	0.025	0.05	0.1	0.02	5.7	<0.1	<0.05	5	<0.5	<0.2
1028560	Soil	8	37	1.07	254	0.125	<1	3.20	0.023	0.06	<0.1	0.01	5.5	<0.1	<0.05	8	<0.5	<0.2
1028566	Soil	4	15	1.64	180	0.150	<1	3.58	0.029	0.13	<0.1	<0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
1028553	Soil	4	17	3.80	234	0.172	<1	4.65	0.009	0.13	<0.1	0.02	10.8	<0.1	<0.05	17	<0.5	<0.2
1028565	Soil	18	44	1.50	504	0.177	<1	3.04	0.020	0.69	<0.1	0.01	12.1	0.2	0.33	11	1.5	0.5
1028552	Soil	8	44	2.50	831	0.234	<1	3.69	0.026	0.92	0.1	0.02	10.7	0.4	0.27	14	0.8	<0.2
1028563	Soil	4	21	2.19	493	0.253	<1	3.54	0.017	0.98	<0.1	<0.01	5.2	0.3	<0.05	10	<0.5	0.2
1028568	Soil	5	28	1.39	204	0.023	1	2.49	0.006	0.07	<0.1	<0.01	5.6	<0.1	<0.05	9	<0.5	<0.2
1028586	Soil	11	25	1.09	207	0.121	1	1.76	0.012	0.41	0.1	0.02	3.9	0.2	<0.05	5	<0.5	<0.2
1028579	Soil	5	78	1.43	315	0.155	1	2.67	0.015	0.10	0.1	0.02	3.0	<0.1	<0.05	8	<0.5	<0.2
1028580	Soil	11	17	0.28	220	0.024	<1	1.77	0.010	0.06	0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1028554	Soil	2	35	2.18	303	0.157	<1	3.43	0.029	0.35	<0.1	<0.01	3.9	0.1	<0.05	10	0.6	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000422.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013860	Soil	0.7	29.0	6.9	75	0.1	16.7	11.9	404	3.24	4.6	0.5	8.4	2.4	26	0.2	0.3	<0.1	67	0.34	0.060
1011793	Soil	0.9	13.4	5.7	37	<0.1	10.7	5.5	228	1.84	3.2	0.3	1.4	0.8	26	0.7	0.3	0.1	63	0.31	0.041
1013862	Soil	0.8	17.1	9.4	63	<0.1	14.8	8.0	277	3.52	7.0	0.4	2.5	1.4	16	0.2	0.3	0.2	71	0.22	0.050
1013857	Soil	1.1	24.7	8.4	43	<0.1	12.7	7.6	244	3.14	3.9	0.5	1.1	0.9	20	<0.1	0.4	0.1	86	0.18	0.031
1013869	Soil	0.7	49.1	15.5	162	0.2	17.7	14.4	581	3.70	4.0	0.6	0.9	3.7	16	0.3	0.3	0.2	79	0.28	0.063
1028557	Soil	0.7	51.6	13.6	174	0.1	15.2	14.4	755	4.43	3.4	0.3	<0.5	1.0	66	0.3	0.2	<0.1	99	0.40	0.056
1028556	Soil	0.6	44.3	5.9	133	<0.1	13.5	21.7	714	5.45	3.8	0.2	1.5	1.3	16	0.2	0.2	<0.1	169	0.26	0.080
1028555	Soil	0.4	63.7	3.4	271	<0.1	16.4	19.7	530	5.13	1.3	0.2	<0.5	0.5	331	0.2	<0.1	<0.1	90	0.82	0.260
1011790	Soil	0.7	16.2	6.3	69	<0.1	20.1	9.6	345	2.75	7.5	0.4	2.4	1.3	18	0.2	0.4	0.1	58	0.30	0.043
1013861	Soil	0.9	10.9	8.0	28	<0.1	6.4	3.9	143	1.95	3.2	0.4	1.9	0.2	18	0.1	0.3	0.2	67	0.14	0.036
1028559	Soil	0.4	45.4	2.6	92	<0.1	18.3	32.8	669	7.14	3.7	0.2	<0.5	1.1	36	<0.1	0.3	<0.1	201	0.50	0.047
1028571	Soil	0.8	38.1	11.1	72	0.2	28.6	13.7	593	3.69	8.3	0.9	11.8	4.5	32	0.1	2.7	0.2	53	0.42	0.102
1028581	Soil	1.3	21.1	7.8	56	<0.1	11.7	8.1	165	3.13	4.7	0.9	3.7	5.2	32	<0.1	0.3	0.1	48	0.19	0.031
1028582	Soil	0.6	41.2	4.5	89	<0.1	13.2	19.8	891	6.66	0.7	0.5	6.4	2.2	69	<0.1	0.2	<0.1	166	0.68	0.173
1028558	Soil	0.4	81.6	7.2	47	2.2	17.5	17.4	376	2.96	<0.5	0.1	<0.5	0.4	138	<0.1	2.3	<0.1	80	0.64	0.031
1011797	Soil	0.7	21.9	5.7	49	<0.1	16.6	9.2	304	2.57	6.0	0.6	3.5	2.2	18	<0.1	0.3	0.1	58	0.27	0.058
1013865	Soil	0.7	69.0	8.9	117	0.2	18.2	10.2	509	3.50	3.8	1.0	3.4	5.2	23	0.2	0.3	0.1	67	0.40	0.062
1013866	Soil	0.7	38.4	13.8	221	<0.1	17.2	13.0	716	4.14	4.4	0.5	1.3	4.1	14	0.4	0.2	0.1	71	0.24	0.051
1013854	Soil	0.8	23.0	6.6	52	<0.1	22.7	12.2	348	3.08	8.0	0.5	2.2	2.3	23	0.1	0.4	0.1	63	0.26	0.042
1013867	Soil	0.9	62.9	13.2	148	0.3	15.9	9.2	380	3.13	11.4	1.3	4.8	4.1	15	0.3	0.3	0.2	62	0.25	0.056
1011795	Soil	0.9	39.9	6.0	28	0.2	11.6	3.9	128	2.54	3.7	1.4	2.2	1.5	27	0.2	0.2	0.1	64	0.35	0.071
1011798	Soil	0.9	15.1	5.7	50	<0.1	15.4	8.4	298	2.62	7.0	0.4	3.6	2.1	20	0.2	0.4	0.1	66	0.28	0.050
1011799	Soil	0.7	22.6	6.1	51	<0.1	19.9	9.8	270	2.78	6.3	0.6	3.8	2.6	19	0.1	0.4	0.1	56	0.28	0.063
1011800	Soil	0.5	24.6	6.9	51	0.1	18.3	8.5	167	2.61	4.7	0.9	5.8	2.4	20	<0.1	0.3	0.1	56	0.27	0.064
1013851	Soil	0.5	19.8	4.2	50	<0.1	14.3	11.2	298	2.67	2.9	0.3	0.8	2.1	17	<0.1	0.2	<0.1	54	0.28	0.057
1013868	Soil	0.7	47.9	15.2	159	0.1	16.9	14.5	608	3.82	3.5	0.5	1.4	3.4	16	0.2	0.2	0.2	80	0.29	0.060
1011789	Soil	0.9	13.4	6.1	45	<0.1	14.5	7.7	256	2.79	4.9	0.4	9.3	1.7	24	0.1	0.4	0.1	71	0.28	0.043
1013858	Soil	0.7	46.9	6.7	73	0.1	17.6	13.5	356	3.42	4.0	0.6	2.8	1.8	18	<0.1	0.4	0.1	65	0.29	0.063
1011792	Soil	0.8	13.9	6.5	47	<0.1	15.3	7.9	292	2.79	4.9	0.5	2.3	1.5	17	0.1	0.3	0.1	62	0.24	0.054
1011796	Soil	0.8	13.8	7.1	33	<0.1	9.2	8.1	956	1.81	1.8	0.4	<0.5	0.6	19	0.4	0.2	0.2	56	0.23	0.038

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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000422.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013860	Soil	10	24	0.71	132	0.105	1	1.80	0.010	0.12	0.2	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1011793	Soil	6	18	0.30	204	0.086	<1	0.86	0.011	0.07	0.1	0.06	1.7	<0.1	<0.05	6	<0.5	<0.2
1013862	Soil	9	27	0.51	110	0.090	1	1.65	0.008	0.09	0.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1013857	Soil	7	27	0.42	99	0.127	<1	1.60	0.008	0.05	<0.1	0.02	2.5	0.1	<0.05	8	<0.5	<0.2
1013869	Soil	11	29	1.06	189	0.164	1	1.95	0.010	0.54	0.1	0.02	3.6	0.4	<0.05	6	<0.5	<0.2
1028557	Soil	5	34	1.50	261	0.130	<1	2.86	0.018	0.24	<0.1	0.01	5.6	<0.1	<0.05	9	<0.5	<0.2
1028556	Soil	4	16	2.40	213	0.148	<1	3.27	0.009	0.24	<0.1	0.01	11.3	<0.1	<0.05	11	0.7	<0.2
1028555	Soil	2	36	2.26	302	0.166	<1	3.72	0.028	0.32	<0.1	<0.01	4.5	0.1	<0.05	10	<0.5	<0.2
1011790	Soil	9	27	0.54	159	0.065	1	1.65	0.010	0.07	0.2	0.03	2.4	<0.1	<0.05	5	0.6	<0.2
1013861	Soil	6	16	0.23	87	0.082	2	1.02	0.009	0.05	<0.1	0.03	1.2	0.1	<0.05	7	<0.5	<0.2
1028559	Soil	4	42	3.97	290	0.047	<1	4.98	0.007	0.03	<0.1	<0.01	20.8	<0.1	<0.05	14	<0.5	<0.2
1028571	Soil	21	30	0.35	1012	0.027	1	1.43	0.010	0.09	0.1	0.03	6.6	<0.1	<0.05	4	<0.5	<0.2
1028581	Soil	16	23	0.48	158	0.052	<1	1.86	0.019	0.06	<0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1028582	Soil	9	19	2.71	279	0.046	<1	3.78	0.014	0.26	<0.1	<0.01	11.8	0.2	<0.05	11	0.6	<0.2
1028558	Soil	2	31	1.36	200	0.032	<1	2.68	0.028	0.05	<0.1	0.02	5.5	<0.1	<0.05	4	<0.5	<0.2
1011797	Soil	11	26	0.53	168	0.083	<1	1.65	0.010	0.08	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1013865	Soil	26	33	0.98	227	0.144	<1	2.08	0.012	0.37	<0.1	0.04	5.1	0.3	<0.05	7	0.5	<0.2
1013866	Soil	11	31	1.00	157	0.166	<1	2.21	0.008	0.44	<0.1	0.02	3.4	0.5	<0.05	8	<0.5	<0.2
1013854	Soil	9	33	0.58	124	0.081	2	2.07	0.010	0.08	0.2	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
1013867	Soil	20	30	0.80	194	0.115	<1	2.03	0.008	0.27	0.1	0.06	4.0	0.3	<0.05	7	<0.5	<0.2
1011795	Soil	17	24	0.25	226	0.070	1	1.38	0.010	0.06	0.1	0.09	3.1	<0.1	0.07	5	<0.5	<0.2
1011798	Soil	9	24	0.47	158	0.096	<1	1.28	0.011	0.09	0.2	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
1011799	Soil	11	30	0.62	183	0.083	<1	1.82	0.012	0.10	0.2	0.03	3.1	0.1	<0.05	6	0.6	<0.2
1011800	Soil	13	29	0.63	217	0.077	<1	1.88	0.010	0.10	0.1	0.05	3.7	0.1	<0.05	6	<0.5	<0.2
1013851	Soil	7	23	0.66	132	0.111	<1	1.54	0.013	0.14	0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
1013868	Soil	10	28	1.08	179	0.179	1	1.96	0.010	0.60	<0.1	0.01	3.7	0.4	<0.05	7	<0.5	<0.2
1011789	Soil	8	25	0.43	169	0.086	<1	1.40	0.009	0.05	0.2	0.04	2.2	<0.1	0.06	6	<0.5	<0.2
1013858	Soil	11	26	0.77	161	0.092	<1	1.98	0.008	0.11	0.1	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1011792	Soil	8	27	0.48	159	0.076	<1	1.61	0.008	0.07	0.2	0.06	2.3	<0.1	0.06	6	<0.5	<0.2
1011796	Soil	7	18	0.27	272	0.072	<1	0.95	0.009	0.08	<0.1	0.04	1.6	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000422.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013864	Soil	1.0	21.8	10.6	64	0.1	10.8	6.1	224	2.48	4.2	0.6	1.6	1.1	19	0.1	0.2	0.1	60	0.18	0.042
1013852	Soil	0.5	23.3	6.4	61	<0.1	17.4	11.6	268	2.82	5.7	0.5	1.6	3.3	26	0.2	0.4	0.1	64	0.35	0.079
1013855	Soil	0.7	18.0	6.1	60	<0.1	20.1	10.8	289	2.97	6.5	0.6	2.5	2.8	24	0.1	0.4	0.1	65	0.26	0.055
1013856	Soil	0.6	35.8	5.4	86	<0.1	26.7	16.0	451	3.89	5.4	0.5	0.8	3.4	28	<0.1	0.4	0.1	81	0.38	0.065
1013859	Soil	0.6	47.2	9.2	104	0.2	17.9	19.1	445	3.63	4.2	0.7	2.2	3.2	31	0.1	0.3	0.1	92	0.34	0.054
1013863	Soil	1.0	15.6	11.1	60	<0.1	13.3	8.2	312	4.22	9.5	0.4	1.9	2.1	18	0.1	0.5	0.2	92	0.24	0.048
1011794	Soil	1.1	14.4	8.8	49	0.1	12.2	6.5	462	2.64	4.9	0.4	3.1	0.7	18	0.3	0.3	0.2	72	0.18	0.039
1013853	Soil	0.4	23.9	5.5	51	<0.1	14.9	11.0	268	2.65	3.7	0.5	1.4	2.3	33	0.1	0.3	0.1	66	0.31	0.050

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Project: PED
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CERTIFICATE OF ANALYSIS WHI11000422.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013864	Soil	11	22	0.52	116	0.120	1	1.55	0.010	0.11	0.1	0.04	2.4	0.2	<0.05	7	<0.5	<0.2
1013852	Soil	12	29	0.78	190	0.123	1	1.98	0.014	0.12	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1013855	Soil	12	31	0.83	113	0.112	2	2.08	0.013	0.09	0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1013856	Soil	10	46	1.34	109	0.153	<1	2.38	0.015	0.16	0.1	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1013859	Soil	11	29	1.21	254	0.173	<1	2.21	0.015	0.28	<0.1	0.03	5.5	0.2	<0.05	7	0.5	<0.2
1013863	Soil	8	26	0.54	90	0.146	<1	1.60	0.008	0.11	0.1	0.03	2.2	0.2	<0.05	8	<0.5	<0.2
1011794	Soil	7	22	0.42	160	0.099	<1	1.17	0.010	0.08	<0.1	0.03	1.7	<0.1	<0.05	7	<0.5	<0.2
1013853	Soil	10	25	0.74	103	0.113	<1	2.02	0.014	0.07	<0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000422.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1010560	Soil	1.4	30.6	13.0	161	<0.1	8.9	10.3	825	4.68	6.6	0.4	0.5	1.5	14	0.2	0.5	0.1	99	0.22	0.049
REP 1010560	QC	1.0	30.9	12.5	163	<0.1	8.9	10.9	895	4.74	6.1	0.4	1.3	1.4	14	0.2	0.6	0.1	99	0.23	0.051
1010570	Soil	3.4	240.9	6.2	182	0.2	9.0	18.7	1007	4.96	3.0	1.1	1.5	4.7	17	0.2	0.3	0.3	89	0.11	0.029
REP 1010570	QC	3.4	249.6	5.9	188	0.2	8.8	18.7	1045	4.97	2.9	1.3	<0.5	4.8	17	0.1	0.3	0.3	86	0.12	0.027
1010576	Soil	0.8	14.8	6.0	65	<0.1	8.8	7.2	470	2.69	6.4	0.7	3.0	4.4	15	<0.1	0.3	0.1	40	0.24	0.029
REP 1010576	QC	0.8	14.6	6.2	66	<0.1	8.7	7.5	487	2.77	6.4	0.7	<0.5	4.9	15	<0.1	0.3	0.2	41	0.24	0.032
1013834	Soil	1.2	33.1	7.6	77	<0.1	19.7	11.5	405	3.22	8.3	0.6	2.4	3.2	21	<0.1	0.4	0.2	76	0.15	0.025
REP 1013834	QC	1.0	32.6	7.4	73	<0.1	20.3	11.2	409	3.12	7.6	0.6	1.0	3.1	21	0.1	0.4	0.2	72	0.14	0.024
1013850	Soil	0.6	54.3	4.3	92	<0.1	18.3	27.2	652	5.94	1.5	0.4	<0.5	0.9	34	<0.1	<0.1	<0.1	150	0.99	0.196
REP 1013850	QC	0.7	54.8	4.5	92	<0.1	18.3	27.2	657	6.04	1.1	0.3	<0.5	0.9	33	0.1	<0.1	<0.1	150	0.97	0.190
1013826	Soil	0.4	67.6	4.2	60	<0.1	32.7	16.8	469	3.96	2.1	0.4	1.1	1.4	44	<0.1	0.2	<0.1	123	0.56	0.030
REP 1013826	QC	0.4	71.6	4.2	62	<0.1	35.0	17.3	477	4.11	2.6	0.4	1.8	1.4	47	<0.1	0.2	<0.1	130	0.61	0.032
1011811	Soil	0.6	32.2	6.7	71	<0.1	23.6	18.1	632	3.40	6.4	0.3	3.2	3.0	27	0.2	0.3	0.1	84	0.44	0.047
REP 1011811	QC	0.5	32.7	6.4	71	0.1	24.1	18.2	641	3.47	6.2	0.3	4.3	2.8	27	0.2	0.3	0.1	86	0.46	0.049
1011559	Soil	0.6	25.8	7.8	67	0.1	21.2	15.5	936	3.14	4.5	0.3	0.6	3.9	27	0.1	0.3	0.1	66	0.48	0.035
REP 1011559	QC	0.7	25.9	7.7	66	0.1	20.8	15.4	925	3.09	4.2	0.3	4.2	3.7	26	0.1	0.3	0.1	67	0.47	0.034
1011579	Soil	0.7	28.9	7.2	48	<0.1	24.2	11.1	351	2.79	9.4	0.6	2.7	4.0	32	0.2	0.6	0.2	66	0.42	0.034
REP 1011579	QC	0.8	27.0	7.2	46	0.1	23.0	10.7	358	2.67	8.3	0.6	4.7	4.0	31	0.2	0.6	0.2	65	0.41	0.034
1028560	Soil	0.8	35.1	6.4	61	<0.1	23.0	13.8	324	3.58	7.3	0.5	1.2	2.8	50	<0.1	0.3	<0.1	104	0.49	0.024
REP 1028560	QC	0.7	35.0	6.1	60	<0.1	22.8	13.9	304	3.48	7.2	0.5	1.7	2.6	48	<0.1	0.3	<0.1	100	0.47	0.024
1028579	Soil	0.9	28.8	8.2	135	0.1	53.2	23.8	960	3.93	4.4	0.3	3.1	1.5	63	0.2	0.3	0.1	88	0.67	0.185
REP 1028579	QC	0.9	30.3	8.0	131	0.1	52.2	23.4	961	3.90	4.5	0.3	<0.5	1.6	62	0.2	0.3	<0.1	89	0.63	0.184
1011799	Soil	0.7	22.6	6.1	51	<0.1	19.9	9.8	270	2.78	6.3	0.6	3.8	2.6	19	0.1	0.4	0.1	56	0.28	0.063
REP 1011799	QC	0.7	22.1	6.1	51	<0.1	19.6	10.4	286	2.89	6.1	0.6	3.8	2.7	18	0.1	0.3	0.1	59	0.26	0.061
Reference Materials																					
STD DS8	Standard	13.9	117.2	132.1	318	1.7	40.1	7.9	623	2.53	25.9	2.8	118.9	7.4	63	2.3	5.9	6.5	42	0.68	0.081
STD DS8	Standard	13.5	114.4	132.9	305	1.6	38.9	7.9	622	2.51	25.6	2.8	107.6	7.3	68	2.3	5.8	6.4	43	0.68	0.078
STD DS8	Standard	12.9	112.3	123.5	311	1.8	37.0	7.5	595	2.44	25.5	2.7	123.6	6.6	58	2.1	5.3	6.4	43	0.65	0.076

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000422.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1010560	Soil	5	18	1.06	142	0.085	<1	2.48	0.009	0.04	<0.1	0.02	4.1	<0.1	<0.05	9	<0.5	<0.2
REP 1010560	QC	5	17	1.10	141	0.088	<1	2.58	0.010	0.04	<0.1	0.02	4.2	<0.1	<0.05	9	<0.5	<0.2
1010570	Soil	7	17	1.51	217	0.099	<1	2.92	0.007	0.19	<0.1	0.02	5.9	0.2	<0.05	8	<0.5	0.3
REP 1010570	QC	7	17	1.57	229	0.102	<1	2.94	0.007	0.21	<0.1	0.02	6.0	0.2	<0.05	9	<0.5	0.3
1010576	Soil	7	15	0.66	267	0.070	1	1.48	0.008	0.23	<0.1	0.01	2.7	0.1	<0.05	4	<0.5	<0.2
REP 1010576	QC	7	16	0.67	275	0.074	<1	1.52	0.008	0.24	<0.1	<0.01	2.9	0.2	<0.05	5	<0.5	<0.2
1013834	Soil	8	32	0.88	315	0.118	1	2.66	0.014	0.20	<0.1	0.03	3.6	0.1	<0.05	6	0.7	<0.2
REP 1013834	QC	8	33	0.88	310	0.113	2	2.59	0.010	0.20	<0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1013850	Soil	9	37	2.79	332	0.331	1	3.81	0.029	0.33	<0.1	<0.01	4.3	<0.1	<0.05	8	<0.5	<0.2
REP 1013850	QC	8	36	2.75	324	0.322	<1	3.88	0.030	0.32	<0.1	0.01	4.3	<0.1	<0.05	8	<0.5	<0.2
1013826	Soil	7	79	2.32	160	0.108	<1	3.26	0.026	0.03	<0.1	0.02	9.6	<0.1	<0.05	7	<0.5	<0.2
REP 1013826	QC	7	82	2.48	163	0.113	<1	3.39	0.026	0.04	<0.1	0.01	10.0	<0.1	<0.05	8	<0.5	<0.2
1011811	Soil	8	40	1.26	443	0.187	3	2.05	0.014	0.85	<0.1	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
REP 1011811	QC	8	40	1.27	440	0.185	2	2.02	0.014	0.86	0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1011559	Soil	10	32	0.88	384	0.135	4	1.73	0.016	0.59	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
REP 1011559	QC	10	33	0.85	386	0.132	3	1.68	0.014	0.59	0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1011579	Soil	14	38	0.60	214	0.088	<1	1.68	0.014	0.08	0.2	0.04	5.1	<0.1	<0.05	5	<0.5	<0.2
REP 1011579	QC	15	37	0.57	219	0.081	1	1.60	0.014	0.08	0.1	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1028560	Soil	8	37	1.07	254	0.125	<1	3.20	0.023	0.06	<0.1	0.01	5.5	<0.1	<0.05	8	<0.5	<0.2
REP 1028560	QC	7	36	1.06	246	0.123	<1	3.13	0.023	0.06	<0.1	0.02	5.1	<0.1	<0.05	7	<0.5	<0.2
1028579	Soil	5	78	1.43	315	0.155	1	2.67	0.015	0.10	0.1	0.02	3.0	<0.1	<0.05	8	<0.5	<0.2
REP 1028579	QC	5	79	1.43	301	0.153	<1	2.63	0.013	0.09	0.1	0.02	3.0	0.1	<0.05	8	<0.5	<0.2
1011799	Soil	11	30	0.62	183	0.083	<1	1.82	0.012	0.10	0.2	0.03	3.1	0.1	<0.05	6	0.6	<0.2
REP 1011799	QC	11	30	0.63	180	0.079	1	1.77	0.010	0.09	0.2	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	120	0.61	278	0.120	2	0.90	0.085	0.41	2.9	0.20	2.2	5.3	0.14	4	5.5	4.6
STD DS8	Standard	15	121	0.60	277	0.126	3	0.91	0.087	0.40	2.8	0.23	2.3	5.1	0.14	4	4.5	5.0
STD DS8	Standard	13	119	0.59	265	0.116	3	0.85	0.078	0.40	3.0	0.19	1.7	5.2	0.16	5	5.6	5.1

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000422.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.9	111.6	125.5	309	1.8	38.1	7.7	606	2.45	24.8	2.8	104.6	6.7	62	2.1	5.3	6.3	43	0.66	0.075
STD DS8	Standard	11.9	109.2	109.4	300	1.7	37.9	7.3	548	2.28	24.3	2.4	104.9	6.1	61	2.1	5.1	6.2	38	0.64	0.076
STD DS8	Standard	12.9	101.9	111.5	284	1.8	37.4	7.4	568	2.39	26.2	2.4	115.8	6.0	62	2.3	5.2	6.3	38	0.64	0.076
STD DS8	Standard	12.9	112.9	124.2	314	1.8	38.1	7.9	616	2.42	26.5	2.8	106.7	6.5	63	2.4	5.7	6.5	46	0.67	0.080
STD DS8	Standard	14.5	111.4	122.0	309	1.8	38.1	7.9	619	2.48	25.2	3.1	121.1	7.4	66	2.2	5.3	6.3	45	0.70	0.078
STD DS8	Standard	13.4	122.6	137.9	332	1.9	42.8	8.1	613	2.48	26.5	2.8	119.7	6.4	64	2.5	5.3	6.7	45	0.67	0.082
STD DS8	Standard	13.9	120.7	134.4	319	1.9	41.8	8.1	615	2.53	26.1	2.7	127.2	6.5	61	2.4	5.5	6.5	46	0.70	0.082
STD DS8	Standard	11.9	109.5	109.7	288	1.7	35.8	7.3	605	2.45	24.5	2.4	114.5	5.9	56	2.1	5.1	6.1	39	0.63	0.077
STD DS8	Standard	13.2	103.6	106.6	288	1.6	36.6	7.1	625	2.43	23.3	2.4	118.4	6.2	58	2.3	4.8	6.2	43	0.69	0.077
STD DS8	Standard	13.2	121.0	124.0	310	1.8	40.3	7.8	600	2.51	26.3	2.7	122.6	6.6	64	2.4	5.8	6.6	44	0.67	0.083
STD DS8	Standard	14.0	120.1	128.5	315	1.8	40.6	8.1	648	2.58	25.9	2.8	112.9	7.0	66	2.5	5.7	6.8	46	0.72	0.084
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: PED
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000422.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	118	0.61	276	0.118	2	0.87	0.082	0.40	3.0	0.16	1.9	5.3	0.16	5	5.1	4.9
STD DS8	Standard	12	105	0.58	263	0.105	3	0.85	0.082	0.40	2.8	0.21	2.0	5.1	0.18	4	5.0	4.5
STD DS8	Standard	13	108	0.55	277	0.103	3	0.83	0.082	0.39	2.7	0.21	2.0	5.1	0.15	4	5.1	4.6
STD DS8	Standard	14	123	0.61	275	0.120	2	0.88	0.087	0.40	3.0	0.21	1.9	5.4	0.16	5	5.4	5.0
STD DS8	Standard	17	121	0.61	288	0.129	2	0.94	0.085	0.41	2.9	0.19	2.2	5.1	0.15	5	5.0	4.7
STD DS8	Standard	13	130	0.61	275	0.122	3	0.90	0.082	0.42	3.0	0.21	2.1	5.5	0.15	5	5.5	5.0
STD DS8	Standard	14	127	0.63	275	0.125	1	0.92	0.085	0.42	2.9	0.23	1.9	5.4	0.18	4	5.0	5.2
STD DS8	Standard	12	111	0.52	262	0.099	2	0.84	0.083	0.37	2.9	0.19	1.7	5.2	0.17	4	4.6	5.0
STD DS8	Standard	13	116	0.52	260	0.112	3	0.88	0.075	0.40	2.9	0.21	2.1	5.1	0.19	5	4.7	4.5
STD DS8	Standard	14	122	0.64	271	0.117	2	0.92	0.083	0.41	3.0	0.20	2.1	5.2	0.17	5	5.3	5.3
STD DS8	Standard	15	126	0.64	284	0.129	3	0.92	0.090	0.43	3.0	0.21	2.4	5.3	0.17	5	5.7	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: August 09, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000433.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 270

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	270	Dry at 60C			VAN
SS80	270	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	270	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: PED
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000433.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013734	Soil	2.5	29.7	10.0	72	0.5	29.2	9.5	165	2.86	12.6	0.9	4.5	3.4	18	0.8	1.0	0.3	68	0.20	0.043
1013725	Soil	0.9	31.2	16.9	65	0.2	35.6	11.7	550	2.76	7.3	1.2	4.5	13.7	19	0.1	1.7	0.2	51	0.37	0.050
1013716	Soil	1.0	16.1	7.7	65	<0.1	21.1	11.2	502	3.14	8.3	0.3	<0.5	1.8	18	<0.1	0.5	0.2	71	0.22	0.034
1013709	Soil	0.7	14.5	4.8	66	<0.1	17.1	16.0	935	3.37	5.8	0.2	0.9	2.3	29	<0.1	0.3	0.1	79	0.33	0.049
1013713	Soil	0.8	19.7	5.4	69	<0.1	15.0	14.7	1242	3.23	3.1	0.5	<0.5	2.9	18	0.1	0.3	0.1	80	0.30	0.056
1013717	Soil	0.7	23.9	4.5	64	<0.1	16.2	16.2	1185	3.03	4.7	0.2	<0.5	1.9	19	0.1	0.3	0.1	74	0.25	0.049
1013718	Soil	0.8	15.1	6.2	65	<0.1	14.7	13.2	635	2.74	5.9	0.5	2.7	3.2	23	<0.1	0.3	0.1	69	0.34	0.051
1013720	Soil	1.3	16.5	7.5	51	0.1	18.3	11.8	1802	2.69	8.9	0.4	0.6	2.1	23	0.1	0.5	0.2	65	0.35	0.027
1013719	Soil	1.3	17.8	8.4	57	<0.1	19.8	11.7	429	3.34	9.0	0.4	0.8	2.6	16	<0.1	0.5	0.2	77	0.18	0.033
1013726	Soil	1.4	25.6	8.6	64	0.4	29.2	9.6	455	2.84	11.9	0.6	0.9	2.8	17	0.3	0.9	0.3	66	0.17	0.039
1013722	Soil	0.2	59.3	1.7	92	<0.1	17.7	27.7	1004	5.11	0.8	0.3	<0.5	1.5	45	<0.1	<0.1	<0.1	97	2.26	0.137
1013721	Soil	0.8	39.9	5.8	96	<0.1	22.6	21.0	656	4.53	8.7	0.5	1.9	7.2	25	<0.1	0.4	0.1	92	0.52	0.044
1013723	Soil	2.8	57.5	4.1	98	<0.1	13.7	26.7	1099	5.91	3.0	0.9	1.3	5.5	46	0.1	0.3	<0.1	110	2.93	0.091
1013724	Soil	1.0	22.9	6.4	67	<0.1	16.8	14.4	465	3.61	7.4	0.3	<0.5	1.9	18	<0.1	0.3	<0.1	79	0.24	0.020
1013715	Soil	0.5	34.0	3.2	71	<0.1	17.4	21.0	463	3.67	5.7	0.3	1.5	2.9	24	<0.1	0.2	<0.1	87	0.36	0.062
1013730	Soil	3.0	58.3	7.6	95	0.2	55.8	15.2	579	4.69	25.5	1.8	5.4	6.6	12	0.2	1.9	0.2	35	0.09	0.064
1013714	Soil	0.4	20.2	2.8	66	<0.1	18.0	16.2	460	3.47	5.2	0.4	2.5	6.6	13	<0.1	0.2	<0.1	90	0.24	0.047
1013728	Soil	0.9	31.9	10.5	68	<0.1	33.8	16.2	458	2.94	7.6	0.9	2.2	4.6	18	0.1	0.6	0.2	49	0.18	0.042
1013702	Soil	0.7	14.4	5.9	84	<0.1	17.1	14.5	611	3.31	5.7	0.3	0.6	2.3	16	0.1	0.4	0.1	81	0.19	0.030
1013701	Soil	0.7	23.1	8.5	45	<0.1	17.9	9.4	209	2.60	9.6	0.7	4.3	3.8	19	<0.1	0.3	0.2	65	0.21	0.041
1013729	Soil	1.2	20.2	9.3	59	0.1	27.6	10.0	306	2.25	5.3	0.6	0.8	3.7	13	0.2	1.2	0.1	51	0.16	0.041
1013731	Soil	1.1	22.4	8.0	70	0.2	32.4	10.9	328	2.60	6.4	0.5	1.5	3.6	18	0.1	0.7	0.2	54	0.20	0.031
1013733	Soil	1.3	25.0	7.7	65	0.3	20.9	7.3	244	2.58	8.6	0.5	0.8	3.4	17	0.3	0.5	0.2	55	0.17	0.041
1013732	Soil	1.0	37.2	7.1	82	0.2	31.0	9.0	269	2.97	5.8	0.9	1.3	5.1	23	0.1	0.3	0.2	53	0.22	0.053
1013727	Soil	3.2	81.5	9.7	117	0.2	31.6	6.3	344	3.10	15.3	2.0	3.9	5.2	20	0.3	2.1	0.2	127	0.12	0.073
1013712	Soil	0.2	48.7	2.3	62	<0.1	42.0	27.7	516	3.37	2.6	0.2	2.1	2.2	33	<0.1	0.1	<0.1	96	0.58	0.134
1013710	Soil	0.5	18.3	3.5	64	<0.1	17.1	16.7	468	3.48	4.9	0.3	3.2	2.8	21	<0.1	0.3	<0.1	86	0.27	0.038
1013711	Soil	0.7	12.4	7.6	72	<0.1	14.7	14.7	1201	3.72	8.4	0.7	<0.5	3.8	21	<0.1	1.3	0.1	76	0.31	0.051
1013707	Soil	0.8	31.1	7.5	59	<0.1	27.6	12.2	283	3.16	10.9	0.6	9.7	5.3	25	<0.1	0.6	0.1	70	0.25	0.025
1013708	Soil	0.8	29.5	6.9	57	<0.1	25.6	11.6	283	2.83	9.6	0.5	2.8	5.0	24	<0.1	0.6	0.1	67	0.25	0.025

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000433.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013734	Soil	11	33	0.43	305	0.061	2	1.47	0.011	0.11	0.2	0.05	2.3	0.2	0.06	5	0.6	<0.2
1013725	Soil	46	50	0.43	367	0.040	2	1.34	0.012	0.11	0.1	0.05	7.6	0.1	0.06	4	<0.5	<0.2
1013716	Soil	7	38	0.77	267	0.079	1	1.86	0.010	0.08	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1013709	Soil	5	25	1.28	448	0.186	2	2.34	0.010	0.49	<0.1	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
1013713	Soil	7	23	0.87	312	0.069	2	1.87	0.016	0.07	0.1	0.02	4.0	<0.1	<0.05	8	<0.5	<0.2
1013717	Soil	4	26	1.24	472	0.152	1	2.12	0.018	0.47	<0.1	0.02	1.8	0.1	<0.05	6	<0.5	<0.2
1013718	Soil	10	29	0.97	464	0.119	<1	1.76	0.014	0.30	<0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1013720	Soil	7	28	0.33	466	0.048	<1	1.24	0.009	0.08	<0.1	0.03	3.3	<0.1	<0.05	5	<0.5	<0.2
1013719	Soil	7	33	0.76	204	0.082	2	2.08	0.012	0.11	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1013726	Soil	10	35	0.46	357	0.050	1	1.76	0.009	0.07	0.1	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1013722	Soil	7	31	1.77	442	0.087	3	2.24	0.009	0.45	<0.1	0.02	9.7	0.2	<0.05	6	<0.5	<0.2
1013721	Soil	7	41	1.67	253	0.172	2	2.79	0.020	0.39	0.2	0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1013723	Soil	16	27	1.88	727	0.126	3	2.64	0.008	0.72	<0.1	0.03	11.8	0.3	<0.05	7	<0.5	<0.2
1013724	Soil	5	28	1.20	417	0.132	2	2.56	0.014	0.51	<0.1	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
1013715	Soil	8	24	1.69	452	0.244	1	2.34	0.019	0.78	<0.1	0.01	1.6	0.2	<0.05	6	<0.5	<0.2
1013730	Soil	16	21	0.17	293	0.009	<1	1.14	0.005	0.11	<0.1	0.03	3.6	0.2	0.07	4	<0.5	<0.2
1013714	Soil	6	27	1.43	275	0.215	<1	2.41	0.013	0.93	<0.1	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1013728	Soil	19	34	0.57	230	0.074	2	1.60	0.008	0.25	<0.1	0.02	2.5	0.2	0.06	5	<0.5	<0.2
1013702	Soil	6	28	1.13	403	0.174	1	2.39	0.009	0.56	<0.1	0.02	1.7	0.2	<0.05	6	<0.5	<0.2
1013701	Soil	12	34	0.54	246	0.081	2	1.89	0.010	0.07	0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1013729	Soil	16	35	0.61	231	0.054	1	1.50	0.006	0.22	<0.1	0.01	2.3	0.2	<0.05	5	<0.5	<0.2
1013731	Soil	11	31	0.40	369	0.052	<1	1.26	0.009	0.14	<0.1	0.02	2.2	0.2	0.07	4	<0.5	<0.2
1013733	Soil	12	32	0.44	190	0.075	<1	1.32	0.011	0.17	0.1	0.03	2.2	0.1	0.10	5	<0.5	<0.2
1013732	Soil	16	40	0.68	178	0.082	<1	1.44	0.012	0.37	0.1	0.02	2.5	0.2	0.07	4	<0.5	<0.2
1013727	Soil	17	98	1.20	1156	0.129	<1	2.25	0.006	0.55	<0.1	0.03	3.5	0.5	0.14	7	1.8	<0.2
1013712	Soil	8	137	2.05	568	0.226	<1	2.59	0.014	0.87	<0.1	0.08	2.4	0.2	<0.05	6	<0.5	<0.2
1013710	Soil	7	22	1.50	414	0.222	<1	2.45	0.011	0.92	<0.1	0.02	1.7	0.2	<0.05	6	<0.5	<0.2
1013711	Soil	8	22	0.76	354	0.112	2	1.75	0.009	0.43	<0.1	0.04	4.6	0.2	<0.05	5	<0.5	<0.2
1013707	Soil	22	37	0.74	266	0.113	1	1.83	0.013	0.13	<0.1	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1013708	Soil	23	33	0.75	264	0.110	2	1.73	0.018	0.14	<0.1	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031749	Soil		0.3	211.5	1.4	62	<0.1	7.5	32.3	397	5.13	5.3	0.5	<0.5	0.5	120	<0.1	<0.1	<0.1	178	2.76	0.842
1031516	Soil		0.6	42.6	5.2	89	<0.1	15.5	15.7	551	4.16	7.4	0.4	0.7	2.3	34	<0.1	0.3	<0.1	105	0.61	0.182
1011087	Soil		1.1	29.5	7.6	68	<0.1	24.0	12.2	396	3.00	9.0	1.5	1.8	7.8	27	0.1	0.4	0.1	69	0.34	0.064
1031742	Soil		0.9	21.8	7.4	72	<0.1	20.8	13.4	355	3.35	8.2	0.4	<0.5	2.9	26	<0.1	0.4	0.1	78	0.33	0.036
1011085	Soil		0.9	51.6	8.2	76	0.1	25.1	13.4	457	3.51	7.2	3.7	3.1	9.8	25	0.1	0.3	0.1	74	0.34	0.072
1013703	Soil		0.4	22.8	4.0	80	<0.1	16.9	15.4	389	4.37	6.0	0.6	3.7	7.9	15	<0.1	0.3	0.3	94	0.30	0.068
1011098	Soil		0.3	29.5	9.0	119	<0.1	12.1	12.3	769	4.93	3.1	0.8	5.1	7.2	35	<0.1	0.2	0.2	51	0.60	0.141
1011091	Soil		0.5	21.4	13.9	56	<0.1	20.0	8.7	389	2.27	6.1	1.2	7.3	4.5	18	<0.1	0.4	0.2	48	0.25	0.057
1011090	Soil		1.0	13.0	13.8	47	<0.1	14.9	7.1	222	3.99	10.4	0.5	6.0	3.1	11	0.2	0.5	0.2	64	0.12	0.038
1031737	Soil		2.2	31.1	9.7	88	<0.1	22.9	11.8	447	3.83	22.2	1.1	9.3	6.6	20	<0.1	7.9	0.2	55	0.23	0.027
1013704	Soil		0.5	10.6	4.4	53	<0.1	13.6	11.4	600	2.69	2.9	0.3	3.6	2.3	16	<0.1	0.3	<0.1	56	0.21	0.031
1013706	Soil		0.4	26.5	3.7	65	<0.1	21.9	15.9	444	3.83	4.7	0.8	4.9	4.6	25	<0.1	0.2	<0.1	75	0.34	0.038
1013705	Soil		0.6	17.7	5.5	69	<0.1	21.2	14.1	513	3.66	6.6	0.4	1.8	3.5	21	0.1	0.4	0.1	70	0.28	0.029
1031750	Soil		0.5	54.2	5.6	60	<0.1	18.0	14.3	393	3.97	6.9	0.5	4.1	2.0	43	0.1	0.3	0.1	103	0.82	0.226
1011089	Soil		0.6	25.7	12.7	55	<0.1	19.1	11.7	370	3.39	8.2	0.8	6.5	3.8	17	0.2	0.4	0.2	63	0.24	0.042
1011086	Soil		0.7	22.5	7.6	52	<0.1	17.6	7.5	217	2.55	7.0	1.4	6.2	3.4	16	0.1	0.3	0.1	53	0.19	0.049
1031738	Soil		1.2	17.8	17.3	77	<0.1	12.8	8.5	263	3.56	62.4	0.3	2.3	3.1	11	<0.1	0.7	0.2	55	0.10	0.019
1011088	Soil		0.8	23.8	6.9	59	<0.1	21.0	10.6	308	3.01	7.1	1.1	4.0	7.3	20	<0.1	0.3	0.1	56	0.23	0.055
1031513	Soil		0.2	9.6	3.1	71	<0.1	13.7	11.6	611	3.52	2.4	0.6	2.0	4.5	24	0.1	0.5	<0.1	67	0.58	0.156
1011095	Soil		1.1	53.0	7.8	85	<0.1	21.5	13.9	372	4.30	8.4	0.9	6.9	6.4	13	<0.1	0.5	0.1	76	0.16	0.053
1011099	Soil		0.9	17.6	9.5	48	<0.1	10.5	6.2	201	2.80	5.2	0.5	3.9	1.8	16	0.1	0.3	0.2	68	0.18	0.047
1031740	Soil		0.6	11.3	6.5	124	<0.1	5.9	15.9	464	5.60	3.5	0.2	4.1	1.0	17	<0.1	0.2	<0.1	123	0.55	0.215
1031514	Soil		2.5	18.5	9.7	62	0.3	28.4	19.9	1307	4.39	13.0	0.6	7.6	1.7	47	0.2	0.5	0.2	51	4.34	0.130
1011100	Soil		3.3	40.8	6.3	59	<0.1	16.9	11.1	311	3.54	10.1	0.8	5.0	4.3	24	<0.1	1.0	<0.1	56	0.30	0.033
1011083	Soil		0.7	18.1	7.2	53	<0.1	23.4	11.2	365	3.59	7.2	0.8	4.8	7.9	15	0.1	0.4	0.1	63	0.19	0.034
1031744	Soil		0.7	26.7	7.6	66	<0.1	22.2	10.2	375	2.53	6.8	0.8	4.3	3.5	33	0.2	0.5	<0.1	56	0.66	0.064
1031741	Soil		1.1	18.4	9.2	52	0.1	19.2	9.9	200	3.28	10.5	0.7	4.4	3.6	17	<0.1	0.5	0.3	71	0.17	0.035
1031743	Soil		0.8	28.6	8.7	70	<0.1	20.0	11.9	450	3.44	8.5	0.7	2.1	4.1	26	0.1	0.5	0.2	72	0.53	0.057
1031739	Soil		1.0	19.3	9.3	47	0.1	22.3	10.9	282	3.01	9.8	0.6	4.5	4.4	16	0.1	0.5	0.2	62	0.13	0.023
1011097	Soil		0.7	20.6	9.2	53	<0.1	16.8	8.7	279	2.74	6.2	0.9	4.5	4.7	16	<0.1	0.3	0.1	57	0.22	0.037

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Project: PED
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000433.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031749	Soil	4	5	1.87	374	0.070	<1	2.68	0.107	0.46	<0.1	<0.01	6.9	0.1	<0.05	9	<0.5	<0.2
1031516	Soil	10	25	1.16	308	0.131	<1	2.54	0.027	0.13	<0.1	0.02	4.8	<0.1	<0.05	9	<0.5	<0.2
1011087	Soil	27	36	0.75	253	0.121	<1	1.89	0.014	0.15	0.1	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1031742	Soil	9	35	0.84	213	0.092	<1	2.53	0.013	0.06	0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1011085	Soil	47	45	0.94	197	0.133	<1	2.25	0.012	0.29	0.1	0.04	3.9	0.2	<0.05	7	<0.5	<0.2
1013703	Soil	22	31	1.73	295	0.231	2	2.55	0.013	0.78	<0.1	0.03	3.4	0.2	0.10	9	<0.5	<0.2
1011098	Soil	17	14	0.58	254	0.075	<1	1.69	0.010	0.13	<0.1	0.01	3.4	<0.1	0.06	7	<0.5	<0.2
1011091	Soil	21	26	0.52	181	0.063	1	1.42	0.009	0.07	0.2	0.03	2.8	<0.1	<0.05	4	<0.5	<0.2
1011090	Soil	7	30	0.34	131	0.031	2	2.12	0.006	0.04	0.2	0.04	2.1	<0.1	0.05	6	<0.5	<0.2
1031737	Soil	21	28	0.71	186	0.027	2	2.00	0.009	0.04	0.3	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
1013704	Soil	5	20	0.84	333	0.097	2	1.43	0.009	0.14	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
1013706	Soil	26	31	1.44	343	0.183	2	2.17	0.011	0.41	<0.1	0.04	3.8	0.1	<0.05	7	<0.5	<0.2
1013705	Soil	8	33	1.19	341	0.157	2	2.13	0.008	0.58	<0.1	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1031750	Soil	11	22	0.86	345	0.068	2	1.87	0.021	0.08	0.1	0.04	6.5	<0.1	<0.05	7	0.9	<0.2
1011089	Soil	12	27	0.64	190	0.111	2	1.88	0.009	0.11	0.1	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
1011086	Soil	18	28	0.52	116	0.069	2	1.69	0.008	0.08	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
1031738	Soil	6	19	0.48	136	0.015	<1	2.47	0.008	0.03	<0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1011088	Soil	18	33	0.61	197	0.102	2	1.88	0.009	0.11	0.1	0.05	3.0	0.1	<0.05	5	<0.5	<0.2
1031513	Soil	22	20	1.20	301	0.054	1	1.64	0.013	0.13	<0.1	0.02	7.7	<0.1	<0.05	8	<0.5	<0.2
1011095	Soil	10	35	0.89	170	0.158	2	2.42	0.009	0.31	0.1	0.03	2.2	0.2	<0.05	7	<0.5	<0.2
1011099	Soil	8	22	0.41	119	0.065	2	1.78	0.009	0.05	<0.1	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
1031740	Soil	3	10	1.69	197	0.232	<1	3.13	0.008	0.42	<0.1	0.01	4.4	0.2	<0.05	11	<0.5	<0.2
1031514	Soil	11	16	0.28	1144	0.005	2	0.92	0.007	0.09	<0.1	0.08	7.9	<0.1	0.15	3	<0.5	<0.2
1011100	Soil	14	26	0.62	205	0.070	1	1.70	0.014	0.06	0.1	0.03	5.3	<0.1	0.13	5	<0.5	0.2
1011083	Soil	11	48	0.62	92	0.097	2	2.06	0.007	0.08	0.1	0.04	2.5	0.1	0.05	6	<0.5	<0.2
1031744	Soil	13	27	0.61	275	0.077	1	1.59	0.023	0.05	0.2	0.05	4.0	<0.1	0.06	5	<0.5	<0.2
1031741	Soil	9	31	0.36	243	0.055	<1	2.14	0.015	0.04	<0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1031743	Soil	13	30	0.63	236	0.100	1	1.87	0.015	0.06	0.1	0.04	4.6	<0.1	<0.05	6	<0.5	<0.2
1031739	Soil	9	37	0.45	215	0.059	1	2.65	0.008	0.05	0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1011097	Soil	16	27	0.47	190	0.070	2	1.70	0.008	0.06	0.1	<0.01	3.0	0.1	<0.05	5	<0.5	<0.2

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Project: PED
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1020669	Soil		0.7	33.4	5.4	51	<0.1	17.8	11.0	264	3.18	4.5	0.4	3.9	2.1	14	<0.1	0.2	<0.1	81	0.29	0.063
1020692	Soil		1.1	21.7	4.9	47	<0.1	21.8	11.3	419	3.33	2.9	1.1	7.6	5.3	15	<0.1	0.3	0.1	63	0.22	0.045
1020693	Soil		1.1	27.5	6.8	51	<0.1	21.9	9.7	300	2.98	5.0	0.9	4.2	4.9	16	<0.1	0.4	0.1	58	0.25	0.040
1020696	Soil		0.5	38.9	3.5	55	<0.1	22.5	16.1	326	3.80	2.1	0.3	<0.5	1.7	18	<0.1	0.3	<0.1	90	0.38	0.050
1020697	Soil		0.9	25.3	4.9	46	<0.1	19.4	10.8	243	2.43	4.1	0.4	1.8	1.9	21	0.1	0.3	<0.1	63	0.36	0.039
1031515	Soil		0.6	36.0	4.8	75	<0.1	14.1	13.0	463	4.01	4.9	0.3	3.1	2.1	29	<0.1	0.3	<0.1	91	0.57	0.152
1011084	Soil		1.0	18.6	9.5	59	<0.1	17.9	8.3	286	4.01	6.9	1.0	1.0	7.7	15	0.2	0.4	0.1	79	0.18	0.043
1031747	Soil		1.6	24.2	8.8	65	0.2	19.6	13.3	556	4.31	6.8	0.8	3.6	1.9	53	0.2	2.5	<0.1	48	1.81	0.079
1011093	Soil		0.5	24.4	7.6	49	<0.1	18.7	9.8	330	2.54	5.8	1.2	7.3	6.7	22	0.1	0.3	<0.1	55	0.26	0.037
1031746	Soil		0.3	15.8	3.6	73	<0.1	31.3	23.1	738	5.34	4.9	0.7	4.6	3.3	25	0.1	0.7	<0.1	102	0.80	0.133
1011092	Soil		0.9	18.3	10.8	67	<0.1	24.6	12.3	419	3.13	7.8	0.8	2.0	7.0	20	0.2	0.4	0.2	58	0.21	0.048
1011096	Soil		1.0	31.7	8.3	60	<0.1	16.0	9.6	319	2.85	7.0	0.9	7.1	3.7	22	0.1	0.3	0.2	60	0.25	0.057
1031748	Soil		0.3	42.6	2.9	79	<0.1	40.7	17.4	722	4.21	9.5	0.1	<0.5	0.5	77	<0.1	0.1	<0.1	111	1.24	0.344
1031745	Soil		0.6	22.3	5.5	67	0.2	22.7	14.6	491	3.48	8.2	0.9	11.7	3.8	504	<0.1	0.7	<0.1	51	0.80	0.110
1011094	Soil		1.4	30.5	10.1	58	0.1	27.7	12.2	339	2.97	10.5	1.3	3.3	6.1	14	0.1	0.7	0.2	62	0.14	0.023
1020674	Soil		2.6	71.5	8.1	104	<0.1	20.0	16.9	448	4.61	7.5	0.5	1.8	2.4	29	0.1	0.4	<0.1	102	0.20	0.036
1020676	Soil		0.8	21.9	7.0	53	<0.1	24.3	12.9	300	2.99	8.1	0.4	2.2	3.3	21	<0.1	0.6	0.1	71	0.18	0.025
1020678	Soil		0.9	33.5	6.5	51	<0.1	22.3	14.7	362	3.44	7.3	0.3	0.9	2.4	19	0.1	0.5	0.1	88	0.21	0.032
1020675	Soil		1.0	23.6	4.5	79	<0.1	26.6	18.3	597	4.66	5.4	0.6	0.8	3.5	16	<0.1	0.2	<0.1	144	0.20	0.035
1020677	Soil		0.8	46.1	5.9	77	<0.1	25.8	16.3	400	3.26	6.7	0.6	8.5	3.3	23	0.1	0.4	0.1	78	0.24	0.036
1020698	Soil		0.7	51.2	4.3	54	<0.1	23.4	14.2	276	3.04	4.1	0.4	0.7	2.0	27	<0.1	0.3	<0.1	70	0.48	0.081
1020670	Soil		0.3	62.0	2.8	61	<0.1	24.0	19.5	475	3.81	3.0	0.4	<0.5	2.0	19	<0.1	0.1	<0.1	102	0.44	0.106
1020671	Soil		0.6	64.0	3.8	55	<0.1	29.2	19.3	444	3.66	5.1	0.5	1.5	2.4	20	<0.1	0.3	<0.1	95	0.31	0.058
1020672	Soil		0.7	48.1	6.5	51	<0.1	19.7	11.0	296	2.85	7.3	0.9	4.6	3.2	23	0.1	0.4	0.1	68	0.26	0.051
1020673	Soil		0.6	84.5	3.0	77	<0.1	22.1	22.2	712	4.62	2.7	0.5	0.7	2.1	24	<0.1	0.2	<0.1	120	0.34	0.052
1020694	Soil		0.8	25.6	9.8	49	<0.1	22.2	10.4	418	2.61	8.1	1.3	2.3	4.3	29	<0.1	0.5	0.1	60	0.34	0.030
1020668	Soil		0.5	33.6	5.7	44	<0.1	16.9	10.3	231	2.61	4.3	0.6	3.5	1.6	18	<0.1	0.2	<0.1	70	0.26	0.076
1020667	Soil		0.7	40.0	5.1	54	<0.1	15.2	11.7	372	3.51	4.8	0.4	1.0	1.8	17	<0.1	0.2	0.1	116	0.29	0.072
1020695	Soil		1.2	39.7	5.4	59	<0.1	24.9	14.7	327	3.50	4.4	0.8	3.1	3.3	26	<0.1	0.4	<0.1	79	0.45	0.051
1020699	Soil		0.6	18.7	5.4	54	<0.1	17.6	9.6	218	2.31	5.5	0.6	1.6	2.9	27	0.1	0.4	0.1	56	0.38	0.059

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1020669	Soil		8	29	0.98	209	0.132	2	1.81	0.013	0.21	0.1	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
1020692	Soil		20	29	0.54	235	0.075	2	1.40	0.007	0.30	0.1	0.02	4.6	0.1	<0.05	5	<0.5	<0.2
1020693	Soil		15	31	0.47	287	0.041	1	1.54	0.009	0.07	0.1	0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1020696	Soil		5	32	1.18	244	0.058	<1	2.10	0.012	0.06	<0.1	<0.01	4.5	<0.1	<0.05	6	<0.5	<0.2
1020697	Soil		7	25	0.72	203	0.085	<1	1.54	0.014	0.06	0.1	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1031515	Soil		9	22	0.97	266	0.110	1	2.16	0.020	0.10	<0.1	<0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
1011084	Soil		12	38	0.59	79	0.149	2	1.78	0.007	0.11	0.1	0.03	2.4	0.1	0.05	8	<0.5	<0.2
1031747	Soil		13	21	0.53	478	0.011	2	1.32	0.010	0.07	<0.1	0.04	6.1	<0.1	0.09	4	<0.5	<0.2
1011093	Soil		23	30	0.47	315	0.067	1	1.57	0.010	0.05	0.1	0.03	3.9	<0.1	0.06	5	<0.5	<0.2
1031746	Soil		15	37	1.02	459	0.111	3	1.40	0.008	0.34	<0.1	0.08	10.8	0.1	0.08	5	<0.5	<0.2
1011092	Soil		15	33	0.59	149	0.067	1	2.09	0.010	0.07	0.2	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
1011096	Soil		14	25	0.52	168	0.083	<1	1.59	0.008	0.10	0.1	0.02	2.3	0.1	<0.05	6	0.5	<0.2
1031748	Soil		2	82	1.85	131	0.093	2	2.48	0.057	0.07	<0.1	<0.01	7.4	<0.1	<0.05	9	0.5	<0.2
1031745	Soil		16	22	0.48	446	0.030	1	1.10	0.015	0.08	0.1	0.07	8.3	<0.1	<0.05	3	<0.5	<0.2
1011094	Soil		15	49	0.54	194	0.069	<1	2.22	0.009	0.05	0.2	0.05	4.0	0.1	<0.05	5	<0.5	<0.2
1020674	Soil		6	35	1.50	239	0.175	<1	3.17	0.012	0.27	0.1	0.01	4.1	0.1	<0.05	8	0.9	<0.2
1020676	Soil		8	36	0.84	170	0.111	1	2.27	0.010	0.10	<0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1020678	Soil		6	40	1.11	210	0.158	<1	2.44	0.011	0.28	0.1	<0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1020675	Soil		5	57	2.53	212	0.292	<1	3.23	0.015	0.42	<0.1	0.02	7.6	0.2	<0.05	12	0.6	<0.2
1020677	Soil		11	38	1.08	268	0.170	<1	2.26	0.012	0.34	0.1	0.01	2.9	0.2	<0.05	6	0.5	<0.2
1020698	Soil		9	31	1.05	347	0.132	<1	2.09	0.012	0.16	0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1020670	Soil		7	41	1.56	352	0.234	<1	2.47	0.018	0.71	<0.1	<0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1020671	Soil		10	48	1.41	225	0.188	<1	2.58	0.016	0.25	<0.1	0.02	3.6	0.1	<0.05	7	0.5	<0.2
1020672	Soil		13	33	0.73	189	0.101	<1	1.89	0.014	0.09	0.1	0.03	3.9	<0.1	<0.05	5	0.6	<0.2
1020673	Soil		11	41	1.81	412	0.234	<1	2.96	0.022	0.85	<0.1	<0.01	6.8	0.3	<0.05	8	<0.5	<0.2
1020694	Soil		17	34	0.50	479	0.062	<1	1.52	0.014	0.05	0.1	0.05	5.8	<0.1	<0.05	5	<0.5	<0.2
1020668	Soil		7	34	0.90	194	0.118	<1	1.77	0.015	0.20	0.1	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
1020667	Soil		7	27	1.10	245	0.213	<1	2.23	0.014	0.32	<0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1020695	Soil		11	40	0.83	306	0.060	<1	1.93	0.015	0.07	<0.1	0.02	6.7	<0.1	<0.05	6	0.9	<0.2
1020699	Soil		11	27	0.64	237	0.079	<1	1.44	0.015	0.05	0.2	0.03	2.6	<0.1	<0.05	4	<0.5	<0.2

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Project: PED
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000433.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1020681	Soil	0.9	25.4	5.6	61	<0.1	24.6	14.4	394	3.00	5.5	0.6	1.7	3.3	28	<0.1	0.3	<0.1	74	0.29	0.019
1020680	Soil	0.6	45.3	4.9	72	<0.1	29.8	16.1	476	3.00	4.1	0.5	1.4	2.5	31	<0.1	0.3	<0.1	77	0.45	0.044
1020679	Soil	0.9	21.2	7.3	50	<0.1	19.0	10.7	318	2.70	6.8	0.6	2.4	3.5	22	<0.1	0.4	0.1	68	0.20	0.024
1023820	Soil	0.4	16.0	6.7	56	<0.1	13.8	8.1	476	3.01	5.9	0.9	1.6	3.7	28	<0.1	0.5	<0.1	61	0.47	0.073
1023828	Soil	0.5	9.2	4.5	85	<0.1	11.4	11.1	567	3.17	5.5	0.2	<0.5	1.6	29	<0.1	0.3	<0.1	72	0.47	0.158
1020689	Soil	0.7	22.6	5.7	48	<0.1	18.2	10.0	320	2.65	5.8	0.5	1.2	3.4	23	<0.1	0.3	<0.1	63	0.22	0.023
1020690	Soil	0.9	29.7	5.6	51	<0.1	26.2	15.4	371	3.28	6.6	0.4	<0.5	3.1	19	<0.1	0.4	<0.1	71	0.20	0.036
1020685	Soil	1.0	88.0	7.0	59	<0.1	21.8	14.5	436	3.26	5.3	0.5	1.7	3.3	23	<0.1	0.3	0.1	73	0.27	0.031
1020684	Soil	1.0	50.1	6.9	50	<0.1	20.6	11.4	323	2.80	7.5	0.7	1.2	3.8	25	<0.1	0.4	0.1	65	0.23	0.031
1020682	Soil	0.6	28.3	3.6	53	<0.1	21.4	14.8	532	2.98	3.3	0.4	2.2	2.3	26	<0.1	0.2	<0.1	72	0.46	0.053
1020691	Soil	1.1	94.6	3.8	53	<0.1	22.8	15.7	486	3.96	4.6	0.5	1.0	3.3	23	<0.1	0.3	<0.1	89	0.26	0.041
1020683	Soil	0.9	26.7	5.3	59	<0.1	23.5	15.7	405	3.36	6.5	0.5	1.2	2.8	29	0.1	0.3	<0.1	77	0.29	0.052
1020686	Soil	0.7	40.6	4.0	62	<0.1	28.4	22.3	601	4.15	4.1	0.3	<0.5	1.6	22	<0.1	0.2	<0.1	98	0.31	0.045
1020687	Soil	0.5	45.9	5.2	61	<0.1	21.2	11.2	407	2.80	6.2	0.5	2.2	3.9	25	<0.1	0.3	0.1	65	0.30	0.044
1020688	Soil	0.7	40.2	5.4	53	<0.1	20.5	11.7	380	2.84	6.6	0.9	2.3	3.9	27	<0.1	0.3	<0.1	67	0.27	0.025
1011493	Soil	1.4	10.5	13.9	94	<0.1	12.4	12.7	956	4.41	9.4	0.3	2.3	2.2	33	<0.1	0.5	0.3	88	0.28	0.078
1011496	Soil	0.6	19.6	7.7	47	<0.1	18.5	8.4	251	2.69	8.2	0.9	3.4	4.1	23	<0.1	0.5	0.2	61	0.26	0.037
1011495	Soil	0.4	9.4	4.2	59	<0.1	7.0	7.0	457	3.56	3.7	0.8	3.4	4.3	21	<0.1	0.3	<0.1	49	0.35	0.093
1011497	Soil	0.6	11.2	4.9	90	<0.1	10.3	13.1	632	4.50	5.1	0.3	1.4	3.3	21	<0.1	0.3	<0.1	90	0.37	0.133
1011499	Soil	0.7	16.8	8.6	70	<0.1	17.4	11.8	404	3.78	9.8	0.6	1.6	4.7	24	<0.1	0.5	0.1	77	0.32	0.078
1023825	Soil	0.5	13.0	4.7	91	<0.1	9.9	9.9	695	3.54	4.8	0.5	1.4	1.7	33	0.2	0.3	<0.1	66	0.70	0.201
1023821	Soil	0.6	15.9	19.1	56	<0.1	13.6	7.8	450	3.42	7.7	0.9	2.9	3.7	23	0.6	0.5	0.1	64	0.46	0.073
1023824	Soil	0.8	11.3	5.4	73	<0.1	13.4	11.0	398	3.85	7.7	0.3	3.6	1.6	22	<0.1	0.3	0.1	71	0.30	0.072
1023823	Soil	0.7	17.3	7.8	52	<0.1	18.8	9.2	263	3.17	8.8	0.8	2.9	3.8	25	<0.1	0.3	0.1	64	0.31	0.053
1011492	Soil	0.4	7.7	3.8	116	<0.1	8.4	13.3	768	4.58	4.0	0.4	1.4	2.2	46	<0.1	0.2	<0.1	73	0.97	0.233
1023815	Soil	0.8	28.9	18.9	87	<0.1	13.1	10.2	447	3.75	7.8	0.8	2.5	3.5	26	0.7	0.2	0.1	89	0.36	0.072
1023813	Soil	0.8	29.2	11.1	62	<0.1	24.6	9.4	293	2.78	7.1	0.6	3.5	3.6	23	<0.1	0.4	0.2	67	0.28	0.031
1023827	Soil	0.9	17.7	7.3	54	<0.1	18.3	9.4	284	2.71	8.5	0.7	10.4	3.7	18	<0.1	0.5	0.2	60	0.25	0.059
1023814	Soil	0.8	37.0	9.3	72	<0.1	24.1	10.6	376	3.43	7.5	1.1	4.4	4.4	31	0.1	0.4	0.2	72	0.39	0.043
1023826	Soil	0.7	19.1	7.5	84	<0.1	19.0	12.4	488	3.56	10.0	0.4	2.8	2.8	19	0.1	0.4	<0.1	66	0.29	0.057

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Project: PED
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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1020681	Soil		10	41	1.15	272	0.153	<1	2.11	0.014	0.15	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1020680	Soil		8	52	1.45	331	0.174	<1	2.07	0.017	0.34	0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1020679	Soil		11	35	0.67	188	0.101	<1	1.84	0.011	0.06	0.1	0.02	3.2	<0.1	<0.05	6	0.6	<0.2
1023820	Soil		20	23	0.56	467	0.037	<1	1.64	0.012	0.06	<0.1	0.02	5.5	<0.1	<0.05	5	<0.5	<0.2
1023828	Soil		4	19	1.04	314	0.161	<1	2.19	0.011	0.28	0.1	0.01	2.3	<0.1	<0.05	7	0.6	<0.2
1020689	Soil		9	30	0.74	160	0.121	<1	1.69	0.012	0.14	<0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
1020690	Soil		9	35	1.08	167	0.137	<1	2.38	0.010	0.29	0.1	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1020685	Soil		9	35	1.14	186	0.118	<1	2.16	0.010	0.17	<0.1	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1020684	Soil		10	34	0.69	206	0.093	<1	1.90	0.012	0.08	0.1	0.02	3.3	<0.1	<0.05	6	0.6	<0.2
1020682	Soil		8	35	1.32	318	0.129	<1	2.35	0.013	0.41	<0.1	0.02	3.4	0.1	<0.05	6	0.5	<0.2
1020691	Soil		7	33	1.63	277	0.176	<1	2.98	0.011	0.61	0.1	0.02	4.0	0.2	<0.05	9	<0.5	<0.2
1020683	Soil		7	37	1.20	211	0.152	<1	2.33	0.013	0.26	0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1020686	Soil		5	40	1.77	215	0.191	<1	3.01	0.015	0.78	<0.1	0.02	3.3	0.2	<0.05	9	<0.5	<0.2
1020687	Soil		12	31	0.90	206	0.129	<1	1.76	0.012	0.26	<0.1	0.02	2.7	0.1	<0.05	5	0.6	<0.2
1020688	Soil		12	33	0.91	226	0.128	<1	1.85	0.012	0.22	<0.1	0.03	4.7	0.1	<0.05	5	<0.5	<0.2
1011493	Soil		6	24	1.05	206	0.055	2	2.85	0.009	0.06	<0.1	0.02	3.4	0.1	0.08	9	<0.5	<0.2
1011496	Soil		17	32	0.51	268	0.058	2	1.78	0.011	0.05	<0.1	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1011495	Soil		23	13	0.35	750	0.010	2	1.39	0.007	0.09	<0.1	0.02	5.5	<0.1	<0.05	4	<0.5	<0.2
1011497	Soil		5	18	1.14	187	0.119	2	2.62	0.013	0.24	<0.1	<0.01	3.3	<0.1	<0.05	9	<0.5	<0.2
1011499	Soil		11	27	0.67	206	0.068	2	2.26	0.011	0.13	<0.1	<0.01	4.5	0.1	<0.05	7	<0.5	<0.2
1023825	Soil		20	14	1.10	421	0.161	2	2.25	0.012	0.37	<0.1	0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1023821	Soil		19	24	0.50	452	0.039	2	1.70	0.015	0.06	<0.1	0.01	5.5	<0.1	<0.05	6	0.6	<0.2
1023824	Soil		5	21	0.87	277	0.101	2	2.50	0.014	0.13	<0.1	0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1023823	Soil		13	29	0.57	359	0.073	1	1.96	0.013	0.05	0.1	0.02	3.8	<0.1	<0.05	5	0.6	<0.2
1011492	Soil		28	15	1.28	120	0.077	1	2.46	0.043	0.07	<0.1	<0.01	5.8	<0.1	<0.05	10	0.5	<0.2
1023815	Soil		12	24	0.82	309	0.164	1	2.10	0.019	0.36	0.2	<0.01	3.8	0.2	<0.05	8	0.9	<0.2
1023813	Soil		11	40	0.55	217	0.072	1	1.82	0.010	0.04	0.1	0.02	3.4	<0.1	<0.05	5	1.2	<0.2
1023827	Soil		12	29	0.55	226	0.062	<1	1.86	0.010	0.06	0.1	<0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1023814	Soil		17	44	0.73	311	0.104	2	2.08	0.014	0.06	<0.1	0.04	5.8	<0.1	<0.05	6	<0.5	<0.2
1023826	Soil		7	26	0.98	267	0.108	1	2.45	0.014	0.09	0.1	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023816	Soil	0.9	8.1	13.4	82	<0.1	10.1	12.4	628	3.47	7.1	0.3	2.5	2.0	19	0.5	0.3	0.1	87	0.34	0.120
1011500	Soil	0.9	32.2	9.0	71	0.1	44.2	13.2	487	3.85	7.3	0.3	1.4	2.0	19	0.2	0.3	0.1	91	0.29	0.058
1023809	Soil	0.4	16.4	3.9	141	<0.1	15.3	19.6	1140	6.02	3.0	0.2	1.7	1.5	25	<0.1	0.1	<0.1	128	0.67	0.215
1023810	Soil	0.6	50.9	6.3	77	<0.1	25.7	14.0	595	4.13	6.1	0.5	1.9	4.1	26	<0.1	0.3	<0.1	89	0.29	0.045
1023811	Soil	0.6	73.4	7.5	91	0.1	58.1	17.9	795	4.19	5.2	0.3	0.7	1.9	20	<0.1	0.2	<0.1	92	0.35	0.091
1011491	Soil	0.6	17.7	8.1	62	<0.1	15.5	10.9	409	3.66	6.7	0.9	2.9	4.4	30	<0.1	0.4	0.1	73	0.34	0.056
1011488	Soil	0.9	9.1	6.6	106	<0.1	13.3	12.9	1040	4.29	5.9	0.3	1.1	2.5	28	0.2	0.4	0.1	80	0.35	0.109
1023819	Soil	0.6	17.8	6.6	74	<0.1	16.1	12.7	506	3.84	6.1	0.9	3.6	3.2	25	<0.1	0.4	0.1	71	0.36	0.073
1023818	Soil	0.4	6.9	2.6	81	<0.1	9.0	15.1	595	2.62	3.8	0.6	1.9	2.6	17	<0.1	0.1	<0.1	75	0.40	0.134
1023817	Soil	1.1	18.8	9.5	57	<0.1	17.7	10.2	308	3.34	9.9	1.2	3.5	5.2	20	<0.1	0.6	0.2	64	0.23	0.038
1011498	Soil	0.8	19.9	8.5	58	<0.1	18.9	10.8	381	3.54	9.4	0.8	1.6	4.7	24	<0.1	0.6	0.1	72	0.22	0.027
1011494	Soil	0.5	12.9	5.4	72	<0.1	12.4	11.8	500	3.85	4.9	0.7	3.3	4.3	20	<0.1	0.4	<0.1	77	0.35	0.087
1023822	Soil	0.4	12.2	4.2	82	<0.1	11.1	11.3	616	4.32	4.2	0.7	2.6	2.3	35	<0.1	0.3	<0.1	83	0.53	0.110
1011490	Soil	0.9	20.8	8.9	55	<0.1	18.1	10.5	332	3.40	8.5	1.0	1.0	3.6	30	<0.1	0.4	0.1	70	0.34	0.041
1011489	Soil	1.0	16.7	10.7	59	<0.1	19.0	10.0	366	3.42	8.8	0.6	1.5	3.0	24	<0.1	0.5	0.2	69	0.22	0.065
1011466	Soil	0.6	7.6	6.9	103	<0.1	11.0	12.7	847	4.47	5.3	0.4	2.0	1.7	52	0.2	0.3	<0.1	78	0.60	0.193
1011465	Soil	0.8	13.6	6.9	69	<0.1	17.7	10.9	394	3.54	9.1	0.3	2.2	2.1	21	0.1	0.5	0.1	71	0.33	0.065
1011464	Soil	0.4	7.2	6.1	107	<0.1	8.8	13.2	838	5.32	5.6	0.4	<0.5	2.7	37	<0.1	0.3	0.1	83	0.51	0.156
1011484	Soil	0.7	8.6	10.1	57	<0.1	8.1	7.0	398	2.42	3.5	0.4	1.9	1.9	29	<0.1	0.1	0.2	53	0.54	0.126
1011481	Soil	0.8	15.7	5.9	78	<0.1	13.3	14.1	690	4.42	7.0	0.9	2.5	3.1	35	<0.1	0.3	0.1	86	0.73	0.139
1011470	Soil	0.5	9.3	3.9	92	<0.1	11.0	12.0	712	3.42	4.7	0.3	1.6	1.8	30	<0.1	0.3	<0.1	80	0.56	0.180
1011475	Soil	0.6	11.3	10.6	87	<0.1	8.3	9.2	503	3.47	8.1	0.4	1.1	2.8	30	<0.1	0.4	<0.1	58	0.50	0.137
1011469	Soil	0.4	5.8	6.0	63	<0.1	9.8	6.7	603	3.85	6.4	0.4	2.0	3.5	23	<0.1	0.5	<0.1	76	0.52	0.145
1011468	Soil	0.8	9.6	10.9	102	<0.1	17.9	13.5	683	3.57	7.2	0.4	1.3	2.0	39	<0.1	0.4	0.2	77	0.64	0.141
1011467	Soil	0.4	6.5	2.9	122	<0.1	8.9	14.7	990	4.35	3.7	0.3	<0.5	1.2	35	<0.1	0.2	<0.1	98	0.65	0.201
1023812	Soil	1.1	43.0	11.3	60	0.2	22.2	9.7	276	3.00	9.9	1.2	6.1	4.8	20	<0.1	0.5	0.2	70	0.23	0.038
1011474	Soil	0.6	27.9	6.6	69	<0.1	20.6	10.8	429	3.19	8.0	1.5	2.1	4.0	35	<0.1	0.4	0.1	74	0.46	0.079
1011473	Soil	0.5	4.8	2.3	98	<0.1	5.8	10.7	716	3.60	3.1	0.2	1.0	0.8	22	<0.1	0.1	<0.1	79	0.57	0.200
1011472	Soil	0.4	9.2	3.5	120	<0.1	10.7	15.2	819	4.23	4.4	0.4	<0.5	1.5	38	<0.1	0.2	<0.1	92	0.81	0.225
1011471	Soil	0.8	7.3	6.2	91	<0.1	13.5	12.1	818	3.66	5.9	0.3	1.1	1.8	42	<0.1	0.4	<0.1	80	0.61	0.157

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Project: PED
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000433.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023816	Soil	7	17	0.78	161	0.166	1	1.89	0.014	0.26	0.1	0.01	2.3	<0.1	<0.05	10	0.7	<0.2
1011500	Soil	6	69	1.10	257	0.138	2	2.52	0.014	0.13	0.1	<0.01	2.3	0.1	<0.05	8	0.6	<0.2
1023809	Soil	4	25	2.01	266	0.193	1	3.37	0.020	0.67	<0.1	<0.01	3.2	0.2	<0.05	13	<0.5	<0.2
1023810	Soil	9	50	1.13	160	0.114	<1	2.56	0.015	0.07	<0.1	0.02	3.9	<0.1	<0.05	8	<0.5	<0.2
1023811	Soil	5	90	1.56	191	0.181	<1	2.64	0.016	0.27	<0.1	<0.01	2.9	0.2	<0.05	10	0.6	<0.2
1011491	Soil	19	32	0.78	260	0.065	1	2.38	0.014	0.05	<0.1	0.03	5.6	<0.1	<0.05	7	0.6	<0.2
1011488	Soil	8	22	1.12	295	0.046	<1	2.54	0.009	0.09	<0.1	<0.01	4.1	<0.1	<0.05	9	<0.5	<0.2
1023819	Soil	14	26	0.92	234	0.101	<1	2.37	0.015	0.06	<0.1	0.03	5.0	<0.1	<0.05	7	0.6	<0.2
1023818	Soil	10	14	1.14	257	0.190	<1	1.89	0.014	0.67	0.1	<0.01	2.2	0.2	<0.05	6	<0.5	<0.2
1023817	Soil	15	37	0.53	225	0.072	<1	1.93	0.013	0.06	0.2	0.01	5.4	<0.1	<0.05	6	<0.5	<0.2
1011498	Soil	16	35	0.68	240	0.081	1	2.42	0.012	0.05	<0.1	0.02	4.7	<0.1	<0.05	7	0.5	<0.2
1011494	Soil	18	25	0.91	228	0.074	<1	2.38	0.017	0.07	<0.1	0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
1023822	Soil	13	17	1.16	433	0.096	<1	2.33	0.013	0.13	<0.1	0.01	6.0	<0.1	<0.05	8	0.7	<0.2
1011490	Soil	16	34	0.62	300	0.071	2	2.09	0.012	0.05	0.1	0.04	5.7	<0.1	<0.05	6	0.6	<0.2
1011489	Soil	11	31	0.58	277	0.049	<1	2.15	0.010	0.05	0.2	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
1011466	Soil	6	17	1.19	284	0.049	<1	2.25	0.009	0.12	<0.1	0.01	4.5	<0.1	<0.05	9	0.6	<0.2
1011465	Soil	6	26	0.91	226	0.102	2	2.53	0.017	0.08	<0.1	0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1011464	Soil	13	16	1.29	238	0.014	<1	2.42	0.010	0.06	<0.1	0.02	7.1	<0.1	<0.05	11	0.5	<0.2
1011484	Soil	8	17	0.63	222	0.078	<1	1.58	0.010	0.17	0.1	0.01	2.2	<0.1	<0.05	6	0.8	<0.2
1011481	Soil	14	25	1.12	327	0.061	2	2.13	0.017	0.07	0.1	0.02	7.3	<0.1	<0.05	8	0.9	<0.2
1011470	Soil	6	19	1.22	404	0.195	<1	2.35	0.014	0.57	0.1	0.01	2.3	0.2	<0.05	7	<0.5	<0.2
1011475	Soil	10	12	0.66	336	0.033	2	2.11	0.010	0.15	<0.1	0.01	3.8	0.2	<0.05	6	<0.5	<0.2
1011469	Soil	24	10	0.29	190	0.009	<1	1.52	0.009	0.05	<0.1	0.02	8.7	<0.1	<0.05	6	<0.5	<0.2
1011468	Soil	6	27	0.98	293	0.130	2	2.48	0.014	0.09	0.1	<0.01	2.5	<0.1	<0.05	8	<0.5	<0.2
1011467	Soil	5	13	1.59	670	0.308	<1	2.56	0.014	1.18	<0.1	<0.01	2.6	0.2	<0.05	10	<0.5	<0.2
1023812	Soil	19	40	0.50	246	0.071	3	1.90	0.011	0.04	0.2	0.05	4.7	0.1	<0.05	6	<0.5	<0.2
1011474	Soil	18	30	0.75	353	0.120	<1	1.97	0.016	0.22	0.1	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1011473	Soil	4	10	1.15	379	0.221	<1	2.12	0.017	0.99	<0.1	<0.01	2.8	0.2	<0.05	8	<0.5	<0.2
1011472	Soil	9	17	1.43	344	0.224	<1	2.60	0.022	0.67	<0.1	0.01	2.8	0.2	0.08	9	<0.5	<0.2
1011471	Soil	6	22	1.00	373	0.136	1	2.31	0.019	0.29	<0.1	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000433.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011452	Soil	1.3	24.6	8.7	68	0.1	19.8	9.1	279	3.43	10.7	0.6	3.5	3.3	25	0.1	0.4	0.2	84	0.31	0.053
1011451	Soil	1.0	11.5	5.4	132	<0.1	11.1	19.1	1129	6.05	6.5	0.2	<0.5	0.9	38	<0.1	0.2	<0.1	142	0.91	0.272
1011453	Soil	1.7	95.2	6.1	101	0.1	21.7	14.3	625	3.96	5.8	0.6	2.6	2.5	42	0.1	0.3	<0.1	93	0.62	0.105
1011454	Soil	1.0	41.0	4.5	103	<0.1	7.5	13.4	728	5.08	4.4	0.3	2.5	1.5	39	<0.1	0.3	<0.1	103	0.84	0.172
1011487	Soil	0.8	29.1	7.3	72	0.1	23.8	10.8	458	2.76	6.6	1.2	4.0	3.7	37	0.1	0.6	0.1	60	0.64	0.088
1011477	Soil	1.2	17.4	13.1	55	<0.1	19.9	9.1	469	2.86	9.4	0.6	1.5	3.4	21	<0.1	0.5	0.2	70	0.24	0.032
1011485	Soil	0.6	11.0	9.8	85	<0.1	27.1	13.8	574	4.14	3.7	0.5	0.8	2.9	51	<0.1	0.2	<0.1	81	0.90	0.178
1011476	Soil	0.5	9.5	4.5	97	<0.1	7.6	11.1	754	4.02	4.3	0.3	0.5	1.2	31	<0.1	0.2	<0.1	74	0.51	0.149
1011462	Soil	0.7	16.7	6.2	80	<0.1	18.3	10.9	527	3.51	7.5	0.7	1.9	3.5	29	<0.1	0.3	0.1	71	0.41	0.088
1011463	Soil	0.6	16.0	5.8	86	<0.1	17.6	11.8	579	3.55	6.8	0.7	2.7	3.2	30	<0.1	0.4	<0.1	71	0.51	0.111
1011479	Soil	0.8	31.6	7.1	58	0.2	13.8	9.2	539	2.87	5.9	0.7	4.7	3.2	33	<0.1	0.4	<0.1	51	0.89	0.081
1011482	Soil	0.5	8.2	4.6	74	<0.1	12.3	13.9	463	3.61	4.9	0.4	1.3	1.8	30	0.1	0.2	<0.1	98	0.70	0.155
1011483	Soil	0.9	10.3	8.7	64	<0.1	13.2	10.8	484	2.81	5.8	0.5	3.3	2.8	25	<0.1	0.2	0.3	73	0.48	0.093
1011480	Soil	0.9	15.6	11.2	80	<0.1	17.6	12.6	594	4.11	5.3	1.1	1.4	3.4	44	<0.1	0.3	0.1	94	0.95	0.142
1011478	Soil	0.9	4.6	6.3	57	<0.1	4.8	5.0	585	2.28	3.3	0.4	0.8	4.3	20	<0.1	0.2	<0.1	17	0.29	0.077
1011407	Soil	1.1	22.8	9.0	67	<0.1	19.3	12.5	431	3.09	6.4	1.3	1.7	9.6	22	<0.1	0.4	0.2	69	0.33	0.044
1011408	Soil	1.4	50.9	11.4	72	0.6	24.4	10.8	383	3.45	6.6	4.7	2.0	4.0	22	0.5	0.4	0.2	72	0.23	0.076
1011409	Soil	1.5	21.0	10.9	68	0.2	18.4	11.6	427	3.86	9.2	0.9	1.9	5.6	22	0.1	0.4	0.2	89	0.31	0.049
1011402	Soil	0.9	34.3	7.1	73	<0.1	20.2	12.2	401	3.37	7.0	0.7	9.6	3.0	22	0.1	0.3	0.1	81	0.31	0.057
1011411	Soil	1.3	28.0	11.5	68	<0.1	19.1	11.3	365	3.30	6.8	1.7	1.9	8.8	25	0.2	0.3	0.2	75	0.35	0.049
1011459	Soil	1.0	10.0	5.8	69	<0.1	14.1	10.3	442	3.14	7.6	0.5	1.3	2.6	25	<0.1	0.3	0.1	75	0.39	0.061
1011456	Soil	0.7	44.9	6.4	74	<0.1	17.0	11.3	462	3.09	5.8	0.7	10.9	3.3	33	<0.1	0.3	<0.1	65	0.43	0.067
1011455	Soil	1.6	47.7	9.1	59	<0.1	14.7	8.0	342	3.50	10.3	0.4	2.2	2.5	18	0.1	0.4	0.2	86	0.22	0.079
1011405	Soil	0.6	39.1	5.7	93	<0.1	22.9	22.4	589	4.58	4.4	2.3	3.7	16.4	38	<0.1	0.3	0.1	91	0.97	0.240
1011404	Soil	0.8	29.1	7.8	73	<0.1	20.2	14.0	461	3.48	6.0	0.8	1.9	5.7	24	<0.1	0.4	0.1	78	0.38	0.052
1011461	Soil	0.5	7.7	4.6	102	<0.1	12.9	11.6	761	3.42	7.0	0.2	1.1	1.4	32	<0.1	0.3	<0.1	71	0.56	0.220
1011486	Soil	0.6	15.6	9.2	58	<0.1	17.0	9.7	565	2.38	5.7	1.6	2.2	3.3	45	0.1	0.6	0.2	51	0.67	0.081
1011460	Soil	0.7	12.8	6.2	74	<0.1	13.3	10.2	515	3.02	6.7	0.4	1.8	2.1	21	<0.1	0.4	0.1	71	0.29	0.081
1011458	Soil	0.6	5.7	3.7	91	<0.1	7.3	14.7	818	3.99	3.9	0.3	1.3	2.1	27	<0.1	0.2	<0.1	80	0.56	0.180
1011457	Soil	0.7	6.3	4.2	101	<0.1	8.5	12.8	716	3.64	3.3	0.2	<0.5	1.1	31	<0.1	0.2	<0.1	74	0.48	0.151

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011452	Soil	12	38	0.63	284	0.091	2	2.60	0.012	0.08	0.2	0.04	3.3	0.1	0.08	7	<0.5	<0.2
1011451	Soil	3	24	1.80	320	0.229	<1	3.20	0.035	0.52	<0.1	0.01	5.3	0.1	<0.05	13	<0.5	<0.2
1011453	Soil	12	37	1.12	394	0.117	2	2.38	0.021	0.11	<0.1	0.02	4.8	<0.1	0.05	8	<0.5	<0.2
1011454	Soil	11	14	1.31	554	0.065	<1	2.92	0.008	0.07	<0.1	0.01	6.1	<0.1	<0.05	11	<0.5	<0.2
1011487	Soil	15	30	0.71	354	0.093	<1	1.66	0.020	0.09	0.2	0.03	4.0	<0.1	<0.05	5	<0.5	<0.2
1011477	Soil	11	35	0.46	362	0.066	<1	2.00	0.009	0.09	0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1011485	Soil	13	51	1.28	558	0.123	<1	2.79	0.013	0.33	<0.1	<0.01	4.9	<0.1	<0.05	9	<0.5	<0.2
1011476	Soil	6	11	1.22	299	0.162	1	2.58	0.008	0.67	<0.1	<0.01	2.5	0.2	<0.05	9	<0.5	<0.2
1011462	Soil	16	29	0.83	256	0.072	<1	2.10	0.014	0.09	<0.1	0.02	5.0	<0.1	<0.05	7	<0.5	<0.2
1011463	Soil	17	28	0.93	260	0.084	<1	2.20	0.015	0.11	<0.1	0.01	5.5	<0.1	<0.05	7	<0.5	<0.2
1011479	Soil	22	18	0.36	1016	0.020	1	1.42	0.013	0.11	0.1	0.06	4.9	<0.1	<0.05	4	<0.5	<0.2
1011482	Soil	7	24	1.08	385	0.185	<1	2.25	0.020	0.30	<0.1	0.02	3.2	0.1	<0.05	8	<0.5	<0.2
1011483	Soil	11	25	0.68	351	0.085	<1	1.84	0.013	0.12	0.1	0.02	3.1	<0.1	<0.05	7	<0.5	<0.2
1011480	Soil	12	32	1.01	451	0.053	<1	2.31	0.019	0.11	<0.1	0.02	6.7	<0.1	<0.05	9	<0.5	<0.2
1011478	Soil	13	5	0.12	984	0.002	<1	0.86	0.003	0.16	<0.1	<0.01	2.6	<0.1	<0.05	2	<0.5	<0.2
1011407	Soil	24	36	0.71	246	0.099	<1	1.97	0.012	0.08	0.1	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1011408	Soil	47	36	0.56	283	0.068	1	2.42	0.015	0.09	<0.1	0.05	3.9	0.1	<0.05	8	0.6	<0.2
1011409	Soil	15	37	0.68	192	0.116	<1	1.99	0.010	0.09	0.1	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
1011402	Soil	14	36	0.82	197	0.127	<1	2.08	0.014	0.17	<0.1	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1011411	Soil	23	34	0.68	207	0.116	<1	2.26	0.012	0.08	0.1	0.02	3.3	0.1	<0.05	8	0.6	<0.2
1011459	Soil	9	25	0.72	298	0.109	<1	2.00	0.013	0.09	0.1	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1011456	Soil	13	25	0.83	481	0.086	<1	2.02	0.015	0.07	0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1011455	Soil	9	28	0.52	235	0.074	<1	2.01	0.009	0.07	0.1	0.02	3.0	<0.1	<0.05	8	<0.5	<0.2
1011405	Soil	37	38	1.39	321	0.176	<1	2.52	0.026	0.46	<0.1	0.02	4.7	0.3	<0.05	8	<0.5	<0.2
1011404	Soil	14	34	0.82	193	0.144	<1	2.26	0.015	0.13	<0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1011461	Soil	5	17	1.12	242	0.113	2	2.19	0.017	0.16	0.1	0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1011486	Soil	14	27	0.70	316	0.076	2	1.43	0.021	0.07	0.2	0.04	3.2	<0.1	<0.05	4	0.6	<0.2
1011460	Soil	9	23	0.92	246	0.140	<1	2.07	0.019	0.19	0.1	0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1011458	Soil	5	16	0.91	304	0.108	1	2.33	0.013	0.37	<0.1	0.01	5.1	0.1	<0.05	8	<0.5	<0.2
1011457	Soil	4	14	1.09	376	0.180	1	2.22	0.013	0.61	<0.1	0.02	2.4	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000433.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011403	Soil	0.5	26.8	8.3	69	<0.1	17.2	12.8	497	3.00	5.6	1.2	2.1	8.9	25	0.1	0.4	0.1	61	0.36	0.064
1011410	Soil	0.8	25.4	10.2	44	0.1	13.4	6.1	214	2.31	3.8	1.5	1.2	5.3	26	0.2	0.3	0.1	54	0.27	0.035
1011413	Soil	0.7	25.6	8.1	69	<0.1	15.1	9.8	340	3.00	4.7	1.7	1.9	7.3	24	0.1	0.3	0.2	61	0.32	0.062
1011423	Soil	0.9	11.7	6.9	57	<0.1	27.9	10.7	429	2.71	5.4	0.4	1.0	2.1	25	<0.1	0.3	0.1	83	0.32	0.074
1011420	Soil	0.5	22.5	10.4	48	<0.1	16.2	7.8	405	2.19	6.5	0.6	2.3	3.1	28	0.1	1.2	0.1	39	0.37	0.045
1011416	Soil	0.6	16.7	6.4	65	0.2	13.5	10.0	309	2.76	3.6	1.1	1.2	2.6	28	0.1	0.2	<0.1	58	0.36	0.064
1011414	Soil	1.3	15.8	8.2	63	<0.1	12.9	9.2	342	3.08	5.7	1.0	0.9	5.0	21	<0.1	0.3	0.1	65	0.24	0.046
1011417	Soil	1.0	28.0	7.3	69	<0.1	16.8	12.0	386	2.91	8.4	0.9	0.7	5.2	28	<0.1	0.3	0.1	58	0.35	0.056
1011421	Soil	0.5	27.2	9.5	60	0.1	19.6	11.3	622	2.55	7.0	2.2	3.7	2.8	50	0.1	0.9	0.2	56	0.69	0.055
1011406	Soil	0.8	21.0	7.7	67	0.1	18.4	13.3	494	2.93	5.0	1.4	3.0	6.0	28	<0.1	0.3	0.1	63	0.39	0.054
1011419	Soil	1.2	33.6	7.7	75	<0.1	14.3	20.6	704	4.57	18.5	0.6	1.8	2.6	22	0.1	0.5	<0.1	104	0.34	0.059
1011418	Soil	0.7	23.0	7.5	59	<0.1	16.0	10.1	381	2.73	11.6	1.1	2.8	5.3	29	<0.1	0.3	0.1	57	0.34	0.049
1011401	Soil	0.6	27.8	5.7	77	<0.1	17.3	13.3	448	3.14	4.4	0.5	3.4	3.3	19	0.1	0.2	<0.1	71	0.31	0.061
1011412	Soil	0.7	26.0	8.8	70	<0.1	19.0	12.0	356	2.91	6.0	1.9	2.4	9.4	22	<0.1	0.2	0.1	58	0.35	0.059
1011415	Soil	1.0	18.9	7.1	77	<0.1	13.8	11.2	376	3.39	4.8	0.9	2.3	5.2	27	<0.1	0.2	0.1	64	0.32	0.054
1031656	Soil	0.8	20.2	11.0	59	<0.1	17.2	11.3	406	3.07	6.4	2.0	3.0	24.3	19	0.3	0.4	0.1	59	0.22	0.041
1011255	Soil	0.5	19.1	8.5	28	<0.1	9.1	4.1	144	1.61	3.2	1.8	1.4	3.1	23	<0.1	0.2	0.2	38	0.21	0.046
1031507	Soil	0.2	26.5	16.8	49	0.2	18.8	9.7	305	2.49	6.0	1.2	3.1	3.9	41	0.2	1.5	0.1	52	1.01	0.061
1031502	Soil	0.5	16.2	10.7	55	0.1	18.1	12.0	473	2.71	7.9	0.5	2.6	1.9	36	0.2	1.2	0.1	55	1.14	0.067
1031504	Soil	0.5	12.4	7.3	59	<0.1	13.3	10.8	461	2.54	5.6	0.6	1.0	3.6	27	0.1	0.2	0.1	61	0.45	0.035
1011429	Soil	1.0	14.3	6.7	60	0.1	11.4	10.4	835	2.74	3.8	0.3	0.8	2.0	31	0.1	0.3	0.1	73	0.42	0.071
1011424	Soil	0.5	51.2	6.8	87	<0.1	22.8	13.8	540	3.82	5.0	0.8	2.7	4.1	35	<0.1	0.5	<0.1	102	0.61	0.102
1011427	Soil	0.8	28.0	9.3	63	0.1	19.0	11.6	530	2.98	5.6	0.6	3.0	3.3	36	<0.1	0.6	0.1	70	0.62	0.056
1011432	Soil	0.9	22.4	6.3	53	<0.1	22.7	10.0	339	2.66	5.0	0.7	5.1	4.0	39	0.1	0.4	0.1	65	0.60	0.112
1011425	Soil	0.5	31.4	8.1	53	<0.1	22.9	10.3	436	2.58	7.8	0.6	4.2	3.8	34	0.1	0.6	0.1	63	0.74	0.051
1011431	Soil	0.7	10.9	3.3	94	<0.1	8.8	15.7	827	4.50	3.9	0.3	1.7	1.6	48	<0.1	0.2	<0.1	117	0.97	0.214
1011426	Soil	1.0	27.3	10.7	54	<0.1	24.2	10.6	343	2.73	7.3	0.8	4.3	3.5	29	0.1	0.5	0.1	68	0.51	0.037
1011430	Soil	0.8	8.2	3.1	87	<0.1	7.1	13.9	874	4.46	3.7	0.3	93.4	1.8	42	<0.1	0.2	<0.1	113	0.89	0.217
1011422	Soil	0.5	14.8	4.2	59	<0.1	7.6	7.4	381	2.41	2.8	0.5	1.0	4.7	18	<0.1	0.2	<0.1	46	0.32	0.051
1011428	Soil	1.0	14.2	5.7	77	<0.1	10.1	12.0	525	4.08	4.8	0.3	0.9	2.2	31	<0.1	0.4	<0.1	95	0.55	0.142

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011403	Soil	21	28	0.82	234	0.111	2	1.77	0.016	0.11	0.2	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1011410	Soil	26	24	0.50	195	0.075	<1	1.64	0.013	0.07	<0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1011413	Soil	20	28	0.77	255	0.126	<1	1.96	0.013	0.17	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1011423	Soil	7	63	0.94	143	0.103	1	1.50	0.010	0.22	0.1	0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1011420	Soil	12	19	0.47	800	0.037	2	1.06	0.017	0.06	<0.1	0.04	3.9	<0.1	<0.05	3	<0.5	<0.2
1011416	Soil	13	21	0.80	203	0.102	1	1.86	0.013	0.09	0.1	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
1011414	Soil	13	35	0.64	177	0.117	1	1.73	0.012	0.12	0.1	0.02	2.1	0.1	<0.05	6	<0.5	<0.2
1011417	Soil	14	30	0.78	209	0.081	<1	1.78	0.012	0.07	0.2	<0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1011421	Soil	17	26	0.65	520	0.045	1	1.64	0.018	0.06	0.1	0.05	4.9	<0.1	<0.05	5	<0.5	<0.2
1011406	Soil	20	32	0.82	293	0.109	<1	1.94	0.017	0.10	<0.1	0.04	3.9	0.1	<0.05	6	<0.5	<0.2
1011419	Soil	9	24	0.65	132	0.023	<1	1.85	0.012	0.05	<0.1	0.02	8.2	<0.1	<0.05	6	<0.5	<0.2
1011418	Soil	22	29	0.70	216	0.084	<1	1.66	0.015	0.07	<0.1	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1011401	Soil	11	29	0.89	175	0.131	2	1.69	0.015	0.23	0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1011412	Soil	21	33	0.73	230	0.092	1	1.86	0.013	0.08	0.2	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
1011415	Soil	13	28	0.79	201	0.124	<1	1.98	0.012	0.19	<0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1031656	Soil	44	28	0.69	170	0.090	<1	1.87	0.015	0.11	<0.1	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1011255	Soil	37	19	0.30	175	0.061	<1	1.14	0.010	0.06	0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
1031507	Soil	14	24	0.66	328	0.038	2	1.37	0.016	0.05	<0.1	0.05	3.7	<0.1	0.05	4	<0.5	<0.2
1031502	Soil	10	26	0.87	163	0.042	2	1.54	0.015	0.05	0.1	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1031504	Soil	11	25	0.93	214	0.071	<1	1.87	0.011	0.07	<0.1	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1011429	Soil	9	22	0.66	393	0.077	<1	1.61	0.016	0.08	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1011424	Soil	18	47	1.01	306	0.059	<1	2.09	0.016	0.08	<0.1	0.03	10.9	<0.1	<0.05	8	<0.5	<0.2
1011427	Soil	12	29	0.74	502	0.068	<1	1.88	0.034	0.07	0.1	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1011432	Soil	13	36	0.77	279	0.081	2	1.34	0.028	0.08	0.3	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
1011425	Soil	15	31	0.73	270	0.079	1	1.64	0.027	0.06	0.1	0.05	5.0	<0.1	<0.05	5	<0.5	<0.2
1011431	Soil	7	15	1.31	470	0.195	<1	2.18	0.036	0.43	<0.1	0.01	4.4	<0.1	<0.05	9	0.5	<0.2
1011426	Soil	14	39	0.65	447	0.068	<1	2.00	0.015	0.06	0.1	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
1011430	Soil	7	12	1.12	492	0.152	<1	2.00	0.026	0.35	<0.1	0.02	5.0	<0.1	<0.05	8	<0.5	<0.2
1011422	Soil	11	16	0.73	179	0.035	<1	1.38	0.006	0.09	<0.1	<0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1011428	Soil	6	17	0.95	271	0.079	<1	2.23	0.018	0.11	<0.1	0.02	4.3	<0.1	<0.05	8	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031651	Soil		0.5	32.8	8.7	59	0.2	27.8	11.1	482	2.65	10.5	0.4	3.5	2.4	39	0.1	0.7	0.2	63	1.77	0.046
1031653	Soil		0.3	33.5	7.3	67	0.2	19.9	11.6	352	3.24	7.1	0.5	3.6	3.2	31	<0.1	0.5	0.1	57	0.78	0.062
1031652	Soil		0.4	31.0	8.1	53	0.1	21.1	9.4	403	2.53	7.0	0.5	3.5	2.6	33	0.1	0.4	0.1	61	1.39	0.042
1031586	Soil		1.2	26.5	8.5	60	<0.1	14.2	9.6	320	3.64	7.4	1.3	1.8	9.8	22	0.1	0.4	0.2	73	0.18	0.050
1031584	Soil		0.6	21.4	7.9	44	<0.1	18.0	8.4	236	2.42	6.6	1.3	1.7	6.2	20	<0.1	0.4	0.2	56	0.26	0.044
1011257	Soil		0.7	25.0	13.1	46	0.2	17.5	9.6	331	2.12	5.3	2.8	4.0	2.8	58	0.2	0.9	0.2	40	1.76	0.062
1031655	Soil		0.9	27.6	7.5	74	<0.1	23.6	12.1	505	4.57	6.1	1.4	1.3	11.8	20	0.1	0.2	0.1	97	0.29	0.096
1031654	Soil		0.5	41.6	16.9	56	0.2	24.1	9.4	362	2.59	10.3	0.4	3.3	2.7	38	0.1	1.0	0.2	59	1.15	0.052
1011254	Soil		0.6	30.8	23.5	56	0.1	22.4	8.7	357	2.40	7.8	0.4	2.7	2.4	42	0.2	0.4	0.1	53	1.65	0.052
1011253	Soil		0.5	23.4	8.6	43	0.2	19.8	9.2	341	2.30	6.8	0.8	1.4	1.6	36	0.2	0.3	0.1	53	1.04	0.054
1031505	Soil		0.5	20.9	6.1	61	0.1	28.9	14.2	487	2.68	5.3	0.8	2.9	3.0	28	0.2	0.4	0.1	68	0.62	0.066
1031508	Soil		0.6	19.3	14.8	43	0.1	16.0	9.6	354	2.23	7.1	0.9	11.8	3.8	39	0.2	0.6	0.1	41	1.17	0.047
1031506	Soil		0.6	11.9	6.7	52	<0.1	23.0	12.0	458	2.45	5.0	0.6	4.7	2.1	37	0.1	0.5	0.1	63	1.08	0.075
1031503	Soil		0.3	28.2	10.0	62	0.1	23.6	10.6	445	2.47	7.0	0.6	3.7	2.4	35	0.5	0.5	0.1	56	1.31	0.054
1011256	Soil		0.8	24.7	7.6	63	<0.1	16.8	10.2	351	2.78	5.1	1.2	2.2	9.2	23	<0.1	0.3	0.1	56	0.36	0.044
1023896	Soil		1.5	16.6	10.4	65	0.1	13.8	11.1	415	3.08	6.2	0.9	1.5	8.3	25	<0.1	0.3	0.1	48	0.43	0.036
1023897	Soil		1.2	12.3	9.1	48	<0.1	13.1	9.6	343	2.52	4.9	0.6	<0.5	5.9	23	<0.1	0.3	0.1	47	0.43	0.029
1023894	Soil		0.5	111.4	2.7	91	<0.1	31.7	25.5	532	5.16	4.1	0.6	1.2	1.3	39	<0.1	0.2	<0.1	111	0.95	0.215
1023895	Soil		1.0	22.3	8.4	54	<0.1	17.0	9.1	380	2.79	6.6	0.8	0.6	5.6	25	<0.1	0.3	0.1	53	0.47	0.039
1023884	Soil		1.1	25.5	7.7	53	0.1	24.6	10.2	289	2.74	9.2	0.7	2.3	4.2	18	<0.1	0.5	0.1	58	0.29	0.036
1031583	Soil		0.4	16.7	5.7	72	<0.1	11.6	10.5	736	3.67	2.5	3.6	3.2	37.1	29	<0.1	0.3	<0.1	41	0.47	0.082
1031510	Soil		1.4	25.4	15.7	86	0.1	30.0	14.1	709	4.18	7.2	0.6	1.0	4.3	21	0.1	0.2	<0.1	62	0.60	0.071
1031509	Soil		1.2	27.7	7.5	52	0.2	20.2	9.1	291	2.63	8.7	0.6	2.1	4.1	23	<0.1	0.5	0.1	53	0.42	0.032
1023882	Soil		1.0	42.2	6.3	44	0.3	23.4	9.2	319	2.22	9.4	0.5	5.0	2.7	61	0.1	0.5	<0.1	43	3.20	0.064
1023883	Soil		3.9	41.1	9.9	71	0.2	22.0	13.7	552	2.95	9.6	3.5	2.2	0.9	359	0.3	2.6	0.2	41	4.33	0.143
1011252	Soil		0.9	26.0	8.6	49	0.2	22.7	9.4	395	2.45	9.0	0.4	0.9	2.6	37	0.1	0.5	0.1	50	1.46	0.041
1011251	Soil		2.1	50.6	7.4	60	<0.1	24.9	13.0	430	3.45	26.3	1.0	7.0	4.6	29	<0.1	0.3	<0.1	73	0.36	0.031
1031657	Soil		1.0	18.3	9.2	59	<0.1	25.7	11.0	289	3.06	11.4	0.5	1.3	6.8	17	<0.1	0.5	0.1	71	0.18	0.027
1031658	Soil		0.8	15.5	7.1	51	<0.1	21.3	11.0	248	2.75	9.8	0.5	2.0	4.2	14	<0.1	0.5	0.1	58	0.16	0.034
1031585	Soil		0.5	26.7	13.9	53	<0.1	33.6	11.3	342	2.96	6.7	1.9	1.8	13.9	28	<0.1	0.3	0.4	64	0.30	0.033

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Project: PED
Report Date: August 09, 2011

CERTIFICATE OF ANALYSIS WHI11000433.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031651	Soil	12	31	1.08	323	0.064	2	1.49	0.022	0.06	0.1	0.07	4.5	<0.1	<0.05	4	0.7	<0.2
1031653	Soil	15	24	0.85	767	0.046	2	1.48	0.020	0.06	0.1	0.05	4.8	<0.1	<0.05	5	0.7	<0.2
1031652	Soil	12	27	2.54	420	0.049	2	2.09	0.018	0.04	0.1	0.04	4.4	<0.1	<0.05	6	0.7	<0.2
1031586	Soil	11	25	0.61	127	0.061	<1	2.02	0.007	0.04	<0.1	<0.01	2.4	<0.1	<0.05	8	0.6	<0.2
1031584	Soil	19	28	0.50	198	0.070	2	1.61	0.011	0.04	0.1	0.02	3.4	0.1	<0.05	5	0.7	<0.2
1011257	Soil	20	23	0.69	471	0.033	3	1.38	0.013	0.03	0.1	0.07	2.9	<0.1	0.05	4	0.9	<0.2
1031655	Soil	25	35	1.15	90	0.187	<1	2.23	0.016	0.23	<0.1	0.01	2.4	0.2	<0.05	10	0.9	<0.2
1031654	Soil	12	29	1.01	318	0.056	2	1.54	0.020	0.05	0.1	0.04	4.5	<0.1	<0.05	5	0.8	<0.2
1011254	Soil	11	31	1.28	351	0.046	<1	1.61	0.018	0.04	0.1	0.04	4.0	<0.1	<0.05	5	0.7	<0.2
1011253	Soil	12	28	0.68	320	0.040	<1	1.47	0.015	0.04	0.1	0.05	3.2	<0.1	<0.05	5	0.8	<0.2
1031505	Soil	15	38	1.26	267	0.079	<1	1.82	0.013	0.07	0.1	0.03	4.9	<0.1	<0.05	6	1.1	<0.2
1031508	Soil	13	21	0.54	317	0.037	1	1.21	0.013	0.03	0.1	0.03	3.0	<0.1	<0.05	4	1.1	<0.2
1031506	Soil	9	35	1.30	180	0.064	2	1.58	0.013	0.05	0.1	0.04	4.5	<0.1	<0.05	5	0.6	<0.2
1031503	Soil	13	28	0.92	247	0.054	2	1.49	0.016	0.04	<0.1	0.06	4.1	<0.1	<0.05	5	0.7	<0.2
1011256	Soil	22	28	0.67	215	0.078	<1	1.80	0.011	0.05	0.1	0.02	2.8	<0.1	<0.05	6	0.8	<0.2
1023896	Soil	18	25	0.58	225	0.036	2	1.86	0.008	0.14	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1023897	Soil	13	24	0.53	171	0.038	<1	1.64	0.008	0.08	<0.1	<0.01	3.7	<0.1	<0.05	5	0.6	<0.2
1023894	Soil	7	66	2.72	220	0.202	<1	2.89	0.033	0.21	<0.1	0.02	7.6	0.1	<0.05	9	1.0	<0.2
1023895	Soil	12	28	0.54	201	0.053	1	1.62	0.010	0.09	0.1	0.01	3.1	<0.1	<0.05	5	0.6	<0.2
1023884	Soil	15	36	0.63	163	0.070	<1	1.84	0.010	0.07	0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1031583	Soil	58	13	0.66	236	0.055	<1	1.59	0.009	0.17	<0.1	0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1031510	Soil	19	65	1.37	158	0.050	<1	2.54	0.008	0.11	<0.1	0.01	5.4	<0.1	<0.05	9	0.6	<0.2
1031509	Soil	16	32	0.55	206	0.069	<1	1.46	0.012	0.10	0.1	0.03	4.7	<0.1	<0.05	4	0.9	<0.2
1023882	Soil	13	25	0.65	179	0.054	2	1.15	0.017	0.07	0.1	0.05	2.8	<0.1	<0.05	3	0.7	<0.2
1023883	Soil	6	20	1.37	360	0.004	1	0.82	0.009	0.09	<0.1	0.06	3.6	0.2	0.11	3	1.2	<0.2
1011252	Soil	12	28	1.02	235	0.053	<1	1.41	0.016	0.05	0.1	0.06	3.8	<0.1	<0.05	4	<0.5	<0.2
1011251	Soil	16	45	1.03	159	0.039	1	2.40	0.011	0.04	<0.1	0.01	6.0	<0.1	<0.05	8	0.5	<0.2
1031657	Soil	9	37	0.52	212	0.065	<1	2.33	0.008	0.05	0.1	0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1031658	Soil	10	31	0.52	158	0.060	1	1.90	0.009	0.05	0.1	0.03	2.7	<0.1	<0.05	5	0.5	<0.2
1031585	Soil	28	57	0.86	219	0.062	1	2.12	0.011	0.04	<0.1	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 09, 2011

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023893	Soil	0.4	116.8	2.7	106	<0.1	26.5	27.5	592	5.77	3.5	0.6	0.7	1.1	37	<0.1	0.1	<0.1	118	0.94	0.228
1023900	Soil	0.8	42.7	6.8	77	0.1	17.2	18.7	617	3.75	5.1	0.4	<0.5	1.9	42	0.1	0.3	<0.1	88	0.60	0.040
1023888	Soil	0.7	27.0	5.9	298	0.1	73.9	28.0	682	4.00	5.4	0.6	1.2	3.0	35	1.1	0.2	<0.1	60	0.46	0.033
1011259	Soil	1.0	8.8	6.8	83	<0.1	18.8	14.5	678	4.23	6.5	0.3	<0.5	2.4	50	<0.1	0.4	0.1	86	0.52	0.058
1011261	Soil	0.8	30.3	9.1	46	0.1	19.8	9.7	493	2.30	8.2	0.8	1.9	1.2	44	0.2	1.1	0.1	49	1.50	0.041
1023890	Soil	0.8	17.6	8.2	57	<0.1	20.2	10.1	271	3.05	8.8	0.5	4.1	3.3	18	0.1	0.5	0.2	72	0.17	0.023
1023889	Soil	0.7	30.5	7.7	346	0.1	75.9	28.9	733	4.18	7.3	0.7	1.1	3.3	37	1.5	0.3	0.1	68	0.45	0.038
1031512	Soil	0.8	12.6	8.3	84	<0.1	20.4	16.0	723	4.02	7.9	0.5	1.0	2.7	39	0.1	0.5	0.1	87	0.51	0.049
1023898	Soil	0.9	45.7	6.7	64	<0.1	23.0	14.0	394	3.39	7.6	0.8	1.0	4.7	28	<0.1	0.4	0.1	70	0.44	0.059
1023899	Soil	2.1	71.4	9.0	114	0.5	46.4	12.5	477	2.87	15.9	1.3	8.8	3.5	59	0.4	0.6	0.1	116	2.13	0.119
1023886	Soil	0.8	18.5	8.9	58	<0.1	15.2	11.2	453	3.21	7.0	0.5	2.8	5.1	27	<0.1	0.5	0.1	50	0.52	0.028
1023885	Soil	1.0	35.8	7.7	38	<0.1	10.5	17.6	384	3.09	2.6	0.5	10.7	2.9	14	<0.1	0.1	<0.1	56	0.52	0.090
1023887	Soil	1.6	52.4	20.8	76	0.1	28.3	21.9	469	4.13	6.7	1.1	13.4	3.3	32	0.1	0.5	0.1	90	0.47	0.059
1023891	Soil	1.0	24.7	7.3	67	<0.1	17.6	12.0	461	3.67	7.1	0.9	2.5	12.8	23	0.1	0.5	0.1	64	0.31	0.059
1023892	Soil	0.8	27.6	7.3	104	<0.1	18.7	16.0	563	4.31	6.0	0.6	2.0	4.4	36	<0.1	0.4	<0.1	90	0.60	0.076
1011260	Soil	1.4	27.6	12.5	54	<0.1	18.4	8.6	403	2.20	8.9	0.6	1.6	1.1	44	0.4	1.4	0.2	50	1.57	0.044
1030933	Soil	0.9	12.6	8.8	66	0.1	16.9	10.9	529	3.08	8.5	0.4	1.2	2.8	28	<0.1	0.4	0.1	75	0.30	0.073
1030931	Soil	0.8	10.5	6.7	75	<0.1	16.6	11.9	535	3.43	9.0	0.3	0.9	1.9	28	<0.1	0.4	0.1	85	0.41	0.102
1030932	Soil	0.7	13.2	7.1	72	<0.1	17.6	12.5	551	3.24	7.3	0.4	1.2	2.4	33	<0.1	0.4	0.1	74	0.47	0.072
1030930	Soil	0.9	20.6	7.3	73	<0.1	23.1	12.8	500	3.27	10.1	0.7	2.0	3.5	31	<0.1	0.5	0.1	88	0.35	0.058
1023879	Soil	0.8	19.5	11.8	54	<0.1	19.2	11.8	506	3.06	9.5	0.8	2.1	2.9	23	0.1	0.8	0.1	78	0.51	0.015
1023878	Soil	0.5	32.5	10.7	52	0.1	22.7	9.1	482	2.48	10.0	0.6	3.4	2.6	41	0.2	1.1	0.1	62	1.40	0.033
1023881	Soil	0.2	41.8	8.0	47	0.2	16.2	5.0	524	1.63	2.2	0.5	1.5	1.6	74	0.2	0.1	<0.1	71	5.13	0.052
1031511	Soil	1.1	32.7	10.7	88	0.1	30.0	14.5	612	3.91	10.9	0.7	2.9	4.1	36	<0.1	0.5	0.1	78	0.67	0.041
1031501	Soil	1.0	40.5	12.4	51	0.2	23.4	10.8	548	2.49	10.8	0.8	3.4	1.3	55	0.2	2.4	0.1	53	1.97	0.050
1023880	Soil	0.4	17.3	9.2	47	0.2	20.8	5.7	364	1.63	4.5	0.6	2.9	1.7	59	0.2	1.5	<0.1	63	5.09	0.043
1023876	Soil	0.7	32.2	12.5	59	0.1	20.9	11.1	668	2.76	7.7	0.7	0.6	2.3	34	0.3	0.8	0.1	65	0.98	0.034
1011262	Soil	0.6	36.0	10.2	57	0.1	22.9	10.1	498	2.42	8.6	0.7	3.9	1.2	49	0.2	0.8	0.1	57	1.59	0.059
1011258	Soil	1.3	39.4	12.3	105	0.2	15.7	20.5	886	5.52	13.9	0.8	0.7	1.5	33	0.1	0.2	<0.1	144	0.72	0.067
1023877	Soil	0.6	32.3	12.6	59	0.2	26.1	11.4	521	2.82	11.4	0.5	3.2	2.6	34	0.1	0.9	0.1	66	0.87	0.036

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023893	Soil	6	54	3.19	311	0.209	<1	3.27	0.028	0.31	<0.1	0.01	7.3	0.2	<0.05	12	0.7	<0.2
1023900	Soil	6	27	1.02	210	0.099	2	2.19	0.015	0.06	<0.1	<0.01	5.5	<0.1	<0.05	7	<0.5	<0.2
1023888	Soil	11	65	2.82	115	0.071	<1	3.18	0.010	0.06	<0.1	0.01	5.2	<0.1	<0.05	7	0.5	<0.2
1011259	Soil	7	37	1.17	265	0.098	<1	2.67	0.009	0.06	<0.1	<0.01	7.7	<0.1	<0.05	9	0.7	<0.2
1011261	Soil	10	26	0.66	450	0.030	<1	1.37	0.015	0.03	0.1	0.05	3.1	<0.1	0.06	4	0.7	<0.2
1023890	Soil	10	30	0.59	209	0.064	<1	1.83	0.009	0.05	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1023889	Soil	13	65	2.70	131	0.070	<1	3.22	0.010	0.07	<0.1	<0.01	6.0	<0.1	<0.05	7	<0.5	<0.2
1031512	Soil	10	44	1.00	311	0.061	<1	2.46	0.010	0.08	<0.1	0.01	6.7	<0.1	<0.05	7	<0.5	<0.2
1023898	Soil	15	36	0.89	149	0.081	<1	1.86	0.014	0.06	0.1	0.02	5.9	<0.1	<0.05	5	<0.5	<0.2
1023899	Soil	16	41	0.92	268	0.075	2	1.51	0.022	0.09	0.2	0.07	4.3	<0.1	<0.05	5	0.6	<0.2
1023886	Soil	16	24	0.44	245	0.074	1	1.72	0.010	0.19	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1023885	Soil	10	12	0.43	59	0.070	<1	1.40	0.006	0.11	0.1	<0.01	3.5	0.1	<0.05	3	<0.5	<0.2
1023887	Soil	8	47	1.27	160	0.127	1	2.05	0.016	0.07	0.1	0.01	4.8	<0.1	<0.05	7	<0.5	<0.2
1023891	Soil	21	30	0.74	256	0.063	<1	2.11	0.009	0.10	0.1	0.01	5.4	<0.1	<0.05	6	<0.5	<0.2
1023892	Soil	14	34	1.13	252	0.143	1	2.39	0.016	0.14	<0.1	0.02	5.8	<0.1	<0.05	9	<0.5	<0.2
1011260	Soil	9	24	0.70	374	0.026	3	1.31	0.013	0.05	0.1	0.05	3.5	<0.1	<0.05	4	<0.5	<0.2
1030933	Soil	7	31	0.60	285	0.049	<1	1.97	0.011	0.07	0.2	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1030931	Soil	6	25	0.81	221	0.067	<1	2.15	0.016	0.09	0.1	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
1030932	Soil	8	25	0.85	240	0.064	<1	1.88	0.014	0.07	<0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1030930	Soil	12	33	0.86	231	0.112	<1	2.40	0.014	0.07	0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1023879	Soil	12	33	0.86	474	0.029	<1	2.19	0.009	0.05	<0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1023878	Soil	12	29	1.29	508	0.045	2	1.62	0.015	0.06	<0.1	0.04	5.0	<0.1	<0.05	5	<0.5	<0.2
1023881	Soil	8	29	6.54	100	0.099	<1	2.37	0.006	0.03	<0.1	0.03	4.7	<0.1	<0.05	8	<0.5	<0.2
1031511	Soil	20	46	1.02	190	0.104	1	2.37	0.012	0.10	<0.1	0.04	7.0	<0.1	<0.05	8	0.6	<0.2
1031501	Soil	11	27	0.87	501	0.032	2	1.30	0.017	0.05	0.1	0.05	3.4	<0.1	<0.05	4	<0.5	<0.2
1023880	Soil	7	27	5.23	228	0.051	4	2.22	0.007	0.04	<0.1	0.07	5.3	<0.1	0.05	7	<0.5	<0.2
1023876	Soil	12	30	0.91	383	0.041	2	1.72	0.016	0.04	<0.1	0.04	4.6	<0.1	<0.05	5	<0.5	<0.2
1011262	Soil	11	28	1.03	468	0.036	2	1.41	0.016	0.04	0.1	0.05	3.2	<0.1	<0.05	4	0.6	<0.2
1011258	Soil	6	29	1.43	214	0.159	1	3.23	0.011	0.10	<0.1	0.01	9.1	<0.1	<0.05	10	<0.5	<0.2
1023877	Soil	13	33	0.79	430	0.049	1	1.57	0.018	0.05	0.2	0.05	4.6	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000433.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1013725	Soil	0.9	31.2	16.9	65	0.2	35.6	11.7	550	2.76	7.3	1.2	4.5	13.7	19	0.1	1.7	0.2	51	0.37	0.050
REP 1013725	QC	0.8	30.1	16.1	66	0.1	34.9	11.5	525	2.68	7.1	1.3	3.2	13.8	19	<0.1	1.5	0.2	51	0.38	0.051
1013711	Soil	0.7	12.4	7.6	72	<0.1	14.7	14.7	1201	3.72	8.4	0.7	<0.5	3.8	21	<0.1	1.3	0.1	76	0.31	0.051
REP 1013711	QC	0.7	12.8	7.9	73	<0.1	14.8	15.0	1192	3.53	8.8	0.8	<0.5	4.1	22	0.1	0.6	0.1	75	0.32	0.055
1031738	Soil	1.2	17.8	17.3	77	<0.1	12.8	8.5	263	3.56	62.4	0.3	2.3	3.1	11	<0.1	0.7	0.2	55	0.10	0.019
REP 1031738	QC	1.0	17.5	16.6	74	<0.1	11.0	8.6	250	3.48	61.6	0.3	3.7	3.2	10	<0.1	0.6	0.1	53	0.10	0.020
1011100	Soil	3.3	40.8	6.3	59	<0.1	16.9	11.1	311	3.54	10.1	0.8	5.0	4.3	24	<0.1	1.0	<0.1	56	0.30	0.033
REP 1011100	QC	2.9	40.0	6.3	58	<0.1	15.2	10.7	284	3.36	9.6	0.8	46.4	4.1	23	<0.1	0.9	<0.1	56	0.30	0.032
1031745	Soil	0.6	22.3	5.5	67	0.2	22.7	14.6	491	3.48	8.2	0.9	11.7	3.8	504	<0.1	0.7	<0.1	51	0.80	0.110
REP 1031745	QC	0.8	22.3	5.5	67	0.1	26.4	14.8	504	3.53	8.4	0.9	14.7	3.9	518	0.1	0.6	<0.1	53	0.82	0.115
1020691	Soil	1.1	94.6	3.8	53	<0.1	22.8	15.7	486	3.96	4.6	0.5	1.0	3.3	23	<0.1	0.3	<0.1	89	0.26	0.041
REP 1020691	QC	1.1	95.8	3.9	53	<0.1	22.0	16.0	486	3.99	4.6	0.5	<0.5	3.4	24	<0.1	0.2	<0.1	89	0.27	0.041
1011493	Soil	1.4	10.5	13.9	94	<0.1	12.4	12.7	956	4.41	9.4	0.3	2.3	2.2	33	<0.1	0.5	0.3	88	0.28	0.078
REP 1011493	QC	1.1	9.9	13.7	93	<0.1	12.4	12.8	954	4.36	9.3	0.3	1.0	2.0	31	<0.1	0.4	0.2	86	0.26	0.075
1011484	Soil	0.7	8.6	10.1	57	<0.1	8.1	7.0	398	2.42	3.5	0.4	1.9	1.9	29	<0.1	0.1	0.2	53	0.54	0.126
REP 1011484	QC	0.5	9.1	10.3	58	<0.1	9.4	7.4	389	2.38	3.8	0.4	<0.5	1.9	28	<0.1	0.1	0.2	53	0.52	0.124
1011467	Soil	0.4	6.5	2.9	122	<0.1	8.9	14.7	990	4.35	3.7	0.3	<0.5	1.2	35	<0.1	0.2	<0.1	98	0.65	0.201
REP 1011467	QC	0.4	5.7	2.7	109	<0.1	8.2	13.0	897	3.89	2.9	0.3	0.7	1.2	36	<0.1	0.2	<0.1	89	0.65	0.195
1011479	Soil	0.8	31.6	7.1	58	0.2	13.8	9.2	539	2.87	5.9	0.7	4.7	3.2	33	<0.1	0.4	<0.1	51	0.89	0.081
REP 1011479	QC	0.8	32.2	6.8	59	0.1	13.9	9.2	526	2.88	6.1	0.7	2.4	3.3	33	0.1	0.4	<0.1	51	0.89	0.085
1011423	Soil	0.9	11.7	6.9	57	<0.1	27.9	10.7	429	2.71	5.4	0.4	1.0	2.1	25	<0.1	0.3	0.1	83	0.32	0.074
REP 1011423	QC	0.8	12.3	7.1	57	<0.1	29.1	10.5	438	2.74	5.5	0.4	0.7	2.1	26	<0.1	0.3	0.1	82	0.32	0.079
1011401	Soil	0.6	27.8	5.7	77	<0.1	17.3	13.3	448	3.14	4.4	0.5	3.4	3.3	19	0.1	0.2	<0.1	71	0.31	0.061
REP 1011401	QC	0.5	27.6	6.0	79	<0.1	17.3	13.1	449	3.10	5.2	0.5	1.9	3.4	20	<0.1	0.2	<0.1	70	0.30	0.060
1031654	Soil	0.5	41.6	16.9	56	0.2	24.1	9.4	362	2.59	10.3	0.4	3.3	2.7	38	0.1	1.0	0.2	59	1.15	0.052
REP 1031654	QC	0.4	39.7	16.7	55	0.2	24.5	9.1	354	2.52	9.8	0.4	2.0	2.6	37	0.1	0.9	0.1	56	1.13	0.052
1011252	Soil	0.9	26.0	8.6	49	0.2	22.7	9.4	395	2.45	9.0	0.4	0.9	2.6	37	0.1	0.5	0.1	50	1.46	0.041
REP 1011252	QC	0.9	27.9	8.5	51	0.2	22.9	9.5	392	2.44	9.0	0.4	3.2	2.6	41	0.2	0.6	0.1	50	1.42	0.042

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Project: PED
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000433.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1013725	Soil	46	50	0.43	367	0.040	2	1.34	0.012	0.11	0.1	0.05	7.6	0.1	0.06	4	<0.5	<0.2
REP 1013725	QC	44	48	0.43	353	0.037	2	1.28	0.010	0.11	0.1	0.06	7.1	0.1	<0.05	4	<0.5	<0.2
1013711	Soil	8	22	0.76	354	0.112	2	1.75	0.009	0.43	<0.1	0.04	4.6	0.2	<0.05	5	<0.5	<0.2
REP 1013711	QC	8	22	0.77	370	0.112	2	1.77	0.010	0.43	<0.1	0.03	4.6	0.1	<0.05	6	<0.5	<0.2
1031738	Soil	6	19	0.48	136	0.015	<1	2.47	0.008	0.03	<0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
REP 1031738	QC	6	20	0.48	134	0.014	1	2.33	0.007	0.04	<0.1	0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1011100	Soil	14	26	0.62	205	0.070	1	1.70	0.014	0.06	0.1	0.03	5.3	<0.1	0.13	5	<0.5	0.2
REP 1011100	QC	14	25	0.61	200	0.070	<1	1.63	0.012	0.06	<0.1	0.04	4.8	<0.1	0.08	5	<0.5	<0.2
1031745	Soil	16	22	0.48	446	0.030	1	1.10	0.015	0.08	0.1	0.07	8.3	<0.1	<0.05	3	<0.5	<0.2
REP 1031745	QC	17	30	0.49	454	0.032	2	1.16	0.015	0.09	0.2	0.06	8.6	<0.1	<0.05	3	<0.5	<0.2
1020691	Soil	7	33	1.63	277	0.176	<1	2.98	0.011	0.61	0.1	0.02	4.0	0.2	<0.05	9	<0.5	<0.2
REP 1020691	QC	7	33	1.63	277	0.180	<1	3.02	0.011	0.63	0.2	<0.01	4.0	0.2	<0.05	9	0.7	<0.2
1011493	Soil	6	24	1.05	206	0.055	2	2.85	0.009	0.06	<0.1	0.02	3.4	0.1	0.08	9	<0.5	<0.2
REP 1011493	QC	6	23	1.01	197	0.051	2	2.68	0.008	0.06	<0.1	0.01	3.3	<0.1	<0.05	9	<0.5	<0.2
1011484	Soil	8	17	0.63	222	0.078	<1	1.58	0.010	0.17	0.1	0.01	2.2	<0.1	<0.05	6	0.8	<0.2
REP 1011484	QC	8	17	0.64	220	0.077	<1	1.55	0.010	0.17	<0.1	<0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
1011467	Soil	5	13	1.59	670	0.308	<1	2.56	0.014	1.18	<0.1	<0.01	2.6	0.2	<0.05	10	<0.5	<0.2
REP 1011467	QC	6	13	1.38	582	0.221	<1	2.30	0.013	1.00	<0.1	<0.01	2.7	0.2	<0.05	9	<0.5	<0.2
1011479	Soil	22	18	0.36	1016	0.020	1	1.42	0.013	0.11	0.1	0.06	4.9	<0.1	<0.05	4	<0.5	<0.2
REP 1011479	QC	22	18	0.37	999	0.021	1	1.50	0.013	0.11	<0.1	0.05	5.0	<0.1	<0.05	5	<0.5	<0.2
1011423	Soil	7	63	0.94	143	0.103	1	1.50	0.010	0.22	0.1	0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
REP 1011423	QC	7	66	1.02	146	0.104	<1	1.50	0.010	0.22	0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1011401	Soil	11	29	0.89	175	0.131	2	1.69	0.015	0.23	0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
REP 1011401	QC	11	29	0.91	183	0.130	2	1.72	0.015	0.22	0.1	0.03	2.2	0.1	<0.05	6	<0.5	<0.2
1031654	Soil	12	29	1.01	318	0.056	2	1.54	0.020	0.05	0.1	0.04	4.5	<0.1	<0.05	5	0.8	<0.2
REP 1031654	QC	12	28	1.03	313	0.048	1	1.49	0.018	0.04	0.1	0.03	4.3	<0.1	<0.05	4	0.6	<0.2
1011252	Soil	12	28	1.02	235	0.053	<1	1.41	0.016	0.05	0.1	0.06	3.8	<0.1	<0.05	4	<0.5	<0.2
REP 1011252	QC	12	28	1.06	234	0.050	2	1.39	0.016	0.05	0.1	0.05	4.2	<0.1	<0.05	4	0.7	<0.2

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Project: PED
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000433.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1023890	Soil	0.8	17.6	8.2	57	<0.1	20.2	10.1	271	3.05	8.8	0.5	4.1	3.3	18	0.1	0.5	0.2	72	0.17	0.023
REP 1023890	QC	1.0	17.9	8.3	57	<0.1	20.3	10.1	270	3.05	9.3	0.4	5.6	3.3	18	0.1	0.5	0.2	70	0.17	0.025
1023877	Soil	0.6	32.3	12.6	59	0.2	26.1	11.4	521	2.82	11.4	0.5	3.2	2.6	34	0.1	0.9	0.1	66	0.87	0.036
REP 1023877	QC	0.6	33.1	12.7	58	0.2	27.2	11.8	530	2.83	11.5	0.6	3.3	2.6	33	0.1	0.9	0.1	66	0.87	0.038
Reference Materials																					
STD DS8	Standard	13.4	115.2	127.5	313	1.9	40.1	7.9	634	2.51	27.4	2.8	187.7	6.8	65	2.3	5.2	6.6	47	0.67	0.081
STD DS8	Standard	14.3	113.7	122.9	307	1.7	38.6	7.7	604	2.43	27.4	2.7	113.0	6.8	63	2.5	5.1	6.4	45	0.67	0.076
STD DS8	Standard	11.6	99.8	119.1	294	1.7	36.0	7.2	594	2.31	24.8	2.6	115.8	5.9	59	2.5	5.1	5.5	39	0.64	0.076
STD DS8	Standard	12.3	96.5	121.3	295	1.7	36.8	7.1	581	2.28	24.8	2.7	103.4	6.2	61	2.1	4.8	5.4	42	0.64	0.077
STD DS8	Standard	13.8	108.0	123.3	306	1.8	37.6	7.6	607	2.40	25.3	2.7	119.3	6.7	67	2.4	5.4	6.3	42	0.67	0.076
STD DS8	Standard	13.3	105.9	118.2	300	1.7	36.9	7.2	597	2.37	24.6	2.6	110.8	6.6	66	2.1	5.5	5.9	41	0.67	0.076
STD DS8	Standard	13.6	101.6	127.5	301	1.9	37.1	7.6	607	2.45	25.2	2.5	123.5	6.1	66	2.3	5.5	6.2	43	0.69	0.080
STD DS8	Standard	13.2	103.9	129.5	309	1.7	37.6	7.7	617	2.50	24.6	2.5	114.3	6.3	63	2.1	5.5	6.4	44	0.69	0.081
STD DS8	Standard	14.8	124.2	127.7	337	1.9	42.3	8.2	659	2.62	28.0	2.9	116.9	6.9	68	2.6	6.0	6.7	47	0.75	0.084
STD DS8	Standard	15.1	119.1	124.3	329	1.8	41.3	8.2	653	2.61	27.4	2.7	112.5	6.7	66	2.5	5.9	6.4	46	0.74	0.082
STD DS8	Standard	12.4	98.9	125.0	298	1.6	34.7	6.8	571	2.33	23.7	2.7	99.5	7.0	70	2.3	5.9	6.6	37	0.62	0.073
STD DS8	Standard	12.9	101.3	120.3	283	1.6	35.9	7.0	555	2.27	23.0	2.8	138.6	6.7	66	1.9	5.6	6.5	39	0.61	0.069
STD DS8	Standard	13.2	109.5	133.6	316	1.8	38.2	7.6	619	2.43	26.4	2.7	111.9	7.1	63	2.7	5.2	6.5	46	0.72	0.085
STD DS8	Standard	12.9	104.1	123.4	306	1.8	36.7	7.4	604	2.38	26.5	2.7	108.3	6.3	62	2.2	5.5	6.2	41	0.67	0.079
STD DS8	Standard	12.5	104.8	115.8	288	1.7	37.1	7.2	575	2.34	24.7	2.4	97.2	6.0	57	2.1	4.7	6.1	39	0.63	0.076
STD DS8	Standard	12.2	104.2	115.3	291	1.7	36.1	7.0	566	2.30	23.7	2.5	113.2	6.2	59	2.0	5.1	6.0	39	0.68	0.072
STD DS8	Standard	12.5	104.1	120.9	300	1.8	35.1	7.0	557	2.26	24.8	2.7	102.2	6.4	53	2.1	4.8	5.3	38	0.62	0.074
STD DS8	Standard	13.0	102.2	122.9	302	1.8	35.4	7.0	557	2.27	25.5	2.7	110.5	6.7	54	2.2	4.6	5.5	38	0.62	0.076
STD DS8	Standard	12.6	114.8	120.6	311	1.9	39.1	7.8	643	2.50	25.7	2.6	111.4	6.3	66	2.2	5.3	6.2	45	0.67	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000433.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1023890	Soil	10	30	0.59	209	0.064	<1	1.83	0.009	0.05	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
REP 1023890	QC	11	30	0.58	211	0.062	<1	1.87	0.008	0.05	<0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1023877	Soil	13	33	0.79	430	0.049	1	1.57	0.018	0.05	0.2	0.05	4.6	<0.1	<0.05	5	<0.5	<0.2
REP 1023877	QC	13	32	0.80	428	0.047	1	1.58	0.021	0.05	0.2	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	126	0.61	272	0.125	2	0.90	0.081	0.40	3.0	0.19	2.2	5.4	0.13	5	5.4	5.2
STD DS8	Standard	14	122	0.62	275	0.122	2	0.88	0.078	0.38	3.0	0.18	2.0	5.2	0.13	5	4.8	4.8
STD DS8	Standard	13	109	0.53	259	0.106	2	0.86	0.072	0.41	2.6	0.22	2.1	5.0	0.20	5	5.1	5.0
STD DS8	Standard	14	109	0.51	264	0.110	2	0.85	0.077	0.40	2.9	0.22	2.3	5.2	0.20	4	5.7	4.5
STD DS8	Standard	15	117	0.59	278	0.115	2	0.87	0.075	0.41	2.9	0.19	2.0	5.3	0.12	5	5.9	4.6
STD DS8	Standard	15	114	0.57	279	0.109	<1	0.87	0.073	0.41	2.8	0.19	2.0	5.1	0.13	5	5.9	5.2
STD DS8	Standard	14	115	0.60	279	0.110	2	0.90	0.085	0.41	3.2	0.21	2.0	5.3	0.16	5	5.1	5.0
STD DS8	Standard	13	115	0.61	277	0.110	2	0.90	0.084	0.42	3.2	0.20	2.0	5.6	0.16	5	5.2	5.0
STD DS8	Standard	16	130	0.63	295	0.134	3	0.98	0.079	0.44	3.1	0.22	2.1	5.4	0.15	5	5.9	5.3
STD DS8	Standard	16	128	0.63	288	0.130	2	0.96	0.080	0.43	3.0	0.20	2.1	5.3	0.15	5	5.1	5.0
STD DS8	Standard	15	109	0.62	274	0.106	2	0.84	0.085	0.39	2.9	0.20	2.0	5.1	0.08	4	4.5	4.4
STD DS8	Standard	15	110	0.61	261	0.114	1	0.85	0.084	0.39	2.8	0.18	1.8	5.0	0.12	4	4.1	4.3
STD DS8	Standard	15	120	0.55	273	0.120	4	0.94	0.094	0.42	2.9	0.21	2.1	5.4	0.19	4	5.8	4.6
STD DS8	Standard	14	116	0.54	266	0.110	3	0.89	0.086	0.41	3.0	0.21	2.1	5.3	0.16	5	5.0	5.3
STD DS8	Standard	14	110	0.59	249	0.104	3	0.86	0.070	0.39	2.7	0.20	1.8	5.2	0.14	4	5.6	4.9
STD DS8	Standard	14	110	0.59	255	0.111	2	0.86	0.068	0.39	2.8	0.18	1.8	5.2	0.15	4	4.7	4.4
STD DS8	Standard	13	109	0.56	262	0.097	2	0.82	0.075	0.39	2.9	0.21	1.8	5.2	0.13	4	5.2	4.8
STD DS8	Standard	13	108	0.58	271	0.097	3	0.84	0.077	0.39	2.9	0.21	1.9	5.2	0.13	4	4.7	5.0
STD DS8	Standard	13	119	0.63	279	0.110	3	0.94	0.105	0.44	2.8	0.20	2.7	5.3	0.14	5	5.3	4.6
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000433.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 09, 2011

QUALITY CONTROL REPORT WHI11000433.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: August 05, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000434.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 262

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	262	Dry at 60C			VAN
SS80	262	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	262	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030935	Soil	0.7	17.5	7.4	61	<0.1	15.4	9.6	341	3.02	4.8	0.3	2.7	2.1	24	<0.1	0.2	<0.1	66	0.33	0.075
1030936	Soil	0.5	19.5	3.8	54	<0.1	19.5	11.6	323	2.53	3.4	0.3	1.5	2.1	21	<0.1	0.3	<0.1	59	0.31	0.030
1030934	Soil	1.3	53.4	11.5	69	0.2	18.3	12.9	566	4.59	14.7	0.7	11.4	3.3	18	<0.1	3.4	0.2	51	0.19	0.039
1023803	Soil	0.5	14.0	5.5	71	<0.1	14.0	11.0	461	3.28	3.4	0.3	1.9	1.5	31	<0.1	0.2	<0.1	71	0.52	0.137
1023801	Soil	0.4	19.2	3.1	58	<0.1	21.7	15.4	389	2.72	2.8	0.2	4.8	1.6	30	<0.1	0.2	<0.1	73	0.50	0.064
1030923	Soil	0.7	13.0	5.8	46	<0.1	15.4	9.1	238	2.66	6.5	0.4	1.2	3.1	15	<0.1	0.4	<0.1	56	0.16	0.035
1030949	Soil	0.3	23.6	2.7	50	<0.1	21.8	15.7	425	2.73	1.4	0.1	<0.5	0.9	36	<0.1	0.1	<0.1	71	0.42	0.055
1030947	Soil	0.4	26.2	3.5	71	<0.1	21.2	12.2	365	2.79	1.8	0.3	<0.5	2.2	17	<0.1	0.1	<0.1	56	0.29	0.046
1030945	Soil	1.4	78.8	6.3	176	0.1	42.6	13.2	989	4.23	3.4	1.1	<0.5	10.1	35	0.2	0.2	<0.1	100	0.49	0.118
1030946	Soil	1.3	38.0	5.5	96	<0.1	32.1	14.9	707	3.55	2.6	0.7	0.7	4.0	34	0.2	0.2	<0.1	98	0.55	0.090
1030928	Soil	0.3	5.5	2.3	100	<0.1	6.5	15.2	758	3.86	2.5	0.3	<0.5	1.4	34	<0.1	0.1	<0.1	78	0.60	0.211
1030929	Soil	0.3	4.0	2.5	90	<0.1	4.4	13.9	838	3.66	2.7	0.2	<0.5	0.8	24	<0.1	0.2	<0.1	81	0.76	0.238
1030927	Soil	0.6	12.7	5.7	93	<0.1	11.5	12.5	665	4.26	5.1	0.5	1.4	2.3	38	<0.1	0.3	<0.1	85	0.65	0.173
1030925	Soil	0.7	9.9	6.3	53	<0.1	13.9	9.8	341	2.75	6.6	0.4	<0.5	2.3	15	<0.1	0.3	0.1	65	0.23	0.070
1030926	Soil	1.0	10.9	9.4	33	<0.1	10.9	6.3	307	2.67	7.6	0.6	1.9	2.6	13	<0.1	0.3	0.2	61	0.13	0.046
1030940	Soil	0.5	7.2	8.2	76	<0.1	5.0	9.5	383	3.55	1.8	0.9	0.6	6.7	28	<0.1	<0.1	<0.1	36	0.50	0.072
1030939	Soil	2.4	31.9	12.4	76	<0.1	22.2	11.8	551	3.40	13.7	0.5	0.9	3.3	21	0.1	0.3	<0.1	51	0.34	0.081
1030937	Soil	18.9	110.9	12.6	94	0.3	56.8	21.8	892	5.61	39.6	0.9	17.1	3.4	21	0.1	2.1	0.1	60	0.36	0.127
1031636	Soil	0.6	35.7	5.6	54	<0.1	17.9	11.0	347	2.87	4.9	0.7	3.0	2.8	24	<0.1	0.3	<0.1	62	0.32	0.029
1031635	Soil	0.8	30.0	6.0	52	<0.1	20.5	11.8	412	2.77	6.9	0.9	2.3	3.3	27	<0.1	0.4	0.1	64	0.29	0.039
1030944	Soil	0.7	18.1	4.8	99	<0.1	17.7	14.1	495	3.47	2.9	0.3	1.0	3.3	28	<0.1	0.2	<0.1	70	0.32	0.036
1030942	Soil	1.3	86.3	8.1	88	<0.1	12.7	13.7	406	4.06	3.2	1.7	0.7	25.7	11	<0.1	0.2	<0.1	61	0.19	0.074
1030943	Soil	0.8	38.4	4.9	129	<0.1	20.1	18.6	674	5.10	3.3	0.6	<0.5	13.7	31	<0.1	0.2	<0.1	69	0.45	0.100
1030941	Soil	1.4	13.4	9.8	85	<0.1	8.2	9.9	481	3.40	3.4	0.9	<0.5	8.0	16	<0.1	0.2	<0.1	46	0.30	0.051
1030938	Soil	0.8	19.8	8.3	56	0.2	12.6	7.9	319	2.90	6.0	0.3	1.4	1.4	28	0.1	0.2	0.1	69	0.39	0.080
1023802	Soil	0.5	58.6	4.5	57	<0.1	17.1	9.9	493	3.01	4.1	0.7	1.5	4.8	21	<0.1	0.3	<0.1	45	0.34	0.068
1030950	Soil	0.4	19.9	3.6	54	<0.1	19.5	11.6	353	2.66	3.1	0.3	0.7	2.1	23	<0.1	0.2	<0.1	64	0.35	0.031
1030948	Soil	0.5	35.5	3.5	59	<0.1	14.7	12.6	403	3.19	2.5	0.4	1.1	1.9	19	<0.1	0.2	<0.1	67	0.30	0.033
1030924	Soil	0.9	18.9	8.1	45	<0.1	24.3	10.9	240	2.70	8.4	0.7	3.9	4.0	15	<0.1	0.5	0.1	59	0.15	0.027
1030922	Soil	0.8	7.3	6.3	57	<0.1	8.1	7.8	422	3.23	5.4	0.3	1.6	1.7	20	<0.1	0.2	<0.1	71	0.19	0.070

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Suite 680-789 West Pender St
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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030935	Soil	7	28	0.82	223	0.046	<1	1.82	0.013	0.06	0.2	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1030936	Soil	6	25	0.80	274	0.123	<1	1.53	0.013	0.24	<0.1	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1030934	Soil	12	28	0.45	775	0.021	<1	1.34	0.007	0.04	<0.1	0.03	5.8	<0.1	<0.05	4	1.2	<0.2
1023803	Soil	5	24	1.00	212	0.036	<1	1.80	0.013	0.07	0.1	0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1023801	Soil	4	22	1.04	353	0.143	<1	1.86	0.014	0.32	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1030923	Soil	8	25	0.52	212	0.036	<1	1.94	0.008	0.04	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1030949	Soil	2	13	0.92	296	0.085	<1	1.79	0.016	0.14	<0.1	<0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1030947	Soil	6	47	0.94	269	0.120	<1	1.94	0.011	0.17	<0.1	<0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1030945	Soil	23	105	1.88	455	0.224	<1	3.00	0.014	1.10	<0.1	0.01	3.9	0.4	<0.05	13	<0.5	<0.2
1030946	Soil	8	43	1.06	283	0.130	<1	2.19	0.011	0.13	0.1	0.02	3.3	<0.1	<0.05	8	<0.5	<0.2
1030928	Soil	4	10	1.30	304	0.132	<1	2.30	0.017	0.34	<0.1	<0.01	2.5	<0.1	<0.05	9	<0.5	<0.2
1030929	Soil	3	9	0.94	213	0.083	<1	1.82	0.032	0.30	<0.1	<0.01	4.3	<0.1	<0.05	8	<0.5	<0.2
1030927	Soil	10	19	0.82	329	0.029	<1	2.14	0.013	0.05	<0.1	0.02	7.8	<0.1	<0.05	9	0.5	<0.2
1030925	Soil	6	24	0.62	188	0.060	<1	2.06	0.011	0.05	0.1	0.02	2.8	0.1	<0.05	7	<0.5	<0.2
1030926	Soil	10	28	0.34	173	0.049	<1	1.57	0.007	0.04	0.1	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
1030940	Soil	13	8	0.37	217	0.077	<1	1.80	0.011	0.24	<0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1030939	Soil	9	27	0.94	208	0.032	<1	2.02	0.009	0.07	<0.1	<0.01	3.1	<0.1	<0.05	7	0.5	<0.2
1030937	Soil	15	31	0.48	643	0.011	<1	1.37	0.007	0.07	0.1	0.04	7.7	<0.1	<0.05	5	2.0	0.4
1031636	Soil	10	28	0.73	355	0.102	<1	1.78	0.012	0.10	0.1	0.04	3.9	<0.1	<0.05	6	<0.5	<0.2
1031635	Soil	13	34	0.74	312	0.106	<1	1.90	0.013	0.07	0.1	0.03	4.6	<0.1	<0.05	6	<0.5	<0.2
1030944	Soil	8	40	0.99	201	0.145	<1	2.31	0.009	0.07	<0.1	<0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1030942	Soil	15	22	0.72	102	0.017	<1	1.96	0.007	0.07	<0.1	<0.01	3.8	<0.1	<0.05	9	<0.5	<0.2
1030943	Soil	17	34	1.63	203	0.230	<1	2.64	0.009	0.29	<0.1	<0.01	2.0	0.1	<0.05	10	<0.5	<0.2
1030941	Soil	9	16	0.67	145	0.109	<1	2.01	0.008	0.09	0.1	<0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1030938	Soil	6	26	0.68	194	0.082	<1	1.88	0.010	0.05	0.1	0.01	3.2	<0.1	<0.05	9	<0.5	<0.2
1023802	Soil	13	24	0.71	277	0.049	<1	1.59	0.009	0.19	<0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1030950	Soil	6	26	0.84	287	0.140	<1	1.59	0.012	0.26	<0.1	<0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1030948	Soil	6	14	0.87	334	0.077	<1	1.93	0.013	0.16	<0.1	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1030924	Soil	10	35	0.54	227	0.055	<1	2.27	0.009	0.04	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1030922	Soil	6	18	0.69	128	0.070	<1	2.10	0.006	0.16	<0.1	0.02	2.8	<0.1	<0.05	9	<0.5	<0.2

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031632	Soil		0.6	27.9	4.9	47	<0.1	20.3	9.8	291	2.28	3.9	0.5	1.7	2.7	23	<0.1	0.3	<0.1	56	0.26	0.019
1031612	Soil		0.4	28.6	3.0	60	<0.1	21.0	14.3	320	2.80	3.0	0.4	1.2	1.9	29	<0.1	0.2	<0.1	68	0.51	0.079
1031619	Soil		0.8	24.7	7.1	46	<0.1	18.8	10.5	310	2.66	7.3	1.0	4.4	3.9	22	<0.1	0.4	0.1	61	0.25	0.023
1031606	Soil		0.6	20.3	5.7	54	<0.1	17.7	9.9	411	2.19	4.9	0.9	2.9	2.7	29	0.1	0.3	0.1	50	0.44	0.053
1031605	Soil		0.7	13.7	5.4	53	<0.1	13.5	7.2	173	2.06	4.3	0.6	1.6	1.8	25	<0.1	0.2	0.1	50	0.35	0.043
1031626	Soil		4.9	77.0	6.0	54	<0.1	25.1	15.7	302	2.97	6.4	0.3	<0.5	1.6	55	<0.1	0.2	<0.1	72	0.25	0.027
1031625	Soil		1.1	20.8	8.9	55	<0.1	22.2	10.6	320	2.76	8.1	0.6	2.4	3.8	17	<0.1	0.4	0.1	69	0.17	0.018
1031615	Soil		0.5	17.7	4.8	54	<0.1	21.5	11.7	269	2.53	3.6	0.4	2.0	2.1	25	<0.1	0.2	<0.1	60	0.34	0.041
1031620	Soil		0.4	49.7	4.6	41	<0.1	19.8	11.2	273	2.43	5.8	0.8	3.9	3.6	39	<0.1	0.2	<0.1	58	0.40	0.038
1031629	Soil		0.3	37.8	1.2	34	<0.1	19.6	13.1	212	1.97	1.6	0.2	1.2	0.9	31	<0.1	<0.1	<0.1	56	0.28	0.056
1031624	Soil		0.7	28.5	6.5	49	<0.1	24.3	12.3	204	2.46	9.6	0.5	1.6	2.7	18	<0.1	0.4	0.1	57	0.24	0.044
1031618	Soil		0.6	19.0	5.8	51	<0.1	20.1	10.8	257	2.60	5.9	0.4	3.3	2.4	19	<0.1	0.3	0.1	58	0.26	0.023
1031623	Soil		0.6	56.2	6.2	50	<0.1	22.0	12.1	336	2.63	7.3	1.1	2.6	2.8	26	<0.1	0.3	0.1	58	0.30	0.040
1031622	Soil		0.7	26.8	5.8	48	<0.1	18.0	10.1	205	2.46	5.9	0.3	2.8	1.6	19	0.1	0.2	0.1	63	0.22	0.061
1031621	Soil		0.7	26.0	4.7	47	<0.1	15.5	10.4	219	2.84	5.7	0.3	2.2	1.6	13	<0.1	0.3	<0.1	67	0.17	0.058
1031610	Soil		0.5	17.5	4.3	65	<0.1	15.7	11.0	404	2.27	4.4	0.5	4.6	1.9	28	0.1	0.2	<0.1	53	0.38	0.062
1031608	Soil		0.4	16.1	2.5	65	<0.1	11.3	12.4	362	3.10	2.4	0.3	2.6	1.5	23	<0.1	0.2	<0.1	57	0.39	0.064
1031609	Soil		0.6	19.9	6.4	60	0.1	16.5	9.3	307	2.28	5.7	0.7	2.2	2.2	26	0.1	0.3	0.1	51	0.37	0.047
1031611	Soil		0.7	21.7	5.6	59	0.1	17.2	9.0	530	2.08	5.0	0.6	2.9	1.9	32	0.2	0.3	<0.1	51	0.50	0.041
1031617	Soil		0.6	18.9	6.9	54	<0.1	20.8	10.7	270	2.61	6.2	0.6	3.3	3.1	22	<0.1	0.4	0.1	59	0.29	0.027
1031634	Soil		0.3	24.8	3.7	41	<0.1	15.5	12.1	232	2.43	3.2	0.3	2.5	1.8	26	<0.1	0.2	<0.1	59	0.25	0.021
1031616	Soil		0.5	19.5	3.5	52	<0.1	24.0	13.5	300	2.40	2.4	0.3	2.7	1.3	25	0.1	0.2	<0.1	61	0.42	0.053
1031633	Soil		1.0	44.5	3.8	51	<0.1	41.5	16.1	361	2.77	3.3	0.3	1.7	2.1	21	<0.1	0.2	<0.1	66	0.27	0.029
1031628	Soil		0.9	33.1	2.9	41	<0.1	14.6	12.1	270	2.42	2.4	0.5	0.9	1.5	66	<0.1	0.2	<0.1	67	0.31	0.033
1031627	Soil		1.1	22.0	7.5	42	<0.1	15.3	9.3	211	2.46	7.1	0.6	0.9	3.0	13	0.1	0.4	0.1	62	0.12	0.025
1031613	Soil		0.7	22.4	6.6	58	<0.1	18.3	11.0	348	2.39	6.1	0.9	1.5	3.2	26	0.1	0.3	0.1	57	0.34	0.038
1031607	Soil		0.7	20.0	5.6	51	<0.1	17.6	9.4	314	2.05	4.9	0.8	3.0	2.7	26	<0.1	0.3	<0.1	49	0.39	0.045
1031614	Soil		0.6	22.2	5.9	54	<0.1	20.1	9.8	265	2.30	5.4	0.7	2.4	3.0	23	<0.1	0.4	0.1	56	0.32	0.040
1031631	Soil		1.7	119.1	5.2	51	<0.1	22.3	15.9	228	3.17	5.1	0.3	1.9	1.9	18	<0.1	0.3	<0.1	81	0.17	0.063
1031630	Soil		0.7	32.4	3.8	49	<0.1	18.6	12.0	243	2.72	3.3	0.3	0.6	1.6	41	<0.1	0.2	<0.1	66	0.18	0.022

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031632	Soil	10	37	0.71	275	0.097	<1	1.57	0.011	0.04	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1031612	Soil	6	24	0.97	265	0.135	<1	1.77	0.022	0.21	<0.1	0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1031619	Soil	13	32	0.58	264	0.072	<1	1.69	0.014	0.05	0.1	0.03	5.4	<0.1	<0.05	5	<0.5	<0.2
1031606	Soil	12	26	0.55	317	0.073	<1	1.39	0.014	0.05	0.1	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1031605	Soil	8	22	0.52	270	0.070	<1	1.41	0.012	0.06	<0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
1031626	Soil	3	34	1.04	172	0.134	1	2.35	0.015	0.07	<0.1	0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1031625	Soil	8	35	0.63	245	0.060	<1	2.18	0.009	0.04	0.2	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
1031615	Soil	7	28	0.91	241	0.121	<1	1.76	0.015	0.10	0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1031620	Soil	11	30	0.67	275	0.103	1	1.70	0.014	0.11	<0.1	0.03	4.9	<0.1	<0.05	5	0.6	<0.2
1031629	Soil	5	18	0.96	340	0.165	2	1.53	0.015	0.52	<0.1	0.01	1.4	0.1	<0.05	4	<0.5	<0.2
1031624	Soil	8	29	0.51	200	0.083	2	1.70	0.008	0.08	0.2	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1031618	Soil	9	28	0.60	304	0.076	1	1.73	0.008	0.05	<0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
1031623	Soil	11	29	0.60	353	0.100	<1	1.72	0.010	0.09	0.1	0.04	4.9	<0.1	<0.05	5	1.0	<0.2
1031622	Soil	6	24	0.54	222	0.112	2	1.69	0.009	0.14	0.1	0.02	1.9	<0.1	<0.05	6	<0.5	<0.2
1031621	Soil	5	24	0.63	157	0.125	1	1.77	0.008	0.15	<0.1	0.02	2.2	<0.1	<0.05	6	0.8	<0.2
1031610	Soil	8	23	0.59	329	0.095	2	1.39	0.011	0.14	<0.1	0.03	2.1	<0.1	<0.05	5	0.5	<0.2
1031608	Soil	4	14	0.63	259	0.111	<1	1.65	0.010	0.29	<0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
1031609	Soil	9	25	0.48	302	0.067	1	1.56	0.010	0.05	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1031611	Soil	9	24	0.44	321	0.071	2	1.36	0.012	0.05	0.2	0.06	2.6	<0.1	<0.05	4	<0.5	<0.2
1031617	Soil	12	31	0.60	291	0.087	1	1.87	0.009	0.04	0.1	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
1031634	Soil	8	24	0.71	188	0.132	<1	1.69	0.011	0.11	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1031616	Soil	5	27	0.95	245	0.142	2	1.74	0.010	0.13	<0.1	0.02	1.6	<0.1	<0.05	5	<0.5	<0.2
1031633	Soil	6	56	1.30	197	0.147	<1	2.16	0.011	0.15	<0.1	0.02	2.9	<0.1	<0.05	5	0.8	<0.2
1031628	Soil	6	22	0.81	392	0.171	<1	1.86	0.016	0.32	<0.1	0.02	2.8	0.1	<0.05	5	0.6	<0.2
1031627	Soil	9	31	0.44	170	0.086	<1	1.92	0.008	0.09	0.1	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2
1031613	Soil	12	29	0.54	323	0.091	<1	1.62	0.013	0.06	0.1	0.04	4.1	<0.1	<0.05	5	0.9	<0.2
1031607	Soil	12	25	0.46	324	0.078	1	1.38	0.011	0.05	0.1	0.05	3.3	<0.1	<0.05	4	0.8	<0.2
1031614	Soil	10	29	0.54	269	0.097	<1	1.44	0.014	0.06	0.1	0.02	3.5	<0.1	<0.05	5	0.7	<0.2
1031631	Soil	6	26	0.70	233	0.150	2	2.49	0.011	0.24	<0.1	0.03	2.8	<0.1	<0.05	7	<0.5	<0.2
1031630	Soil	5	23	0.79	281	0.171	1	2.19	0.011	0.24	<0.1	0.03	1.9	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031541	Soil	0.3	22.5	3.1	50	<0.1	51.6	12.0	250	2.17	2.9	0.4	1.6	1.7	53	<0.1	0.1	<0.1	57	1.16	0.405
1031542	Soil	0.4	25.5	2.9	66	<0.1	54.8	16.9	419	2.77	2.2	0.2	<0.5	1.1	35	<0.1	0.1	<0.1	69	0.50	0.061
1031520	Soil	0.4	13.5	4.8	77	<0.1	9.2	8.9	527	3.05	3.6	0.7	2.6	3.1	27	<0.1	0.2	<0.1	68	0.50	0.114
1031540	Soil	0.4	23.1	3.9	90	<0.1	31.1	17.1	533	3.35	2.0	0.3	<0.5	1.5	31	0.1	0.2	<0.1	75	0.41	0.087
1031539	Soil	0.6	17.5	5.2	54	<0.1	16.7	11.0	204	2.44	4.8	0.2	<0.5	1.4	26	<0.1	0.3	<0.1	67	0.45	0.125
1031532	Soil	0.7	15.8	7.7	71	<0.1	21.1	11.4	691	2.88	2.1	0.5	1.5	2.1	31	0.1	0.2	<0.1	61	0.30	0.046
1031537	Soil	0.4	52.9	4.9	63	<0.1	18.0	13.9	425	3.24	4.4	0.2	<0.5	1.3	24	<0.1	0.2	<0.1	81	0.35	0.043
1031531	Soil	0.8	19.0	10.3	47	<0.1	18.1	8.2	451	2.26	4.3	0.3	<0.5	1.8	64	<0.1	0.2	<0.1	62	4.04	0.039
1031517	Soil	0.5	18.3	5.4	66	<0.1	10.3	6.9	261	2.43	3.2	0.5	2.1	1.4	33	<0.1	0.1	<0.1	63	0.46	0.093
1031519	Soil	0.3	10.9	4.3	106	<0.1	8.0	12.7	628	3.67	2.4	0.3	1.4	1.9	24	<0.1	<0.1	<0.1	85	0.55	0.162
1031533	Soil	0.7	29.1	6.9	56	0.1	29.5	11.5	401	2.89	8.5	0.7	3.7	4.0	25	<0.1	0.5	0.1	65	0.34	0.056
1031534	Soil	4.3	35.2	20.1	55	0.1	7.3	6.6	301	4.12	5.1	3.4	0.6	23.6	36	<0.1	0.2	0.2	13	0.21	0.034
1031536	Soil	0.9	20.0	8.1	67	<0.1	8.9	10.0	324	3.02	3.7	0.9	1.3	9.3	21	<0.1	0.3	<0.1	37	0.29	0.029
1031535	Soil	0.7	34.3	9.3	88	<0.1	12.4	13.8	598	3.80	4.9	0.5	0.8	2.9	17	<0.1	0.3	<0.1	68	0.45	0.060
1031538	Soil	0.9	73.7	2.8	63	<0.1	31.8	17.1	338	3.19	2.8	0.3	0.6	1.3	29	<0.1	0.2	<0.1	90	0.48	0.084
1031530	Soil	1.0	56.0	15.0	84	0.2	29.7	13.2	644	4.31	6.7	0.9	3.3	4.0	48	0.2	0.3	0.2	94	1.57	0.118
1031528	Soil	0.5	13.3	16.1	104	<0.1	16.6	11.4	658	3.99	3.8	1.4	<0.5	4.5	41	<0.1	0.3	0.5	65	0.55	0.143
1031526	Soil	0.2	7.9	2.8	116	<0.1	5.9	15.6	798	4.72	2.0	0.7	2.0	1.8	53	<0.1	0.2	<0.1	85	0.84	0.231
1031546	Soil	0.4	41.1	4.5	62	<0.1	34.1	14.4	400	3.04	5.8	0.5	1.1	2.8	35	<0.1	0.3	<0.1	73	0.79	0.228
1031548	Soil	0.5	31.4	6.5	47	<0.1	25.7	10.5	289	2.63	8.7	0.6	3.2	3.6	24	<0.1	0.6	0.1	60	0.37	0.043
1031547	Soil	0.5	34.0	6.2	46	<0.1	27.7	10.9	306	2.62	8.4	0.6	2.3	3.4	23	<0.1	0.5	0.1	59	0.36	0.046
1031544	Soil	0.6	11.3	6.1	58	<0.1	12.3	8.6	358	2.79	4.9	0.4	1.1	2.6	27	<0.1	0.3	<0.1	63	0.34	0.054
1031525	Soil	0.5	31.8	5.0	56	<0.1	28.1	13.6	405	2.81	5.6	0.4	2.0	2.7	23	<0.1	0.4	<0.1	67	0.38	0.033
1031529	Soil	0.8	12.9	12.7	58	0.1	20.0	9.1	360	2.59	6.4	0.6	1.2	4.0	23	<0.1	0.4	0.2	58	0.25	0.045
1031527	Soil	0.2	7.6	5.1	106	<0.1	7.9	11.3	470	4.19	2.6	0.5	0.6	2.4	53	<0.1	0.3	<0.1	63	0.74	0.158
1031518	Soil	0.5	25.4	4.3	81	<0.1	7.6	8.9	398	3.28	2.8	0.3	1.9	2.2	23	<0.1	0.1	<0.1	75	0.47	0.137
1031522	Soil	0.2	9.1	3.7	101	<0.1	6.6	12.2	824	3.76	1.8	0.8	1.0	2.3	39	<0.1	0.1	<0.1	71	0.90	0.216
1031521	Soil	0.3	7.3	4.3	96	<0.1	5.6	10.6	580	3.88	1.2	0.6	1.4	4.5	39	<0.1	0.1	<0.1	71	0.69	0.159
1031523	Soil	0.5	14.4	6.1	58	<0.1	13.6	9.8	319	2.90	5.1	0.4	1.1	2.9	34	<0.1	0.3	<0.1	63	0.25	0.044
1031524	Soil	0.3	4.1	2.5	84	<0.1	5.6	11.1	653	3.25	1.5	0.2	0.9	1.0	42	<0.1	<0.1	<0.1	63	0.64	0.195

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Project: PED
Report Date: August 05, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031541	Soil	6	101	1.00	279	0.131	<1	1.63	0.012	0.44	<0.1	0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1031542	Soil	3	88	1.56	423	0.217	<1	2.31	0.010	0.52	<0.1	0.02	1.8	0.1	<0.05	7	<0.5	<0.2
1031520	Soil	13	17	0.57	258	0.080	<1	1.61	0.010	0.25	<0.1	0.03	5.2	0.1	<0.05	6	0.6	<0.2
1031540	Soil	4	45	1.23	477	0.240	<1	2.25	0.009	0.53	<0.1	<0.01	2.0	0.1	<0.05	8	<0.5	<0.2
1031539	Soil	4	20	0.78	277	0.142	1	1.75	0.013	0.25	0.1	0.02	1.8	<0.1	<0.05	5	<0.5	<0.2
1031532	Soil	8	41	0.77	247	0.040	<1	2.03	0.008	0.09	<0.1	<0.01	4.4	<0.1	<0.05	8	0.7	<0.2
1031537	Soil	4	26	1.07	170	0.131	1	2.15	0.009	0.05	<0.1	0.01	2.6	<0.1	<0.05	7	0.7	<0.2
1031531	Soil	10	32	2.50	208	0.028	<1	1.61	0.007	0.06	<0.1	0.03	4.0	<0.1	<0.05	5	0.6	<0.2
1031517	Soil	8	20	0.56	266	0.100	<1	1.63	0.010	0.14	<0.1	0.04	2.8	<0.1	<0.05	7	0.5	<0.2
1031519	Soil	9	16	0.89	237	0.151	<1	2.13	0.016	0.39	<0.1	0.02	2.1	0.1	<0.05	8	0.5	<0.2
1031533	Soil	13	42	0.90	203	0.061	2	1.65	0.015	0.06	0.1	0.03	5.6	<0.1	<0.05	6	<0.5	<0.2
1031534	Soil	46	9	0.12	269	0.006	1	0.91	0.032	0.18	<0.1	0.01	2.5	<0.1	0.29	2	0.9	<0.2
1031536	Soil	9	15	0.55	146	0.019	<1	1.76	0.006	0.08	<0.1	<0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
1031535	Soil	6	19	0.80	210	0.110	<1	2.18	0.010	0.07	<0.1	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1031538	Soil	6	15	1.40	415	0.218	<1	2.12	0.016	0.54	<0.1	<0.01	2.0	0.2	<0.05	7	<0.5	<0.2
1031530	Soil	26	45	1.96	226	0.029	1	2.45	0.012	0.06	<0.1	0.05	8.6	<0.1	<0.05	9	1.3	<0.2
1031528	Soil	16	26	1.00	202	0.021	<1	2.22	0.009	0.07	<0.1	<0.01	6.1	<0.1	<0.05	9	<0.5	<0.2
1031526	Soil	12	9	1.28	135	0.064	<1	2.23	0.020	0.04	<0.1	<0.01	5.6	<0.1	<0.05	10	<0.5	<0.2
1031546	Soil	9	54	1.19	350	0.134	1	1.95	0.012	0.50	0.1	0.01	3.1	0.1	<0.05	7	<0.5	<0.2
1031548	Soil	11	33	0.62	224	0.088	2	1.48	0.011	0.17	0.1	0.03	4.3	<0.1	<0.05	4	<0.5	<0.2
1031547	Soil	12	32	0.67	242	0.088	1	1.53	0.011	0.19	0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1031544	Soil	11	21	0.68	183	0.057	<1	1.75	0.012	0.04	<0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1031525	Soil	8	45	1.01	319	0.142	2	1.90	0.013	0.38	<0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1031529	Soil	10	35	0.61	249	0.032	<1	1.80	0.007	0.07	0.1	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1031527	Soil	11	12	1.04	232	0.049	1	2.18	0.011	0.07	0.1	<0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
1031518	Soil	8	19	0.78	224	0.109	<1	1.79	0.012	0.37	<0.1	<0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1031522	Soil	22	11	0.97	299	0.074	<1	1.86	0.031	0.27	<0.1	0.01	5.8	<0.1	<0.05	9	<0.5	<0.2
1031521	Soil	19	10	0.80	263	0.029	<1	2.10	0.012	0.10	<0.1	0.01	4.6	<0.1	<0.05	9	<0.5	<0.2
1031523	Soil	6	23	0.69	147	0.063	<1	2.29	0.007	0.05	<0.1	0.03	2.4	<0.1	<0.05	7	<0.5	<0.2
1031524	Soil	6	10	1.04	156	0.076	<1	1.88	0.013	0.10	<0.1	<0.01	2.5	<0.1	<0.05	7	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011298	Soil		0.8	30.3	13.2	69	<0.1	20.1	9.5	320	2.74	6.7	1.0	2.9	4.4	22	<0.1	0.6	0.2	65	0.30	0.038
1011297	Soil		0.7	31.2	17.5	70	0.5	18.5	9.9	624	2.71	5.3	1.3	5.1	3.0	32	0.1	0.6	0.4	63	0.63	0.067
1031762	Soil		0.6	7.9	4.2	80	<0.1	9.2	9.9	635	3.28	4.4	0.3	<0.5	2.1	31	<0.1	0.2	<0.1	76	0.43	0.119
1031764	Soil		0.6	23.3	7.4	59	0.1	20.3	9.6	402	2.61	7.6	0.9	1.7	3.7	34	<0.1	0.5	0.1	57	0.53	0.061
1031753	Soil		0.7	16.8	6.8	66	<0.1	14.8	9.5	530	3.02	7.0	0.7	2.8	2.9	31	<0.1	0.4	0.1	67	0.36	0.055
1031760	Soil		0.2	15.2	4.4	46	<0.1	6.4	6.0	761	2.27	3.1	0.3	2.5	1.6	77	<0.1	0.2	<0.1	39	8.94	0.092
1031759	Soil		0.5	14.3	4.9	86	<0.1	15.0	12.1	651	3.91	6.8	0.6	2.5	3.0	41	<0.1	0.4	<0.1	83	0.64	0.155
1011445	Soil		2.7	204.9	33.7	209	0.2	27.5	16.8	499	4.41	44.1	0.5	14.6	2.8	23	0.5	0.6	0.1	100	0.32	0.041
1031763	Soil		0.6	12.8	7.6	82	<0.1	12.8	10.8	429	3.92	8.7	0.3	0.6	2.8	26	<0.1	0.5	<0.1	75	0.48	0.126
1031765	Soil		0.7	27.3	6.8	61	<0.1	18.7	10.0	438	2.67	7.0	1.0	3.3	3.9	34	<0.1	0.4	0.1	55	0.50	0.065
1031545	Soil		0.4	40.7	4.5	62	<0.1	33.3	14.7	422	3.15	5.8	0.5	1.4	3.0	36	<0.1	0.3	<0.1	75	0.71	0.210
1031543	Soil		0.5	36.4	5.5	55	<0.1	29.4	13.8	352	2.90	6.4	0.4	3.0	3.1	24	<0.1	0.4	<0.1	66	0.40	0.035
1011446	Soil		0.8	85.2	10.6	117	0.1	13.6	10.6	588	4.02	15.5	0.8	8.6	2.8	32	<0.1	0.4	<0.1	91	0.66	0.128
1011447	Soil		0.8	45.6	5.0	112	<0.1	6.6	8.9	666	3.43	3.6	0.8	3.7	2.6	18	<0.1	0.2	<0.1	92	0.39	0.088
1031761	Soil		0.3	32.8	7.0	60	0.2	15.1	8.2	921	3.39	5.6	0.6	4.0	2.1	59	<0.1	0.3	<0.1	66	5.26	0.106
1011440	Soil		0.9	31.3	8.3	58	<0.1	19.8	9.2	320	2.80	6.5	1.0	5.2	4.2	22	<0.1	0.4	0.2	62	0.33	0.062
1011439	Soil		0.8	21.4	6.9	80	<0.1	23.3	13.8	503	3.78	7.1	0.8	4.2	3.3	27	<0.1	0.4	0.1	88	0.51	0.094
1011437	Soil		0.7	13.1	3.7	98	<0.1	14.3	13.6	831	4.23	4.8	0.7	1.9	2.9	29	0.1	0.5	<0.1	88	0.67	0.153
1011438	Soil		0.8	16.4	8.2	62	0.1	17.4	10.7	479	2.87	7.4	0.9	5.9	3.5	27	<0.1	0.3	0.2	69	0.40	0.054
1011300	Soil		0.7	15.0	7.5	76	<0.1	17.4	11.7	429	3.42	6.2	0.5	2.5	2.9	25	<0.1	0.5	0.1	75	0.47	0.090
1031751	Soil		1.0	30.1	6.8	81	<0.1	12.1	11.5	708	3.18	6.3	0.6	2.1	3.3	18	<0.1	0.2	0.1	73	0.29	0.094
1031752	Soil		0.7	14.4	4.8	88	<0.1	12.2	10.0	650	3.60	4.2	0.7	3.0	1.9	31	<0.1	0.2	<0.1	79	0.67	0.160
1031754	Soil		0.4	4.1	2.3	122	<0.1	8.9	12.1	983	3.44	2.8	0.2	<0.5	0.6	38	<0.1	0.1	<0.1	83	0.92	0.289
1011449	Soil		0.6	12.4	7.2	124	<0.1	9.8	16.1	971	4.79	5.2	0.6	0.7	2.9	29	<0.1	0.2	<0.1	104	0.48	0.176
1011441	Soil		0.5	11.3	6.8	105	0.1	14.8	11.3	942	4.33	2.6	0.5	<0.5	3.9	32	<0.1	0.4	<0.1	86	0.58	0.194
1031756	Soil		0.5	9.4	3.4	94	<0.1	13.3	12.4	744	3.41	4.4	0.2	0.5	1.0	28	<0.1	0.2	<0.1	75	0.62	0.196
1031755	Soil		0.8	16.5	6.4	64	<0.1	18.9	9.6	365	3.17	8.9	0.4	<0.5	3.8	32	<0.1	0.4	0.1	69	0.32	0.032
1011450	Soil		0.7	27.5	4.8	85	<0.1	11.9	11.3	686	3.54	5.1	0.7	<0.5	4.2	31	<0.1	0.2	<0.1	88	0.56	0.082
1031757	Soil		0.6	13.1	6.8	54	<0.1	19.4	8.8	301	2.80	7.6	0.5	2.3	2.8	24	<0.1	0.4	0.1	67	0.33	0.033
1031758	Soil		0.7	12.6	6.9	59	<0.1	17.1	8.9	395	2.92	6.9	0.5	1.6	2.7	28	<0.1	0.3	0.1	66	0.44	0.069

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011298	Soil	20	32	0.54	462	0.053	1	1.81	0.011	0.05	0.1	0.03	5.5	<0.1	<0.05	6	0.8	<0.2
1011297	Soil	20	27	0.57	737	0.050	1	1.83	0.012	0.06	0.1	0.05	4.9	<0.1	<0.05	6	0.5	<0.2
1031762	Soil	6	16	0.95	246	0.155	<1	2.01	0.011	0.44	<0.1	0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1031764	Soil	13	27	0.55	299	0.080	1	1.44	0.018	0.07	0.1	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1031753	Soil	12	25	0.73	273	0.086	<1	1.87	0.013	0.08	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1031760	Soil	17	4	0.32	540	0.005	1	0.48	0.005	0.03	<0.1	0.04	3.4	<0.1	0.11	2	<0.5	<0.2
1031759	Soil	16	23	1.01	346	0.119	1	2.33	0.015	0.24	<0.1	0.01	5.8	<0.1	<0.05	8	0.7	<0.2
1011445	Soil	7	36	0.66	190	0.067	<1	2.13	0.013	0.06	0.1	0.02	6.3	<0.1	<0.05	6	1.2	0.6
1031763	Soil	6	19	0.57	292	0.072	<1	1.84	0.008	0.24	<0.1	<0.01	4.2	0.1	<0.05	7	<0.5	<0.2
1031765	Soil	13	26	0.55	408	0.080	<1	1.41	0.017	0.07	0.2	0.04	4.0	<0.1	<0.05	5	0.6	<0.2
1031545	Soil	10	52	1.24	351	0.146	1	2.03	0.013	0.53	<0.1	<0.01	3.0	0.1	<0.05	7	<0.5	<0.2
1031543	Soil	9	42	0.92	301	0.133	<1	1.84	0.012	0.25	0.1	0.02	3.7	<0.1	<0.05	5	0.7	<0.2
1011446	Soil	11	20	0.72	177	0.027	<1	2.26	0.014	0.04	<0.1	0.34	8.4	<0.1	<0.05	9	<0.5	<0.2
1011447	Soil	13	12	1.08	296	0.215	<1	2.25	0.018	0.61	0.2	<0.01	1.5	0.7	<0.05	8	<0.5	<0.2
1031761	Soil	33	10	0.29	356	0.012	1	0.86	0.006	0.05	<0.1	0.08	7.4	<0.1	0.07	4	0.8	<0.2
1011440	Soil	12	31	0.60	265	0.052	2	1.76	0.010	0.05	0.2	0.03	4.9	<0.1	0.06	6	0.7	<0.2
1011439	Soil	12	38	0.93	294	0.065	1	2.15	0.016	0.04	0.1	0.02	5.4	<0.1	<0.05	8	0.7	<0.2
1011437	Soil	12	17	0.99	412	0.077	1	1.78	0.014	0.12	<0.1	0.02	6.0	<0.1	<0.05	7	<0.5	<0.2
1011438	Soil	12	28	0.52	364	0.059	2	1.73	0.011	0.04	0.1	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1011300	Soil	10	27	0.75	331	0.063	<1	2.15	0.012	0.05	0.1	0.02	4.1	<0.1	<0.05	7	1.2	<0.2
1031751	Soil	12	20	0.73	206	0.129	1	1.87	0.009	0.34	0.1	0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1031752	Soil	8	17	0.95	322	0.169	1	1.86	0.017	0.47	0.1	0.02	3.1	0.2	<0.05	7	0.8	<0.2
1031754	Soil	2	11	1.31	355	0.223	1	2.15	0.015	0.81	<0.1	<0.01	2.1	0.2	<0.05	9	<0.5	<0.2
1011449	Soil	7	15	1.64	177	0.199	1	2.66	0.008	0.40	0.2	<0.01	2.2	0.1	<0.05	10	0.9	<0.2
1011441	Soil	23	16	0.75	412	0.034	2	1.83	0.009	0.13	<0.1	0.02	6.1	<0.1	<0.05	8	1.3	<0.2
1031756	Soil	3	16	1.16	282	0.186	1	2.24	0.014	0.32	<0.1	<0.01	2.2	0.1	<0.05	8	0.6	<0.2
1031755	Soil	10	30	0.75	169	0.109	1	2.09	0.010	0.07	0.1	<0.01	4.0	<0.1	<0.05	7	0.6	<0.2
1011450	Soil	17	16	1.36	287	0.240	<1	2.58	0.022	0.40	0.2	<0.01	1.8	0.2	<0.05	8	<0.5	<0.2
1031757	Soil	10	30	0.57	290	0.080	<1	1.93	0.011	0.05	0.1	<0.01	3.0	<0.1	<0.05	6	0.7	<0.2
1031758	Soil	10	27	0.63	349	0.083	<1	1.74	0.012	0.07	0.1	0.01	3.0	<0.1	<0.05	6	0.9	<0.2

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010179	Soil		1.4	22.9	10.1	65	<0.1	21.2	10.4	366	3.32	8.5	0.7	1.1	2.3	18	<0.1	0.4	0.2	80	0.22	0.063
1010178	Soil		0.9	30.3	8.1	64	<0.1	24.1	10.6	315	2.88	6.8	0.7	2.9	1.9	23	0.1	0.4	0.2	70	0.34	0.069
1010177	Soil		0.9	29.0	7.5	61	<0.1	23.8	10.8	298	2.85	6.8	0.7	1.6	1.8	23	<0.1	0.4	0.2	66	0.28	0.064
1010176	Soil		0.9	30.8	6.8	60	<0.1	24.6	12.6	412	2.89	6.5	0.8	2.6	3.1	26	0.1	0.3	0.2	62	0.35	0.082
1010175	Soil		0.9	29.4	6.5	52	<0.1	23.3	13.1	369	2.88	6.3	0.8	0.8	3.1	27	<0.1	0.3	0.2	66	0.34	0.073
1010183	Soil		1.4	23.5	18.3	65	<0.1	24.1	10.0	375	3.74	10.2	1.3	2.4	7.8	18	0.2	0.4	0.2	78	0.23	0.044
1010184	Soil		0.9	25.4	12.5	58	<0.1	27.1	11.0	303	3.20	8.0	1.8	1.3	8.0	19	<0.1	0.3	0.2	71	0.23	0.044
1010181	Soil		1.2	26.3	12.0	66	<0.1	23.6	11.7	421	3.20	8.2	0.8	2.5	4.8	20	0.2	0.3	0.2	71	0.26	0.051
1010182	Soil		1.1	26.2	10.4	64	<0.1	24.2	11.9	391	3.24	8.1	0.8	2.3	4.8	18	0.1	0.4	0.2	71	0.22	0.048
1010180	Soil		0.8	29.6	8.5	60	<0.1	22.1	10.0	297	3.08	7.6	1.0	1.6	4.2	23	0.1	0.3	0.2	69	0.29	0.075
1011442	Soil		1.0	11.8	8.2	64	<0.1	16.9	13.3	403	3.24	8.0	0.4	0.5	3.3	19	0.1	0.4	0.1	74	0.20	0.055
1011299	Soil		0.9	11.9	8.1	66	<0.1	15.0	11.6	451	3.09	7.0	0.4	2.6	2.4	20	0.1	0.5	0.1	72	0.31	0.076
1011443	Soil		0.7	21.9	4.8	89	<0.1	50.8	13.5	739	3.83	3.5	0.3	<0.5	1.9	29	<0.1	0.2	<0.1	96	0.62	0.149
1011444	Soil		0.6	8.2	7.1	95	<0.1	12.5	12.9	739	4.16	5.8	0.3	<0.5	2.8	28	<0.1	0.3	<0.1	94	0.45	0.154
1011448	Soil		12.0	29.0	27.1	116	0.1	21.7	8.2	531	3.39	51.7	2.1	6.5	4.0	14	0.3	1.2	0.3	56	0.22	0.046
1010168	Soil		1.1	28.7	8.3	60	<0.1	24.0	10.8	433	3.06	7.3	1.4	3.8	5.3	25	<0.1	0.4	0.1	67	0.29	0.046
1010167	Soil		1.2	30.7	3.9	85	<0.1	33.0	22.6	702	4.09	2.6	0.3	1.0	3.4	29	<0.1	0.1	0.2	85	0.47	0.115
1010162	Soil		1.3	22.3	6.5	62	<0.1	21.5	13.6	469	3.34	6.2	0.6	<0.5	3.2	25	<0.1	0.3	3.1	78	0.36	0.069
1010161	Soil		1.0	20.8	7.4	55	<0.1	22.8	11.1	352	3.11	5.8	0.7	1.5	2.7	20	0.2	0.3	0.9	71	0.27	0.062
1010160	Soil		1.6	25.8	8.5	52	<0.1	24.1	11.2	299	2.91	8.9	0.9	3.9	4.7	16	<0.1	0.5	0.2	68	0.19	0.032
1010172	Soil		0.8	24.8	7.2	62	<0.1	23.1	12.7	424	3.03	6.6	0.8	4.9	3.4	20	<0.1	0.4	0.8	68	0.34	0.093
1010171	Soil		1.5	32.8	4.3	62	<0.1	22.2	13.9	457	3.15	4.5	0.9	1.9	5.3	18	0.1	0.2	<0.1	59	0.27	0.070
1010170	Soil		0.8	41.6	4.6	56	<0.1	29.3	14.2	331	2.97	4.9	0.6	1.3	2.9	26	<0.1	0.3	<0.1	63	0.34	0.085
1010169	Soil		0.9	32.5	6.5	59	<0.1	24.6	15.7	506	3.17	6.0	0.5	1.5	4.4	25	0.1	0.4	0.1	66	0.32	0.072
1010152	Soil		0.6	20.2	7.0	58	<0.1	16.9	10.7	306	2.68	6.5	0.8	2.9	4.4	23	0.1	0.4	0.2	55	0.37	0.063
1010163	Soil		0.9	23.3	6.9	58	<0.1	18.1	13.6	374	3.54	7.1	0.6	10.2	2.6	17	<0.1	0.4	0.5	80	0.28	0.071
1010165	Soil		1.1	33.1	6.2	61	<0.1	22.8	12.4	391	3.16	6.5	0.8	2.1	4.0	37	<0.1	0.4	2.0	69	0.38	0.062
1010151	Soil		0.8	18.8	8.6	59	0.1	18.3	12.9	393	2.79	8.3	1.0	4.8	3.5	23	<0.1	0.3	0.2	60	0.38	0.065
1010173	Soil		1.5	26.0	4.7	50	<0.1	15.9	13.8	360	2.56	3.2	0.6	0.7	3.4	26	0.1	0.2	0.1	56	0.36	0.088
1010174	Soil		0.7	26.7	6.4	55	<0.1	21.8	12.0	317	2.92	6.0	0.9	2.8	3.1	22	0.1	0.3	0.1	65	0.29	0.064

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010179	Soil	10	32	0.62	120	0.114	1	1.98	0.010	0.09	0.1	<0.01	3.2	0.1	<0.05	8	<0.5	<0.2
1010178	Soil	13	34	0.64	198	0.101	<1	1.99	0.012	0.11	0.1	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1010177	Soil	12	32	0.65	190	0.097	1	1.99	0.012	0.11	0.1	0.01	3.4	0.1	<0.05	6	<0.5	<0.2
1010176	Soil	13	35	0.70	205	0.091	2	1.82	0.011	0.09	0.1	0.02	3.7	0.2	<0.05	6	<0.5	<0.2
1010175	Soil	15	37	0.72	192	0.108	<1	1.84	0.013	0.10	0.2	0.02	3.6	0.2	<0.05	6	0.6	<0.2
1010183	Soil	13	36	0.55	175	0.098	1	2.42	0.009	0.10	0.2	0.01	3.7	0.2	<0.05	8	0.6	<0.2
1010184	Soil	13	41	0.59	208	0.089	1	2.58	0.010	0.07	0.2	0.02	4.4	0.1	<0.05	7	0.9	<0.2
1010181	Soil	13	37	0.67	185	0.109	2	2.37	0.010	0.10	0.3	0.02	4.5	0.2	<0.05	7	<0.5	<0.2
1010182	Soil	12	37	0.61	176	0.096	<1	2.57	0.010	0.08	0.2	0.01	4.2	0.2	<0.05	7	0.8	<0.2
1010180	Soil	14	38	0.65	204	0.104	1	2.29	0.011	0.10	0.1	0.03	4.7	0.1	<0.05	7	<0.5	<0.2
1011442	Soil	8	30	0.75	165	0.101	<1	2.29	0.011	0.10	0.1	0.02	2.9	<0.1	<0.05	7	0.6	<0.2
1011299	Soil	9	26	0.55	191	0.057	1	1.76	0.011	0.05	<0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1011443	Soil	5	92	1.56	194	0.202	<1	2.66	0.018	0.28	<0.1	0.01	2.7	0.1	<0.05	9	0.6	<0.2
1011444	Soil	6	19	1.14	172	0.114	2	2.58	0.014	0.13	<0.1	0.01	4.4	<0.1	<0.05	10	<0.5	<0.2
1011448	Soil	11	25	0.29	361	0.026	<1	1.46	0.006	0.08	0.1	0.03	4.0	0.1	<0.05	4	<0.5	<0.2
1010168	Soil	22	36	0.69	184	0.101	2	2.19	0.010	0.11	0.2	0.03	4.1	0.1	<0.05	6	0.6	<0.2
1010167	Soil	9	97	1.78	273	0.258	<1	2.75	0.013	0.70	0.3	<0.01	2.9	0.4	<0.05	8	<0.5	<0.2
1010162	Soil	12	34	0.99	315	0.137	1	2.07	0.014	0.20	0.4	0.03	5.0	0.4	<0.05	6	<0.5	<0.2
1010161	Soil	12	33	0.82	212	0.116	2	2.03	0.011	0.13	0.5	0.02	3.4	0.3	<0.05	6	<0.5	<0.2
1010160	Soil	14	36	0.54	140	0.104	1	2.12	0.013	0.07	0.1	0.03	4.0	0.1	<0.05	6	0.6	<0.2
1010172	Soil	11	38	0.87	223	0.118	1	1.80	0.011	0.19	0.8	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1010171	Soil	10	34	0.88	135	0.120	1	2.07	0.012	0.25	0.3	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1010170	Soil	9	55	0.90	135	0.131	2	1.94	0.013	0.20	0.1	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
1010169	Soil	11	42	0.85	158	0.106	1	2.03	0.012	0.12	0.4	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1010152	Soil	14	29	0.71	181	0.102	1	1.52	0.013	0.14	0.2	0.02	3.3	0.2	<0.05	5	<0.5	<0.2
1010163	Soil	9	31	0.93	204	0.112	2	2.35	0.013	0.14	0.5	0.03	4.2	0.3	<0.05	7	<0.5	<0.2
1010165	Soil	15	39	0.92	273	0.124	<1	2.01	0.015	0.19	1.4	0.04	5.1	0.3	<0.05	6	<0.5	<0.2
1010151	Soil	12	32	0.69	217	0.084	2	1.91	0.011	0.12	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1010173	Soil	11	29	0.70	129	0.114	<1	1.64	0.018	0.20	0.6	0.02	2.2	0.2	<0.05	5	<0.5	<0.2
1010174	Soil	14	37	0.70	159	0.105	1	2.15	0.012	0.11	0.3	0.03	3.1	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028618	Soil	0.8	10.6	8.7	38	<0.1	13.9	7.2	178	2.36	5.7	0.4	1.1	2.4	15	<0.1	0.3	0.2	61	0.16	0.018
1028619	Soil	0.4	13.8	3.4	84	<0.1	16.0	19.1	608	4.07	2.9	0.3	1.1	3.3	15	<0.1	0.2	<0.1	74	0.16	0.016
1028620	Soil	0.3	19.8	2.5	79	<0.1	26.5	19.4	649	4.08	2.1	0.2	<0.5	3.4	16	<0.1	0.1	<0.1	69	0.22	0.026
1028621	Soil	0.3	18.8	2.4	75	<0.1	28.4	19.7	613	4.04	2.5	0.2	<0.5	3.2	15	<0.1	0.1	<0.1	68	0.20	0.024
1028622	Soil	0.4	12.1	3.9	61	<0.1	16.2	13.1	402	3.08	4.5	0.3	1.1	3.7	20	<0.1	0.3	<0.1	59	0.26	0.040
1010154	Soil	1.0	15.3	8.2	50	<0.1	17.4	8.7	290	2.58	7.7	0.8	1.7	4.4	22	0.1	0.4	0.2	56	0.20	0.048
1010153	Soil	1.1	27.8	5.6	85	<0.1	22.6	18.9	633	3.50	3.7	0.8	1.2	7.4	31	0.1	0.3	1.3	69	0.49	0.088
1010164	Soil	0.7	24.3	6.8	56	<0.1	20.4	11.4	305	2.87	6.9	0.7	4.6	2.4	24	<0.1	0.4	0.2	64	0.32	0.068
1010166	Soil	0.7	19.5	5.4	53	<0.1	18.3	11.6	357	2.68	4.1	0.6	1.3	4.4	40	<0.1	0.2	1.1	57	0.34	0.054
1028617	Soil	1.2	7.7	11.6	46	<0.1	6.7	4.8	333	1.83	4.0	0.4	1.4	1.5	16	0.2	0.2	0.2	55	0.18	0.038
1010159	Soil	0.6	27.6	5.0	69	<0.1	23.5	15.3	518	3.10	5.0	0.5	1.9	3.9	29	0.1	0.3	0.3	58	0.45	0.094
1010158	Soil	0.9	25.5	6.2	64	<0.1	20.7	16.0	445	3.38	7.3	0.4	1.3	3.3	18	0.1	0.3	0.3	66	0.29	0.074
1010157	Soil	1.0	21.3	7.3	67	<0.1	19.5	12.3	401	2.96	5.5	0.6	2.2	4.6	21	0.1	0.4	1.3	60	0.30	0.075
1010155	Soil	1.0	26.0	7.1	63	<0.1	21.1	15.6	420	3.42	6.4	0.7	1.5	4.9	42	0.1	0.4	0.2	74	0.23	0.056
1010156	Soil	1.4	14.6	8.3	81	<0.1	15.8	13.2	486	3.92	6.6	0.4	2.3	5.3	16	0.1	0.4	0.2	79	0.19	0.055
1028633	Soil	0.3	11.4	1.9	76	<0.1	6.1	4.0	496	3.34	2.1	1.1	2.0	11.3	9	<0.1	0.2	<0.1	17	0.11	0.016
1028634	Soil	0.4	26.6	3.9	67	<0.1	18.7	12.5	396	3.54	4.6	0.5	1.0	5.8	16	<0.1	0.2	<0.1	73	0.25	0.033
1028635	Soil	0.4	14.9	4.0	65	<0.1	20.6	15.0	473	3.40	5.3	0.5	<0.5	4.7	23	<0.1	0.2	<0.1	84	0.39	0.033
1028637	Soil	0.6	8.5	5.0	82	<0.1	14.0	15.5	462	3.53	4.5	0.2	1.3	1.6	23	0.1	0.3	<0.1	90	0.40	0.067
1028636	Soil	0.5	10.1	5.1	125	<0.1	61.3	21.4	718	3.96	2.6	0.5	<0.5	4.0	28	0.1	0.2	<0.1	85	0.52	0.075
1028628	Soil	0.7	11.6	3.5	69	<0.1	20.0	13.3	454	3.90	2.8	0.5	<0.5	5.0	46	<0.1	0.1	<0.1	53	0.46	0.058
1028629	Soil	0.5	8.1	4.0	114	<0.1	12.4	12.4	566	3.52	3.1	0.6	0.9	8.3	55	<0.1	0.2	<0.1	50	0.30	0.037
1028630	Soil	0.4	16.3	4.7	118	<0.1	29.6	20.3	707	4.11	2.3	0.2	<0.5	1.4	47	<0.1	0.1	<0.1	70	0.41	0.076
1028631	Soil	0.6	17.9	6.9	98	<0.1	22.1	16.5	734	4.06	6.5	0.6	<0.5	4.9	38	0.2	0.3	0.1	56	0.43	0.066
1028632	Soil	0.7	8.1	4.3	123	<0.1	11.5	8.3	847	3.67	3.7	0.6	1.5	5.4	19	0.1	0.2	<0.1	39	0.27	0.030
1028623	Soil	0.5	16.3	4.6	85	<0.1	13.9	15.6	666	3.88	3.3	0.5	1.7	5.5	14	<0.1	0.2	<0.1	66	0.17	0.044
1028624	Soil	0.3	17.4	3.0	67	<0.1	16.5	14.8	536	3.46	3.0	0.6	1.7	6.0	28	<0.1	0.2	<0.1	56	0.42	0.053
1028625	Soil	0.5	17.6	3.4	68	<0.1	19.1	15.8	569	3.49	3.5	0.5	1.0	5.4	26	<0.1	0.2	<0.1	61	0.40	0.063
1028626	Soil	0.5	12.8	3.9	58	<0.1	18.1	11.6	404	3.15	4.3	0.5	2.0	4.0	24	<0.1	0.2	<0.1	55	0.28	0.033
1028627	Soil	0.6	16.0	4.3	60	<0.1	21.1	15.5	446	3.38	5.5	0.4	1.5	3.5	19	<0.1	0.3	<0.1	65	0.24	0.052

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028618	Soil	8	32	0.48	184	0.087	1	1.80	0.008	0.05	0.1	0.01	1.9	0.1	<0.05	7	<0.5	<0.2
1028619	Soil	7	30	1.63	262	0.291	<1	2.95	0.009	0.75	<0.1	0.01	1.2	0.3	<0.05	7	<0.5	<0.2
1028620	Soil	7	61	1.63	276	0.296	<1	2.96	0.010	0.76	<0.1	<0.01	1.2	0.3	<0.05	8	<0.5	<0.2
1028621	Soil	6	67	1.63	258	0.288	<1	3.01	0.011	0.74	<0.1	<0.01	1.2	0.3	<0.05	7	<0.5	<0.2
1028622	Soil	11	24	0.94	385	0.185	<1	1.91	0.010	0.43	0.1	0.01	1.8	0.2	<0.05	5	<0.5	<0.2
1010154	Soil	14	33	0.57	108	0.079	2	1.95	0.009	0.10	0.2	0.04	2.3	0.2	<0.05	6	<0.5	<0.2
1010153	Soil	22	46	1.33	215	0.201	1	1.96	0.016	0.61	0.9	0.01	3.1	0.6	<0.05	6	<0.5	<0.2
1010164	Soil	12	33	0.77	270	0.089	1	1.97	0.012	0.11	0.2	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1010166	Soil	14	35	0.90	160	0.127	1	1.70	0.014	0.20	0.6	0.01	3.2	0.3	<0.05	5	<0.5	<0.2
1028617	Soil	8	18	0.27	117	0.053	1	1.00	0.007	0.06	<0.1	0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1010159	Soil	11	36	1.00	186	0.145	1	1.72	0.015	0.40	0.5	0.02	2.7	0.3	<0.05	5	<0.5	<0.2
1010158	Soil	7	36	1.00	181	0.145	1	2.30	0.011	0.37	0.6	0.03	2.4	0.3	<0.05	6	<0.5	<0.2
1010157	Soil	14	29	0.79	155	0.126	1	1.81	0.010	0.20	0.8	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1010155	Soil	10	39	0.99	175	0.146	1	2.22	0.010	0.32	0.3	0.02	2.7	0.4	<0.05	7	<0.5	<0.2
1010156	Soil	6	34	1.00	100	0.158	1	2.06	0.010	0.19	0.1	0.02	1.9	0.2	<0.05	8	<0.5	<0.2
1028633	Soil	56	9	1.05	105	0.071	<1	1.78	0.008	0.35	<0.1	0.01	14.9	<0.1	<0.05	11	<0.5	<0.2
1028634	Soil	7	40	1.28	172	0.119	<1	2.21	0.013	0.25	<0.1	<0.01	4.6	<0.1	<0.05	9	<0.5	<0.2
1028635	Soil	8	39	1.30	337	0.190	<1	2.17	0.016	0.34	<0.1	<0.01	3.5	0.1	<0.05	8	<0.5	<0.2
1028637	Soil	5	23	0.86	317	0.128	1	1.96	0.016	0.25	<0.1	0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1028636	Soil	8	156	1.66	217	0.139	<1	2.56	0.021	0.12	<0.1	0.01	4.5	<0.1	<0.05	9	<0.5	<0.2
1028628	Soil	13	52	1.12	288	0.107	<1	2.41	0.016	0.31	<0.1	<0.01	3.6	0.1	<0.05	8	<0.5	<0.2
1028629	Soil	28	23	0.96	170	0.129	<1	2.41	0.009	0.70	<0.1	<0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1028630	Soil	4	43	1.65	333	0.227	1	2.71	0.012	0.57	0.1	<0.01	1.8	0.2	<0.05	7	<0.5	<0.2
1028631	Soil	9	46	0.94	220	0.057	1	2.09	0.008	0.12	0.1	0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
1028632	Soil	16	19	1.04	284	0.078	1	2.15	0.009	0.13	<0.1	0.01	9.7	<0.1	<0.05	11	<0.5	<0.2
1028623	Soil	12	25	1.15	292	0.226	<1	2.33	0.010	0.81	<0.1	<0.01	2.4	0.2	<0.05	7	<0.5	<0.2
1028624	Soil	14	38	1.26	394	0.207	1	2.19	0.010	0.54	<0.1	<0.01	2.8	0.2	<0.05	7	0.6	<0.2
1028625	Soil	13	47	1.37	438	0.214	2	2.26	0.014	0.69	<0.1	<0.01	2.7	0.2	<0.05	7	0.7	<0.2
1028626	Soil	13	37	1.01	314	0.180	1	1.88	0.010	0.43	<0.1	<0.01	2.3	0.2	<0.05	6	<0.5	<0.2
1028627	Soil	9	48	1.19	319	0.161	1	2.25	0.012	0.53	0.1	0.01	2.2	0.2	<0.05	6	0.7	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028611	Soil		0.3	26.6	3.9	67	<0.1	18.5	17.0	421	3.37	4.6	0.3	1.7	2.8	25	<0.1	0.2	<0.1	79	0.38	0.040
1028612	Soil		0.5	19.0	5.1	38	<0.1	16.7	7.7	195	2.17	6.6	0.6	0.6	3.1	25	<0.1	0.5	0.1	52	0.29	0.034
1011293	Soil		0.7	22.3	12.5	73	<0.1	29.0	12.5	513	3.54	8.4	1.4	1.7	18.4	22	<0.1	0.4	0.1	63	0.21	0.031
1011296	Soil		1.0	17.4	8.4	52	<0.1	19.8	10.6	290	2.96	10.5	0.6	1.8	13.8	13	<0.1	0.5	0.1	61	0.14	0.021
1011292	Soil		0.9	19.3	7.6	63	<0.1	19.1	10.6	315	3.09	8.1	1.4	0.5	16.1	19	0.1	0.4	0.1	69	0.24	0.041
1028606	Soil		0.4	110.6	2.5	64	<0.1	16.9	19.1	452	3.49	2.4	0.1	0.9	1.7	30	<0.1	<0.1	<0.1	85	0.49	0.086
1028607	Soil		0.3	100.5	2.5	60	<0.1	16.0	18.4	426	3.26	3.1	0.1	1.1	1.8	29	<0.1	0.1	<0.1	84	0.46	0.078
1028608	Soil		0.5	22.5	5.0	107	<0.1	17.6	16.8	1242	3.20	5.5	0.2	1.9	1.8	33	0.2	0.3	0.1	67	0.49	0.161
1028609	Soil		0.5	15.1	9.7	117	<0.1	19.1	14.8	517	3.26	7.1	0.3	2.2	2.4	15	0.1	0.3	<0.1	71	0.24	0.055
1028610	Soil		0.7	23.9	6.0	67	<0.1	29.2	13.5	497	3.41	8.3	0.4	0.9	3.4	21	<0.1	0.4	0.1	80	0.29	0.044
1028601	Soil		0.5	14.4	6.1	79	<0.1	17.3	12.4	357	3.05	5.7	0.3	<0.5	3.4	20	<0.1	0.3	<0.1	69	0.41	0.093
1028602	Soil		0.4	8.2	6.5	78	<0.1	9.9	18.1	772	5.43	3.8	0.8	0.6	6.2	22	<0.1	0.1	<0.1	95	0.55	0.160
1028604	Soil		0.3	33.7	4.4	126	<0.1	13.1	21.1	1043	4.83	3.5	0.4	1.1	5.7	23	0.1	0.2	<0.1	96	0.49	0.103
1028603	Soil		0.4	44.3	5.7	83	<0.1	25.2	20.6	681	3.91	6.7	0.4	4.1	3.2	31	<0.1	0.3	<0.1	72	0.58	0.072
1028605	Soil		0.5	58.5	6.0	74	<0.1	17.9	13.8	417	3.21	7.1	0.3	1.4	2.3	17	<0.1	0.3	<0.1	73	0.36	0.130
1020588	Soil		1.0	26.7	8.2	70	<0.1	16.6	9.7	375	2.80	6.6	0.7	3.7	2.2	16	0.1	0.3	0.2	61	0.20	0.053
1020599	Soil		0.8	28.7	8.4	66	<0.1	21.3	14.0	420	3.24	6.6	0.6	5.2	3.6	17	0.1	0.3	0.1	77	0.23	0.043
1020595	Soil		0.5	26.2	5.1	80	<0.1	20.0	14.1	522	3.78	4.1	0.6	1.2	5.5	22	<0.1	0.3	<0.1	79	0.34	0.071
1020596	Soil		0.6	25.4	4.7	85	<0.1	18.9	15.8	588	4.13	3.5	0.7	1.9	6.8	23	0.1	0.2	<0.1	81	0.40	0.079
1020587	Soil		0.9	29.4	10.3	80	0.2	19.7	10.1	390	2.91	5.4	0.8	4.6	2.7	18	<0.1	0.3	0.1	59	0.24	0.058
1011291	Soil		3.3	83.2	39.1	166	<0.1	34.4	37.2	945	8.16	2.1	5.7	8.2	22.1	10	<0.1	0.5	<0.1	107	0.13	0.048
1011284	Soil		0.5	22.3	11.4	108	<0.1	10.8	15.6	714	4.29	1.6	3.6	<0.5	31.9	40	<0.1	0.2	<0.1	47	0.59	0.147
1011283	Soil		0.4	25.4	6.1	218	<0.1	10.0	22.9	1426	6.93	<0.5	2.7	0.6	3.7	43	0.1	<0.1	<0.1	93	1.03	0.306
1020589	Soil		0.7	29.1	7.5	66	0.1	21.3	10.6	357	2.91	6.3	0.8	2.9	3.1	21	0.1	0.4	0.1	57	0.27	0.053
1020600	Soil		0.9	27.5	10.2	67	<0.1	23.4	13.7	368	3.62	7.9	0.6	4.0	3.7	17	<0.1	0.4	0.1	82	0.23	0.034
1011290	Soil		0.8	25.8	8.0	69	<0.1	28.9	14.1	426	3.42	7.7	1.4	2.6	15.5	18	<0.1	0.4	0.1	59	0.21	0.034
1020598	Soil		0.6	19.2	8.1	50	<0.1	16.9	8.4	276	2.72	5.7	0.5	3.7	3.9	14	<0.1	0.4	0.1	60	0.19	0.037
1020597	Soil		0.7	27.2	6.1	52	<0.1	20.3	10.9	373	3.01	6.0	0.6	2.8	4.1	18	<0.1	0.3	0.1	67	0.30	0.068
1011295	Soil		1.0	22.6	7.6	58	<0.1	17.6	13.2	368	3.62	8.1	0.4	1.2	3.7	13	0.1	0.4	0.1	96	0.23	0.035
1011285	Soil		0.6	22.8	8.0	87	<0.1	9.9	17.5	677	4.47	3.5	4.2	3.5	35.2	17	<0.1	0.2	<0.1	58	0.24	0.092

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028611	Soil	16	26	1.52	346	0.211	1	2.16	0.013	0.42	0.1	<0.01	2.2	0.1	<0.05	6	0.9	<0.2
1028612	Soil	13	26	0.45	248	0.074	1	1.09	0.017	0.05	<0.1	0.02	3.6	<0.1	<0.05	3	0.6	<0.2
1011293	Soil	12	39	0.91	217	0.094	<1	2.57	0.011	0.10	0.1	<0.01	2.6	<0.1	<0.05	8	0.7	<0.2
1011296	Soil	9	33	0.47	212	0.070	1	2.12	0.009	0.09	0.1	<0.01	3.0	<0.1	<0.05	6	0.7	<0.2
1011292	Soil	31	33	0.58	200	0.082	1	2.11	0.016	0.07	0.1	<0.01	2.8	<0.1	<0.05	7	0.7	<0.2
1028606	Soil	3	28	1.92	357	0.240	1	2.52	0.016	0.76	<0.1	<0.01	1.4	0.2	<0.05	6	0.7	<0.2
1028607	Soil	2	29	1.72	299	0.235	<1	2.31	0.016	0.69	<0.1	<0.01	1.6	0.2	<0.05	6	<0.5	<0.2
1028608	Soil	4	29	1.21	442	0.128	2	2.01	0.011	0.36	<0.1	<0.01	2.1	0.1	<0.05	5	<0.5	<0.2
1028609	Soil	5	25	1.24	244	0.162	<1	2.09	0.010	0.28	0.1	0.01	1.8	0.2	<0.05	5	0.7	<0.2
1028610	Soil	8	39	1.11	302	0.172	<1	2.06	0.011	0.44	0.1	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1028601	Soil	7	21	0.81	214	0.155	<1	1.86	0.016	0.41	<0.1	<0.01	2.2	0.2	<0.05	5	0.6	<0.2
1028602	Soil	7	16	1.56	382	0.202	<1	2.49	0.010	0.63	<0.1	<0.01	2.9	0.1	<0.05	12	<0.5	<0.2
1028604	Soil	4	25	2.23	247	0.216	<1	2.93	0.010	0.60	<0.1	<0.01	2.3	0.2	<0.05	10	<0.5	<0.2
1028603	Soil	12	31	1.66	223	0.153	1	2.43	0.014	0.04	<0.1	0.02	4.1	<0.1	<0.05	7	0.6	<0.2
1028605	Soil	6	27	1.09	226	0.112	1	1.97	0.012	0.23	<0.1	<0.01	3.4	<0.1	<0.05	6	0.8	<0.2
1020588	Soil	12	28	0.54	168	0.084	1	1.61	0.009	0.11	0.2	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1020599	Soil	10	33	0.75	211	0.147	<1	2.33	0.011	0.15	0.1	0.02	3.4	0.1	<0.05	6	0.6	<0.2
1020595	Soil	13	27	1.10	235	0.229	<1	2.59	0.016	0.45	<0.1	<0.01	3.5	0.2	<0.05	8	<0.5	<0.2
1020596	Soil	15	26	1.25	275	0.260	1	2.78	0.018	0.59	<0.1	<0.01	3.6	0.2	<0.05	9	<0.5	<0.2
1020587	Soil	12	31	0.59	183	0.096	<1	1.72	0.011	0.15	0.1	0.04	3.3	0.1	<0.05	6	0.6	<0.2
1011291	Soil	51	32	1.12	376	0.013	<1	2.75	0.005	0.13	0.2	0.01	24.6	<0.1	<0.05	7	0.9	<0.2
1011284	Soil	48	16	0.75	221	0.087	<1	2.06	0.009	0.10	<0.1	<0.01	2.4	<0.1	<0.05	9	0.5	<0.2
1011283	Soil	13	16	1.43	331	0.123	<1	2.87	0.011	0.08	<0.1	<0.01	5.8	<0.1	<0.05	13	<0.5	<0.2
1020589	Soil	14	29	0.56	229	0.098	<1	1.64	0.010	0.13	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1020600	Soil	10	34	0.85	247	0.160	1	2.69	0.024	0.14	0.1	0.01	3.9	0.1	<0.05	7	0.8	<0.2
1011290	Soil	27	29	0.78	322	0.068	<1	2.11	0.012	0.11	0.1	0.01	5.1	<0.1	<0.05	7	0.7	<0.2
1020598	Soil	11	26	0.49	153	0.090	<1	1.72	0.009	0.06	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1020597	Soil	14	32	0.56	231	0.100	<1	1.71	0.011	0.10	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1011295	Soil	6	27	0.74	148	0.141	<1	2.37	0.016	0.09	<0.1	0.01	3.2	<0.1	<0.05	7	0.6	<0.2
1011285	Soil	56	19	0.68	126	0.032	<1	2.23	0.008	0.34	<0.1	<0.01	3.3	<0.1	<0.05	11	<0.5	<0.2

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1020593	Soil		0.8	35.3	7.5	121	<0.1	17.6	15.4	529	4.27	5.4	0.6	2.8	3.0	16	0.2	0.3	0.2	86	0.24	0.053
1020590	Soil		0.8	35.2	7.0	87	<0.1	13.8	11.8	410	4.01	4.4	0.6	<0.5	3.3	19	<0.1	0.2	0.2	79	0.27	0.047
1011281	Soil		0.3	21.0	5.7	141	<0.1	6.7	21.3	751	6.13	1.4	0.8	1.8	1.2	31	<0.1	<0.1	<0.1	78	0.83	0.258
1011282	Soil		0.6	108.5	3.3	96	<0.1	12.3	18.6	466	7.00	2.1	1.4	2.0	3.0	80	<0.1	<0.1	<0.1	130	0.75	0.172
1011280	Soil		0.8	37.0	7.9	71	<0.1	20.9	17.6	521	4.05	7.8	1.2	1.4	3.9	24	<0.1	0.4	0.1	90	0.37	0.054
1020584	Soil		1.2	30.1	6.4	82	0.1	20.5	10.6	514	3.62	6.2	0.7	24.5	2.5	18	0.2	0.3	0.1	68	0.26	0.063
1020583	Soil		1.1	27.2	6.8	58	<0.1	24.2	13.6	401	3.47	7.9	0.8	4.3	3.4	18	0.2	0.3	0.2	66	0.23	0.054
1020585	Soil		0.8	16.7	6.5	54	<0.1	15.9	8.5	309	3.04	5.6	0.5	0.6	1.6	15	0.2	0.4	0.1	61	0.20	0.047
1020592	Soil		1.0	39.7	8.8	115	<0.1	15.4	16.6	650	5.62	5.1	0.4	1.2	2.2	18	0.1	0.2	0.1	114	0.29	0.059
1020591	Soil		1.0	29.4	7.2	76	<0.1	17.4	12.3	392	3.81	5.8	0.5	5.9	3.0	18	<0.1	0.4	0.1	78	0.22	0.041
1020586	Soil		1.1	29.3	9.1	77	0.1	19.7	11.8	625	3.20	5.9	0.8	0.9	4.1	21	0.2	0.3	0.2	59	0.30	0.063
1020594	Soil		1.0	64.8	6.0	124	<0.1	15.4	17.7	631	4.88	5.1	0.7	1.7	5.6	23	<0.1	0.2	<0.1	96	0.38	0.094
1011287	Soil		0.7	25.2	9.4	56	<0.1	23.2	11.2	316	3.43	9.1	1.3	1.7	11.9	19	<0.1	0.5	0.1	65	0.22	0.053
1011286	Soil		0.5	21.1	7.1	92	<0.1	10.3	18.9	756	5.43	2.2	1.1	<0.5	13.0	23	<0.1	0.2	<0.1	80	0.38	0.092
1011288	Soil		0.6	25.0	8.4	66	<0.1	22.8	13.3	373	3.84	7.8	1.9	1.9	18.1	25	<0.1	0.4	0.1	71	0.24	0.021
1031782	Soil		0.3	7.8	6.4	77	<0.1	6.7	11.9	363	4.99	5.3	0.2	<0.5	2.3	28	<0.1	0.5	<0.1	109	0.35	0.083
1031785	Soil		0.3	4.3	2.1	114	<0.1	8.2	17.0	909	4.98	1.6	0.2	<0.5	0.8	33	<0.1	<0.1	<0.1	108	0.71	0.245
1031766	Soil		0.3	6.0	2.6	89	<0.1	4.6	11.7	696	4.58	1.3	0.5	<0.5	1.5	53	<0.1	0.2	<0.1	91	0.76	0.198
1031792	Soil		0.8	158.3	5.7	121	0.2	10.5	17.1	851	6.60	7.2	0.7	12.8	1.7	15	0.1	5.9	<0.1	128	0.58	0.135
1031780	Soil		0.4	5.9	4.2	79	<0.1	7.2	12.1	591	4.06	4.7	0.2	<0.5	1.4	41	<0.1	0.2	<0.1	88	0.56	0.152
1031794	Soil		0.8	222.1	4.7	137	0.3	12.6	22.3	1125	7.49	3.5	0.6	9.4	1.4	16	0.2	4.2	<0.1	160	0.62	0.153
1031790	Soil		0.7	17.2	6.8	45	<0.1	12.0	6.9	208	2.77	4.6	0.4	3.0	2.3	19	<0.1	0.3	<0.1	68	0.23	0.047
1031776	Soil		0.5	9.9	3.8	95	<0.1	10.7	13.7	656	4.54	4.7	0.4	0.7	2.0	30	<0.1	0.2	<0.1	89	0.47	0.126
1031783	Soil		0.6	13.5	5.3	79	<0.1	16.4	13.5	458	3.75	5.8	0.4	1.4	2.6	26	<0.1	0.3	<0.1	77	0.42	0.115
1031784	Soil		0.2	7.0	1.9	76	<0.1	6.5	11.7	471	3.84	2.0	0.4	<0.5	1.7	42	<0.1	0.1	<0.1	87	0.88	0.216
1011289	Soil		0.5	48.3	6.3	68	<0.1	25.3	19.5	516	3.74	4.0	1.5	<0.5	14.1	31	<0.1	0.2	<0.1	82	0.48	0.058
1011294	Soil		0.7	25.7	9.4	60	<0.1	24.9	10.8	317	3.21	9.9	1.4	2.8	13.1	21	<0.1	0.5	0.2	63	0.23	0.018
1031800	Soil		0.1	80.5	9.2	45	0.2	13.9	4.5	373	1.43	1.6	1.1	1.4	1.7	158	0.1	<0.1	0.2	57	8.92	0.033
1031793	Soil		0.6	81.4	3.5	116	<0.1	16.2	20.1	915	6.54	3.0	0.2	0.8	1.6	7	<0.1	0.7	<0.1	151	0.25	0.081
1031791	Soil		0.7	38.2	5.2	56	<0.1	17.3	9.0	227	3.16	8.3	0.2	1.0	1.4	14	<0.1	1.6	<0.1	60	0.15	0.029

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1020593	Soil		10	27	0.91	257	0.184	1	2.33	0.012	0.37	<0.1	0.02	3.7	0.2	<0.05	7	<0.5	<0.2
1020590	Soil		11	25	0.97	198	0.185	1	2.09	0.011	0.27	<0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1011281	Soil		4	8	1.23	389	0.171	1	3.19	0.012	0.96	<0.1	<0.01	2.7	0.3	<0.05	9	<0.5	<0.2
1011282	Soil		15	37	1.78	531	0.223	<1	3.28	0.058	1.26	<0.1	<0.01	5.2	0.5	0.30	10	<0.5	<0.2
1011280	Soil		15	34	1.17	351	0.166	2	2.51	0.016	0.18	0.1	0.04	6.8	0.2	<0.05	6	<0.5	<0.2
1020584	Soil		10	31	0.71	162	0.119	4	1.73	0.010	0.15	0.2	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1020583	Soil		11	35	0.57	161	0.108	1	2.05	0.010	0.09	0.2	0.03	3.1	0.1	<0.05	5	<0.5	<0.2
1020585	Soil		8	28	0.44	108	0.096	2	1.88	0.009	0.09	0.1	0.06	2.4	<0.1	<0.05	6	<0.5	<0.2
1020592	Soil		7	27	1.15	188	0.237	1	2.51	0.013	0.46	<0.1	0.01	4.1	0.2	<0.05	9	<0.5	<0.2
1020591	Soil		10	26	0.78	177	0.139	1	1.93	0.010	0.16	<0.1	0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1020586	Soil		18	28	0.69	227	0.087	1	1.66	0.010	0.16	0.1	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1020594	Soil		16	27	1.18	275	0.251	<1	2.67	0.016	0.53	<0.1	<0.01	3.8	0.3	<0.05	8	<0.5	<0.2
1011287	Soil		22	38	0.50	179	0.076	1	2.32	0.011	0.06	0.1	0.04	5.0	0.1	<0.05	6	<0.5	<0.2
1011286	Soil		15	21	1.20	108	0.179	<1	2.75	0.010	0.16	0.1	<0.01	2.7	<0.1	<0.05	9	<0.5	<0.2
1011288	Soil		34	35	0.75	218	0.152	1	2.31	0.011	0.18	<0.1	0.04	5.5	0.2	<0.05	7	<0.5	<0.2
1031782	Soil		4	14	0.49	214	0.013	<1	2.61	0.011	0.04	<0.1	<0.01	8.7	<0.1	<0.05	10	<0.5	<0.2
1031785	Soil		3	10	1.59	278	0.192	<1	2.60	0.016	0.76	<0.1	<0.01	2.5	0.2	<0.05	10	<0.5	<0.2
1031766	Soil		10	9	1.30	417	0.104	<1	2.43	0.010	0.37	<0.1	<0.01	6.4	0.1	<0.05	10	<0.5	<0.2
1031792	Soil		13	9	0.49	332	0.057	2	1.60	0.005	0.28	<0.1	0.07	19.8	0.3	<0.05	7	0.5	<0.2
1031780	Soil		5	14	1.02	279	0.092	1	2.39	0.018	0.25	<0.1	<0.01	5.3	<0.1	<0.05	9	<0.5	<0.2
1031794	Soil		13	10	0.55	408	0.063	1	1.68	0.005	0.31	<0.1	0.07	22.6	0.3	<0.05	8	0.5	<0.2
1031790	Soil		9	22	0.47	131	0.099	<1	1.80	0.011	0.04	<0.1	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1031776	Soil		6	18	1.24	171	0.127	<1	2.65	0.021	0.07	<0.1	0.01	4.1	<0.1	<0.05	9	<0.5	<0.2
1031783	Soil		6	24	1.00	179	0.090	<1	2.46	0.017	0.06	<0.1	<0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1031784	Soil		11	10	1.06	301	0.135	<1	2.06	0.033	0.27	<0.1	<0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
1011289	Soil		38	36	1.30	246	0.180	<1	1.89	0.015	0.26	<0.1	<0.01	4.2	0.3	<0.05	6	<0.5	<0.2
1011294	Soil		27	36	0.53	249	0.089	<1	1.90	0.012	0.06	0.1	0.03	6.2	<0.1	<0.05	6	<0.5	<0.2
1031800	Soil		6	26	6.39	169	0.120	<1	2.68	0.008	0.29	<0.1	0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1031793	Soil		4	21	1.67	214	0.331	1	2.92	0.009	1.12	<0.1	0.01	7.5	0.4	<0.05	11	<0.5	<0.2
1031791	Soil		4	42	0.71	210	0.046	<1	1.87	0.007	0.08	<0.1	0.01	4.3	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031786	Soil		0.6	20.7	7.4	63	<0.1	18.0	11.3	325	3.44	9.0	0.6	1.2	4.5	20	<0.1	0.5	0.1	75	0.22	0.024
1031797	Soil		0.7	34.7	10.1	56	0.2	24.3	10.1	355	2.64	10.2	0.4	3.4	2.1	56	0.2	1.3	0.1	57	2.72	0.048
1031798	Soil		0.5	25.1	10.0	56	0.2	24.7	9.7	411	2.84	9.4	0.5	<0.5	2.5	42	0.2	0.4	0.1	61	1.78	0.043
1031778	Soil		0.4	11.8	4.1	83	<0.1	14.0	14.4	550	4.00	6.0	0.4	2.8	2.4	26	<0.1	0.2	<0.1	83	0.46	0.151
1031767	Soil		0.2	7.0	5.5	92	<0.1	13.0	12.5	1087	4.74	4.1	0.5	<0.5	4.1	26	0.1	0.4	<0.1	64	0.66	0.176
1031774	Soil		0.9	13.2	8.3	63	<0.1	14.0	10.7	384	3.34	9.8	0.7	1.0	3.7	29	<0.1	0.5	0.1	84	0.29	0.062
1031799	Soil		1.4	105.1	9.0	125	0.9	9.9	17.4	657	8.80	14.7	1.1	10.8	3.6	47	0.3	18.3	<0.1	58	2.56	0.053
1031773	Soil		0.4	9.3	3.3	95	<0.1	8.4	14.5	980	4.13	8.1	0.6	<0.5	2.7	30	<0.1	0.3	<0.1	103	0.71	0.235
1031777	Soil		0.7	6.7	4.5	86	<0.1	9.3	13.0	575	3.46	6.3	0.2	<0.5	1.6	24	<0.1	0.3	<0.1	83	0.52	0.175
1031779	Soil		0.3	4.8	2.0	100	<0.1	5.2	15.1	721	3.79	3.8	0.2	<0.5	1.2	47	<0.1	0.2	<0.1	94	0.70	0.204
1031788	Soil		0.7	20.0	8.4	44	<0.1	12.9	6.2	184	2.55	9.0	0.7	1.8	3.5	16	<0.1	0.4	0.1	68	0.15	0.041
1031789	Soil		0.4	57.4	4.2	110	<0.1	12.2	14.9	670	3.78	4.0	0.2	<0.5	1.9	31	0.1	0.2	<0.1	104	0.60	0.230
1031770	Soil		0.7	7.0	5.7	87	<0.1	11.0	15.2	664	3.97	7.5	0.2	<0.5	2.4	23	<0.1	0.3	<0.1	89	0.34	0.123
1031771	Soil		0.5	4.7	3.1	91	<0.1	7.3	13.1	717	3.74	4.6	0.2	<0.5	1.0	22	0.1	0.2	<0.1	89	0.54	0.202
1031769	Soil		0.4	3.7	3.5	114	<0.1	6.5	17.7	1008	4.48	3.6	0.1	0.5	1.1	22	0.1	0.1	<0.1	85	0.41	0.230
1031775	Soil		0.8	9.9	6.4	109	<0.1	12.1	17.4	809	5.33	9.8	0.3	0.6	3.2	33	0.1	0.4	0.1	110	0.46	0.127
1031768	Soil		0.8	33.6	24.1	57	0.2	24.8	9.6	363	2.78	10.3	1.1	6.7	4.5	26	<0.1	0.6	0.5	64	0.31	0.026
1031787	Soil		0.5	19.1	5.1	79	<0.1	20.4	14.0	475	3.33	4.8	0.5	1.2	3.6	27	<0.1	0.3	<0.1	75	0.37	0.079
1031772	Soil		0.5	14.5	13.1	118	<0.1	8.4	12.2	667	5.94	22.9	0.7	1.4	6.1	47	<0.1	0.6	<0.1	122	0.85	0.258
1031795	Soil		31.8	129.4	35.1	287	0.6	99.7	26.5	798	6.37	91.7	1.3	11.9	3.2	20	1.3	16.6	0.1	79	0.54	0.206
1031781	Soil		0.6	21.7	7.2	74	<0.1	22.1	13.3	681	3.38	6.3	1.0	1.8	5.8	39	<0.1	0.3	0.1	73	0.48	0.125
1031796	Soil		15.0	169.3	202.7	370	1.2	120.4	43.5	1626	8.23	78.3	1.4	16.6	1.9	77	3.4	5.1	0.7	88	2.35	0.218

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000434.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031786	Soil	16	32	0.75	187	0.106	<1	2.26	0.012	0.05	<0.1	0.02	4.2	<0.1	<0.05	7	<0.5	<0.2
1031797	Soil	12	30	0.99	371	0.052	2	1.58	0.020	0.07	0.1	0.06	4.0	<0.1	<0.05	5	<0.5	<0.2
1031798	Soil	13	34	1.54	262	0.066	2	1.71	0.020	0.07	0.1	0.05	4.4	<0.1	<0.05	5	<0.5	<0.2
1031778	Soil	6	21	1.18	272	0.179	<1	2.69	0.017	0.38	<0.1	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
1031767	Soil	22	11	0.32	1014	0.005	<1	1.41	0.007	0.08	<0.1	0.02	7.6	<0.1	<0.05	5	<0.5	<0.2
1031774	Soil	13	30	0.71	191	0.069	<1	2.24	0.012	0.06	<0.1	0.03	4.6	<0.1	<0.05	7	<0.5	<0.2
1031799	Soil	12	3	0.89	484	<0.001	2	0.54	0.004	0.14	<0.1	0.12	18.3	<0.1	<0.05	2	0.5	<0.2
1031773	Soil	14	16	0.92	317	0.084	1	2.26	0.024	0.27	<0.1	0.03	8.0	<0.1	<0.05	9	<0.5	<0.2
1031777	Soil	5	18	1.05	221	0.118	<1	2.27	0.016	0.20	<0.1	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1031779	Soil	5	9	1.37	381	0.133	<1	2.44	0.020	0.41	<0.1	<0.01	4.3	<0.1	<0.05	9	<0.5	<0.2
1031788	Soil	10	30	0.45	172	0.067	1	1.78	0.010	0.05	0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1031789	Soil	5	27	1.30	141	0.150	<1	2.15	0.017	0.43	<0.1	<0.01	3.0	0.2	<0.05	9	<0.5	<0.2
1031770	Soil	5	19	1.12	146	0.081	<1	2.58	0.021	0.07	<0.1	0.02	3.9	<0.1	<0.05	9	<0.5	<0.2
1031771	Soil	4	12	1.19	161	0.166	<1	2.18	0.014	0.50	<0.1	<0.01	2.3	0.1	<0.05	8	<0.5	<0.2
1031769	Soil	3	9	1.50	107	0.045	<1	2.34	0.012	0.04	<0.1	<0.01	3.4	<0.1	<0.05	10	<0.5	<0.2
1031775	Soil	5	23	1.48	222	0.064	<1	3.08	0.012	0.06	0.1	<0.01	6.7	<0.1	<0.05	11	<0.5	<0.2
1031768	Soil	14	38	0.57	308	0.072	<1	1.72	0.012	0.05	0.2	0.06	6.1	<0.1	<0.05	5	<0.5	<0.2
1031787	Soil	17	32	1.08	289	0.105	2	2.12	0.011	0.09	<0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
1031772	Soil	21	10	0.53	576	0.007	1	2.43	0.008	0.09	<0.1	0.04	16.0	<0.1	<0.05	10	<0.5	<0.2
1031795	Soil	13	34	0.22	1328	0.004	<1	1.15	0.003	0.05	0.1	0.07	11.7	<0.1	0.05	3	5.6	<0.2
1031781	Soil	29	30	1.11	282	0.069	<1	2.07	0.012	0.08	0.1	0.03	6.0	<0.1	<0.05	7	<0.5	<0.2
1031796	Soil	13	51	0.44	896	0.005	2	0.94	0.006	0.08	<0.1	0.13	9.3	<0.1	0.07	4	1.5	0.2

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QUALITY CONTROL REPORT WHI11000434.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1023801	Soil	0.4	19.2	3.1	58	<0.1	21.7	15.4	389	2.72	2.8	0.2	4.8	1.6	30	<0.1	0.2	<0.1	73	0.50	0.064
REP 1023801	QC	0.4	19.0	3.1	59	<0.1	21.0	15.0	390	2.69	2.7	0.2	0.8	1.6	29	<0.1	0.2	<0.1	72	0.49	0.064
1030941	Soil	1.4	13.4	9.8	85	<0.1	8.2	9.9	481	3.40	3.4	0.9	<0.5	8.0	16	<0.1	0.2	<0.1	46	0.30	0.051
REP 1030941	QC	1.3	13.5	9.9	87	<0.1	8.5	10.2	497	3.38	3.1	0.9	0.7	7.8	16	<0.1	0.2	<0.1	45	0.28	0.047
1031517	Soil	0.5	18.3	5.4	66	<0.1	10.3	6.9	261	2.43	3.2	0.5	2.1	1.4	33	<0.1	0.1	<0.1	63	0.46	0.093
REP 1031517	QC	0.4	18.7	5.3	70	<0.1	10.0	6.7	247	2.47	3.0	0.5	1.8	1.3	34	<0.1	0.2	<0.1	62	0.47	0.091
1031518	Soil	0.5	25.4	4.3	81	<0.1	7.6	8.9	398	3.28	2.8	0.3	1.9	2.2	23	<0.1	0.1	<0.1	75	0.47	0.137
REP 1031518	QC	0.4	25.2	4.3	81	<0.1	7.7	8.9	406	3.36	2.8	0.4	2.5	2.2	23	<0.1	0.1	<0.1	75	0.47	0.138
1031753	Soil	0.7	16.8	6.8	66	<0.1	14.8	9.5	530	3.02	7.0	0.7	2.8	2.9	31	<0.1	0.4	0.1	67	0.36	0.055
REP 1031753	QC	0.8	16.1	6.7	66	<0.1	14.8	9.5	510	2.97	7.0	0.7	2.7	2.8	30	<0.1	0.4	0.1	65	0.33	0.058
1011450	Soil	0.7	27.5	4.8	85	<0.1	11.9	11.3	686	3.54	5.1	0.7	<0.5	4.2	31	<0.1	0.2	<0.1	88	0.56	0.082
REP 1011450	QC	0.6	27.9	5.1	91	<0.1	13.3	12.7	731	3.81	5.4	0.7	2.5	4.3	33	<0.1	0.2	<0.1	89	0.59	0.089
1010184	Soil	0.9	25.4	12.5	58	<0.1	27.1	11.0	303	3.20	8.0	1.8	1.3	8.0	19	<0.1	0.3	0.2	71	0.23	0.044
REP 1010184	QC	0.8	25.3	12.0	59	0.1	27.3	11.2	300	3.20	8.1	1.8	2.9	7.7	18	0.1	0.4	0.2	70	0.23	0.044
1010172	Soil	0.8	24.8	7.2	62	<0.1	23.1	12.7	424	3.03	6.6	0.8	4.9	3.4	20	<0.1	0.4	0.8	68	0.34	0.093
REP 1010172	QC	0.8	25.0	6.9	62	<0.1	24.0	12.6	431	3.03	6.4	0.8	1.5	3.4	19	0.1	0.4	0.9	68	0.33	0.088
1028632	Soil	0.7	8.1	4.3	123	<0.1	11.5	8.3	847	3.67	3.7	0.6	1.5	5.4	19	0.1	0.2	<0.1	39	0.27	0.030
REP 1028632	QC	0.7	8.0	3.9	122	<0.1	12.2	8.2	856	3.65	3.7	0.6	<0.5	5.3	19	<0.1	0.3	<0.1	39	0.27	0.030
1028626	Soil	0.5	12.8	3.9	58	<0.1	18.1	11.6	404	3.15	4.3	0.5	2.0	4.0	24	<0.1	0.2	<0.1	55	0.28	0.033
REP 1028626	QC	0.5	12.6	3.8	59	<0.1	17.2	11.8	404	3.14	5.1	0.5	1.7	4.0	23	<0.1	0.2	<0.1	54	0.27	0.032
1028605	Soil	0.5	58.5	6.0	74	<0.1	17.9	13.8	417	3.21	7.1	0.3	1.4	2.3	17	<0.1	0.3	<0.1	73	0.36	0.130
REP 1028605	QC	0.6	59.1	5.8	74	<0.1	18.1	13.4	417	3.18	6.7	0.3	<0.5	2.4	17	<0.1	0.3	<0.1	70	0.35	0.126
1020594	Soil	1.0	64.8	6.0	124	<0.1	15.4	17.7	631	4.88	5.1	0.7	1.7	5.6	23	<0.1	0.2	<0.1	96	0.38	0.094
REP 1020594	QC	0.8	68.2	6.0	124	<0.1	16.2	17.6	636	4.95	5.0	0.7	<0.5	5.4	23	0.1	0.3	<0.1	95	0.37	0.089
1031784	Soil	0.2	7.0	1.9	76	<0.1	6.5	11.7	471	3.84	2.0	0.4	<0.5	1.7	42	<0.1	0.1	<0.1	87	0.88	0.216
REP 1031784	QC	0.1	7.4	1.6	79	<0.1	6.8	11.4	483	3.80	2.0	0.3	<0.5	1.6	43	<0.1	0.1	<0.1	86	0.91	0.224
Reference Materials																					
STD DS8	Standard	13.6	121.9	138.1	325	1.8	42.7	8.3	630	2.59	27.3	2.7	155.6	6.3	60	2.4	5.7	6.6	44	0.66	0.082

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1023801	Soil	4	22	1.04	353	0.143	<1	1.86	0.014	0.32	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
REP 1023801	QC	4	22	1.05	343	0.142	<1	1.77	0.014	0.31	<0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1030941	Soil	9	16	0.67	145	0.109	<1	2.01	0.008	0.09	0.1	<0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
REP 1030941	QC	9	17	0.68	145	0.101	<1	1.95	0.007	0.09	<0.1	<0.01	1.6	<0.1	<0.05	7	<0.5	<0.2
1031517	Soil	8	20	0.56	266	0.100	<1	1.63	0.010	0.14	<0.1	0.04	2.8	<0.1	<0.05	7	0.5	<0.2
REP 1031517	QC	8	20	0.57	269	0.100	1	1.57	0.010	0.15	0.1	0.05	2.8	<0.1	<0.05	6	<0.5	<0.2
1031518	Soil	8	19	0.78	224	0.109	<1	1.79	0.012	0.37	<0.1	<0.01	2.6	0.1	<0.05	7	<0.5	<0.2
REP 1031518	QC	8	19	0.83	213	0.109	<1	1.89	0.012	0.38	<0.1	<0.01	2.8	0.1	<0.05	7	<0.5	<0.2
1031753	Soil	12	25	0.73	273	0.086	<1	1.87	0.013	0.08	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
REP 1031753	QC	11	25	0.72	269	0.088	<1	1.77	0.013	0.07	<0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1011450	Soil	17	16	1.36	287	0.240	<1	2.58	0.022	0.40	0.2	<0.01	1.8	0.2	<0.05	8	<0.5	<0.2
REP 1011450	QC	17	16	1.47	304	0.252	<1	2.71	0.025	0.43	0.3	<0.01	2.1	0.2	<0.05	8	0.7	<0.2
1010184	Soil	13	41	0.59	208	0.089	1	2.58	0.010	0.07	0.2	0.02	4.4	0.1	<0.05	7	0.9	<0.2
REP 1010184	QC	13	40	0.56	210	0.087	<1	2.41	0.009	0.07	0.2	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
1010172	Soil	11	38	0.87	223	0.118	1	1.80	0.011	0.19	0.8	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
REP 1010172	QC	11	36	0.87	217	0.117	2	1.79	0.011	0.18	0.9	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1028632	Soil	16	19	1.04	284	0.078	1	2.15	0.009	0.13	<0.1	0.01	9.7	<0.1	<0.05	11	<0.5	<0.2
REP 1028632	QC	16	19	1.05	289	0.079	1	2.12	0.008	0.13	<0.1	0.01	9.6	0.1	<0.05	11	<0.5	<0.2
1028626	Soil	13	37	1.01	314	0.180	1	1.88	0.010	0.43	<0.1	<0.01	2.3	0.2	<0.05	6	<0.5	<0.2
REP 1028626	QC	13	37	1.01	317	0.186	<1	1.91	0.018	0.45	0.1	<0.01	2.3	0.2	<0.05	6	<0.5	<0.2
1028605	Soil	6	27	1.09	226	0.112	1	1.97	0.012	0.23	<0.1	<0.01	3.4	<0.1	<0.05	6	0.8	<0.2
REP 1028605	QC	6	26	1.07	224	0.107	<1	1.86	0.012	0.22	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1020594	Soil	16	27	1.18	275	0.251	<1	2.67	0.016	0.53	<0.1	<0.01	3.8	0.3	<0.05	8	<0.5	<0.2
REP 1020594	QC	17	27	1.20	276	0.253	1	2.64	0.017	0.52	<0.1	0.01	3.7	0.2	<0.05	8	<0.5	<0.2
1031784	Soil	11	10	1.06	301	0.135	<1	2.06	0.033	0.27	<0.1	<0.01	4.0	<0.1	<0.05	8	<0.5	<0.2
REP 1031784	QC	11	10	1.07	301	0.132	<1	2.07	0.032	0.27	<0.1	<0.01	4.1	0.1	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	122	0.62	283	0.108	2	0.89	0.084	0.43	3.1	0.21	2.0	5.4	0.15	5	5.5	5.1

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 05, 2011

QUALITY CONTROL REPORT WHI11000434.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.3	122.3	135.5	327	1.9	42.4	8.2	626	2.55	28.3	2.7	120.7	6.2	60	2.5	5.4	6.6	44	0.66	0.083
STD DS8	Standard	13.4	115.2	127.5	313	1.9	40.1	7.9	634	2.51	27.4	2.8	187.7	6.8	65	2.3	5.2	6.6	47	0.67	0.081
STD DS8	Standard	14.3	113.7	122.9	307	1.7	38.6	7.7	604	2.43	27.4	2.7	113.0	6.8	63	2.5	5.1	6.4	45	0.67	0.076
STD DS8	Standard	12.2	102.9	115.8	283	1.7	34.9	7.2	556	2.30	24.3	2.5	99.2	6.1	58	1.8	5.2	6.2	39	0.62	0.073
STD DS8	Standard	12.6	107.8	118.5	292	1.6	37.4	7.4	594	2.42	24.6	2.8	101.8	6.6	62	2.3	5.3	6.4	40	0.67	0.076
STD DS8	Standard	12.4	105.4	108.5	294	1.7	37.0	7.1	601	2.41	26.7	2.5	104.9	5.9	61	2.1	5.2	5.6	40	0.65	0.076
STD DS8	Standard	12.4	108.7	111.1	305	1.7	39.5	7.6	630	2.56	26.2	2.3	107.6	5.8	61	2.1	5.1	5.6	41	0.65	0.077
STD DS8	Standard	11.8	99.4	113.4	281	1.6	33.5	6.8	518	2.14	23.1	2.1	94.7	5.5	55	1.9	4.4	5.6	38	0.61	0.069
STD DS8	Standard	10.7	92.8	115.2	275	1.7	34.0	7.0	541	2.20	22.1	2.2	110.4	5.5	52	2.2	4.6	5.6	38	0.58	0.074
STD DS8	Standard	12.4	92.8	118.3	282	1.7	35.2	7.2	570	2.27	22.5	2.3	106.7	5.8	55	2.1	4.6	5.6	39	0.61	0.073
STD DS8	Standard	12.0	99.3	126.5	304	1.8	37.5	7.7	600	2.49	24.6	2.5	116.0	5.8	57	2.1	5.2	6.0	42	0.63	0.079
STD DS8	Standard	12.4	98.1	124.4	301	1.8	37.4	7.4	593	2.38	24.1	2.4	105.8	6.0	59	2.2	5.2	6.0	41	0.64	0.077
STD DS8	Standard	13.5	106.6	119.7	305	1.9	38.4	7.2	597	2.38	25.5	2.7	115.3	6.6	63	2.1	5.2	5.8	41	0.67	0.077
STD DS8	Standard	14.0	107.4	122.1	301	1.7	37.3	7.6	600	2.36	26.1	2.6	106.3	6.8	65	2.3	5.2	5.9	42	0.66	0.073
STD DS8	Standard	13.0	109.3	120.6	310	1.7	39.9	7.8	607	2.43	25.4	2.6	110.0	6.9	58	2.0	5.0	6.2	43	0.64	0.079
STD DS8	Standard	12.7	110.2	118.5	307	1.8	41.1	7.6	625	2.54	24.9	2.6	119.1	6.2	57	2.4	5.0	6.1	43	0.66	0.077
STD DS8	Standard	12.5	104.1	120.9	300	1.8	35.1	7.0	557	2.26	24.8	2.7	102.2	6.4	53	2.1	4.8	5.3	38	0.62	0.074
STD DS8	Standard	13.0	102.2	122.9	302	1.8	35.4	7.0	557	2.27	25.5	2.7	110.5	6.7	54	2.2	4.6	5.5	38	0.62	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 05, 2011

QUALITY CONTROL REPORT WHI11000434.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	12	124	0.63	276	0.107	4	0.90	0.084	0.43	3.0	0.23	2.0	5.5	0.18	4	5.8	5.1
STD DS8	Standard	14	126	0.61	272	0.125	2	0.90	0.081	0.40	3.0	0.19	2.2	5.4	0.13	5	5.4	5.2
STD DS8	Standard	14	122	0.62	275	0.122	2	0.88	0.078	0.38	3.0	0.18	2.0	5.2	0.13	5	4.8	4.8
STD DS8	Standard	12	110	0.55	243	0.099	2	0.80	0.089	0.39	2.7	0.19	1.9	5.0	0.14	4	4.5	4.4
STD DS8	Standard	14	117	0.56	272	0.109	2	0.88	0.082	0.40	2.9	0.17	2.0	5.0	0.13	4	4.6	4.5
STD DS8	Standard	13	113	0.51	272	0.107	3	0.91	0.098	0.43	2.8	0.18	2.2	4.9	0.16	5	5.9	4.7
STD DS8	Standard	13	115	0.50	269	0.111	3	0.95	0.088	0.45	2.8	0.17	2.4	4.7	0.17	5	5.6	4.6
STD DS8	Standard	13	103	0.46	256	0.109	2	0.83	0.065	0.38	2.7	0.19	1.9	4.8	0.10	4	4.7	4.3
STD DS8	Standard	11	104	0.54	223	0.091	2	0.78	0.075	0.37	2.7	0.20	1.9	4.9	0.16	4	4.7	4.6
STD DS8	Standard	12	106	0.56	242	0.101	3	0.84	0.082	0.40	2.7	0.19	2.1	5.0	0.15	4	5.1	5.0
STD DS8	Standard	12	112	0.61	263	0.101	3	0.88	0.079	0.41	3.0	0.20	1.7	5.3	0.16	5	5.3	5.2
STD DS8	Standard	13	111	0.61	263	0.103	2	0.85	0.078	0.40	3.0	0.21	1.8	5.2	0.14	5	5.2	4.9
STD DS8	Standard	15	120	0.52	266	0.120	2	0.90	0.088	0.41	3.0	0.18	2.3	5.1	0.20	5	4.1	4.8
STD DS8	Standard	16	117	0.51	274	0.121	3	0.87	0.087	0.41	3.0	0.19	2.4	5.2	0.15	4	5.2	4.6
STD DS8	Standard	13	121	0.58	268	0.115	3	0.87	0.082	0.39	2.9	0.18	1.8	5.5	0.18	5	5.1	5.2
STD DS8	Standard	13	119	0.55	265	0.113	2	0.88	0.084	0.41	2.8	0.18	2.0	5.4	0.16	4	5.8	5.3
STD DS8	Standard	13	109	0.56	262	0.097	2	0.82	0.075	0.39	2.9	0.21	1.8	5.2	0.13	4	5.2	4.8
STD DS8	Standard	13	108	0.58	271	0.097	3	0.84	0.077	0.39	2.9	0.21	1.9	5.2	0.13	4	4.7	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 29, 2011
Report Date: August 03, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000435.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 246

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	246	Dry at 60C			VAN
SS80	246	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	246	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000435.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013957	Soil		0.7	12.8	7.0	55	<0.1	16.6	8.7	263	2.93	5.9	0.4	1.1	2.1	17	0.3	0.3	0.1	63	0.27	0.054
1013958	Soil		1.2	15.7	8.5	45	0.2	11.3	6.7	477	2.82	2.8	0.6	6.8	0.2	18	0.3	0.4	0.1	75	0.21	0.118
1013884	Soil		0.6	14.8	4.8	62	<0.1	15.9	9.6	378	2.40	4.8	0.5	3.6	1.8	22	0.2	0.3	<0.1	54	0.35	0.080
1013951	Soil		1.0	15.1	10.1	56	<0.1	16.3	8.3	303	2.85	7.5	0.7	3.2	0.8	15	0.3	0.5	0.3	70	0.20	0.059
1013900	Soil		0.8	32.1	4.6	62	<0.1	18.3	11.6	322	2.84	5.1	0.8	3.2	1.3	21	0.3	0.4	0.1	57	0.30	0.086
1013876	Soil		0.6	58.3	6.8	57	0.3	20.8	10.3	249	2.54	4.5	2.8	4.9	6.0	40	0.1	0.3	0.1	50	0.59	0.085
1013896	Soil		0.9	35.1	5.8	53	0.2	16.9	10.7	293	3.26	4.5	2.6	2.3	5.3	23	0.1	0.3	0.1	53	0.29	0.076
1013960	Soil		0.5	15.4	4.6	50	<0.1	17.6	10.2	308	2.47	5.3	0.5	1.0	2.2	20	0.1	0.3	<0.1	55	0.29	0.072
1013961	Soil		0.5	21.9	4.2	64	<0.1	21.7	13.9	381	2.89	4.9	0.4	1.7	2.6	22	0.1	0.3	<0.1	60	0.37	0.093
1013956	Soil		0.7	12.6	6.2	48	<0.1	16.0	8.4	298	2.64	6.1	0.5	1.4	1.0	13	0.1	0.4	0.1	55	0.18	0.053
1013883	Soil		1.0	6.9	8.0	41	<0.1	9.4	5.2	248	1.91	5.0	0.5	3.4	1.0	15	0.2	0.2	0.2	57	0.18	0.056
1013897	Soil		0.7	13.7	4.9	56	<0.1	14.0	11.2	403	2.38	4.0	0.6	7.9	3.9	20	0.1	0.2	<0.1	52	0.32	0.077
1013899	Soil		0.7	17.7	4.7	49	<0.1	16.4	10.2	258	2.65	4.9	0.7	1.5	5.7	17	0.1	0.3	0.1	53	0.27	0.074
1013879	Soil		0.6	32.6	5.8	61	<0.1	17.9	15.7	516	2.53	4.5	0.9	2.5	3.3	32	0.2	0.3	0.1	52	0.62	0.124
1013898	Soil		0.7	24.3	4.6	68	<0.1	19.4	12.9	395	2.71	4.9	0.9	4.5	6.8	27	0.1	0.3	<0.1	54	0.43	0.130
1013895	Soil		0.7	24.7	5.3	48	<0.1	19.1	9.7	254	2.68	5.4	1.4	1.3	5.2	18	<0.1	0.3	0.1	53	0.19	0.041
1013885	Soil		0.7	22.2	8.7	68	<0.1	22.4	12.8	469	2.99	4.9	0.7	5.2	1.8	26	0.1	0.3	0.1	65	0.44	0.074
1015018	Soil		0.7	11.5	5.3	47	<0.1	8.1	7.4	363	2.53	3.7	0.7	<0.5	6.4	8	<0.1	0.2	<0.1	34	0.10	0.019
1015019	Soil		0.6	14.1	5.9	43	<0.1	13.2	8.5	313	2.22	4.6	0.5	<0.5	4.9	15	<0.1	0.3	<0.1	44	0.18	0.023
1015020	Soil		0.7	14.5	7.7	40	<0.1	13.0	6.4	293	2.39	4.6	0.6	<0.5	5.3	14	<0.1	0.4	<0.1	42	0.17	0.023
1013881	Soil		1.0	17.0	5.2	58	<0.1	14.1	12.4	441	2.85	5.2	0.6	1.3	3.9	18	0.1	0.3	0.1	68	0.24	0.061
1013878	Soil		0.6	17.1	4.6	60	<0.1	18.1	12.0	360	2.61	3.0	0.7	1.6	5.8	25	<0.1	0.2	<0.1	53	0.38	0.056
1013877	Soil		0.9	28.0	4.3	64	<0.1	20.1	13.0	505	3.20	2.8	0.8	1.3	4.9	18	0.1	0.3	<0.1	69	0.24	0.065
1013882	Soil		0.7	28.7	4.6	67	<0.1	22.4	16.5	485	2.99	4.3	0.9	1.2	6.2	25	0.1	0.2	<0.1	58	0.44	0.120
1013880	Soil		0.7	13.8	4.4	53	<0.1	13.7	9.2	255	2.14	3.3	0.4	1.1	2.4	19	0.1	0.2	<0.1	55	0.33	0.080
1013952	Soil		0.7	20.4	6.3	52	<0.1	19.3	10.4	411	2.62	5.6	0.5	3.5	1.5	15	0.1	0.4	0.1	58	0.24	0.054
1013959	Soil		0.4	15.9	4.3	49	<0.1	18.5	9.4	236	2.29	3.7	0.4	15.5	2.2	19	0.1	0.3	<0.1	48	0.29	0.079
1013953	Soil		0.3	19.1	5.3	51	<0.1	17.7	9.1	242	2.38	4.0	0.4	<0.5	2.9	21	<0.1	0.3	<0.1	52	0.36	0.080
1013954	Soil		0.4	15.7	5.7	43	<0.1	14.7	7.4	182	2.30	4.3	0.4	4.5	1.9	16	<0.1	0.3	<0.1	50	0.27	0.068
1013955	Soil		0.6	16.9	5.8	48	<0.1	20.1	7.8	233	2.42	5.1	0.5	2.7	1.7	15	0.1	0.4	<0.1	54	0.26	0.064

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000435.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013957	Soil	8	31	0.59	105	0.111	2	1.53	0.010	0.08	0.1	0.03	2.7	<0.1	<0.05	6	<0.5	<0.2
1013958	Soil	6	22	0.32	191	0.054	2	1.49	0.009	0.09	<0.1	0.12	1.1	0.1	0.12	8	<0.5	<0.2
1013884	Soil	7	25	0.62	130	0.092	2	1.19	0.014	0.09	0.1	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1013951	Soil	9	28	0.42	100	0.066	2	1.63	0.008	0.05	0.2	0.06	2.0	<0.1	<0.05	7	<0.5	<0.2
1013900	Soil	13	30	0.73	108	0.085	3	1.51	0.016	0.07	0.1	0.11	2.1	0.1	0.09	5	<0.5	<0.2
1013876	Soil	60	41	0.79	231	0.102	3	1.84	0.016	0.21	<0.1	0.08	4.0	0.2	0.10	5	<0.5	<0.2
1013896	Soil	38	34	0.63	140	0.089	3	1.47	0.013	0.15	0.1	0.13	2.8	0.1	0.06	5	<0.5	<0.2
1013960	Soil	8	25	0.60	131	0.087	2	1.26	0.012	0.09	0.2	0.03	2.3	<0.1	<0.05	4	<0.5	<0.2
1013961	Soil	9	30	0.89	174	0.109	2	1.65	0.015	0.13	0.2	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1013956	Soil	8	26	0.48	112	0.072	2	1.37	0.008	0.06	0.1	0.05	1.9	<0.1	0.06	5	<0.5	<0.2
1013883	Soil	7	23	0.36	112	0.083	1	1.01	0.009	0.06	0.1	0.08	1.6	<0.1	0.05	6	<0.5	<0.2
1013897	Soil	11	29	0.73	110	0.099	<1	1.33	0.011	0.18	0.1	0.04	1.8	0.1	<0.05	5	<0.5	<0.2
1013899	Soil	14	30	0.60	80	0.098	2	1.54	0.010	0.12	0.1	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1013879	Soil	19	28	0.75	266	0.075	2	1.40	0.015	0.11	0.2	0.05	2.7	0.1	<0.05	5	<0.5	<0.2
1013898	Soil	18	32	0.79	129	0.113	2	1.55	0.014	0.21	0.2	0.04	2.2	0.1	<0.05	5	<0.5	<0.2
1013895	Soil	22	33	0.63	134	0.086	1	1.78	0.008	0.12	0.1	0.04	2.6	0.1	<0.05	5	<0.5	<0.2
1013885	Soil	9	42	0.86	205	0.071	1	1.78	0.014	0.07	0.1	0.05	3.5	<0.1	<0.05	5	<0.5	<0.2
1015018	Soil	5	15	0.52	106	0.105	1	1.67	0.006	0.34	<0.1	<0.01	1.5	0.2	<0.05	4	<0.5	<0.2
1015019	Soil	7	24	0.54	141	0.062	<1	1.62	0.007	0.07	<0.1	0.02	1.6	<0.1	<0.05	4	<0.5	<0.2
1015020	Soil	8	23	0.36	172	0.021	<1	1.86	0.006	0.07	<0.1	0.02	2.5	<0.1	<0.05	4	<0.5	<0.2
1013881	Soil	10	29	0.74	124	0.125	<1	1.36	0.011	0.18	0.1	0.05	1.7	0.1	<0.05	6	<0.5	<0.2
1013878	Soil	14	36	0.84	131	0.125	1	1.40	0.013	0.26	0.1	0.04	2.0	0.2	<0.05	5	<0.5	<0.2
1013877	Soil	11	48	0.83	95	0.151	1	1.53	0.011	0.26	0.1	0.05	1.8	0.2	<0.05	6	<0.5	<0.2
1013882	Soil	18	38	0.95	161	0.120	1	1.62	0.013	0.28	0.1	0.04	2.3	0.2	<0.05	5	<0.5	<0.2
1013880	Soil	8	27	0.68	83	0.097	1	1.15	0.011	0.12	0.2	0.03	1.8	<0.1	<0.05	4	<0.5	<0.2
1013952	Soil	9	27	0.63	121	0.071	1	1.75	0.011	0.08	0.1	0.06	2.9	<0.1	<0.05	5	<0.5	<0.2
1013959	Soil	8	26	0.62	116	0.074	<1	1.52	0.010	0.06	0.2	0.04	2.2	<0.1	<0.05	4	<0.5	<0.2
1013953	Soil	11	29	0.65	150	0.099	1	1.54	0.013	0.14	<0.1	0.03	3.2	<0.1	<0.05	4	<0.5	<0.2
1013954	Soil	8	25	0.54	105	0.076	2	1.53	0.009	0.08	0.1	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
1013955	Soil	8	28	0.57	107	0.070	<1	1.53	0.009	0.07	0.2	0.04	2.6	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
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CERTIFICATE OF ANALYSIS WHI11000435.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015009	Soil	0.7	23.1	6.4	47	<0.1	19.8	10.4	214	3.01	7.5	0.5	0.5	3.0	17	<0.1	0.3	0.1	66	0.21	0.043
1015027	Soil	0.7	13.8	7.3	37	<0.1	14.6	8.3	203	2.26	5.5	0.4	<0.5	2.9	18	<0.1	0.3	0.1	55	0.19	0.014
1015029	Soil	0.4	49.5	1.3	77	<0.1	43.9	25.9	624	4.27	1.3	0.2	<0.5	0.9	25	<0.1	<0.1	<0.1	93	0.57	0.157
1015028	Soil	0.5	44.4	2.4	72	<0.1	39.4	23.9	576	4.10	<0.5	0.2	2.3	1.1	24	<0.1	0.1	<0.1	86	0.52	0.141
1015024	Soil	1.0	11.8	6.3	32	<0.1	8.3	4.8	151	1.60	3.5	0.5	1.1	8.6	8	<0.1	0.4	<0.1	26	0.08	0.015
1015013	Soil	0.6	23.7	5.6	58	<0.1	27.9	14.0	325	3.25	6.7	0.3	0.7	2.4	21	<0.1	0.3	0.1	63	0.37	0.120
1015015	Soil	1.4	11.9	8.4	53	<0.1	16.1	8.5	370	3.08	8.7	0.3	1.5	2.7	11	<0.1	0.4	0.2	58	0.15	0.032
1015016	Soil	0.8	16.2	5.8	47	<0.1	18.9	10.0	295	2.83	8.0	0.4	1.2	3.8	14	<0.1	0.4	0.1	53	0.15	0.015
1015017	Soil	0.9	17.7	8.9	36	0.1	14.6	6.3	172	2.58	7.5	0.5	1.7	4.7	13	<0.1	0.4	0.2	55	0.17	0.022
1015012	Soil	0.2	108.2	1.2	19	<0.1	42.1	12.3	157	1.48	1.9	<0.1	<0.5	0.4	10	<0.1	<0.1	<0.1	51	0.26	0.025
1015004	Soil	0.4	100.1	2.6	52	<0.1	30.6	19.2	433	3.61	2.7	0.2	<0.5	1.7	26	<0.1	<0.1	0.1	78	1.10	0.393
1015008	Soil	0.4	64.2	1.3	69	<0.1	43.7	25.3	588	4.67	1.7	0.5	<0.5	2.6	19	<0.1	<0.1	<0.1	101	0.68	0.210
1015006	Soil	0.7	39.2	5.3	53	<0.1	23.2	12.1	309	3.37	7.6	0.5	1.2	3.6	16	<0.1	0.3	0.1	71	0.31	0.057
1015003	Soil	0.6	20.1	4.9	59	<0.1	14.3	14.8	522	4.00	7.7	0.9	1.2	6.7	9	<0.1	0.7	<0.1	58	0.20	0.025
1015001	Soil	0.8	11.3	7.6	53	<0.1	9.0	20.4	598	6.66	2.9	0.8	<0.5	6.8	15	<0.1	0.2	<0.1	130	0.54	0.063
1031566	Soil	1.1	22.0	7.4	64	<0.1	18.4	9.8	318	3.52	8.9	0.5	2.7	1.6	15	0.2	0.4	0.1	74	0.22	0.046
1031564	Soil	1.0	28.7	8.0	56	<0.1	21.2	10.4	354	3.19	10.0	0.7	3.6	3.1	15	<0.1	0.4	0.2	62	0.20	0.045
1031565	Soil	1.1	51.7	8.4	62	0.1	24.1	11.5	374	3.31	9.6	1.0	3.1	2.3	17	<0.1	0.5	0.2	67	0.25	0.049
1031562	Soil	1.0	23.2	7.9	51	<0.1	19.0	8.7	278	2.92	8.7	0.6	3.6	2.6	14	<0.1	0.4	0.2	62	0.17	0.033
1031557	Soil	0.8	23.6	7.0	55	<0.1	22.8	12.9	346	3.19	8.0	0.6	0.7	2.4	14	0.1	0.4	0.1	65	0.18	0.040
1015005	Soil	0.9	44.9	5.1	51	<0.1	25.8	12.8	315	3.36	6.3	0.5	2.0	3.8	17	<0.1	0.3	0.1	70	0.36	0.075
1015002	Soil	0.7	19.2	5.2	67	<0.1	15.6	14.8	502	4.24	7.9	0.4	<0.5	4.2	11	<0.1	0.4	<0.1	82	0.17	0.020
1015010	Soil	0.3	57.1	2.3	65	<0.1	39.8	22.3	433	4.25	2.8	0.2	<0.5	1.5	29	<0.1	0.1	<0.1	89	0.60	0.150
1015011	Soil	0.1	119.0	1.2	19	<0.1	45.7	13.0	162	1.54	1.8	<0.1	0.8	0.3	11	<0.1	<0.1	<0.1	55	0.29	0.024
1015014	Soil	0.4	27.1	5.3	50	<0.1	19.6	11.1	330	3.07	7.4	0.6	2.6	3.9	29	<0.1	0.4	<0.1	62	0.39	0.049
1015025	Soil	3.9	26.2	9.5	48	<0.1	10.8	8.4	247	3.27	1.6	2.0	1.3	18.8	12	<0.1	0.3	<0.1	28	0.17	0.024
1015026	Soil	0.9	14.2	5.7	40	<0.1	10.3	6.3	243	1.98	5.5	0.5	1.7	4.8	14	<0.1	0.3	<0.1	36	0.15	0.015
1015021	Soil	0.6	16.0	6.4	43	<0.1	18.0	10.0	266	2.82	7.6	0.5	1.4	3.6	16	<0.1	0.3	<0.1	52	0.18	0.021
1015022	Soil	1.1	16.1	6.9	34	<0.1	9.3	7.9	200	2.18	3.5	1.0	9.4	9.4	17	<0.1	0.3	<0.1	33	0.20	0.014
1015023	Soil	0.9	12.3	6.3	34	<0.1	14.5	10.0	179	2.60	6.9	0.6	1.8	6.7	14	<0.1	0.4	0.1	47	0.15	0.015

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Project: PED
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CERTIFICATE OF ANALYSIS WHI11000435.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015009	Soil	9	41	0.75	201	0.087	1	1.91	0.010	0.11	<0.1	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1015027	Soil	8	28	0.43	246	0.049	<1	1.54	0.008	0.04	<0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1015029	Soil	9	100	3.12	334	0.240	<1	3.52	0.008	0.67	<0.1	<0.01	1.6	0.3	<0.05	6	<0.5	<0.2
1015028	Soil	8	95	2.72	321	0.211	<1	3.30	0.010	0.59	<0.1	<0.01	1.7	0.2	<0.05	6	<0.5	<0.2
1015024	Soil	5	15	0.20	96	0.022	<1	0.89	0.005	0.04	<0.1	<0.01	1.4	<0.1	<0.05	2	<0.5	<0.2
1015013	Soil	5	65	1.17	213	0.106	2	1.92	0.008	0.18	0.1	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1015015	Soil	6	29	0.44	228	0.055	2	1.55	0.006	0.05	0.2	0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
1015016	Soil	7	36	0.72	165	0.099	<1	1.81	0.008	0.13	<0.1	0.01	1.6	0.1	<0.05	4	<0.5	<0.2
1015017	Soil	10	27	0.39	223	0.048	2	1.50	0.007	0.04	0.1	<0.01	1.9	<0.1	<0.05	5	<0.5	<0.2
1015012	Soil	1	58	1.01	114	0.092	1	1.11	0.012	0.11	<0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1015004	Soil	4	87	1.91	198	0.150	1	2.27	0.027	0.66	<0.1	<0.01	2.2	0.1	<0.05	6	<0.5	<0.2
1015008	Soil	11	101	2.53	487	0.241	1	2.76	0.013	1.49	<0.1	<0.01	3.0	0.3	<0.05	6	<0.5	<0.2
1015006	Soil	18	45	1.06	257	0.144	1	1.95	0.010	0.26	0.1	<0.01	2.0	0.1	<0.05	5	<0.5	<0.2
1015003	Soil	10	20	0.50	176	0.039	<1	1.09	0.004	0.14	<0.1	0.02	5.4	<0.1	<0.05	3	<0.5	<0.2
1015001	Soil	18	15	0.94	244	0.046	1	1.90	0.005	0.22	<0.1	0.01	10.9	0.1	<0.05	7	<0.5	<0.2
1031566	Soil	8	31	0.61	224	0.069	1	1.64	0.008	0.07	0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
1031564	Soil	11	32	0.61	205	0.062	1	1.93	0.008	0.05	0.2	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1031565	Soil	14	36	0.64	328	0.059	2	2.08	0.009	0.06	0.1	0.04	4.4	0.1	<0.05	6	<0.5	<0.2
1031562	Soil	10	31	0.56	212	0.061	2	1.72	0.008	0.05	0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1031557	Soil	9	34	0.67	203	0.089	1	1.95	0.008	0.08	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1015005	Soil	29	52	1.22	299	0.148	2	2.04	0.010	0.33	0.1	0.01	1.9	0.1	<0.05	5	<0.5	<0.2
1015002	Soil	6	24	1.06	210	0.195	<1	2.22	0.008	0.63	<0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1015010	Soil	6	129	2.33	320	0.251	1	3.09	0.019	0.51	<0.1	<0.01	1.8	0.1	<0.05	7	<0.5	<0.2
1015011	Soil	<1	63	1.15	114	0.098	<1	1.19	0.015	0.12	<0.1	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2
1015014	Soil	13	33	0.79	285	0.114	2	1.57	0.014	0.07	0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1015025	Soil	25	13	0.21	344	0.007	1	0.95	0.005	0.06	<0.1	0.03	3.1	<0.1	<0.05	2	<0.5	<0.2
1015026	Soil	5	18	0.49	156	0.053	2	1.45	0.008	0.06	<0.1	0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1015021	Soil	7	29	0.56	199	0.085	1	1.81	0.007	0.08	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1015022	Soil	20	17	0.36	134	0.018	<1	1.52	0.006	0.06	0.2	0.01	2.7	<0.1	<0.05	4	<0.5	<0.2
1015023	Soil	9	25	0.42	156	0.048	<1	1.52	0.006	0.06	0.5	0.01	2.0	<0.1	<0.05	4	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031552	Soil		0.8	15.5	8.1	41	<0.1	14.0	6.5	152	2.56	7.6	0.5	2.3	1.3	16	<0.1	0.3	0.1	53	0.18	0.056
1031567	Soil		0.6	30.0	3.1	70	<0.1	35.0	21.9	426	4.09	4.9	0.2	0.8	1.1	17	0.1	0.2	<0.1	90	0.27	0.043
1031568	Soil		0.7	22.9	5.8	45	<0.1	22.4	10.3	304	2.63	6.6	0.5	1.9	2.8	18	<0.1	0.4	<0.1	55	0.25	0.048
1031581	Soil		1.2	14.7	7.9	43	0.2	16.6	8.0	232	3.05	8.6	0.4	2.2	2.7	13	0.1	0.4	0.1	63	0.17	0.032
1031579	Soil		0.6	24.0	7.1	51	<0.1	24.7	8.6	254	2.81	7.9	0.6	2.0	4.6	19	<0.1	0.5	0.1	63	0.26	0.033
1031555	Soil		1.1	20.3	6.3	42	<0.1	16.4	8.1	205	2.91	8.0	0.4	2.6	1.7	13	<0.1	0.4	0.1	77	0.14	0.026
1031553	Soil		0.8	13.4	7.9	38	<0.1	13.5	7.4	181	2.46	7.0	0.4	2.1	0.8	15	0.1	0.3	0.1	61	0.16	0.045
1031551	Soil		0.7	26.1	6.5	61	<0.1	27.8	12.6	393	3.20	7.6	0.7	2.4	4.7	19	<0.1	0.5	<0.1	66	0.21	0.027
1031554	Soil		1.0	23.6	8.5	51	<0.1	21.2	10.3	258	3.25	9.2	0.8	1.3	3.7	14	<0.1	0.4	0.3	63	0.16	0.044
1031569	Soil		0.7	23.0	7.7	41	<0.1	16.9	8.0	209	2.62	7.5	0.7	1.7	1.0	19	<0.1	0.3	0.2	56	0.23	0.055
1031558	Soil		0.9	29.1	7.3	63	<0.1	27.8	12.6	333	3.42	10.2	0.6	3.9	3.0	15	0.2	0.4	0.2	73	0.19	0.048
1031560	Soil		0.9	38.4	7.4	57	<0.1	27.2	12.4	395	3.19	10.5	0.7	10.3	2.7	20	0.2	0.5	0.1	64	0.25	0.063
1031559	Soil		0.7	18.6	6.9	45	<0.1	17.7	8.5	234	2.49	7.1	0.5	2.3	1.5	14	<0.1	0.4	0.1	56	0.17	0.050
1031561	Soil		0.9	15.3	7.8	42	<0.1	14.2	7.7	232	2.68	6.9	0.3	3.8	1.2	14	<0.1	0.4	0.2	68	0.17	0.040
1031556	Soil		0.9	22.6	7.7	51	<0.1	20.1	10.5	264	3.28	8.2	0.5	3.5	2.2	13	<0.1	0.4	0.1	70	0.19	0.045
1031574	Soil		0.6	19.3	6.4	44	<0.1	19.0	9.0	243	2.47	6.8	0.5	5.2	3.0	15	<0.1	0.3	0.1	54	0.19	0.033
1012769	Soil		0.8	9.8	6.5	53	<0.1	16.1	12.0	584	2.80	6.0	0.3	4.3	2.0	18	0.2	0.4	<0.1	63	0.26	0.040
1012770	Soil		1.0	52.6	17.1	59	<0.1	199.8	27.4	426	4.70	5.9	2.3	3.1	15.9	21	<0.1	0.5	0.2	103	0.56	0.038
1012760	Soil		0.5	39.3	7.0	81	<0.1	3.3	7.7	629	3.06	1.0	0.7	1.8	10.3	9	0.5	0.1	<0.1	25	0.18	0.048
1012776	Soil		0.6	6.5	4.1	51	<0.1	4.6	10.9	560	3.28	1.6	0.5	1.4	7.1	15	<0.1	0.2	<0.1	47	0.37	0.053
1031575	Soil		0.9	25.4	7.2	52	<0.1	28.2	11.1	443	2.75	9.1	1.0	2.6	4.8	21	0.1	0.5	0.1	55	0.29	0.058
1031573	Soil		1.2	20.7	6.4	46	<0.1	19.6	8.8	210	2.83	7.7	0.4	4.1	1.7	17	<0.1	0.4	0.1	60	0.23	0.038
1031570	Soil		0.7	24.8	7.3	57	<0.1	24.5	14.2	347	3.06	8.1	0.7	4.1	3.9	22	<0.1	0.5	0.1	64	0.25	0.043
1031571	Soil		0.7	53.1	5.4	66	<0.1	25.3	20.5	630	4.30	6.0	1.2	4.7	4.5	62	<0.1	0.3	0.1	106	0.57	0.073
1031572	Soil		1.4	19.0	8.1	51	0.1	20.5	9.7	247	3.47	10.4	0.4	3.6	2.4	15	<0.1	0.5	0.1	71	0.18	0.039
1031578	Soil		0.7	29.7	4.9	53	<0.1	23.2	12.4	485	3.07	6.9	0.9	4.9	5.0	23	<0.1	0.5	<0.1	59	0.34	0.053
1031576	Soil		1.1	24.6	8.0	54	<0.1	25.1	11.2	315	2.94	11.8	1.0	3.4	5.4	17	<0.1	0.6	0.1	60	0.18	0.027
1031563	Soil		0.8	34.1	7.1	53	<0.1	23.1	12.3	365	3.34	8.8	0.8	5.2	3.3	23	<0.1	0.3	0.1	74	0.29	0.056
1031580	Soil		1.0	16.4	7.0	50	0.1	18.8	10.3	333	2.86	7.6	0.4	3.5	2.4	19	0.2	0.4	<0.1	64	0.27	0.035
1031577	Soil		0.9	23.3	6.9	46	<0.1	33.8	11.8	621	2.81	7.7	1.0	2.9	5.7	19	<0.1	0.3	0.1	63	0.26	0.034

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031552	Soil	9	26	0.46	176	0.053	<1	1.58	0.007	0.05	0.2	0.04	2.1	<0.1	<0.05	5	<0.5	<0.2
1031567	Soil	3	34	1.82	239	0.266	2	3.01	0.010	0.39	<0.1	0.01	1.1	0.1	<0.05	7	<0.5	<0.2
1031568	Soil	10	29	0.69	221	0.085	<1	1.48	0.009	0.07	0.2	0.02	2.4	<0.1	<0.05	4	<0.5	<0.2
1031581	Soil	9	30	0.49	174	0.067	1	1.79	0.006	0.05	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
1031579	Soil	12	34	0.58	232	0.080	2	1.81	0.009	0.05	0.1	0.03	2.8	<0.1	<0.05	5	<0.5	<0.2
1031555	Soil	6	27	0.59	125	0.119	<1	1.58	0.009	0.05	0.1	0.03	1.9	<0.1	<0.05	6	<0.5	<0.2
1031553	Soil	8	24	0.44	135	0.060	2	1.42	0.008	0.05	0.1	0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
1031551	Soil	15	37	0.85	236	0.137	<1	2.05	0.010	0.13	<0.1	0.02	3.9	0.1	<0.05	5	<0.5	<0.2
1031554	Soil	10	35	0.59	179	0.072	2	2.06	0.008	0.06	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1031569	Soil	12	26	0.48	220	0.055	2	1.52	0.008	0.05	0.1	0.05	2.2	<0.1	<0.05	5	<0.5	<0.2
1031558	Soil	8	38	0.77	214	0.086	2	2.26	0.008	0.10	0.2	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1031560	Soil	11	35	0.71	309	0.066	2	2.01	0.009	0.09	0.2	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1031559	Soil	7	27	0.58	148	0.067	4	1.63	0.007	0.06	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1031561	Soil	6	25	0.54	148	0.068	2	1.41	0.007	0.05	0.1	0.01	1.7	<0.1	<0.05	6	<0.5	<0.2
1031556	Soil	7	31	0.70	161	0.091	1	2.00	0.007	0.10	0.2	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
1031574	Soil	10	30	0.56	162	0.067	<1	1.53	0.007	0.04	0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1012769	Soil	6	25	0.55	302	0.069	2	1.52	0.010	0.11	0.1	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
1012770	Soil	10	190	2.72	235	0.197	<1	2.70	0.007	0.04	0.5	0.01	6.8	<0.1	<0.05	10	<0.5	<0.2
1012760	Soil	5	8	0.56	123	0.006	<1	1.48	0.005	0.12	<0.1	<0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
1012776	Soil	15	11	1.04	192	0.199	<1	2.09	0.005	0.57	<0.1	<0.01	1.2	0.3	<0.05	7	<0.5	<0.2
1031575	Soil	20	32	0.60	304	0.074	1	1.61	0.010	0.06	0.2	0.03	5.8	<0.1	<0.05	4	<0.5	<0.2
1031573	Soil	8	29	0.57	185	0.055	<1	1.77	0.007	0.04	0.2	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1031570	Soil	10	33	0.76	234	0.075	2	2.00	0.009	0.06	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1031571	Soil	19	28	1.37	317	0.132	<1	2.21	0.015	0.08	<0.1	0.01	8.0	0.1	<0.05	7	0.6	<0.2
1031572	Soil	8	33	0.54	194	0.063	2	1.99	0.007	0.04	0.2	0.03	2.7	<0.1	<0.05	6	<0.5	<0.2
1031578	Soil	18	27	0.84	319	0.125	2	1.57	0.011	0.23	0.2	0.02	4.6	0.1	<0.05	5	<0.5	<0.2
1031576	Soil	12	36	0.61	180	0.075	2	1.94	0.009	0.06	0.1	0.03	4.5	<0.1	<0.05	5	0.7	<0.2
1031563	Soil	12	30	0.82	300	0.084	2	2.11	0.010	0.06	0.1	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
1031580	Soil	7	27	0.65	227	0.102	<1	1.66	0.009	0.09	0.2	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1031577	Soil	18	46	0.87	259	0.071	2	1.94	0.009	0.05	0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012765	Soil		0.8	9.5	11.8	88	<0.1	22.4	13.0	456	2.66	3.2	0.2	2.0	1.1	29	0.4	0.3	<0.1	59	0.44	0.035
1012767	Soil		0.8	56.2	6.2	87	<0.1	15.7	17.6	845	4.47	6.4	0.4	1.9	2.4	22	0.2	0.3	<0.1	91	0.49	0.055
1012766	Soil		1.2	17.8	17.3	165	<0.1	19.3	20.6	777	4.65	3.7	0.8	1.3	5.9	25	0.4	0.2	<0.1	89	0.41	0.024
1012753	Soil		1.1	13.1	8.1	48	<0.1	14.5	9.1	308	3.49	8.7	0.6	5.3	5.2	15	<0.1	0.5	0.1	67	0.19	0.031
1012752	Soil		0.6	20.6	6.4	54	<0.1	16.3	11.3	359	2.99	6.2	1.1	7.4	6.4	18	<0.1	0.3	<0.1	59	0.21	0.027
1012755	Soil		0.8	17.2	6.8	59	<0.1	17.9	11.2	347	3.21	7.2	0.6	3.1	3.9	23	<0.1	0.4	<0.1	68	0.27	0.040
1012754	Soil		0.5	15.7	5.3	62	<0.1	20.9	15.6	499	3.46	5.6	0.6	2.6	3.6	24	<0.1	0.3	<0.1	77	0.32	0.032
1012768	Soil		0.4	12.2	3.3	62	<0.1	43.2	17.8	474	3.42	3.6	0.2	3.0	1.8	20	<0.1	0.2	<0.1	73	0.35	0.047
1012763	Soil		0.5	11.9	6.7	77	<0.1	14.8	21.6	834	5.01	2.8	0.6	1.6	6.0	30	0.1	0.2	<0.1	110	0.46	0.056
1012764	Soil		0.9	26.7	8.8	127	0.1	20.6	16.9	1117	3.63	3.8	0.6	2.1	4.3	17	0.3	0.3	<0.1	68	0.29	0.027
1012759	Soil		1.1	11.9	8.1	60	<0.1	12.2	9.9	482	3.43	8.3	0.4	2.2	3.3	14	<0.1	0.3	0.1	73	0.11	0.043
1012762	Soil		0.4	17.0	3.3	81	<0.1	10.4	27.9	814	5.96	1.9	0.5	2.6	6.9	18	0.1	0.2	<0.1	165	0.41	0.058
1012758	Soil		0.9	19.8	7.5	62	<0.1	21.0	11.6	351	3.34	8.7	0.5	1.9	5.6	20	<0.1	0.5	<0.1	71	0.19	0.015
1012757	Soil		0.7	11.4	5.3	66	<0.1	9.8	9.5	419	2.92	4.0	0.5	1.3	4.7	57	<0.1	0.2	<0.1	53	0.25	0.026
1012756	Soil		0.6	17.0	5.3	75	<0.1	23.7	21.2	686	5.28	4.7	0.4	4.1	4.1	15	<0.1	0.2	<0.1	122	0.20	0.026
1012785	Soil		0.4	24.4	7.5	40	<0.1	17.4	7.3	396	2.19	6.2	1.0	2.5	7.5	23	<0.1	0.5	<0.1	43	0.29	0.050
1012775	Soil		0.9	8.5	4.8	95	<0.1	20.8	15.5	2589	2.93	3.0	0.4	0.5	1.7	19	0.1	0.3	0.1	54	0.29	0.121
1012779	Soil		0.9	10.1	6.1	67	<0.1	15.6	12.6	779	3.05	6.3	0.4	0.6	2.1	23	<0.1	0.4	0.1	69	0.41	0.072
1012780	Soil		0.6	23.5	5.0	43	<0.1	14.9	12.6	477	2.66	4.1	0.4	1.5	3.0	35	<0.1	0.5	<0.1	66	0.31	0.016
1012781	Soil		0.9	15.7	7.5	47	<0.1	11.2	8.0	346	2.52	6.4	0.4	2.1	2.8	14	<0.1	0.3	0.1	70	0.18	0.078
1012784	Soil		0.7	17.9	7.5	41	<0.1	16.7	9.9	275	2.44	6.5	0.9	1.9	8.8	19	<0.1	0.4	0.1	47	0.22	0.030
1012761	Soil		0.6	9.7	11.1	73	<0.1	22.0	14.3	989	2.60	2.2	0.4	<0.5	7.7	54	0.1	0.1	0.1	61	0.29	0.025
1012777	Soil		0.6	35.0	7.8	80	<0.1	21.1	14.6	573	4.92	43.0	1.5	1.9	6.4	15	<0.1	0.9	<0.1	84	0.28	0.084
1012778	Soil		0.7	8.3	5.0	60	<0.1	21.5	13.6	542	3.33	3.0	0.4	<0.5	4.4	15	<0.1	0.2	<0.1	61	0.17	0.016
1012783	Soil		0.6	11.6	5.4	48	<0.1	18.1	8.3	255	2.68	5.8	0.2	1.2	1.9	12	<0.1	0.2	<0.1	49	0.16	0.061
1012751	Soil		0.2	9.1	2.3	81	<0.1	43.1	21.1	462	3.97	2.4	0.3	<0.5	4.0	32	<0.1	0.1	<0.1	93	0.53	0.061
1012774	Soil		0.8	42.4	3.4	90	<0.1	7.9	19.4	468	4.54	3.8	0.3	<0.5	0.8	13	<0.1	0.2	<0.1	118	0.29	0.053
1012773	Soil		0.6	81.0	1.9	109	<0.1	9.4	13.4	666	5.87	2.5	0.6	<0.5	1.8	18	<0.1	0.1	<0.1	126	0.54	0.174
1012771	Soil		0.8	21.7	4.7	69	<0.1	69.3	19.0	566	4.42	2.9	1.0	0.6	10.1	13	<0.1	0.2	<0.1	84	0.23	0.047
1012772	Soil		0.8	19.9	4.8	66	<0.1	69.2	18.1	524	4.17	3.0	1.0	<0.5	9.5	13	<0.1	0.2	<0.1	80	0.23	0.044

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000435.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012765	Soil	3	53	0.99	243	0.129	2	1.64	0.014	0.23	<0.1	0.02	1.7	<0.1	<0.05	5	<0.5	<0.2
1012767	Soil	4	23	1.35	206	0.112	1	2.09	0.018	0.11	0.2	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1012766	Soil	9	55	1.93	236	0.177	<1	2.90	0.007	0.93	<0.1	<0.01	2.8	0.3	<0.05	8	<0.5	<0.2
1012753	Soil	9	28	0.64	209	0.105	1	2.12	0.007	0.21	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1012752	Soil	20	26	0.71	198	0.136	2	1.93	0.009	0.25	0.1	0.02	3.4	0.2	<0.05	6	0.7	<0.2
1012755	Soil	11	32	0.90	246	0.135	1	1.93	0.009	0.14	0.1	0.02	2.6	0.1	<0.05	6	<0.5	<0.2
1012754	Soil	13	44	1.45	327	0.196	<1	2.18	0.009	0.49	0.1	0.01	2.6	0.2	<0.05	6	<0.5	<0.2
1012768	Soil	5	114	1.58	205	0.186	2	2.17	0.010	0.45	0.1	<0.01	1.7	0.2	<0.05	5	<0.5	<0.2
1012763	Soil	10	23	1.96	350	0.326	2	2.79	0.010	1.03	0.1	<0.01	3.1	0.3	<0.05	9	<0.5	<0.2
1012764	Soil	7	39	0.99	346	0.165	1	2.02	0.011	0.56	0.1	0.01	2.4	0.2	<0.05	6	<0.5	<0.2
1012759	Soil	7	26	0.74	158	0.140	1	1.74	0.007	0.15	0.2	<0.01	1.7	<0.1	<0.05	7	<0.5	<0.2
1012762	Soil	45	16	2.16	335	0.279	1	2.91	0.012	1.13	0.1	0.01	6.0	0.4	<0.05	8	<0.5	<0.2
1012758	Soil	10	39	0.84	192	0.144	2	2.20	0.008	0.15	0.1	0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1012757	Soil	8	22	0.98	215	0.162	1	2.16	0.007	0.41	0.1	<0.01	1.7	0.2	<0.05	7	<0.5	<0.2
1012756	Soil	5	72	2.21	381	0.323	<1	3.55	0.010	0.95	0.1	<0.01	2.8	0.3	<0.05	10	<0.5	<0.2
1012785	Soil	19	24	0.41	221	0.035	2	1.13	0.009	0.06	<0.1	0.04	4.8	<0.1	<0.05	3	<0.5	<0.2
1012775	Soil	4	46	1.08	433	0.126	3	1.70	0.008	0.47	<0.1	0.02	1.7	0.2	<0.05	6	<0.5	<0.2
1012779	Soil	6	34	0.74	195	0.104	<1	1.76	0.012	0.16	0.1	0.03	2.3	<0.1	<0.05	7	<0.5	<0.2
1012780	Soil	8	29	0.71	195	0.098	<1	1.90	0.010	0.03	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1012781	Soil	8	25	0.62	166	0.092	<1	1.63	0.007	0.07	0.1	0.01	2.3	0.1	<0.05	7	<0.5	<0.2
1012784	Soil	19	28	0.45	211	0.045	<1	1.79	0.011	0.07	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1012761	Soil	4	65	1.28	272	0.160	<1	1.78	0.009	0.56	0.1	0.01	1.9	0.2	<0.05	6	<0.5	<0.2
1012777	Soil	16	32	0.44	303	0.037	1	1.31	0.004	0.09	<0.1	0.06	10.3	0.2	<0.05	4	<0.5	<0.2
1012778	Soil	6	43	1.50	136	0.185	1	2.42	0.006	0.67	<0.1	<0.01	1.3	0.3	<0.05	6	<0.5	<0.2
1012783	Soil	5	30	0.57	201	0.100	1	1.70	0.006	0.19	0.1	0.01	1.4	<0.1	<0.05	6	<0.5	<0.2
1012751	Soil	17	188	2.42	279	0.242	<1	3.07	0.009	0.18	<0.1	<0.01	2.7	<0.1	<0.05	9	<0.5	<0.2
1012774	Soil	2	11	1.30	239	0.219	<1	2.29	0.014	0.69	<0.1	0.01	1.9	0.3	<0.05	7	<0.5	<0.2
1012773	Soil	3	15	2.05	391	0.260	1	2.98	0.007	1.32	<0.1	<0.01	1.1	0.4	<0.05	8	<0.5	<0.2
1012771	Soil	23	176	1.96	213	0.087	<1	2.67	0.005	0.33	<0.1	<0.01	6.5	0.2	<0.05	9	<0.5	<0.2
1012772	Soil	20	170	1.89	204	0.085	1	2.56	0.005	0.32	<0.1	0.01	6.3	0.2	<0.05	9	<0.5	<0.2

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Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000435.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010121	Soil		0.6	15.8	21.4	47	<0.1	16.4	7.2	456	2.13	5.7	7.8	3.7	16.6	20	<0.1	0.3	0.5	44	0.31	0.042
1010120	Soil		0.5	18.3	17.7	48	<0.1	17.0	6.7	450	2.06	5.8	5.6	1.1	16.5	20	<0.1	0.4	0.3	45	0.33	0.038
1010129	Soil		0.6	18.0	34.5	52	<0.1	21.4	9.4	586	2.26	5.8	6.6	1.9	23.4	23	<0.1	0.4	0.8	53	0.34	0.057
1010104	Soil		0.9	10.6	33.9	48	0.2	9.6	5.0	498	2.02	3.7	3.5	0.9	26.2	10	<0.1	0.4	6.8	40	0.13	0.026
1010102	Soil		0.6	20.4	29.8	63	<0.1	20.6	9.7	719	2.52	7.0	3.7	1.4	40.1	23	<0.1	0.5	3.0	52	0.38	0.056
1010113	Soil		1.3	29.0	38.3	57	0.3	18.2	10.1	1071	2.52	6.0	28.3	1.6	25.0	30	0.4	0.4	4.8	56	0.45	0.048
1010119	Soil		1.0	20.4	14.7	49	0.1	18.0	11.1	724	2.22	6.4	8.3	1.4	8.8	22	0.2	0.3	1.7	50	0.35	0.088
1010114	Soil		0.9	12.4	18.0	41	0.1	12.9	5.9	266	2.08	6.2	4.9	1.1	7.1	16	0.2	0.3	1.2	49	0.21	0.047
1010105	Soil		0.8	10.6	39.3	36	<0.1	5.6	3.7	564	1.10	2.7	9.2	<0.5	36.8	5	0.3	0.5	2.5	17	0.08	0.021
1010123	Soil		0.7	13.0	27.2	52	<0.1	15.0	7.9	532	2.07	5.9	2.9	0.9	14.5	19	0.2	0.4	0.5	44	0.31	0.037
1012782	Soil		0.6	26.3	4.9	45	<0.1	15.7	12.6	295	3.27	4.3	0.4	<0.5	2.3	14	<0.1	0.3	<0.1	71	0.21	0.040
1010112	Soil		1.2	14.3	15.8	45	<0.1	16.2	8.8	392	2.30	7.9	2.2	<0.5	7.8	14	0.1	0.3	1.5	51	0.18	0.031
1010118	Soil		0.7	30.4	22.1	58	0.4	18.1	7.6	651	2.05	5.0	11.7	2.5	15.8	27	0.5	0.4	4.7	42	0.47	0.070
1010127	Soil		0.7	16.2	20.6	41	0.2	14.5	6.9	392	1.88	4.6	7.2	1.2	10.7	19	0.5	0.3	0.5	41	0.32	0.038
1010111	Soil		1.0	14.3	18.7	45	<0.1	12.0	7.2	528	2.00	5.1	4.8	0.5	22.6	17	0.2	0.4	1.9	41	0.26	0.046
1010122	Soil		1.1	20.1	23.1	47	0.1	15.0	7.0	472	2.20	6.3	5.2	16.7	14.3	18	0.1	0.3	3.2	51	0.24	0.027
1010115	Soil		1.2	15.6	15.0	50	0.1	14.0	8.7	747	2.24	6.6	5.1	1.6	8.6	14	0.2	0.3	2.3	50	0.21	0.057
1010130	Soil		1.1	27.1	27.4	51	0.2	16.7	10.8	820	2.46	6.1	8.9	1.6	24.1	20	0.2	0.3	4.2	54	0.31	0.034
1010109	Soil		1.4	7.5	19.2	28	<0.1	8.4	4.3	407	1.20	3.6	325.0	1.2	16.7	16	0.1	0.2	1.8	24	0.24	0.021
1010108	Soil		1.4	7.1	18.3	27	<0.1	7.5	4.1	399	1.08	3.0	326.3	1.7	18.2	16	<0.1	0.2	1.8	21	0.24	0.021
1010101	Soil		0.6	12.5	17.2	42	<0.1	15.3	6.3	494	2.20	7.1	1.9	1.8	7.0	17	0.1	0.4	1.6	48	0.27	0.034
1010128	Soil		0.6	16.9	19.0	54	0.2	17.1	8.7	442	2.64	6.3	8.5	3.7	18.0	18	0.1	0.3	0.4	54	0.26	0.046
1010126	Soil		1.4	14.4	17.6	56	0.1	15.7	6.6	367	2.62	5.4	2.7	1.8	9.7	19	0.1	0.3	4.1	59	0.33	0.040
1010124	Soil		1.7	32.3	25.3	57	0.2	18.1	10.0	540	3.03	8.5	9.2	1.3	20.0	20	0.2	0.5	4.2	65	0.28	0.028
1010125	Soil		1.1	15.5	21.2	51	0.1	14.7	8.5	477	2.68	7.0	4.2	2.7	13.2	16	0.2	0.3	4.4	56	0.23	0.062
1010138	Soil		0.8	20.9	15.9	62	<0.1	25.2	8.9	638	2.98	7.2	2.1	1.0	13.5	26	0.2	0.5	0.4	55	0.41	0.191
1010135	Soil		0.8	15.2	17.9	56	<0.1	23.9	9.3	517	3.08	8.1	3.3	5.1	25.1	23	<0.1	0.5	0.4	61	0.33	0.040
1010136	Soil		0.8	11.0	21.0	57	<0.1	19.6	10.1	815	2.89	6.2	1.8	1.1	11.2	24	0.2	0.4	1.7	56	0.35	0.039
1010103	Soil		1.0	28.7	22.5	59	<0.1	26.7	10.0	504	3.06	12.1	1.8	1.9	16.4	20	0.2	0.6	2.9	62	0.24	0.030
1010139	Soil		0.7	12.0	24.0	69	<0.1	16.5	7.9	713	2.87	4.3	3.8	1.6	21.1	12	0.1	0.4	0.6	54	0.16	0.037

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010121	Soil	23	23	0.40	198	0.053	<1	1.49	0.009	0.04	0.2	0.03	3.6	0.2	<0.05	4	<0.5	<0.2
1010120	Soil	20	25	0.43	185	0.061	<1	1.34	0.010	0.04	0.2	0.03	3.9	0.1	<0.05	4	<0.5	<0.2
1010129	Soil	25	43	0.49	184	0.080	<1	1.40	0.009	0.06	0.2	0.02	4.9	0.3	<0.05	5	<0.5	<0.2
1010104	Soil	8	15	0.28	89	0.034	<1	1.40	0.006	0.08	0.8	0.02	2.6	0.3	<0.05	6	<0.5	<0.2
1010102	Soil	20	29	0.57	132	0.085	1	1.45	0.014	0.15	0.7	0.02	4.9	0.3	<0.05	6	<0.5	<0.2
1010113	Soil	52	29	0.44	230	0.070	<1	1.84	0.010	0.07	0.6	0.05	5.4	0.3	<0.05	6	0.5	<0.2
1010119	Soil	15	24	0.45	201	0.065	<1	1.39	0.009	0.08	0.2	0.03	3.0	0.2	<0.05	5	0.7	<0.2
1010114	Soil	12	21	0.38	143	0.058	2	1.28	0.007	0.05	0.2	0.02	2.3	0.2	<0.05	5	<0.5	<0.2
1010105	Soil	11	8	0.14	81	0.012	<1	0.82	0.004	0.07	1.1	<0.01	2.0	0.2	<0.05	3	<0.5	<0.2
1010123	Soil	14	22	0.40	153	0.062	2	1.29	0.011	0.06	0.2	0.02	2.7	0.1	<0.05	4	<0.5	<0.2
1012782	Soil	8	30	0.91	356	0.080	2	1.87	0.007	0.21	<0.1	0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1010112	Soil	12	25	0.40	139	0.063	1	1.43	0.008	0.08	0.2	0.02	2.6	0.1	<0.05	4	<0.5	<0.2
1010118	Soil	18	22	0.48	192	0.077	3	1.22	0.018	0.11	0.2	0.03	3.7	0.4	<0.05	5	<0.5	<0.2
1010127	Soil	20	22	0.37	217	0.052	2	1.32	0.011	0.03	0.2	0.02	3.1	0.1	<0.05	4	<0.5	<0.2
1010111	Soil	22	21	0.38	135	0.042	2	1.10	0.007	0.05	0.4	0.02	3.0	0.1	<0.05	4	<0.5	<0.2
1010122	Soil	21	23	0.43	169	0.060	2	1.47	0.007	0.05	0.2	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1010115	Soil	13	22	0.40	158	0.055	<1	1.31	0.006	0.05	0.2	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1010130	Soil	25	28	0.47	191	0.073	2	1.75	0.010	0.05	0.2	0.03	4.1	0.3	<0.05	6	<0.5	<0.2
1010109	Soil	13	13	0.25	105	0.030	<1	0.85	0.006	0.05	0.3	0.01	2.2	0.2	<0.05	3	<0.5	<0.2
1010108	Soil	12	12	0.21	89	0.027	1	0.74	0.005	0.05	0.3	0.01	2.1	0.2	<0.05	3	<0.5	<0.2
1010101	Soil	6	21	0.42	169	0.043	1	1.18	0.007	0.06	0.5	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
1010128	Soil	23	27	0.51	204	0.060	2	1.70	0.009	0.04	0.2	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1010126	Soil	7	25	0.56	89	0.091	2	1.42	0.010	0.06	0.2	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1010124	Soil	34	31	0.52	229	0.074	2	1.84	0.008	0.05	0.2	0.02	4.3	0.3	<0.05	6	<0.5	<0.2
1010125	Soil	15	25	0.47	145	0.072	2	1.44	0.008	0.07	0.2	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1010138	Soil	11	31	0.60	440	0.075	2	1.78	0.009	0.13	0.3	0.02	3.3	0.2	<0.05	6	0.5	<0.2
1010135	Soil	16	34	0.51	180	0.080	1	1.88	0.009	0.13	0.2	0.02	4.9	0.3	<0.05	6	<0.5	<0.2
1010136	Soil	9	27	0.47	246	0.065	1	1.54	0.008	0.11	0.3	0.02	2.5	0.2	<0.05	5	<0.5	<0.2
1010103	Soil	10	33	0.59	207	0.061	2	1.98	0.008	0.07	0.5	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1010139	Soil	11	25	0.42	161	0.070	2	1.72	0.007	0.07	0.4	0.02	3.4	0.3	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 03, 2011

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011056	Soil	1.3	33.0	7.5	55	<0.1	20.9	10.3	288	3.28	7.9	0.8	3.5	2.7	15	0.1	0.4	<0.1	61	0.22	0.050
1011063	Soil	1.2	52.4	17.6	178	0.2	16.4	12.7	542	3.92	6.4	0.8	5.0	4.0	14	0.3	0.3	0.2	69	0.23	0.047
1011060	Soil	0.9	17.0	7.8	49	<0.1	18.8	9.6	271	3.50	7.1	0.4	2.0	2.0	17	0.2	0.4	<0.1	64	0.25	0.035
1011054	Soil	1.2	35.9	8.5	67	0.2	20.9	10.2	381	3.25	9.9	0.8	2.0	1.7	17	0.2	0.5	0.3	66	0.24	0.055
1011062	Soil	1.7	69.8	53.8	270	0.2	16.3	15.7	727	5.11	6.7	0.5	2.5	2.7	13	0.8	0.3	0.2	87	0.21	0.049
1011055	Soil	0.9	27.2	5.7	54	<0.1	19.3	9.2	258	2.92	5.7	0.6	2.6	2.1	17	0.1	0.3	<0.1	55	0.25	0.051
1011061	Soil	1.8	40.5	76.0	128	0.2	14.1	6.6	286	3.42	8.7	0.7	3.1	0.8	10	0.3	0.4	0.3	62	0.10	0.034
1011058	Soil	5.4	131.7	8.8	90	0.2	34.6	17.2	618	4.67	22.1	2.3	2.8	1.6	16	0.4	0.6	0.5	122	0.14	0.082
1011057	Soil	1.6	36.6	5.2	56	<0.1	20.2	12.1	371	3.35	7.1	0.6	1.2	2.6	24	0.1	0.4	<0.1	70	0.38	0.077
1011059	Soil	0.8	30.0	4.8	76	0.1	13.2	13.6	631	4.74	6.3	0.3	1.4	0.8	10	0.1	0.3	<0.1	97	0.17	0.030
1010107	Soil	1.0	15.5	17.3	44	<0.1	20.3	9.6	563	2.68	7.7	2.9	1.2	11.5	25	0.1	0.4	1.4	58	0.26	0.016
1010106	Soil	1.2	25.8	26.9	54	<0.1	19.8	8.5	486	2.72	6.5	2.9	1.4	22.1	24	<0.1	0.4	3.3	56	0.34	0.021
1010117	Soil	0.8	25.9	26.2	61	0.2	17.3	8.2	592	2.62	4.7	15.2	0.7	20.7	25	0.2	0.3	4.9	51	0.41	0.068
1010116	Soil	0.9	18.9	18.7	56	0.2	17.6	7.6	508	2.78	6.5	5.6	1.4	12.0	24	0.1	0.4	3.3	55	0.34	0.052
1010110	Soil	1.8	21.8	30.0	49	<0.1	14.4	7.0	525	2.18	5.5	3.6	4.0	17.9	14	0.1	0.5	5.6	45	0.19	0.038
1011073	Soil	0.6	26.7	4.8	57	<0.1	19.1	11.7	303	3.17	5.5	0.3	2.0	1.2	15	0.1	0.3	<0.1	60	0.25	0.062
1011080	Soil	0.8	29.3	7.2	50	<0.1	21.5	11.2	338	2.87	7.0	1.6	2.9	7.4	16	<0.1	0.4	<0.1	53	0.18	0.037
1011067	Soil	0.8	23.5	7.6	57	0.1	15.7	9.4	221	3.53	6.2	0.6	3.3	2.5	17	0.1	0.3	<0.1	65	0.22	0.051
1011074	Soil	0.7	22.3	6.8	58	<0.1	21.2	11.6	359	3.50	7.7	0.5	1.3	2.1	16	0.1	0.4	<0.1	65	0.22	0.047
1011070	Soil	0.7	33.1	5.4	75	<0.1	35.5	22.1	915	4.91	5.6	0.4	1.1	2.6	19	0.1	0.3	<0.1	87	0.22	0.046
1011069	Soil	0.9	23.2	6.6	53	<0.1	20.6	11.5	283	3.19	7.5	0.5	1.3	2.6	19	<0.1	0.4	<0.1	62	0.23	0.034
1011081	Soil	0.9	25.7	6.6	59	<0.1	23.2	10.8	270	3.17	6.5	1.1	1.2	5.9	17	<0.1	0.4	<0.1	58	0.22	0.047
1011082	Soil	0.9	25.4	6.8	58	<0.1	24.0	10.5	281	3.22	6.9	1.2	3.8	5.9	18	<0.1	0.3	<0.1	58	0.23	0.050
1011071	Soil	0.7	19.2	5.3	54	<0.1	21.4	11.3	373	3.22	5.3	0.5	1.1	2.2	19	<0.1	0.3	<0.1	65	0.21	0.037
1011072	Soil	0.9	22.1	7.6	59	0.1	21.4	11.9	380	3.25	5.2	0.5	10.5	3.2	17	<0.1	0.5	0.6	56	0.27	0.048
1011064	Soil	1.0	23.0	11.8	97	0.1	14.0	8.0	280	2.66	6.7	0.5	7.9	3.0	17	0.1	0.2	0.2	54	0.23	0.034
1011078	Soil	1.0	263.4	9.5	63	<0.1	32.2	30.5	497	4.41	9.0	1.6	2.6	10.2	16	0.1	0.4	0.2	72	0.23	0.038
1011077	Soil	0.7	23.1	5.9	48	<0.1	14.2	9.3	222	2.56	5.4	1.0	3.0	6.7	16	0.2	0.3	0.1	53	0.22	0.059
1011068	Soil	0.6	51.5	6.8	89	0.1	20.6	17.7	499	4.29	6.2	0.7	6.2	3.9	19	<0.1	0.4	0.1	80	0.20	0.033
1011075	Soil	0.8	16.1	6.7	47	<0.1	12.7	6.9	190	2.48	5.2	0.5	1.1	2.3	17	<0.1	0.4	0.1	57	0.21	0.049

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011056	Soil	15	30	0.67	245	0.064	1	2.00	0.008	0.07	0.1	0.03	3.4	0.1	<0.05	5	<0.5	<0.2
1011063	Soil	12	27	0.85	153	0.143	2	1.81	0.008	0.33	0.2	0.03	3.2	0.3	<0.05	6	0.9	<0.2
1011060	Soil	9	31	0.53	124	0.060	2	1.58	0.007	0.05	0.2	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1011054	Soil	12	32	0.58	285	0.053	<1	1.82	0.008	0.07	0.2	0.03	2.9	0.2	<0.05	6	0.6	<0.2
1011062	Soil	12	26	0.92	159	0.161	1	1.87	0.008	0.41	0.1	0.03	3.1	0.4	<0.05	7	1.4	<0.2
1011055	Soil	11	26	0.65	234	0.081	<1	1.67	0.009	0.08	0.2	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1011061	Soil	11	25	0.49	109	0.068	3	1.66	0.006	0.12	0.1	0.04	2.0	0.2	<0.05	6	0.5	<0.2
1011058	Soil	11	41	1.01	159	0.092	1	2.31	0.007	0.19	0.1	0.03	2.4	0.3	0.09	9	<0.5	<0.2
1011057	Soil	10	29	0.78	251	0.115	1	1.61	0.011	0.13	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1011059	Soil	5	19	0.92	174	0.154	1	2.25	0.009	0.25	<0.1	0.03	3.8	0.2	<0.05	7	0.6	<0.2
1010107	Soil	11	31	0.44	238	0.055	<1	1.59	0.009	0.06	0.2	0.01	3.4	0.1	<0.05	5	0.5	<0.2
1010106	Soil	24	27	0.56	173	0.063	<1	1.78	0.011	0.05	0.3	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1010117	Soil	23	27	0.55	180	0.081	<1	1.70	0.014	0.11	0.2	0.03	3.6	0.3	<0.05	5	<0.5	<0.2
1010116	Soil	21	28	0.55	175	0.078	1	1.63	0.010	0.07	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1010110	Soil	18	22	0.37	114	0.052	<1	1.28	0.008	0.06	0.3	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
1011073	Soil	10	28	0.64	102	0.096	2	1.89	0.011	0.07	0.1	0.02	2.2	<0.1	<0.05	5	<0.5	<0.2
1011080	Soil	20	29	0.58	113	0.076	<1	1.76	0.008	0.06	0.1	0.03	2.3	0.1	<0.05	5	<0.5	<0.2
1011067	Soil	10	26	0.63	125	0.109	<1	1.94	0.008	0.08	0.1	0.04	2.5	0.2	<0.05	6	0.6	<0.2
1011074	Soil	11	32	0.69	137	0.092	<1	2.13	0.009	0.07	0.2	0.03	2.5	<0.1	<0.05	6	0.5	<0.2
1011070	Soil	10	50	1.74	191	0.077	2	2.97	0.008	0.13	<0.1	0.03	5.2	0.1	<0.05	8	<0.5	<0.2
1011069	Soil	10	27	0.63	213	0.075	1	1.87	0.009	0.06	0.1	0.03	2.5	<0.1	<0.05	5	<0.5	<0.2
1011081	Soil	16	37	0.72	125	0.099	<1	1.90	0.009	0.10	0.1	0.04	2.3	0.2	<0.05	6	0.6	<0.2
1011082	Soil	17	37	0.72	130	0.099	2	1.92	0.009	0.10	0.2	0.03	2.3	0.2	<0.05	6	0.7	<0.2
1011071	Soil	10	29	0.79	128	0.125	1	1.90	0.009	0.12	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1011072	Soil	11	32	0.78	138	0.095	<1	1.58	0.011	0.08	0.2	0.02	2.4	0.3	<0.05	5	0.6	<0.2
1011064	Soil	8	24	0.65	111	0.098	2	1.40	0.008	0.11	0.1	0.06	2.4	0.2	<0.05	5	<0.5	<0.2
1011078	Soil	21	34	0.84	92	0.081	<1	2.18	0.014	0.08	0.1	0.03	3.9	0.1	<0.05	6	0.9	<0.2
1011077	Soil	17	25	0.55	130	0.102	2	1.53	0.010	0.10	0.2	0.02	2.0	0.1	<0.05	5	<0.5	<0.2
1011068	Soil	13	32	1.02	223	0.155	1	2.31	0.012	0.21	0.1	0.04	4.2	0.2	<0.05	7	<0.5	<0.2
1011075	Soil	10	25	0.50	107	0.084	2	1.57	0.009	0.07	0.2	0.04	2.1	<0.1	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012804	Soil		0.6	15.1	6.0	64	<0.1	12.9	9.3	609	3.06	4.9	0.8	3.7	6.8	39	<0.1	1.1	0.1	43	3.03	0.059
1053984	Soil		0.9	37.5	12.9	82	0.2	28.9	14.5	612	3.60	11.1	2.2	<0.5	9.6	23	<0.1	0.9	0.1	66	0.50	0.046
1053986	Soil		0.5	26.3	7.3	60	<0.1	20.8	10.8	305	2.97	9.0	1.0	4.7	6.6	23	<0.1	0.5	0.1	58	0.25	0.021
1053988	Soil		0.6	24.0	3.7	93	<0.1	9.5	15.2	621	3.83	3.9	1.0	0.9	6.1	26	<0.1	0.2	<0.1	53	0.40	0.069
1012801	Soil		0.8	16.7	4.4	76	<0.1	19.6	15.5	385	3.63	5.9	0.4	<0.5	3.7	28	<0.1	0.3	<0.1	72	0.45	0.062
1053985	Soil		0.7	29.9	9.2	94	0.2	15.9	18.1	728	4.63	4.8	1.7	4.4	7.6	22	0.4	0.5	0.1	80	0.56	0.080
1053989	Soil		0.7	13.2	4.8	70	<0.1	15.4	14.6	664	3.65	3.8	0.3	<0.5	2.7	23	<0.1	0.2	<0.1	64	0.28	0.050
1053990	Soil		0.4	13.8	4.4	76	<0.1	15.5	14.9	584	4.20	4.9	0.4	0.5	5.3	22	<0.1	0.2	<0.1	62	0.38	0.056
1012802	Soil		0.6	18.4	5.6	55	<0.1	18.4	10.1	323	2.99	7.2	0.7	2.7	5.8	22	<0.1	0.4	<0.1	55	0.41	0.048
1012803	Soil		0.5	15.8	6.6	65	<0.1	15.0	10.8	587	3.21	5.8	0.7	3.5	6.3	30	<0.1	1.3	0.1	52	1.97	0.061
1011076	Soil		0.6	24.4	4.7	57	<0.1	19.6	11.3	327	2.61	5.7	0.7	3.2	4.0	22	<0.1	0.4	<0.1	56	0.30	0.051
1011066	Soil		1.5	31.9	7.0	83	<0.1	14.8	11.6	454	4.11	10.6	0.6	4.1	3.5	19	0.2	0.3	0.1	75	0.18	0.051
1011065	Soil		1.2	49.0	18.4	155	0.1	26.3	14.1	601	4.62	9.5	0.7	0.7	4.3	18	0.2	0.3	0.2	77	0.25	0.060
1011079	Soil		0.8	36.1	7.1	60	<0.1	25.7	15.0	316	3.09	8.1	0.9	2.0	9.4	20	<0.1	0.5	0.1	61	0.27	0.031
1053987	Soil		0.4	26.9	3.6	91	<0.1	8.5	15.8	734	4.14	3.3	0.6	<0.5	6.6	27	<0.1	<0.1	<0.1	52	0.46	0.085
1012820	Soil		1.4	11.0	7.7	36	<0.1	14.7	8.8	211	2.65	6.1	0.5	1.3	5.9	19	<0.1	0.4	0.1	53	0.32	0.015
1012821	Soil		0.8	22.0	6.7	43	<0.1	18.5	10.1	1026	2.26	3.5	0.7	0.8	6.7	30	0.2	0.3	0.1	40	0.55	0.033
1012822	Soil		0.7	49.7	4.4	55	<0.1	66.8	17.3	373	3.06	5.0	0.4	0.8	3.6	26	<0.1	0.3	<0.1	69	0.65	0.047
1012823	Soil		0.4	149.8	4.7	32	0.1	56.2	23.2	364	2.81	7.2	0.2	2.5	1.9	23	<0.1	0.3	<0.1	90	0.71	0.018
1012824	Soil		1.5	15.9	6.7	47	<0.1	38.5	11.1	569	2.52	4.6	0.4	2.6	5.8	24	<0.1	0.3	<0.1	51	0.45	0.027
1012814	Soil		0.7	27.8	3.8	48	<0.1	23.7	19.8	454	3.75	4.9	0.4	2.4	2.3	19	<0.1	0.2	<0.1	83	0.40	0.090
1012813	Soil		1.0	27.0	3.9	59	<0.1	19.6	15.6	459	3.59	5.1	0.9	1.9	9.9	16	<0.1	0.3	<0.1	82	0.33	0.048
1012812	Soil		0.2	12.4	2.4	33	<0.1	15.6	13.0	407	3.71	3.9	0.4	<0.5	2.8	29	<0.1	0.2	<0.1	58	0.51	0.128
1012818	Soil		0.8	16.2	5.4	45	<0.1	22.4	12.2	337	3.24	6.3	0.5	21.2	3.6	17	<0.1	0.7	<0.1	75	0.23	0.034
1012819	Soil		0.5	23.1	4.5	44	<0.1	15.7	12.6	432	3.11	5.3	0.4	2.2	4.1	20	<0.1	0.4	<0.1	70	0.39	0.049
1012805	Soil		0.4	36.3	6.3	57	<0.1	22.0	8.3	500	2.52	6.5	0.8	3.0	6.1	39	<0.1	0.5	<0.1	43	1.67	0.032
1012810	Soil		0.5	56.3	5.0	81	0.2	25.7	20.0	735	4.65	6.2	1.0	5.6	4.1	31	<0.1	0.3	<0.1	96	0.70	0.107
1012816	Soil		0.4	21.4	2.9	71	<0.1	17.7	15.0	778	3.63	3.5	0.4	1.4	4.0	25	<0.1	0.1	0.1	67	0.50	0.123
1012817	Soil		0.5	15.2	4.1	55	<0.1	29.7	16.9	507	3.64	6.3	0.4	1.1	3.6	33	<0.1	0.3	<0.1	81	0.43	0.061
1012815	Soil		0.5	14.6	2.6	48	<0.1	30.9	19.6	517	3.43	4.1	0.5	3.7	3.4	16	<0.1	0.2	<0.1	74	0.35	0.078

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000435.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012804	Soil	27	18	0.68	472	0.092	2	1.31	0.013	0.30	<0.1	0.08	6.4	0.2	<0.05	5	<0.5	<0.2
1053984	Soil	45	36	0.84	365	0.092	2	1.60	0.014	0.32	0.1	0.12	8.6	0.4	<0.05	5	0.5	<0.2
1053986	Soil	18	31	0.61	175	0.096	1	1.64	0.014	0.14	0.1	0.04	4.7	0.1	<0.05	5	<0.5	<0.2
1053988	Soil	9	13	1.09	225	0.179	<1	1.90	0.007	0.47	0.1	0.02	2.1	0.2	<0.05	7	<0.5	<0.2
1012801	Soil	8	31	1.25	301	0.191	<1	2.20	0.012	0.45	0.2	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1053985	Soil	35	30	1.30	415	0.156	<1	2.13	0.013	0.83	0.1	0.05	6.7	0.3	<0.05	7	<0.5	<0.2
1053989	Soil	5	33	0.92	390	0.180	<1	2.03	0.010	0.48	0.1	0.02	1.8	0.2	<0.05	7	<0.5	<0.2
1053990	Soil	8	25	1.11	337	0.236	<1	2.34	0.008	0.87	0.2	0.02	2.5	0.3	<0.05	7	<0.5	<0.2
1012802	Soil	15	25	0.74	256	0.104	<1	1.58	0.014	0.23	0.2	0.04	4.3	0.1	<0.05	5	<0.5	<0.2
1012803	Soil	26	22	0.69	479	0.109	<1	1.50	0.013	0.32	0.1	0.09	6.8	0.2	<0.05	6	<0.5	<0.2
1011076	Soil	13	28	0.66	132	0.107	1	1.53	0.014	0.11	0.2	0.03	2.7	0.1	<0.05	4	<0.5	<0.2
1011066	Soil	11	24	0.85	175	0.165	<1	2.12	0.012	0.26	0.1	0.04	2.6	0.3	<0.05	7	<0.5	<0.2
1011065	Soil	10	45	1.09	147	0.138	2	2.18	0.009	0.19	0.1	0.03	3.1	0.3	<0.05	7	<0.5	<0.2
1011079	Soil	18	31	0.68	126	0.101	1	1.87	0.015	0.08	0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1053987	Soil	10	11	1.14	218	0.175	<1	1.91	0.008	0.39	<0.1	0.02	2.1	<0.1	<0.05	7	<0.5	<0.2
1012820	Soil	13	26	0.44	142	0.080	2	1.53	0.012	0.30	<0.1	0.02	3.8	<0.1	<0.05	4	<0.5	<0.2
1012821	Soil	13	40	0.52	519	0.061	<1	1.73	0.012	0.23	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1012822	Soil	10	135	1.31	201	0.118	2	2.05	0.012	0.53	<0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1012823	Soil	6	143	1.30	200	0.109	3	1.83	0.011	0.28	<0.1	0.03	9.7	<0.1	<0.05	5	<0.5	<0.2
1012824	Soil	10	70	0.74	319	0.088	2	1.85	0.014	0.26	<0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1012814	Soil	7	46	1.26	243	0.182	<1	2.17	0.014	0.58	0.1	0.02	2.6	0.2	<0.05	6	<0.5	<0.2
1012813	Soil	18	23	1.06	197	0.197	<1	1.87	0.019	0.67	0.1	0.02	4.9	0.3	<0.05	7	<0.5	<0.2
1012812	Soil	7	25	0.99	182	0.125	<1	1.71	0.012	0.33	<0.1	<0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1012818	Soil	14	39	0.94	207	0.154	1	1.92	0.012	0.42	<0.1	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1012819	Soil	13	23	0.81	279	0.119	<1	1.56	0.017	0.51	0.1	0.04	4.2	0.1	<0.05	5	<0.5	<0.2
1012805	Soil	30	23	0.51	313	0.062	1	1.23	0.020	0.14	0.1	0.05	4.7	<0.1	<0.05	4	<0.5	<0.2
1012810	Soil	14	35	1.63	444	0.233	1	2.55	0.017	0.97	0.1	0.07	4.2	0.4	<0.05	8	<0.5	<0.2
1012816	Soil	6	41	1.35	412	0.205	<1	2.16	0.011	1.17	0.1	0.03	2.6	0.5	<0.05	7	<0.5	<0.2
1012817	Soil	7	68	1.47	296	0.199	<1	2.13	0.012	0.97	<0.1	<0.01	4.4	0.4	<0.05	8	<0.5	<0.2
1012815	Soil	8	51	1.72	334	0.170	1	2.26	0.012	1.03	<0.1	0.02	4.6	0.3	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000435.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012727	Soil		1.1	12.0	23.7	55	0.1	15.9	9.0	1120	2.36	4.8	0.9	<0.5	17.9	28	0.1	0.4	1.2	52	0.47	0.012
1012724	Soil		0.8	21.7	20.9	55	0.1	24.5	11.2	608	2.75	9.0	2.3	2.6	17.6	28	<0.1	0.4	0.7	62	0.43	0.030
1012723	Soil		0.8	9.3	29.8	55	<0.1	12.4	6.8	734	2.07	4.3	3.3	1.0	23.3	19	<0.1	0.4	1.3	43	0.26	0.034
1012725	Soil		1.1	14.0	17.8	49	0.1	18.2	10.2	1005	2.46	5.7	1.7	2.4	10.7	22	<0.1	0.4	0.8	55	0.31	0.025
1011990	Soil		1.1	17.7	23.2	66	<0.1	23.6	10.5	522	2.97	8.7	2.6	0.9	25.8	20	0.1	0.5	0.5	63	0.23	0.032
1011991	Soil		1.1	16.9	23.8	68	<0.1	22.8	10.3	602	2.90	8.6	2.8	<0.5	27.8	20	0.1	0.5	0.5	64	0.25	0.035
1012737	Soil		1.1	17.2	37.7	65	0.1	18.0	9.5	1156	2.52	6.7	4.7	<0.5	24.6	27	0.1	0.5	3.6	55	0.42	0.033
1012750	Soil		1.2	14.5	15.8	63	<0.1	20.8	11.7	727	3.02	7.4	1.5	1.4	12.9	27	<0.1	0.5	0.3	65	0.37	0.036
1012748	Soil		1.1	13.2	20.3	63	<0.1	18.2	9.4	1421	2.52	7.2	1.8	<0.5	11.4	20	0.2	0.5	0.3	55	0.21	0.036
1012749	Soil		0.9	9.3	21.3	51	<0.1	13.7	7.4	643	2.13	4.6	2.2	0.6	17.0	18	<0.1	0.4	0.3	47	0.24	0.016
1012807	Soil		1.0	34.1	6.9	70	<0.1	30.0	14.6	433	3.68	7.7	0.8	2.5	6.3	23	<0.1	0.4	0.1	79	0.36	0.025
1012806	Soil		1.0	19.2	8.9	67	<0.1	17.9	8.7	520	3.05	6.8	1.2	4.2	7.6	20	<0.1	0.7	0.1	44	0.46	0.019
1012808	Soil		0.7	25.5	6.2	71	<0.1	24.8	15.1	508	3.82	9.2	0.5	1.5	5.2	27	<0.1	0.5	<0.1	80	0.41	0.036
1012809	Soil		0.6	9.7	3.5	63	<0.1	13.5	18.5	698	4.24	3.3	0.4	1.2	2.6	21	<0.1	0.2	<0.1	94	0.38	0.059
1012811	Soil		0.7	27.9	4.3	74	<0.1	21.4	15.6	463	3.90	3.7	0.4	2.6	3.0	30	<0.1	0.2	<0.1	81	0.58	0.090
1012746	Soil		1.2	14.2	21.7	55	0.1	20.8	11.7	1467	2.81	4.8	1.4	0.7	18.4	38	0.1	0.3	0.3	65	0.52	0.025
1012721	Soil		0.9	14.0	12.6	54	<0.1	20.5	10.3	1040	2.59	6.9	1.1	<0.5	7.7	27	0.1	0.4	0.5	59	0.33	0.036
1012726	Soil		1.2	10.9	25.0	45	<0.1	15.0	8.6	811	2.24	4.4	3.1	1.6	14.8	22	<0.1	0.4	1.2	52	0.31	0.018
1012731	Soil		0.9	16.9	21.9	57	<0.1	20.4	10.7	816	2.58	7.4	6.5	2.7	19.5	33	0.1	0.4	1.4	58	0.56	0.025
1012722	Soil		0.8	14.6	22.8	55	<0.1	20.1	9.8	913	2.60	6.6	3.1	1.2	22.1	23	<0.1	0.4	0.9	56	0.27	0.023
1012733	Soil		1.0	12.7	26.1	60	<0.1	13.9	8.1	834	2.27	4.1	2.8	<0.5	17.6	21	<0.1	0.4	2.2	52	0.33	0.031
1012730	Soil		0.8	15.4	37.4	58	<0.1	16.5	9.6	1233	2.43	4.4	4.3	1.5	23.9	27	<0.1	0.4	2.0	53	0.41	0.028
1012736	Soil		0.7	11.9	48.8	58	<0.1	12.4	7.1	972	2.13	4.3	6.6	<0.5	37.1	21	<0.1	0.4	2.9	43	0.28	0.029
1012738	Soil		1.0	21.2	14.6	60	0.2	24.5	12.1	808	2.90	9.2	2.3	2.9	13.0	36	<0.1	0.5	0.5	64	0.44	0.037
1012741	Soil		0.7	16.8	20.2	81	<0.1	20.1	10.9	1475	3.37	6.1	6.1	1.2	92.3	24	0.1	0.4	1.3	74	0.45	0.099
1012747	Soil		1.1	11.4	20.2	68	<0.1	17.1	8.2	650	2.50	7.4	2.2	0.6	14.0	26	<0.1	0.4	0.3	58	0.36	0.037
1012744	Soil		1.2	21.5	21.7	65	0.1	27.3	12.1	1144	3.04	8.4	1.8	1.8	21.6	38	0.1	0.5	0.3	70	0.46	0.028
1012742	Soil		0.7	23.1	19.5	68	<0.1	26.3	9.9	610	2.70	7.2	3.4	2.7	23.7	34	<0.1	0.4	1.0	62	0.55	0.071
1012743	Soil		1.2	14.7	16.3	51	<0.1	18.2	8.2	357	2.76	8.3	1.6	0.5	9.9	21	<0.1	0.5	0.7	66	0.27	0.021
1012729	Soil		0.8	11.8	21.9	49	<0.1	16.2	9.4	695	2.54	5.5	2.2	2.2	14.9	27	<0.1	0.4	1.0	55	0.42	0.018

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012727	Soil	12	27	0.35	322	0.058	2	1.59	0.010	0.13	0.4	0.01	3.8	0.2	<0.05	5	<0.5	<0.2
1012724	Soil	17	36	0.51	231	0.072	2	1.78	0.010	0.11	0.3	0.03	5.1	0.1	<0.05	6	0.7	<0.2
1012723	Soil	13	20	0.33	184	0.031	<1	1.32	0.007	0.21	1.0	<0.01	2.4	0.2	<0.05	5	<0.5	<0.2
1012725	Soil	11	30	0.41	264	0.064	1	1.60	0.011	0.09	0.3	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1011990	Soil	16	36	0.53	172	0.071	1	2.20	0.007	0.11	0.3	0.02	4.3	0.2	<0.05	7	<0.5	<0.2
1011991	Soil	17	36	0.53	160	0.074	2	2.08	0.009	0.11	0.3	0.02	4.7	0.3	<0.05	7	<0.5	<0.2
1012737	Soil	20	30	0.42	259	0.066	2	1.81	0.009	0.13	0.3	0.02	4.6	0.3	<0.05	6	<0.5	<0.2
1012750	Soil	13	38	0.50	224	0.079	2	2.02	0.012	0.12	0.2	0.01	4.6	0.1	<0.05	6	<0.5	<0.2
1012748	Soil	10	28	0.37	243	0.047	1	1.80	0.009	0.11	0.3	0.03	2.6	0.1	<0.05	6	0.5	<0.2
1012749	Soil	12	24	0.32	147	0.036	<1	1.43	0.008	0.09	0.3	<0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1012807	Soil	19	63	0.93	314	0.134	2	2.16	0.015	0.48	0.1	0.01	7.3	0.2	<0.05	8	<0.5	<0.2
1012806	Soil	33	26	0.37	267	0.047	2	1.50	0.011	0.19	0.1	0.03	5.0	0.1	<0.05	5	<0.5	<0.2
1012808	Soil	19	36	0.90	355	0.174	2	2.10	0.015	0.63	0.1	0.02	5.0	0.2	<0.05	7	0.6	<0.2
1012809	Soil	6	24	1.15	405	0.245	2	2.25	0.012	1.00	0.1	<0.01	2.2	0.3	<0.05	7	<0.5	<0.2
1012811	Soil	5	35	1.39	326	0.173	<1	2.09	0.014	0.60	0.1	0.01	2.1	0.2	<0.05	7	<0.5	<0.2
1012746	Soil	13	33	0.41	507	0.069	2	2.02	0.012	0.07	0.2	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1012721	Soil	9	32	0.45	291	0.064	1	1.65	0.009	0.10	0.2	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1012726	Soil	12	25	0.34	280	0.055	1	1.55	0.010	0.07	0.5	<0.01	2.9	0.2	<0.05	5	<0.5	<0.2
1012731	Soil	18	34	0.44	282	0.076	2	1.71	0.012	0.15	0.3	0.02	4.7	0.2	<0.05	5	<0.5	<0.2
1012722	Soil	21	32	0.46	230	0.067	2	1.82	0.009	0.13	0.3	0.02	4.7	0.2	<0.05	6	0.7	<0.2
1012733	Soil	13	26	0.38	280	0.061	3	1.65	0.011	0.09	0.4	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1012730	Soil	16	28	0.39	334	0.068	1	1.61	0.011	0.16	0.3	0.01	4.2	0.2	<0.05	6	<0.5	<0.2
1012736	Soil	24	21	0.33	184	0.039	1	1.57	0.008	0.11	0.9	<0.01	3.4	0.3	<0.05	6	0.5	<0.2
1012738	Soil	17	40	0.51	293	0.087	2	1.86	0.012	0.14	0.2	0.04	5.4	0.1	<0.05	5	0.6	<0.2
1012741	Soil	54	35	0.68	217	0.121	2	1.84	0.013	0.25	0.2	0.02	5.2	0.9	<0.05	8	0.8	<0.2
1012747	Soil	12	30	0.42	240	0.055	2	1.80	0.008	0.10	0.3	<0.01	3.1	0.1	<0.05	6	0.7	<0.2
1012744	Soil	17	40	0.52	433	0.087	2	2.24	0.012	0.08	0.1	0.02	5.2	0.1	<0.05	7	<0.5	<0.2
1012742	Soil	20	34	0.61	205	0.094	3	1.87	0.016	0.11	0.2	0.02	5.2	0.3	<0.05	6	0.5	<0.2
1012743	Soil	13	31	0.45	157	0.075	<1	1.89	0.010	0.07	0.2	0.02	2.7	0.1	<0.05	6	0.7	<0.2
1012729	Soil	12	31	0.40	227	0.067	2	1.76	0.011	0.19	0.3	0.02	4.0	0.1	<0.05	6	1.1	<0.2

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Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000435.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012740	Soil	1.2	10.8	24.1	52	<0.1	14.8	9.0	991	2.38	4.2	2.1	1.7	19.4	25	0.1	0.4	0.9	53	0.37	0.031
1012735	Soil	0.7	8.9	40.6	53	<0.1	10.4	6.8	1011	1.86	4.0	5.2	0.7	31.0	24	<0.1	0.4	1.7	38	0.34	0.029
1012734	Soil	0.6	10.1	38.6	50	<0.1	11.4	6.5	770	2.01	4.7	6.5	0.8	38.4	17	<0.1	0.5	2.0	39	0.25	0.034
1012739	Soil	0.9	9.0	32.3	52	<0.1	11.0	7.3	1429	1.96	2.8	3.0	1.4	18.7	22	0.1	0.3	1.5	42	0.28	0.040
1012732	Soil	1.0	9.5	25.1	46	<0.1	12.9	7.9	579	2.07	4.5	3.1	1.3	19.3	22	<0.1	0.3	1.1	47	0.28	0.028
1012728	Soil	0.9	11.4	13.3	37	<0.1	15.7	8.2	661	2.21	5.6	1.2	1.2	10.0	20	<0.1	0.3	1.0	50	0.30	0.026

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CERTIFICATE OF ANALYSIS WHI11000435.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012740	Soil	14	26	0.38	241	0.065	2	1.57	0.010	0.15	0.2	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1012735	Soil	19	18	0.30	205	0.033	2	1.25	0.007	0.16	0.7	0.02	2.8	0.3	<0.05	5	<0.5	<0.2
1012734	Soil	20	19	0.37	131	0.043	1	1.22	0.008	0.16	0.8	0.02	3.2	0.2	<0.05	5	0.7	<0.2
1012739	Soil	11	18	0.31	261	0.045	2	1.41	0.013	0.10	0.4	0.01	2.6	0.3	<0.05	6	<0.5	<0.2
1012732	Soil	12	25	0.34	189	0.051	1	1.44	0.009	0.10	0.4	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1012728	Soil	11	27	0.31	233	0.055	2	1.41	0.010	0.08	0.2	0.02	3.4	0.1	0.06	4	<0.5	<0.2

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QUALITY CONTROL REPORT WHI11000435.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1013883	Soil	1.0	6.9	8.0	41	<0.1	9.4	5.2	248	1.91	5.0	0.5	3.4	1.0	15	0.2	0.2	0.2	57	0.18	0.056
REP 1013883	QC	1.0	7.6	7.9	43	<0.1	9.7	5.6	266	1.97	5.2	0.5	2.8	0.9	16	0.2	0.3	0.2	58	0.18	0.057
1015028	Soil	0.5	44.4	2.4	72	<0.1	39.4	23.9	576	4.10	<0.5	0.2	2.3	1.1	24	<0.1	0.1	<0.1	86	0.52	0.141
REP 1015028	QC	0.5	43.9	2.5	71	<0.1	38.9	22.9	560	3.98	<0.5	0.2	<0.5	1.1	25	<0.1	0.1	<0.1	86	0.52	0.149
1015001	Soil	0.8	11.3	7.6	53	<0.1	9.0	20.4	598	6.66	2.9	0.8	<0.5	6.8	15	<0.1	0.2	<0.1	130	0.54	0.063
REP 1015001	QC	0.6	10.1	7.6	53	<0.1	9.3	19.3	573	6.42	2.8	0.8	1.0	6.6	14	<0.1	0.2	<0.1	124	0.52	0.060
1015021	Soil	0.6	16.0	6.4	43	<0.1	18.0	10.0	266	2.82	7.6	0.5	1.4	3.6	16	<0.1	0.3	<0.1	52	0.18	0.021
REP 1015021	QC	0.6	16.8	6.5	42	<0.1	17.7	9.7	259	2.74	7.8	0.4	1.2	3.6	16	<0.1	0.3	0.1	52	0.18	0.021
1031574	Soil	0.6	19.3	6.4	44	<0.1	19.0	9.0	243	2.47	6.8	0.5	5.2	3.0	15	<0.1	0.3	0.1	54	0.19	0.033
REP 1031574	QC	0.7	21.3	6.7	45	<0.1	20.0	9.5	246	2.56	6.9	0.5	4.9	3.1	16	<0.1	0.3	<0.1	56	0.21	0.036
1012757	Soil	0.7	11.4	5.3	66	<0.1	9.8	9.5	419	2.92	4.0	0.5	1.3	4.7	57	<0.1	0.2	<0.1	53	0.25	0.026
REP 1012757	QC	0.5	10.8	5.2	68	<0.1	9.9	9.6	424	2.93	3.8	0.5	2.6	4.8	54	<0.1	0.2	<0.1	54	0.24	0.025
1012784	Soil	0.7	17.9	7.5	41	<0.1	16.7	9.9	275	2.44	6.5	0.9	1.9	8.8	19	<0.1	0.4	0.1	47	0.22	0.030
REP 1012784	QC	0.7	17.6	7.5	41	<0.1	16.6	9.7	274	2.41	6.4	0.9	1.8	8.6	19	<0.1	0.4	0.1	46	0.21	0.029
1010109	Soil	1.4	7.5	19.2	28	<0.1	8.4	4.3	407	1.20	3.6	325.0	1.2	16.7	16	0.1	0.2	1.8	24	0.24	0.021
REP 1010109	QC	1.2	7.0	17.1	28	<0.1	8.7	4.4	395	1.16	3.3	315.7	<0.5	16.3	16	<0.1	0.2	1.6	24	0.22	0.021
1011061	Soil	1.8	40.5	76.0	128	0.2	14.1	6.6	286	3.42	8.7	0.7	3.1	0.8	10	0.3	0.4	0.3	62	0.10	0.034
REP 1011061	QC	1.8	42.9	77.6	132	0.2	13.9	6.9	296	3.52	8.9	0.7	2.1	0.8	10	0.3	0.4	0.3	65	0.10	0.034
1010110	Soil	1.8	21.8	30.0	49	<0.1	14.4	7.0	525	2.18	5.5	3.6	4.0	17.9	14	0.1	0.5	5.6	45	0.19	0.038
REP 1010110	QC	1.3	21.0	29.9	47	<0.1	13.5	6.8	538	2.16	5.5	4.0	3.1	18.0	14	<0.1	0.4	6.3	44	0.19	0.035
1012804	Soil	0.6	15.1	6.0	64	<0.1	12.9	9.3	609	3.06	4.9	0.8	3.7	6.8	39	<0.1	1.1	0.1	43	3.03	0.059
REP 1012804	QC	0.6	15.9	6.2	65	<0.1	12.6	9.7	630	3.12	5.1	0.9	2.6	7.1	40	<0.1	1.2	0.2	44	3.14	0.061
1012813	Soil	1.0	27.0	3.9	59	<0.1	19.6	15.6	459	3.59	5.1	0.9	1.9	9.9	16	<0.1	0.3	<0.1	82	0.33	0.048
REP 1012813	QC	1.0	26.6	3.7	59	<0.1	19.8	16.2	457	3.56	4.9	0.9	0.9	10.2	16	<0.1	0.2	<0.1	82	0.31	0.047
1012806	Soil	1.0	19.2	8.9	67	<0.1	17.9	8.7	520	3.05	6.8	1.2	4.2	7.6	20	<0.1	0.7	0.1	44	0.46	0.019
REP 1012806	QC	1.1	18.2	8.9	64	<0.1	16.8	8.4	501	2.94	6.5	1.2	3.3	7.5	20	<0.1	0.6	0.1	42	0.44	0.021
1012734	Soil	0.6	10.1	38.6	50	<0.1	11.4	6.5	770	2.01	4.7	6.5	0.8	38.4	17	<0.1	0.5	2.0	39	0.25	0.034
REP 1012734	QC	0.7	10.2	38.4	49	<0.1	11.0	6.4	742	1.88	4.6	6.4	<0.5	37.0	18	<0.1	0.4	2.0	38	0.25	0.031

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QUALITY CONTROL REPORT WHI11000435.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1013883	Soil	7	23	0.36	112	0.083	1	1.01	0.009	0.06	0.1	0.08	1.6	<0.1	0.05	6	<0.5	<0.2
REP 1013883	QC	7	23	0.36	115	0.084	2	1.04	0.009	0.06	0.1	0.09	1.6	0.1	<0.05	6	<0.5	<0.2
1015028	Soil	8	95	2.72	321	0.211	<1	3.30	0.010	0.59	<0.1	<0.01	1.7	0.2	<0.05	6	<0.5	<0.2
REP 1015028	QC	8	94	2.70	311	0.210	<1	3.28	0.010	0.57	<0.1	<0.01	1.7	0.2	<0.05	6	<0.5	<0.2
1015001	Soil	18	15	0.94	244	0.046	1	1.90	0.005	0.22	<0.1	0.01	10.9	0.1	<0.05	7	<0.5	<0.2
REP 1015001	QC	17	15	0.94	239	0.045	<1	1.88	0.006	0.21	<0.1	<0.01	10.9	0.1	<0.05	7	<0.5	<0.2
1015021	Soil	7	29	0.56	199	0.085	1	1.81	0.007	0.08	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
REP 1015021	QC	7	28	0.57	198	0.087	<1	1.85	0.007	0.07	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1031574	Soil	10	30	0.56	162	0.067	<1	1.53	0.007	0.04	0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
REP 1031574	QC	11	31	0.59	165	0.072	2	1.64	0.008	0.04	0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1012757	Soil	8	22	0.98	215	0.162	1	2.16	0.007	0.41	0.1	<0.01	1.7	0.2	<0.05	7	<0.5	<0.2
REP 1012757	QC	8	22	1.02	212	0.164	<1	2.22	0.007	0.42	<0.1	0.01	1.7	0.2	<0.05	7	<0.5	<0.2
1012784	Soil	19	28	0.45	211	0.045	<1	1.79	0.011	0.07	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
REP 1012784	QC	18	28	0.44	208	0.046	<1	1.77	0.008	0.07	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1010109	Soil	13	13	0.25	105	0.030	<1	0.85	0.006	0.05	0.3	0.01	2.2	0.2	<0.05	3	<0.5	<0.2
REP 1010109	QC	12	12	0.24	98	0.030	<1	0.80	0.005	0.05	0.3	<0.01	2.2	0.1	<0.05	3	<0.5	<0.2
1011061	Soil	11	25	0.49	109	0.068	3	1.66	0.006	0.12	0.1	0.04	2.0	0.2	<0.05	6	0.5	<0.2
REP 1011061	QC	11	25	0.49	102	0.069	1	1.67	0.006	0.12	0.1	0.05	1.8	0.2	<0.05	6	0.6	<0.2
1010110	Soil	18	22	0.37	114	0.052	<1	1.28	0.008	0.06	0.3	0.02	2.2	0.1	<0.05	5	<0.5	<0.2
REP 1010110	QC	18	22	0.38	116	0.052	<1	1.24	0.008	0.06	0.4	0.02	2.3	0.1	<0.05	4	<0.5	<0.2
1012804	Soil	27	18	0.68	472	0.092	2	1.31	0.013	0.30	<0.1	0.08	6.4	0.2	<0.05	5	<0.5	<0.2
REP 1012804	QC	28	17	0.68	505	0.093	1	1.36	0.011	0.31	0.1	0.11	7.0	0.4	<0.05	5	<0.5	<0.2
1012813	Soil	18	23	1.06	197	0.197	<1	1.87	0.019	0.67	0.1	0.02	4.9	0.3	<0.05	7	<0.5	<0.2
REP 1012813	QC	17	23	1.04	200	0.191	<1	1.85	0.018	0.66	0.1	<0.01	4.6	0.2	<0.05	7	<0.5	<0.2
1012806	Soil	33	26	0.37	267	0.047	2	1.50	0.011	0.19	0.1	0.03	5.0	0.1	<0.05	5	<0.5	<0.2
REP 1012806	QC	31	25	0.34	258	0.043	2	1.44	0.011	0.18	<0.1	0.03	4.9	<0.1	<0.05	4	1.3	<0.2
1012734	Soil	20	19	0.37	131	0.043	1	1.22	0.008	0.16	0.8	0.02	3.2	0.2	<0.05	5	0.7	<0.2
REP 1012734	QC	20	18	0.36	123	0.044	1	1.20	0.007	0.16	0.8	0.02	2.9	0.2	<0.05	5	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000435.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1012728	Soil	0.9	11.4	13.3	37	<0.1	15.7	8.2	661	2.21	5.6	1.2	1.2	10.0	20	<0.1	0.3	1.0	50	0.30	0.026
REP 1012728	QC	0.8	11.1	12.9	36	<0.1	15.2	7.9	672	2.18	5.6	1.1	4.4	9.5	20	<0.1	0.3	0.7	50	0.30	0.025
Reference Materials																					
STD DS8	Standard	13.3	101.2	104.3	286	1.7	33.5	6.8	574	2.34	25.9	2.3	106.0	5.9	61	2.0	5.1	5.5	40	0.66	0.074
STD DS8	Standard	13.5	106.6	108.7	299	1.7	37.7	7.5	626	2.46	25.9	2.4	105.1	6.3	63	2.2	5.1	6.0	41	0.69	0.078
STD DS8	Standard	11.2	95.0	109.9	281	1.5	33.5	6.7	537	2.21	23.6	2.3	108.2	5.2	53	1.9	4.6	5.5	37	0.60	0.071
STD DS8	Standard	12.8	98.8	120.6	288	1.8	34.0	7.0	580	2.34	24.8	2.5	122.7	6.4	61	2.2	5.3	6.2	38	0.65	0.078
STD DS8	Standard	13.0	101.8	118.2	291	1.5	35.1	7.2	591	2.36	24.3	2.6	105.4	7.0	63	2.1	5.5	5.9	42	0.67	0.073
STD DS8	Standard	13.1	113.0	122.9	306	1.7	39.7	7.9	611	2.58	25.4	2.6	116.4	6.1	58	2.3	5.3	6.2	42	0.66	0.078
STD DS8	Standard	13.6	113.3	128.3	312	1.8	38.3	7.4	604	2.58	26.0	2.7	140.3	6.4	60	2.3	5.6	6.5	42	0.65	0.074
STD DS8	Standard	12.4	110.0	118.5	304	1.7	37.3	7.1	564	2.55	24.8	2.4	109.3	5.7	52	2.3	5.2	6.1	39	0.62	0.075
STD DS8	Standard	13.0	107.1	111.3	297	1.6	35.7	7.1	568	2.55	24.5	2.5	97.4	6.2	56	2.0	5.0	5.9	41	0.63	0.071
STD DS8	Standard	12.4	97.9	115.6	290	1.7	34.7	7.2	553	2.34	25.6	2.5	106.1	6.0	58	2.1	4.3	6.2	40	0.63	0.076
STD DS8	Standard	12.0	95.2	112.1	275	1.7	34.1	6.8	549	2.21	23.4	2.4	104.2	5.9	55	1.8	4.1	5.9	37	0.62	0.069
STD DS8	Standard	12.6	108.9	116.0	301	1.7	38.5	7.4	582	2.71	23.6	2.4	106.6	5.7	55	2.2	5.0	6.3	41	0.63	0.074
STD DS8	Standard	13.2	103.7	113.2	293	1.7	35.3	7.0	562	2.34	23.5	2.5	101.8	5.9	54	2.2	5.0	6.0	39	0.61	0.069
STD DS8	Standard	13.6	115.5	123.5	333	1.9	39.3	8.0	647	2.55	28.1	2.6	118.4	6.5	64	2.3	5.5	6.6	45	0.71	0.084
STD DS8	Standard	14.4	116.1	126.7	318	1.9	38.2	7.7	649	2.59	27.3	2.8	115.9	7.2	70	2.2	5.4	6.7	45	0.73	0.078
STD DS8	Standard	13.7	116.9	130.5	318	1.8	40.7	8.4	632	2.55	27.2	2.8	109.1	6.5	62	2.4	5.5	6.6	46	0.70	0.078
STD DS8	Standard	13.5	111.3	129.2	302	1.8	38.7	7.8	591	2.40	24.2	2.7	109.9	6.8	62	2.2	5.2	6.5	42	0.67	0.073
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000435.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1012728	Soil	11	27	0.31	233	0.055	2	1.41	0.010	0.08	0.2	0.02	3.4	0.1	0.06	4	<0.5	<0.2
REP 1012728	QC	11	26	0.31	229	0.052	2	1.37	0.010	0.08	0.2	0.03	3.4	<0.1	<0.05	4	0.6	<0.2
Reference Materials																		
STD DS8	Standard	14	112	0.50	264	0.113	3	0.89	0.088	0.39	2.7	0.20	2.2	4.7	0.19	4	5.5	4.8
STD DS8	Standard	15	115	0.52	270	0.108	3	0.90	0.091	0.40	2.7	0.20	1.9	5.1	0.16	4	5.7	4.6
STD DS8	Standard	11	103	0.52	247	0.099	1	0.79	0.061	0.37	2.6	0.17	1.7	4.8	0.15	4	5.4	4.6
STD DS8	Standard	13	108	0.57	261	0.107	3	0.88	0.089	0.39	2.8	0.20	2.7	5.7	0.11	4	5.0	4.8
STD DS8	Standard	15	113	0.59	272	0.117	2	0.90	0.090	0.39	2.9	0.18	2.7	5.3	0.13	5	4.5	5.7
STD DS8	Standard	13	118	0.61	276	0.111	3	0.85	0.064	0.40	3.2	0.21	1.9	5.4	0.18	4	5.4	5.2
STD DS8	Standard	13	117	0.59	289	0.109	3	0.83	0.063	0.39	3.4	0.22	1.7	5.6	0.15	5	5.9	5.4
STD DS8	Standard	12	113	0.59	257	0.102	3	0.84	0.064	0.38	2.9	0.18	1.6	5.1	0.14	4	5.1	5.1
STD DS8	Standard	13	111	0.58	261	0.108	2	0.84	0.065	0.38	2.8	0.19	1.8	5.2	0.16	4	5.3	4.6
STD DS8	Standard	13	110	0.56	260	0.105	2	0.84	0.077	0.38	2.7	0.20	1.8	5.3	0.15	4	4.8	4.8
STD DS8	Standard	12	106	0.55	246	0.098	1	0.79	0.071	0.37	2.6	0.20	1.9	5.1	0.13	4	4.5	4.3
STD DS8	Standard	12	115	0.60	265	0.110	3	0.85	0.065	0.38	3.0	0.18	1.6	5.5	0.12	4	4.8	4.9
STD DS8	Standard	13	114	0.58	264	0.108	<1	0.79	0.064	0.37	3.1	0.18	1.6	5.4	0.07	4	5.3	5.0
STD DS8	Standard	15	125	0.63	281	0.117	3	0.94	0.084	0.43	3.0	0.21	2.1	5.6	0.17	5	5.1	5.2
STD DS8	Standard	16	125	0.63	294	0.128	3	0.94	0.088	0.43	3.2	0.20	2.0	5.3	0.15	5	5.2	5.2
STD DS8	Standard	14	125	0.61	264	0.117	2	0.91	0.087	0.41	3.0	0.20	2.4	5.6	0.22	5	5.8	4.9
STD DS8	Standard	14	118	0.58	261	0.115	2	0.90	0.089	0.39	3.0	0.21	2.3	5.4	0.18	5	5.1	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 20, 2011
Report Date: July 16, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11000440.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 234

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	234	Dry at 60C			VAN
SS80	234	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	234	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013771	Soil		0.8	25.7	14.9	49	<0.1	29.9	10.4	264	2.71	9.8	1.3	<0.5	11.4	19	<0.1	0.5	0.5	69	0.21	0.027
1013770	Soil		0.8	7.6	23.3	31	<0.1	7.0	3.4	124	1.60	4.9	2.3	1.1	19.9	7	<0.1	0.7	2.7	33	0.08	0.021
1013769	Soil		0.9	33.2	25.3	68	<0.1	26.3	11.2	462	2.78	7.7	3.8	0.6	18.0	23	0.1	0.4	2.3	66	0.35	0.070
1013768	Soil		0.8	51.0	18.2	72	<0.1	29.4	11.5	591	3.02	9.0	4.7	0.7	18.3	32	0.1	0.5	1.9	71	0.49	0.080
1013772	Soil		0.8	27.3	16.2	59	<0.1	26.2	10.1	385	2.81	9.5	4.3	3.1	18.0	21	0.1	0.5	0.4	71	0.26	0.025
1013767	Soil		0.7	34.0	17.1	67	<0.1	24.2	10.4	594	2.67	8.1	1.9	3.1	22.1	29	<0.1	0.5	0.9	65	0.39	0.053
1013766	Soil		0.6	27.8	14.7	63	<0.1	25.9	10.7	450	2.72	8.3	2.6	13.2	18.1	20	0.1	0.4	0.7	66	0.30	0.060
1013765	Soil		1.0	24.1	14.2	62	0.2	22.1	11.8	432	2.86	8.7	1.4	1.0	8.8	21	0.1	0.3	0.7	75	0.31	0.061
1013764	Soil		1.1	21.6	15.0	60	0.1	19.0	8.6	437	2.62	7.2	1.9	1.2	10.9	18	0.2	0.3	0.9	68	0.23	0.035
1013763	Soil		1.1	17.9	13.6	54	0.1	18.7	9.7	499	2.83	8.8	1.4	13.3	8.6	16	<0.1	0.4	0.8	78	0.21	0.055
1013762	Soil		1.2	20.9	12.0	51	0.1	20.9	8.0	179	2.82	9.2	1.7	2.3	9.3	13	0.1	0.4	0.4	74	0.17	0.041
1013761	Soil		0.6	30.0	8.0	57	<0.1	27.8	10.2	358	2.57	8.2	1.3	2.5	4.8	28	<0.1	0.5	0.2	63	0.39	0.081
1013760	Soil		0.7	20.4	15.6	58	<0.1	21.6	9.7	369	2.66	6.7	3.0	2.4	14.4	17	<0.1	0.4	0.3	71	0.23	0.030
1013759	Soil		1.3	25.8	16.6	61	<0.1	30.8	11.8	404	3.55	12.0	2.9	5.8	20.0	16	0.2	0.5	0.5	82	0.20	0.034
1013758	Soil		0.7	29.4	10.2	65	<0.1	24.8	11.6	510	2.62	8.2	2.0	1.8	7.9	22	0.1	0.5	0.2	62	0.38	0.108
1013756	Soil		1.0	21.3	16.9	71	0.2	22.7	12.2	1306	2.82	7.7	2.3	2.8	8.8	21	0.2	0.4	0.6	78	0.29	0.082
1013757	Soil		0.6	32.6	10.3	63	<0.1	29.1	11.4	544	2.89	9.4	4.5	3.2	10.7	27	<0.1	0.4	0.2	75	0.41	0.085
1013755	Soil		1.1	19.0	16.2	55	<0.1	21.9	9.6	368	2.62	7.6	3.3	1.7	11.7	22	0.1	0.4	1.4	65	0.35	0.085
1013753	Soil		0.8	16.4	10.9	48	<0.1	23.4	10.0	320	2.90	9.3	2.0	3.3	7.3	15	0.2	0.4	0.3	70	0.22	0.042
1013754	Soil		1.1	17.1	14.2	58	<0.1	18.9	8.5	241	2.88	9.6	5.3	1.9	10.2	15	0.1	0.3	0.6	75	0.21	0.054
1013752	Soil		0.8	23.8	14.9	56	<0.1	23.9	11.2	413	2.80	8.8	3.6	2.3	13.8	18	0.1	0.4	0.3	68	0.23	0.044
1013751	Soil		0.7	24.9	17.2	63	<0.1	24.0	10.8	540	2.96	7.9	4.7	1.7	18.0	22	<0.1	0.4	0.5	72	0.28	0.037
1013580	Soil		1.3	26.7	12.2	57	<0.1	25.3	12.0	420	3.12	10.5	2.6	3.4	10.9	15	<0.1	0.5	0.2	74	0.17	0.052
1013579	Soil		1.1	20.3	25.1	68	<0.1	28.4	11.2	427	2.94	11.1	3.0	3.6	16.8	12	<0.1	0.4	0.5	71	0.12	0.031
1013782	Soil		0.8	11.1	16.8	62	<0.1	19.0	10.8	787	2.55	5.0	2.1	<0.5	13.9	24	<0.1	0.4	0.4	58	0.41	0.037
1013780	Soil		0.7	9.5	33.7	92	<0.1	17.1	12.3	1256	2.86	3.6	5.6	<0.5	52.4	28	<0.1	0.2	0.8	57	0.49	0.075
1013781	Soil		0.9	20.9	19.6	75	0.1	28.0	12.2	625	3.03	8.2	2.5	1.5	21.5	23	0.1	0.5	0.4	69	0.42	0.063
1013779	Soil		0.9	26.4	20.6	70	0.1	29.1	12.5	874	2.94	8.5	4.7	2.5	19.8	28	<0.1	0.5	2.2	70	0.44	0.065
1013778	Soil		1.0	17.3	37.4	78	0.2	27.4	12.5	1679	2.91	7.7	2.2	1.8	6.3	34	0.3	0.5	19.4	71	0.42	0.056
1013775	Soil		0.9	30.2	22.9	58	0.1	30.1	9.8	352	2.93	11.8	2.1	3.1	22.4	17	<0.1	0.5	1.1	72	0.20	0.025

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013771	Soil	13	40	0.48	185	0.076	2	1.95	0.010	0.05	0.2	0.04	3.4	0.1	<0.05	5	<0.5	<0.2
1013770	Soil	6	14	0.14	63	0.013	<1	1.17	0.010	0.06	1.0	0.03	1.7	0.2	<0.05	3	<0.5	<0.2
1013769	Soil	14	36	0.62	206	0.085	1	1.94	0.014	0.07	0.3	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
1013768	Soil	20	42	0.70	225	0.098	2	1.75	0.021	0.07	0.3	0.05	6.0	0.2	<0.05	5	<0.5	<0.2
1013772	Soil	19	43	0.50	204	0.101	<1	1.91	0.012	0.06	0.2	0.04	5.8	<0.1	<0.05	5	<0.5	<0.2
1013767	Soil	25	37	0.52	268	0.086	2	1.64	0.016	0.07	0.4	0.05	6.4	0.2	<0.05	5	<0.5	<0.2
1013766	Soil	20	39	0.50	208	0.081	<1	1.85	0.012	0.05	0.2	0.05	4.5	0.2	<0.05	5	<0.5	<0.2
1013765	Soil	13	37	0.50	193	0.085	1	2.04	0.013	0.06	0.2	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1013764	Soil	11	33	0.44	179	0.075	<1	1.89	0.010	0.05	0.2	0.03	3.2	0.2	<0.05	6	<0.5	<0.2
1013763	Soil	9	34	0.40	140	0.082	1	1.94	0.008	0.05	0.2	0.04	2.8	0.2	<0.05	7	<0.5	<0.2
1013762	Soil	11	38	0.40	151	0.077	<1	2.28	0.010	0.05	0.1	0.04	3.7	0.2	<0.05	6	<0.5	<0.2
1013761	Soil	14	34	0.49	275	0.075	1	1.72	0.014	0.05	0.1	0.04	4.4	0.1	<0.05	5	<0.5	<0.2
1013760	Soil	16	39	0.48	166	0.095	1	2.00	0.011	0.06	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1013759	Soil	10	45	0.57	202	0.088	2	2.84	0.011	0.07	0.1	0.04	3.6	0.2	<0.05	7	<0.5	<0.2
1013758	Soil	14	35	0.52	210	0.081	1	1.69	0.015	0.07	0.1	0.03	3.9	0.2	<0.05	5	<0.5	<0.2
1013756	Soil	14	37	0.46	254	0.075	1	2.20	0.013	0.06	0.1	0.03	3.3	0.2	<0.05	7	<0.5	<0.2
1013757	Soil	21	42	0.65	279	0.092	2	1.93	0.019	0.07	0.2	0.04	5.9	0.1	<0.05	6	<0.5	<0.2
1013755	Soil	14	31	0.48	186	0.080	2	1.66	0.013	0.06	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1013753	Soil	11	32	0.40	120	0.079	2	2.00	0.010	0.05	0.2	0.05	2.7	0.2	<0.05	6	<0.5	<0.2
1013754	Soil	17	33	0.40	135	0.086	2	1.85	0.012	0.05	0.2	0.03	2.9	0.2	<0.05	6	<0.5	<0.2
1013752	Soil	18	38	0.47	182	0.083	<1	2.18	0.010	0.06	<0.1	0.05	4.5	0.2	<0.05	6	<0.5	<0.2
1013751	Soil	21	44	0.52	203	0.100	2	2.10	0.013	0.07	0.1	0.05	5.6	0.2	<0.05	6	<0.5	<0.2
1013580	Soil	15	41	0.48	208	0.066	<1	2.42	0.011	0.05	0.1	0.04	4.6	0.1	<0.05	6	0.8	<0.2
1013579	Soil	10	43	0.44	198	0.072	<1	2.67	0.011	0.07	0.2	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1013782	Soil	13	31	0.36	277	0.079	3	1.53	0.011	0.17	0.2	0.02	3.7	0.2	<0.05	5	<0.5	<0.2
1013780	Soil	15	26	0.46	172	0.090	3	1.92	0.017	0.11	0.2	0.02	4.2	0.2	<0.05	8	<0.5	<0.2
1013781	Soil	22	40	0.52	273	0.101	3	1.90	0.016	0.24	0.2	0.02	5.7	0.2	<0.05	6	<0.5	<0.2
1013779	Soil	15	40	0.72	254	0.110	2	1.91	0.024	0.13	0.3	0.03	5.3	0.2	<0.05	6	<0.5	<0.2
1013778	Soil	10	38	0.38	341	0.062	2	2.31	0.010	0.08	0.3	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1013775	Soil	18	43	0.45	136	0.078	<1	2.16	0.011	0.10	0.3	0.02	5.4	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013777	Soil	0.8	12.8	16.0	40	<0.1	15.8	6.6	311	1.90	6.3	2.1	<0.5	25.0	7	<0.1	0.9	1.3	39	0.08	0.015
1013776	Soil	0.7	32.4	23.5	58	<0.1	32.4	9.6	331	3.01	12.7	2.4	4.8	23.6	16	<0.1	0.5	1.1	72	0.20	0.027
1013773	Soil	1.1	21.3	22.2	60	<0.1	23.2	9.3	534	2.71	8.3	2.3	2.2	21.2	16	0.1	0.5	0.9	64	0.19	0.035
1013774	Soil	1.1	22.2	62.3	58	<0.1	9.9	5.1	866	2.02	6.1	3.5	0.7	28.2	9	0.1	1.8	6.6	40	0.12	0.040
1013635	Soil	0.8	25.9	7.0	63	<0.1	22.2	12.0	344	3.30	6.0	0.5	3.0	2.5	16	<0.1	0.3	0.2	81	0.27	0.076
1013644	Soil	1.6	16.9	18.2	58	0.1	16.8	7.4	382	3.14	13.3	2.1	4.9	4.1	17	0.2	0.5	0.6	79	0.16	0.044
1013625	Soil	1.5	29.0	10.0	70	0.1	22.0	11.7	415	3.62	12.1	1.2	2.7	4.3	23	0.1	0.5	0.2	82	0.30	0.083
1013637	Soil	1.3	21.0	10.1	54	0.1	21.1	9.8	334	3.40	8.0	0.6	2.5	2.2	29	0.2	0.4	0.2	86	0.28	0.062
1013638	Soil	0.9	32.4	6.7	66	<0.1	22.1	12.7	417	3.14	5.9	0.7	8.6	3.9	31	<0.1	0.4	0.8	69	0.33	0.081
1013623	Soil	1.0	30.2	8.0	87	<0.1	21.4	13.8	424	3.43	27.5	1.4	2.7	6.5	31	0.2	1.1	0.2	76	0.41	0.094
1013640	Soil	1.8	35.5	7.4	64	<0.1	21.3	13.3	458	3.51	7.6	1.1	2.1	5.3	23	0.1	0.5	0.4	75	0.28	0.068
1013622	Soil	1.9	36.6	8.0	69	0.1	20.2	13.2	400	3.80	7.9	1.5	2.5	5.2	27	0.2	0.4	0.3	80	0.30	0.065
1013624	Soil	0.9	35.8	6.9	82	<0.1	23.8	13.6	524	3.47	12.9	1.2	2.0	5.7	32	0.1	0.5	0.2	78	0.46	0.085
1013643	Soil	1.2	14.9	15.0	51	<0.1	15.0	6.9	270	2.75	10.1	3.3	1.6	7.6	15	0.2	0.4	0.4	59	0.17	0.050
1013636	Soil	0.9	25.9	9.1	66	<0.1	14.8	11.8	409	3.42	33.0	0.8	3.5	3.2	23	<0.1	1.4	0.2	73	0.38	0.077
1013639	Soil	1.1	19.3	8.7	60	0.1	18.8	11.9	426	3.46	9.2	0.7	1.7	4.1	19	0.1	0.4	0.2	71	0.23	0.058
1013626	Soil	1.2	15.1	24.1	42	0.2	9.0	4.3	236	1.75	4.4	3.3	2.5	2.0	16	0.2	0.3	0.6	52	0.14	0.043
1013647	Soil	1.0	13.7	18.7	57	<0.1	15.9	9.6	491	2.85	9.2	1.7	1.3	6.9	16	0.2	0.4	0.4	63	0.17	0.052
1012605	Soil	1.1	24.0	25.2	66	<0.1	21.2	12.0	780	3.14	11.8	6.9	3.2	20.8	25	0.1	0.5	0.7	68	0.28	0.064
1013632	Soil	0.7	30.2	8.9	60	<0.1	21.7	9.2	351	2.86	8.7	4.4	3.0	6.6	31	0.1	0.4	0.2	64	0.42	0.077
1013648	Soil	0.9	28.1	14.1	54	<0.1	22.4	9.3	412	2.77	9.5	3.0	1.9	12.3	22	<0.1	0.5	0.4	64	0.25	0.056
1012601	Soil	0.7	24.4	24.9	55	<0.1	19.5	9.0	706	2.64	10.9	4.4	2.8	26.4	27	0.1	0.6	0.7	52	0.27	0.052
1013649	Soil	0.8	21.2	15.6	57	<0.1	18.9	8.9	392	2.60	8.1	2.8	2.1	11.3	20	<0.1	0.4	0.4	60	0.24	0.061
1013646	Soil	1.0	20.9	21.3	64	<0.1	22.6	8.7	339	3.26	11.2	2.9	9.3	10.7	16	0.3	0.5	0.5	67	0.20	0.058
1013627	Soil	0.7	18.6	36.3	64	<0.1	20.1	10.0	720	2.65	8.6	2.7	1.0	22.4	17	0.2	0.5	0.7	53	0.23	0.059
1013650	Soil	0.7	25.1	13.9	54	<0.1	22.1	9.3	390	2.83	8.9	2.6	2.4	11.3	25	<0.1	0.4	0.5	65	0.28	0.059
1012604	Soil	1.0	15.1	12.0	59	0.1	17.6	7.8	310	2.74	9.0	1.5	1.8	4.9	19	0.2	0.4	0.4	64	0.24	0.054
1013645	Soil	1.0	15.9	12.9	63	0.1	18.6	8.4	332	2.85	9.3	1.6	2.9	5.1	20	0.2	0.4	0.4	69	0.25	0.058
1013641	Soil	1.0	18.7	12.9	51	0.1	17.5	7.9	260	2.70	8.1	2.7	1.7	4.1	19	0.1	0.4	0.3	61	0.21	0.054
1013633	Soil	1.1	13.8	12.4	52	<0.1	14.3	6.3	227	2.44	8.0	1.9	1.1	2.7	23	0.2	0.3	0.6	67	0.26	0.044

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013777	Soil	11	21	0.25	94	0.032	<1	1.43	0.004	0.04	0.8	0.04	2.5	0.1	<0.05	4	<0.5	<0.2
1013776	Soil	18	45	0.46	126	0.086	<1	2.16	0.011	0.11	0.3	0.03	5.7	0.2	<0.05	6	<0.5	<0.2
1013773	Soil	12	36	0.44	154	0.072	<1	2.03	0.010	0.07	0.3	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
1013774	Soil	11	14	0.13	110	0.009	1	1.26	0.009	0.07	2.5	0.02	1.9	0.2	<0.05	4	<0.5	<0.2
1013635	Soil	9	38	0.75	144	0.115	1	2.28	0.012	0.09	0.4	0.03	3.7	0.1	<0.05	7	<0.5	<0.2
1013644	Soil	10	31	0.47	119	0.071	1	1.55	0.008	0.05	0.2	0.03	2.4	0.1	<0.05	7	<0.5	<0.2
1013625	Soil	15	37	0.82	208	0.113	2	2.40	0.011	0.14	0.4	0.05	5.2	0.2	<0.05	8	<0.5	<0.2
1013637	Soil	7	28	0.54	122	0.129	1	1.89	0.011	0.09	0.8	0.06	2.8	<0.1	0.05	8	<0.5	<0.2
1013638	Soil	12	33	0.81	200	0.134	2	2.15	0.015	0.18	0.3	0.03	3.8	0.2	<0.05	6	0.7	<0.2
1013623	Soil	20	36	0.99	338	0.143	<1	2.07	0.015	0.37	0.4	0.06	7.3	0.4	<0.05	7	<0.5	<0.2
1013640	Soil	13	35	0.80	154	0.139	1	2.32	0.012	0.17	0.7	0.04	4.5	0.2	<0.05	7	<0.5	<0.2
1013622	Soil	18	37	0.90	214	0.149	2	2.28	0.014	0.22	0.4	0.04	6.0	0.2	<0.05	7	0.8	<0.2
1013624	Soil	20	41	0.92	247	0.140	2	2.03	0.017	0.30	0.4	0.03	6.7	0.2	<0.05	7	<0.5	<0.2
1013643	Soil	11	29	0.47	94	0.054	<1	1.96	0.007	0.04	0.2	0.05	2.6	0.2	<0.05	6	<0.5	<0.2
1013636	Soil	13	28	0.68	133	0.074	1	1.91	0.011	0.10	1.1	0.09	4.6	0.3	<0.05	7	<0.5	<0.2
1013639	Soil	10	30	0.66	117	0.117	1	2.19	0.011	0.11	0.8	0.06	3.3	0.1	<0.05	7	<0.5	<0.2
1013626	Soil	10	20	0.29	111	0.065	2	1.28	0.009	0.07	<0.1	0.02	1.7	0.2	<0.05	8	<0.5	<0.2
1013647	Soil	10	32	0.50	108	0.063	1	1.92	0.008	0.05	0.2	0.03	2.5	0.2	<0.05	7	<0.5	<0.2
1012605	Soil	25	40	0.56	213	0.062	1	2.24	0.010	0.07	0.2	0.04	4.5	0.2	<0.05	7	<0.5	<0.2
1013632	Soil	20	36	0.68	239	0.107	<1	1.84	0.014	0.10	0.2	0.03	5.3	0.1	<0.05	6	<0.5	<0.2
1013648	Soil	20	37	0.58	194	0.081	2	1.96	0.010	0.06	0.1	0.04	4.8	0.2	<0.05	6	<0.5	<0.2
1012601	Soil	42	28	0.47	222	0.052	1	2.04	0.009	0.06	0.2	0.04	4.9	0.2	<0.05	5	<0.5	<0.2
1013649	Soil	18	33	0.55	153	0.077	<1	1.83	0.010	0.05	0.1	0.03	3.7	0.2	<0.05	6	<0.5	<0.2
1013646	Soil	11	34	0.57	119	0.066	2	2.47	0.009	0.06	0.2	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1013627	Soil	14	30	0.53	132	0.069	1	1.97	0.009	0.07	0.2	0.02	3.4	0.2	<0.05	5	<0.5	<0.2
1013650	Soil	19	36	0.58	178	0.090	1	1.97	0.011	0.05	0.2	0.04	4.1	0.2	<0.05	6	<0.5	<0.2
1012604	Soil	10	29	0.58	105	0.095	2	1.58	0.011	0.07	0.2	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1013645	Soil	10	30	0.62	112	0.102	1	1.68	0.011	0.07	0.2	0.03	2.9	0.1	<0.05	7	<0.5	<0.2
1013641	Soil	12	31	0.52	127	0.074	2	1.99	0.010	0.06	0.2	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
1013633	Soil	12	28	0.52	154	0.094	2	1.50	0.011	0.06	0.2	0.03	2.7	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013631	Soil		0.9	31.5	10.5	79	<0.1	23.9	13.5	604	3.68	11.8	6.6	2.5	8.8	25	0.1	0.5	0.2	78	0.34	0.085
1013628	Soil		1.1	37.2	9.0	70	0.1	23.0	11.4	366	3.52	9.1	1.8	2.3	4.7	29	0.1	0.4	0.2	77	0.40	0.078
1013630	Soil		1.0	34.8	11.6	75	<0.1	23.7	12.4	547	3.64	13.1	3.5	3.0	7.7	26	0.1	0.5	0.2	79	0.35	0.074
1013629	Soil		0.7	42.7	6.9	73	<0.1	25.8	12.6	413	3.42	7.6	1.5	2.0	5.9	30	0.1	0.3	0.2	78	0.48	0.099
1013634	Soil		0.9	19.9	10.9	55	<0.1	17.9	6.9	228	2.69	8.2	2.6	1.8	3.2	17	0.2	0.4	0.2	59	0.22	0.060
1012603	Soil		0.7	21.2	16.2	55	<0.1	20.7	9.0	450	2.58	7.5	3.6	3.1	15.7	19	0.1	0.4	0.5	59	0.24	0.053
1013642	Soil		0.9	16.3	10.6	61	<0.1	19.0	8.6	326	2.88	8.7	1.6	1.2	5.1	20	0.1	0.5	0.4	65	0.27	0.063
1012602	Soil		0.7	21.0	15.7	63	<0.1	28.5	14.5	513	2.74	9.7	1.9	1.0	9.8	24	0.3	0.5	0.4	55	0.30	0.100
1013103	Soil		0.9	13.3	17.6	53	0.1	15.5	7.3	343	2.78	7.9	2.1	3.5	9.7	15	0.1	0.3	0.3	73	0.18	0.035
1013107	Soil		1.4	10.6	19.7	47	0.2	14.5	7.0	290	3.69	10.4	1.3	3.6	7.1	14	0.2	0.4	0.8	75	0.12	0.044
1013052	Soil		0.9	27.7	15.5	61	<0.1	28.4	12.9	428	3.18	10.4	2.2	4.1	21.0	24	0.1	0.5	0.3	76	0.28	0.040
1013122	Soil		1.2	19.2	24.6	55	0.1	17.8	7.4	386	2.80	7.7	9.7	1.3	26.6	24	<0.1	0.3	0.8	64	0.32	0.042
1013113	Soil		1.2	16.0	22.6	64	<0.1	17.2	8.3	407	2.81	8.1	3.0	2.1	11.9	18	0.2	0.4	1.5	66	0.21	0.064
1013115	Soil		0.9	15.7	20.8	63	<0.1	18.7	8.9	402	2.91	8.2	4.0	4.0	18.5	24	<0.1	0.4	1.1	65	0.31	0.050
1013026	Soil		1.0	18.0	26.8	67	<0.1	21.9	11.6	608	3.36	9.5	7.9	1.4	24.7	21	0.1	0.4	0.9	73	0.31	0.066
1027751	Soil		1.6	14.2	42.4	73	<0.1	15.1	11.4	685	2.99	8.9	2.0	0.8	34.3	14	<0.1	0.5	0.7	65	0.16	0.044
1013025	Soil		1.0	17.1	31.0	60	0.1	18.4	9.1	1116	2.66	7.0	8.4	1.5	22.0	27	0.2	0.3	0.5	68	0.34	0.058
1013120	Soil		1.4	12.2	18.7	64	<0.1	15.7	7.1	401	2.99	10.6	2.4	1.7	9.8	20	0.1	0.4	0.8	77	0.25	0.042
1013101	Soil		0.8	22.7	16.8	61	<0.1	27.2	12.7	418	3.20	9.0	2.7	2.5	13.9	15	0.1	0.5	0.3	69	0.19	0.037
1013102	Soil		0.6	19.7	16.3	58	<0.1	20.1	8.9	342	2.48	7.4	2.7	3.5	12.2	21	0.1	0.4	0.2	64	0.26	0.047
1013119	Soil		0.9	15.5	27.4	57	0.1	14.1	7.0	417	2.36	7.0	6.3	1.2	14.7	19	0.1	0.3	0.9	61	0.23	0.045
1013060	Soil		0.7	12.8	23.8	63	<0.1	15.6	9.1	462	2.65	6.9	6.0	0.9	23.3	26	<0.1	0.3	0.5	66	0.41	0.047
1013118	Soil		1.3	12.9	24.2	69	<0.1	19.7	9.7	438	3.51	10.3	4.1	2.3	16.7	24	<0.1	0.4	1.3	82	0.29	0.039
1013121	Soil		0.9	13.7	28.2	45	0.1	11.6	5.4	289	2.24	6.9	4.1	1.0	19.3	22	<0.1	0.3	0.7	55	0.27	0.027
1013104	Soil		1.0	17.8	17.5	63	0.1	19.5	8.7	364	2.86	8.9	3.4	6.4	7.7	23	0.1	0.4	0.4	74	0.26	0.054
1013116	Soil		1.1	14.6	20.3	69	<0.1	16.5	8.3	455	2.77	8.4	3.6	1.0	14.2	24	0.2	0.3	1.3	74	0.27	0.058
1013055	Soil		0.8	13.7	21.2	63	<0.1	18.5	12.8	584	2.92	8.1	7.0	3.6	24.9	29	0.1	0.4	0.7	67	0.42	0.063
1013106	Soil		1.2	24.8	22.1	76	<0.1	27.6	16.6	672	3.47	11.5	5.5	2.1	24.9	23	0.2	0.5	0.9	80	0.25	0.057
1013056	Soil		0.8	13.4	21.6	59	0.1	16.0	8.8	555	2.55	6.0	6.7	1.7	17.9	28	0.1	0.3	0.5	62	0.39	0.062
1013117	Soil		1.2	13.0	20.4	60	<0.1	16.3	8.3	436	2.62	7.9	3.3	3.1	12.9	24	0.2	0.4	1.1	74	0.28	0.052

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013631	Soil	21	44	0.88	227	0.140	1	2.44	0.013	0.19	0.2	0.02	5.3	0.2	<0.05	7	0.5	<0.2
1013628	Soil	22	43	0.86	278	0.126	1	2.39	0.014	0.21	0.3	0.05	6.5	0.2	<0.05	7	<0.5	<0.2
1013630	Soil	20	42	0.83	220	0.119	1	2.48	0.012	0.16	0.3	0.03	5.1	0.2	<0.05	7	<0.5	<0.2
1013629	Soil	22	45	0.95	255	0.163	2	2.12	0.017	0.26	0.2	0.02	5.5	0.2	<0.05	7	<0.5	<0.2
1013634	Soil	11	31	0.54	121	0.067	<1	1.95	0.010	0.06	0.1	0.04	2.7	0.2	<0.05	6	<0.5	<0.2
1012603	Soil	18	32	0.52	147	0.084	<1	1.85	0.010	0.06	0.1	0.04	3.5	0.2	<0.05	5	<0.5	<0.2
1013642	Soil	10	30	0.59	109	0.095	2	1.63	0.011	0.07	0.2	0.03	2.8	0.1	<0.05	6	0.6	<0.2
1012602	Soil	13	31	0.59	148	0.073	1	1.87	0.012	0.09	0.2	0.04	3.3	0.2	<0.05	5	0.7	<0.2
1013103	Soil	9	29	0.52	117	0.090	<1	1.69	0.009	0.04	0.2	0.02	2.8	0.1	<0.05	7	<0.5	<0.2
1013107	Soil	9	28	0.39	106	0.084	1	1.82	0.008	0.04	0.2	0.03	2.3	0.2	<0.05	7	<0.5	<0.2
1013052	Soil	14	40	0.66	211	0.097	4	2.40	0.015	0.07	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1013122	Soil	35	30	0.49	213	0.052	1	2.01	0.012	0.06	0.2	0.03	3.7	0.3	<0.05	7	<0.5	<0.2
1013113	Soil	11	30	0.51	131	0.098	1	2.00	0.014	0.07	0.2	0.03	3.8	0.3	<0.05	7	0.7	<0.2
1013115	Soil	14	34	0.60	175	0.095	1	2.20	0.014	0.06	0.2	0.03	4.1	0.3	<0.05	7	<0.5	<0.2
1013026	Soil	26	34	0.59	151	0.093	2	2.09	0.014	0.08	0.3	0.04	4.3	0.2	<0.05	7	<0.5	<0.2
1027751	Soil	13	29	0.54	112	0.057	3	2.34	0.011	0.11	0.4	0.03	4.7	0.4	<0.05	8	<0.5	<0.2
1013025	Soil	43	28	0.47	273	0.063	1	2.00	0.016	0.06	0.3	0.04	4.2	0.2	<0.05	7	<0.5	<0.2
1013120	Soil	14	27	0.48	139	0.058	1	1.64	0.015	0.05	0.2	0.03	3.2	0.2	<0.05	7	<0.5	<0.2
1013101	Soil	11	39	0.59	151	0.094	2	2.44	0.014	0.06	0.2	0.02	4.0	0.2	<0.05	6	0.5	<0.2
1013102	Soil	14	31	0.55	132	0.088	2	1.77	0.016	0.05	0.2	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1013119	Soil	26	24	0.42	153	0.057	1	1.82	0.012	0.05	0.2	0.04	3.6	0.2	<0.05	7	<0.5	<0.2
1013060	Soil	17	29	0.57	169	0.112	1	1.77	0.021	0.06	0.2	0.02	4.5	0.3	<0.05	6	0.6	<0.2
1013118	Soil	18	35	0.56	173	0.081	1	2.46	0.010	0.06	0.2	0.02	4.6	0.3	<0.05	8	<0.5	<0.2
1013121	Soil	22	24	0.39	131	0.055	<1	1.81	0.011	0.06	0.2	0.03	3.4	0.3	<0.05	7	<0.5	<0.2
1013104	Soil	12	33	0.55	150	0.089	2	2.05	0.013	0.05	0.2	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
1013116	Soil	16	28	0.53	150	0.094	1	1.63	0.014	0.06	0.2	0.03	4.1	0.3	<0.05	7	<0.5	<0.2
1013055	Soil	18	32	0.60	186	0.100	2	1.87	0.018	0.07	0.3	0.03	4.4	0.2	<0.05	6	<0.5	<0.2
1013106	Soil	18	43	0.65	227	0.087	2	3.01	0.014	0.07	0.2	0.03	5.2	0.3	<0.05	7	0.8	<0.2
1013056	Soil	20	27	0.53	199	0.093	<1	1.89	0.017	0.07	0.2	0.03	4.0	0.2	<0.05	7	0.6	<0.2
1013117	Soil	14	28	0.51	147	0.092	1	1.71	0.012	0.06	0.2	0.03	3.8	0.3	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013110	Soil	0.9	14.5	17.1	58	0.3	15.8	6.0	286	2.34	6.1	4.4	4.0	10.0	25	0.1	0.3	1.9	60	0.30	0.038
1013108	Soil	0.7	18.0	20.4	64	<0.1	18.3	10.6	541	3.01	8.7	10.1	3.7	34.1	24	0.1	0.4	1.2	68	0.28	0.052
1027752	Soil	0.9	7.9	19.6	39	<0.1	7.6	3.4	237	2.03	7.5	2.4	1.0	6.5	12	0.2	0.3	0.6	52	0.13	0.039
1013112	Soil	0.9	19.3	22.9	62	0.2	17.6	9.2	505	2.79	7.0	8.8	1.8	16.6	26	0.2	0.3	1.7	60	0.30	0.068
1013059	Soil	0.9	11.8	16.8	53	<0.1	15.2	7.2	383	2.65	8.3	5.6	1.3	17.1	24	<0.1	0.4	0.4	61	0.29	0.041
1013109	Soil	0.7	14.9	16.9	52	<0.1	14.7	7.1	444	2.24	5.1	7.6	1.8	19.1	22	0.2	0.3	1.3	51	0.28	0.056
1013054	Soil	0.9	11.8	20.3	59	<0.1	15.5	10.6	563	2.71	8.1	7.0	1.9	22.3	28	0.1	0.3	0.5	61	0.37	0.059
1013053	Soil	0.9	11.4	16.7	56	<0.1	15.1	8.3	471	2.56	7.8	4.1	7.4	14.3	26	0.1	0.3	0.5	59	0.32	0.062
1013058	Soil	0.8	14.4	17.1	59	<0.1	18.0	8.9	412	2.76	7.5	3.8	2.2	17.2	27	<0.1	0.4	0.4	64	0.32	0.044
1013057	Soil	0.9	13.6	24.2	73	<0.1	18.2	10.8	1051	3.05	7.7	2.2	0.8	19.9	27	0.2	0.4	0.5	65	0.35	0.190
1013111	Soil	0.7	17.7	16.8	61	0.1	18.6	7.8	364	2.68	7.4	6.3	2.0	10.7	28	0.1	0.4	1.1	61	0.34	0.065
1013114	Soil	1.1	10.0	17.9	52	<0.1	14.5	7.4	399	2.80	8.4	2.9	4.6	10.9	20	0.1	0.4	1.4	64	0.24	0.046
1013531	Soil	0.6	17.0	9.4	53	<0.1	16.2	7.3	321	2.27	6.3	2.1	1.6	4.6	18	0.1	0.4	0.2	51	0.25	0.064
1013528	Soil	0.8	17.6	9.5	55	<0.1	16.9	7.4	261	2.52	7.7	1.5	1.8	1.9	18	0.1	0.4	0.2	62	0.22	0.063
1013530	Soil	0.6	16.4	10.8	52	<0.1	16.1	6.8	247	2.39	6.5	2.5	3.8	2.7	19	0.1	0.4	0.3	53	0.24	0.058
1013533	Soil	0.6	17.9	8.8	50	<0.1	17.4	7.4	261	2.35	6.3	3.5	2.8	5.1	19	0.1	0.4	0.2	53	0.25	0.061
1013520	Soil	1.4	30.3	6.8	57	<0.1	21.4	12.4	309	2.84	9.0	0.8	4.4	3.8	29	0.1	0.5	0.2	60	0.35	0.074
1028542	Soil	1.5	13.5	8.3	37	<0.1	9.0	4.1	196	2.22	3.7	0.5	1.7	0.7	12	0.1	0.6	0.2	74	0.10	0.037
1022994	Soil	1.3	34.4	6.4	90	0.2	18.4	17.8	553	4.62	4.7	0.6	1.2	2.6	68	<0.1	0.3	0.1	92	0.44	0.115
1022996	Soil	0.2	8.6	7.5	31	<0.1	8.8	3.6	131	1.73	2.0	0.4	1.4	1.9	19	<0.1	0.4	0.1	35	0.20	0.039
1013524	Soil	1.0	28.6	7.0	62	0.1	19.0	11.9	475	3.09	8.0	1.3	3.6	4.2	25	0.2	0.4	0.2	66	0.31	0.064
1013521	Soil	0.9	34.8	7.5	57	0.1	22.2	10.3	225	2.34	4.1	1.4	1.7	4.0	31	0.1	0.4	0.3	60	0.37	0.079
1022999	Soil	1.5	36.4	9.4	55	0.1	18.3	9.1	343	3.67	9.7	0.8	3.1	1.8	20	0.2	0.7	0.2	70	0.22	0.054
1022998	Soil	0.6	28.6	8.3	64	0.1	18.9	11.2	370	2.93	4.6	0.7	2.7	3.2	28	<0.1	0.4	0.2	67	0.37	0.075
1013519	Soil	1.1	27.4	6.3	58	<0.1	21.9	13.1	447	3.10	6.0	0.8	3.6	4.0	28	0.1	0.4	0.2	61	0.39	0.087
1023000	Soil	0.7	34.6	7.2	62	<0.1	22.7	11.1	323	3.07	7.5	0.7	1.1	4.7	24	0.1	0.5	0.2	63	0.32	0.070
1013522	Soil	0.6	20.8	5.6	48	<0.1	15.0	10.0	297	2.38	4.8	1.0	2.7	4.7	30	0.2	0.3	0.8	50	0.47	0.094
1013527	Soil	1.2	15.2	9.5	52	<0.1	13.4	7.1	321	2.76	7.1	1.6	2.3	1.1	20	0.1	0.4	0.3	67	0.23	0.065
1013526	Soil	2.5	32.9	10.1	64	0.2	23.6	30.0	3071	4.25	12.0	2.6	3.6	3.0	27	0.1	0.6	0.3	84	0.33	0.106
1022993	Soil	0.6	18.4	5.5	62	<0.1	18.9	11.3	382	2.73	5.1	0.5	2.8	3.0	26	0.1	0.4	<0.1	61	0.35	0.094

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013110	Soil	13	28	0.52	205	0.086	2	1.92	0.013	0.05	0.1	0.02	3.2	0.3	<0.05	7	<0.5	<0.2
1013108	Soil	22	37	0.56	221	0.083	3	2.27	0.014	0.05	0.2	<0.01	4.4	0.3	<0.05	6	<0.5	<0.2
1027752	Soil	15	17	0.26	99	0.032	1	1.17	0.007	0.06	0.2	0.01	1.4	0.2	<0.05	6	<0.5	<0.2
1013112	Soil	19	31	0.49	214	0.077	2	2.13	0.020	0.06	0.2	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1013059	Soil	17	26	0.50	186	0.073	2	1.76	0.014	0.04	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1013109	Soil	18	26	0.45	137	0.085	2	1.47	0.012	0.05	0.2	0.02	3.2	0.2	<0.05	5	<0.5	<0.2
1013054	Soil	15	29	0.54	180	0.085	2	1.70	0.015	0.06	0.3	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1013053	Soil	15	26	0.49	156	0.081	1	1.56	0.020	0.06	0.3	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1013058	Soil	15	30	0.60	194	0.102	3	2.02	0.017	0.07	0.2	<0.01	3.0	0.2	<0.05	6	<0.5	<0.2
1013057	Soil	11	28	0.57	370	0.090	2	1.94	0.013	0.12	0.2	0.01	3.3	0.3	<0.05	8	<0.5	<0.2
1013111	Soil	15	31	0.57	203	0.086	2	2.05	0.011	0.06	0.2	0.03	3.5	0.3	<0.05	6	<0.5	<0.2
1013114	Soil	11	27	0.47	120	0.086	2	1.62	0.010	0.06	0.2	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1013531	Soil	12	26	0.49	111	0.080	2	1.53	0.010	0.07	0.2	0.02	2.6	0.1	<0.05	5	<0.5	<0.2
1013528	Soil	11	29	0.56	131	0.074	3	1.87	0.012	0.06	0.2	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1013530	Soil	11	25	0.51	114	0.077	2	1.63	0.011	0.07	0.2	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1013533	Soil	13	28	0.51	125	0.086	2	1.69	0.011	0.06	0.2	0.03	2.8	0.1	<0.05	5	<0.5	<0.2
1013520	Soil	12	33	0.71	163	0.119	1	1.86	0.019	0.11	0.9	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1028542	Soil	6	15	0.22	92	0.108	2	1.08	0.009	0.05	<0.1	0.05	1.3	0.1	<0.05	8	<0.5	<0.2
1022994	Soil	8	31	1.08	394	0.199	1	2.73	0.021	0.63	0.2	0.03	3.8	0.2	<0.05	7	<0.5	<0.2
1022996	Soil	6	22	0.37	127	0.120	1	1.34	0.013	0.08	0.1	0.03	2.1	0.1	<0.05	6	<0.5	<0.2
1013524	Soil	14	31	0.69	155	0.116	2	2.00	0.014	0.15	0.6	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1013521	Soil	18	36	0.70	172	0.115	1	2.01	0.017	0.11	0.6	0.04	3.5	0.2	<0.05	6	<0.5	<0.2
1022999	Soil	8	28	0.45	104	0.089	2	1.79	0.011	0.07	5.0	0.06	2.2	<0.1	<0.05	7	<0.5	<0.2
1022998	Soil	12	30	0.76	152	0.122	1	1.89	0.017	0.14	7.0	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1013519	Soil	12	32	0.76	178	0.121	1	1.83	0.017	0.12	1.2	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1023000	Soil	13	35	0.77	110	0.119	2	2.21	0.014	0.14	1.2	0.02	3.6	0.1	<0.05	6	<0.5	<0.2
1013522	Soil	16	28	0.82	158	0.107	2	1.51	0.018	0.14	0.3	0.01	3.1	0.2	<0.05	5	<0.5	<0.2
1013527	Soil	11	25	0.50	122	0.073	1	1.55	0.011	0.10	0.1	0.03	2.4	0.2	<0.05	7	<0.5	<0.2
1013526	Soil	19	42	0.67	291	0.078	2	2.76	0.014	0.10	0.2	0.08	6.1	0.3	<0.05	8	<0.5	<0.2
1022993	Soil	8	26	0.70	178	0.127	1	1.75	0.014	0.20	0.3	0.01	2.7	0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013534	Soil	1.3	12.9	11.4	44	<0.1	12.9	5.4	220	2.30	7.8	1.6	1.4	2.5	15	0.1	0.4	0.4	70	0.15	0.029
1013546	Soil	0.9	25.2	8.2	56	<0.1	20.9	11.4	406	2.80	8.1	0.8	1.6	3.4	27	0.1	0.5	0.2	59	0.28	0.062
1013525	Soil	0.8	21.7	7.9	58	<0.1	18.2	9.4	374	2.93	7.3	1.1	4.4	2.7	25	0.1	0.4	0.2	65	0.32	0.056
1022997	Soil	0.3	28.5	8.6	59	<0.1	16.1	7.9	218	2.48	4.4	0.9	2.5	3.4	23	<0.1	0.4	0.1	56	0.29	0.058
1022992	Soil	0.4	30.4	6.2	70	<0.1	23.9	12.7	382	3.02	5.3	0.8	0.7	3.5	34	0.1	0.4	0.1	68	0.46	0.122
1022991	Soil	0.7	27.0	6.5	74	<0.1	22.2	14.0	545	3.23	6.9	0.6	4.3	3.0	25	0.1	0.4	0.1	69	0.31	0.097
1013523	Soil	0.9	20.8	7.4	57	<0.1	17.5	9.6	340	2.63	8.5	0.8	2.3	3.0	23	0.2	0.4	0.2	57	0.24	0.064
1013518	Soil	1.3	33.7	6.8	62	<0.1	21.8	12.6	395	2.84	7.1	0.7	1.1	4.0	22	<0.1	0.4	0.2	58	0.31	0.077
1013532	Soil	0.7	18.6	9.1	50	<0.1	16.3	7.1	316	2.23	6.1	2.7	2.3	6.5	19	0.1	0.4	0.3	51	0.25	0.069
1022995	Soil	0.7	30.1	7.4	75	0.1	17.6	11.9	359	2.99	6.1	0.8	9.7	2.7	25	0.2	0.4	0.1	67	0.29	0.077
1022960	Soil	0.7	18.2	16.6	57	<0.1	16.8	8.0	371	2.31	7.3	5.6	3.3	15.4	21	0.2	0.5	0.5	53	0.25	0.050
1022968	Soil	1.8	16.0	24.6	57	<0.1	18.0	8.5	886	2.41	9.4	11.5	4.6	23.9	15	0.2	0.6	0.7	52	0.19	0.058
1022965	Soil	1.2	13.6	26.0	67	<0.1	14.5	10.3	903	2.69	9.1	8.0	1.5	23.7	18	0.1	0.4	1.0	53	0.21	0.063
1022958	Soil	1.1	19.1	19.2	57	<0.1	17.3	8.8	452	2.44	7.5	8.7	3.4	17.6	21	0.1	0.4	0.6	56	0.26	0.066
1022959	Soil	0.9	17.6	21.1	63	<0.1	18.5	9.9	489	2.77	7.8	7.7	2.4	18.8	21	0.1	0.4	0.7	60	0.26	0.066
1022953	Soil	0.9	9.6	28.0	57	<0.1	12.4	12.9	1127	2.37	5.3	4.3	<0.5	29.1	15	0.2	0.3	1.7	49	0.21	0.066
1013153	Soil	1.1	15.2	26.8	69	<0.1	19.7	11.2	604	3.05	8.4	4.8	5.8	29.2	19	0.1	0.4	1.1	64	0.22	0.070
1013155	Soil	1.0	14.0	27.2	70	0.1	14.6	10.0	967	2.62	6.4	9.8	7.0	27.1	19	0.1	0.4	0.8	54	0.23	0.083
1022961	Soil	0.7	16.0	14.9	61	<0.1	17.6	8.2	440	2.52	7.2	4.5	4.0	17.4	18	0.1	0.3	0.6	59	0.24	0.061
1022966	Soil	0.8	9.8	23.6	42	<0.1	11.2	6.9	529	1.85	4.7	5.5	0.8	21.3	9	0.2	0.4	0.9	39	0.11	0.028
1022970	Soil	1.9	17.4	26.1	59	0.1	16.3	6.9	487	2.42	8.3	13.5	2.7	13.4	19	0.1	0.4	0.7	49	0.23	0.061
1022983	Soil	0.8	15.2	24.3	54	<0.1	16.7	8.7	511	2.39	7.3	4.1	5.7	20.9	16	0.1	0.4	1.0	54	0.20	0.039
1022984	Soil	1.0	16.4	22.6	51	<0.1	16.7	7.4	415	2.35	7.0	4.2	1.1	15.8	19	0.2	0.4	1.5	55	0.22	0.033
1022988	Soil	1.2	18.1	33.0	67	<0.1	17.7	9.8	773	2.63	7.6	5.9	3.0	30.8	21	0.2	0.5	3.4	53	0.26	0.063
1022989	Soil	1.3	23.9	28.2	64	0.1	18.8	8.1	398	2.85	8.6	6.6	2.4	17.6	27	0.1	0.5	1.2	65	0.28	0.053
1022957	Soil	1.1	22.9	28.1	72	0.1	23.6	9.9	643	3.26	9.8	6.7	3.3	28.7	24	<0.1	0.5	0.9	71	0.26	0.064
1022963	Soil	0.6	12.9	21.0	58	<0.1	13.7	7.8	537	2.30	6.4	4.7	2.1	22.5	16	0.1	0.4	0.6	49	0.22	0.057
1022990	Soil	1.1	15.1	25.9	67	<0.1	17.5	10.8	795	2.95	8.6	3.8	2.4	21.0	23	0.2	0.5	0.9	62	0.25	0.070
1022972	Soil	1.4	14.0	27.2	68	<0.1	16.4	8.3	636	2.92	7.5	8.6	1.3	24.3	18	0.1	0.4	0.5	63	0.22	0.046
1022975	Soil	3.4	13.8	23.7	59	0.2	17.5	10.5	709	3.02	9.0	24.1	1.1	11.4	26	<0.1	0.4	0.5	67	0.35	0.057

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013534	Soil	8	23	0.41	83	0.093	<1	1.27	0.009	0.05	0.1	0.01	2.1	0.2	<0.05	7	<0.5	<0.2
1013546	Soil	13	32	0.66	132	0.091	1	1.97	0.015	0.08	0.2	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1013525	Soil	14	27	0.58	154	0.084	1	1.68	0.013	0.09	0.2	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1022997	Soil	13	29	0.58	182	0.106	<1	1.87	0.017	0.09	0.1	0.04	4.5	0.1	<0.05	6	<0.5	<0.2
1022992	Soil	12	37	0.81	287	0.142	2	1.91	0.017	0.24	0.2	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1022991	Soil	8	42	0.93	183	0.126	<1	2.13	0.011	0.24	0.2	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1013523	Soil	13	27	0.55	164	0.071	1	1.82	0.012	0.07	0.3	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1013518	Soil	10	32	0.69	108	0.104	<1	2.01	0.015	0.12	1.4	0.05	2.8	0.1	<0.05	6	0.7	<0.2
1013532	Soil	11	26	0.47	112	0.077	<1	1.43	0.012	0.06	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1022995	Soil	10	28	0.77	268	0.142	<1	1.99	0.014	0.22	0.2	0.05	3.5	0.2	<0.05	6	0.9	<0.2
1022960	Soil	15	30	0.48	155	0.077	<1	1.79	0.013	0.06	0.2	0.03	4.0	0.2	<0.05	5	0.8	<0.2
1022968	Soil	18	25	0.43	159	0.071	<1	1.74	0.009	0.08	0.3	0.03	3.4	0.3	<0.05	5	0.6	<0.2
1022965	Soil	20	28	0.45	160	0.051	<1	1.83	0.009	0.08	0.2	0.02	3.0	0.3	<0.05	6	0.9	<0.2
1022958	Soil	18	32	0.48	171	0.074	<1	1.91	0.010	0.06	0.2	0.03	3.8	0.2	<0.05	5	<0.5	<0.2
1022959	Soil	16	35	0.50	161	0.078	<1	2.10	0.010	0.06	0.2	0.04	3.8	0.2	<0.05	6	0.6	<0.2
1022953	Soil	20	22	0.45	125	0.073	<1	1.27	0.009	0.10	0.3	<0.01	3.1	0.4	<0.05	5	0.8	<0.2
1013153	Soil	16	36	0.55	142	0.094	<1	2.14	0.010	0.08	0.2	0.03	4.1	0.3	<0.05	7	0.6	<0.2
1013155	Soil	21	29	0.54	171	0.078	<1	1.78	0.015	0.16	0.2	0.03	5.1	0.6	<0.05	7	<0.5	<0.2
1022961	Soil	14	30	0.51	117	0.087	<1	1.70	0.010	0.08	0.2	0.04	3.4	0.2	<0.05	6	0.8	<0.2
1022966	Soil	16	19	0.28	100	0.064	<1	1.20	0.007	0.07	0.2	0.02	2.3	0.2	<0.05	4	<0.5	<0.2
1022970	Soil	26	30	0.41	175	0.045	<1	1.73	0.013	0.08	0.2	0.06	3.5	0.2	<0.05	6	0.7	<0.2
1022983	Soil	16	28	0.47	129	0.061	<1	1.72	0.013	0.05	0.2	0.03	3.0	0.2	<0.05	5	1.0	<0.2
1022984	Soil	20	29	0.48	162	0.061	<1	1.60	0.011	0.05	0.2	0.03	3.1	0.2	<0.05	5	0.6	<0.2
1022988	Soil	23	29	0.50	170	0.062	<1	1.61	0.012	0.07	0.3	0.03	3.8	0.2	<0.05	5	1.3	<0.2
1022989	Soil	30	33	0.48	236	0.060	2	1.75	0.014	0.06	0.2	0.03	4.4	0.2	0.06	7	<0.5	<0.2
1022957	Soil	27	40	0.59	212	0.083	2	2.59	0.013	0.08	0.2	0.03	5.0	0.3	0.09	8	0.6	<0.2
1022963	Soil	17	23	0.43	113	0.076	1	1.35	0.010	0.09	0.2	<0.01	2.8	0.2	0.05	5	<0.5	<0.2
1022990	Soil	17	32	0.54	173	0.060	3	1.72	0.011	0.06	0.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1022972	Soil	20	30	0.59	146	0.082	1	1.81	0.010	0.08	0.3	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1022975	Soil	14	34	0.57	197	0.064	2	1.98	0.012	0.06	0.2	0.03	3.4	0.2	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022985	Soil	0.8	16.5	31.3	55	<0.1	14.0	7.8	642	2.25	5.0	7.7	1.8	28.9	19	0.1	0.4	2.2	49	0.24	0.047
1022967	Soil	1.1	15.9	24.3	62	<0.1	17.5	10.6	814	2.89	8.7	8.3	5.6	23.3	16	<0.1	0.5	0.8	61	0.21	0.051
1022962	Soil	1.1	29.5	28.3	60	0.2	15.9	6.0	426	2.65	6.7	11.7	3.3	12.6	25	0.2	0.3	0.7	56	0.23	0.066
1013156	Soil	0.8	9.9	26.7	45	<0.1	11.2	7.0	566	2.03	13.5	5.3	1.4	24.1	12	0.1	0.8	0.7	41	0.17	0.046
1022964	Soil	0.8	19.4	19.2	58	<0.1	20.9	12.8	607	2.86	8.4	2.8	3.1	20.0	15	0.2	0.5	0.6	59	0.15	0.044
1013154	Soil	0.9	22.4	17.4	63	<0.1	19.1	9.6	468	2.88	9.2	7.0	3.6	19.4	28	0.1	0.5	0.5	63	0.31	0.070
1022954	Soil	0.7	19.7	22.3	59	<0.1	20.7	11.4	646	2.83	8.4	3.9	2.1	18.3	23	<0.1	0.4	0.7	61	0.28	0.060
1022956	Soil	0.7	20.0	19.7	61	<0.1	20.5	10.2	615	2.69	8.1	4.3	2.7	21.2	25	0.1	0.4	0.5	61	0.29	0.060
1022969	Soil	1.2	18.0	19.9	60	<0.1	21.8	11.4	648	2.80	10.2	6.8	1.3	21.0	18	<0.1	0.5	0.5	57	0.22	0.065
1022971	Soil	1.5	14.5	26.8	69	<0.1	16.7	8.8	545	2.95	9.2	7.0	1.7	20.7	18	<0.1	0.5	0.6	70	0.23	0.050
1022955	Soil	0.9	21.1	19.0	65	<0.1	19.6	10.0	518	2.82	8.9	4.6	3.9	19.7	23	<0.1	0.4	0.6	62	0.27	0.063
1022986	Soil	1.5	24.3	31.2	55	0.2	16.4	5.9	403	2.44	7.0	9.2	1.2	19.9	26	0.2	0.3	2.1	58	0.30	0.045
1022987	Soil	1.1	19.7	36.4	70	0.1	17.1	8.2	647	2.42	6.3	7.5	3.0	26.4	25	0.1	0.4	1.9	51	0.36	0.062
1022982	Soil	1.0	16.7	28.9	58	0.2	17.7	8.2	621	2.50	6.9	9.7	2.1	18.3	25	0.2	0.4	1.2	57	0.31	0.063
1014508	Soil	0.6	21.1	11.8	47	<0.1	21.1	10.9	451	2.90	9.6	2.2	2.9	13.1	28	<0.1	0.5	0.3	62	0.23	0.025
1014510	Soil	0.7	19.7	11.6	50	<0.1	20.8	9.0	284	2.58	7.4	1.5	7.9	10.1	22	0.1	0.5	0.4	64	0.24	0.044
1014538	Soil	0.8	23.2	10.7	52	<0.1	22.4	9.6	322	2.72	8.8	3.0	3.3	11.7	23	<0.1	0.5	0.2	65	0.21	0.026
1014514	Soil	0.7	26.9	11.0	56	<0.1	25.4	11.6	422	2.86	8.4	2.0	3.7	9.2	26	<0.1	0.5	0.2	66	0.27	0.046
1014537	Soil	1.5	12.8	12.7	52	<0.1	20.3	8.4	288	4.08	12.2	1.0	1.6	6.5	14	<0.1	0.5	0.3	87	0.14	0.048
1014527	Soil	0.7	16.7	11.9	52	<0.1	20.2	8.2	467	2.46	5.6	3.0	2.4	19.0	22	<0.1	0.4	0.3	59	0.25	0.040
1014507	Soil	0.8	30.9	14.1	63	<0.1	28.7	12.6	430	3.20	9.5	3.0	3.0	17.0	26	<0.1	0.5	0.3	75	0.24	0.030
1014516	Soil	0.7	18.0	11.5	48	<0.1	26.6	10.6	266	3.11	9.2	0.8	2.4	7.5	18	0.1	0.5	0.2	65	0.17	0.032
1014529	Soil	1.2	25.7	13.6	58	<0.1	27.9	12.5	371	3.15	11.5	1.6	1.3	12.3	20	0.1	0.6	0.5	72	0.16	0.025
1026992	Soil	0.8	20.3	13.5	52	<0.1	20.2	8.7	304	2.90	7.9	1.2	2.3	11.2	20	<0.1	0.4	0.3	72	0.19	0.020
1026993	Soil	0.5	19.7	15.7	53	<0.1	21.3	9.6	432	2.53	6.1	2.1	2.1	23.6	22	<0.1	0.4	0.3	59	0.25	0.033
1014536	Soil	0.6	19.6	12.9	47	<0.1	20.3	8.6	301	2.75	8.7	2.0	2.4	11.0	22	<0.1	0.5	0.5	67	0.24	0.042
1014528	Soil	1.0	28.4	12.2	51	0.1	30.5	14.1	307	3.02	10.8	2.3	3.4	14.2	17	0.1	0.6	0.2	67	0.15	0.034
1014509	Soil	0.8	33.5	11.9	53	<0.1	27.4	11.4	418	3.15	10.2	3.1	3.5	11.8	34	<0.1	0.6	0.3	70	0.33	0.044
1014513	Soil	0.8	22.3	11.0	57	<0.1	27.1	12.8	331	2.88	9.3	1.3	4.7	10.7	22	0.1	0.4	0.2	67	0.20	0.025
1014535	Soil	0.7	15.0	21.5	51	<0.1	14.9	6.8	481	2.07	5.9	4.0	<0.5	23.4	18	<0.1	0.4	1.4	42	0.22	0.060

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022985	Soil		25	24	0.48	140	0.078	1	1.39	0.015	0.07	0.3	0.02	3.4	0.3	<0.05	5	<0.5	<0.2
1022967	Soil		20	29	0.51	161	0.086	3	1.89	0.011	0.10	0.2	0.02	3.6	0.3	<0.05	6	<0.5	<0.2
1022962	Soil		27	30	0.47	194	0.069	2	2.08	0.012	0.09	0.2	0.04	3.7	0.4	<0.05	9	<0.5	<0.2
1013156	Soil		18	19	0.33	112	0.062	1	1.38	0.009	0.08	0.2	<0.01	2.4	0.2	<0.05	4	<0.5	<0.2
1022964	Soil		15	31	0.48	122	0.080	1	2.33	0.009	0.07	0.2	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1013154	Soil		22	35	0.53	217	0.085	2	1.80	0.013	0.06	0.2	0.02	4.9	0.2	<0.05	6	0.5	<0.2
1022954	Soil		21	32	0.58	194	0.082	2	1.99	0.015	0.07	0.2	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1022956	Soil		20	32	0.59	189	0.089	2	1.96	0.014	0.07	0.2	0.02	3.7	0.2	<0.05	6	0.5	<0.2
1022969	Soil		19	28	0.54	148	0.081	1	2.12	0.012	0.08	0.2	0.01	3.6	0.2	<0.05	6	0.5	<0.2
1022971	Soil		18	34	0.55	131	0.100	2	2.40	0.011	0.09	0.3	0.02	3.9	0.3	<0.05	8	<0.5	<0.2
1022955	Soil		17	35	0.57	183	0.084	2	2.29	0.013	0.06	0.2	0.02	4.0	0.2	<0.05	6	0.7	<0.2
1022986	Soil		42	27	0.43	230	0.060	2	2.01	0.013	0.06	0.2	0.03	4.0	0.4	<0.05	8	<0.5	<0.2
1022987	Soil		29	27	0.50	181	0.062	1	1.63	0.014	0.08	0.3	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1022982	Soil		30	32	0.46	238	0.068	3	2.23	0.014	0.06	0.3	0.03	3.8	0.3	<0.05	7	<0.5	<0.2
1014508	Soil		23	40	0.55	263	0.071	2	2.19	0.013	0.05	0.2	0.02	6.2	0.1	<0.05	6	1.2	<0.2
1014510	Soil		13	36	0.53	168	0.090	1	2.21	0.020	0.05	0.2	0.01	3.7	0.1	<0.05	6	<0.5	<0.2
1014538	Soil		14	39	0.57	233	0.081	2	2.20	0.013	0.05	<0.1	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1014514	Soil		17	39	0.58	236	0.084	2	2.25	0.014	0.06	0.2	0.02	4.0	0.1	<0.05	6	0.7	<0.2
1014537	Soil		8	35	0.54	118	0.091	3	2.03	0.010	0.05	0.2	0.02	2.5	0.2	<0.05	8	<0.5	<0.2
1014527	Soil		18	31	0.59	143	0.113	2	1.83	0.014	0.06	0.2	0.01	3.8	0.2	<0.05	6	<0.5	<0.2
1014507	Soil		26	47	0.66	260	0.098	1	2.86	0.015	0.06	0.1	0.03	8.4	0.2	<0.05	7	0.6	<0.2
1014516	Soil		10	34	0.56	151	0.083	2	2.59	0.012	0.05	0.1	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1014529	Soil		15	44	0.59	191	0.090	1	3.00	0.012	0.06	0.1	0.04	4.6	0.2	<0.05	6	<0.5	<0.2
1026992	Soil		14	39	0.56	164	0.107	2	2.56	0.011	0.05	0.1	0.02	3.6	0.2	<0.05	7	0.5	<0.2
1026993	Soil		18	33	0.62	163	0.113	2	2.26	0.012	0.06	0.2	<0.01	4.1	0.3	<0.05	6	<0.5	<0.2
1014536	Soil		16	37	0.54	173	0.095	2	2.36	0.012	0.05	0.2	0.04	4.3	0.1	<0.05	7	<0.5	<0.2
1014528	Soil		16	40	0.54	189	0.069	3	2.83	0.013	0.05	0.1	0.04	3.6	0.2	<0.05	6	0.6	<0.2
1014509	Soil		22	44	0.60	290	0.089	2	2.10	0.018	0.06	0.1	0.04	5.7	0.1	<0.05	6	0.6	<0.2
1014513	Soil		13	41	0.61	175	0.110	1	2.43	0.013	0.06	0.1	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
1014535	Soil		26	21	0.39	111	0.053	2	1.16	0.010	0.06	0.3	0.02	3.4	0.2	<0.05	4	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014506	Soil	0.7	23.8	13.7	60	<0.1	23.2	10.8	465	2.76	9.9	1.5	3.2	11.6	28	<0.1	0.5	0.4	65	0.24	0.027
1014532	Soil	1.0	12.3	25.3	49	<0.1	9.7	6.9	578	2.29	7.1	4.0	1.5	40.3	13	<0.1	0.5	2.5	39	0.09	0.014
1026994	Soil	0.7	26.2	15.4	60	<0.1	21.6	10.2	468	3.00	8.5	2.6	3.0	21.3	25	0.1	0.5	0.4	65	0.26	0.042
1014515	Soil	0.6	20.3	21.3	60	<0.1	17.8	9.1	679	2.53	5.4	3.4	13.2	34.1	17	0.1	0.5	0.7	56	0.25	0.060
1026558	Soil	1.0	68.8	6.7	73	0.1	19.0	16.1	331	3.68	7.8	0.4	2.3	2.3	19	0.1	0.5	0.2	120	0.20	0.029
1026559	Soil	1.0	32.3	8.6	58	<0.1	25.8	15.9	249	2.99	10.8	0.5	1.2	3.1	18	0.2	0.5	0.2	70	0.17	0.042
1027765	Soil	0.7	23.2	7.6	59	<0.1	25.8	12.0	372	3.00	10.4	0.4	1.2	3.0	32	<0.1	0.5	0.1	74	0.34	0.048
1026554	Soil	1.2	28.5	9.7	55	<0.1	23.9	10.4	265	3.34	12.4	0.7	1.8	3.9	23	<0.1	0.7	0.2	73	0.21	0.026
1026556	Soil	0.6	62.1	4.0	67	<0.1	10.5	18.2	391	5.43	4.9	0.3	2.1	1.2	23	<0.1	0.2	<0.1	183	0.24	0.028
1026553	Soil	0.8	42.3	6.4	57	<0.1	23.6	13.0	451	3.29	7.2	0.5	1.9	2.7	25	<0.1	0.4	0.2	82	0.29	0.047
1027763	Soil	0.9	20.0	6.4	45	<0.1	18.2	9.4	263	2.72	8.9	0.5	1.2	2.9	24	<0.1	0.5	0.1	61	0.22	0.019
1027770	Soil	0.8	23.4	8.5	55	0.1	24.7	10.3	275	2.95	11.1	0.5	0.7	3.7	17	<0.1	0.6	0.2	73	0.14	0.021
1027767	Soil	2.4	147.1	5.2	115	<0.1	15.4	14.9	547	5.75	5.9	0.6	3.5	2.9	33	0.1	0.2	0.1	142	0.19	0.031
1026552	Soil	1.1	24.3	9.3	54	<0.1	25.4	13.0	351	3.41	11.3	0.4	2.3	3.0	20	<0.1	0.5	0.2	75	0.19	0.034
1027764	Soil	1.1	19.0	9.3	48	0.1	16.5	10.4	363	2.97	9.5	0.4	3.9	2.2	32	<0.1	0.5	0.3	72	0.26	0.029
1026551	Soil	0.7	82.1	7.4	89	<0.1	21.8	15.2	661	3.38	5.7	0.4	1.4	2.9	30	0.1	0.4	0.1	90	0.35	0.068
1026557	Soil	1.1	35.7	7.4	55	<0.1	29.8	14.7	267	2.97	10.3	0.7	1.5	3.8	18	<0.1	0.6	0.2	62	0.20	0.040
1026560	Soil	1.9	15.2	9.9	54	0.1	16.2	7.7	261	3.33	11.2	0.7	2.3	3.9	14	0.1	0.6	0.2	79	0.12	0.029
1027762	Soil	0.7	18.6	4.3	67	<0.1	12.4	15.6	743	4.01	4.5	0.3	1.3	1.6	49	<0.1	0.2	<0.1	85	0.49	0.040
1027769	Soil	0.6	34.8	5.7	57	<0.1	20.4	12.7	330	2.94	6.3	0.3	<0.5	1.9	69	<0.1	0.3	0.1	76	0.36	0.021
1027766	Soil	0.7	51.6	5.0	81	<0.1	18.9	17.5	514	4.20	5.4	0.3	<0.5	1.7	46	<0.1	0.3	0.2	111	0.31	0.032
1026555	Soil	1.2	35.4	11.1	59	<0.1	26.5	12.2	353	3.18	11.2	1.0	3.8	5.8	22	<0.1	0.8	0.2	71	0.16	0.024
1027761	Soil	0.7	18.7	4.8	64	<0.1	12.4	15.2	801	3.87	4.5	0.3	4.0	1.6	46	<0.1	0.3	0.1	83	0.48	0.039
1027768	Soil	0.7	17.6	7.1	43	<0.1	16.2	8.2	295	2.61	7.5	0.5	0.7	2.6	29	<0.1	0.5	0.2	60	0.24	0.025
1011689	Soil	0.4	16.6	4.3	94	<0.1	23.1	22.1	762	4.49	2.9	0.2	<0.5	2.7	16	<0.1	0.1	<0.1	98	0.22	0.049
1011693	Soil	1.5	22.0	8.2	68	0.2	14.7	13.3	642	3.35	6.5	0.4	1.3	2.5	19	0.1	0.4	0.2	92	0.25	0.059
1011688	Soil	0.8	20.3	5.6	125	<0.1	19.9	16.0	1055	4.74	4.3	0.3	11.8	1.4	22	0.1	0.2	0.1	87	0.22	0.083
1011684	Soil	1.4	30.9	3.9	79	<0.1	29.7	18.5	709	4.73	4.1	0.4	<0.5	2.9	49	<0.1	0.2	0.1	97	0.40	0.036
1011686	Soil	5.3	47.2	4.7	86	0.1	10.2	14.9	769	5.03	4.6	0.4	0.6	1.7	71	<0.1	0.2	0.4	104	0.52	0.156
1011683	Soil	1.1	14.9	10.0	48	<0.1	18.8	9.3	371	2.87	8.0	0.5	7.5	3.9	21	<0.1	0.5	0.3	71	0.19	0.027

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014506	Soil	18	36	0.58	267	0.083	2	2.03	0.013	0.05	0.2	0.04	6.0	0.1	<0.05	6	0.6	<0.2
1014532	Soil	17	17	0.30	101	0.040	<1	1.36	0.013	0.07	0.3	0.02	5.2	0.3	<0.05	4	<0.5	<0.2
1026994	Soil	20	37	0.61	224	0.103	2	2.10	0.012	0.07	0.2	0.04	6.6	0.3	<0.05	6	<0.5	<0.2
1014515	Soil	22	26	0.53	143	0.112	2	1.54	0.010	0.10	0.2	0.02	4.6	0.5	<0.05	5	<0.5	<0.2
1026558	Soil	5	24	0.95	169	0.149	2	2.76	0.015	0.12	0.2	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1026559	Soil	7	30	0.62	209	0.090	2	2.55	0.014	0.09	0.2	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1027765	Soil	7	35	0.77	287	0.093	1	2.13	0.014	0.09	0.2	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1026554	Soil	9	38	0.62	311	0.082	1	2.43	0.014	0.08	0.2	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1026556	Soil	4	20	1.33	352	0.122	<1	3.16	0.018	0.23	0.2	0.02	7.4	<0.1	<0.05	10	<0.5	<0.2
1026553	Soil	6	34	0.97	197	0.113	1	2.39	0.014	0.28	0.1	0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1027763	Soil	7	28	0.57	187	0.076	1	1.71	0.011	0.07	0.2	0.06	2.9	<0.1	<0.05	5	<0.5	<0.2
1027770	Soil	7	37	0.62	167	0.107	2	2.26	0.014	0.09	0.2	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1027767	Soil	6	31	2.09	487	0.264	1	4.14	0.027	0.66	0.1	0.01	11.2	0.2	0.26	13	1.5	<0.2
1026552	Soil	7	34	0.73	199	0.095	2	2.41	0.013	0.09	1.3	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1027764	Soil	7	29	0.51	261	0.066	1	1.91	0.013	0.08	0.3	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1026551	Soil	6	35	0.93	341	0.126	2	2.45	0.018	0.16	0.2	<0.01	3.8	<0.1	<0.05	8	0.6	<0.2
1026557	Soil	8	34	0.79	165	0.084	2	2.49	0.011	0.07	0.2	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1026560	Soil	9	38	0.57	179	0.104	2	2.14	0.012	0.08	0.3	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1027762	Soil	4	16	1.09	309	0.140	2	2.73	0.019	0.14	0.1	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1027769	Soil	4	31	0.94	231	0.122	2	2.42	0.019	0.06	0.3	<0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1027766	Soil	4	33	1.39	336	0.206	1	2.96	0.018	0.31	0.4	<0.01	5.1	<0.1	<0.05	9	<0.5	<0.2
1026555	Soil	12	42	0.59	287	0.084	2	2.38	0.013	0.06	0.2	0.04	4.3	<0.1	<0.05	6	0.7	<0.2
1027761	Soil	4	16	0.99	297	0.127	<1	2.62	0.019	0.12	0.1	0.01	3.2	<0.1	<0.05	8	<0.5	<0.2
1027768	Soil	8	28	0.53	228	0.088	<1	1.78	0.014	0.05	0.2	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1011689	Soil	4	19	2.18	291	0.324	<1	3.50	0.014	1.26	0.2	<0.01	2.1	0.4	<0.05	9	<0.5	<0.2
1011693	Soil	6	34	0.83	187	0.090	1	2.16	0.018	0.07	0.1	0.01	4.5	0.2	<0.05	7	<0.5	<0.2
1011688	Soil	4	33	1.50	240	0.247	<1	2.85	0.012	0.90	0.3	<0.01	1.7	0.4	<0.05	10	<0.5	<0.2
1011684	Soil	6	78	1.82	336	0.307	<1	3.47	0.018	0.52	0.2	<0.01	4.3	0.3	<0.05	11	<0.5	<0.2
1011686	Soil	4	18	1.31	338	0.208	<1	2.82	0.023	0.23	0.2	0.01	5.1	0.1	<0.05	12	<0.5	<0.2
1011683	Soil	8	33	0.48	188	0.075	<1	1.93	0.014	0.08	0.2	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011691	Soil	0.8	10.9	7.0	102	<0.1	15.7	12.8	1139	3.85	4.9	0.4	<0.5	2.3	35	0.2	0.3	0.2	80	0.36	0.076
1011692	Soil	1.0	17.3	8.7	64	<0.1	20.9	10.7	450	3.42	10.9	0.6	1.1	5.1	21	<0.1	0.6	0.2	75	0.17	0.028
1027897	Soil	0.6	8.5	54.8	60	<0.1	11.9	8.1	765	2.31	5.4	2.7	<0.5	39.6	24	<0.1	0.5	0.6	40	0.29	0.044
1027898	Soil	0.7	10.3	30.1	73	<0.1	15.4	8.6	673	2.77	5.9	2.5	<0.5	46.8	23	<0.1	0.4	0.6	58	0.29	0.041
1011687	Soil	2.1	41.0	5.7	42	<0.1	18.1	12.0	325	2.58	6.5	0.3	5.0	2.0	18	<0.1	0.3	0.7	70	0.51	0.151
1011685	Soil	1.0	15.5	5.1	104	<0.1	15.8	13.4	830	5.20	5.4	0.6	4.2	5.0	27	<0.1	0.2	0.3	87	0.40	0.059
1027756	Soil	0.8	10.1	17.0	52	<0.1	13.5	8.7	528	2.33	5.1	1.3	1.3	11.0	23	0.1	0.4	0.3	52	0.28	0.036
1027754	Soil	0.9	11.7	30.4	63	<0.1	16.6	7.9	361	2.77	8.3	1.7	<0.5	22.5	17	<0.1	0.5	0.7	59	0.17	0.044
1027896	Soil	0.5	8.1	24.4	32	<0.1	7.7	4.4	716	1.47	3.9	2.0	0.9	32.2	17	<0.1	0.3	0.3	22	0.22	0.023
1011698	Soil	0.9	9.6	21.6	62	<0.1	13.4	7.3	518	2.34	7.5	1.7	0.6	9.3	15	0.1	0.5	0.2	50	0.17	0.025
1027757	Soil	1.5	14.6	10.6	70	<0.1	15.2	8.1	357	3.06	9.0	0.7	1.5	3.3	16	<0.1	0.4	0.2	64	0.17	0.030
1011695	Soil	1.3	9.4	17.8	82	0.1	18.7	12.0	988	2.85	5.2	0.8	1.1	11.8	17	0.2	0.3	0.4	63	0.20	0.048
1027755	Soil	0.9	17.5	18.5	62	<0.1	22.3	10.0	468	3.06	10.7	2.0	1.2	21.6	21	<0.1	0.5	0.3	68	0.24	0.029
1011699	Soil	1.0	12.6	15.6	92	<0.1	19.7	10.9	951	3.06	8.5	1.0	1.0	8.7	19	0.1	0.5	0.2	75	0.20	0.051
1027753	Soil	0.8	10.2	42.3	74	<0.1	15.2	8.6	647	2.65	5.3	2.2	0.7	45.0	24	0.1	0.3	0.5	53	0.29	0.043
1027895	Soil	0.5	9.2	25.7	34	<0.1	8.4	4.3	946	1.46	4.0	2.7	1.1	38.1	18	<0.1	0.2	0.4	23	0.25	0.023
1011690	Soil	0.6	28.1	8.0	106	<0.1	26.4	16.4	675	4.11	6.2	0.9	3.0	6.0	38	<0.1	0.3	<0.1	76	0.41	0.067
1027894	Soil	0.9	8.2	17.2	58	<0.1	14.1	8.3	572	2.23	5.8	1.1	0.5	18.8	20	<0.1	0.4	0.2	49	0.22	0.025
1011682	Soil	3.6	38.6	21.6	111	<0.1	29.6	9.6	486	3.64	25.8	1.3	1.0	2.8	26	0.2	1.3	0.3	110	0.25	0.055
1011696	Soil	1.0	11.2	16.7	73	<0.1	19.5	10.7	848	2.87	8.4	1.0	1.4	11.7	25	0.1	0.4	0.3	67	0.27	0.036
1011697	Soil	0.9	11.4	29.0	53	<0.1	13.8	6.9	438	2.41	12.8	2.0	<0.5	18.3	20	<0.1	0.6	0.3	46	0.22	0.029
1011694	Soil	2.4	22.9	8.4	78	0.1	17.3	16.0	773	4.23	5.6	0.3	<0.5	1.8	24	0.1	0.3	0.2	106	0.36	0.072
1011681	Soil	0.5	16.6	4.6	87	<0.1	22.1	21.3	748	4.28	4.2	0.2	<0.5	2.3	15	<0.1	0.2	<0.1	95	0.23	0.041
1011700	Soil	1.0	9.8	20.6	88	<0.1	15.9	8.6	592	3.01	6.3	2.4	<0.5	24.0	19	0.1	0.4	0.3	64	0.23	0.057

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000440.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011691	Soil	7	27	0.83	420	0.142	1	2.37	0.018	0.13	0.2	0.02	3.9	0.1	<0.05	9	0.6	<0.2
1011692	Soil	9	32	0.70	162	0.121	2	2.37	0.012	0.10	0.2	0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1027897	Soil	17	19	0.40	175	0.013	1	1.84	0.010	0.07	0.5	<0.01	2.6	0.2	<0.05	6	<0.5	<0.2
1027898	Soil	22	30	0.51	122	0.052	<1	2.03	0.010	0.07	0.2	<0.01	3.6	0.3	<0.05	7	<0.5	<0.2
1011687	Soil	5	26	0.79	230	0.085	<1	1.78	0.022	0.04	0.2	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1011685	Soil	21	26	2.45	354	0.328	1	3.71	0.016	0.67	0.2	0.02	8.3	0.8	<0.05	15	<0.5	<0.2
1027756	Soil	10	24	0.37	154	0.040	2	1.64	0.009	0.07	0.1	0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
1027754	Soil	9	26	0.44	125	0.033	<1	1.96	0.011	0.10	0.2	<0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1027896	Soil	16	12	0.34	111	0.006	<1	1.22	0.006	0.05	0.5	0.03	2.9	0.1	<0.05	4	<0.5	<0.2
1011698	Soil	10	22	0.31	149	0.025	1	1.63	0.008	0.08	0.2	0.02	1.8	0.2	<0.05	5	<0.5	<0.2
1027757	Soil	9	31	0.46	196	0.060	1	1.85	0.009	0.07	0.1	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1011695	Soil	8	27	0.47	167	0.068	1	2.00	0.010	0.07	0.1	0.02	2.7	0.3	<0.05	7	<0.5	<0.2
1027755	Soil	15	37	0.54	134	0.071	2	2.20	0.010	0.12	0.1	0.02	4.6	0.1	<0.05	7	<0.5	<0.2
1011699	Soil	9	32	0.52	231	0.070	3	2.15	0.008	0.07	0.1	0.01	2.9	0.3	<0.05	7	<0.5	<0.2
1027753	Soil	20	26	0.51	127	0.037	<1	2.13	0.009	0.09	0.3	0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1027895	Soil	21	13	0.35	110	0.006	<1	1.20	0.006	0.05	0.6	0.02	3.6	0.2	<0.05	5	<0.5	<0.2
1011690	Soil	27	46	1.40	316	0.216	1	2.69	0.014	0.59	0.4	0.02	4.4	0.3	<0.05	8	<0.5	<0.2
1027894	Soil	13	23	0.40	118	0.030	<1	1.82	0.008	0.07	0.2	<0.01	2.8	0.2	<0.05	6	<0.5	<0.2
1011682	Soil	7	69	0.76	241	0.113	2	2.03	0.010	0.23	1.0	0.02	3.3	0.2	<0.05	9	<0.5	<0.2
1011696	Soil	10	31	0.49	207	0.067	<1	2.07	0.011	0.16	0.1	0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1011697	Soil	8	23	0.38	153	0.025	<1	1.82	0.009	0.10	0.2	<0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1011694	Soil	7	34	0.79	275	0.071	<1	2.53	0.023	0.08	0.1	<0.01	4.8	0.2	<0.05	9	<0.5	<0.2
1011681	Soil	4	21	1.92	236	0.270	<1	3.25	0.014	0.98	0.2	<0.01	2.0	0.3	<0.05	9	<0.5	<0.2
1011700	Soil	12	28	0.52	145	0.064	1	2.35	0.009	0.10	0.1	0.02	3.0	0.3	<0.05	8	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000440.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1013770	Soil	0.8	7.6	23.3	31	<0.1	7.0	3.4	124	1.60	4.9	2.3	1.1	19.9	7	<0.1	0.7	2.7	33	0.08	0.021
REP 1013770	QC	0.7	7.3	22.3	29	<0.1	6.8	3.3	119	1.54	4.7	2.2	<0.5	19.2	6	<0.1	0.7	2.6	32	0.07	0.020
1013780	Soil	0.7	9.5	33.7	92	<0.1	17.1	12.3	1256	2.86	3.6	5.6	<0.5	52.4	28	<0.1	0.2	0.8	57	0.49	0.075
REP 1013780	QC	0.8	10.4	34.3	93	<0.1	17.7	12.5	1333	2.89	3.6	5.1	1.3	48.2	29	0.1	0.3	0.8	57	0.51	0.082
1013624	Soil	0.9	35.8	6.9	82	<0.1	23.8	13.6	524	3.47	12.9	1.2	2.0	5.7	32	0.1	0.5	0.2	78	0.46	0.085
REP 1013624	QC	1.0	36.8	7.3	83	0.1	22.9	13.5	538	3.46	11.8	1.2	2.7	5.9	33	0.3	0.5	0.2	80	0.46	0.090
1013633	Soil	1.1	13.8	12.4	52	<0.1	14.3	6.3	227	2.44	8.0	1.9	1.1	2.7	23	0.2	0.3	0.6	67	0.26	0.044
REP 1013633	QC	1.1	14.0	11.8	51	<0.1	14.0	5.9	227	2.44	8.0	1.9	6.9	2.8	23	0.2	0.4	0.5	69	0.26	0.048
1013121	Soil	0.9	13.7	28.2	45	0.1	11.6	5.4	289	2.24	6.9	4.1	1.0	19.3	22	<0.1	0.3	0.7	55	0.27	0.027
REP 1013121	QC	1.0	13.6	27.4	45	0.1	11.9	5.7	277	2.21	8.0	4.3	<0.5	20.2	21	<0.1	0.3	0.7	60	0.26	0.031
1013059	Soil	0.9	11.8	16.8	53	<0.1	15.2	7.2	383	2.65	8.3	5.6	1.3	17.1	24	<0.1	0.4	0.4	61	0.29	0.041
REP 1013059	QC	0.9	11.8	16.5	50	<0.1	15.3	7.5	376	2.56	8.0	5.5	1.4	17.3	24	<0.1	0.4	0.4	65	0.31	0.040
1022999	Soil	1.5	36.4	9.4	55	0.1	18.3	9.1	343	3.67	9.7	0.8	3.1	1.8	20	0.2	0.7	0.2	70	0.22	0.054
REP 1022999	QC	1.6	37.6	9.6	58	0.1	19.3	9.6	356	3.83	9.9	0.7	3.3	1.9	19	0.3	0.6	0.3	72	0.21	0.053
1013523	Soil	0.9	20.8	7.4	57	<0.1	17.5	9.6	340	2.63	8.5	0.8	2.3	3.0	23	0.2	0.4	0.2	57	0.24	0.064
REP 1013523	QC	0.8	19.6	7.1	54	<0.1	16.9	9.3	333	2.55	7.8	0.8	2.9	3.0	23	0.2	0.4	0.1	56	0.24	0.062
1022956	Soil	0.7	20.0	19.7	61	<0.1	20.5	10.2	615	2.69	8.1	4.3	2.7	21.2	25	0.1	0.4	0.5	61	0.29	0.060
REP 1022956	QC	0.8	19.2	19.4	59	<0.1	19.9	10.2	644	2.66	7.9	4.0	2.0	19.6	24	0.1	0.5	0.5	61	0.26	0.057
1014513	Soil	0.8	22.3	11.0	57	<0.1	27.1	12.8	331	2.88	9.3	1.3	4.7	10.7	22	0.1	0.4	0.2	67	0.20	0.025
REP 1014513	QC	0.9	22.9	11.0	56	<0.1	26.4	12.6	334	2.86	8.7	1.3	2.3	10.5	22	0.1	0.5	0.2	68	0.20	0.026
1027767	Soil	2.4	147.1	5.2	115	<0.1	15.4	14.9	547	5.75	5.9	0.6	3.5	2.9	33	0.1	0.2	0.1	142	0.19	0.031
REP 1027767	QC	2.5	146.7	5.2	113	<0.1	15.5	15.0	545	5.69	5.7	0.6	<0.5	2.8	30	0.1	0.2	0.1	144	0.19	0.033
1027766	Soil	0.7	51.6	5.0	81	<0.1	18.9	17.5	514	4.20	5.4	0.3	<0.5	1.7	46	<0.1	0.3	0.2	111	0.31	0.032
REP 1027766	QC	0.7	50.6	5.2	79	<0.1	18.7	18.5	522	4.19	5.3	0.3	<0.5	1.8	48	<0.1	0.3	0.2	117	0.32	0.032
1011696	Soil	1.0	11.2	16.7	73	<0.1	19.5	10.7	848	2.87	8.4	1.0	1.4	11.7	25	0.1	0.4	0.3	67	0.27	0.036
REP 1011696	QC	1.0	11.7	16.6	73	<0.1	20.3	11.0	861	2.84	8.0	0.9	3.5	11.6	25	0.2	0.4	0.3	67	0.28	0.038
Reference Materials																					
STD DS8	Standard	13.2	107.8	121.4	306	1.7	38.9	7.4	598	2.39	25.0	2.6	110.4	6.4	60	2.2	5.2	6.3	41	0.64	0.077

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000440.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1013770	Soil	6	14	0.14	63	0.013	<1	1.17	0.010	0.06	1.0	0.03	1.7	0.2	<0.05	3	<0.5	<0.2
REP 1013770	QC	6	13	0.14	57	0.013	1	1.14	0.008	0.06	0.9	0.03	1.6	0.2	<0.05	3	<0.5	<0.2
1013780	Soil	15	26	0.46	172	0.090	3	1.92	0.017	0.11	0.2	0.02	4.2	0.2	<0.05	8	<0.5	<0.2
REP 1013780	QC	16	27	0.53	184	0.089	2	2.00	0.014	0.12	0.2	0.03	4.0	0.2	<0.05	8	<0.5	<0.2
1013624	Soil	20	41	0.92	247	0.140	2	2.03	0.017	0.30	0.4	0.03	6.7	0.2	<0.05	7	<0.5	<0.2
REP 1013624	QC	20	43	0.96	257	0.143	1	2.05	0.017	0.31	0.4	0.03	6.9	0.2	<0.05	7	0.6	<0.2
1013633	Soil	12	28	0.52	154	0.094	2	1.50	0.011	0.06	0.2	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
REP 1013633	QC	12	27	0.52	154	0.095	2	1.53	0.011	0.07	0.2	0.03	2.8	0.2	<0.05	7	<0.5	<0.2
1013121	Soil	22	24	0.39	131	0.055	<1	1.81	0.011	0.06	0.2	0.03	3.4	0.3	<0.05	7	<0.5	<0.2
REP 1013121	QC	22	24	0.42	132	0.055	1	1.83	0.012	0.06	0.2	0.03	3.5	0.3	<0.05	7	<0.5	<0.2
1013059	Soil	17	26	0.50	186	0.073	2	1.76	0.014	0.04	0.2	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
REP 1013059	QC	17	27	0.52	187	0.079	2	1.80	0.014	0.05	0.2	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1022999	Soil	8	28	0.45	104	0.089	2	1.79	0.011	0.07	5.0	0.06	2.2	<0.1	<0.05	7	<0.5	<0.2
REP 1022999	QC	8	30	0.44	101	0.088	1	1.78	0.010	0.06	4.8	0.06	2.2	<0.1	<0.05	7	<0.5	<0.2
1013523	Soil	13	27	0.55	164	0.071	1	1.82	0.012	0.07	0.3	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
REP 1013523	QC	12	27	0.54	151	0.070	<1	1.81	0.011	0.07	0.3	0.02	3.0	0.1	<0.05	5	0.7	<0.2
1022956	Soil	20	32	0.59	189	0.089	2	1.96	0.014	0.07	0.2	0.02	3.7	0.2	<0.05	6	0.5	<0.2
REP 1022956	QC	20	32	0.55	179	0.080	2	2.24	0.013	0.07	0.2	0.02	3.4	0.2	<0.05	5	0.6	<0.2
1014513	Soil	13	41	0.61	175	0.110	1	2.43	0.013	0.06	0.1	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
REP 1014513	QC	13	39	0.60	175	0.105	2	2.94	0.013	0.06	0.1	0.02	4.1	0.2	<0.05	6	0.9	<0.2
1027767	Soil	6	31	2.09	487	0.264	1	4.14	0.027	0.66	0.1	0.01	11.2	0.2	0.26	13	1.5	<0.2
REP 1027767	QC	6	31	2.12	486	0.256	<1	4.05	0.031	0.67	0.1	0.01	10.7	0.2	0.28	12	1.2	<0.2
1027766	Soil	4	33	1.39	336	0.206	1	2.96	0.018	0.31	0.4	<0.01	5.1	<0.1	<0.05	9	<0.5	<0.2
REP 1027766	QC	4	33	1.41	332	0.209	<1	2.96	0.019	0.33	0.4	<0.01	4.8	0.1	<0.05	8	<0.5	<0.2
1011696	Soil	10	31	0.49	207	0.067	<1	2.07	0.011	0.16	0.1	0.01	3.2	0.2	<0.05	7	<0.5	<0.2
REP 1011696	QC	10	32	0.49	210	0.065	<1	2.05	0.010	0.16	0.1	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	117	0.60	267	0.108	3	0.86	0.085	0.41	2.9	0.22	1.9	5.2	0.17	4	4.9	4.6

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Client: **Ethos Capital Corp.**
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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000440.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	14.4	109.5	122.1	307	1.8	38.3	7.5	604	2.41	25.2	2.7	107.6	6.8	64	2.3	5.3	6.2	43	0.67	0.072
STD DS8	Standard	14.3	109.9	126.6	314	1.7	37.7	7.4	634	2.48	26.9	3.1	104.7	7.3	75	2.5	6.3	7.4	42	0.70	0.081
STD DS8	Standard	14.0	111.7	130.8	324	1.7	37.8	7.4	647	2.50	27.1	3.1	104.4	7.1	74	2.4	6.1	7.3	42	0.70	0.083
STD DS8	Standard	11.9	112.1	132.5	319	1.8	37.7	7.5	614	2.45	28.6	3.0	103.6	7.0	71	2.6	6.1	7.5	41	0.67	0.085
STD DS8	Standard	12.9	109.4	130.5	317	1.7	38.8	7.4	618	2.46	26.8	3.1	114.2	7.1	72	2.3	6.5	7.4	43	0.66	0.080
STD DS8	Standard	12.5	115.8	131.5	310	1.7	39.0	7.7	620	2.38	25.9	2.9	94.9	6.6	68	2.5	5.9	7.2	41	0.65	0.081
STD DS8	Standard	13.1	116.2	132.2	324	1.7	40.8	7.9	626	2.52	27.4	3.0	125.3	6.9	69	2.5	6.0	7.4	44	0.67	0.084
STD DS8	Standard	12.3	117.0	117.7	320	1.8	40.5	8.2	619	2.42	26.2	2.4	104.6	6.2	60	2.4	5.2	5.8	46	0.68	0.085
STD DS8	Standard	13.0	123.3	121.6	329	1.8	43.3	8.4	641	2.54	26.5	2.5	113.3	6.3	58	2.1	5.1	6.0	47	0.70	0.087
STD DS8	Standard	14.3	127.2	132.1	344	1.9	41.4	8.3	675	2.64	30.0	3.2	114.7	8.0	76	2.6	6.5	7.6	48	0.72	0.087
STD DS8	Standard	15.0	117.3	139.2	325	1.9	40.1	8.2	654	2.64	27.4	3.2	107.5	8.0	72	2.5	6.6	7.7	47	0.71	0.084
STD DS8	Standard	13.3	105.7	117.5	316	1.7	37.7	7.7	615	2.45	28.3	2.5	105.8	6.1	62	2.3	5.5	6.3	43	0.68	0.083
STD DS8	Standard	15.0	109.7	127.1	321	1.8	41.2	8.1	657	2.58	28.3	2.7	113.1	6.5	70	2.4	5.7	6.3	44	0.72	0.084
STD DS8	Standard	13.7	106.4	134.1	334	1.8	40.4	8.0	665	2.64	28.1	2.9	123.2	7.5	73	2.3	6.2	6.7	45	0.69	0.089
STD DS8	Standard	13.8	107.5	139.0	326	1.9	40.3	8.1	655	2.61	26.6	3.1	112.9	7.5	77	2.1	5.8	7.0	43	0.72	0.082
STD DS8	Standard	13.4	118.2	128.7	349	2.0	39.2	7.8	649	2.64	29.4	2.9	165.5	7.4	74	2.5	5.9	7.3	45	0.73	0.091
STD DS8	Standard	14.0	123.3	134.2	346	2.0	41.6	7.8	685	2.68	29.4	3.1	130.4	8.2	75	2.7	5.9	7.9	47	0.76	0.091
STD DS8	Standard	12.6	112.8	125.9	328	1.8	37.8	7.8	646	2.58	25.7	2.9	128.9	7.1	64	2.1	5.5	6.4	42	0.67	0.082
STD DS8	Standard	13.3	112.3	124.0	313	1.8	38.9	7.6	626	2.48	26.6	2.8	122.7	7.3	66	2.2	5.7	6.2	42	0.68	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000440.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	120	0.59	282	0.116	3	0.86	0.089	0.41	3.0	0.19	2.0	5.2	0.17	4	5.2	4.5
STD DS8	Standard	15	118	0.59	290	0.124	3	0.96	0.100	0.41	3.2	0.19	2.0	5.2	0.14	5	4.8	4.7
STD DS8	Standard	15	117	0.63	295	0.119	3	0.95	0.097	0.42	3.0	0.19	2.0	5.3	0.15	5	4.7	4.5
STD DS8	Standard	13	115	0.60	292	0.117	3	0.93	0.094	0.44	3.2	0.18	2.2	5.4	0.18	5	5.4	5.6
STD DS8	Standard	14	116	0.62	292	0.120	3	0.90	0.106	0.45	3.1	0.19	2.2	5.3	0.17	5	5.6	4.3
STD DS8	Standard	13	120	0.61	256	0.111	2	0.87	0.086	0.40	2.8	0.20	2.0	5.2	0.17	4	5.7	4.3
STD DS8	Standard	14	123	0.64	268	0.119	2	0.90	0.088	0.41	3.0	0.19	2.0	5.5	0.16	5	6.8	4.6
STD DS8	Standard	14	124	0.51	267	0.124	3	0.94	0.100	0.43	2.8	0.21	2.1	5.2	0.10	5	4.3	5.1
STD DS8	Standard	14	131	0.61	274	0.125	4	1.00	0.109	0.43	2.8	0.21	2.2	5.4	0.12	4	4.4	4.8
STD DS8	Standard	16	130	0.65	295	0.136	2	0.95	0.102	0.43	3.0	0.22	3.0	5.5	0.09	5	6.3	5.4
STD DS8	Standard	16	124	0.63	300	0.134	3	0.95	0.101	0.43	3.0	0.24	2.8	5.9	0.12	5	5.3	5.4
STD DS8	Standard	14	114	0.60	258	0.110	3	0.90	0.090	0.43	2.9	0.19	2.2	5.0	0.18	5	4.8	4.6
STD DS8	Standard	16	121	0.63	280	0.117	3	0.95	0.101	0.43	3.0	0.20	2.2	5.5	0.20	5	5.2	5.3
STD DS8	Standard	15	122	0.65	290	0.121	4	0.99	0.103	0.43	3.2	0.19	2.0	5.3	0.19	5	6.3	4.9
STD DS8	Standard	16	122	0.63	298	0.118	3	0.98	0.103	0.44	3.2	0.17	2.0	6.1	0.17	5	6.6	5.1
STD DS8	Standard	15	125	0.67	294	0.128	3	0.99	0.097	0.45	3.1	0.22	2.1	5.5	0.17	5	6.5	5.2
STD DS8	Standard	16	131	0.69	302	0.132	3	1.02	0.100	0.45	3.0	0.21	2.2	5.7	0.17	5	5.5	5.4
STD DS8	Standard	14	119	0.64	274	0.118	2	0.92	0.088	0.42	3.1	0.21	2.0	5.6	0.15	5	6.0	5.7
STD DS8	Standard	16	117	0.62	281	0.122	3	0.90	0.085	0.42	3.2	0.22	1.9	5.6	0.12	5	5.7	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000440.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000440.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: July 15, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000458.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-11
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Peter Tallman

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010270	Soil	0.7	23.0	9.7	59	0.2	20.6	11.1	352	2.63	6.9	2.1	2.9	5.9	26	0.1	0.5	0.2	52	0.34	0.051
1010267	Soil	0.4	123.2	2.3	42	<0.1	15.9	25.5	428	3.52	3.3	0.2	0.8	1.2	23	<0.1	0.2	<0.1	100	0.74	0.102
1010268	Soil	0.9	44.7	8.0	61	<0.1	26.0	14.3	384	3.20	9.6	0.6	4.3	4.0	23	<0.1	0.6	0.1	72	0.40	0.059
1010275	Soil	0.6	30.7	7.5	94	<0.1	7.6	9.3	497	3.00	1.2	1.1	<0.5	7.1	66	0.2	0.2	<0.1	41	0.64	0.048
1010277	Soil	0.8	33.3	11.9	88	<0.1	22.7	12.8	345	3.20	7.6	0.7	2.8	5.7	30	0.1	0.5	0.1	66	0.31	0.032
1010269	Soil	0.8	73.6	10.2	82	<0.1	24.5	22.8	589	4.79	5.7	0.9	0.9	8.8	38	<0.1	0.3	<0.1	115	0.62	0.045
1010276	Soil	0.6	23.4	8.0	135	<0.1	12.7	17.4	977	4.47	1.1	0.8	7.6	4.6	32	0.2	0.2	<0.1	84	0.39	0.094
1010266	Soil	0.8	42.9	9.0	64	<0.1	21.0	12.7	428	3.46	6.7	1.0	2.3	10.3	28	0.1	0.5	0.1	68	0.47	0.052
1010273	Soil	0.7	19.7	6.8	63	<0.1	18.7	8.8	361	2.75	7.0	0.9	3.3	4.0	25	0.1	0.4	0.1	50	0.27	0.050
1010272	Soil	0.7	23.6	5.5	92	<0.1	6.6	7.7	477	3.33	1.6	1.5	1.3	21.0	30	0.1	0.2	0.1	34	0.28	0.038
1010265	Soil	0.7	26.3	7.6	52	<0.1	21.8	12.4	302	3.12	5.2	0.7	1.7	6.1	22	<0.1	0.3	0.1	71	0.35	0.035
1010279	Soil	0.5	24.9	4.6	98	<0.1	13.1	15.9	828	4.69	3.2	1.2	1.6	9.1	33	<0.1	0.2	<0.1	78	0.49	0.074
1010278	Soil	0.5	17.5	5.3	128	<0.1	13.1	23.6	832	6.06	2.4	0.5	<0.5	5.4	33	<0.1	0.1	<0.1	107	0.50	0.108
1010254	Soil	0.6	27.4	6.4	99	<0.1	27.7	23.0	791	4.60	7.3	0.9	2.9	4.5	42	<0.1	0.3	<0.1	103	0.56	0.069
1010274	Soil	0.8	30.6	8.2	73	<0.1	19.3	9.8	382	3.32	5.9	1.5	0.9	12.5	35	0.1	0.4	0.2	58	0.33	0.022
1010287	Soil	1.1	14.7	9.5	78	<0.1	19.3	11.6	475	2.86	8.0	0.5	2.9	3.1	28	0.1	0.5	0.2	63	0.41	0.046
1010253	Soil	1.1	27.5	8.7	66	<0.1	25.8	11.6	389	3.15	10.5	1.1	2.5	7.2	25	<0.1	0.7	0.1	64	0.33	0.038
1010252	Soil	0.7	22.6	6.4	56	<0.1	21.5	9.6	333	2.79	9.2	0.7	1.3	5.4	27	<0.1	0.6	<0.1	53	0.30	0.046
1010251	Soil	0.7	27.2	7.7	64	<0.1	23.8	14.2	496	3.49	9.3	0.6	2.5	3.6	38	<0.1	0.5	0.1	77	0.41	0.037
1010284	Soil	0.5	22.4	4.8	73	<0.1	44.1	23.5	509	3.58	5.4	0.3	<0.5	2.2	24	<0.1	0.3	<0.1	70	0.41	0.060
1010286	Soil	0.9	22.2	7.7	67	<0.1	24.1	12.5	421	3.10	12.5	1.0	0.8	12.3	23	0.1	0.5	0.1	62	0.29	0.034
1010372	Soil	0.2	169.7	1.4	55	0.1	21.4	39.1	583	5.15	1.5	0.4	1.3	0.5	41	<0.1	<0.1	<0.1	145	2.07	0.040
1010380	Soil	0.6	45.9	7.1	47	<0.1	31.3	11.4	350	2.73	11.8	0.7	5.6	4.0	31	0.1	0.6	0.1	59	0.42	0.059
1010378	Soil	0.4	34.1	6.2	102	<0.1	33.4	21.7	754	3.84	4.6	0.4	2.2	2.4	29	<0.1	0.2	<0.1	90	0.57	0.115
1010377	Soil	0.5	23.0	4.6	63	<0.1	18.4	17.3	469	3.44	5.7	0.4	1.8	3.4	25	<0.1	0.3	<0.1	77	0.39	0.050
1010379	Soil	0.3	44.8	3.3	80	<0.1	26.0	24.9	670	4.35	3.9	0.4	2.1	2.0	30	<0.1	0.2	<0.1	95	0.60	0.091
1010376	Soil	0.7	40.6	7.3	105	<0.1	16.1	21.4	583	4.83	5.6	0.8	<0.5	5.8	18	0.1	0.3	<0.1	114	0.37	0.070
1010371	Soil	0.9	22.5	8.1	65	<0.1	21.7	11.6	463	3.61	8.0	1.1	0.8	8.8	23	<0.1	0.4	<0.1	56	0.39	0.045
1010367	Soil	0.9	12.9	9.0	79	<0.1	16.6	10.9	392	3.29	5.5	0.6	0.7	5.4	25	<0.1	0.4	0.1	64	0.29	0.034
1010375	Soil	0.7	28.4	5.3	46	<0.1	20.9	8.7	361	1.97	9.7	0.7	1.1	2.7	229	0.3	0.6	<0.1	44	7.65	0.073

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010270	Soil		19	32	0.53	353	0.051	3	1.70	0.011	0.06	0.2	0.03	3.8	<0.1	<0.05	5	<0.5	<0.2
1010267	Soil		3	13	1.81	117	0.140	3	2.31	0.082	0.13	<0.1	0.01	6.3	<0.1	<0.05	6	<0.5	<0.2
1010268	Soil		8	37	0.87	274	0.085	3	1.93	0.026	0.09	0.1	0.02	4.5	<0.1	<0.05	6	<0.5	<0.2
1010275	Soil		10	14	0.68	283	0.057	3	2.20	0.008	0.13	<0.1	<0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1010277	Soil		16	32	0.71	274	0.121	2	1.99	0.012	0.10	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1010269	Soil		17	30	1.53	227	0.149	2	2.83	0.049	0.07	<0.1	0.01	7.2	<0.1	<0.05	9	<0.5	<0.2
1010276	Soil		15	24	1.41	190	0.149	2	2.52	0.011	0.59	<0.1	0.01	3.4	0.3	<0.05	9	<0.5	<0.2
1010266	Soil		29	33	0.77	228	0.079	2	1.96	0.020	0.09	0.1	0.03	6.0	<0.1	<0.05	6	<0.5	<0.2
1010273	Soil		15	25	0.49	266	0.057	2	1.48	0.011	0.07	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1010272	Soil		34	11	0.67	314	0.071	3	1.61	0.009	0.36	<0.1	0.01	3.4	0.2	<0.05	7	<0.5	<0.2
1010265	Soil		11	33	0.68	219	0.092	3	2.17	0.017	0.09	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1010279	Soil		21	23	1.39	231	0.240	3	2.52	0.013	0.74	0.1	<0.01	4.0	0.4	<0.05	10	<0.5	<0.2
1010278	Soil		5	19	1.66	302	0.305	2	3.09	0.013	1.42	0.2	0.01	2.5	0.5	<0.05	11	<0.5	<0.2
1010254	Soil		15	41	2.02	328	0.212	2	2.76	0.015	0.33	0.1	0.02	5.8	0.1	<0.05	8	<0.5	<0.2
1010274	Soil		20	30	0.61	250	0.103	2	1.80	0.018	0.12	0.1	0.03	5.2	<0.1	<0.05	6	<0.5	<0.2
1010287	Soil		9	34	0.58	269	0.086	3	1.63	0.013	0.20	0.2	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1010253	Soil		20	38	0.77	200	0.117	2	1.76	0.016	0.18	0.2	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1010252	Soil		14	30	0.60	191	0.076	1	1.55	0.014	0.12	0.2	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1010251	Soil		13	30	0.80	245	0.110	2	1.85	0.022	0.26	0.1	0.02	5.2	<0.1	<0.05	6	<0.5	<0.2
1010284	Soil		6	100	1.79	212	0.180	<1	2.42	0.012	0.61	0.1	0.01	2.7	0.4	<0.05	6	<0.5	<0.2
1010286	Soil		17	34	0.75	225	0.108	3	1.79	0.014	0.32	0.1	0.01	4.3	0.2	<0.05	5	<0.5	<0.2
1010372	Soil		1	49	2.98	234	0.250	1	2.82	0.127	0.43	<0.1	0.01	8.0	0.1	<0.05	8	<0.5	<0.2
1010380	Soil		17	30	0.61	169	0.074	4	1.28	0.015	0.09	0.1	0.07	4.6	<0.1	<0.05	4	<0.5	<0.2
1010378	Soil		7	70	1.91	235	0.177	1	2.19	0.012	0.48	0.1	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1010377	Soil		8	28	1.40	198	0.181	2	2.01	0.015	0.49	<0.1	0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1010379	Soil		9	33	2.16	326	0.234	2	2.45	0.015	0.74	<0.1	0.04	2.7	0.2	<0.05	7	<0.5	<0.2
1010376	Soil		25	22	1.88	211	0.180	1	2.60	0.018	0.44	<0.1	0.02	4.1	0.1	<0.05	11	<0.5	<0.2
1010371	Soil		16	32	0.71	125	0.091	1	1.89	0.011	0.15	0.1	0.03	4.6	<0.1	<0.05	7	<0.5	<0.2
1010367	Soil		12	29	0.71	148	0.099	2	2.12	0.009	0.10	<0.1	0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1010375	Soil		10	21	0.97	353	0.068	3	1.02	0.032	0.08	0.1	0.04	3.0	<0.1	0.05	3	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010374	Soil	1.0	29.3	8.7	62	0.1	27.4	10.8	357	3.14	11.6	0.8	2.9	7.5	25	<0.1	0.6	0.1	64	0.39	0.019
1010373	Soil	0.9	21.3	9.0	61	0.1	24.8	12.1	369	3.27	10.3	0.8	1.6	5.5	23	<0.1	0.5	0.1	67	0.34	0.030
1010370	Soil	1.1	31.8	10.4	70	<0.1	25.8	13.2	561	3.73	7.4	1.4	2.5	9.6	28	0.1	0.4	0.1	65	0.41	0.042
1012638	Soil	0.8	18.1	7.3	83	<0.1	18.8	15.2	696	3.29	4.1	0.4	1.5	2.2	43	0.1	0.3	0.1	69	0.51	0.058
1012639	Soil	0.8	103.6	6.9	119	<0.1	48.4	28.3	514	5.50	8.5	0.8	1.0	3.4	40	<0.1	0.5	<0.1	136	0.71	0.104
1012636	Soil	0.6	15.5	4.8	145	<0.1	20.2	21.2	957	5.47	4.9	1.0	1.6	8.4	23	<0.1	0.3	<0.1	131	0.44	0.075
1012637	Soil	0.5	32.7	5.1	92	<0.1	22.6	27.7	815	5.37	3.1	0.8	1.0	5.1	35	<0.1	0.3	<0.1	92	0.52	0.095
1012635	Soil	0.6	12.6	4.9	98	<0.1	16.8	14.6	622	3.90	4.1	0.6	2.6	5.0	21	0.1	0.3	<0.1	89	0.34	0.046
1012634	Soil	0.8	17.0	7.0	81	<0.1	24.9	16.1	484	3.49	5.6	0.4	1.9	2.9	31	<0.1	0.4	<0.1	65	0.42	0.045
1012633	Soil	0.9	12.0	6.6	103	<0.1	15.4	12.9	681	3.25	3.3	0.5	<0.5	3.9	28	0.1	0.3	<0.1	64	0.41	0.065
1012619	Soil	0.8	69.6	7.4	81	0.1	33.1	23.5	754	4.57	5.8	0.6	1.7	5.6	32	<0.1	0.5	0.1	109	0.85	0.052
1012618	Soil	0.2	124.2	2.6	57	<0.1	20.3	29.3	520	4.13	2.5	0.4	1.3	1.6	22	<0.1	0.2	<0.1	112	0.79	0.095
1012617	Soil	0.2	121.2	3.2	57	<0.1	21.5	28.2	520	3.94	2.8	0.4	0.8	1.7	21	<0.1	0.1	<0.1	109	0.77	0.100
1012616	Soil	0.4	44.8	6.0	74	<0.1	22.5	17.8	645	4.09	5.6	0.8	2.1	5.5	34	<0.1	0.4	0.1	85	1.44	0.099
1012615	Soil	0.4	29.4	5.8	87	<0.1	17.4	15.9	530	4.70	4.9	1.3	0.6	12.4	21	<0.1	0.2	0.1	63	0.49	0.110
1012612	Soil	0.7	20.5	8.6	76	<0.1	11.9	11.1	569	3.40	5.2	1.3	<0.5	10.7	18	<0.1	0.3	0.1	40	0.21	0.056
1012611	Soil	0.3	11.6	8.2	79	<0.1	7.6	9.4	477	3.33	1.6	1.4	<0.5	12.3	15	<0.1	0.2	<0.1	30	0.24	0.066
1012614	Soil	0.6	40.1	6.9	80	<0.1	17.8	15.5	550	4.57	3.1	1.3	<0.5	10.1	18	<0.1	0.2	0.2	64	0.37	0.096
1012613	Soil	0.6	56.0	6.1	70	<0.1	22.9	19.5	499	4.52	4.9	0.7	<0.5	5.8	25	0.1	0.3	0.1	100	0.62	0.124
1012631	Soil	0.4	36.4	9.1	102	<0.1	17.3	17.2	779	4.16	3.5	0.9	0.6	4.7	26	0.1	0.2	<0.1	70	0.51	0.062
1012632	Soil	0.7	19.8	10.8	256	<0.1	22.5	19.4	823	4.01	2.3	0.6	0.9	4.3	34	0.4	0.2	<0.1	68	0.48	0.085
1012630	Soil	0.2	31.5	5.4	104	<0.1	7.2	9.1	614	3.58	1.7	1.5	0.8	16.9	20	0.1	0.2	<0.1	50	0.44	0.087
1012629	Soil	0.3	55.8	9.1	87	<0.1	38.1	23.5	972	4.00	2.0	0.8	<0.5	3.1	33	<0.1	0.2	<0.1	96	0.83	0.106
1012628	Soil	0.4	37.1	7.7	105	<0.1	10.0	12.5	736	3.96	1.9	1.8	0.6	18.3	23	0.1	0.1	<0.1	47	0.47	0.131
1012627	Soil	0.8	111.3	60.4	208	<0.1	15.0	14.5	1075	4.64	1.7	2.0	2.0	17.1	20	0.5	0.3	0.2	52	0.36	0.087
1012626	Soil	0.5	31.6	6.4	107	<0.1	14.2	18.4	1071	5.31	5.9	1.4	1.3	6.8	44	0.3	0.3	0.1	92	0.68	0.137
1012625	Soil	1.0	38.7	7.8	78	0.1	25.5	14.2	680	3.25	8.6	0.7	3.1	3.9	57	0.3	0.7	0.1	68	1.19	0.062
1012621	Soil	0.8	22.9	6.5	75	<0.1	23.6	19.2	694	3.50	6.9	0.3	<0.5	3.2	22	0.2	0.4	0.1	79	0.32	0.043
1012622	Soil	1.0	20.5	9.3	52	<0.1	20.1	8.1	242	2.56	8.3	0.5	8.8	2.8	21	0.2	0.5	0.1	62	0.27	0.025
1012624	Soil	0.6	48.2	7.8	84	0.1	23.1	16.6	529	4.34	5.5	1.1	3.1	6.3	32	0.2	0.4	0.1	87	0.69	0.073

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Project: PED
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010374	Soil	29	38	0.60	201	0.081	1	1.73	0.015	0.12	0.1	0.04	5.7	<0.1	<0.05	6	<0.5	<0.2
1010373	Soil	15	39	0.59	151	0.106	2	1.93	0.010	0.20	0.1	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
1010370	Soil	26	34	0.81	140	0.091	3	1.85	0.016	0.14	0.1	0.04	5.1	<0.1	<0.05	7	<0.5	<0.2
1012638	Soil	8	36	0.99	369	0.074	3	2.13	0.013	0.10	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
1012639	Soil	12	89	2.52	300	0.282	2	3.28	0.013	0.40	0.1	0.02	5.3	0.2	<0.05	10	<0.5	<0.2
1012636	Soil	14	41	2.07	264	0.172	<1	3.36	0.010	0.58	0.1	0.01	8.7	0.1	<0.05	15	<0.5	<0.2
1012637	Soil	11	34	2.31	250	0.166	2	3.17	0.009	0.51	<0.1	0.02	3.8	0.2	<0.05	9	<0.5	<0.2
1012635	Soil	10	34	1.34	214	0.132	2	2.42	0.010	0.27	<0.1	0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
1012634	Soil	7	39	1.33	156	0.109	2	2.39	0.009	0.07	0.1	0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1012633	Soil	8	30	0.85	228	0.049	3	2.00	0.011	0.09	0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1012619	Soil	19	55	1.77	274	0.101	2	2.50	0.025	0.13	0.1	0.03	9.7	<0.1	<0.05	8	<0.5	<0.2
1012618	Soil	7	20	2.15	150	0.164	1	2.40	0.069	0.27	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5	<0.2
1012617	Soil	7	20	2.19	153	0.162	3	2.44	0.067	0.26	<0.1	0.02	7.6	<0.1	<0.05	7	<0.5	<0.2
1012616	Soil	20	34	1.48	185	0.104	1	2.07	0.017	0.14	0.1	0.07	6.8	0.1	<0.05	7	<0.5	<0.2
1012615	Soil	26	16	1.12	251	0.074	1	2.17	0.009	0.32	<0.1	0.02	4.5	0.1	<0.05	7	<0.5	<0.2
1012612	Soil	11	19	0.70	188	0.037	2	1.84	0.007	0.18	<0.1	<0.01	2.4	<0.1	<0.05	7	0.5	<0.2
1012611	Soil	16	11	0.60	229	0.044	<1	1.54	0.006	0.23	<0.1	<0.01	1.9	<0.1	<0.05	7	<0.5	<0.2
1012614	Soil	20	24	1.05	258	0.036	<1	2.07	0.008	0.32	<0.1	0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
1012613	Soil	13	30	1.55	208	0.119	<1	2.54	0.024	0.18	<0.1	<0.01	5.4	0.1	<0.05	8	<0.5	<0.2
1012631	Soil	11	36	1.53	236	0.141	1	2.36	0.013	0.31	<0.1	<0.01	5.6	0.1	<0.05	11	<0.5	<0.2
1012632	Soil	7	38	1.49	287	0.164	<1	2.61	0.012	0.18	0.1	<0.01	2.4	<0.1	<0.05	10	<0.5	<0.2
1012630	Soil	32	12	0.89	215	0.181	1	2.12	0.009	0.55	<0.1	<0.01	4.2	0.2	<0.05	9	<0.5	<0.2
1012629	Soil	10	52	1.61	281	0.157	<1	2.54	0.030	0.42	<0.1	<0.01	7.2	0.1	<0.05	8	<0.5	<0.2
1012628	Soil	29	12	0.79	236	0.047	<1	2.12	0.008	0.52	<0.1	<0.01	2.9	<0.1	<0.05	8	<0.5	<0.2
1012627	Soil	34	18	0.68	385	0.040	<1	1.84	0.011	0.50	<0.1	0.04	4.2	<0.1	<0.05	9	0.7	<0.2
1012626	Soil	22	12	0.90	402	0.097	1	2.36	0.020	0.40	<0.1	0.04	3.7	<0.1	<0.05	10	<0.5	<0.2
1012625	Soil	15	33	0.83	389	0.091	2	1.82	0.038	0.11	0.1	0.04	4.2	<0.1	<0.05	6	0.5	<0.2
1012621	Soil	9	34	1.24	423	0.186	2	2.25	0.014	0.71	0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1012622	Soil	10	31	0.47	286	0.054	2	1.72	0.011	0.08	0.2	0.02	3.0	<0.1	<0.05	5	0.5	<0.2
1012624	Soil	19	32	1.26	335	0.088	1	2.44	0.023	0.12	0.1	0.04	6.5	<0.1	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012620	Soil	0.5	34.4	5.8	144	0.3	21.4	21.5	2383	3.81	3.2	0.3	<0.5	2.3	55	0.8	0.3	<0.1	76	0.99	0.178
1012642	Soil	0.5	80.9	10.8	123	<0.1	92.2	40.7	1319	8.45	4.1	0.6	1.2	2.2	27	<0.1	0.2	<0.1	201	0.67	0.144
1012643	Soil	0.6	35.9	4.4	79	<0.1	29.9	24.1	649	4.46	5.8	0.2	<0.5	2.0	25	<0.1	0.3	<0.1	102	0.42	0.075
1012641	Soil	0.8	79.5	3.9	111	<0.1	31.5	28.8	714	4.81	5.1	0.2	0.8	2.4	28	<0.1	0.2	<0.1	103	0.73	0.140
1012640	Soil	0.2	41.6	6.4	106	<0.1	32.3	32.9	1045	6.24	4.5	0.8	2.9	4.6	43	<0.1	0.2	<0.1	108	1.22	0.095
1010029	Soil	0.8	115.9	17.4	90	0.2	222.6	27.5	903	4.63	6.3	0.8	5.0	3.2	67	0.1	0.2	<0.1	99	0.79	0.098
1010024	Soil	1.2	24.4	15.2	71	0.1	27.8	11.3	936	2.59	6.4	1.8	3.1	5.0	59	0.2	0.6	0.2	59	0.88	0.120
1010036	Soil	0.3	8.2	3.1	119	<0.1	9.7	13.1	927	4.90	3.8	0.3	<0.5	1.4	25	<0.1	0.2	<0.1	96	0.44	0.153
1010026	Soil	0.5	14.7	5.3	69	<0.1	13.7	9.7	528	2.43	4.0	0.6	0.7	1.6	61	0.1	0.3	<0.1	49	1.07	0.124
1010035	Soil	0.2	7.2	2.6	121	<0.1	8.1	12.6	905	4.76	2.9	0.3	<0.5	1.4	26	<0.1	0.1	<0.1	99	0.50	0.189
1010034	Soil	0.3	6.2	2.7	113	<0.1	6.3	11.4	941	4.44	2.5	0.3	1.0	1.5	27	<0.1	0.1	<0.1	92	0.51	0.184
1010006	Soil	0.9	13.7	11.1	59	0.1	14.7	9.7	392	3.19	8.3	0.6	1.2	2.4	23	<0.1	0.4	0.2	78	0.26	0.077
1013204	Soil	0.9	5.2	16.3	121	<0.1	10.0	13.0	920	4.16	5.8	0.2	0.7	1.9	49	0.1	0.2	<0.1	79	0.63	0.132
1013231	Soil	0.3	4.9	3.2	133	<0.1	5.2	13.4	1128	4.38	2.7	0.5	0.8	0.9	48	<0.1	<0.1	<0.1	90	0.83	0.247
1013205	Soil	0.8	9.7	9.6	71	<0.1	12.3	9.3	515	3.33	7.2	0.3	0.8	2.6	41	0.1	0.4	0.1	56	0.49	0.065
1013229	Soil	0.4	6.6	6.9	103	<0.1	5.7	8.9	1423	3.25	1.3	0.7	1.2	2.3	44	0.1	0.2	0.4	55	0.88	0.238
1013230	Soil	0.4	4.4	2.7	106	<0.1	4.1	10.3	927	4.15	1.7	0.4	0.7	1.9	35	<0.1	0.1	<0.1	85	0.74	0.264
1013228	Soil	0.7	24.5	18.8	62	<0.1	22.7	8.8	326	2.94	10.9	1.0	4.0	5.1	30	<0.1	0.6	0.4	69	0.31	0.040
1013227	Soil	0.4	9.6	4.1	80	<0.1	6.8	9.6	716	3.21	2.3	0.3	1.4	3.1	40	<0.1	0.1	<0.1	68	0.58	0.145
1013235	Soil	0.6	14.7	8.9	70	<0.1	20.7	11.3	497	3.35	9.0	0.5	1.8	3.6	35	0.1	0.5	0.1	72	0.42	0.059
1013225	Soil	0.4	24.7	13.2	132	0.1	80.9	19.7	837	4.26	6.5	1.2	7.7	6.1	43	0.1	0.2	<0.1	68	0.97	0.101
1010366	Soil	0.6	13.4	11.0	74	<0.1	9.3	11.0	682	4.03	2.1	2.2	0.6	27.1	15	<0.1	0.2	0.1	39	0.26	0.073
1010362	Soil	1.7	14.7	19.9	77	0.1	22.4	10.8	635	3.53	8.9	0.8	1.0	5.1	22	0.2	0.5	0.2	79	0.28	0.038
1010357	Soil	0.9	36.6	9.6	69	<0.1	29.2	12.9	462	3.67	9.3	1.2	3.5	6.6	36	<0.1	0.5	0.2	78	0.39	0.026
1010353	Soil	1.1	15.9	9.5	55	<0.1	22.4	11.5	398	3.10	10.1	0.6	2.5	4.9	21	0.1	0.4	0.1	62	0.24	0.036
1010369	Soil	0.8	18.0	15.8	65	<0.1	22.1	12.1	538	3.59	7.7	1.3	1.6	13.3	23	0.1	0.4	0.1	54	0.35	0.039
1010361	Soil	0.7	54.2	8.7	221	<0.1	13.6	16.1	1152	5.18	5.1	0.8	6.4	7.7	18	<0.1	0.2	<0.1	136	0.26	0.046
1010358	Soil	0.8	31.7	11.8	66	<0.1	22.3	11.4	485	3.49	7.1	1.6	2.9	10.1	31	<0.1	0.4	0.1	70	0.39	0.037
1010352	Soil	1.6	68.2	30.6	242	0.2	23.4	12.1	332	3.78	23.3	1.0	2.1	4.5	24	0.3	0.3	0.4	82	0.19	0.036
1010364	Soil	0.8	16.0	11.2	91	<0.1	16.2	14.0	638	4.24	6.1	1.3	0.7	14.9	26	<0.1	0.3	<0.1	73	0.34	0.047

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012620	Soil	6	31	1.37	933	0.164	3	2.25	0.017	0.57	0.1	0.03	2.6	0.2	<0.05	6	<0.5	<0.2
1012642	Soil	8	192	4.13	369	0.183	1	4.66	0.007	0.29	<0.1	0.01	17.7	<0.1	<0.05	17	<0.5	<0.2
1012643	Soil	6	48	2.10	387	0.242	1	3.01	0.013	0.68	<0.1	0.01	2.1	0.3	<0.05	8	<0.5	<0.2
1012641	Soil	8	51	2.41	512	0.270	<1	3.01	0.017	1.28	<0.1	0.01	3.6	0.3	<0.05	7	<0.5	<0.2
1012640	Soil	13	35	3.24	450	0.183	1	3.58	0.008	0.61	<0.1	0.04	5.3	0.2	<0.05	10	0.5	<0.2
1010029	Soil	16	244	2.25	263	0.122	2	2.75	0.019	0.17	0.2	0.03	7.5	<0.1	<0.05	9	0.5	<0.2
1010024	Soil	30	30	0.55	414	0.054	2	1.70	0.022	0.09	0.1	0.05	5.1	0.1	<0.05	5	0.7	<0.2
1010036	Soil	6	13	1.51	423	0.316	2	2.85	0.015	1.51	<0.1	<0.01	3.4	0.3	<0.05	11	<0.5	<0.2
1010026	Soil	12	19	0.64	309	0.063	2	1.39	0.026	0.11	0.1	0.04	3.3	<0.1	0.08	5	0.6	<0.2
1010035	Soil	6	11	1.45	427	0.317	<1	2.71	0.014	1.57	<0.1	<0.01	3.4	0.3	<0.05	10	<0.5	<0.2
1010034	Soil	6	10	1.36	417	0.284	<1	2.60	0.015	1.56	<0.1	<0.01	3.1	0.3	<0.05	10	<0.5	<0.2
1010006	Soil	10	24	0.63	209	0.076	<1	2.20	0.013	0.10	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1013204	Soil	5	15	1.36	408	0.117	2	2.57	0.016	0.22	<0.1	<0.01	3.2	<0.1	<0.05	10	<0.5	<0.2
1013231	Soil	7	8	1.54	729	0.174	<1	2.64	0.017	1.05	<0.1	<0.01	3.6	0.2	<0.05	10	<0.5	<0.2
1013205	Soil	7	21	0.77	657	0.036	<1	2.05	0.010	0.13	<0.1	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
1013229	Soil	15	5	0.95	475	0.022	<1	1.97	0.008	0.14	<0.1	0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1013230	Soil	10	6	1.14	643	0.183	1	2.10	0.020	1.07	<0.1	<0.01	3.6	0.2	<0.05	9	<0.5	<0.2
1013228	Soil	15	35	0.66	248	0.089	<1	1.66	0.018	0.08	0.1	0.02	5.6	<0.1	0.05	6	<0.5	<0.2
1013227	Soil	12	12	1.14	186	0.122	<1	2.05	0.009	0.52	<0.1	0.02	3.0	0.1	<0.05	8	<0.5	<0.2
1013235	Soil	11	30	0.87	398	0.142	2	1.91	0.017	0.36	0.1	0.01	4.6	0.1	<0.05	7	<0.5	<0.2
1013225	Soil	80	110	1.39	848	0.005	2	2.28	0.010	0.11	<0.1	0.06	10.1	<0.1	<0.05	7	<0.5	<0.2
1010366	Soil	31	16	0.85	117	0.015	<1	1.87	0.008	0.16	<0.1	0.01	3.3	<0.1	<0.05	9	<0.5	<0.2
1010362	Soil	9	46	0.77	278	0.049	2	1.94	0.009	0.07	<0.1	0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
1010357	Soil	20	47	0.98	272	0.109	1	2.16	0.018	0.06	0.1	0.04	8.1	<0.1	<0.05	7	<0.5	<0.2
1010353	Soil	10	33	0.71	234	0.089	1	1.94	0.011	0.10	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1010369	Soil	27	32	0.86	143	0.046	1	2.01	0.012	0.18	<0.1	0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
1010361	Soil	13	28	2.54	377	0.169	1	3.87	0.011	0.66	<0.1	<0.01	11.1	0.3	<0.05	14	<0.5	<0.2
1010358	Soil	20	43	0.99	242	0.078	<1	2.10	0.016	0.06	<0.1	0.03	7.7	<0.1	<0.05	7	<0.5	<0.2
1010352	Soil	11	38	1.16	258	0.150	2	2.87	0.011	0.42	<0.1	<0.01	3.0	0.2	0.05	6	<0.5	<0.2
1010364	Soil	11	28	0.98	180	0.173	1	2.18	0.010	0.23	0.1	<0.01	3.2	0.1	<0.05	10	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010359	Soil	1.1	31.1	16.4	174	0.1	26.6	22.4	1323	6.42	6.2	0.9	1.7	6.4	27	0.1	0.3	0.1	140	0.39	0.136
1010355	Soil	3.3	34.9	33.3	177	<0.1	23.1	17.6	814	4.96	5.5	2.0	13.8	18.2	21	0.2	0.4	0.3	72	0.34	0.030
1010354	Soil	1.0	29.3	9.7	59	<0.1	23.1	11.2	334	3.03	9.7	1.3	3.4	7.9	21	<0.1	0.6	0.1	63	0.19	0.016
1010363	Soil	1.1	17.3	11.7	78	<0.1	22.1	9.9	640	2.93	8.7	0.5	2.4	3.7	30	0.1	0.4	0.2	65	0.37	0.037
1010360	Soil	0.4	8.5	7.8	121	<0.1	11.8	21.5	813	5.42	3.7	0.5	1.6	3.0	28	<0.1	0.2	<0.1	136	0.35	0.031
1010356	Soil	3.8	32.6	29.7	168	<0.1	22.0	17.6	791	4.83	5.4	1.8	11.1	15.6	21	0.2	0.5	0.3	70	0.32	0.030
1010351	Soil	1.0	21.0	12.3	66	<0.1	18.5	8.7	364	3.04	8.1	1.3	2.9	5.5	25	<0.1	0.4	0.1	62	0.22	0.017
1010030	Soil	0.8	26.8	10.9	90	0.1	26.2	12.8	652	3.92	7.5	0.5	1.2	3.8	35	<0.1	0.5	0.1	83	0.48	0.098
1010015	Soil	0.6	12.5	12.0	95	<0.1	11.6	12.6	753	3.71	4.3	0.7	1.2	3.6	53	0.1	0.2	<0.1	78	0.89	0.191
1010013	Soil	0.8	14.4	13.0	70	<0.1	13.9	11.0	577	3.19	4.8	0.7	0.7	4.1	39	0.1	0.2	0.2	77	0.51	0.092
1010017	Soil	1.1	17.5	18.6	52	0.2	16.9	8.7	360	2.80	7.7	0.8	3.4	5.5	30	0.1	0.4	0.2	66	0.34	0.046
1010014	Soil	0.7	13.1	9.4	53	0.1	13.1	11.1	498	2.69	6.1	0.8	2.0	3.6	32	<0.1	0.3	0.1	64	0.45	0.070
1010021	Soil	0.6	9.3	9.9	114	<0.1	8.6	14.7	847	4.65	4.3	0.6	1.9	2.3	69	0.1	0.4	<0.1	92	1.10	0.294
1010019	Soil	1.1	25.6	18.3	67	<0.1	25.9	9.5	365	3.02	7.4	1.0	5.4	7.6	40	<0.1	0.5	0.2	69	0.46	0.068
1010018	Soil	1.2	14.3	17.4	49	0.1	16.3	8.4	651	2.52	7.2	0.7	1.7	4.2	29	0.2	0.4	0.2	60	0.32	0.043
1010003	Soil	1.2	8.4	8.6	63	<0.1	13.5	10.8	374	3.86	9.1	0.4	1.0	2.2	19	0.1	0.4	0.2	92	0.20	0.073
1010023	Soil	0.5	15.5	6.7	57	<0.1	17.7	8.6	303	2.18	5.2	0.6	2.4	3.2	40	0.1	0.5	0.1	51	0.61	0.094
1010020	Soil	0.9	18.0	10.1	55	<0.1	17.3	10.7	306	2.79	6.7	0.8	5.3	4.7	29	<0.1	0.5	0.2	63	0.33	0.054
1010025	Soil	1.0	164.3	8.2	87	<0.1	32.8	12.8	479	3.54	8.2	0.7	12.1	3.9	38	<0.1	0.6	0.1	83	0.65	0.109
1010012	Soil	1.1	8.1	18.9	80	<0.1	12.6	10.3	498	3.11	7.1	0.4	0.6	2.8	20	0.1	0.5	0.2	72	0.27	0.069
1010011	Soil	0.5	9.4	4.6	90	<0.1	11.6	15.0	657	3.39	4.7	0.4	<0.5	2.8	32	<0.1	0.2	<0.1	86	0.70	0.225
1010022	Soil	0.8	30.5	7.8	67	0.1	26.5	10.7	433	2.61	7.9	0.6	3.2	3.8	53	0.3	0.6	0.1	62	1.48	0.091
1010001	Soil	0.8	12.1	7.6	66	<0.1	18.4	15.6	503	3.52	8.2	0.4	1.5	2.0	19	0.1	0.5	0.1	81	0.25	0.089
1013226	Soil	0.5	6.1	13.0	61	<0.1	4.7	7.2	525	2.70	3.9	0.5	<0.5	6.7	23	<0.1	0.2	<0.1	45	0.34	0.113
1013222	Soil	0.6	6.2	14.7	135	<0.1	8.9	15.5	1612	6.07	6.1	0.5	<0.5	7.1	56	<0.1	0.2	<0.1	116	0.83	0.216
1013221	Soil	0.5	7.4	3.6	94	<0.1	9.4	10.8	817	3.60	3.5	0.3	1.2	1.9	37	<0.1	0.2	<0.1	81	0.65	0.183
1013202	Soil	0.5	9.4	7.5	130	<0.1	8.2	15.1	1388	5.81	3.5	0.5	0.7	1.3	38	0.1	0.1	<0.1	127	0.89	0.304
1013201	Soil	0.8	5.8	6.0	109	<0.1	10.8	11.1	579	3.20	2.9	0.2	<0.5	1.5	43	0.1	0.2	<0.1	67	0.44	0.099
1013220	Soil	0.4	6.8	3.5	101	<0.1	8.3	12.4	870	4.13	4.8	0.3	<0.5	3.3	45	<0.1	0.3	<0.1	88	0.76	0.218
1013219	Soil	1.0	19.7	9.1	78	<0.1	71.9	18.2	1118	3.57	5.5	0.8	0.7	6.5	45	0.1	0.3	0.1	94	0.55	0.070

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010359	Soil	11	137	2.52	287	0.113	2	3.53	0.016	0.27	0.1	<0.01	10.5	<0.1	<0.05	16	<0.5	<0.2
1010355	Soil	33	44	1.25	260	0.064	2	2.42	0.007	0.10	0.1	0.01	7.4	<0.1	<0.05	8	<0.5	<0.2
1010354	Soil	18	40	0.70	186	0.109	<1	2.06	0.012	0.08	<0.1	0.03	4.5	0.1	<0.05	6	<0.5	<0.2
1010363	Soil	9	38	0.62	355	0.064	<1	1.84	0.010	0.07	0.1	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1010360	Soil	8	23	2.31	443	0.269	<1	3.63	0.010	0.75	<0.1	<0.01	4.9	0.3	<0.05	13	<0.5	<0.2
1010356	Soil	31	44	1.27	245	0.066	1	2.36	0.008	0.09	<0.1	0.03	7.0	0.1	<0.05	7	<0.5	<0.2
1010351	Soil	18	38	0.55	271	0.096	<1	2.19	0.013	0.07	0.1	0.04	5.0	0.1	<0.05	6	<0.5	<0.2
1010030	Soil	11	37	0.99	428	0.116	1	2.20	0.015	0.33	0.1	0.01	5.2	0.1	<0.05	8	<0.5	<0.2
1010015	Soil	14	21	0.86	385	0.083	1	1.84	0.025	0.11	<0.1	0.03	4.6	<0.1	<0.05	8	<0.5	<0.2
1010013	Soil	18	23	0.88	314	0.095	<1	1.89	0.018	0.10	<0.1	0.03	3.7	0.1	<0.05	8	<0.5	<0.2
1010017	Soil	20	31	0.52	452	0.069	1	1.74	0.014	0.06	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1010014	Soil	17	25	0.63	300	0.067	<1	1.57	0.017	0.05	0.1	0.02	3.6	<0.1	<0.05	6	0.6	<0.2
1010021	Soil	8	12	1.04	401	0.049	<1	2.02	0.027	0.19	<0.1	0.02	6.4	<0.1	<0.05	9	<0.5	<0.2
1010019	Soil	23	39	0.69	417	0.085	1	1.79	0.021	0.06	0.1	0.03	6.0	<0.1	<0.05	6	<0.5	<0.2
1010018	Soil	13	29	0.44	421	0.054	1	1.44	0.012	0.05	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1010003	Soil	7	23	0.87	129	0.073	2	2.25	0.010	0.07	0.1	0.03	4.3	<0.1	<0.05	8	<0.5	<0.2
1010023	Soil	10	25	0.58	193	0.077	3	1.19	0.026	0.06	0.2	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
1010020	Soil	14	31	0.61	296	0.070	<1	1.72	0.015	0.05	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1010025	Soil	13	47	0.98	296	0.141	2	2.12	0.031	0.22	<0.1	0.03	6.0	0.1	<0.05	7	<0.5	<0.2
1010012	Soil	8	25	0.48	227	0.046	<1	1.74	0.009	0.08	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1010011	Soil	9	18	1.23	349	0.192	<1	2.39	0.023	0.50	<0.1	0.01	2.8	0.2	<0.05	8	<0.5	<0.2
1010022	Soil	12	30	0.76	232	0.095	2	1.37	0.033	0.10	0.2	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1010001	Soil	7	25	0.80	178	0.070	2	2.23	0.019	0.12	<0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
1013226	Soil	20	8	0.55	747	0.089	2	1.44	0.009	0.42	<0.1	<0.01	2.9	0.1	<0.05	5	<0.5	<0.2
1013222	Soil	33	15	1.55	462	0.007	1	3.24	0.011	0.10	<0.1	0.02	7.8	<0.1	<0.05	14	<0.5	<0.2
1013221	Soil	7	13	1.14	468	0.209	<1	2.25	0.021	0.72	<0.1	<0.01	3.3	0.2	<0.05	8	<0.5	<0.2
1013202	Soil	9	9	1.55	676	0.166	2	2.63	0.016	0.71	<0.1	<0.01	8.6	0.2	<0.05	12	<0.5	<0.2
1013201	Soil	5	18	0.86	389	0.124	2	2.05	0.020	0.11	<0.1	<0.01	2.3	<0.1	<0.05	8	<0.5	<0.2
1013220	Soil	11	15	1.25	403	0.200	1	2.41	0.024	0.55	<0.1	<0.01	3.9	0.1	<0.05	9	<0.5	<0.2
1013219	Soil	13	134	1.59	373	0.073	<1	2.61	0.017	0.06	0.1	<0.01	6.0	<0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013216	Soil	15.6	891.3	8.2	75	0.3	6.5	15.1	1149	3.10	1.7	1.0	5.0	6.1	22	0.2	0.2	<0.1	39	0.44	0.169
1013217	Soil	0.4	79.4	4.4	63	<0.1	6.6	7.7	532	2.99	2.6	0.2	<0.5	2.2	26	<0.1	0.2	<0.1	68	0.31	0.084
1013218	Soil	0.5	6.6	3.1	102	<0.1	6.9	11.3	881	4.41	3.2	0.2	<0.5	1.0	33	<0.1	0.2	<0.1	100	0.58	0.155
1013215	Soil	0.9	8.6	6.3	79	<0.1	10.6	9.9	677	3.38	4.9	0.4	<0.5	4.3	27	<0.1	0.3	<0.1	68	0.47	0.132
1013214	Soil	0.6	10.4	5.8	105	<0.1	10.3	12.4	836	3.84	4.2	0.3	<0.5	1.9	44	<0.1	0.2	<0.1	78	0.60	0.124
1013213	Soil	0.5	6.7	9.1	88	<0.1	8.2	9.6	678	4.05	6.2	0.6	2.2	10.0	27	<0.1	0.3	<0.1	77	0.66	0.193
1013223	Soil	0.6	6.4	14.7	86	<0.1	4.4	8.9	600	3.40	3.5	0.4	<0.5	2.9	161	<0.1	0.2	<0.1	78	0.50	0.158
1013224	Soil	0.7	6.8	5.4	114	<0.1	10.9	13.6	975	4.36	5.8	0.3	<0.5	1.9	38	<0.1	0.3	<0.1	97	0.74	0.210
1013206	Soil	1.1	17.1	42.9	190	<0.1	9.7	13.7	1744	7.31	8.2	1.2	1.6	3.4	38	0.1	1.0	<0.1	130	0.58	0.201
1023504	Soil	0.8	18.1	9.1	76	<0.1	20.9	12.5	387	3.60	5.4	0.5	2.7	4.1	42	<0.1	0.4	0.1	85	0.55	0.100
1023527	Soil	0.3	9.2	5.0	82	<0.1	7.8	8.8	582	3.20	3.5	0.4	2.0	2.2	245	<0.1	0.2	<0.1	61	1.04	0.139
1023507	Soil	0.8	10.2	6.5	70	<0.1	13.2	10.0	377	2.85	4.8	0.5	<0.5	2.1	37	<0.1	0.3	0.1	69	0.42	0.089
1023528	Soil	1.0	8.0	7.0	81	<0.1	9.9	9.7	514	3.52	6.4	0.4	<0.5	1.4	106	<0.1	0.2	<0.1	80	0.45	0.132
1023505	Soil	0.5	9.1	4.4	101	<0.1	10.4	13.6	726	3.68	2.4	0.3	0.7	1.9	49	<0.1	0.3	<0.1	84	1.01	0.222
1023532	Soil	0.8	10.9	6.0	63	<0.1	10.4	8.2	334	2.59	5.5	0.4	1.0	1.7	54	<0.1	0.3	<0.1	62	0.46	0.122
1023530	Soil	0.5	9.7	3.7	95	<0.1	8.9	11.7	643	3.49	3.1	0.4	1.1	1.4	69	<0.1	0.2	<0.1	83	0.79	0.203
1023511	Soil	1.0	55.3	11.8	63	0.2	50.2	12.5	442	2.60	3.7	0.3	3.6	1.7	28	<0.1	0.1	0.1	74	0.35	0.116
1023531	Soil	0.9	13.5	7.0	60	<0.1	12.3	9.0	340	2.84	7.0	0.4	2.6	2.4	57	<0.1	0.4	0.1	70	0.43	0.095
1023512	Soil	0.8	49.8	5.6	107	<0.1	11.3	11.0	568	3.64	4.0	0.4	0.9	2.1	110	<0.1	0.1	<0.1	96	0.59	0.171
1023534	Soil	0.9	10.5	6.8	91	<0.1	14.2	13.9	494	3.64	8.8	0.4	<0.5	2.2	55	<0.1	0.4	0.1	90	0.30	0.086
1023526	Soil	0.5	14.9	6.6	76	<0.1	13.5	9.8	644	3.33	4.9	1.0	2.7	2.8	87	<0.1	0.3	0.1	64	0.64	0.148
1023525	Soil	0.5	15.3	7.4	74	<0.1	36.7	11.0	476	3.03	3.0	0.6	1.7	3.8	50	<0.1	0.3	<0.1	59	0.56	0.118
1023514	Soil	0.6	13.8	8.1	58	<0.1	13.5	8.4	339	2.45	4.0	0.5	1.9	2.0	77	<0.1	0.2	0.1	58	0.36	0.081
1023520	Soil	0.8	8.9	5.4	80	<0.1	11.3	11.5	571	3.47	5.4	0.3	35.4	1.8	65	<0.1	0.3	<0.1	64	0.60	0.127
1023515	Soil	0.7	8.1	5.4	72	<0.1	7.3	9.4	443	2.74	3.5	0.4	0.7	2.8	62	<0.1	0.2	<0.1	65	0.43	0.103
1012610	Soil	0.7	24.9	8.5	206	<0.1	14.2	12.1	643	3.24	4.5	1.0	<0.5	5.4	20	0.6	0.2	0.3	51	0.24	0.040
1012609	Soil	0.5	50.3	6.8	86	<0.1	25.6	19.4	498	4.26	5.8	0.5	3.1	4.4	27	<0.1	0.3	0.2	102	0.35	0.056
1012608	Soil	0.6	30.9	18.3	183	<0.1	58.6	15.8	594	3.91	5.3	1.6	1.2	4.6	23	0.4	0.3	0.3	54	0.17	0.025
1010004	Soil	0.8	14.1	15.6	62	<0.1	16.6	11.0	416	3.56	8.9	0.8	2.8	4.1	28	<0.1	0.5	0.1	73	0.32	0.074
1010009	Soil	0.9	19.7	19.2	57	<0.1	17.7	9.1	330	2.94	8.1	0.9	3.3	4.8	22	<0.1	0.5	0.2	71	0.22	0.032

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Project: PED
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013216	Soil	17	8	0.76	358	0.005	<1	1.51	0.007	0.13	<0.1	0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1013217	Soil	10	14	0.88	299	0.190	<1	1.95	0.009	0.60	0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1013218	Soil	4	12	1.29	429	0.308	<1	2.62	0.015	1.01	<0.1	<0.01	2.8	0.3	<0.05	9	<0.5	<0.2
1013215	Soil	9	19	0.82	248	0.072	<1	1.91	0.010	0.23	<0.1	<0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
1013214	Soil	6	18	1.14	330	0.186	1	2.28	0.013	0.30	<0.1	<0.01	2.7	0.1	<0.05	9	<0.5	<0.2
1013213	Soil	51	9	0.35	1003	0.007	2	1.47	0.008	0.08	<0.1	0.01	6.8	<0.1	<0.05	7	0.5	<0.2
1013223	Soil	9	8	0.88	368	0.113	1	1.84	0.013	0.49	<0.1	<0.01	3.9	0.1	<0.05	7	<0.5	<0.2
1013224	Soil	7	19	1.41	499	0.208	2	2.46	0.018	0.75	<0.1	<0.01	4.2	0.1	<0.05	9	<0.5	<0.2
1013206	Soil	27	10	0.57	807	0.032	1	1.81	0.018	0.16	<0.1	0.09	10.1	<0.1	<0.05	7	<0.5	<0.2
1023504	Soil	16	40	0.91	287	0.114	<1	2.76	0.018	0.07	<0.1	<0.01	4.5	<0.1	<0.05	8	<0.5	<0.2
1023527	Soil	10	14	1.02	440	0.064	<1	2.41	0.032	0.11	<0.1	0.02	4.5	<0.1	<0.05	8	<0.5	<0.2
1023507	Soil	10	26	0.78	213	0.090	1	1.92	0.016	0.07	<0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1023528	Soil	6	19	0.92	354	0.081	<1	2.41	0.018	0.10	<0.1	0.02	2.9	<0.1	<0.05	8	<0.5	<0.2
1023505	Soil	7	22	1.31	255	0.116	<1	2.41	0.032	0.12	<0.1	<0.01	4.5	<0.1	<0.05	9	<0.5	<0.2
1023532	Soil	6	20	0.65	289	0.100	<1	1.71	0.016	0.12	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1023530	Soil	6	15	1.19	534	0.197	1	2.26	0.018	0.46	0.1	<0.01	2.9	0.1	<0.05	8	<0.5	<0.2
1023511	Soil	6	80	1.04	129	0.121	<1	1.91	0.014	0.11	<0.1	<0.01	2.3	<0.1	<0.05	7	<0.5	<0.2
1023531	Soil	7	26	0.68	293	0.100	1	1.95	0.018	0.09	0.2	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1023512	Soil	8	21	1.02	285	0.178	<1	2.36	0.017	0.45	<0.1	0.02	2.8	0.1	<0.05	9	<0.5	<0.2
1023534	Soil	6	24	0.99	462	0.201	1	2.45	0.018	0.42	0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1023526	Soil	11	18	1.03	503	0.062	<1	2.39	0.016	0.07	0.1	0.02	5.0	<0.1	<0.05	7	<0.5	<0.2
1023525	Soil	11	55	1.30	426	0.059	1	1.97	0.017	0.10	<0.1	0.01	5.2	<0.1	<0.05	7	<0.5	<0.2
1023514	Soil	9	21	0.69	181	0.087	<1	1.86	0.014	0.10	0.1	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1023520	Soil	6	17	1.10	274	0.073	1	2.93	0.019	0.09	0.1	0.01	3.2	<0.1	<0.05	8	<0.5	0.2
1023515	Soil	8	13	0.89	160	0.086	<1	2.15	0.015	0.16	0.1	0.01	2.9	<0.1	<0.05	8	<0.5	<0.2
1012610	Soil	9	20	0.99	203	0.058	<1	2.00	0.009	0.16	<0.1	<0.01	2.3	0.1	<0.05	8	<0.5	<0.2
1012609	Soil	12	38	1.62	208	0.145	1	2.62	0.014	0.10	<0.1	0.02	5.2	<0.1	<0.05	8	<0.5	<0.2
1012608	Soil	7	72	1.49	230	0.028	<1	2.88	0.009	0.10	<0.1	<0.01	2.7	<0.1	<0.05	11	<0.5	<0.2
1010004	Soil	21	24	0.58	342	0.037	<1	1.97	0.017	0.07	0.1	0.03	7.0	<0.1	<0.05	7	<0.5	<0.2
1010009	Soil	12	35	0.62	270	0.083	<1	1.96	0.014	0.06	0.1	0.03	4.1	<0.1	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010007	Soil	0.7	25.1	7.4	63	<0.1	14.8	9.3	369	2.98	6.4	0.7	3.4	3.5	30	<0.1	0.3	0.1	72	0.36	0.057
1010005	Soil	0.9	14.0	10.2	57	<0.1	20.5	11.1	333	3.33	10.4	0.5	3.3	3.1	23	<0.1	0.5	0.2	78	0.26	0.042
1010027	Soil	1.5	154.2	5.0	84	<0.1	13.8	18.7	473	4.41	3.4	0.5	5.0	1.5	41	<0.1	0.2	<0.1	140	0.51	0.059
1010032	Soil	0.7	11.0	11.1	56	<0.1	18.9	9.3	378	2.61	7.6	0.4	2.1	3.7	31	<0.1	0.4	0.1	60	0.34	0.038
1010008	Soil	1.0	10.9	7.4	62	<0.1	13.5	8.1	423	3.35	8.9	0.4	0.7	2.5	21	<0.1	0.4	0.1	92	0.23	0.054
1010010	Soil	0.8	11.1	10.4	61	<0.1	14.2	10.8	303	3.12	7.9	0.4	1.7	3.7	19	<0.1	0.3	0.1	69	0.21	0.048
1010002	Soil	1.0	15.1	16.3	73	<0.1	20.1	10.5	477	3.10	8.3	0.4	1.6	3.1	22	0.1	0.4	0.1	74	0.28	0.061
1010028	Soil	0.7	147.6	3.5	102	<0.1	15.3	17.5	715	4.53	5.9	0.5	3.4	2.8	28	<0.1	0.2	<0.1	113	0.51	0.124
1010033	Soil	0.8	36.4	8.9	55	<0.1	28.1	10.3	377	2.83	9.5	0.7	4.9	4.8	40	<0.1	0.7	0.1	66	0.50	0.062
1010031	Soil	0.8	14.0	9.8	58	0.1	22.7	11.2	483	2.92	8.8	0.6	21.0	3.9	34	0.1	0.5	0.2	66	0.38	0.036
1010016	Soil	0.6	10.4	7.3	78	<0.1	13.0	11.7	487	3.53	6.1	0.5	6.0	3.8	34	<0.1	0.4	0.1	81	0.57	0.119
1062528	Soil	0.3	7.2	1.8	114	<0.1	8.4	12.8	973	5.07	3.1	0.5	1.3	1.9	46	<0.1	0.1	<0.1	100	1.07	0.326
1062509	Soil	0.3	5.1	2.2	79	<0.1	6.3	10.0	738	2.97	2.9	0.2	<0.5	0.6	32	<0.1	<0.1	<0.1	74	0.86	0.273
1062517	Soil	0.5	13.6	4.0	85	<0.1	15.9	12.2	655	3.88	5.4	0.3	0.6	1.2	35	<0.1	0.2	<0.1	94	0.70	0.189
1062508	Soil	0.3	9.1	3.5	107	<0.1	10.6	15.2	945	4.52	5.2	0.3	<0.5	2.0	37	<0.1	0.2	<0.1	106	0.71	0.202
1013888	Soil	0.8	13.9	4.8	114	<0.1	12.3	15.3	993	5.06	5.1	0.6	1.3	2.6	46	<0.1	0.3	<0.1	111	0.89	0.245
1013253	Soil	0.8	11.1	8.0	84	<0.1	16.1	11.1	561	3.84	9.6	0.4	10.6	2.7	28	<0.1	0.4	0.1	89	0.41	0.096
1062507	Soil	1.0	9.1	5.9	98	<0.1	19.1	15.4	898	4.38	6.5	0.4	1.0	2.1	35	<0.1	0.3	<0.1	99	0.68	0.202
1062529	Soil	<0.1	3.9	2.7	76	<0.1	4.6	9.1	895	3.58	2.7	0.3	1.2	2.4	28	<0.1	0.1	<0.1	74	0.65	0.168
1062516	Soil	1.1	11.1	19.7	135	0.1	13.8	13.7	772	3.90	6.4	0.4	1.5	2.3	31	0.2	0.4	0.1	82	0.51	0.107
1062503	Soil	1.0	16.6	10.2	71	<0.1	16.4	10.1	600	3.84	8.7	1.4	2.1	5.4	26	<0.1	0.5	0.1	84	0.34	0.079
1013889	Soil	0.5	6.8	3.8	87	<0.1	8.1	11.8	860	3.72	4.3	0.3	<0.5	1.4	35	<0.1	0.2	<0.1	82	0.74	0.218
1062506	Soil	0.4	4.6	6.1	79	<0.1	5.1	8.4	634	3.50	2.7	0.5	<0.5	3.3	26	<0.1	0.3	0.1	66	0.60	0.178
1013887	Soil	0.8	14.0	7.1	77	<0.1	17.7	11.6	563	3.83	9.0	0.7	<0.5	3.6	39	<0.1	0.4	0.1	91	0.58	0.135
1013252	Soil	0.2	4.0	2.9	79	<0.1	4.9	9.1	889	3.65	2.6	0.3	0.7	2.5	32	<0.1	0.1	<0.1	75	0.69	0.170
1013891	Soil	0.9	22.1	3.6	83	<0.1	10.0	8.0	809	4.12	3.2	0.9	3.1	6.4	23	<0.1	0.3	<0.1	84	0.51	0.171
1062502	Soil	0.3	6.5	2.8	68	<0.1	5.4	7.4	578	2.80	4.3	0.7	0.9	3.0	22	<0.1	0.2	<0.1	57	0.52	0.160
1013207	Soil	0.5	12.0	3.4	128	<0.1	9.7	12.9	1147	4.25	3.8	0.4	0.9	2.4	25	<0.1	0.2	<0.1	97	0.59	0.207
1013203	Soil	0.4	7.9	5.6	114	<0.1	7.2	13.0	1182	5.14	3.0	0.4	0.9	1.0	33	<0.1	<0.1	<0.1	111	0.85	0.270
1013209	Soil	0.5	5.1	7.8	100	<0.1	6.5	10.0	852	3.77	4.4	0.4	<0.5	1.7	27	<0.1	0.4	<0.1	77	0.66	0.219

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010007	Soil	15	26	0.74	302	0.079	1	1.91	0.015	0.08	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1010005	Soil	10	32	0.62	211	0.070	<1	2.38	0.015	0.06	0.2	0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1010027	Soil	5	13	1.25	396	0.258	<1	2.74	0.028	0.61	0.2	0.01	5.4	0.2	<0.05	9	<0.5	<0.2
1010032	Soil	9	29	0.60	356	0.084	2	1.57	0.018	0.20	0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1010008	Soil	10	25	0.65	215	0.074	<1	1.89	0.021	0.07	0.1	0.02	3.4	<0.1	<0.05	9	<0.5	<0.2
1010010	Soil	11	29	0.57	257	0.046	<1	2.56	0.014	0.08	<0.1	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1010002	Soil	8	30	0.75	168	0.098	1	2.16	0.019	0.11	0.1	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
1010028	Soil	7	22	1.36	348	0.226	<1	2.57	0.021	0.97	0.2	<0.01	4.5	0.2	<0.05	9	0.5	<0.2
1010033	Soil	19	37	0.64	300	0.090	<1	1.60	0.029	0.09	0.1	0.05	5.0	<0.1	<0.05	5	0.7	<0.2
1010031	Soil	11	36	0.55	405	0.081	1	1.73	0.012	0.16	0.1	0.02	4.2	<0.1	<0.05	6	0.5	<0.2
1010016	Soil	11	23	0.74	203	0.072	<1	1.90	0.024	0.07	0.1	0.02	5.0	<0.1	0.05	8	<0.5	<0.2
1062528	Soil	9	7	1.12	683	0.091	<1	2.46	0.010	0.50	<0.1	<0.01	10.8	0.1	<0.05	11	<0.5	<0.2
1062509	Soil	2	10	1.07	414	0.184	<1	1.66	0.031	0.83	<0.1	0.01	3.5	0.2	<0.05	7	<0.5	<0.2
1062517	Soil	4	19	1.26	383	0.231	<1	2.27	0.026	0.88	0.1	<0.01	3.5	0.2	<0.05	9	<0.5	<0.2
1062508	Soil	6	16	1.51	341	0.227	<1	2.27	0.024	0.84	<0.1	<0.01	3.8	0.2	<0.05	10	<0.5	<0.2
1013888	Soil	12	16	1.26	501	0.117	<1	2.72	0.021	0.35	<0.1	0.02	7.5	<0.1	<0.05	12	<0.5	<0.2
1013253	Soil	7	28	1.00	349	0.151	<1	2.38	0.022	0.50	0.1	<0.01	3.9	0.2	<0.05	8	<0.5	<0.2
1062507	Soil	5	33	1.10	514	0.170	<1	2.49	0.024	0.78	<0.1	<0.01	4.4	0.2	<0.05	8	<0.5	<0.2
1062529	Soil	32	5	0.93	274	0.096	<1	1.61	0.007	0.24	<0.1	<0.01	5.5	<0.1	<0.05	9	<0.5	<0.2
1062516	Soil	6	23	0.89	408	0.070	<1	2.28	0.016	0.26	0.1	0.01	4.8	<0.1	<0.05	9	<0.5	<0.2
1062503	Soil	24	28	0.69	317	0.048	2	1.84	0.012	0.06	0.1	0.02	6.1	<0.1	<0.05	8	<0.5	<0.2
1013889	Soil	3	14	1.18	299	0.173	<1	2.24	0.031	0.66	<0.1	<0.01	3.7	0.1	<0.05	9	<0.5	<0.2
1062506	Soil	16	6	0.61	406	0.013	<1	1.88	0.006	0.14	<0.1	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1013887	Soil	10	28	0.84	259	0.098	1	2.51	0.023	0.21	<0.1	0.01	5.9	<0.1	<0.05	9	<0.5	<0.2
1013252	Soil	37	5	0.95	286	0.095	<1	1.98	0.008	0.20	<0.1	0.02	6.0	<0.1	<0.05	9	<0.5	<0.2
1013891	Soil	36	9	0.69	413	0.101	1	1.75	0.009	0.36	<0.1	0.05	7.6	0.1	<0.05	9	<0.5	<0.2
1062502	Soil	12	7	0.68	309	0.084	1	1.43	0.005	0.38	<0.1	0.03	5.1	0.2	<0.05	7	<0.5	<0.2
1013207	Soil	9	13	1.49	511	0.268	1	2.68	0.014	1.30	<0.1	0.03	3.8	0.3	<0.05	10	<0.5	<0.2
1013203	Soil	8	8	1.46	621	0.119	1	2.62	0.014	0.75	<0.1	0.01	7.5	0.2	<0.05	11	<0.5	<0.2
1013209	Soil	6	10	0.92	489	0.128	1	1.74	0.009	0.70	<0.1	0.01	4.6	0.2	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013208	Soil	0.5	5.3	10.4	103	<0.1	6.3	9.8	909	3.89	5.0	0.4	1.0	2.3	28	<0.1	0.6	<0.1	77	0.66	0.217
1013211	Soil	0.6	7.5	5.1	78	<0.1	10.6	8.9	533	3.01	6.2	0.3	1.5	1.9	29	<0.1	0.3	<0.1	67	0.51	0.134
1013210	Soil	0.4	4.4	3.0	96	<0.1	6.5	9.9	734	3.01	4.7	0.2	<0.5	1.6	36	<0.1	0.1	<0.1	55	0.72	0.238
1013212	Soil	0.9	6.4	7.8	59	<0.1	11.3	7.3	484	2.73	4.2	0.3	<0.5	2.1	22	<0.1	0.3	0.2	54	0.36	0.031
1013234	Soil	0.4	14.3	3.4	100	<0.1	12.0	11.7	911	3.65	4.6	0.3	1.1	1.7	44	<0.1	0.3	<0.1	79	1.70	0.187
1013233	Soil	0.5	5.6	9.2	104	<0.1	8.9	11.6	820	3.93	6.8	0.3	<0.5	1.7	35	<0.1	0.2	<0.1	84	0.70	0.237
1013232	Soil	0.5	5.7	3.4	104	<0.1	7.3	11.7	740	3.89	4.4	0.3	<0.5	1.8	29	<0.1	0.1	<0.1	85	0.68	0.230
1023519	Soil	0.9	9.2	6.9	59	<0.1	13.3	9.0	343	2.82	6.4	0.3	1.4	2.1	37	<0.1	0.3	0.1	67	0.34	0.083
1023503	Soil	0.6	12.3	15.6	61	<0.1	14.6	7.9	289	2.63	5.9	0.7	2.0	3.3	26	<0.1	0.4	0.2	59	0.32	0.063
1023506	Soil	0.6	5.4	5.6	83	<0.1	15.1	11.8	526	3.61	4.3	0.2	<0.5	1.4	28	<0.1	0.2	<0.1	86	0.49	0.235
1023508	Soil	0.7	5.5	4.5	92	<0.1	7.6	11.4	702	3.16	3.8	0.3	1.2	2.2	28	<0.1	0.1	<0.1	72	0.57	0.208
1023529	Soil	0.5	7.2	4.7	70	<0.1	6.9	8.7	406	2.93	4.2	0.2	1.4	1.0	73	<0.1	0.1	<0.1	68	0.55	0.160
1023501	Soil	0.5	6.7	4.5	115	<0.1	6.0	16.4	690	4.01	3.0	0.3	<0.5	1.5	44	<0.1	0.1	0.5	84	1.03	0.304
1062511	Soil	0.9	61.2	11.1	69	0.1	42.8	16.6	825	3.70	8.9	0.8	2.7	10.5	85	<0.1	0.6	0.2	94	0.87	0.230
1012697	Soil	0.9	18.5	8.5	46	<0.1	13.2	6.5	165	2.35	4.2	0.4	2.0	1.2	12	0.3	0.2	0.1	71	0.24	0.035
1012704	Soil	0.8	24.4	6.6	71	0.2	16.7	10.2	274	2.91	7.4	0.4	3.7	1.5	22	0.2	0.2	0.1	79	0.34	0.041
1012699	Soil	0.8	29.8	9.0	67	0.1	15.3	10.7	316	2.90	4.0	0.5	1.9	1.9	20	0.2	0.2	0.1	74	0.37	0.057
1012695	Soil	0.9	17.8	8.3	69	<0.1	23.1	12.7	383	3.23	4.7	0.4	1.6	2.0	15	<0.1	0.2	<0.1	90	0.25	0.052
1012691	Soil	0.7	18.5	8.3	43	<0.1	18.4	9.4	231	2.61	4.1	0.4	<0.5	1.1	13	<0.1	0.2	<0.1	69	0.20	0.039
1012701	Soil	0.9	40.0	7.9	51	0.2	10.0	7.9	289	2.33	2.5	0.8	2.5	1.9	23	0.1	0.2	0.1	58	0.36	0.030
1012698	Soil	1.1	15.1	12.4	42	0.2	13.1	6.7	246	2.32	3.9	0.4	2.0	1.9	19	<0.1	0.3	0.1	59	0.28	0.023
1012696	Soil	0.9	23.5	8.7	58	0.1	16.4	8.9	237	2.61	4.6	0.5	1.8	2.0	22	0.1	0.2	0.1	68	0.36	0.036
1012692	Soil	0.6	18.1	6.3	61	<0.1	17.6	10.4	330	2.74	5.2	0.7	2.5	3.8	23	<0.1	0.2	0.1	58	0.39	0.051
1012688	Soil	1.3	30.2	7.7	53	<0.1	22.8	11.1	304	2.52	5.3	0.4	4.3	1.2	18	0.1	0.3	0.1	62	0.26	0.049
1012693	Soil	0.9	20.5	6.7	47	0.1	15.5	7.2	291	1.99	3.3	0.8	0.5	1.1	23	0.2	0.2	0.1	43	0.36	0.044
1012694	Soil	1.1	25.8	7.2	69	0.2	25.1	14.4	771	2.88	5.1	0.8	2.8	1.6	31	0.2	0.3	0.1	58	0.72	0.068
1012700	Soil	0.9	17.1	9.5	49	0.1	10.0	6.7	230	2.14	3.2	0.4	1.3	1.4	19	0.1	0.2	0.1	61	0.31	0.031
1012685	Soil	1.4	16.7	11.9	43	<0.1	16.5	8.4	319	2.53	3.8	0.3	1.2	1.0	13	<0.1	0.3	0.1	74	0.23	0.034
1012717	Soil	0.8	40.5	7.6	60	<0.1	19.7	12.2	329	3.17	5.1	0.7	2.6	2.5	27	0.2	0.3	<0.1	80	0.52	0.058
1012715	Soil	0.7	28.4	7.2	74	0.1	21.8	12.1	472	3.24	5.3	1.2	1.6	4.3	29	0.1	0.3	0.1	77	0.58	0.063

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013208	Soil	8	9	0.87	529	0.105	2	1.69	0.009	0.66	<0.1	0.01	5.1	0.2	<0.05	8	<0.5	<0.2
1013211	Soil	7	18	0.96	526	0.173	<1	1.85	0.015	0.56	<0.1	0.02	2.1	0.1	<0.05	7	<0.5	<0.2
1013210	Soil	7	10	1.13	266	0.125	<1	1.73	0.014	0.36	<0.1	0.01	2.2	<0.1	<0.05	8	<0.5	<0.2
1013212	Soil	8	20	0.39	760	0.028	<1	1.65	0.007	0.19	<0.1	0.02	2.4	0.1	<0.05	6	0.6	<0.2
1013234	Soil	7	15	1.34	487	0.193	1	2.01	0.021	0.52	0.1	0.03	3.2	0.2	<0.05	8	<0.5	<0.2
1013233	Soil	5	15	1.23	458	0.201	2	2.33	0.020	0.79	0.2	0.01	4.5	0.2	<0.05	9	<0.5	<0.2
1013232	Soil	8	12	1.22	431	0.243	2	2.27	0.022	0.85	<0.1	<0.01	3.0	0.2	<0.05	9	<0.5	<0.2
1023519	Soil	7	24	0.75	194	0.099	<1	2.02	0.012	0.10	0.1	0.02	2.0	<0.1	<0.05	6	0.6	<0.2
1023503	Soil	9	24	0.58	228	0.065	1	1.94	0.013	0.06	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1023506	Soil	4	31	1.21	186	0.153	<1	2.27	0.015	0.31	0.1	0.03	2.4	<0.1	<0.05	10	<0.5	<0.2
1023508	Soil	8	13	1.07	190	0.103	<1	2.21	0.019	0.36	<0.1	0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1023529	Soil	4	14	0.85	351	0.145	<1	2.30	0.019	0.26	0.1	<0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1023501	Soil	22	10	1.14	307	0.101	<1	2.45	0.050	0.30	0.1	0.02	4.2	<0.1	<0.05	10	<0.5	<0.2
1062511	Soil	38	102	1.02	665	0.079	1	1.98	0.018	0.11	0.1	0.05	8.9	0.1	<0.05	7	<0.5	<0.2
1012697	Soil	7	30	0.44	114	0.080	2	1.22	0.016	0.06	0.1	0.05	2.4	<0.1	<0.05	7	0.8	<0.2
1012704	Soil	6	28	0.96	226	0.123	<1	2.12	0.017	0.08	0.1	0.03	3.3	<0.1	<0.05	7	<0.5	<0.2
1012699	Soil	8	27	0.86	406	0.089	2	1.71	0.021	0.13	<0.1	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1012695	Soil	8	47	0.85	235	0.093	2	1.92	0.014	0.07	0.1	0.03	3.8	<0.1	<0.05	8	<0.5	<0.2
1012691	Soil	7	39	0.65	138	0.067	2	1.48	0.015	0.05	<0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1012701	Soil	10	18	0.65	473	0.070	1	1.45	0.017	0.12	<0.1	0.03	4.1	<0.1	<0.05	6	0.5	<0.2
1012698	Soil	9	24	0.57	286	0.086	<1	1.33	0.018	0.11	0.1	0.02	2.8	<0.1	<0.05	6	0.6	<0.2
1012696	Soil	9	28	0.75	303	0.103	1	1.53	0.017	0.20	0.1	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1012692	Soil	13	34	0.69	247	0.083	1	1.61	0.016	0.07	0.1	0.04	3.7	<0.1	<0.05	5	0.5	<0.2
1012688	Soil	8	41	0.71	150	0.089	1	1.74	0.015	0.09	0.1	0.03	2.3	<0.1	<0.05	6	<0.5	<0.2
1012693	Soil	12	26	0.37	243	0.044	<1	1.40	0.014	0.06	0.1	0.06	3.1	<0.1	<0.05	6	0.6	<0.2
1012694	Soil	17	40	0.64	382	0.047	2	1.76	0.019	0.09	0.1	0.08	4.5	<0.1	<0.05	5	0.6	<0.2
1012700	Soil	7	17	0.57	252	0.090	1	1.21	0.015	0.13	<0.1	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1012685	Soil	5	35	0.48	141	0.070	2	1.22	0.014	0.08	<0.1	0.02	2.8	<0.1	<0.05	7	<0.5	<0.2
1012717	Soil	10	33	0.86	252	0.093	2	2.07	0.029	0.06	0.2	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1012715	Soil	12	36	1.00	323	0.114	2	2.05	0.018	0.09	0.2	0.03	4.6	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012716	Soil	0.7	38.0	5.9	66	0.1	19.4	11.5	472	3.01	4.1	0.7	2.1	2.0	28	0.1	0.3	<0.1	76	0.73	0.071
1012689	Soil	0.6	28.1	9.7	49	0.1	16.2	7.5	235	2.04	3.4	0.6	2.0	1.9	19	0.2	0.2	0.2	49	0.37	0.033
1012690	Soil	0.6	15.5	6.9	60	0.1	14.8	8.0	218	2.15	3.7	0.5	2.9	1.6	20	<0.1	0.2	<0.1	51	0.32	0.045
1012712	Soil	0.6	39.7	3.8	84	<0.1	18.1	14.8	532	4.37	5.6	0.5	1.3	2.3	20	<0.1	0.1	<0.1	111	0.52	0.107
1012711	Soil	0.6	42.7	4.0	94	<0.1	19.4	15.9	603	4.77	5.8	0.5	1.5	2.4	21	<0.1	0.1	<0.1	116	0.56	0.116
1012710	Soil	0.7	28.6	5.1	62	<0.1	16.5	12.6	418	3.62	5.5	0.4	2.4	1.8	23	<0.1	0.2	<0.1	93	0.43	0.059
1012713	Soil	0.6	31.0	5.1	71	<0.1	19.0	14.2	466	3.62	4.9	0.4	1.5	2.4	19	0.1	0.2	<0.1	86	0.41	0.073
1012714	Soil	1.0	34.7	6.2	60	<0.1	18.4	12.8	399	2.92	5.5	0.6	6.2	2.1	24	<0.1	0.2	0.1	80	0.46	0.054
1012705	Soil	0.6	28.8	5.5	69	0.1	14.7	12.1	357	3.21	4.4	0.4	0.8	1.6	26	0.1	0.2	<0.1	85	0.47	0.065
1012707	Soil	0.6	22.0	5.2	61	<0.1	13.0	15.2	702	2.79	4.3	0.5	1.5	1.4	25	0.1	0.2	<0.1	72	0.50	0.056
1012706	Soil	0.5	27.7	5.5	60	<0.1	13.9	10.0	276	2.81	4.2	0.4	1.5	1.3	20	0.1	0.2	0.1	80	0.35	0.043
1012708	Soil	0.9	32.9	6.8	82	0.2	19.0	13.9	318	4.09	6.2	0.4	1.4	2.3	21	0.1	0.4	0.1	110	0.32	0.034
1012709	Soil	0.8	39.9	4.5	68	<0.1	15.9	16.9	399	4.10	5.2	0.4	1.9	1.7	27	<0.1	0.2	<0.1	123	0.51	0.048
1010628	Soil	0.9	30.1	7.9	51	<0.1	31.3	12.7	290	2.96	11.2	0.7	2.2	4.1	19	<0.1	0.5	0.1	73	0.21	0.018
1010629	Soil	1.1	27.3	9.9	63	<0.1	24.4	11.8	356	3.08	10.3	1.2	4.3	5.1	21	<0.1	0.5	0.2	71	0.18	0.023
1013890	Soil	0.9	23.8	3.9	77	<0.1	12.8	8.2	696	4.06	3.9	0.9	2.7	6.1	22	<0.1	0.3	<0.1	83	0.48	0.156
1062501	Soil	0.3	7.3	2.9	68	<0.1	5.5	7.9	650	3.06	4.9	0.6	1.2	2.8	24	<0.1	0.2	<0.1	67	0.56	0.171
1062524	Soil	0.8	11.0	5.8	75	<0.1	13.7	9.3	643	3.05	6.7	0.5	1.8	3.2	21	<0.1	0.4	<0.1	67	0.33	0.095
1062522	Soil	0.6	30.6	17.1	83	<0.1	58.1	15.7	603	3.64	5.6	0.7	0.9	7.9	63	<0.1	0.2	0.2	84	0.78	0.224
1062521	Soil	0.6	13.5	3.9	86	<0.1	14.0	11.6	616	3.87	6.2	0.4	1.6	2.2	28	<0.1	0.3	<0.1	93	0.62	0.158
1062515	Soil	0.7	8.0	7.0	82	<0.1	14.1	11.4	590	3.41	4.2	0.2	<0.5	1.5	31	<0.1	0.3	<0.1	83	0.51	0.138
1062520	Soil	0.7	10.4	6.3	74	<0.1	14.5	10.3	636	3.33	7.0	0.3	0.5	2.7	26	<0.1	0.3	0.1	76	0.35	0.076
1062505	Soil	0.5	8.8	3.2	115	<0.1	8.5	15.2	989	4.56	3.4	0.5	1.2	1.9	39	<0.1	0.2	<0.1	102	0.71	0.183
1062526	Soil	1.4	13.4	20.5	56	0.2	18.1	8.0	323	2.90	9.0	0.5	7.3	5.7	19	<0.1	0.3	0.2	59	0.26	0.041
1062523	Soil	0.8	8.0	6.8	97	<0.1	13.6	12.5	913	3.67	7.3	0.3	6.5	2.5	32	<0.1	0.3	0.1	76	0.45	0.117
1062514	Soil	0.9	14.4	7.4	67	<0.1	18.3	10.3	405	3.24	9.4	0.3	1.9	2.5	25	<0.1	0.5	0.1	79	0.35	0.084
1062512	Soil	0.8	10.8	4.3	73	<0.1	10.9	11.9	762	3.50	5.0	0.3	0.7	2.9	35	<0.1	0.3	<0.1	72	0.53	0.112
1062504	Soil	0.5	8.1	3.5	89	<0.1	6.8	8.8	490	3.61	4.6	0.4	<0.5	3.2	26	<0.1	0.2	<0.1	70	0.48	0.137
1062513	Soil	0.5	8.6	3.3	85	<0.1	11.1	12.1	707	3.83	4.7	0.3	0.7	1.4	18	<0.1	0.1	<0.1	92	0.54	0.173
1062527	Soil	0.6	11.0	5.4	88	<0.1	13.1	12.2	814	3.69	6.5	0.3	<0.5	1.4	29	<0.1	0.2	<0.1	85	0.58	0.184

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012716	Soil	9	31	0.92	257	0.106	1	1.84	0.023	0.11	0.2	0.04	4.6	<0.1	<0.05	6	<0.5	<0.2
1012689	Soil	11	30	0.47	217	0.075	2	1.51	0.020	0.06	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1012690	Soil	10	28	0.65	214	0.080	2	1.41	0.018	0.07	0.2	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
1012712	Soil	8	32	1.72	515	0.201	<1	2.66	0.022	0.58	0.1	0.01	7.2	0.2	<0.05	9	<0.5	<0.2
1012711	Soil	8	35	1.99	574	0.222	<1	2.95	0.025	0.70	0.1	0.01	7.7	0.2	<0.05	10	<0.5	<0.2
1012710	Soil	7	29	1.10	326	0.161	3	2.22	0.024	0.20	0.1	0.02	5.3	0.1	<0.05	7	<0.5	<0.2
1012713	Soil	8	30	1.25	203	0.147	2	2.25	0.022	0.20	0.1	0.02	4.9	<0.1	<0.05	8	<0.5	<0.2
1012714	Soil	9	30	0.79	267	0.108	2	2.06	0.024	0.07	0.1	0.03	3.8	<0.1	<0.05	7	<0.5	<0.2
1012705	Soil	7	26	1.00	303	0.149	1	2.03	0.024	0.13	0.1	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
1012707	Soil	7	22	0.90	250	0.092	3	1.62	0.023	0.06	0.1	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2
1012706	Soil	7	27	0.92	187	0.134	3	1.90	0.020	0.10	0.1	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1012708	Soil	6	30	1.37	260	0.213	<1	2.54	0.017	0.47	<0.1	0.02	6.4	0.1	<0.05	9	<0.5	<0.2
1012709	Soil	7	32	1.46	206	0.174	2	2.71	0.025	0.09	<0.1	0.02	5.3	<0.1	<0.05	8	<0.5	<0.2
1010628	Soil	11	43	0.65	203	0.105	3	2.47	0.020	0.06	<0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1010629	Soil	16	45	0.58	201	0.082	3	2.48	0.022	0.06	0.1	0.05	5.4	0.1	<0.05	6	<0.5	<0.2
1013890	Soil	31	13	0.64	396	0.104	2	1.74	0.011	0.32	<0.1	0.04	7.7	0.1	<0.05	8	<0.5	<0.2
1062501	Soil	11	8	0.71	318	0.098	3	1.56	0.008	0.40	<0.1	0.02	5.8	0.2	<0.05	7	<0.5	<0.2
1062524	Soil	11	23	0.85	251	0.111	3	2.02	0.016	0.27	0.1	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1062522	Soil	24	97	1.63	475	0.210	3	2.30	0.027	0.42	0.2	0.01	4.0	0.2	<0.05	8	<0.5	<0.2
1062521	Soil	7	21	1.13	399	0.172	1	2.23	0.026	0.48	<0.1	0.01	4.2	0.1	<0.05	8	<0.5	<0.2
1062515	Soil	4	21	0.96	469	0.181	3	2.08	0.020	0.48	0.1	0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1062520	Soil	7	26	0.88	332	0.153	4	1.95	0.016	0.40	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1062505	Soil	10	15	1.72	447	0.166	2	2.79	0.016	0.26	<0.1	0.01	6.5	0.1	<0.05	11	<0.5	<0.2
1062526	Soil	21	30	0.46	464	0.035	3	2.12	0.017	0.12	0.1	0.02	2.7	<0.1	<0.05	7	<0.5	<0.2
1062523	Soil	8	22	0.93	277	0.073	2	2.33	0.013	0.20	<0.1	<0.01	3.2	<0.1	<0.05	9	<0.5	<0.2
1062514	Soil	7	30	0.77	324	0.136	3	2.27	0.019	0.29	0.1	0.02	2.8	0.1	<0.05	7	<0.5	<0.2
1062512	Soil	10	20	1.10	243	0.084	3	2.21	0.012	0.12	<0.1	<0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
1062504	Soil	7	15	0.72	171	0.077	2	1.76	0.013	0.24	<0.1	<0.01	4.9	<0.1	<0.05	7	0.5	<0.2
1062513	Soil	5	19	1.34	256	0.181	3	2.16	0.035	0.71	<0.1	<0.01	3.7	0.2	<0.05	8	<0.5	<0.2
1062527	Soil	5	20	1.13	415	0.188	2	2.45	0.023	0.45	0.1	0.02	3.2	0.1	<0.05	8	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062519	Soil	0.9	37.0	4.2	65	<0.1	7.4	7.1	527	3.53	3.9	1.1	<0.5	7.0	22	<0.1	0.2	0.1	59	0.52	0.130
1010439	Soil	1.2	32.9	8.4	61	<0.1	22.3	11.3	406	3.01	7.7	1.4	2.1	4.3	31	<0.1	0.4	0.2	69	0.45	0.042
1010089	Soil	1.0	40.0	6.2	76	<0.1	21.3	12.1	399	3.33	6.7	0.7	3.5	3.6	24	0.2	0.3	0.1	65	0.33	0.037
1010440	Soil	1.0	27.2	7.8	59	<0.1	21.9	10.3	301	2.77	7.5	0.7	2.8	3.4	22	<0.1	0.3	0.2	64	0.28	0.028
1010664	Soil	1.1	32.0	6.8	55	0.2	17.6	9.0	256	2.48	6.0	0.7	3.2	2.4	33	<0.1	0.3	0.1	65	0.55	0.029
1010663	Soil	1.0	21.3	7.0	50	<0.1	16.2	9.4	338	2.52	4.4	0.6	1.7	2.6	31	<0.1	0.4	0.1	52	0.39	0.038
1010665	Soil	1.1	70.0	9.5	60	<0.1	25.2	15.5	379	3.14	4.6	0.5	3.4	2.7	35	<0.1	0.5	0.1	73	0.50	0.031
1010666	Soil	1.7	121.0	7.3	106	<0.1	20.6	22.9	677	4.72	0.7	0.9	<0.5	3.4	43	0.2	0.5	0.1	89	0.67	0.084
1010652	Soil	0.6	20.4	2.6	60	<0.1	11.6	14.6	387	3.28	0.5	0.2	0.6	1.2	271	<0.1	<0.1	<0.1	73	0.73	0.068
1010651	Soil	0.6	51.2	4.3	59	<0.1	42.2	17.1	385	2.98	5.1	0.4	<0.5	2.9	49	<0.1	0.2	0.3	70	0.47	0.067
1010436	Soil	0.9	36.2	6.6	60	<0.1	30.8	15.0	382	3.18	6.3	0.8	2.3	4.9	56	<0.1	0.3	0.1	77	0.42	0.027
1010437	Soil	0.9	54.3	6.9	67	<0.1	34.9	16.6	517	3.49	6.7	0.6	2.1	3.5	62	0.1	0.5	0.2	83	0.63	0.046
1010656	Soil	0.8	85.9	6.2	60	<0.1	26.8	19.6	536	3.32	5.1	0.5	4.9	2.4	67	0.1	0.3	0.2	86	0.74	0.037
1010662	Soil	1.5	35.2	5.4	113	<0.1	12.0	11.2	346	2.90	3.6	0.4	1.2	1.6	60	0.2	0.2	<0.1	45	1.01	0.065
1010661	Soil	1.5	27.2	6.3	62	<0.1	16.2	11.2	453	2.63	4.9	0.8	2.8	2.3	31	0.1	0.3	0.1	60	0.44	0.056
1010659	Soil	0.8	20.6	3.9	46	<0.1	11.2	8.3	477	2.51	3.7	0.5	2.2	1.9	113	0.1	0.2	0.9	42	1.77	0.056
1010658	Soil	1.2	15.4	4.4	76	<0.1	10.0	12.3	845	4.58	3.0	0.7	1.0	3.5	58	<0.1	0.2	<0.1	39	0.79	0.054
1010631	Soil	1.0	93.9	3.1	51	<0.1	120.6	41.8	622	5.10	14.5	1.0	0.6	6.7	109	<0.1	0.2	<0.1	114	0.57	0.085
1010604	Soil	0.6	36.9	5.6	48	<0.1	27.2	15.2	410	3.39	5.6	0.6	0.6	2.3	16	<0.1	0.3	<0.1	65	0.44	0.108
1010637	Soil	0.7	32.0	4.5	45	<0.1	39.0	16.1	257	3.10	7.2	0.7	<0.5	10.4	13	<0.1	0.3	<0.1	54	0.19	0.019
1010622	Soil	0.7	45.5	5.9	35	<0.1	26.2	11.2	237	2.07	8.8	0.4	2.4	3.1	19	<0.1	0.3	<0.1	51	0.23	0.023
1010626	Soil	1.0	43.1	4.9	60	<0.1	26.4	19.0	592	4.42	6.3	0.8	1.5	6.6	15	<0.1	0.3	<0.1	92	0.25	0.040
1010618	Soil	1.3	33.9	10.3	56	<0.1	20.6	13.3	520	3.64	9.9	0.6	1.3	2.1	12	0.2	0.5	0.2	109	0.20	0.059
1010620	Soil	0.5	40.8	5.7	73	<0.1	34.3	14.4	308	2.79	5.8	0.6	0.7	6.4	16	0.2	0.2	<0.1	65	0.23	0.024
1010632	Soil	1.9	18.8	11.9	59	<0.1	27.1	14.1	510	4.39	11.8	0.5	1.4	2.7	36	0.2	0.5	0.2	99	0.31	0.077
1010621	Soil	0.3	64.6	2.7	180	<0.1	50.8	17.0	315	2.58	3.1	0.3	<0.5	3.1	13	0.3	0.2	<0.1	58	0.27	0.025
1010619	Soil	0.5	68.0	3.6	97	<0.1	22.1	24.4	567	5.76	5.6	1.9	0.7	9.0	15	0.1	0.2	<0.1	165	0.27	0.036
1010633	Soil	0.6	119.1	4.0	40	<0.1	37.9	24.8	328	2.94	4.7	0.5	0.7	3.0	18	<0.1	0.2	<0.1	70	0.35	0.039
1010634	Soil	0.9	45.5	3.8	69	<0.1	23.7	36.5	841	8.72	4.4	0.5	<0.5	1.4	30	<0.1	0.2	<0.1	165	0.57	0.074
1010635	Soil	0.6	35.5	4.4	32	<0.1	50.2	15.6	279	2.45	4.7	1.2	0.5	5.2	17	<0.1	0.2	<0.1	61	0.35	0.018

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062519	Soil	15	11	0.80	234	0.089	3	1.93	0.008	0.36	<0.1	0.01	4.8	0.1	<0.05	8	<0.5	<0.2
1010439	Soil	20	38	0.62	406	0.074	4	2.15	0.019	0.06	0.2	0.04	7.0	<0.1	<0.05	6	<0.5	<0.2
1010089	Soil	12	33	0.73	266	0.103	3	2.17	0.019	0.06	0.1	0.02	5.8	<0.1	<0.05	7	<0.5	<0.2
1010440	Soil	15	32	0.55	252	0.076	3	1.93	0.016	0.05	0.1	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1010664	Soil	10	30	0.60	280	0.091	3	1.79	0.021	0.07	0.1	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2
1010663	Soil	10	29	0.49	215	0.068	<1	1.54	0.014	0.05	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1010665	Soil	10	37	0.99	194	0.126	<1	2.14	0.017	0.06	0.1	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
1010666	Soil	9	31	1.50	291	0.114	1	2.72	0.012	0.25	0.1	0.02	6.5	<0.1	<0.05	7	<0.5	<0.2
1010652	Soil	3	17	1.24	199	0.050	<1	2.51	0.020	0.15	<0.1	<0.01	3.8	<0.1	<0.05	9	<0.5	<0.2
1010651	Soil	5	58	1.31	183	0.136	<1	2.54	0.023	0.09	1.5	<0.01	3.6	<0.1	<0.05	8	<0.5	<0.2
1010436	Soil	15	43	0.98	253	0.142	<1	2.62	0.021	0.05	0.1	0.02	5.5	<0.1	<0.05	7	<0.5	<0.2
1010437	Soil	12	55	1.10	218	0.098	1	2.59	0.020	0.06	0.2	0.05	7.0	<0.1	<0.05	7	<0.5	<0.2
1010656	Soil	7	47	1.30	143	0.101	<1	2.78	0.021	0.07	0.3	0.02	6.5	<0.1	<0.05	7	<0.5	<0.2
1010662	Soil	6	19	0.50	179	0.061	<1	2.48	0.012	0.10	<0.1	0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
1010661	Soil	10	30	0.61	179	0.078	1	1.71	0.016	0.06	0.3	0.03	4.1	<0.1	<0.05	5	0.6	<0.2
1010659	Soil	8	18	0.53	170	0.039	<1	3.16	0.018	0.10	<0.1	0.03	7.9	<0.1	<0.05	9	<0.5	0.3
1010658	Soil	12	19	0.71	176	0.132	<1	2.63	0.013	0.24	<0.1	0.01	4.2	<0.1	<0.05	10	<0.5	<0.2
1010631	Soil	15	317	2.26	307	0.213	<1	3.06	0.023	0.20	<0.1	<0.01	8.6	0.3	<0.05	9	0.8	<0.2
1010604	Soil	6	57	0.90	129	0.179	<1	2.17	0.023	0.25	<0.1	0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1010637	Soil	7	74	0.93	174	0.164	1	2.45	0.015	0.28	<0.1	0.01	4.2	0.2	<0.05	7	<0.5	<0.2
1010622	Soil	5	42	0.53	114	0.096	1	1.77	0.017	0.04	<0.1	0.02	3.0	<0.1	<0.05	4	<0.5	<0.2
1010626	Soil	6	102	1.45	211	0.203	<1	3.01	0.016	0.53	<0.1	0.01	5.7	0.3	<0.05	11	<0.5	<0.2
1010618	Soil	7	57	1.01	121	0.152	<1	1.87	0.014	0.20	<0.1	0.02	3.8	0.1	<0.05	10	<0.5	<0.2
1010620	Soil	6	77	1.12	64	0.170	<1	2.05	0.013	0.14	<0.1	0.01	4.0	0.2	<0.05	6	<0.5	<0.2
1010632	Soil	8	57	0.77	115	0.127	2	2.31	0.017	0.07	0.1	0.03	3.7	<0.1	<0.05	8	<0.5	<0.2
1010621	Soil	3	94	1.16	71	0.175	<1	2.22	0.018	0.12	<0.1	0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1010619	Soil	31	38	2.31	172	0.420	<1	3.89	0.016	0.68	<0.1	0.01	7.5	0.5	<0.05	14	<0.5	<0.2
1010633	Soil	3	41	1.05	105	0.182	<1	2.22	0.023	0.09	<0.1	<0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1010634	Soil	3	53	2.51	283	0.559	<1	4.33	0.021	0.29	<0.1	0.01	2.4	0.2	<0.05	12	<0.5	<0.2
1010635	Soil	5	84	0.97	111	0.158	<1	2.21	0.026	0.06	<0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010610	Soil	1.0	25.7	9.3	58	<0.1	25.8	13.5	349	3.35	9.3	1.1	2.1	7.1	22	<0.1	0.5	0.2	72	0.20	0.021
1010611	Soil	1.5	10.6	8.2	78	<0.1	12.6	6.3	352	3.39	9.3	0.4	1.1	2.2	14	0.1	0.5	0.1	66	0.15	0.041
1010438	Soil	1.2	56.3	8.3	78	<0.1	34.5	16.2	664	4.08	8.1	0.9	3.3	4.1	37	0.1	0.6	0.2	96	0.52	0.052
1023516	Soil	0.9	10.3	6.2	64	<0.1	12.8	7.9	340	3.08	4.8	0.4	1.1	2.0	32	<0.1	0.3	0.1	71	0.34	0.073
1023524	Soil	0.3	7.0	3.0	104	<0.1	8.7	10.6	627	3.24	2.3	0.2	1.1	1.1	130	<0.1	0.1	<0.1	63	0.83	0.194
1023523	Soil	0.4	6.1	3.6	93	<0.1	7.6	10.8	647	3.64	3.5	0.3	4.7	1.2	70	<0.1	0.1	<0.1	71	0.78	0.212
1023533	Soil	0.8	9.7	7.9	87	<0.1	11.1	11.1	471	3.53	7.1	0.3	1.3	1.9	41	0.1	0.3	0.1	86	0.25	0.102
1023509	Soil	0.5	10.1	4.9	85	<0.1	10.5	10.4	571	3.15	3.6	0.3	0.6	2.0	33	<0.1	0.2	<0.1	73	0.49	0.130
1023502	Soil	1.2	9.7	9.7	70	<0.1	12.9	10.5	778	3.40	8.0	0.5	1.6	2.3	21	0.1	0.5	0.2	73	0.27	0.112
1023510	Soil	2.1	228.7	8.3	157	0.1	11.5	12.6	620	4.33	2.7	0.7	23.7	5.8	60	0.1	0.2	<0.1	103	0.41	0.116
1023522	Soil	1.0	8.4	7.6	53	<0.1	11.0	7.8	452	2.67	7.5	0.4	11.5	2.2	29	<0.1	0.3	0.2	64	0.24	0.054
1023513	Soil	0.7	14.4	7.4	58	<0.1	13.6	7.3	267	2.49	5.4	0.5	1.9	2.0	41	<0.1	0.2	0.1	65	0.24	0.059
1023521	Soil	0.7	7.3	5.1	66	<0.1	9.0	8.4	431	2.81	4.0	0.3	1.8	1.6	44	<0.1	0.2	<0.1	60	0.56	0.129
1023518	Soil	0.9	14.6	20.2	50	<0.1	23.0	7.9	273	2.40	5.4	0.3	2.6	1.9	213	0.1	0.2	0.3	54	0.43	0.039
1023517	Soil	1.2	10.2	9.4	48	<0.1	12.5	7.4	405	2.30	6.8	0.4	1.3	1.0	40	<0.1	0.2	0.2	67	0.24	0.076
1062518	Soil	0.6	35.9	5.6	95	<0.1	14.4	13.2	739	4.47	7.3	0.5	0.9	4.1	28	<0.1	0.3	<0.1	109	0.46	0.169
1062510	Soil	1.0	20.1	6.4	46	<0.1	16.9	8.5	506	2.42	7.0	1.0	1.7	4.2	22	<0.1	0.4	0.1	51	0.29	0.066
1062525	Soil	0.5	6.5	2.6	103	<0.1	6.6	12.7	806	4.54	3.8	0.4	0.7	1.4	36	<0.1	0.1	<0.1	100	0.85	0.300
1013886	Soil	0.4	10.0	4.2	94	<0.1	10.2	11.5	977	3.95	4.6	0.5	1.3	2.6	41	<0.1	0.2	<0.1	72	0.66	0.196
1031645	Soil	0.5	26.1	8.0	45	<0.1	20.6	7.5	247	2.40	8.1	1.4	3.7	3.8	33	<0.1	0.5	0.1	55	0.37	0.055
1011353	Soil	1.5	51.0	9.3	77	<0.1	36.3	14.4	429	3.58	10.5	0.5	2.8	3.5	29	<0.1	0.5	0.1	89	0.48	0.072
1020649	Soil	1.9	74.8	15.7	90	0.3	33.0	12.6	734	4.18	9.1	0.6	1.7	2.3	33	0.2	0.2	<0.1	100	0.58	0.122
1031649	Soil	0.4	7.5	3.5	93	<0.1	13.7	12.7	474	3.72	3.6	0.4	<0.5	4.4	50	<0.1	0.2	<0.1	82	0.65	0.175
1020642	Soil	0.3	7.8	3.0	93	<0.1	16.7	15.8	696	3.73	3.0	0.3	1.4	3.2	41	<0.1	0.2	<0.1	89	0.78	0.218
1020647	Soil	0.5	45.2	3.7	90	0.1	24.6	19.2	684	4.99	4.0	0.3	0.8	1.6	18	<0.1	0.2	<0.1	114	0.49	0.125
1020646	Soil	0.9	43.8	7.1	76	<0.1	17.3	11.5	429	3.37	7.1	0.7	1.6	5.4	31	<0.1	0.4	<0.1	79	0.33	0.064
1020648	Soil	2.1	39.7	27.8	87	0.3	18.6	12.9	592	4.03	8.6	0.4	4.1	1.7	15	0.1	0.3	0.1	111	0.23	0.058
1020645	Soil	1.1	13.7	6.9	67	<0.1	16.8	9.8	430	3.29	7.9	0.4	1.3	4.1	22	<0.1	0.4	0.1	67	0.22	0.056
1020641	Soil	0.5	10.4	5.2	65	<0.1	17.9	10.1	761	2.88	3.4	0.6	2.1	6.2	30	<0.1	0.2	<0.1	48	0.48	0.104
1031648	Soil	1.3	14.2	5.0	71	<0.1	11.3	8.1	673	3.05	4.4	0.8	1.7	4.4	29	<0.1	0.3	<0.1	59	0.44	0.132

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010610	Soil	17	49	0.71	217	0.136	1	2.45	0.016	0.11	0.1	0.02	5.0	0.1	<0.05	7	<0.5	<0.2
1010611	Soil	8	30	0.41	122	0.110	<1	1.57	0.012	0.14	0.1	0.02	3.6	0.1	<0.05	8	<0.5	<0.2
1010438	Soil	15	52	0.99	318	0.078	<1	2.30	0.019	0.07	0.2	0.04	10.8	<0.1	<0.05	7	<0.5	<0.2
1023516	Soil	9	24	0.63	229	0.058	<1	1.98	0.012	0.06	0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1023524	Soil	4	15	1.08	567	0.185	<1	2.40	0.025	0.48	<0.1	<0.01	2.8	0.1	<0.05	8	<0.5	<0.2
1023523	Soil	5	15	0.98	527	0.088	<1	2.07	0.019	0.18	<0.1	<0.01	4.4	<0.1	<0.05	8	<0.5	<0.2
1023533	Soil	6	25	0.84	327	0.172	1	2.29	0.012	0.23	0.1	0.01	2.5	<0.1	<0.05	8	<0.5	<0.2
1023509	Soil	9	22	0.95	178	0.102	<1	2.00	0.017	0.12	<0.1	0.02	3.5	<0.1	<0.05	8	<0.5	<0.2
1023502	Soil	10	29	0.49	209	0.063	<1	1.65	0.011	0.07	0.1	0.02	3.1	<0.1	<0.05	7	<0.5	<0.2
1023510	Soil	20	24	1.02	317	0.191	<1	2.50	0.014	0.62	<0.1	0.02	3.5	0.2	<0.05	10	0.8	<0.2
1023522	Soil	7	26	0.53	294	0.078	<1	1.72	0.010	0.08	0.1	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1023513	Soil	12	21	0.52	196	0.107	<1	1.68	0.011	0.10	0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
1023521	Soil	5	17	0.72	326	0.066	<1	1.76	0.016	0.14	<0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1023518	Soil	6	42	0.66	412	0.056	<1	1.87	0.014	0.05	0.4	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1023517	Soil	8	25	0.45	180	0.056	<1	1.45	0.009	0.06	0.2	0.03	1.8	<0.1	<0.05	6	<0.5	<0.2
1062518	Soil	9	23	1.36	336	0.217	<1	2.66	0.012	0.84	0.1	0.01	4.1	0.2	<0.05	10	0.5	<0.2
1062510	Soil	20	24	0.47	393	0.064	1	1.22	0.008	0.14	<0.1	0.02	3.9	<0.1	<0.05	4	<0.5	<0.2
1062525	Soil	8	11	1.45	499	0.138	<1	2.42	0.008	0.48	<0.1	0.01	6.4	0.1	<0.05	10	<0.5	<0.2
1013886	Soil	13	11	1.08	309	0.026	<1	1.99	0.007	0.16	<0.1	<0.01	6.2	<0.1	<0.05	9	0.6	<0.2
1031645	Soil	13	34	0.54	223	0.069	<1	1.23	0.018	0.04	0.1	0.03	4.9	<0.1	<0.05	4	0.5	<0.2
1011353	Soil	12	58	0.98	320	0.124	<1	2.10	0.017	0.16	0.1	0.03	6.9	<0.1	<0.05	7	0.5	<0.2
1020649	Soil	10	44	1.11	172	0.071	<1	2.17	0.016	0.07	<0.1	0.03	7.1	<0.1	<0.05	8	0.7	<0.2
1031649	Soil	22	23	1.26	244	0.098	<1	2.30	0.017	0.21	<0.1	<0.01	4.0	<0.1	<0.05	9	0.7	<0.2
1020642	Soil	15	30	1.55	307	0.146	<1	2.12	0.019	0.64	<0.1	<0.01	4.3	0.2	<0.05	9	<0.5	<0.2
1020647	Soil	6	39	1.52	190	0.068	<1	2.45	0.025	0.05	<0.1	<0.01	8.4	<0.1	<0.05	10	<0.5	<0.2
1020646	Soil	19	29	1.04	268	0.107	<1	2.15	0.010	0.10	<0.1	0.01	4.2	<0.1	<0.05	7	0.7	<0.2
1020648	Soil	5	31	1.16	201	0.110	<1	2.41	0.008	0.16	0.1	0.01	6.0	<0.1	<0.05	9	<0.5	<0.2
1020645	Soil	10	29	0.81	213	0.044	<1	2.06	0.008	0.06	0.1	0.01	3.4	<0.1	<0.05	7	0.5	<0.2
1020641	Soil	31	19	0.89	156	0.010	<1	1.86	0.009	0.08	<0.1	0.03	3.9	<0.1	<0.05	7	0.6	<0.2
1031648	Soil	20	15	0.43	246	0.030	<1	1.31	0.010	0.09	0.1	0.02	5.5	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1031650	Soil	0.9	9.7	8.2	89	<0.1	17.8	13.3	661	4.04	7.1	0.3	2.2	3.8	53	<0.1	0.3	<0.1	92	0.54	0.129
1020644	Soil	0.5	18.5	5.5	70	<0.1	19.1	11.8	375	3.07	5.9	0.5	1.6	2.7	29	<0.1	0.3	<0.1	73	0.39	0.102
1031642	Soil	0.3	5.5	2.3	123	<0.1	5.9	13.2	528	4.16	2.9	0.2	1.4	1.5	54	<0.1	0.2	<0.1	91	0.94	0.214
1031644	Soil	0.4	4.8	3.5	115	<0.1	6.4	13.6	576	4.10	2.9	0.4	0.8	1.6	50	<0.1	0.2	0.1	89	0.99	0.182
1031643	Soil	0.3	7.5	4.4	137	<0.1	10.0	15.1	858	4.57	2.3	0.8	1.6	5.1	55	0.1	0.2	0.2	105	0.83	0.204
1010271	Soil	0.5	23.7	5.9	91	<0.1	5.9	7.8	476	3.10	1.9	1.7	2.1	25.1	31	0.1	0.1	0.1	34	0.28	0.038
1010283	Soil	0.8	21.1	7.2	58	<0.1	19.5	9.6	298	2.67	8.8	1.1	4.8	6.8	23	<0.1	0.5	0.1	59	0.29	0.040
1010258	Soil	0.6	51.2	6.8	61	<0.1	29.1	14.8	454	2.84	9.9	0.5	4.2	3.6	41	<0.1	0.6	<0.1	68	0.98	0.044
1010281	Soil	0.5	14.6	7.4	93	<0.1	10.6	13.6	767	4.47	3.8	1.2	0.6	15.8	27	<0.1	0.2	<0.1	62	0.41	0.060
1010257	Soil	0.6	17.5	7.1	65	<0.1	21.6	12.7	687	2.74	6.2	0.4	2.6	3.9	25	<0.1	0.3	0.1	68	0.39	0.024
1010282	Soil	0.7	15.3	7.3	64	<0.1	16.6	9.9	406	2.96	8.6	0.8	1.6	6.6	24	<0.1	0.4	<0.1	64	0.32	0.040
1010285	Soil	0.7	24.2	7.8	75	<0.1	16.7	16.4	533	3.77	6.8	0.8	3.2	3.2	20	<0.1	0.4	<0.1	102	0.39	0.044
1010288	Soil	0.7	13.9	7.3	71	<0.1	17.0	11.4	519	3.11	6.6	0.7	1.2	5.5	20	<0.1	0.3	0.1	64	0.26	0.037
1010259	Soil	0.5	34.5	4.2	65	<0.1	19.3	17.9	541	3.21	6.1	0.6	5.1	2.6	98	<0.1	0.4	<0.1	73	3.33	0.067
1010256	Soil	0.6	25.5	6.4	65	<0.1	23.8	16.0	453	3.29	7.0	0.6	1.9	3.6	25	<0.1	0.4	0.1	83	0.31	0.030
1010255	Soil	0.5	11.8	6.3	49	<0.1	15.5	8.6	271	2.35	7.3	0.4	1.8	2.9	26	<0.1	0.5	0.1	53	0.29	0.032
1010280	Soil	0.6	32.1	5.4	87	<0.1	15.5	14.8	764	4.70	3.6	1.1	3.1	6.4	28	<0.1	0.3	<0.1	90	0.48	0.085
1010365	Soil	1.0	25.5	11.7	94	<0.1	16.2	14.0	759	5.02	7.1	1.3	1.9	13.0	21	<0.1	0.4	0.2	91	0.25	0.038
1010390	Soil	0.7	26.4	8.7	55	<0.1	25.7	11.5	307	2.97	10.2	0.6	5.3	5.5	24	0.1	0.6	0.2	63	0.32	0.035
1010368	Soil	0.9	19.3	10.3	80	<0.1	13.0	16.1	758	4.32	3.9	1.1	2.1	6.4	43	<0.1	0.2	<0.1	82	0.54	0.057

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000458.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1031650	Soil	10	29	1.18	206	0.044	<1	2.63	0.009	0.08	<0.1	0.01	5.1	<0.1	<0.05	10	0.7	<0.2
1020644	Soil	11	27	1.02	285	0.140	<1	1.87	0.012	0.34	0.1	0.03	3.0	0.1	<0.05	7	<0.5	<0.2
1031642	Soil	9	11	1.04	237	0.071	<1	2.07	0.031	0.05	<0.1	<0.01	4.3	<0.1	<0.05	9	0.8	<0.2
1031644	Soil	11	13	1.07	165	0.084	<1	2.32	0.055	0.13	<0.1	0.01	5.1	<0.1	<0.05	9	<0.5	<0.2
1031643	Soil	23	12	1.20	508	0.077	<1	2.33	0.022	0.19	<0.1	0.03	7.9	<0.1	<0.05	10	<0.5	<0.2
1010271	Soil	38	10	0.66	290	0.085	<1	1.54	0.008	0.35	<0.1	<0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1010283	Soil	13	30	0.58	163	0.113	<1	1.47	0.010	0.23	0.1	0.02	4.1	0.1	<0.05	5	0.5	<0.2
1010258	Soil	12	30	1.11	278	0.132	2	1.53	0.015	0.35	0.1	0.05	3.3	0.1	<0.05	4	0.7	<0.2
1010281	Soil	11	18	0.96	206	0.227	<1	2.11	0.010	0.62	0.1	<0.01	2.9	0.3	<0.05	9	0.7	<0.2
1010257	Soil	11	38	0.83	329	0.119	2	1.55	0.013	0.37	0.1	0.01	4.7	0.1	<0.05	5	<0.5	<0.2
1010282	Soil	11	29	0.63	244	0.144	<1	1.54	0.011	0.42	0.1	0.01	4.4	0.2	<0.05	6	0.9	<0.2
1010285	Soil	8	25	0.71	262	0.128	1	1.81	0.021	0.31	0.1	0.02	4.8	0.1	<0.05	6	<0.5	<0.2
1010288	Soil	9	29	0.79	244	0.150	<1	1.71	0.011	0.33	0.1	<0.01	3.0	0.2	<0.05	6	1.1	<0.2
1010259	Soil	7	24	1.65	406	0.148	2	1.64	0.019	0.34	0.1	0.03	2.2	0.1	<0.05	5	0.7	<0.2
1010256	Soil	10	36	1.28	303	0.184	1	2.03	0.013	0.54	0.1	0.02	4.0	0.1	<0.05	6	0.6	<0.2
1010255	Soil	7	28	0.62	250	0.084	1	1.24	0.014	0.14	0.1	<0.01	2.3	<0.1	<0.05	4	<0.5	<0.2
1010280	Soil	18	22	1.19	211	0.151	<1	2.22	0.016	0.30	<0.1	<0.01	6.0	0.2	<0.05	9	<0.5	<0.2
1010365	Soil	10	31	1.12	257	0.212	1	2.58	0.010	0.73	0.1	<0.01	3.6	0.4	<0.05	10	<0.5	<0.2
1010390	Soil	15	38	0.76	215	0.090	2	1.55	0.019	0.17	0.2	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1010368	Soil	10	22	1.05	153	0.168	2	2.05	0.012	0.14	<0.1	<0.01	3.7	<0.1	<0.05	9	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000458.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1010266	Soil	0.8	42.9	9.0	64	<0.1	21.0	12.7	428	3.46	6.7	1.0	2.3	10.3	28	0.1	0.5	0.1	68	0.47	0.052
REP 1010266	QC	0.8	42.1	8.9	64	<0.1	21.1	12.5	409	3.43	6.4	1.0	3.0	9.7	28	<0.1	0.5	0.2	66	0.46	0.052
1010252	Soil	0.7	22.6	6.4	56	<0.1	21.5	9.6	333	2.79	9.2	0.7	1.3	5.4	27	<0.1	0.6	<0.1	53	0.30	0.046
REP 1010252	QC	0.8	21.7	6.8	56	<0.1	21.1	9.5	333	2.73	8.9	0.7	2.1	5.8	28	<0.1	0.5	0.1	52	0.33	0.046
1012635	Soil	0.6	12.6	4.9	98	<0.1	16.8	14.6	622	3.90	4.1	0.6	2.6	5.0	21	0.1	0.3	<0.1	89	0.34	0.046
REP 1012635	QC	0.6	12.6	5.0	97	<0.1	17.7	14.6	610	3.76	4.2	0.6	1.1	5.0	21	<0.1	0.3	<0.1	87	0.33	0.044
1012621	Soil	0.8	22.9	6.5	75	<0.1	23.6	19.2	694	3.50	6.9	0.3	<0.5	3.2	22	0.2	0.4	0.1	79	0.32	0.043
REP 1012621	QC	0.7	22.3	6.7	75	<0.1	23.6	18.4	704	3.56	6.3	0.4	1.6	3.2	22	0.2	0.4	0.1	81	0.31	0.041
1010357	Soil	0.9	36.6	9.6	69	<0.1	29.2	12.9	462	3.67	9.3	1.2	3.5	6.6	36	<0.1	0.5	0.2	78	0.39	0.026
REP 1010357	QC	0.9	37.4	11.3	71	<0.1	29.9	12.9	478	3.67	10.0	1.4	5.4	7.2	38	0.2	0.6	0.2	79	0.43	0.026
1010017	Soil	1.1	17.5	18.6	52	0.2	16.9	8.7	360	2.80	7.7	0.8	3.4	5.5	30	0.1	0.4	0.2	66	0.34	0.046
REP 1010017	QC	1.3	18.2	18.7	49	0.2	17.0	8.1	346	2.68	7.5	0.8	1.6	5.2	28	0.1	0.4	0.2	61	0.33	0.046
1010023	Soil	0.5	15.5	6.7	57	<0.1	17.7	8.6	303	2.18	5.2	0.6	2.4	3.2	40	0.1	0.5	0.1	51	0.61	0.094
REP 1010023	QC	0.6	15.4	6.6	56	<0.1	16.4	8.2	299	2.16	5.0	0.6	4.4	3.2	41	0.1	0.4	0.1	52	0.60	0.094
1023532	Soil	0.8	10.9	6.0	63	<0.1	10.4	8.2	334	2.59	5.5	0.4	1.0	1.7	54	<0.1	0.3	<0.1	62	0.46	0.122
REP 1023532	QC	0.8	11.3	6.1	64	<0.1	11.4	8.2	344	2.66	5.1	0.4	1.1	1.7	54	<0.1	0.3	<0.1	62	0.48	0.128
1023525	Soil	0.5	15.3	7.4	74	<0.1	36.7	11.0	476	3.03	3.0	0.6	1.7	3.8	50	<0.1	0.3	<0.1	59	0.56	0.118
REP 1023525	QC	0.4	15.4	7.8	72	<0.1	37.6	11.3	478	3.11	3.2	0.7	3.0	4.0	55	<0.1	0.3	<0.1	63	0.57	0.124
1010031	Soil	0.8	14.0	9.8	58	0.1	22.7	11.2	483	2.92	8.8	0.6	21.0	3.9	34	0.1	0.5	0.2	66	0.38	0.036
REP 1010031	QC	0.8	14.1	10.0	62	0.1	23.9	11.7	475	2.97	8.7	0.6	0.7	4.0	35	0.1	0.6	0.2	68	0.38	0.037
1023519	Soil	0.9	9.2	6.9	59	<0.1	13.3	9.0	343	2.82	6.4	0.3	1.4	2.1	37	<0.1	0.3	0.1	67	0.34	0.083
REP 1023519	QC	0.9	9.2	6.6	60	<0.1	15.0	9.3	344	2.81	6.6	0.3	2.1	2.0	36	<0.1	0.3	<0.1	66	0.35	0.086
1012701	Soil	0.9	40.0	7.9	51	0.2	10.0	7.9	289	2.33	2.5	0.8	2.5	1.9	23	0.1	0.2	0.1	58	0.36	0.030
REP 1012701	QC	0.8	39.6	7.6	52	0.3	10.4	7.9	289	2.32	2.3	0.8	2.3	2.0	22	<0.1	0.2	0.2	58	0.37	0.031
1012705	Soil	0.6	28.8	5.5	69	0.1	14.7	12.1	357	3.21	4.4	0.4	0.8	1.6	26	0.1	0.2	<0.1	85	0.47	0.065
REP 1012705	QC	0.6	28.2	5.1	67	<0.1	14.7	11.5	348	3.05	4.1	0.4	1.6	1.5	26	0.1	0.2	<0.1	83	0.48	0.066
1062504	Soil	0.5	8.1	3.5	89	<0.1	6.8	8.8	490	3.61	4.6	0.4	<0.5	3.2	26	<0.1	0.2	<0.1	70	0.48	0.137
REP 1062504	QC	0.5	7.7	3.6	89	<0.1	7.6	8.7	464	3.52	4.5	0.4	1.1	3.4	26	<0.1	0.3	<0.1	68	0.49	0.148

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000458.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1010266	Soil	29	33	0.77	228	0.079	2	1.96	0.020	0.09	0.1	0.03	6.0	<0.1	<0.05	6	<0.5	<0.2
REP 1010266	QC	28	31	0.76	225	0.079	2	1.94	0.019	0.09	0.1	0.03	5.7	0.1	<0.05	6	<0.5	<0.2
1010252	Soil	14	30	0.60	191	0.076	1	1.55	0.014	0.12	0.2	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
REP 1010252	QC	14	30	0.61	194	0.078	1	1.52	0.012	0.12	0.1	0.04	3.4	<0.1	<0.05	5	0.5	<0.2
1012635	Soil	10	34	1.34	214	0.132	2	2.42	0.010	0.27	<0.1	0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
REP 1012635	QC	10	33	1.35	222	0.131	2	2.37	0.010	0.26	<0.1	0.01	5.1	<0.1	<0.05	9	<0.5	<0.2
1012621	Soil	9	34	1.24	423	0.186	2	2.25	0.014	0.71	0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
REP 1012621	QC	9	33	1.22	394	0.192	1	2.17	0.015	0.71	0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1010357	Soil	20	47	0.98	272	0.109	1	2.16	0.018	0.06	0.1	0.04	8.1	<0.1	<0.05	7	<0.5	<0.2
REP 1010357	QC	21	48	1.01	279	0.120	1	2.36	0.020	0.07	<0.1	0.05	8.1	<0.1	<0.05	7	<0.5	<0.2
1010017	Soil	20	31	0.52	452	0.069	1	1.74	0.014	0.06	0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
REP 1010017	QC	19	29	0.49	459	0.065	1	1.65	0.014	0.06	0.2	0.04	3.4	<0.1	<0.05	6	0.6	<0.2
1010023	Soil	10	25	0.58	193	0.077	3	1.19	0.026	0.06	0.2	0.02	2.6	<0.1	<0.05	4	<0.5	<0.2
REP 1010023	QC	10	24	0.57	197	0.078	3	1.19	0.027	0.07	0.3	0.02	2.8	<0.1	<0.05	4	<0.5	<0.2
1023532	Soil	6	20	0.65	289	0.100	<1	1.71	0.016	0.12	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
REP 1023532	QC	6	20	0.66	290	0.095	<1	1.74	0.016	0.12	0.2	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1023525	Soil	11	55	1.30	426	0.059	1	1.97	0.017	0.10	<0.1	0.01	5.2	<0.1	<0.05	7	<0.5	<0.2
REP 1023525	QC	12	57	1.34	424	0.076	2	2.10	0.019	0.10	0.1	0.01	5.7	<0.1	<0.05	7	<0.5	<0.2
1010031	Soil	11	36	0.55	405	0.081	1	1.73	0.012	0.16	0.1	0.02	4.2	<0.1	<0.05	6	0.5	<0.2
REP 1010031	QC	12	36	0.57	427	0.088	1	1.84	0.015	0.17	0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1023519	Soil	7	24	0.75	194	0.099	<1	2.02	0.012	0.10	0.1	0.02	2.0	<0.1	<0.05	6	0.6	<0.2
REP 1023519	QC	6	24	0.75	198	0.096	1	2.01	0.011	0.09	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
1012701	Soil	10	18	0.65	473	0.070	1	1.45	0.017	0.12	<0.1	0.03	4.1	<0.1	<0.05	6	0.5	<0.2
REP 1012701	QC	10	17	0.65	456	0.071	1	1.50	0.015	0.12	<0.1	0.03	4.1	0.1	<0.05	6	0.5	<0.2
1012705	Soil	7	26	1.00	303	0.149	1	2.03	0.024	0.13	0.1	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
REP 1012705	QC	7	26	0.98	295	0.147	1	1.96	0.020	0.13	0.1	0.03	3.8	<0.1	<0.05	7	<0.5	<0.2
1062504	Soil	7	15	0.72	171	0.077	2	1.76	0.013	0.24	<0.1	<0.01	4.9	<0.1	<0.05	7	0.5	<0.2
REP 1062504	QC	7	14	0.69	164	0.074	3	1.73	0.012	0.25	<0.1	0.01	5.1	0.1	<0.05	7	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000458.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1010662	Soil	1.5	35.2	5.4	113	<0.1	12.0	11.2	346	2.90	3.6	0.4	1.2	1.6	60	0.2	0.2	<0.1	45	1.01	0.065
REP 1010662	QC	1.4	35.7	5.5	117	<0.1	12.3	11.6	360	2.98	3.7	0.4	0.6	1.8	63	0.3	0.2	<0.1	49	1.05	0.067
1023510	Soil	2.1	228.7	8.3	157	0.1	11.5	12.6	620	4.33	2.7	0.7	23.7	5.8	60	0.1	0.2	<0.1	103	0.41	0.116
REP 1023510	QC	2.2	218.9	7.8	153	0.1	11.0	12.1	583	4.15	2.7	0.7	25.3	5.7	58	0.1	0.2	<0.1	96	0.40	0.118
1020646	Soil	0.9	43.8	7.1	76	<0.1	17.3	11.5	429	3.37	7.1	0.7	1.6	5.4	31	<0.1	0.4	<0.1	79	0.33	0.064
REP 1020646	QC	0.7	41.8	6.9	72	<0.1	17.7	11.5	420	3.36	6.9	0.7	2.1	5.1	32	<0.1	0.3	<0.1	80	0.35	0.059
1010271	Soil	0.5	23.7	5.9	91	<0.1	5.9	7.8	476	3.10	1.9	1.7	2.1	25.1	31	0.1	0.1	0.1	34	0.28	0.038
REP 1010271	QC	0.6	23.1	6.1	86	<0.1	5.6	7.4	455	2.94	1.8	1.7	1.0	24.0	30	0.2	0.2	0.1	33	0.27	0.037
Reference Materials																					
STD DS8	Standard	13.0	107.7	139.3	314	1.8	39.0	7.5	615	2.49	26.7	2.9	110.7	7.3	67	2.2	5.6	6.6	42	0.69	0.079
STD DS8	Standard	13.4	107.1	140.4	316	1.8	37.5	7.5	642	2.47	27.3	2.8	116.2	7.4	71	2.2	5.8	6.6	42	0.68	0.083
STD DS8	Standard	13.0	119.1	128.0	330	1.7	41.3	8.1	611	2.49	24.5	2.9	108.8	7.0	67	2.3	6.0	6.8	43	0.66	0.076
STD DS8	Standard	14.1	116.0	128.1	323	1.9	39.5	7.9	617	2.54	27.1	3.0	127.4	7.5	70	2.4	6.0	7.1	45	0.72	0.079
STD DS8	Standard	12.8	101.1	120.5	328	1.9	37.6	7.7	637	2.52	28.1	2.5	116.5	6.4	68	2.7	5.5	6.4	42	0.71	0.089
STD DS8	Standard	14.0	106.0	123.9	340	1.9	38.9	7.7	644	2.52	29.3	2.7	114.3	6.6	70	2.7	5.7	6.4	42	0.75	0.086
STD DS8	Standard	13.7	109.6	123.6	336	1.8	39.7	7.9	623	2.51	28.4	2.6	184.1	6.4	64	2.5	5.8	6.6	42	0.73	0.088
STD DS8	Standard	13.8	113.8	125.6	362	1.9	38.6	8.0	628	2.53	28.7	2.6	113.2	6.6	67	2.6	5.9	6.5	43	0.71	0.086
STD DS8	Standard	13.3	109.9	122.8	321	1.8	39.3	8.0	660	2.59	27.6	2.7	106.5	6.5	64	2.4	5.4	6.6	43	0.72	0.091
STD DS8	Standard	13.8	115.3	124.3	340	1.8	39.2	8.2	663	2.65	29.1	2.7	112.1	6.5	67	2.5	5.5	6.7	45	0.72	0.090
STD DS8	Standard	12.4	106.7	126.2	303	1.6	38.7	7.4	589	2.37	25.0	2.6	108.3	6.6	62	2.3	5.2	6.5	40	0.65	0.078
STD DS8	Standard	13.7	109.0	124.0	306	1.8	38.8	7.6	615	2.49	26.2	2.8	108.6	6.9	67	2.1	5.7	6.4	44	0.68	0.078
STD DS8	Standard	13.6	116.6	135.8	330	1.8	40.0	7.9	612	2.50	26.6	3.0	120.6	7.4	69	2.3	6.0	7.2	43	0.67	0.083
STD DS8	Standard	14.2	116.7	138.0	339	1.9	42.4	8.3	651	2.62	27.7	3.1	115.9	7.5	75	2.4	6.2	7.2	45	0.72	0.082
STD DS8	Standard	13.0	106.8	137.0	311	1.8	38.8	7.7	629	2.42	26.9	2.8	108.0	7.2	70	2.4	5.6	6.3	42	0.72	0.085
STD DS8	Standard	14.8	103.1	135.6	315	1.7	38.9	7.5	654	2.47	27.2	3.0	102.3	7.4	78	2.2	6.1	6.7	43	0.70	0.073
STD DS8	Standard	12.4	102.6	124.7	308	1.7	37.8	7.5	666	2.63	27.0	2.9	123.7	7.0	70	2.3	5.6	7.4	42	0.71	0.083
STD DS8	Standard	13.8	107.1	124.2	322	1.7	38.8	7.3	638	2.46	25.2	3.0	116.7	7.3	74	2.2	5.5	7.1	43	0.73	0.081
STD DS8	Standard	13.7	105.9	134.1	328	1.8	38.5	7.5	629	2.55	27.1	3.1	122.0	7.7	74	2.3	5.6	7.1	44	0.73	0.093
STD DS8	Standard	13.2	108.0	131.0	307	1.9	37.5	7.8	603	2.51	25.9	2.9	109.2	7.5	76	2.2	5.7	6.9	41	0.68	0.080

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000458.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1010662	Soil	6	19	0.50	179	0.061	<1	2.48	0.012	0.10	<0.1	0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
REP 1010662	QC	6	21	0.51	179	0.069	<1	2.58	0.014	0.10	0.1	0.01	4.8	<0.1	<0.05	8	0.5	<0.2
1023510	Soil	20	24	1.02	317	0.191	<1	2.50	0.014	0.62	<0.1	0.02	3.5	0.2	<0.05	10	0.8	<0.2
REP 1023510	QC	20	22	0.99	315	0.182	<1	2.45	0.013	0.58	<0.1	0.02	3.4	0.2	<0.05	9	0.6	<0.2
1020646	Soil	19	29	1.04	268	0.107	<1	2.15	0.010	0.10	<0.1	0.01	4.2	<0.1	<0.05	7	0.7	<0.2
REP 1020646	QC	19	31	1.03	265	0.118	<1	2.21	0.011	0.10	<0.1	0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
1010271	Soil	38	10	0.66	290	0.085	<1	1.54	0.008	0.35	<0.1	<0.01	3.7	0.2	<0.05	7	<0.5	<0.2
REP 1010271	QC	36	10	0.63	278	0.086	<1	1.49	0.008	0.34	<0.1	0.01	3.6	0.2	<0.05	6	1.1	<0.2
Reference Materials																		
STD DS8	Standard	14	119	0.62	282	0.111	2	0.89	0.093	0.43	3.1	0.21	1.9	5.6	0.15	5	5.5	5.8
STD DS8	Standard	15	120	0.63	293	0.114	3	0.99	0.100	0.43	3.1	0.20	2.1	5.6	0.16	5	6.5	5.5
STD DS8	Standard	14	125	0.61	271	0.123	2	0.90	0.082	0.40	3.0	0.20	2.1	5.4	0.15	5	5.3	4.8
STD DS8	Standard	16	125	0.63	299	0.131	3	0.96	0.103	0.43	3.3	0.20	2.3	5.7	0.16	5	5.6	5.4
STD DS8	Standard	15	118	0.66	292	0.114	4	0.94	0.097	0.48	3.1	0.19	2.2	5.3	0.17	5	5.0	5.0
STD DS8	Standard	16	121	0.65	294	0.118	3	1.01	0.104	0.47	3.1	0.20	2.2	5.5	0.18	5	6.0	5.3
STD DS8	Standard	14	120	0.67	275	0.112	4	0.97	0.104	0.45	3.1	0.20	1.9	5.4	0.15	5	5.5	4.9
STD DS8	Standard	15	122	0.63	276	0.117	3	0.97	0.103	0.46	3.3	0.20	2.2	5.7	0.15	5	5.5	5.0
STD DS8	Standard	14	119	0.64	280	0.113	5	0.94	0.097	0.47	3.1	0.21	2.0	5.6	0.17	5	5.3	5.0
STD DS8	Standard	14	122	0.65	280	0.115	5	0.94	0.102	0.45	3.1	0.21	2.0	5.6	0.17	5	5.6	5.0
STD DS8	Standard	13	114	0.62	270	0.107	5	0.96	0.111	0.41	3.0	0.21	2.2	5.1	0.18	4	4.7	4.7
STD DS8	Standard	15	122	0.61	288	0.122	4	0.94	0.111	0.42	3.0	0.21	2.2	5.3	0.16	5	5.0	4.8
STD DS8	Standard	13	120	0.61	283	0.120	2	0.90	0.088	0.43	2.9	0.18	2.1	5.3	0.12	5	5.3	5.0
STD DS8	Standard	15	129	0.63	288	0.127	3	0.94	0.093	0.43	2.9	0.20	2.2	5.4	0.17	5	6.4	4.7
STD DS8	Standard	15	117	0.64	274	0.117	3	0.94	0.109	0.44	3.2	0.18	2.2	5.3	0.19	5	6.0	5.4
STD DS8	Standard	16	119	0.61	278	0.121	2	0.99	0.109	0.42	3.1	0.18	2.5	5.4	0.19	5	6.1	5.6
STD DS8	Standard	15	115	0.61	278	0.113	3	0.92	0.098	0.42	3.1	0.22	1.9	5.7	0.14	5	5.7	5.9
STD DS8	Standard	15	119	0.65	276	0.124	3	1.00	0.097	0.43	3.1	0.17	2.0	5.6	0.17	5	5.3	4.7
STD DS8	Standard	15	116	0.66	290	0.116	3	1.02	0.093	0.45	3.0	0.22	2.1	5.6	0.24	5	5.5	5.1
STD DS8	Standard	15	119	0.67	279	0.111	2	0.98	0.088	0.42	3.1	0.22	2.1	5.6	0.19	5	5.3	5.1

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Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000458.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.0	106.1	118.9	307	1.8	37.6	7.3	587	2.37	25.1	2.6	109.0	6.4	61	2.3	5.5	6.3	42	0.64	0.077
STD DS8	Standard	14.3	119.6	127.4	320	1.8	40.8	8.0	629	2.47	26.7	3.0	145.7	7.2	67	2.1	5.3	6.3	45	0.67	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000458.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	13	115	0.58	265	0.113	3	0.85	0.077	0.39	2.8	0.19	2.0	5.1	0.15	4	5.0	4.7
STD DS8	Standard	16	125	0.62	277	0.128	2	0.92	0.085	0.39	2.9	0.21	2.2	5.2	0.19	5	5.2	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: July 15, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI11000459.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-11
P.O. Number
Number of Samples: 282

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	282	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	282	Dry at 60C			WHI
1DX2	282	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Peter Tallman

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010470	Soil		1.1	37.6	11.2	67	<0.1	33.4	10.6	354	3.47	14.1	2.1	3.1	15.2	19	0.1	0.5	0.2	63	0.20	0.019
1010471	Soil		0.8	20.3	8.2	54	<0.1	21.6	12.7	302	3.35	8.8	0.8	2.4	6.9	16	<0.1	0.5	0.2	62	0.18	0.031
1010468	Soil		1.2	15.8	6.7	76	<0.1	9.1	14.2	606	4.47	2.7	1.0	2.4	12.3	11	<0.1	0.3	<0.1	79	0.17	0.038
1010469	Soil		1.5	11.3	10.6	48	<0.1	15.6	8.6	338	3.08	8.3	0.4	0.6	4.1	14	<0.1	0.5	0.2	65	0.15	0.040
1010467	Soil		0.7	19.2	9.9	54	0.1	25.2	11.6	413	2.84	8.2	1.2	2.8	4.8	24	<0.1	0.5	0.2	63	0.36	0.030
1010466	Soil		1.6	21.1	15.5	76	<0.1	19.1	13.5	612	4.05	5.1	2.1	<0.5	15.4	19	<0.1	0.4	0.5	58	0.27	0.019
1010465	Soil		1.1	36.2	8.8	58	<0.1	29.5	12.5	412	3.42	8.2	1.0	4.2	5.9	27	<0.1	0.5	0.2	74	0.37	0.017
1010464	Soil		1.2	13.5	8.7	57	<0.1	15.1	9.3	503	2.73	6.7	0.5	2.5	2.4	17	0.1	0.5	0.2	60	0.17	0.024
1010463	Soil		0.6	27.0	7.1	65	<0.1	17.5	16.5	553	3.62	4.8	0.7	0.6	4.5	23	<0.1	0.3	<0.1	75	0.28	0.020
1010462	Soil		0.5	40.1	8.3	63	<0.1	18.9	17.3	555	4.02	4.0	0.7	<0.5	3.9	20	<0.1	0.3	<0.1	92	0.27	0.036
1010461	Soil		0.8	18.8	10.4	76	<0.1	17.0	14.0	522	3.50	6.5	0.5	1.3	2.5	26	<0.1	0.4	0.1	72	0.21	0.032
1010460	Soil		0.6	43.4	6.9	73	<0.1	24.6	18.2	456	3.77	7.1	0.3	1.7	2.2	26	<0.1	0.3	0.1	88	0.28	0.025
1010459	Soil		0.6	161.5	4.5	86	<0.1	20.5	29.0	524	5.84	3.5	0.4	1.2	1.8	15	<0.1	0.2	<0.1	178	0.38	0.043
1010488	Soil		0.6	12.3	7.0	81	<0.1	23.7	15.7	685	3.31	5.1	0.4	<0.5	3.6	27	0.1	0.3	0.1	64	0.35	0.084
1010489	Soil		0.7	11.1	7.3	85	<0.1	22.7	15.3	755	3.19	4.5	0.4	<0.5	3.3	28	0.1	0.3	0.1	63	0.36	0.088
1010487	Soil		0.7	16.7	6.1	78	<0.1	17.4	15.1	616	4.41	7.1	0.4	1.0	5.4	18	<0.1	0.4	<0.1	88	0.19	0.023
1031640	Soil		0.8	19.6	8.4	48	<0.1	19.0	9.6	297	2.75	7.5	0.8	1.2	3.9	22	<0.1	0.4	0.1	61	0.21	0.028
1031639	Soil		0.8	6.9	5.8	92	<0.1	8.4	12.6	616	4.49	7.2	0.2	<0.5	1.7	32	<0.1	0.5	<0.1	100	0.59	0.157
1031641	Soil		0.4	6.2	6.4	79	<0.1	5.4	11.0	704	3.80	3.2	0.5	1.1	2.9	47	<0.1	0.2	<0.1	81	0.54	0.165
1031637	Soil		0.8	12.9	6.4	83	<0.1	20.4	14.7	712	3.97	5.8	0.6	0.9	5.1	34	<0.1	0.4	<0.1	86	0.45	0.124
1031638	Soil		0.3	7.3	3.4	51	<0.1	5.7	8.4	518	3.08	1.9	0.4	3.5	5.2	30	<0.1	0.3	<0.1	48	0.41	0.121
1031549	Soil		0.6	7.2	5.3	67	<0.1	10.1	10.0	517	3.41	4.0	0.3	1.2	4.6	27	<0.1	0.4	<0.1	61	0.35	0.105
1031550	Soil		0.5	9.9	4.8	102	<0.1	13.7	15.7	735	4.68	4.7	0.3	0.5	2.9	31	<0.1	0.3	<0.1	89	0.43	0.115
1010490	Soil		0.5	14.2	4.5	89	<0.1	24.8	22.0	697	3.55	3.2	0.2	<0.5	1.5	23	<0.1	0.2	<0.1	68	0.40	0.066
1010474	Soil		6.3	58.3	9.1	58	0.2	15.8	13.4	300	4.01	31.2	1.4	1.7	8.3	20	<0.1	0.7	0.9	63	0.14	0.027
1010491	Soil		0.7	15.7	6.1	80	<0.1	13.7	11.8	559	3.81	6.9	0.6	1.0	5.7	22	0.1	0.3	0.2	63	0.24	0.051
1010486	Soil		0.7	12.3	8.1	108	<0.1	19.4	14.1	575	3.91	6.2	0.7	2.0	4.8	13	<0.1	0.4	0.2	80	0.16	0.033
1010473	Soil		9.1	21.2	5.9	79	<0.1	9.2	17.2	654	5.39	6.1	0.9	0.6	3.1	13	<0.1	0.2	0.1	121	0.24	0.056
1010477	Soil		4.9	71.5	7.6	51	<0.1	16.1	9.6	311	3.22	7.8	1.8	2.7	7.6	32	<0.1	0.5	0.1	74	0.22	0.025
1010476	Soil		0.4	32.4	4.4	66	<0.1	9.1	17.7	557	4.86	3.2	1.1	<0.5	4.3	20	<0.1	0.2	0.1	111	0.45	0.092

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010470	Soil	26	41	0.59	262	0.068	3	2.04	0.015	0.07	<0.1	0.01	6.2	<0.1	<0.05	6	0.7	<0.2
1010471	Soil	12	33	0.68	261	0.097	2	2.43	0.014	0.14	0.1	0.02	3.0	0.1	<0.05	6	0.7	<0.2
1010468	Soil	8	14	0.80	157	0.092	1	1.90	0.005	0.22	0.1	<0.01	4.8	0.1	<0.05	9	0.5	<0.2
1010469	Soil	7	31	0.45	233	0.043	<1	1.93	0.008	0.05	0.1	0.05	2.0	<0.1	<0.05	7	<0.5	<0.2
1010467	Soil	13	41	0.63	434	0.054	2	1.98	0.015	0.05	0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1010466	Soil	27	44	0.78	291	0.032	2	2.23	0.008	0.09	0.1	0.02	5.2	0.1	<0.05	6	0.7	<0.2
1010465	Soil	21	52	0.82	259	0.081	<1	2.41	0.016	0.06	<0.1	0.04	7.6	<0.1	<0.05	6	1.0	<0.2
1010464	Soil	8	25	0.46	317	0.048	2	1.67	0.010	0.09	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1010463	Soil	7	26	1.46	154	0.151	<1	2.47	0.008	0.24	0.1	0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1010462	Soil	6	32	1.56	470	0.147	1	2.63	0.011	0.59	0.1	<0.01	3.9	0.1	<0.05	8	<0.5	<0.2
1010461	Soil	5	26	1.00	220	0.105	2	2.29	0.011	0.22	<0.1	0.01	2.7	0.1	<0.05	8	<0.5	<0.2
1010460	Soil	5	35	1.48	187	0.167	1	2.80	0.011	0.22	0.1	<0.01	3.0	0.1	<0.05	8	0.6	<0.2
1010459	Soil	5	41	2.12	263	0.218	<1	3.46	0.039	0.26	<0.1	<0.01	6.8	<0.1	<0.05	11	1.0	<0.2
1010488	Soil	8	46	0.83	380	0.116	1	2.07	0.010	0.24	0.1	<0.01	2.8	0.1	<0.05	7	<0.5	<0.2
1010489	Soil	8	46	0.83	466	0.122	3	2.11	0.012	0.23	0.1	<0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1010487	Soil	8	28	1.20	284	0.256	1	3.13	0.009	0.60	<0.1	<0.01	2.2	0.2	<0.05	8	<0.5	<0.2
1031640	Soil	12	31	0.62	287	0.060	<1	2.23	0.012	0.05	<0.1	0.02	4.0	<0.1	<0.05	5	0.7	<0.2
1031639	Soil	5	18	1.13	301	0.053	2	3.02	0.024	0.08	<0.1	0.02	6.4	<0.1	<0.05	10	<0.5	<0.2
1031641	Soil	13	11	1.19	150	0.070	<1	2.70	0.020	0.07	<0.1	0.01	5.5	<0.1	<0.05	9	<0.5	<0.2
1031637	Soil	16	33	1.38	390	0.075	2	2.87	0.014	0.11	<0.1	0.01	5.0	<0.1	<0.05	9	<0.5	<0.2
1031638	Soil	25	9	0.74	231	0.008	<1	2.06	0.012	0.10	<0.1	<0.01	4.2	<0.1	<0.05	6	<0.5	<0.2
1031549	Soil	15	19	0.85	250	0.015	<1	2.36	0.008	0.06	<0.1	0.05	4.2	<0.1	<0.05	7	0.6	<0.2
1031550	Soil	7	22	1.44	760	0.079	1	3.00	0.014	0.07	<0.1	<0.01	5.1	<0.1	<0.05	11	<0.5	<0.2
1010490	Soil	3	54	1.45	284	0.145	1	2.28	0.012	0.31	<0.1	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1010474	Soil	19	28	0.57	214	0.091	2	2.31	0.019	0.18	0.1	0.03	3.1	0.6	0.07	7	<0.5	0.8
1010491	Soil	8	20	0.86	186	0.148	1	2.11	0.009	0.32	<0.1	0.02	2.5	0.2	<0.05	8	0.6	<0.2
1010486	Soil	8	34	1.00	229	0.144	1	2.75	0.012	0.41	<0.1	0.02	4.0	0.2	<0.05	8	0.6	<0.2
1010473	Soil	6	18	1.06	193	0.200	<1	2.68	0.020	0.61	0.1	0.02	4.5	0.4	<0.05	9	<0.5	<0.2
1010477	Soil	31	30	0.68	263	0.104	2	2.13	0.014	0.28	0.1	0.03	4.4	0.2	<0.05	6	0.6	<0.2
1010476	Soil	14	15	1.06	315	0.160	<1	2.19	0.020	0.50	<0.1	0.01	6.1	0.4	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010492	Soil	0.9	15.1	7.3	59	<0.1	21.9	10.7	326	2.89	8.3	0.5	2.4	3.7	22	<0.1	0.5	0.1	63	0.26	0.035
1010472	Soil	1.2	16.2	8.6	45	<0.1	17.9	9.5	313	2.90	8.2	0.9	1.5	6.8	23	<0.1	0.5	0.1	64	0.26	0.029
1010657	Soil	1.2	30.7	7.5	51	<0.1	25.8	10.5	396	2.84	7.8	0.8	1.8	4.1	34	<0.1	0.5	0.1	61	0.43	0.025
1010660	Soil	0.8	19.6	5.6	44	<0.1	11.8	7.6	411	2.39	3.6	0.6	1.9	2.0	131	<0.1	0.2	0.9	40	1.85	0.063
1010655	Soil	0.4	31.6	2.7	52	<0.1	16.4	12.9	316	2.92	2.8	0.2	<0.5	1.9	64	<0.1	0.1	<0.1	67	0.47	0.033
1010654	Soil	0.2	39.8	4.2	47	<0.1	86.5	23.6	809	2.71	3.5	0.2	1.8	1.1	97	<0.1	0.1	0.1	75	1.47	0.021
1010653	Soil	0.5	29.8	4.1	67	<0.1	17.9	13.3	342	3.05	1.9	0.3	0.5	1.5	84	<0.1	0.2	0.1	70	0.50	0.040
1011357	Soil	1.0	35.0	4.3	114	<0.1	15.4	19.9	517	5.71	3.6	0.3	0.6	1.3	20	<0.1	0.2	<0.1	129	0.73	0.199
1011355	Soil	1.0	82.6	6.9	128	<0.1	21.3	16.2	747	5.61	10.8	0.5	1.4	2.8	28	<0.1	0.2	<0.1	143	0.52	0.131
1011358	Soil	0.9	35.2	4.0	107	<0.1	14.3	19.9	522	5.59	2.7	0.3	<0.5	1.3	19	<0.1	0.1	<0.1	125	0.73	0.218
1011351	Soil	1.4	58.5	11.1	88	0.1	41.6	15.7	641	4.34	8.9	0.9	4.0	3.7	39	0.2	0.6	0.2	96	0.58	0.093
1011354	Soil	1.1	81.4	7.5	134	<0.1	21.9	16.8	811	5.81	10.3	0.5	0.5	2.7	29	<0.1	0.2	<0.1	155	0.55	0.139
1011352	Soil	1.8	73.5	9.3	89	<0.1	37.9	16.5	768	4.24	11.7	0.6	4.5	3.3	35	0.2	0.5	0.1	98	0.60	0.080
1020650	Soil	1.7	53.1	16.1	92	0.1	33.8	13.9	542	4.43	12.8	1.3	3.0	3.7	36	0.1	0.5	0.2	107	0.50	0.067
1011356	Soil	2.2	51.4	8.6	115	0.2	43.7	17.1	636	4.86	11.0	0.6	0.6	3.6	30	0.1	0.6	<0.1	142	0.54	0.097
1020643	Soil	0.6	6.3	9.2	92	<0.1	25.3	15.0	593	3.83	4.0	0.3	1.1	2.5	36	<0.1	0.2	<0.1	89	0.66	0.201
1031647	Soil	0.4	12.2	3.4	97	<0.1	17.5	13.7	577	3.57	3.0	0.6	1.0	5.9	55	<0.1	0.2	<0.1	82	0.94	0.264
1031646	Soil	0.3	11.1	6.3	99	<0.1	14.7	13.4	529	4.08	3.3	0.5	0.9	4.0	59	<0.1	0.3	<0.1	95	0.93	0.251
1013968	Soil	0.7	71.0	6.4	76	<0.1	26.5	15.8	613	3.67	5.3	0.8	1.8	3.5	55	<0.1	0.3	0.1	88	0.67	0.058
1013967	Soil	0.7	39.3	10.0	120	<0.1	36.2	16.7	676	3.92	8.0	0.9	1.7	4.3	39	<0.1	0.5	0.1	87	0.37	0.035
1013965	Soil	1.1	37.1	7.0	73	<0.1	30.5	17.6	536	3.71	7.8	0.8	4.0	5.1	25	<0.1	0.5	0.1	100	0.29	0.056
1013988	Soil	1.1	64.3	9.3	270	<0.1	10.9	18.6	736	6.47	4.6	0.7	2.6	2.7	18	0.3	0.2	0.2	133	0.49	0.130
1013932	Soil	1.4	160.6	8.4	65	<0.1	27.4	12.0	370	3.08	9.7	1.0	4.6	4.5	25	<0.1	0.5	0.2	73	0.25	0.037
1013962	Soil	1.3	150.0	7.7	65	<0.1	20.4	46.9	552	5.07	3.8	0.9	3.3	2.3	72	0.1	0.2	0.1	146	0.57	0.031
1013933	Soil	9.2	30.7	5.0	38	<0.1	40.7	8.4	260	1.66	2.4	0.2	0.6	1.0	40	<0.1	<0.1	0.5	201	0.35	0.034
1013921	Soil	0.8	55.7	8.1	72	<0.1	27.5	15.6	561	3.71	6.7	0.6	3.6	3.6	44	<0.1	0.3	0.2	91	0.54	0.057
1013923	Soil	0.8	16.5	8.2	45	<0.1	15.0	9.4	395	2.63	6.3	0.6	1.3	2.9	25	<0.1	0.3	0.2	71	0.29	0.040
1013989	Soil	0.6	37.4	5.9	83	<0.1	37.9	20.8	525	3.50	5.7	0.3	1.3	3.2	31	0.2	0.2	<0.1	85	0.42	0.127
1013928	Soil	0.4	38.7	1.7	51	<0.1	14.4	20.4	323	4.88	1.1	1.0	<0.5	5.1	31	<0.1	<0.1	0.3	156	0.48	0.095
1013929	Soil	1.3	16.1	8.8	96	<0.1	20.0	15.0	484	4.44	4.9	0.6	5.3	2.4	42	<0.1	0.5	0.1	125	0.40	0.047

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Project: PED
Report Date: July 15, 2011

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010492	Soil	9	36	0.74	247	0.097	1	1.92	0.009	0.10	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1010472	Soil	17	32	0.55	274	0.101	1	1.83	0.012	0.09	0.2	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1010657	Soil	15	38	0.63	177	0.064	1	1.79	0.015	0.07	0.1	0.04	6.5	<0.1	<0.05	6	<0.5	<0.2
1010660	Soil	8	16	0.51	170	0.054	1	3.34	0.018	0.12	<0.1	0.01	7.7	<0.1	<0.05	10	0.6	0.3
1010655	Soil	3	19	1.08	187	0.114	<1	2.22	0.023	0.15	0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1010654	Soil	3	329	2.65	84	0.067	<1	4.23	0.016	0.08	0.3	0.01	12.5	<0.1	<0.05	8	<0.5	<0.2
1010653	Soil	3	25	1.16	150	0.081	<1	2.69	0.025	0.07	0.6	<0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
1011357	Soil	4	23	1.88	238	0.209	2	3.01	0.031	0.44	<0.1	<0.01	4.3	0.1	<0.05	14	1.1	<0.2
1011355	Soil	7	43	1.99	345	0.189	1	3.58	0.012	0.38	<0.1	0.01	8.0	<0.1	<0.05	13	0.7	<0.2
1011358	Soil	5	22	1.80	227	0.180	1	2.79	0.030	0.41	<0.1	0.01	4.1	0.1	<0.05	13	<0.5	<0.2
1011351	Soil	12	55	1.10	388	0.139	1	2.60	0.029	0.21	<0.1	0.03	6.8	<0.1	<0.05	8	0.9	<0.2
1011354	Soil	7	50	2.13	373	0.204	1	3.85	0.013	0.44	<0.1	0.01	7.7	0.1	<0.05	14	0.7	<0.2
1011352	Soil	12	47	1.03	357	0.124	2	2.27	0.024	0.14	<0.1	0.02	8.1	<0.1	<0.05	8	<0.5	<0.2
1020650	Soil	14	45	1.04	363	0.153	<1	2.44	0.023	0.10	0.1	0.02	7.9	<0.1	<0.05	9	0.6	<0.2
1011356	Soil	8	57	1.41	312	0.077	2	2.90	0.022	0.08	<0.1	0.01	13.3	<0.1	<0.05	10	0.9	<0.2
1020643	Soil	7	43	1.69	248	0.171	1	2.46	0.040	0.60	<0.1	<0.01	3.5	0.2	<0.05	10	<0.5	<0.2
1031647	Soil	23	28	1.31	430	0.149	<1	2.14	0.042	0.62	<0.1	0.01	5.1	0.1	<0.05	8	<0.5	<0.2
1031646	Soil	18	31	1.34	300	0.139	1	2.45	0.037	0.36	<0.1	0.01	5.7	<0.1	<0.05	10	0.7	<0.2
1013968	Soil	12	42	1.33	297	0.211	2	2.85	0.017	0.42	0.1	0.02	4.2	0.2	<0.05	8	<0.5	<0.2
1013967	Soil	17	44	1.52	348	0.187	2	3.17	0.015	0.22	0.1	0.02	4.9	0.2	<0.05	9	<0.5	<0.2
1013965	Soil	11	45	1.46	241	0.208	3	2.79	0.017	0.45	0.2	0.02	5.1	0.2	<0.05	8	<0.5	<0.2
1013988	Soil	7	15	1.75	536	0.302	2	3.26	0.027	0.83	0.1	0.01	7.8	0.2	<0.05	13	1.0	<0.2
1013932	Soil	15	55	0.85	242	0.094	2	2.25	0.018	0.06	0.2	0.01	4.8	0.1	<0.05	6	1.0	<0.2
1013962	Soil	8	31	1.24	261	0.118	1	3.23	0.042	0.09	<0.1	<0.01	14.0	<0.1	0.07	8	2.0	<0.2
1013933	Soil	2	47	5.94	322	0.077	2	5.32	0.047	0.78	<0.1	<0.01	20.7	0.1	<0.05	9	0.5	<0.2
1013921	Soil	14	43	1.30	489	0.211	2	2.51	0.027	0.37	0.7	0.03	5.2	0.2	<0.05	7	<0.5	<0.2
1013923	Soil	10	28	0.70	199	0.142	1	1.95	0.017	0.19	0.4	0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1013989	Soil	4	49	1.67	275	0.233	2	3.17	0.025	0.33	0.1	<0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1013928	Soil	12	38	2.53	673	0.267	<1	2.97	0.027	0.94	0.1	<0.01	4.8	0.2	<0.05	11	<0.5	<0.2
1013929	Soil	7	35	1.32	188	0.177	2	3.38	0.029	0.09	0.3	0.02	4.6	<0.1	<0.05	12	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013927	Soil	0.4	36.0	1.8	50	<0.1	14.2	19.3	318	4.82	1.4	1.0	<0.5	5.2	29	<0.1	<0.1	0.2	152	0.46	0.097
1013931	Soil	1.8	214.0	4.6	23	<0.1	23.5	12.0	160	3.36	3.5	0.4	1.3	1.4	11	<0.1	0.3	0.2	48	0.18	0.022
1013930	Soil	0.9	27.6	8.0	61	<0.1	24.4	13.0	456	3.63	7.4	1.0	3.7	4.6	44	<0.1	0.5	0.1	92	0.60	0.068
1013926	Soil	1.4	181.6	12.5	66	<0.1	26.9	9.9	375	3.13	12.4	1.0	3.2	8.2	18	0.2	0.6	1.3	69	0.19	0.051
1013924	Soil	0.9	28.0	9.2	59	<0.1	24.4	10.9	425	3.12	8.8	1.1	2.6	4.6	33	0.1	0.5	0.2	73	0.33	0.043
1013925	Soil	0.9	21.0	8.4	54	<0.1	19.9	12.6	507	3.02	5.5	0.7	1.6	4.2	41	0.2	0.3	0.4	69	0.34	0.047
1013963	Soil	0.6	29.6	5.9	55	<0.1	14.5	14.8	319	3.71	4.2	0.7	1.6	3.1	61	<0.1	0.2	0.1	86	1.27	0.039
1013922	Soil	0.9	32.7	9.8	65	<0.1	25.5	13.5	490	3.40	8.6	1.0	6.4	4.3	33	0.1	0.4	0.2	78	0.35	0.042
1013987	Soil	0.6	58.1	4.9	75	<0.1	18.1	18.0	598	4.01	4.8	0.7	1.1	2.7	21	0.1	0.4	<0.1	118	0.37	0.071
1013985	Soil	0.6	74.6	6.0	74	<0.1	21.8	23.5	559	4.57	4.3	0.4	1.9	2.2	30	<0.1	0.2	<0.1	145	0.43	0.049
1013986	Soil	0.5	61.0	1.8	73	<0.1	21.5	21.4	576	4.28	1.4	0.4	<0.5	1.6	13	<0.1	<0.1	0.1	130	0.28	0.059
1013983	Soil	0.5	76.2	3.5	99	<0.1	14.7	26.7	432	4.88	2.1	0.3	0.8	1.3	22	<0.1	<0.1	<0.1	152	0.31	0.029
1013984	Soil	0.4	173.1	2.1	76	<0.1	21.8	27.5	490	4.18	2.2	0.5	1.0	1.1	17	0.1	<0.1	<0.1	121	0.67	0.218
1013982	Soil	1.2	100.1	6.8	104	<0.1	22.8	19.5	508	5.75	3.6	1.6	1.4	3.3	15	<0.1	0.1	<0.1	217	0.15	0.055
1013977	Soil	0.7	24.2	4.1	79	<0.1	12.3	20.0	1019	5.66	2.5	0.7	<0.5	1.2	90	<0.1	0.1	<0.1	132	0.74	0.081
1013980	Soil	1.3	40.3	11.3	66	0.1	20.8	16.7	594	3.91	6.3	1.3	3.4	4.1	32	<0.1	0.3	0.3	94	0.34	0.022
1013979	Soil	0.5	37.3	4.7	74	<0.1	19.0	19.5	583	4.19	4.6	0.5	2.0	2.4	31	<0.1	0.3	0.1	142	0.39	0.041
1013978	Soil	0.6	49.4	6.4	67	<0.1	21.1	16.9	639	4.17	5.8	0.6	2.6	3.3	18	<0.1	0.2	0.1	95	0.33	0.062
1013981	Soil	0.8	50.6	7.7	54	<0.1	24.2	9.7	391	2.74	9.6	0.8	3.9	4.0	32	<0.1	0.5	0.1	65	0.39	0.070
1013976	Soil	0.7	27.9	9.2	52	<0.1	22.0	12.9	415	2.78	7.7	0.8	2.7	3.8	19	<0.1	0.4	0.1	65	0.22	0.030
1013355	Soil	1.1	36.9	5.8	50	0.1	15.2	9.8	261	2.90	6.2	0.4	1.4	1.6	14	<0.1	0.3	0.1	74	0.20	0.041
1015091	Soil	0.9	14.5	7.4	45	0.2	17.3	7.8	221	2.40	6.5	0.7	1.1	3.4	18	<0.1	0.2	0.1	56	0.24	0.036
1013361	Soil	1.6	27.3	6.7	51	0.1	20.7	13.3	468	2.87	6.1	0.3	1.3	2.0	17	<0.1	0.3	0.2	75	0.20	0.021
1013354	Soil	1.1	37.2	5.9	48	0.1	14.8	9.2	247	2.92	7.1	0.3	1.6	1.6	17	<0.1	0.3	0.1	69	0.24	0.052
1015095	Soil	1.0	20.9	5.7	44	0.1	16.2	9.1	256	2.52	5.0	0.4	0.8	2.2	23	<0.1	0.3	0.1	65	0.31	0.024
1013367	Soil	0.7	20.3	6.7	56	<0.1	17.7	10.1	350	2.64	6.2	0.3	2.3	2.3	18	<0.1	0.3	0.1	66	0.25	0.029
1013369	Soil	1.0	28.3	8.3	49	<0.1	18.6	13.2	529	2.67	6.5	0.6	1.7	3.0	23	<0.1	0.3	0.1	71	0.33	0.022
1013358	Soil	1.7	35.2	6.7	57	0.1	19.6	13.8	371	3.09	6.4	0.6	1.6	2.7	18	<0.1	0.2	0.1	76	0.18	0.027
1013370	Soil	1.0	21.3	9.1	41	0.1	17.5	11.3	613	2.51	6.6	0.6	1.5	3.1	21	0.1	0.3	0.2	63	0.26	0.019
1013357	Soil	1.5	42.1	6.9	38	0.2	17.6	10.9	318	2.71	4.1	0.4	2.8	1.5	22	<0.1	0.2	0.1	78	0.26	0.049

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013927	Soil	13	37	2.52	640	0.258	1	3.01	0.028	0.85	0.1	<0.01	4.7	0.2	<0.05	10	<0.5	<0.2
1013931	Soil	3	93	0.92	79	0.041	1	1.70	0.037	0.03	<0.1	<0.01	2.6	<0.1	0.06	3	1.3	0.2
1013930	Soil	14	36	1.14	618	0.163	2	2.19	0.023	0.21	0.3	0.03	7.2	<0.1	<0.05	7	<0.5	<0.2
1013926	Soil	15	36	0.50	204	0.081	2	2.29	0.012	0.07	0.2	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1013924	Soil	16	39	0.71	328	0.131	2	2.07	0.017	0.13	0.4	0.03	6.0	0.1	<0.05	6	<0.5	<0.2
1013925	Soil	11	34	0.95	273	0.179	2	2.27	0.018	0.29	1.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1013963	Soil	12	21	1.14	249	0.159	1	3.82	0.031	0.21	<0.1	0.01	8.5	<0.1	<0.05	9	<0.5	<0.2
1013922	Soil	16	41	0.88	316	0.147	2	2.40	0.015	0.15	0.7	0.02	5.1	0.1	<0.05	7	<0.5	<0.2
1013987	Soil	8	24	1.29	288	0.185	1	2.60	0.031	0.37	<0.1	0.01	5.5	0.2	<0.05	7	<0.5	<0.2
1013985	Soil	7	30	1.96	423	0.271	1	3.49	0.024	0.43	0.1	<0.01	5.7	0.3	<0.05	8	<0.5	<0.2
1013986	Soil	19	57	2.25	379	0.256	<1	2.98	0.014	0.65	<0.1	<0.01	4.4	0.2	<0.05	8	<0.5	<0.2
1013983	Soil	7	32	3.18	668	0.267	<1	3.63	0.019	0.98	<0.1	<0.01	5.3	0.3	<0.05	12	0.6	<0.2
1013984	Soil	4	60	1.83	505	0.211	<1	2.86	0.039	0.80	<0.1	<0.01	3.8	0.2	<0.05	8	<0.5	<0.2
1013982	Soil	9	64	2.43	721	0.376	<1	3.50	0.018	1.64	0.3	<0.01	15.2	0.5	0.17	14	0.9	<0.2
1013977	Soil	3	20	2.52	428	0.290	<1	4.17	0.013	0.72	0.1	<0.01	8.0	0.1	<0.05	14	<0.5	<0.2
1013980	Soil	15	32	1.14	232	0.070	<1	3.18	0.013	0.09	0.2	0.02	7.3	0.2	<0.05	8	<0.5	<0.2
1013979	Soil	11	30	1.79	524	0.166	<1	2.70	0.017	0.30	0.1	<0.01	7.7	0.2	<0.05	9	<0.5	<0.2
1013978	Soil	15	28	1.43	481	0.208	<1	2.51	0.013	0.23	0.2	0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
1013981	Soil	14	34	0.65	300	0.087	<1	1.55	0.017	0.07	0.1	0.04	6.6	<0.1	<0.05	5	0.8	<0.2
1013976	Soil	13	33	0.78	213	0.113	1	1.87	0.011	0.13	0.1	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
1013355	Soil	7	25	0.73	148	0.138	<1	1.63	0.011	0.16	0.1	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
1015091	Soil	13	28	0.51	192	0.088	<1	1.62	0.012	0.07	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1013361	Soil	6	33	0.82	212	0.129	1	1.64	0.012	0.25	<0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1013354	Soil	6	25	0.67	172	0.129	1	1.60	0.011	0.17	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1015095	Soil	8	32	0.80	175	0.103	1	1.78	0.012	0.07	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1013367	Soil	7	27	0.84	247	0.138	<1	1.68	0.014	0.21	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1013369	Soil	11	28	0.78	269	0.099	<1	1.73	0.015	0.09	<0.1	0.02	4.4	<0.1	<0.05	5	0.5	<0.2
1013358	Soil	9	30	0.91	247	0.148	<1	1.91	0.014	0.22	<0.1	<0.01	3.6	0.1	<0.05	6	0.5	<0.2
1013370	Soil	10	29	0.54	317	0.096	1	1.53	0.012	0.11	0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1013357	Soil	6	29	0.74	259	0.139	1	1.39	0.016	0.21	<0.1	0.01	3.1	<0.1	0.05	7	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013372	Soil	1.0	52.2	8.3	56	0.1	27.7	16.3	435	3.22	7.3	0.3	4.9	2.6	25	<0.1	0.3	<0.1	89	0.38	0.021
1013373	Soil	1.0	35.1	7.1	50	<0.1	20.1	15.9	540	3.04	5.3	0.4	2.8	2.5	24	<0.1	0.3	<0.1	84	0.34	0.016
1015094	Soil	1.3	15.1	7.4	41	<0.1	16.3	7.9	288	2.33	5.5	0.6	2.7	2.6	19	<0.1	0.2	0.1	58	0.27	0.032
1015093	Soil	1.3	16.8	5.9	43	0.1	14.4	7.6	276	2.26	4.8	0.9	1.5	2.5	23	<0.1	0.2	0.1	57	0.30	0.039
1015092	Soil	1.3	14.5	6.6	47	<0.1	17.4	9.3	370	2.40	6.1	0.9	3.4	4.5	21	<0.1	0.2	0.1	59	0.31	0.036
1013374	Soil	1.6	40.2	11.9	66	0.2	28.5	14.1	481	3.40	26.4	0.7	4.2	4.0	24	<0.1	0.4	0.2	93	0.36	0.024
1010639	Soil	0.4	35.3	3.5	40	<0.1	35.4	18.4	336	3.11	3.9	0.6	<0.5	5.7	21	<0.1	0.1	0.2	75	0.41	0.047
1010627	Soil	1.2	54.6	7.0	58	<0.1	26.5	14.4	511	3.40	8.8	1.0	1.4	17.5	15	<0.1	0.3	0.2	77	0.21	0.035
1010630	Soil	0.9	48.5	6.3	41	<0.1	24.3	13.0	234	2.49	6.7	0.5	2.5	2.7	19	<0.1	0.3	<0.1	59	0.20	0.026
1010612	Soil	0.6	57.6	3.7	55	<0.1	20.7	18.9	382	3.26	3.7	0.2	0.7	1.1	21	<0.1	0.2	<0.1	84	0.23	0.039
1010606	Soil	0.8	35.8	6.0	52	<0.1	28.5	13.6	339	2.69	6.6	1.0	1.2	4.3	30	<0.1	0.2	<0.1	65	0.34	0.029
1010608	Soil	0.6	28.6	5.7	82	<0.1	24.8	14.1	400	3.42	5.1	0.6	2.5	4.1	40	<0.1	0.3	<0.1	70	0.46	0.046
1010607	Soil	0.6	29.4	6.9	49	<0.1	31.6	13.8	277	2.95	6.8	0.4	1.0	3.4	25	<0.1	0.2	<0.1	79	0.30	0.019
1010605	Soil	1.5	29.8	6.3	42	<0.1	36.5	16.7	373	3.51	6.6	1.5	1.3	12.8	29	<0.1	0.2	<0.1	85	0.38	0.021
1010625	Soil	1.3	25.9	9.8	59	<0.1	25.7	15.3	859	3.43	10.1	0.4	2.3	2.3	21	0.2	0.4	0.1	90	0.29	0.035
1010609	Soil	0.9	30.9	6.5	81	<0.1	26.7	14.6	416	3.54	6.0	0.6	<0.5	4.7	40	<0.1	0.3	0.1	73	0.43	0.040
1010624	Soil	0.7	30.9	7.2	34	<0.1	24.2	10.3	221	2.33	7.6	0.5	0.9	2.7	20	<0.1	0.3	0.1	58	0.26	0.014
1010601	Soil	0.3	19.8	1.6	31	<0.1	73.3	23.6	526	2.96	2.4	0.6	0.9	5.4	47	<0.1	0.1	<0.1	62	0.74	0.027
1010602	Soil	1.2	38.4	9.2	43	<0.1	23.9	11.1	280	2.97	9.2	2.4	7.8	7.9	23	<0.1	0.6	0.2	70	0.26	0.031
1010603	Soil	0.6	23.0	8.0	42	<0.1	22.2	9.3	284	2.63	8.5	0.7	2.8	4.6	29	<0.1	0.3	0.2	66	0.33	0.026
1010638	Soil	0.7	23.2	5.7	41	<0.1	30.4	12.0	383	2.61	6.7	0.8	1.7	4.5	29	<0.1	0.4	<0.1	60	0.47	0.043
1010636	Soil	0.6	64.3	1.7	38	<0.1	31.6	24.4	489	5.66	3.0	1.0	<0.5	8.6	15	<0.1	0.1	<0.1	98	0.30	0.038
1010484	Soil	0.7	24.2	7.1	65	<0.1	23.2	12.5	403	3.57	7.8	0.7	0.9	4.7	16	<0.1	0.4	0.1	76	0.18	0.021
1010485	Soil	0.9	23.5	6.7	73	<0.1	22.2	13.2	414	3.47	9.0	1.4	1.2	9.4	16	<0.1	0.5	0.1	59	0.14	0.023
1010481	Soil	0.6	21.5	5.5	78	<0.1	9.1	20.2	554	4.25	4.5	0.3	<0.5	1.7	13	<0.1	0.2	<0.1	137	0.35	0.046
1010483	Soil	1.1	38.7	9.7	65	<0.1	31.5	11.8	473	3.40	10.9	1.6	4.3	7.8	32	<0.1	0.6	0.2	77	0.37	0.028
1010482	Soil	0.9	22.2	8.9	65	<0.1	14.9	14.4	571	3.97	6.7	0.6	<0.5	4.0	20	<0.1	0.5	0.2	108	0.27	0.027
1010480	Soil	0.6	42.5	6.1	93	<0.1	20.0	14.5	652	4.06	6.1	0.8	<0.5	5.1	20	<0.1	0.4	0.1	81	0.26	0.038
1010479	Soil	1.0	15.3	8.9	59	0.1	15.0	8.5	376	3.12	8.4	0.5	<0.5	3.3	17	<0.1	0.5	0.2	71	0.18	0.034
1010475	Soil	1.0	12.1	9.5	51	<0.1	14.8	8.5	321	3.53	9.3	0.8	<0.5	5.3	15	<0.1	0.5	0.2	73	0.18	0.040

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013372	Soil	6	38	1.16	298	0.141	1	2.31	0.017	0.11	<0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
1013373	Soil	7	33	0.86	303	0.126	<1	1.95	0.014	0.27	<0.1	0.02	5.3	<0.1	<0.05	6	<0.5	<0.2
1015094	Soil	9	29	0.60	191	0.091	1	1.46	0.010	0.07	0.2	0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1015093	Soil	15	24	0.53	267	0.093	2	1.45	0.011	0.10	0.1	0.03	2.6	<0.1	<0.05	5	0.8	<0.2
1015092	Soil	14	29	0.58	242	0.093	1	1.54	0.012	0.07	0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1013374	Soil	13	48	1.07	269	0.088	<1	2.38	0.010	0.11	0.1	0.02	7.6	<0.1	<0.05	7	<0.5	<0.2
1010639	Soil	9	75	1.19	159	0.199	2	2.53	0.015	0.25	<0.1	0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1010627	Soil	7	54	0.87	222	0.142	1	2.43	0.011	0.11	<0.1	<0.01	2.9	0.1	<0.05	8	0.6	<0.2
1010630	Soil	5	38	0.63	122	0.103	<1	2.32	0.014	0.04	<0.1	0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1010612	Soil	3	29	1.43	226	0.265	<1	2.39	0.014	0.52	<0.1	0.01	1.5	0.1	<0.05	6	<0.5	<0.2
1010606	Soil	16	59	0.85	166	0.113	<1	2.02	0.017	0.06	<0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
1010608	Soil	12	52	1.12	387	0.219	1	2.29	0.015	0.24	0.1	<0.01	4.2	0.1	<0.05	6	<0.5	<0.2
1010607	Soil	7	69	0.93	143	0.155	2	2.35	0.017	0.04	<0.1	0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1010605	Soil	14	99	1.26	153	0.166	1	2.81	0.017	0.09	<0.1	0.02	6.3	0.1	<0.05	9	<0.5	<0.2
1010625	Soil	7	46	0.81	242	0.098	2	2.23	0.013	0.06	0.2	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1010609	Soil	14	53	1.11	364	0.206	2	2.49	0.017	0.21	0.1	<0.01	4.1	0.1	<0.05	6	<0.5	<0.2
1010624	Soil	6	42	0.59	129	0.086	2	1.76	0.014	0.05	<0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1010601	Soil	7	128	1.83	202	0.172	2	3.35	0.018	0.22	<0.1	<0.01	4.5	0.1	<0.05	7	<0.5	<0.2
1010602	Soil	30	45	0.62	205	0.075	2	2.21	0.014	0.05	0.1	0.04	9.0	0.1	<0.05	6	<0.5	<0.2
1010603	Soil	13	39	0.62	209	0.085	2	1.87	0.018	0.05	0.1	0.06	5.1	<0.1	<0.05	5	<0.5	<0.2
1010638	Soil	10	55	0.78	200	0.099	1	2.02	0.018	0.07	<0.1	<0.01	4.5	<0.1	<0.05	5	<0.5	<0.2
1010636	Soil	12	95	1.92	112	0.262	1	3.09	0.014	0.46	<0.1	<0.01	4.6	0.2	<0.05	12	<0.5	<0.2
1010484	Soil	24	43	1.08	264	0.150	1	2.46	0.010	0.37	<0.1	0.02	4.1	0.2	<0.05	7	<0.5	<0.2
1010485	Soil	17	30	0.69	204	0.100	2	2.23	0.010	0.24	0.1	0.02	4.4	0.2	<0.05	6	<0.5	<0.2
1010481	Soil	4	14	1.27	215	0.260	1	2.52	0.028	0.58	<0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1010483	Soil	25	45	0.85	430	0.121	2	2.31	0.018	0.10	0.1	0.02	7.7	<0.1	<0.05	6	0.5	<0.2
1010482	Soil	10	27	1.01	285	0.161	2	2.59	0.017	0.18	<0.1	0.02	4.1	0.1	<0.05	8	<0.5	<0.2
1010480	Soil	11	24	1.05	343	0.212	2	2.53	0.012	0.75	<0.1	0.02	4.0	0.4	<0.05	8	<0.5	<0.2
1010479	Soil	9	30	0.57	259	0.087	2	2.12	0.009	0.12	0.1	0.02	2.7	0.1	<0.05	7	<0.5	<0.2
1010475	Soil	9	32	0.56	176	0.061	2	2.06	0.009	0.07	0.1	0.03	3.2	<0.1	<0.05	7	0.6	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010478	Soil	0.8	14.0	13.6	88	<0.1	11.8	9.8	538	3.59	5.1	0.9	<0.5	7.2	15	<0.1	0.2	0.1	59	0.18	0.032
1013974	Soil	0.3	12.7	3.7	32	<0.1	12.3	10.7	512	2.62	1.5	1.2	<0.5	7.8	70	<0.1	<0.1	0.1	53	1.26	0.020
1013973	Soil	0.5	16.6	4.7	75	<0.1	18.8	16.1	532	4.66	5.7	0.7	0.8	5.0	30	<0.1	0.3	0.1	132	0.25	0.045
1013972	Soil	0.5	81.0	5.6	134	<0.1	18.9	26.3	395	5.59	3.3	0.6	4.9	2.4	140	0.1	0.2	0.1	175	0.53	0.063
1013971	Soil	0.6	70.7	2.3	50	<0.1	22.8	17.3	204	2.90	1.5	0.2	<0.5	0.6	13	<0.1	<0.1	<0.1	80	0.17	0.014
1013970	Soil	0.3	82.9	4.3	67	<0.1	9.2	17.5	276	4.07	2.4	0.6	<0.5	2.3	55	<0.1	0.1	<0.1	172	1.47	0.059
1013964	Soil	0.5	51.1	3.5	57	<0.1	26.5	16.9	424	3.48	3.1	0.7	<0.5	4.5	29	<0.1	0.2	<0.1	107	0.62	0.058
1013969	Soil	0.4	74.3	2.1	64	<0.1	11.6	17.5	295	4.12	2.1	0.7	<0.5	2.2	21	<0.1	<0.1	<0.1	157	0.32	0.068
1013966	Soil	0.5	23.9	3.0	66	<0.1	28.9	17.9	656	3.74	4.4	0.5	<0.5	2.4	32	<0.1	0.2	<0.1	90	0.44	0.057
1013975	Soil	0.7	38.0	3.7	98	<0.1	26.3	24.8	1043	4.59	5.3	0.3	<0.5	1.5	18	<0.1	0.3	<0.1	105	0.25	0.083
1015096	Soil	1.8	47.6	5.2	44	0.1	26.1	12.1	349	2.43	4.3	0.4	<0.5	1.8	25	<0.1	0.3	0.1	62	0.32	0.025
1015097	Soil	2.7	67.9	8.0	49	<0.1	21.8	10.0	313	2.38	5.4	0.5	<0.5	2.5	29	<0.1	0.2	0.2	67	0.38	0.026
1013371	Soil	1.0	31.1	8.7	65	0.1	19.4	12.7	423	3.15	7.0	0.4	<0.5	2.3	25	<0.1	0.3	0.2	85	0.37	0.028
1013366	Soil	1.3	24.5	7.3	45	<0.1	21.4	9.7	395	2.52	6.8	0.4	<0.5	2.6	24	0.1	0.5	0.1	63	0.31	0.025
1013362	Soil	1.4	42.5	8.4	82	<0.1	26.9	17.6	786	3.15	4.8	0.3	<0.5	1.7	22	0.2	0.3	0.1	84	0.30	0.038
1015098	Soil	1.0	27.7	5.5	44	0.3	15.6	8.7	240	2.31	3.8	0.6	1.4	1.9	23	<0.1	0.2	0.1	57	0.28	0.032
1013368	Soil	1.1	18.2	9.2	48	<0.1	18.3	8.9	358	2.69	6.2	0.5	1.5	2.6	22	<0.1	0.3	0.2	70	0.25	0.015
1013365	Soil	0.6	31.0	3.5	59	<0.1	18.8	15.9	486	3.26	2.7	0.3	<0.5	1.9	23	<0.1	0.1	<0.1	78	0.41	0.061
1015099	Soil	1.3	21.3	9.1	55	0.1	15.2	10.1	299	2.97	5.9	0.3	0.6	1.6	21	<0.1	0.3	0.1	79	0.32	0.037
1015100	Soil	2.4	46.9	5.6	63	0.2	17.9	13.2	407	3.11	14.3	0.4	<0.5	1.6	37	<0.1	0.3	<0.1	81	0.43	0.048
1013351	Soil	1.4	166.1	6.6	66	0.7	15.1	11.6	232	3.59	3.1	2.0	7.9	1.9	36	0.1	0.1	0.2	73	0.38	0.063
1013353	Soil	1.2	51.1	7.1	51	0.1	14.4	10.6	258	3.01	6.1	0.4	1.6	1.3	19	<0.1	0.3	0.2	82	0.19	0.053
1013359	Soil	1.1	31.9	6.0	56	0.2	15.4	12.9	449	2.81	5.7	0.5	1.8	2.2	20	0.1	0.3	0.2	61	0.22	0.041
1013364	Soil	1.0	36.0	7.7	65	<0.1	21.7	14.3	374	3.33	6.9	0.5	1.9	2.7	22	<0.1	0.4	0.2	76	0.28	0.036
1013363	Soil	1.5	30.6	8.2	52	0.2	22.0	10.5	349	3.01	7.0	0.5	2.5	2.7	24	0.1	0.4	0.1	70	0.29	0.028
1013356	Soil	0.7	52.3	4.6	36	0.2	11.6	7.9	195	2.23	3.1	0.4	1.3	1.4	17	<0.1	0.1	0.1	61	0.23	0.051
1013360	Soil	1.6	45.6	5.8	86	<0.1	22.3	13.0	431	4.01	5.7	0.5	2.4	2.1	25	<0.1	0.3	0.1	75	0.33	0.039
1023765	Soil	0.7	23.1	7.3	75	<0.1	16.5	10.8	498	3.26	6.6	0.9	2.8	4.7	33	<0.1	0.3	0.1	73	0.48	0.093
1023764	Soil	0.6	17.3	6.3	71	<0.1	12.8	9.0	474	3.15	5.5	0.4	<0.5	3.0	26	<0.1	0.3	<0.1	61	0.34	0.085
1023762	Soil	0.5	9.6	5.2	91	<0.1	8.6	10.7	579	4.12	5.0	0.3	2.4	2.5	50	<0.1	0.2	<0.1	78	0.56	0.113

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010478	Soil	10	23	0.82	190	0.178	1	2.55	0.009	0.57	<0.1	<0.01	2.6	0.3	<0.05	9	<0.5	<0.2
1013974	Soil	13	21	0.80	192	0.062	<1	3.39	0.018	0.25	<0.1	<0.01	4.8	<0.1	<0.05	8	<0.5	<0.2
1013973	Soil	9	34	2.15	318	0.214	<1	3.27	0.015	0.49	0.2	0.01	10.8	0.2	<0.05	11	<0.5	<0.2
1013972	Soil	11	28	1.91	339	0.207	<1	3.54	0.029	0.22	<0.1	<0.01	7.4	0.1	<0.05	11	<0.5	<0.2
1013971	Soil	4	75	1.93	268	0.124	1	2.05	0.016	0.34	<0.1	<0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1013970	Soil	10	13	1.58	308	0.136	<1	3.97	0.019	0.26	<0.1	<0.01	6.2	<0.1	<0.05	10	<0.5	<0.2
1013964	Soil	13	51	1.88	280	0.227	<1	2.85	0.019	0.49	<0.1	<0.01	3.6	0.1	<0.05	9	<0.5	<0.2
1013969	Soil	10	27	1.51	304	0.175	<1	2.10	0.024	0.50	<0.1	<0.01	5.0	0.1	<0.05	7	<0.5	<0.2
1013966	Soil	9	38	1.75	350	0.258	1	2.90	0.017	0.83	<0.1	<0.01	3.3	0.3	<0.05	8	<0.5	<0.2
1013975	Soil	3	33	1.81	272	0.294	<1	3.17	0.013	0.74	<0.1	<0.01	2.1	0.2	<0.05	8	<0.5	<0.2
1015096	Soil	7	58	0.91	167	0.063	<1	1.89	0.016	0.06	0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1015097	Soil	8	42	1.02	168	0.094	2	2.03	0.018	0.07	0.1	0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1013371	Soil	7	30	0.99	269	0.114	1	1.98	0.015	0.16	0.2	0.01	4.7	0.1	<0.05	6	<0.5	<0.2
1013366	Soil	9	32	0.67	268	0.101	<1	1.51	0.014	0.12	0.1	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1013362	Soil	6	86	1.34	286	0.134	1	1.91	0.014	0.28	<0.1	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1015098	Soil	10	28	0.74	218	0.104	1	1.75	0.014	0.09	0.1	0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1013368	Soil	9	29	0.77	223	0.132	2	1.60	0.013	0.16	0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1013365	Soil	5	33	1.42	294	0.197	<1	2.16	0.013	0.66	<0.1	<0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1015099	Soil	6	27	0.95	141	0.140	<1	1.89	0.012	0.17	<0.1	0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1015100	Soil	6	28	1.09	177	0.119	1	1.94	0.016	0.18	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1013351	Soil	14	28	1.05	559	0.137	2	2.09	0.019	0.41	<0.1	0.06	6.5	0.2	0.27	7	1.4	<0.2
1013353	Soil	6	24	0.65	140	0.112	2	1.54	0.015	0.08	<0.1	0.01	2.5	<0.1	<0.05	7	0.8	<0.2
1013359	Soil	7	23	0.70	259	0.127	2	1.53	0.013	0.32	<0.1	<0.01	3.1	0.1	<0.05	5	<0.5	<0.2
1013364	Soil	10	35	1.04	252	0.143	2	2.05	0.013	0.15	0.1	<0.01	3.5	0.1	<0.05	6	<0.5	<0.2
1013363	Soil	8	34	0.75	254	0.132	<1	1.76	0.014	0.19	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1013356	Soil	6	17	0.62	167	0.129	1	1.23	0.021	0.20	<0.1	0.01	2.4	0.1	0.06	5	0.5	<0.2
1013360	Soil	7	29	1.13	248	0.215	1	2.27	0.017	0.42	<0.1	0.02	3.9	0.2	<0.05	7	0.5	<0.2
1023765	Soil	15	26	0.84	352	0.114	2	2.16	0.019	0.25	0.1	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1023764	Soil	11	20	0.80	296	0.111	1	1.83	0.013	0.16	0.1	0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1023762	Soil	13	16	1.18	336	0.040	1	2.69	0.009	0.06	<0.1	<0.01	4.2	<0.1	<0.05	9	0.6	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023761	Soil	1.1	13.8	6.3	58	<0.1	13.4	7.5	346	2.63	5.2	0.5	1.4	3.2	27	<0.1	0.3	<0.1	63	0.38	0.075
1023760	Soil	0.8	15.6	6.2	69	<0.1	13.0	8.8	398	2.99	5.0	0.4	0.8	2.9	25	<0.1	0.3	<0.1	69	0.37	0.085
1023759	Soil	0.8	16.1	5.2	81	<0.1	7.2	9.8	603	3.24	4.0	0.3	1.1	1.9	20	0.1	0.1	<0.1	73	0.34	0.131
1023758	Soil	0.6	171.9	4.2	83	<0.1	8.9	9.9	527	3.61	3.8	0.4	0.9	3.4	26	<0.1	0.1	<0.1	75	0.45	0.140
1023756	Soil	1.1	13.6	8.8	69	<0.1	16.6	10.0	435	3.21	6.4	0.5	5.8	2.7	31	<0.1	0.3	0.1	78	0.41	0.050
1023755	Soil	0.6	10.3	5.2	70	<0.1	11.0	10.0	514	3.19	4.3	0.3	4.1	1.8	28	<0.1	0.2	<0.1	66	0.39	0.085
1023752	Soil	0.5	12.6	4.0	120	<0.1	12.2	15.2	1088	4.45	4.0	0.7	4.4	2.9	40	<0.1	0.3	<0.1	82	0.79	0.206
1023753	Soil	0.6	16.5	5.8	78	<0.1	15.6	9.5	542	3.09	5.5	0.6	2.2	3.3	35	<0.1	0.4	<0.1	67	0.49	0.096
1023754	Soil	0.9	18.7	7.2	74	<0.1	18.4	10.7	537	3.08	7.2	0.9	2.9	3.5	33	<0.1	0.4	0.1	69	0.43	0.071
1023757	Soil	0.6	5.8	4.9	101	<0.1	6.8	18.3	1252	3.74	3.5	0.2	1.2	1.5	36	<0.1	0.2	<0.1	80	0.69	0.197
1023779	Soil	0.6	10.6	8.0	69	<0.1	11.7	8.7	488	2.82	4.6	0.8	1.2	2.8	62	0.1	0.2	<0.1	58	0.78	0.117
1023778	Soil	0.6	5.8	7.8	98	<0.1	12.6	13.5	771	3.72	3.8	0.3	0.7	2.5	74	<0.1	0.2	<0.1	67	0.55	0.162
1023776	Soil	0.8	13.4	9.6	88	<0.1	14.0	10.9	674	3.20	4.8	1.1	2.6	4.6	64	<0.1	0.2	<0.1	64	0.60	0.145
1023775	Soil	0.5	2.4	7.6	25	<0.1	3.8	2.8	289	2.62	1.0	0.3	1.3	3.5	24	<0.1	1.9	<0.1	28	0.39	0.107
1023777	Soil	0.3	3.8	10.7	51	<0.1	6.1	6.8	813	3.10	9.4	0.4	2.1	6.6	28	<0.1	0.5	<0.1	44	0.63	0.128
1023774	Soil	0.3	6.3	4.7	147	<0.1	6.3	14.9	702	5.05	4.4	0.7	<0.5	1.0	62	<0.1	0.1	<0.1	80	1.09	0.286
1023771	Soil	0.3	4.9	14.5	78	<0.1	4.3	5.1	616	3.07	4.6	0.8	0.5	3.1	24	0.2	0.3	0.3	23	0.40	0.137
1023772	Soil	0.5	6.8	7.6	100	0.1	6.6	10.2	905	3.87	3.7	0.8	1.9	2.8	36	<0.1	0.3	0.2	70	0.71	0.168
1023773	Soil	0.5	8.1	7.1	77	<0.1	7.3	8.4	544	3.39	4.8	0.9	2.4	3.5	32	<0.1	0.4	0.1	66	0.58	0.134
1023769	Soil	0.9	10.0	8.0	57	<0.1	12.3	8.3	354	2.90	7.4	0.4	1.9	2.1	21	<0.1	0.4	0.1	60	0.32	0.101
1023768	Soil	0.8	7.9	4.8	115	<0.1	7.5	15.6	962	4.54	5.4	0.3	1.1	2.2	25	<0.1	0.2	<0.1	93	0.55	0.212
1023763	Soil	1.2	21.6	9.4	73	<0.1	15.7	11.0	473	3.52	8.9	0.4	2.9	3.2	19	<0.1	0.5	0.1	71	0.20	0.087
1023770	Soil	0.5	6.8	6.5	94	<0.1	7.5	10.7	510	4.22	4.1	0.2	0.8	1.6	35	<0.1	0.4	<0.1	77	0.54	0.161
1023766	Soil	0.6	10.2	5.0	87	<0.1	8.7	11.1	996	3.27	4.6	0.3	0.5	1.6	22	<0.1	0.2	<0.1	68	0.32	0.141
1023767	Soil	0.9	7.5	5.8	105	<0.1	7.8	13.4	851	4.29	6.1	0.3	1.8	2.0	25	<0.1	0.2	<0.1	89	0.50	0.191
1023784	Soil	0.4	5.3	3.4	101	<0.1	6.6	12.2	733	3.80	2.1	0.3	0.8	1.6	49	<0.1	0.1	<0.1	82	0.66	0.231
1023780	Soil	0.9	13.2	11.1	59	<0.1	16.6	10.0	506	2.63	5.7	1.1	2.0	3.4	47	<0.1	0.3	0.1	59	0.63	0.072
1023781	Soil	0.8	15.0	8.6	61	<0.1	15.9	9.0	437	2.65	4.7	1.4	4.7	4.3	38	<0.1	0.2	0.1	58	0.54	0.062
1023782	Soil	0.8	12.3	6.5	71	<0.1	9.3	8.9	429	2.87	5.0	0.4	1.2	1.8	62	<0.1	0.2	<0.1	64	0.46	0.144
1023783	Soil	0.6	9.8	6.3	67	<0.1	8.9	8.0	371	2.79	4.5	0.5	1.5	1.9	67	<0.1	0.2	<0.1	67	0.44	0.093

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023761	Soil	11	22	0.67	351	0.139	<1	1.71	0.014	0.13	<0.1	0.02	2.2	<0.1	<0.05	6	0.6	<0.2
1023760	Soil	10	22	0.72	294	0.137	2	1.86	0.015	0.11	0.1	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1023759	Soil	7	14	0.83	195	0.181	2	1.91	0.014	0.36	0.1	<0.01	2.3	0.1	<0.05	9	<0.5	<0.2
1023758	Soil	13	14	0.85	362	0.156	2	1.96	0.010	0.51	<0.1	<0.01	2.1	0.1	<0.05	8	<0.5	<0.2
1023756	Soil	10	30	0.77	615	0.128	<1	2.34	0.016	0.06	0.1	0.01	2.9	<0.1	<0.05	8	0.5	<0.2
1023755	Soil	7	19	0.76	285	0.107	1	2.08	0.014	0.08	<0.1	0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1023752	Soil	18	19	1.43	680	0.166	1	2.57	0.013	0.13	<0.1	<0.01	3.5	<0.1	<0.05	9	<0.5	<0.2
1023753	Soil	12	26	0.88	511	0.127	<1	1.88	0.012	0.12	<0.1	0.01	4.5	<0.1	<0.05	6	<0.5	<0.2
1023754	Soil	13	30	0.83	532	0.097	<1	2.03	0.016	0.07	<0.1	0.03	5.0	<0.1	<0.05	7	<0.5	<0.2
1023757	Soil	6	24	1.25	363	0.171	<1	2.19	0.021	0.35	0.1	<0.01	2.8	0.1	<0.05	9	<0.5	<0.2
1023779	Soil	12	18	0.82	341	0.075	1	1.84	0.014	0.13	0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1023778	Soil	9	18	1.29	214	0.130	<1	2.35	0.008	0.28	0.2	<0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1023776	Soil	26	21	0.93	375	0.101	2	1.88	0.013	0.22	0.1	0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1023775	Soil	21	6	0.27	447	0.011	1	1.01	0.006	0.19	<0.1	<0.01	1.6	<0.1	<0.05	3	<0.5	<0.2
1023777	Soil	27	5	0.17	1273	0.002	2	1.15	0.007	0.13	<0.1	0.02	6.2	<0.1	<0.05	3	<0.5	<0.2
1023774	Soil	7	10	1.23	349	0.147	1	2.58	0.034	0.19	<0.1	<0.01	3.7	<0.1	<0.05	11	<0.5	<0.2
1023771	Soil	19	5	0.08	846	0.004	1	0.63	0.005	0.14	<0.1	0.02	5.6	<0.1	<0.05	2	<0.5	<0.2
1023772	Soil	15	15	1.11	439	0.045	1	2.21	0.015	0.08	0.1	0.01	6.2	<0.1	<0.05	10	<0.5	<0.2
1023773	Soil	17	11	0.70	289	0.031	2	1.74	0.008	0.11	<0.1	0.02	5.3	<0.1	<0.05	8	<0.5	<0.2
1023769	Soil	10	22	0.61	316	0.064	1	1.76	0.011	0.09	0.1	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1023768	Soil	6	14	1.30	263	0.184	1	2.94	0.013	0.64	<0.1	0.01	3.7	0.1	<0.05	10	<0.5	<0.2
1023763	Soil	7	27	0.75	192	0.098	1	2.51	0.011	0.14	0.1	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
1023770	Soil	5	13	0.94	240	0.077	<1	2.84	0.011	0.24	<0.1	<0.01	4.6	<0.1	<0.05	9	<0.5	<0.2
1023766	Soil	7	16	0.92	260	0.152	2	2.05	0.011	0.54	<0.1	<0.01	2.5	0.2	<0.05	8	0.5	<0.2
1023767	Soil	6	14	1.22	233	0.167	1	2.70	0.012	0.58	<0.1	0.01	3.4	0.2	<0.05	10	<0.5	<0.2
1023784	Soil	7	11	1.13	333	0.164	2	2.24	0.018	0.60	0.1	<0.01	2.9	<0.1	<0.05	8	<0.5	<0.2
1023780	Soil	15	28	0.72	340	0.051	2	1.79	0.018	0.06	0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1023781	Soil	21	29	0.66	391	0.049	<1	1.77	0.018	0.08	0.1	0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
1023782	Soil	6	17	0.76	208	0.111	<1	1.73	0.018	0.20	0.1	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
1023783	Soil	8	18	0.71	242	0.113	2	1.78	0.018	0.12	0.1	0.01	2.6	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
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CERTIFICATE OF ANALYSIS WHI11000459.1

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023785	Soil	0.7	7.2	7.5	78	<0.1	9.7	9.4	460	2.93	4.0	0.4	0.5	1.8	44	<0.1	0.1	<0.1	69	0.54	0.145
1023830	Soil	0.4	48.8	11.9	66	<0.1	57.6	18.1	767	3.85	2.4	0.5	<0.5	6.9	40	<0.1	0.2	0.1	77	0.43	0.108
1023831	Soil	0.8	10.0	8.0	130	<0.1	10.9	16.7	1320	4.90	4.5	0.3	2.1	2.5	40	<0.1	0.2	<0.1	99	0.57	0.169
1023829	Soil	0.3	7.3	9.6	86	<0.1	6.9	12.2	634	3.37	2.4	0.4	0.8	2.1	34	<0.1	0.1	<0.1	85	0.71	0.205
1023832	Soil	15.1	171.0	15.8	59	0.6	6.6	2.5	197	3.71	1.8	0.5	28.4	2.3	100	<0.1	0.1	0.3	68	0.19	0.047
1023833	Soil	0.8	50.3	9.7	59	<0.1	35.4	9.9	356	2.62	7.8	0.8	5.4	5.1	35	<0.1	0.4	0.1	62	0.39	0.062
1023834	Soil	0.7	23.2	10.0	131	<0.1	19.6	15.1	957	4.70	4.5	0.3	1.2	3.0	41	<0.1	0.2	<0.1	116	0.56	0.141
1023835	Soil	1.0	48.7	4.2	144	0.1	12.6	17.0	863	3.82	3.0	0.4	2.1	4.0	34	0.1	0.2	<0.1	78	0.60	0.175
1023836	Soil	0.7	13.6	8.8	61	<0.1	15.4	9.1	354	2.38	7.2	0.5	1.3	3.1	23	<0.1	0.3	<0.1	58	0.35	0.079
1023837	Soil	0.8	6.4	5.2	50	<0.1	5.1	7.5	412	2.47	2.2	0.5	1.3	5.9	23	<0.1	0.2	<0.1	46	0.33	0.107
1023838	Soil	0.5	8.5	4.2	60	<0.1	8.2	7.9	430	2.20	4.6	0.3	1.9	2.8	41	<0.1	0.1	<0.1	57	0.42	0.087
1023839	Soil	0.4	6.5	3.6	76	<0.1	6.3	9.7	632	3.47	1.7	0.3	0.8	4.7	27	<0.1	0.1	<0.1	81	0.44	0.113
1023840	Soil	0.2	3.0	2.9	56	<0.1	3.9	6.6	440	2.19	2.3	0.3	<0.5	2.7	72	<0.1	<0.1	<0.1	60	0.59	0.125
1023841	Soil	0.4	8.2	3.6	76	<0.1	5.8	9.3	519	2.98	3.0	0.3	0.6	2.2	30	<0.1	0.1	<0.1	79	0.56	0.124
1023842	Soil	0.7	99.1	9.6	141	<0.1	11.6	12.9	668	3.67	2.8	1.3	3.2	5.3	166	<0.1	0.2	<0.1	97	0.63	0.142
1023843	Soil	2.4	204.8	4.3	120	<0.1	29.0	7.6	641	3.80	0.9	0.7	3.3	2.6	84	<0.1	<0.1	<0.1	109	0.38	0.095
1023844	Soil	0.4	22.1	5.5	135	<0.1	12.2	9.3	810	3.83	1.6	0.4	2.3	1.3	45	<0.1	<0.1	<0.1	111	0.79	0.203
1023845	Soil	0.5	132.0	10.0	169	<0.1	15.0	15.8	1140	5.60	3.3	0.4	3.2	2.5	56	<0.1	0.2	<0.1	108	0.85	0.199
1023846	Soil	0.6	17.5	7.9	144	<0.1	5.6	14.6	1532	5.20	2.9	0.3	<0.5	3.5	47	<0.1	0.1	<0.1	81	0.80	0.307
1023847	Soil	0.4	14.6	5.3	138	<0.1	6.9	14.0	1012	4.52	2.4	0.3	0.8	2.0	33	<0.1	0.1	<0.1	111	0.74	0.221
1023848	Soil	0.3	6.5	5.8	104	<0.1	9.1	11.5	882	3.92	1.6	0.5	0.6	3.1	36	<0.1	<0.1	<0.1	97	0.65	0.167
1023849	Soil	0.5	5.4	4.4	103	<0.1	7.1	12.3	814	4.07	2.0	0.3	1.0	1.9	30	<0.1	0.1	<0.1	94	0.60	0.146
1023850	Soil	0.2	4.5	3.3	106	<0.1	5.3	12.9	640	2.40	3.9	0.3	1.0	2.1	46	<0.1	<0.1	<0.1	63	0.53	0.136
1023651	Soil	0.7	10.6	5.9	86	<0.1	13.0	12.8	1289	3.60	4.8	0.5	1.4	3.4	24	<0.1	0.3	<0.1	54	0.42	0.134
1023652	Soil	0.9	11.1	8.1	92	<0.1	13.8	13.7	1413	3.90	5.3	0.5	<0.5	3.5	24	<0.1	0.3	<0.1	58	0.43	0.148
1023653	Soil	0.6	6.5	5.2	56	<0.1	10.3	8.7	341	2.39	5.8	0.4	<0.5	3.3	36	<0.1	0.2	<0.1	59	0.36	0.059
1023654	Soil	0.9	15.8	16.9	75	<0.1	33.9	13.9	876	5.05	10.7	0.7	0.7	7.2	25	<0.1	1.0	<0.1	114	0.42	0.071
1023655	Soil	0.7	12.1	4.4	83	<0.1	12.4	11.0	543	2.65	4.4	0.6	1.6	4.4	37	<0.1	0.2	<0.1	70	0.46	0.084
1023856	Soil	0.4	4.8	4.0	112	<0.1	7.2	15.3	724	3.85	3.0	0.2	<0.5	1.2	45	<0.1	0.1	<0.1	97	0.80	0.241
1023857	Soil	0.4	4.7	2.7	90	<0.1	8.3	11.7	635	3.09	3.0	0.3	<0.5	3.0	30	<0.1	0.1	<0.1	77	0.45	0.108

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023785	Soil	8	16	0.81	281	0.144	1	1.80	0.020	0.29	0.2	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1023830	Soil	18	105	2.32	119	0.058	1	3.03	0.007	0.06	<0.1	<0.01	5.3	<0.1	<0.05	9	<0.5	<0.2
1023831	Soil	6	22	1.69	182	0.068	1	2.76	0.012	0.05	<0.1	<0.01	4.3	<0.1	<0.05	12	<0.5	<0.2
1023829	Soil	15	15	1.27	239	0.175	<1	2.22	0.031	0.42	<0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1023832	Soil	14	22	0.55	278	0.089	1	1.59	0.050	0.52	<0.1	0.01	4.1	0.2	0.50	6	2.1	<0.2
1023833	Soil	21	53	0.85	222	0.079	3	1.78	0.018	0.06	0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1023834	Soil	7	30	1.26	366	0.260	3	2.76	0.021	0.50	0.1	<0.01	2.8	0.2	<0.05	9	<0.5	<0.2
1023835	Soil	18	16	0.96	258	0.089	<1	2.14	0.022	0.15	<0.1	<0.01	3.6	<0.1	<0.05	8	<0.5	<0.2
1023836	Soil	10	25	0.70	169	0.058	3	1.64	0.019	0.05	<0.1	<0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1023837	Soil	15	11	0.52	149	0.017	2	1.70	0.015	0.09	0.2	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1023838	Soil	13	12	0.84	129	0.125	2	1.65	0.021	0.27	0.1	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1023839	Soil	15	11	0.89	156	0.101	1	1.83	0.022	0.25	<0.1	<0.01	3.6	<0.1	<0.05	8	<0.5	<0.2
1023840	Soil	7	6	0.65	153	0.157	<1	1.59	0.032	0.50	<0.1	<0.01	1.9	0.2	<0.05	6	<0.5	<0.2
1023841	Soil	7	10	0.96	171	0.208	<1	1.91	0.035	0.74	<0.1	<0.01	1.8	0.2	<0.05	7	<0.5	<0.2
1023842	Soil	23	16	1.05	473	0.177	<1	2.33	0.018	0.51	<0.1	0.01	3.7	0.2	<0.05	8	<0.5	<0.2
1023843	Soil	11	64	1.50	429	0.239	1	2.39	0.018	1.01	<0.1	0.01	3.3	0.4	0.06	9	0.5	<0.2
1023844	Soil	6	14	1.28	410	0.221	<1	2.41	0.022	0.95	<0.1	<0.01	2.2	0.3	<0.05	10	<0.5	<0.2
1023845	Soil	15	25	1.45	342	0.100	2	2.84	0.029	0.12	0.1	<0.01	3.3	<0.1	<0.05	12	<0.5	<0.2
1023846	Soil	9	11	1.34	236	0.052	<1	2.48	0.011	0.36	<0.1	<0.01	2.8	<0.1	<0.05	11	<0.5	<0.2
1023847	Soil	7	11	1.55	413	0.266	<1	2.52	0.022	1.04	<0.1	<0.01	2.5	0.3	<0.05	10	<0.5	<0.2
1023848	Soil	17	16	1.35	474	0.180	2	2.22	0.013	0.44	0.1	<0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
1023849	Soil	6	12	1.33	272	0.177	3	2.23	0.019	0.60	<0.1	<0.01	2.2	0.1	<0.05	8	<0.5	<0.2
1023850	Soil	8	8	1.28	175	0.158	1	1.69	0.011	0.25	0.2	<0.01	1.5	<0.1	<0.05	6	<0.5	<0.2
1023651	Soil	13	15	1.08	288	0.019	2	2.09	0.012	0.09	0.1	0.02	6.0	<0.1	<0.05	7	<0.5	<0.2
1023652	Soil	13	16	1.19	290	0.021	2	2.31	0.016	0.10	0.1	0.02	6.9	<0.1	<0.05	8	<0.5	<0.2
1023653	Soil	12	19	0.59	125	0.041	<1	1.70	0.018	0.07	0.1	<0.01	4.1	<0.1	<0.05	5	<0.5	<0.2
1023654	Soil	18	47	0.64	284	0.017	3	1.71	0.009	0.10	0.2	0.01	10.4	<0.1	<0.05	6	0.7	<0.2
1023655	Soil	15	18	1.02	152	0.145	<1	1.95	0.017	0.24	0.2	<0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1023856	Soil	3	12	1.58	328	0.233	<1	2.27	0.024	1.00	0.1	<0.01	2.2	0.1	<0.05	9	<0.5	<0.2
1023857	Soil	8	12	1.23	233	0.203	<1	1.86	0.012	0.57	<0.1	<0.01	1.4	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023658	Soil	0.5	13.7	4.8	131	<0.1	13.1	16.0	952	4.82	4.0	0.6	0.6	3.8	36	<0.1	0.3	<0.1	128	0.71	0.192
1023659	Soil	0.4	4.9	4.1	63	<0.1	7.9	10.4	495	2.37	3.2	0.5	1.9	3.9	37	<0.1	0.2	<0.1	60	0.37	0.067
1023660	Soil	0.6	12.6	8.2	58	<0.1	17.0	10.2	392	2.80	7.4	0.5	1.1	4.0	26	<0.1	0.5	0.1	65	0.37	0.061
1023661	Soil	0.5	10.2	4.3	57	<0.1	11.0	8.4	300	2.27	4.8	0.3	<0.5	3.1	27	<0.1	0.3	<0.1	55	0.38	0.074
1023662	Soil	0.7	24.3	8.0	50	<0.1	22.6	9.5	303	2.49	9.7	0.7	1.9	4.8	28	<0.1	0.5	0.1	60	0.37	0.063
1023663	Soil	0.6	10.8	5.2	73	<0.1	12.7	11.5	451	2.73	5.5	0.5	1.6	4.0	24	<0.1	0.3	<0.1	67	0.32	0.074
1012651	Soil	0.9	20.3	8.5	60	<0.1	24.0	13.1	373	3.03	8.8	0.6	2.5	3.6	17	<0.1	0.4	0.2	72	0.20	0.046
1012655	Soil	0.6	28.7	6.4	76	<0.1	19.9	16.9	315	3.24	6.7	0.4	2.0	3.6	30	0.1	0.2	0.1	78	0.39	0.082
1012656	Soil	1.3	20.2	10.0	73	<0.1	11.3	9.9	436	3.61	5.9	0.4	3.0	3.7	17	<0.1	0.3	0.1	94	0.21	0.042
1012657	Soil	0.7	32.6	7.5	57	<0.1	20.2	10.8	276	2.75	5.5	0.7	3.4	4.0	24	<0.1	0.3	0.1	66	0.31	0.051
1012658	Soil	0.7	28.9	8.8	63	<0.1	19.8	11.2	356	3.05	7.4	0.9	1.8	6.0	27	<0.1	0.3	0.1	67	0.29	0.044
1012659	Soil	0.7	21.0	7.8	58	<0.1	17.9	10.6	324	3.00	7.0	0.9	9.2	5.2	17	<0.1	0.3	0.1	63	0.18	0.034
1012660	Soil	0.9	28.8	11.3	60	<0.1	22.8	11.3	362	2.96	7.7	1.0	1.3	7.8	32	<0.1	0.5	0.2	67	0.33	0.030
1012661	Soil	1.2	21.9	13.4	92	<0.1	7.3	9.3	559	3.49	5.7	0.8	1.0	8.5	13	<0.1	0.3	<0.1	64	0.19	0.074
1012662	Soil	0.8	33.1	10.2	58	<0.1	26.8	12.4	396	2.88	7.4	1.2	2.2	7.9	27	<0.1	0.4	0.1	67	0.25	0.022
1012663	Soil	0.4	20.1	6.4	52	<0.1	21.4	11.2	368	2.56	4.4	1.5	5.6	9.6	25	<0.1	0.3	0.1	62	0.29	0.033
1012664	Soil	0.9	26.6	9.3	63	<0.1	36.2	15.4	327	3.27	7.0	1.2	2.1	10.6	21	<0.1	0.4	0.2	76	0.22	0.024
1012665	Soil	1.6	37.3	9.1	51	0.1	10.7	8.5	433	3.41	5.5	0.8	16.8	5.5	13	<0.1	0.6	0.2	100	0.12	0.040
1012666	Soil	1.3	17.2	9.9	56	0.1	22.0	11.5	365	2.98	9.5	0.6	2.9	5.5	15	<0.1	0.6	0.2	73	0.14	0.023
1012667	Soil	1.4	37.1	9.2	43	<0.1	17.1	10.1	336	2.91	6.9	1.2	2.4	7.2	19	<0.1	0.6	0.2	73	0.19	0.028
1012668	Soil	1.8	23.2	8.8	50	0.1	17.1	10.8	329	3.19	9.0	0.5	1.3	3.0	17	<0.1	0.5	0.2	79	0.19	0.030
1012669	Soil	0.8	45.7	7.6	48	<0.1	23.7	12.5	250	3.01	8.3	0.9	3.1	5.0	21	<0.1	0.5	0.1	70	0.20	0.021
1012670	Soil	1.2	20.0	10.6	63	<0.1	23.8	15.3	394	3.63	9.4	0.5	1.1	3.1	16	<0.1	0.5	0.2	90	0.17	0.029
1012671	Soil	1.4	17.5	11.3	60	0.2	21.2	12.5	300	3.55	10.6	0.4	2.1	2.4	16	0.1	0.6	0.2	87	0.18	0.040
1012672	Soil	1.1	14.3	11.9	38	<0.1	11.8	6.0	186	2.92	8.5	0.6	1.6	2.9	13	0.1	0.4	0.2	77	0.13	0.039
1012673	Soil	0.8	28.4	6.1	55	<0.1	24.4	18.6	617	3.84	6.0	0.7	1.0	7.1	14	<0.1	0.3	0.1	88	0.22	0.036
1012674	Soil	1.2	24.5	11.0	43	<0.1	19.4	9.5	261	2.84	8.1	0.7	5.3	1.3	20	<0.1	0.4	0.2	77	0.23	0.051
1012675	Soil	0.7	54.2	8.8	61	<0.1	29.9	20.6	528	3.30	10.3	0.7	6.1	3.4	23	0.1	0.3	0.2	74	0.30	0.053
1012676	Soil	1.0	27.6	9.0	47	<0.1	19.9	12.3	326	3.19	10.0	0.7	1.5	3.0	22	<0.1	0.4	0.2	79	0.24	0.035
1012677	Soil	0.9	29.8	9.4	48	<0.1	22.3	11.4	309	2.84	8.7	0.8	3.0	3.6	22	<0.1	0.4	0.2	68	0.23	0.044

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Project: PED
Report Date: July 15, 2011

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023658	Soil	23	14	1.53	453	0.158	2	2.49	0.020	0.68	<0.1	0.01	6.0	0.2	<0.05	11	<0.5	<0.2
1023659	Soil	10	14	0.86	134	0.089	1	1.44	0.011	0.19	0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1023660	Soil	10	30	0.67	205	0.072	1	1.64	0.013	0.15	0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1023661	Soil	7	17	0.68	130	0.093	2	1.41	0.014	0.22	0.1	<0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1023662	Soil	14	32	0.67	157	0.087	1	1.49	0.014	0.08	0.2	0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1023663	Soil	10	21	0.90	176	0.129	1	1.71	0.013	0.34	0.1	<0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
1012651	Soil	9	32	0.68	136	0.104	2	1.92	0.010	0.11	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1012655	Soil	7	29	0.94	221	0.164	2	2.38	0.025	0.20	<0.1	<0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1012656	Soil	7	24	0.80	140	0.201	<1	2.02	0.011	0.16	0.1	0.02	2.3	<0.1	<0.05	9	<0.5	<0.2
1012657	Soil	11	32	0.67	198	0.111	1	1.78	0.016	0.06	0.1	0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1012658	Soil	17	32	0.68	230	0.133	<1	2.14	0.012	0.14	0.1	0.03	3.9	0.1	<0.05	6	<0.5	<0.2
1012659	Soil	13	28	0.62	145	0.134	<1	1.86	0.011	0.15	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1012660	Soil	21	38	0.63	241	0.089	<1	2.03	0.013	0.07	0.1	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1012661	Soil	7	16	0.62	55	0.165	<1	1.46	0.009	0.14	0.1	<0.01	1.3	<0.1	<0.05	9	<0.5	<0.2
1012662	Soil	18	43	0.65	238	0.112	<1	2.04	0.014	0.07	0.2	0.04	5.1	<0.1	<0.05	5	<0.5	<0.2
1012663	Soil	24	39	0.78	157	0.152	<1	1.72	0.014	0.10	0.1	0.01	3.1	0.1	<0.05	5	<0.5	<0.2
1012664	Soil	16	50	0.84	210	0.131	1	2.70	0.013	0.07	0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1012665	Soil	7	24	0.69	137	0.189	<1	1.62	0.007	0.27	0.2	0.02	2.6	0.2	<0.05	10	<0.5	<0.2
1012666	Soil	9	36	0.57	199	0.095	1	2.02	0.009	0.08	<0.1	0.03	2.7	<0.1	<0.05	6	<0.5	<0.2
1012667	Soil	22	32	0.62	192	0.103	2	1.91	0.010	0.12	0.1	0.03	4.8	0.1	<0.05	6	<0.5	<0.2
1012668	Soil	8	34	0.73	161	0.134	1	1.90	0.010	0.11	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
1012669	Soil	9	37	0.74	170	0.122	2	2.36	0.011	0.11	<0.1	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1012670	Soil	8	41	0.87	198	0.124	1	2.61	0.012	0.12	<0.1	0.02	3.0	<0.1	<0.05	7	<0.5	<0.2
1012671	Soil	8	41	0.55	166	0.102	2	2.22	0.012	0.06	0.1	0.02	2.6	<0.1	<0.05	8	<0.5	<0.2
1012672	Soil	10	33	0.39	143	0.073	<1	1.71	0.008	0.04	0.1	0.02	2.3	0.1	<0.05	7	<0.5	<0.2
1012673	Soil	12	63	1.20	156	0.150	2	2.70	0.012	0.07	<0.1	0.01	5.1	<0.1	<0.05	9	<0.5	<0.2
1012674	Soil	10	36	0.56	171	0.076	2	1.86	0.011	0.05	<0.1	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1012675	Soil	10	52	0.95	182	0.095	1	2.25	0.014	0.06	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1012676	Soil	14	43	0.68	202	0.090	1	2.09	0.010	0.04	0.1	0.02	4.6	<0.1	<0.05	7	<0.5	<0.2
1012677	Soil	11	42	0.68	185	0.092	2	2.42	0.014	0.05	0.1	0.04	3.8	0.1	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012678	Soil	0.7	33.9	10.2	47	<0.1	23.0	11.4	297	2.67	8.1	0.9	3.6	4.6	23	<0.1	0.5	0.2	66	0.24	0.036
1012679	Soil	0.6	27.2	8.8	69	<0.1	19.7	16.8	529	3.53	5.5	0.6	0.6	3.8	24	<0.1	0.3	0.1	83	0.31	0.027
1012680	Soil	1.2	21.2	10.0	54	<0.1	21.0	11.7	311	3.16	9.0	0.5	2.9	3.6	17	<0.1	0.6	0.2	76	0.15	0.019
1012681	Soil	0.9	47.2	7.7	77	<0.1	21.5	19.4	669	4.18	6.8	0.5	1.5	3.4	17	<0.1	0.4	0.1	103	0.23	0.042
1012682	Soil	1.2	28.7	9.8	76	<0.1	22.2	14.5	430	3.54	8.4	0.5	1.9	3.0	19	<0.1	0.5	0.1	91	0.21	0.029
1012683	Soil	1.4	28.8	7.6	58	<0.1	25.2	14.1	429	3.55	8.4	0.4	1.4	3.4	15	0.1	0.4	0.1	78	0.17	0.037
1012684	Soil	1.0	23.5	15.3	71	<0.1	23.7	13.4	374	3.96	7.4	0.7	2.0	5.6	22	0.2	0.4	0.2	84	0.23	0.026
1023601	Soil	1.1	10.7	7.7	80	<0.1	14.0	10.8	478	3.73	7.6	0.3	1.3	1.8	26	<0.1	0.4	<0.1	84	0.31	0.064
1023602	Soil	0.6	20.5	8.8	53	<0.1	21.2	9.5	337	2.59	8.6	0.9	2.9	4.6	33	<0.1	0.5	0.1	62	0.32	0.040
1023603	Soil	0.9	7.6	7.2	89	<0.1	10.8	11.9	711	3.41	5.5	0.2	1.2	1.6	27	<0.1	0.3	<0.1	78	0.49	0.168
1023604	Soil	0.7	11.2	8.7	75	<0.1	13.7	10.4	480	3.15	5.7	0.3	2.0	2.7	29	<0.1	0.4	<0.1	64	0.33	0.061
1023605	Soil	0.5	4.9	4.5	93	<0.1	7.1	12.2	711	3.38	4.5	0.2	0.6	1.1	30	<0.1	0.2	<0.1	78	0.70	0.254
1023606	Soil	0.5	9.2	7.5	84	<0.1	7.6	9.1	575	2.93	3.2	0.5	1.7	2.5	30	<0.1	0.3	<0.1	54	0.66	0.197
1023607	Soil	0.5	4.5	4.2	106	<0.1	6.3	12.2	784	3.65	2.6	0.2	<0.5	0.6	35	<0.1	<0.1	<0.1	83	0.92	0.286
1023608	Soil	0.8	19.2	11.2	86	<0.1	26.3	13.9	642	4.14	6.4	0.5	1.3	3.0	38	<0.1	0.4	<0.1	84	0.52	0.135
1023609	Soil	1.4	10.9	15.0	58	<0.1	19.5	9.3	323	3.26	8.6	0.4	1.9	3.1	19	<0.1	0.5	0.2	73	0.16	0.038
1023610	Soil	0.6	7.8	7.4	82	<0.1	9.9	9.3	499	2.86	3.0	0.3	0.7	1.5	35	<0.1	0.2	<0.1	61	0.60	0.169
1023611	Soil	0.7	13.7	8.8	58	<0.1	19.4	9.7	335	2.59	6.5	0.6	1.4	3.2	29	<0.1	0.4	0.1	57	0.36	0.070
1023612	Soil	0.7	11.1	6.5	70	<0.1	12.4	8.7	454	2.76	4.1	0.4	4.6	2.9	27	<0.1	0.3	<0.1	55	0.42	0.111
1023613	Soil	0.7	13.2	10.6	72	<0.1	15.0	9.8	390	3.19	6.5	0.4	1.2	2.6	31	<0.1	0.3	<0.1	71	0.33	0.073
1023614	Soil	0.4	6.9	6.2	114	<0.1	8.7	11.7	886	3.85	2.8	0.2	1.8	2.1	38	<0.1	0.2	<0.1	67	0.69	0.180
1023615	Soil	0.2	4.9	5.3	168	<0.1	8.4	19.5	1620	7.08	1.4	0.4	3.4	2.1	84	<0.1	0.2	<0.1	126	3.93	0.296
1023616	Soil	0.7	7.6	7.5	106	<0.1	10.4	12.3	913	3.58	5.0	0.4	<0.5	1.9	46	<0.1	0.3	<0.1	77	0.90	0.279
1023617	Soil	0.3	3.7	3.8	116	<0.1	4.4	11.0	1031	3.81	1.4	0.2	<0.5	1.3	36	<0.1	<0.1	<0.1	72	1.18	0.320
1023618	Soil	0.7	8.4	8.5	101	<0.1	10.4	10.7	794	3.16	5.4	0.2	<0.5	1.6	39	<0.1	0.3	<0.1	63	0.66	0.209
1023619	Soil	0.6	10.9	6.3	103	<0.1	7.4	10.8	694	3.86	3.7	0.4	2.0	2.3	37	<0.1	0.2	<0.1	80	0.74	0.203
1023620	Soil	0.4	17.7	6.8	98	<0.1	9.7	10.2	705	3.90	4.2	0.8	3.6	3.9	53	<0.1	0.5	<0.1	74	0.75	0.156
1023621	Soil	0.6	9.6	10.5	88	<0.1	10.1	9.0	588	3.37	5.7	0.3	0.5	2.0	33	<0.1	0.3	<0.1	73	0.52	0.143
1023622	Soil	1.0	17.4	7.2	71	<0.1	12.9	8.7	451	3.20	6.6	0.5	1.5	4.0	43	<0.1	0.4	0.2	50	0.47	0.098
1023623	Soil	0.8	34.5	11.9	74	<0.1	28.9	11.0	589	3.13	10.0	0.7	3.7	4.2	48	<0.1	0.7	0.1	62	0.62	0.097

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012678	Soil	12	36	0.63	225	0.087	<1	2.16	0.012	0.06	<0.1	0.02	3.7	0.1	<0.05	5	0.9	<0.2
1012679	Soil	9	47	1.29	197	0.226	2	2.59	0.015	0.30	0.1	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1012680	Soil	9	36	0.63	201	0.102	1	2.21	0.010	0.06	<0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1012681	Soil	6	37	1.49	163	0.220	1	2.79	0.011	0.47	<0.1	0.01	3.8	0.2	<0.05	7	<0.5	<0.2
1012682	Soil	7	36	0.97	142	0.171	3	2.44	0.010	0.17	0.1	<0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1012683	Soil	7	38	0.91	142	0.146	1	2.11	0.009	0.13	0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1012684	Soil	14	41	0.83	178	0.150	2	2.75	0.010	0.08	<0.1	0.03	3.3	0.1	<0.05	8	<0.5	<0.2
1023601	Soil	6	23	0.91	292	0.120	<1	2.49	0.011	0.06	<0.1	0.01	2.6	<0.1	<0.05	8	<0.5	<0.2
1023602	Soil	13	36	0.61	337	0.073	<1	1.69	0.014	0.06	0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1023603	Soil	5	19	1.10	345	0.190	1	2.16	0.017	0.44	0.1	0.01	2.3	0.1	<0.05	8	<0.5	<0.2
1023604	Soil	9	22	0.87	328	0.098	<1	2.06	0.014	0.08	<0.1	0.02	2.6	<0.1	<0.05	6	0.6	<0.2
1023605	Soil	4	12	1.23	275	0.183	<1	2.21	0.017	0.66	<0.1	0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1023606	Soil	9	12	0.96	323	0.062	<1	1.69	0.017	0.14	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1023607	Soil	4	11	1.41	334	0.203	1	2.20	0.025	0.96	<0.1	<0.01	3.0	0.1	<0.05	8	<0.5	<0.2
1023608	Soil	11	66	1.23	462	0.029	<1	2.60	0.012	0.10	<0.1	0.02	6.4	<0.1	<0.05	9	<0.5	<0.2
1023609	Soil	9	35	0.59	441	0.061	<1	2.31	0.011	0.08	<0.1	0.02	2.7	<0.1	<0.05	7	<0.5	<0.2
1023610	Soil	6	15	0.97	498	0.141	<1	1.70	0.013	0.34	<0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1023611	Soil	11	27	0.67	707	0.085	<1	1.67	0.012	0.08	0.1	0.02	2.8	<0.1	<0.05	5	0.8	<0.2
1023612	Soil	10	18	0.77	320	0.082	<1	1.56	0.012	0.11	<0.1	0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
1023613	Soil	9	24	0.80	265	0.100	<1	2.16	0.012	0.11	<0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1023614	Soil	7	12	1.30	373	0.099	<1	2.10	0.017	0.13	<0.1	<0.01	3.1	<0.1	<0.05	8	0.5	<0.2
1023615	Soil	15	14	2.39	612	0.036	1	3.57	0.007	0.05	<0.1	0.02	10.4	<0.1	<0.05	15	<0.5	<0.2
1023616	Soil	5	17	1.20	522	0.146	<1	2.22	0.021	0.37	<0.1	0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
1023617	Soil	6	6	1.50	213	0.080	<1	2.01	0.056	0.10	<0.1	0.01	6.4	<0.1	<0.05	9	<0.5	<0.2
1023618	Soil	4	17	1.01	295	0.125	1	2.13	0.020	0.30	<0.1	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1023619	Soil	22	13	1.03	421	0.138	<1	2.01	0.019	0.39	<0.1	0.02	4.7	<0.1	<0.05	8	<0.5	<0.2
1023620	Soil	18	14	1.10	581	0.084	<1	2.49	0.022	0.07	<0.1	0.04	6.5	<0.1	<0.05	9	<0.5	<0.2
1023621	Soil	5	18	1.03	341	0.198	<1	2.22	0.012	0.55	<0.1	0.01	2.1	0.1	<0.05	7	<0.5	<0.2
1023622	Soil	15	19	0.57	857	0.044	<1	1.57	0.012	0.09	0.1	0.02	3.3	<0.1	<0.05	5	0.6	<0.2
1023623	Soil	17	29	0.82	421	0.073	1	1.72	0.021	0.09	0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023624	Soil	1.5	12.4	15.2	79	0.1	16.4	11.2	977	2.99	5.8	0.4	<0.5	2.2	43	0.1	0.3	0.2	63	0.48	0.089
1023625	Soil	0.3	10.1	3.7	112	<0.1	6.2	13.8	1189	4.42	2.3	0.5	1.7	1.7	46	<0.1	0.2	<0.1	110	1.13	0.299
1023626	Soil	0.6	5.7	6.9	95	<0.1	8.3	10.0	731	3.48	4.6	0.3	0.5	1.8	34	<0.1	0.3	<0.1	70	0.53	0.144
1023627	Soil	0.4	6.3	4.2	127	<0.1	5.5	13.4	856	3.60	2.2	0.4	<0.5	1.7	50	<0.1	0.1	<0.1	64	0.90	0.245
1023628	Soil	0.3	6.7	3.2	119	<0.1	6.9	12.8	783	3.45	2.6	0.4	0.9	1.8	46	<0.1	0.2	<0.1	63	0.84	0.244
1023629	Soil	0.3	7.0	3.7	107	<0.1	7.1	10.8	909	3.52	2.6	0.4	<0.5	1.2	31	<0.1	<0.1	<0.1	78	0.71	0.223
1023630	Soil	0.4	11.0	4.7	92	<0.1	6.4	13.7	752	4.53	3.4	0.3	<0.5	1.7	38	<0.1	0.2	<0.1	130	0.96	0.283
1023631	Soil	0.2	19.4	3.4	68	<0.1	5.6	12.4	556	3.42	2.6	0.2	<0.5	1.1	38	<0.1	<0.1	<0.1	107	0.91	0.256
1023632	Soil	0.2	4.4	2.4	110	<0.1	7.5	10.4	831	3.48	1.5	0.1	<0.5	1.5	36	<0.1	<0.1	<0.1	80	0.70	0.230
1023633	Soil	0.5	17.9	6.3	104	<0.1	6.9	8.2	853	3.53	3.3	0.3	<0.5	5.1	45	<0.1	0.1	<0.1	63	0.61	0.188
1023634	Soil	0.4	6.6	2.6	94	<0.1	7.5	10.0	670	3.54	2.8	0.3	0.6	1.4	37	<0.1	0.1	<0.1	72	0.82	0.277
1023635	Soil	0.4	6.2	2.8	86	<0.1	6.1	8.7	586	3.11	2.6	0.3	0.5	1.3	34	<0.1	0.1	<0.1	63	0.81	0.264

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Project: PED
Report Date: July 15, 2011

CERTIFICATE OF ANALYSIS WHI11000459.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023624	Soil	8	29	0.65	618	0.058	<1	1.83	0.012	0.11	0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1023625	Soil	8	9	1.35	621	0.122	<1	2.19	0.039	0.28	<0.1	0.01	6.9	<0.1	<0.05	9	<0.5	<0.2
1023626	Soil	7	15	1.04	342	0.133	<1	2.03	0.018	0.39	<0.1	0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1023627	Soil	10	12	1.13	296	0.101	<1	2.02	0.024	0.25	<0.1	0.01	3.4	<0.1	<0.05	8	0.6	<0.2
1023628	Soil	10	13	1.07	259	0.111	<1	1.93	0.024	0.27	<0.1	<0.01	3.2	<0.1	<0.05	8	<0.5	<0.2
1023629	Soil	5	11	1.15	354	0.199	<1	1.99	0.023	0.84	<0.1	<0.01	3.4	0.2	<0.05	7	<0.5	<0.2
1023630	Soil	5	10	1.32	516	0.171	<1	2.35	0.032	1.03	<0.1	0.01	5.4	0.2	<0.05	9	<0.5	<0.2
1023631	Soil	4	6	1.25	501	0.221	<1	2.13	0.035	0.90	<0.1	0.01	3.1	0.2	<0.05	7	<0.5	<0.2
1023632	Soil	5	10	1.28	481	0.226	<1	2.08	0.019	1.20	<0.1	<0.01	2.1	0.2	<0.05	7	<0.5	<0.2
1023633	Soil	11	9	0.97	224	0.127	<1	1.78	0.009	0.28	<0.1	<0.01	2.6	<0.1	<0.05	9	0.7	<0.2
1023634	Soil	5	14	1.06	423	0.181	<1	1.64	0.020	0.85	<0.1	<0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1023635	Soil	5	12	0.99	409	0.163	<1	1.57	0.020	0.78	<0.1	<0.01	2.2	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000459.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1010471	Soil	0.8	20.3	8.2	54	<0.1	21.6	12.7	302	3.35	8.8	0.8	2.4	6.9	16	<0.1	0.5	0.2	62	0.18	0.031
REP 1010471	QC	0.8	20.5	8.1	55	<0.1	20.7	12.3	300	3.35	8.7	0.8	3.1	7.0	16	<0.1	0.4	0.1	63	0.18	0.031
1010473	Soil	9.1	21.2	5.9	79	<0.1	9.2	17.2	654	5.39	6.1	0.9	0.6	3.1	13	<0.1	0.2	0.1	121	0.24	0.056
REP 1010473	QC	8.8	21.3	5.8	75	<0.1	9.2	17.7	660	5.49	6.5	1.0	0.6	3.1	14	<0.1	0.3	0.1	122	0.25	0.058
1013965	Soil	1.1	37.1	7.0	73	<0.1	30.5	17.6	536	3.71	7.8	0.8	4.0	5.1	25	<0.1	0.5	0.1	100	0.29	0.056
REP 1013965	QC	1.1	38.4	7.3	73	<0.1	33.1	17.9	535	3.78	8.4	0.9	2.3	5.4	26	0.1	0.5	0.2	102	0.31	0.057
1013930	Soil	0.9	27.6	8.0	61	<0.1	24.4	13.0	456	3.63	7.4	1.0	3.7	4.6	44	<0.1	0.5	0.1	92	0.60	0.068
REP 1013930	QC	0.8	27.7	7.8	59	<0.1	24.3	13.1	473	3.65	7.4	1.0	2.6	4.8	44	0.2	0.5	0.2	97	0.59	0.067
1013367	Soil	0.7	20.3	6.7	56	<0.1	17.7	10.1	350	2.64	6.2	0.3	2.3	2.3	18	<0.1	0.3	0.1	66	0.25	0.029
REP 1013367	QC	0.6	20.1	7.3	56	<0.1	18.2	10.7	358	2.78	6.2	0.4	5.9	2.5	19	<0.1	0.3	0.1	67	0.26	0.028
1010608	Soil	0.6	28.6	5.7	82	<0.1	24.8	14.1	400	3.42	5.1	0.6	2.5	4.1	40	<0.1	0.3	<0.1	70	0.46	0.046
REP 1010608	QC	0.8	29.2	6.0	89	<0.1	25.1	14.3	422	3.49	5.3	0.6	3.8	4.4	42	<0.1	0.3	0.1	73	0.47	0.047
1010624	Soil	0.7	30.9	7.2	34	<0.1	24.2	10.3	221	2.33	7.6	0.5	0.9	2.7	20	<0.1	0.3	0.1	58	0.26	0.014
REP 1010624	QC	0.9	31.1	7.1	34	<0.1	25.2	10.0	217	2.37	7.4	0.5	1.8	2.9	21	<0.1	0.4	0.1	59	0.27	0.015
1013972	Soil	0.5	81.0	5.6	134	<0.1	18.9	26.3	395	5.59	3.3	0.6	4.9	2.4	140	0.1	0.2	0.1	175	0.53	0.063
REP 1013972	QC	0.6	81.5	5.7	126	<0.1	19.0	25.8	397	5.57	3.0	0.6	<0.5	2.4	142	<0.1	0.2	<0.1	176	0.50	0.062
1013353	Soil	1.2	51.1	7.1	51	0.1	14.4	10.6	258	3.01	6.1	0.4	1.6	1.3	19	<0.1	0.3	0.2	82	0.19	0.053
REP 1013353	QC	1.3	50.5	7.2	47	0.1	14.8	10.2	245	2.99	6.1	0.4	2.6	1.4	19	<0.1	0.4	0.2	78	0.18	0.053
1023754	Soil	0.9	18.7	7.2	74	<0.1	18.4	10.7	537	3.08	7.2	0.9	2.9	3.5	33	<0.1	0.4	0.1	69	0.43	0.071
REP 1023754	QC	0.8	18.0	7.3	72	<0.1	18.4	11.1	528	3.04	7.0	0.9	3.6	3.6	34	<0.1	0.4	0.1	67	0.46	0.073
1023831	Soil	0.8	10.0	8.0	130	<0.1	10.9	16.7	1320	4.90	4.5	0.3	2.1	2.5	40	<0.1	0.2	<0.1	99	0.57	0.169
REP 1023831	QC	0.7	9.5	7.7	134	<0.1	11.5	16.0	1262	4.80	4.7	0.3	1.0	2.4	36	<0.1	0.2	<0.1	95	0.52	0.168
1023844	Soil	0.4	22.1	5.5	135	<0.1	12.2	9.3	810	3.83	1.6	0.4	2.3	1.3	45	<0.1	<0.1	<0.1	111	0.79	0.203
REP 1023844	QC	0.4	22.4	5.3	130	<0.1	11.9	9.0	753	3.60	1.7	0.4	1.9	1.4	46	<0.1	<0.1	<0.1	103	0.84	0.223
1012664	Soil	0.9	26.6	9.3	63	<0.1	36.2	15.4	327	3.27	7.0	1.2	2.1	10.6	21	<0.1	0.4	0.2	76	0.22	0.024
REP 1012664	QC	0.7	28.0	9.5	64	<0.1	37.6	16.0	336	3.35	7.8	1.2	1.0	10.8	21	<0.1	0.5	0.2	79	0.23	0.024
1012665	Soil	1.6	37.3	9.1	51	0.1	10.7	8.5	433	3.41	5.5	0.8	16.8	5.5	13	<0.1	0.6	0.2	100	0.12	0.040
REP 1012665	QC	1.6	37.7	9.5	52	0.1	10.5	8.7	430	3.49	5.8	0.8	2.3	5.6	14	0.1	0.6	0.3	102	0.12	0.041

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000459.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1010471	Soil	12	33	0.68	261	0.097	2	2.43	0.014	0.14	0.1	0.02	3.0	0.1	<0.05	6	0.7	<0.2
REP 1010471	QC	11	34	0.68	253	0.097	1	2.43	0.012	0.14	0.1	0.02	3.0	0.1	<0.05	6	0.7	<0.2
1010473	Soil	6	18	1.06	193	0.200	<1	2.68	0.020	0.61	0.1	0.02	4.5	0.4	<0.05	9	<0.5	<0.2
REP 1010473	QC	7	19	1.08	210	0.209	<1	2.66	0.020	0.63	0.2	0.03	4.7	0.4	<0.05	9	<0.5	<0.2
1013965	Soil	11	45	1.46	241	0.208	3	2.79	0.017	0.45	0.2	0.02	5.1	0.2	<0.05	8	<0.5	<0.2
REP 1013965	QC	12	45	1.49	246	0.206	3	2.78	0.015	0.48	0.1	0.01	5.3	0.2	<0.05	8	<0.5	<0.2
1013930	Soil	14	36	1.14	618	0.163	2	2.19	0.023	0.21	0.3	0.03	7.2	<0.1	<0.05	7	<0.5	<0.2
REP 1013930	QC	14	38	1.16	623	0.166	1	2.23	0.025	0.22	0.2	0.02	7.2	<0.1	<0.05	7	<0.5	<0.2
1013367	Soil	7	27	0.84	247	0.138	<1	1.68	0.014	0.21	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
REP 1013367	QC	7	27	0.85	239	0.139	<1	1.68	0.020	0.21	0.2	<0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1010608	Soil	12	52	1.12	387	0.219	1	2.29	0.015	0.24	0.1	<0.01	4.2	0.1	<0.05	6	<0.5	<0.2
REP 1010608	QC	12	54	1.14	417	0.226	<1	2.32	0.015	0.25	0.1	<0.01	4.5	0.1	<0.05	7	<0.5	<0.2
1010624	Soil	6	42	0.59	129	0.086	2	1.76	0.014	0.05	<0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
REP 1010624	QC	7	43	0.59	127	0.092	2	1.83	0.017	0.05	<0.1	0.02	3.0	<0.1	<0.05	5	<0.5	<0.2
1013972	Soil	11	28	1.91	339	0.207	<1	3.54	0.029	0.22	<0.1	<0.01	7.4	0.1	<0.05	11	<0.5	<0.2
REP 1013972	QC	11	29	1.97	337	0.207	<1	3.46	0.032	0.21	0.1	<0.01	7.4	0.1	<0.05	11	0.6	<0.2
1013353	Soil	6	24	0.65	140	0.112	2	1.54	0.015	0.08	<0.1	0.01	2.5	<0.1	<0.05	7	0.8	<0.2
REP 1013353	QC	6	24	0.64	133	0.111	2	1.56	0.015	0.08	0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1023754	Soil	13	30	0.83	532	0.097	<1	2.03	0.016	0.07	<0.1	0.03	5.0	<0.1	<0.05	7	<0.5	<0.2
REP 1023754	QC	13	30	0.83	531	0.102	<1	2.06	0.016	0.08	<0.1	0.03	5.1	<0.1	<0.05	7	<0.5	<0.2
1023831	Soil	6	22	1.69	182	0.068	1	2.76	0.012	0.05	<0.1	<0.01	4.3	<0.1	<0.05	12	<0.5	<0.2
REP 1023831	QC	6	21	1.66	170	0.061	3	2.72	0.012	0.05	<0.1	<0.01	4.1	<0.1	<0.05	11	<0.5	<0.2
1023844	Soil	6	14	1.28	410	0.221	<1	2.41	0.022	0.95	<0.1	<0.01	2.2	0.3	<0.05	10	<0.5	<0.2
REP 1023844	QC	6	14	1.23	381	0.208	2	2.27	0.022	0.91	<0.1	<0.01	2.0	0.3	<0.05	9	<0.5	<0.2
1012664	Soil	16	50	0.84	210	0.131	1	2.70	0.013	0.07	0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
REP 1012664	QC	17	51	0.86	214	0.130	1	2.79	0.013	0.08	0.1	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1012665	Soil	7	24	0.69	137	0.189	<1	1.62	0.007	0.27	0.2	0.02	2.6	0.2	<0.05	10	<0.5	<0.2
REP 1012665	QC	7	25	0.71	141	0.199	1	1.65	0.009	0.28	0.2	0.02	2.8	0.2	<0.05	10	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000459.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1023614	Soil	0.4	6.9	6.2	114	<0.1	8.7	11.7	886	3.85	2.8	0.2	1.8	2.1	38	<0.1	0.2	<0.1	67	0.69	0.180
REP 1023614	QC	0.5	7.2	6.5	116	<0.1	8.1	11.7	898	3.91	2.8	0.2	1.2	2.3	39	<0.1	0.1	<0.1	66	0.70	0.184
1023623	Soil	0.8	34.5	11.9	74	<0.1	28.9	11.0	589	3.13	10.0	0.7	3.7	4.2	48	<0.1	0.7	0.1	62	0.62	0.097
REP 1023623	QC	0.7	33.8	11.2	70	<0.1	27.6	10.9	583	3.04	9.6	0.7	4.6	4.1	46	<0.1	0.6	<0.1	61	0.60	0.093
Reference Materials																					
STD DS8	Standard	13.7	112.3	127.0	311	1.9	40.9	7.4	646	2.46	27.6	2.9	127.8	7.1	69	2.2	5.7	7.3	43	0.70	0.079
STD DS8	Standard	14.0	108.5	124.4	315	1.9	38.4	7.5	622	2.41	27.0	2.7	115.4	6.9	71	2.5	6.0	7.3	42	0.69	0.076
STD DS8	Standard	12.5	102.0	136.2	296	1.7	37.5	7.3	596	2.40	25.1	2.8	100.9	7.0	68	1.9	5.6	6.4	39	0.66	0.077
STD DS8	Standard	13.9	101.1	131.3	301	1.7	35.5	7.2	602	2.38	25.2	2.9	106.0	7.3	69	2.0	5.4	6.3	41	0.68	0.076
STD DS8	Standard	13.2	115.3	133.7	329	1.8	40.2	7.8	650	2.56	28.1	3.2	119.1	7.4	78	2.5	6.3	7.8	44	0.73	0.087
STD DS8	Standard	14.1	116.7	138.2	328	1.8	38.5	7.6	655	2.53	27.9	3.3	117.3	7.6	79	2.4	6.5	7.8	43	0.72	0.083
STD DS8	Standard	14.0	112.4	133.6	320	1.7	39.1	7.6	592	2.46	25.8	3.0	129.5	7.7	72	2.3	5.9	7.1	42	0.68	0.074
STD DS8	Standard	14.3	115.9	136.7	318	1.8	40.4	7.7	624	2.50	25.6	3.0	117.7	7.7	71	2.1	6.1	7.2	44	0.70	0.080
STD DS8	Standard	13.8	111.1	136.3	314	1.9	37.5	7.6	596	2.42	26.2	3.0	112.5	7.6	74	2.2	6.2	7.4	44	0.69	0.081
STD DS8	Standard	13.9	114.8	129.9	322	1.8	38.3	7.7	635	2.49	27.5	2.9	118.9	7.5	73	2.4	6.4	7.2	44	0.69	0.085
STD DS8	Standard	12.4	99.6	114.5	286	1.6	35.2	6.8	567	2.22	22.8	2.5	97.1	6.2	61	1.9	4.6	5.9	39	0.62	0.075
STD DS8	Standard	12.4	101.7	116.7	291	1.6	34.6	6.9	576	2.25	23.5	2.6	99.3	6.4	64	2.2	4.7	5.9	41	0.66	0.075
STD DS8	Standard	13.2	107.8	124.3	302	1.8	38.0	7.4	592	2.35	25.3	2.9	115.5	7.4	70	2.3	5.5	6.8	43	0.66	0.072
STD DS8	Standard	13.8	111.0	129.4	311	1.9	38.6	7.7	588	2.37	25.0	2.9	103.5	7.2	72	2.2	5.9	7.1	44	0.65	0.073
STD DS8	Standard	12.4	102.6	124.7	308	1.7	37.8	7.5	666	2.63	27.0	2.9	123.7	7.0	70	2.3	5.6	7.4	42	0.71	0.083
STD DS8	Standard	13.8	107.1	124.2	322	1.7	38.8	7.3	638	2.46	25.2	3.0	116.7	7.3	74	2.2	5.5	7.1	43	0.73	0.081
STD DS8	Standard	12.4	105.3	120.3	304	1.7	35.7	7.2	577	2.36	24.3	2.6	92.0	6.4	60	2.4	5.1	5.7	40	0.65	0.079
STD DS8	Standard	12.6	110.6	123.7	303	1.6	38.4	7.8	598	2.39	25.3	2.7	98.8	7.0	62	2.1	4.9	6.0	43	0.68	0.075
STD DS8	Standard	12.8	113.6	131.5	310	1.7	39.4	7.8	615	2.44	26.0	2.9	104.6	7.1	68	2.1	6.1	7.1	43	0.68	0.080
STD DS8	Standard	13.2	111.9	128.3	314	1.8	39.9	7.6	603	2.46	25.9	2.9	110.7	6.9	68	2.1	6.3	7.0	43	0.68	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000459.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1023614	Soil	7	12	1.30	373	0.099	<1	2.10	0.017	0.13	<0.1	<0.01	3.1	<0.1	<0.05	8	0.5	<0.2
REP 1023614	QC	8	13	1.33	387	0.105	<1	2.20	0.020	0.14	<0.1	0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
1023623	Soil	17	29	0.82	421	0.073	1	1.72	0.021	0.09	0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
REP 1023623	QC	17	28	0.80	388	0.077	<1	1.68	0.019	0.10	0.1	0.04	5.4	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	123	0.63	279	0.121	2	0.96	0.090	0.43	3.0	0.17	2.1	5.4	0.16	5	5.4	5.4
STD DS8	Standard	15	117	0.63	288	0.120	4	0.97	0.084	0.43	2.9	0.18	2.3	5.3	0.15	5	6.6	4.8
STD DS8	Standard	14	113	0.59	272	0.102	3	0.88	0.092	0.41	3.2	0.18	2.0	5.3	0.08	5	5.7	5.3
STD DS8	Standard	15	112	0.58	279	0.112	3	0.90	0.096	0.40	3.1	0.21	2.2	5.5	0.14	5	5.5	4.8
STD DS8	Standard	15	119	0.64	292	0.125	4	0.98	0.111	0.45	2.9	0.24	2.2	5.5	0.18	5	6.4	5.7
STD DS8	Standard	16	121	0.64	295	0.128	2	0.98	0.110	0.44	3.1	0.19	2.1	5.6	0.17	5	5.9	6.0
STD DS8	Standard	15	123	0.60	284	0.121	3	0.90	0.093	0.41	2.9	0.21	2.1	5.1	0.16	4	5.1	4.7
STD DS8	Standard	15	123	0.61	288	0.122	1	0.92	0.095	0.43	2.8	0.19	2.1	5.2	0.15	4	6.6	4.7
STD DS8	Standard	14	117	0.61	281	0.122	3	0.93	0.097	0.43	3.1	0.20	2.2	5.5	0.16	5	5.0	5.4
STD DS8	Standard	15	122	0.61	291	0.125	3	0.93	0.087	0.46	3.0	0.19	2.4	5.4	0.16	5	5.1	5.4
STD DS8	Standard	13	112	0.56	250	0.110	2	0.87	0.098	0.40	2.8	0.17	2.2	5.0	0.14	4	4.5	4.3
STD DS8	Standard	14	116	0.57	265	0.116	3	0.89	0.098	0.41	3.0	0.16	2.2	5.1	0.14	4	5.1	4.7
STD DS8	Standard	14	120	0.59	273	0.120	3	0.87	0.095	0.41	2.8	0.19	2.3	4.8	0.14	4	4.6	4.6
STD DS8	Standard	15	121	0.59	276	0.122	3	0.88	0.095	0.41	2.8	0.19	2.1	5.0	0.15	4	4.4	4.6
STD DS8	Standard	15	115	0.61	278	0.113	3	0.92	0.098	0.42	3.1	0.22	1.9	5.7	0.14	5	5.7	5.9
STD DS8	Standard	15	119	0.65	276	0.124	3	1.00	0.097	0.43	3.1	0.17	2.0	5.6	0.17	5	5.3	4.7
STD DS8	Standard	14	111	0.60	246	0.112	2	0.86	0.078	0.40	3.1	0.21	2.0	5.2	0.12	5	5.0	4.9
STD DS8	Standard	14	117	0.60	256	0.122	3	0.88	0.080	0.39	2.7	0.17	2.1	5.2	0.16	4	5.4	4.3
STD DS8	Standard	14	120	0.60	272	0.119	3	0.88	0.082	0.41	3.0	0.21	1.9	5.2	0.15	4	5.7	5.1
STD DS8	Standard	14	121	0.62	281	0.124	2	0.90	0.085	0.41	3.1	0.20	1.9	5.1	0.16	5	4.1	5.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000459.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 15, 2011

QUALITY CONTROL REPORT WHI11000459.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 20, 2011
Report Date: July 16, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS WHI11000476.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 235

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	235	Dry at 60C			VAN
SS80	235	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	235	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000476.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011725	Soil		0.7	37.3	7.4	56	<0.1	25.7	10.5	356	3.02	9.6	1.1	6.3	4.7	26	<0.1	0.6	0.1	59	0.23	0.021
1011739	Soil		0.6	33.3	7.0	56	<0.1	23.0	12.2	346	2.89	7.5	0.6	3.5	4.2	27	<0.1	0.5	0.1	69	0.32	0.033
1011738	Soil		0.8	46.4	8.1	59	0.1	23.5	15.3	389	3.57	8.4	0.4	1.0	2.7	28	0.1	0.4	0.2	78	0.31	0.032
1011740	Soil		0.7	18.1	8.6	46	<0.1	16.8	7.8	229	2.56	8.9	0.6	3.3	3.1	22	<0.1	0.5	0.2	61	0.26	0.038
1011735	Soil		0.5	27.8	7.2	90	<0.1	11.0	6.4	476	3.15	3.6	0.5	0.7	2.7	52	0.1	0.3	<0.1	32	0.60	0.035
1011718	Soil		0.7	35.0	6.8	68	<0.1	20.1	10.5	429	3.40	7.6	1.2	3.2	4.5	39	<0.1	0.5	0.2	61	0.46	0.026
1011734	Soil		0.7	42.4	7.9	68	<0.1	27.1	18.2	427	4.08	6.7	0.7	<0.5	9.7	21	<0.1	0.4	0.1	77	0.19	0.018
1011736	Soil		1.7	167.4	7.2	277	0.1	6.5	7.6	764	6.80	5.1	1.0	3.2	1.7	53	<0.1	0.1	<0.1	142	0.26	0.040
1011737	Soil		0.4	68.7	6.7	89	0.1	20.6	21.9	669	4.54	3.5	0.3	<0.5	2.2	43	<0.1	0.2	0.1	98	0.48	0.049
1011730	Soil		0.6	373.3	9.4	115	0.1	38.4	52.5	1044	4.93	3.9	2.1	<0.5	9.8	58	<0.1	0.2	<0.1	114	1.07	0.070
1011733	Soil		0.4	13.7	3.8	111	<0.1	10.7	20.7	989	4.74	3.2	0.2	<0.5	3.3	37	<0.1	0.2	<0.1	100	0.48	0.088
1011731	Soil		0.4	47.3	3.8	65	<0.1	12.0	18.7	495	3.84	3.1	0.5	<0.5	2.0	79	<0.1	0.2	<0.1	105	1.24	0.158
1011729	Soil		0.5	37.8	6.1	88	<0.1	16.2	19.1	806	4.11	4.5	0.5	1.1	3.5	46	0.1	0.3	0.1	98	0.70	0.081
1011727	Soil		0.5	21.8	6.7	71	<0.1	18.4	15.2	771	3.81	3.6	1.2	2.7	8.0	38	<0.1	0.3	<0.1	61	0.55	0.081
1011728	Soil		0.5	36.7	6.1	95	<0.1	32.3	19.6	713	4.84	5.6	0.5	1.3	2.4	58	<0.1	0.2	0.2	110	1.14	0.128
1011712	Soil		0.4	97.0	3.5	67	0.1	20.0	19.0	546	3.92	4.7	0.7	1.2	7.2	46	<0.1	0.3	<0.1	60	3.14	0.075
1011714	Soil		0.5	27.9	5.4	78	<0.1	20.8	19.8	675	4.34	6.1	0.8	1.7	6.5	30	<0.1	0.3	<0.1	70	0.48	0.086
1011713	Soil		0.7	33.3	8.2	61	<0.1	30.2	13.8	417	3.34	11.8	0.6	2.7	6.7	31	<0.1	0.7	0.2	69	0.44	0.035
1011716	Soil		0.4	40.8	7.6	80	<0.1	22.0	14.2	527	3.44	5.4	0.7	2.8	4.5	49	0.1	0.4	<0.1	79	0.69	0.089
1011710	Soil		0.6	34.4	8.9	50	<0.1	58.0	15.2	327	2.74	10.3	0.5	5.3	6.9	40	<0.1	0.5	0.1	64	0.58	0.049
1011726	Soil		0.7	26.5	6.6	70	<0.1	20.0	14.3	443	3.51	8.0	0.5	3.0	4.9	32	<0.1	0.5	0.1	77	0.32	0.039
1011732	Soil		0.2	9.0	3.9	57	<0.1	5.7	15.0	635	3.26	1.3	0.4	0.5	4.0	79	<0.1	0.1	<0.1	64	1.43	0.052
1011715	Soil		0.7	15.9	6.1	71	<0.1	18.5	15.6	508	3.31	6.1	0.7	0.8	5.3	38	0.1	0.4	0.1	78	0.42	0.036
1011711	Soil		0.6	36.7	7.5	82	<0.1	25.9	17.5	599	3.58	7.4	0.5	1.5	5.5	37	0.1	0.5	0.1	72	0.58	0.064
1011722	Soil		0.7	24.9	7.6	64	<0.1	20.6	11.7	396	3.44	6.9	0.7	1.3	3.7	28	<0.1	0.5	0.1	66	0.32	0.027
1011723	Soil		0.7	25.2	7.0	57	<0.1	18.2	10.9	419	3.28	7.8	0.8	3.5	4.3	28	<0.1	0.5	0.2	62	0.31	0.037
1011724	Soil		0.9	45.3	8.0	66	<0.1	25.9	12.0	325	3.30	8.3	0.6	1.6	3.8	23	0.1	0.4	0.2	69	0.28	0.026
1011720	Soil		0.7	34.9	7.9	77	<0.1	22.9	10.7	428	3.46	8.0	1.1	4.9	4.9	37	0.1	0.5	0.2	69	0.38	0.026
1011719	Soil		0.6	36.5	6.2	86	<0.1	15.2	11.5	547	3.81	4.6	0.7	1.5	3.4	52	<0.1	0.3	0.1	57	0.63	0.054
1011717	Soil		0.9	28.9	9.0	71	<0.1	25.0	13.0	399	3.63	9.1	1.1	2.8	5.0	28	<0.1	0.5	0.2	80	0.30	0.024

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000476.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011725	Soil	14	34	0.61	258	0.100	<1	1.79	0.016	0.07	0.2	0.04	8.3	<0.1	<0.05	6	<0.5	<0.2
1011739	Soil	14	40	0.80	182	0.072	1	1.80	0.015	0.04	0.1	0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
1011738	Soil	6	37	1.04	193	0.109	<1	2.48	0.012	0.06	0.2	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1011740	Soil	10	28	0.44	203	0.059	<1	1.67	0.011	0.04	0.2	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2
1011735	Soil	8	15	0.43	230	0.084	<1	2.32	0.012	0.14	<0.1	0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
1011718	Soil	17	31	0.58	260	0.078	<1	2.27	0.018	0.06	0.1	0.05	8.0	<0.1	<0.05	8	<0.5	<0.2
1011734	Soil	19	39	1.36	179	0.098	<1	3.10	0.014	0.08	<0.1	0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1011736	Soil	8	8	2.82	500	0.141	<1	4.14	0.029	0.91	<0.1	<0.01	14.2	0.2	0.38	14	0.8	<0.2
1011737	Soil	4	27	1.83	194	0.311	<1	3.71	0.012	0.30	0.2	<0.01	2.2	<0.1	<0.05	10	<0.5	<0.2
1011730	Soil	44	54	1.46	478	0.246	<1	4.19	0.017	0.74	<0.1	<0.01	7.1	0.1	<0.05	14	<0.5	<0.2
1011733	Soil	6	16	1.84	373	0.275	<1	3.36	0.017	0.72	<0.1	<0.01	1.6	0.2	<0.05	9	<0.5	<0.2
1011731	Soil	9	19	1.52	254	0.209	<1	3.26	0.034	0.30	0.3	0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
1011729	Soil	10	23	1.37	495	0.242	2	3.07	0.019	0.68	0.3	0.01	3.1	0.1	<0.05	8	<0.5	<0.2
1011727	Soil	22	27	1.23	834	0.057	1	2.26	0.016	0.15	0.1	0.01	5.5	<0.1	<0.05	7	<0.5	<0.2
1011728	Soil	12	44	1.84	423	0.300	<1	3.84	0.015	1.18	0.2	0.02	3.7	0.3	<0.05	11	<0.5	<0.2
1011712	Soil	25	35	1.46	345	0.070	<1	2.21	0.009	0.35	<0.1	0.04	4.0	<0.1	<0.05	6	<0.5	<0.2
1011714	Soil	18	33	1.61	197	0.058	<1	2.28	0.013	0.17	0.1	0.02	4.3	<0.1	<0.05	7	<0.5	<0.2
1011713	Soil	19	41	0.84	217	0.109	1	1.94	0.015	0.23	0.2	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1011716	Soil	15	29	1.18	260	0.182	<1	2.25	0.025	0.32	<0.1	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
1011710	Soil	14	73	1.23	215	0.118	<1	1.76	0.019	0.14	0.1	0.03	4.2	<0.1	<0.05	5	<0.5	<0.2
1011726	Soil	17	30	1.12	229	0.162	<1	2.28	0.014	0.11	<0.1	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1011732	Soil	13	10	1.26	292	0.081	<1	4.02	0.011	0.38	<0.1	<0.01	1.9	<0.1	<0.05	9	<0.5	<0.2
1011715	Soil	12	30	1.04	299	0.139	<1	2.12	0.016	0.35	<0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1011711	Soil	17	37	1.35	390	0.131	2	2.27	0.020	0.35	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
1011722	Soil	14	34	0.70	232	0.109	<1	2.26	0.017	0.06	0.1	0.02	5.7	<0.1	<0.05	7	<0.5	<0.2
1011723	Soil	14	31	0.62	242	0.098	<1	2.07	0.018	0.07	0.2	0.03	5.3	<0.1	<0.05	7	<0.5	<0.2
1011724	Soil	9	36	0.67	290	0.095	<1	2.41	0.014	0.06	0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1011720	Soil	18	40	0.71	304	0.114	<1	2.28	0.017	0.08	0.2	0.04	8.4	<0.1	<0.05	7	<0.5	<0.2
1011719	Soil	13	23	0.68	238	0.101	<1	2.35	0.018	0.10	<0.1	0.02	7.4	<0.1	<0.05	9	<0.5	<0.2
1011717	Soil	20	44	0.78	241	0.100	<1	2.67	0.016	0.06	0.1	0.02	6.7	<0.1	<0.05	7	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000476.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011721	Soil		1.0	12.4	7.5	73	<0.1	13.9	9.7	368	3.74	6.4	0.4	1.3	1.9	17	0.1	0.4	0.2	66	0.22	0.058
1013152	Soil		1.5	21.8	14.1	76	<0.1	23.8	12.4	518	3.77	6.1	0.5	<0.5	4.1	25	<0.1	0.6	1.4	76	0.27	0.054
1011651	Soil		1.3	21.3	13.6	75	<0.1	21.8	12.1	498	3.51	5.6	0.5	0.5	3.9	24	<0.1	0.5	1.3	73	0.25	0.050
1011652	Soil		1.0	30.8	13.4	72	<0.1	28.5	13.7	567	3.73	6.0	1.3	0.8	6.0	26	<0.1	0.5	1.7	74	0.45	0.063
1011655	Soil		2.1	61.9	5.6	72	<0.1	21.7	15.8	604	4.13	4.2	0.8	<0.5	5.0	55	0.1	0.2	0.2	97	0.54	0.051
1011653	Soil		0.8	21.4	12.5	52	<0.1	17.5	9.2	371	2.50	5.8	1.4	5.8	5.2	24	<0.1	0.3	0.3	54	0.40	0.035
1011654	Soil		2.4	42.5	3.1	59	<0.1	10.9	15.0	462	3.16	1.2	0.2	1.4	1.2	21	<0.1	<0.1	0.1	82	0.68	0.174
1011673	Soil		0.9	17.2	42.2	84	<0.1	23.3	10.8	923	3.05	7.1	8.4	11.5	67.8	25	<0.1	0.5	1.2	62	0.34	0.060
1011672	Soil		0.7	12.6	52.3	49	<0.1	15.2	6.5	355	2.22	6.5	3.9	7.1	39.9	13	<0.1	0.5	0.9	45	0.14	0.033
1011656	Soil		1.5	22.7	8.2	154	<0.1	11.6	11.6	817	4.84	4.9	0.6	1.0	1.9	13	0.1	0.3	0.1	94	0.31	0.090
1011657	Soil		1.1	23.0	9.1	65	<0.1	19.0	8.9	589	2.88	4.5	0.6	0.9	2.7	18	<0.1	0.3	0.1	54	0.19	0.026
1011658	Soil		0.7	49.2	17.2	88	<0.1	13.9	17.8	693	4.80	2.3	2.3	<0.5	22.7	23	<0.1	0.2	1.2	125	0.31	0.034
1011659	Soil		0.8	15.5	29.3	58	<0.1	19.4	8.4	480	2.51	7.5	2.2	0.9	34.2	12	<0.1	0.9	0.5	55	0.14	0.029
1011667	Soil		0.9	7.0	42.7	49	<0.1	9.8	6.2	608	2.14	4.3	6.7	<0.5	30.9	16	<0.1	0.5	0.3	40	0.15	0.039
1011666	Soil		0.5	5.1	36.8	57	<0.1	8.8	6.4	734	1.89	4.2	5.6	8.8	51.9	15	<0.1	0.3	0.5	28	0.22	0.048
1011668	Soil		0.8	24.1	30.3	70	<0.1	28.3	11.9	629	3.23	10.3	5.5	2.4	45.3	26	0.1	0.5	0.4	76	0.34	0.032
1011671	Soil		0.7	6.8	43.0	53	<0.1	11.2	7.0	649	2.21	3.9	3.8	1.2	38.5	15	0.3	0.4	0.6	42	0.23	0.025
1011670	Soil		0.9	11.3	35.8	68	<0.1	17.2	9.8	827	2.79	5.9	4.2	4.1	56.8	19	0.1	0.3	0.5	62	0.24	0.035
1011669	Soil		0.5	10.3	52.3	65	<0.1	13.9	8.1	865	2.42	5.3	8.5	1.7	101.9	16	<0.1	0.5	0.7	40	0.29	0.070
1027696	Soil		0.7	34.4	13.1	108	0.2	26.4	22.5	680	5.00	5.8	0.4	1.0	5.8	28	<0.1	0.2	0.4	74	0.34	0.082
1027697	Soil		0.7	30.5	8.4	95	<0.1	52.6	21.5	618	4.44	4.2	0.4	<0.5	3.6	21	<0.1	0.1	<0.1	72	0.29	0.060
1027698	Soil		0.8	32.0	8.7	127	<0.1	34.4	23.4	888	5.48	3.8	0.6	0.5	5.5	38	<0.1	0.2	0.1	86	0.50	0.112
1027699	Soil		0.7	33.5	9.0	140	<0.1	36.2	24.7	962	5.69	4.2	0.6	<0.5	6.0	41	<0.1	0.2	0.2	92	0.53	0.120
1027700	Soil		1.3	34.8	8.6	128	<0.1	20.8	18.5	811	4.65	3.1	0.6	1.6	5.5	40	<0.1	0.3	0.8	73	0.48	0.103
1013151	Soil		1.5	20.3	19.1	56	0.1	16.3	9.0	363	3.04	8.0	0.9	4.7	4.1	28	0.4	0.4	0.7	73	0.34	0.043
1011660	Soil		0.6	7.4	41.5	47	<0.1	10.5	6.1	475	2.16	6.9	5.3	3.7	28.5	10	<0.1	0.5	0.7	45	0.11	0.027
1011661	Soil		0.7	10.0	40.4	55	<0.1	13.2	7.3	559	2.20	6.4	3.8	<0.5	41.2	16	<0.1	0.6	0.4	45	0.15	0.028
1011663	Soil		0.8	6.8	27.5	67	<0.1	12.4	8.7	989	2.41	3.7	2.1	1.7	23.1	29	<0.1	0.4	0.2	47	0.31	0.054
1011662	Soil		0.5	6.7	65.2	53	<0.1	8.0	4.8	432	1.87	3.9	4.1	<0.5	42.3	11	1.2	0.6	0.4	31	0.13	0.024
1011664	Soil		0.6	12.6	30.1	59	<0.1	14.2	7.7	644	2.31	5.5	5.6	2.1	43.3	26	<0.1	0.3	0.4	49	0.31	0.038

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Project: PED
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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011721	Soil	6	22	0.57	173	0.113	<1	2.62	0.018	0.09	0.1	0.02	3.8	<0.1	<0.05	10	<0.5	<0.2
1013152	Soil	8	52	1.01	147	0.134	<1	2.47	0.013	0.16	0.4	0.02	3.2	0.2	<0.05	8	<0.5	<0.2
1011651	Soil	8	47	0.96	142	0.128	<1	2.40	0.013	0.15	0.4	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1011652	Soil	24	64	0.96	559	0.071	<1	2.72	0.019	0.08	0.3	0.02	5.5	0.1	<0.05	7	<0.5	<0.2
1011655	Soil	13	41	1.27	239	0.149	<1	2.73	0.030	0.07	0.2	0.02	6.0	<0.1	<0.05	9	<0.5	<0.2
1011653	Soil	20	32	0.64	297	0.070	1	1.60	0.013	0.05	0.1	0.03	4.5	0.1	<0.05	5	<0.5	<0.2
1011654	Soil	4	22	1.31	164	0.134	<1	2.08	0.028	0.21	0.2	0.01	4.0	0.1	<0.05	7	<0.5	<0.2
1011673	Soil	31	36	0.82	143	0.108	1	1.91	0.014	0.17	0.2	0.02	7.3	0.4	<0.05	7	<0.5	<0.2
1011672	Soil	23	26	0.44	85	0.039	<1	1.50	0.007	0.07	0.3	0.01	3.9	0.1	<0.05	4	<0.5	<0.2
1011656	Soil	7	20	0.94	214	0.179	<1	2.33	0.016	0.23	<0.1	0.02	4.6	0.2	<0.05	10	<0.5	<0.2
1011657	Soil	6	52	0.58	163	0.070	<1	1.59	0.011	0.09	<0.1	0.01	5.0	<0.1	<0.05	6	<0.5	<0.2
1011658	Soil	25	34	1.82	115	0.108	<1	2.75	0.016	0.11	<0.1	<0.01	10.1	0.2	<0.05	10	<0.5	<0.2
1011659	Soil	11	30	0.51	85	0.064	<1	2.01	0.008	0.09	0.2	0.02	3.3	0.2	<0.05	5	<0.5	<0.2
1011667	Soil	30	19	0.40	104	0.020	<1	1.35	0.009	0.07	0.4	<0.01	1.7	0.1	<0.05	5	<0.5	<0.2
1011666	Soil	18	12	0.44	94	0.031	<1	1.28	0.010	0.20	0.2	<0.01	3.0	0.5	<0.05	5	<0.5	<0.2
1011668	Soil	30	44	0.70	137	0.127	1	2.22	0.015	0.15	0.2	0.02	7.5	0.3	<0.05	7	<0.5	<0.2
1011671	Soil	16	19	0.47	81	0.040	<1	1.28	0.011	0.13	0.2	0.01	2.9	0.2	<0.05	5	<0.5	<0.2
1011670	Soil	20	32	0.65	117	0.085	<1	1.82	0.013	0.15	0.1	0.02	4.9	0.4	<0.05	7	<0.5	<0.2
1011669	Soil	42	20	0.46	83	0.033	<1	1.42	0.010	0.15	0.2	0.01	5.3	0.3	<0.05	6	<0.5	<0.2
1027696	Soil	5	48	1.59	254	0.246	<1	3.37	0.015	0.95	1.7	0.02	2.7	0.5	<0.05	9	<0.5	<0.2
1027697	Soil	5	100	1.69	216	0.304	<1	3.30	0.014	0.78	0.4	<0.01	2.0	0.5	<0.05	9	<0.5	<0.2
1027698	Soil	8	77	1.80	311	0.225	<1	3.13	0.012	0.89	5.3	<0.01	3.9	0.5	<0.05	10	<0.5	<0.2
1027699	Soil	9	83	1.94	331	0.233	1	3.28	0.014	0.96	5.6	<0.01	4.1	0.5	<0.05	11	<0.5	<0.2
1027700	Soil	12	41	1.53	318	0.182	<1	2.69	0.019	0.70	0.4	0.01	2.8	0.3	<0.05	8	<0.5	<0.2
1013151	Soil	16	33	0.59	312	0.090	<1	1.76	0.015	0.09	0.3	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1011660	Soil	9	19	0.33	74	0.024	<1	1.88	0.010	0.07	0.3	0.01	2.3	0.2	<0.05	6	<0.5	<0.2
1011661	Soil	13	24	0.46	88	0.043	<1	1.78	0.009	0.09	0.4	<0.01	3.6	0.2	<0.05	6	<0.5	<0.2
1011663	Soil	10	21	0.47	156	0.052	<1	1.74	0.011	0.05	0.2	0.02	2.4	0.2	<0.05	8	<0.5	<0.2
1011662	Soil	25	16	0.40	49	0.010	<1	1.78	0.015	0.05	0.4	<0.01	2.6	0.1	<0.05	5	<0.5	<0.2
1011664	Soil	30	24	0.60	152	0.057	<1	1.82	0.011	0.10	0.2	0.01	4.1	0.5	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011665	Soil	0.4	9.6	32.5	60	<0.1	13.3	7.5	704	2.64	5.5	5.2	1.7	42.3	23	<0.1	0.3	0.6	54	0.26	0.018
1020619	Soil	1.0	33.2	9.6	70	<0.1	14.9	13.2	382	4.20	9.0	0.5	2.1	3.5	19	<0.1	0.4	0.1	92	0.20	0.059
1020618	Soil	0.7	46.8	9.7	50	<0.1	17.7	13.7	247	2.75	6.6	0.4	2.6	1.7	22	0.1	0.3	0.1	70	0.35	0.065
1020617	Soil	0.8	29.1	42.3	67	<0.1	15.1	12.0	322	3.08	6.5	0.6	0.6	3.6	25	1.8	0.3	0.1	68	0.34	0.056
1020616	Soil	1.0	38.4	8.1	69	<0.1	20.0	10.5	345	2.94	8.4	1.1	2.5	5.4	18	<0.1	0.5	0.2	67	0.19	0.027
1020640	Soil	0.8	7.0	3.3	68	<0.1	4.9	7.6	567	3.43	3.5	0.2	0.7	1.0	12	<0.1	0.3	<0.1	26	0.16	0.050
1020637	Soil	0.5	23.9	5.8	68	<0.1	10.9	9.2	477	3.23	5.4	0.9	1.5	3.0	19	0.1	0.4	<0.1	37	0.28	0.024
1020639	Soil	1.3	38.8	13.3	79	<0.1	6.9	10.0	406	3.39	4.4	0.3	<0.5	1.0	13	0.4	0.2	<0.1	61	0.38	0.039
1020638	Soil	0.8	17.9	12.3	63	<0.1	20.3	11.9	288	2.87	8.4	0.7	1.1	4.9	17	<0.1	0.6	0.2	65	0.16	0.022
1020620	Soil	0.7	54.7	7.0	53	<0.1	17.4	15.6	352	3.63	7.0	0.5	1.3	3.5	27	<0.1	0.4	0.1	93	0.39	0.041
1020626	Soil	0.9	16.0	10.3	44	<0.1	16.6	7.9	241	2.61	8.3	0.4	<0.5	2.4	18	<0.1	0.6	0.2	63	0.20	0.022
1020621	Soil	0.8	14.9	7.7	59	<0.1	15.9	10.0	223	3.08	9.4	0.4	3.6	2.2	18	<0.1	0.4	0.2	69	0.21	0.051
1020622	Soil	0.8	21.7	6.0	67	<0.1	16.2	12.5	541	3.76	7.9	0.3	1.3	2.0	20	<0.1	0.4	0.1	93	0.34	0.069
1020629	Soil	2.4	45.1	5.4	69	0.1	13.5	12.6	466	4.61	9.3	0.7	<0.5	2.9	41	<0.1	0.4	0.2	71	0.38	0.089
1020632	Soil	0.7	35.8	6.0	61	<0.1	24.3	12.6	327	3.02	7.8	0.4	4.5	3.4	26	<0.1	0.5	0.1	68	0.34	0.039
1020630	Soil	0.8	27.3	7.1	58	<0.1	17.2	12.1	414	3.37	8.8	0.3	1.7	2.2	18	<0.1	0.5	0.1	85	0.28	0.045
1020633	Soil	0.9	41.6	7.2	54	<0.1	19.8	11.2	320	3.13	8.9	0.6	1.7	4.1	24	<0.1	0.5	0.1	72	0.31	0.033
1020635	Soil	0.6	22.9	2.9	74	<0.1	9.8	10.2	570	3.68	3.6	0.5	<0.5	2.6	14	<0.1	0.3	<0.1	37	0.30	0.059
1020634	Soil	0.7	35.5	4.4	63	<0.1	15.9	13.1	342	3.57	6.4	0.4	1.3	2.6	18	<0.1	0.3	0.1	85	0.31	0.044
1020636	Soil	0.7	21.2	7.5	54	<0.1	20.8	10.8	261	2.87	9.1	1.0	3.7	4.0	24	<0.1	0.6	0.1	61	0.25	0.025
1020631	Soil	0.9	24.3	7.3	51	<0.1	18.6	9.0	285	2.61	9.2	1.0	2.4	3.9	27	<0.1	0.6	0.1	61	0.33	0.025
1020623	Soil	0.9	38.0	6.0	57	<0.1	24.9	12.3	341	3.40	10.5	0.9	1.9	4.2	21	<0.1	0.6	0.1	77	0.24	0.023
1020624	Soil	0.8	26.1	5.7	64	<0.1	15.7	12.4	858	2.79	5.2	0.3	3.7	1.3	32	0.2	0.5	0.1	69	0.51	0.099
1020628	Soil	0.5	35.3	6.1	66	<0.1	18.5	11.6	326	3.16	7.8	0.7	3.8	3.3	23	<0.1	0.5	0.1	80	0.36	0.039
1020627	Soil	1.4	28.0	7.2	60	<0.1	14.4	11.9	453	3.64	8.2	0.6	<0.5	3.7	14	<0.1	0.5	0.2	72	0.16	0.037
1020625	Soil	0.5	46.9	5.4	71	<0.1	23.7	19.4	671	4.67	6.5	0.6	<0.5	3.2	31	<0.1	0.5	<0.1	128	0.42	0.035
1020613	Soil	0.5	64.9	3.7	74	<0.1	20.4	18.2	583	3.89	5.1	0.4	1.9	0.9	23	0.1	0.2	<0.1	112	0.71	0.171
1020612	Soil	0.9	31.6	6.2	71	<0.1	19.0	11.6	358	3.23	9.7	0.5	3.7	3.1	17	0.1	0.4	0.1	67	0.26	0.060
1020614	Soil	0.5	30.7	4.7	75	<0.1	16.8	11.9	468	3.48	7.4	0.4	1.5	2.0	23	<0.1	0.4	<0.1	82	0.44	0.116
1020610	Soil	0.7	59.4	8.4	141	0.2	17.9	16.2	652	4.20	5.4	0.4	1.4	2.4	23	0.5	0.2	<0.1	83	0.49	0.065

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000476.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011665	Soil	15	26	0.64	112	0.091	<1	1.79	0.010	0.10	0.1	<0.01	4.1	0.4	<0.05	7	<0.5	<0.2
1020619	Soil	7	41	0.93	307	0.156	<1	2.27	0.011	0.33	0.1	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1020618	Soil	7	36	0.69	166	0.084	1	1.68	0.025	0.07	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1020617	Soil	10	30	0.77	318	0.138	1	1.85	0.022	0.18	0.1	0.03	2.4	<0.1	<0.05	6	<0.5	<0.2
1020616	Soil	22	37	0.71	412	0.079	1	1.95	0.011	0.12	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1020640	Soil	3	9	0.43	196	0.009	<1	2.03	0.008	0.08	<0.1	0.01	3.1	<0.1	<0.05	9	<0.5	<0.2
1020637	Soil	14	16	0.57	204	0.100	<1	1.81	0.008	0.06	0.1	0.02	4.9	<0.1	<0.05	7	0.5	<0.2
1020639	Soil	3	8	0.54	246	0.160	<1	2.16	0.033	0.16	<0.1	<0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
1020638	Soil	11	34	0.52	247	0.060	<1	2.22	0.013	0.05	0.2	0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
1020620	Soil	10	37	1.05	322	0.197	<1	2.11	0.026	0.30	<0.1	0.02	4.1	<0.1	<0.05	7	<0.5	<0.2
1020626	Soil	7	27	0.45	212	0.059	1	1.57	0.007	0.06	0.1	0.01	2.0	<0.1	<0.05	5	<0.5	<0.2
1020621	Soil	10	31	0.55	280	0.067	2	1.96	0.013	0.10	0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1020622	Soil	7	26	0.95	301	0.157	<1	2.10	0.015	0.42	0.1	<0.01	4.4	0.1	<0.05	7	<0.5	<0.2
1020629	Soil	11	21	0.87	425	0.047	1	2.11	0.040	0.16	<0.1	<0.01	6.3	<0.1	0.23	8	1.2	<0.2
1020632	Soil	9	35	0.82	241	0.056	<1	2.05	0.011	0.06	0.1	<0.01	4.2	<0.1	<0.05	6	0.5	<0.2
1020630	Soil	7	35	0.97	187	0.071	2	2.32	0.019	0.08	0.1	0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1020633	Soil	11	36	0.69	240	0.069	1	2.24	0.017	0.05	0.1	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1020635	Soil	6	13	0.65	215	0.154	<1	2.13	0.014	0.30	<0.1	<0.01	5.0	<0.1	<0.05	8	0.6	<0.2
1020634	Soil	6	21	0.79	184	0.081	<1	2.31	0.021	0.07	<0.1	<0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
1020636	Soil	16	34	0.54	265	0.067	1	1.84	0.014	0.06	0.1	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
1020631	Soil	14	34	0.55	272	0.068	<1	1.67	0.014	0.06	0.1	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
1020623	Soil	17	37	0.78	269	0.075	<1	1.99	0.014	0.10	0.1	0.02	6.3	<0.1	<0.05	6	0.5	<0.2
1020624	Soil	6	26	0.68	436	0.070	<1	1.57	0.016	0.12	0.1	<0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1020628	Soil	12	31	0.87	281	0.073	<1	2.09	0.018	0.05	0.1	0.03	5.2	<0.1	<0.05	6	0.5	<0.2
1020627	Soil	12	29	0.62	238	0.036	<1	1.96	0.009	0.08	0.1	<0.01	4.1	<0.1	<0.05	6	<0.5	<0.2
1020625	Soil	12	46	1.92	254	0.166	<1	2.97	0.014	0.16	<0.1	<0.01	6.0	<0.1	<0.05	10	<0.5	<0.2
1020613	Soil	6	31	1.37	361	0.156	<1	2.33	0.032	0.42	<0.1	<0.01	4.6	0.1	<0.05	7	<0.5	<0.2
1020612	Soil	10	28	0.73	232	0.090	<1	1.85	0.013	0.22	0.1	<0.01	5.0	0.1	<0.05	6	<0.5	<0.2
1020614	Soil	8	25	0.97	278	0.155	<1	1.87	0.020	0.53	0.1	<0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1020610	Soil	8	27	1.04	346	0.091	2	1.87	0.020	0.20	0.1	0.01	6.5	<0.1	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1020615	Soil	1.4	18.7	7.3	74	<0.1	16.1	11.6	710	3.13	8.8	0.6	1.5	3.0	18	0.2	0.6	0.2	69	0.23	0.044
1020609	Soil	1.6	41.0	7.5	73	0.1	14.4	12.8	630	2.83	3.6	0.3	0.9	1.4	23	0.2	0.3	0.1	85	0.59	0.045
1020611	Soil	0.8	36.1	5.2	65	0.1	12.2	10.3	343	3.25	5.1	0.3	1.1	1.3	19	<0.1	0.3	0.1	90	0.34	0.065
1031984	Soil	0.6	110.7	5.8	80	<0.1	20.5	24.0	796	6.17	3.8	1.3	2.9	2.7	32	<0.1	0.5	<0.1	185	0.51	0.036
1031986	Soil	1.4	35.3	8.6	108	<0.1	20.4	12.3	410	4.22	11.3	0.6	0.9	3.2	22	0.2	0.4	0.1	76	0.25	0.040
1031987	Soil	0.5	42.4	8.9	70	<0.1	21.9	12.5	359	3.03	7.8	0.8	3.7	3.6	31	0.1	0.4	0.1	73	0.38	0.045
1031985	Soil	0.7	27.5	4.8	103	<0.1	10.2	13.0	522	4.84	3.6	0.3	<0.5	1.2	16	<0.1	0.2	<0.1	96	0.28	0.049
1030550	Soil	1.2	54.5	5.7	65	<0.1	16.6	17.3	656	4.24	6.2	0.6	2.0	2.7	27	<0.1	0.4	0.1	109	0.47	0.040
1030544	Soil	0.7	28.9	5.2	63	<0.1	15.3	11.2	426	3.37	7.2	0.4	1.6	2.6	21	<0.1	0.4	0.1	87	0.37	0.080
1030539	Soil	0.8	26.3	7.1	71	<0.1	21.5	12.1	402	3.47	10.4	0.6	1.6	4.7	19	<0.1	0.5	0.1	78	0.27	0.050
1030535	Soil	0.2	15.8	1.1	99	<0.1	38.3	29.0	1010	5.47	1.9	0.2	1.0	0.7	32	<0.1	0.1	<0.1	137	0.82	0.125
1030534	Soil	1.2	54.8	4.4	112	<0.1	16.5	14.2	886	5.57	4.0	0.7	<0.5	4.1	19	<0.1	0.1	<0.1	147	0.32	0.070
1030541	Soil	0.5	64.7	4.5	103	<0.1	25.5	24.6	819	5.50	4.5	0.4	<0.5	3.4	22	<0.1	0.1	<0.1	127	0.48	0.124
1030537	Soil	0.3	102.3	4.0	78	<0.1	8.1	23.5	950	7.19	1.8	0.6	2.2	3.3	34	<0.1	0.2	<0.1	171	3.15	0.341
1030533	Soil	0.8	18.8	7.9	59	<0.1	21.4	10.1	308	3.07	11.4	0.6	3.3	4.0	21	<0.1	0.6	0.1	72	0.26	0.041
1030531	Soil	0.8	28.3	6.3	78	<0.1	18.8	14.7	601	3.49	5.6	0.3	0.9	1.9	28	0.1	0.4	0.1	85	0.48	0.039
1030532	Soil	1.1	18.5	9.7	54	<0.1	19.8	9.5	302	2.73	11.2	0.9	1.3	5.7	17	<0.1	0.8	0.2	60	0.17	0.041
1030528	Soil	0.4	27.8	6.1	81	<0.1	18.6	16.3	407	3.93	6.8	0.5	<0.5	3.0	42	0.1	0.3	<0.1	61	0.38	0.041
1030529	Soil	0.7	8.0	9.4	37	<0.1	9.4	5.5	245	1.89	5.5	0.4	<0.5	2.4	16	0.1	0.3	0.2	57	0.21	0.029
1030538	Soil	0.4	51.6	2.8	101	<0.1	17.5	24.5	555	5.07	3.9	0.2	<0.5	1.3	28	<0.1	0.2	<0.1	130	1.17	0.280
1030530	Soil	1.1	22.3	6.9	69	<0.1	14.0	10.0	671	2.81	5.6	0.3	<0.5	1.4	21	0.2	0.5	0.2	67	0.26	0.071
1030525	Soil	1.0	14.4	7.4	58	<0.1	19.0	9.4	369	2.44	7.0	0.4	2.5	2.5	34	0.1	0.6	0.1	64	0.43	0.038
1030549	Soil	1.2	63.7	4.5	82	0.1	19.9	21.1	1008	5.81	6.1	0.6	0.7	2.6	25	0.1	0.5	<0.1	138	0.51	0.079
1030526	Soil	1.1	14.1	9.0	55	<0.1	18.6	10.0	314	2.99	11.1	0.4	0.6	3.2	26	<0.1	0.6	0.2	70	0.25	0.064
1030548	Soil	0.7	24.3	6.5	52	<0.1	16.5	12.6	468	3.07	6.8	0.4	0.5	2.1	27	<0.1	0.4	0.1	78	0.39	0.056
1030527	Soil	3.9	89.4	28.6	61	<0.1	201.2	38.7	870	5.50	9.1	1.6	<0.5	19.0	57	<0.1	0.2	0.4	183	0.88	0.238
1030547	Soil	0.8	32.5	4.8	64	<0.1	13.7	15.3	444	3.71	5.3	0.4	0.7	1.7	22	<0.1	0.3	0.1	95	0.46	0.131
1030546	Soil	0.9	36.5	7.5	58	<0.1	24.2	14.5	350	3.40	9.5	0.4	<0.5	2.4	25	<0.1	0.5	0.2	86	0.32	0.056
1030545	Soil	0.6	73.2	4.4	91	<0.1	14.7	17.8	699	5.77	4.3	0.6	<0.5	3.3	18	<0.1	0.2	<0.1	148	0.92	0.359
1030540	Soil	0.8	32.8	6.7	75	<0.1	20.7	14.9	406	4.31	8.0	0.6	1.2	6.3	21	<0.1	0.5	0.1	89	0.31	0.054

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1020615	Soil	10	33	0.51	297	0.059	<1	1.86	0.016	0.13	0.1	0.01	4.2	<0.1	<0.05	6	0.5	<0.2
1020609	Soil	5	29	0.87	276	0.161	1	1.47	0.022	0.33	0.1	0.02	3.3	0.1	<0.05	8	<0.5	<0.2
1020611	Soil	6	22	0.74	316	0.127	<1	1.52	0.019	0.25	0.1	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1031984	Soil	12	41	1.70	459	0.032	<1	3.47	0.022	0.08	<0.1	0.03	26.0	<0.1	<0.05	12	<0.5	<0.2
1031986	Soil	9	31	0.75	393	0.085	1	2.29	0.014	0.14	0.1	0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1031987	Soil	12	36	0.82	305	0.098	<1	1.74	0.019	0.13	0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1031985	Soil	4	26	1.28	384	0.224	<1	2.61	0.023	0.54	0.1	<0.01	6.0	0.2	<0.05	11	<0.5	<0.2
1030550	Soil	8	31	1.00	338	0.095	<1	2.13	0.033	0.11	0.1	0.01	9.2	<0.1	<0.05	8	0.7	<0.2
1030544	Soil	9	28	0.78	237	0.145	<1	1.84	0.017	0.34	0.1	<0.01	4.9	0.1	<0.05	6	<0.5	<0.2
1030539	Soil	12	35	0.89	254	0.124	<1	2.34	0.017	0.23	0.2	0.01	4.4	0.1	<0.05	7	<0.5	<0.2
1030535	Soil	6	48	3.16	165	0.206	<1	3.58	0.010	0.41	<0.1	<0.01	4.5	0.2	<0.05	10	<0.5	<0.2
1030534	Soil	6	50	1.61	826	0.309	<1	3.24	0.014	1.40	<0.1	<0.01	9.3	0.4	<0.05	12	0.6	<0.2
1030541	Soil	6	47	1.94	401	0.300	<1	3.21	0.028	0.91	<0.1	<0.01	3.8	0.3	<0.05	11	<0.5	<0.2
1030537	Soil	14	9	1.15	481	0.018	<1	2.91	0.068	0.13	<0.1	0.02	22.8	<0.1	<0.05	8	0.6	<0.2
1030533	Soil	11	35	0.63	301	0.082	<1	2.00	0.013	0.12	0.1	<0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
1030531	Soil	7	32	0.88	330	0.116	2	2.24	0.023	0.09	0.1	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
1030532	Soil	13	37	0.56	253	0.064	1	1.97	0.015	0.08	0.2	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1030528	Soil	6	26	2.20	364	0.240	1	3.45	0.019	0.53	<0.1	<0.01	4.5	0.1	<0.05	9	<0.5	<0.2
1030529	Soil	9	21	0.37	175	0.046	<1	1.11	0.012	0.07	0.2	0.01	2.2	<0.1	<0.05	5	<0.5	<0.2
1030538	Soil	6	46	2.12	246	0.207	<1	3.10	0.117	0.18	<0.1	<0.01	6.9	<0.1	<0.05	10	<0.5	<0.2
1030530	Soil	8	25	0.51	331	0.045	1	1.70	0.018	0.09	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1030525	Soil	9	31	0.58	297	0.044	1	1.89	0.014	0.04	0.1	<0.01	2.7	0.1	<0.05	5	<0.5	<0.2
1030549	Soil	8	23	1.07	451	0.132	1	2.49	0.038	0.37	<0.1	0.02	11.7	0.1	<0.05	9	<0.5	<0.2
1030526	Soil	9	34	0.68	275	0.071	2	2.11	0.018	0.08	0.1	0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1030548	Soil	8	29	0.78	380	0.107	1	1.81	0.020	0.18	<0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1030527	Soil	37	359	4.87	1179	0.411	<1	3.65	0.020	0.50	0.5	0.01	16.5	0.4	<0.05	13	<0.5	<0.2
1030547	Soil	6	20	1.20	323	0.196	1	2.15	0.026	0.51	0.2	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1030546	Soil	8	40	1.10	293	0.143	<1	2.05	0.017	0.20	0.1	0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1030545	Soil	21	18	1.15	335	0.183	<1	2.40	0.046	1.08	<0.1	<0.01	8.1	0.2	<0.05	9	<0.5	<0.2
1030540	Soil	13	39	1.12	236	0.125	1	2.39	0.027	0.30	0.1	0.01	5.9	0.1	<0.05	8	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000476.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1030536	Soil	0.7	74.9	2.8	100	<0.1	19.3	26.2	895	6.03	4.6	0.1	<0.5	0.6	31	0.1	0.2	<0.1	165	0.86	0.297
1030542	Soil	1.5	134.3	6.5	52	<0.1	50.3	20.3	327	3.80	8.2	0.5	1.6	3.2	19	<0.1	0.4	0.1	93	0.24	0.037
1030543	Soil	0.9	444.9	23.9	274	0.2	12.6	9.3	450	7.14	5.1	0.4	0.8	1.4	25	0.5	0.3	0.4	164	0.19	0.116
1011517	Soil	0.9	53.0	3.2	61	<0.1	11.6	14.7	401	4.58	3.5	0.6	<0.5	4.9	27	<0.1	0.3	0.2	126	0.52	0.139
1011515	Soil	2.0	48.6	3.5	115	<0.1	11.9	12.3	857	5.50	2.9	0.3	<0.5	1.6	31	<0.1	0.2	0.9	57	0.55	0.184
1027744	Soil	0.7	64.4	6.8	103	0.1	24.4	22.5	671	4.70	5.9	0.3	<0.5	2.4	50	0.2	0.3	0.1	120	0.83	0.090
1011516	Soil	1.0	58.7	4.2	72	<0.1	15.8	17.1	483	4.98	4.9	0.6	<0.5	5.2	34	<0.1	0.3	0.2	132	0.58	0.140
1011514	Soil	1.1	21.2	8.4	78	0.1	25.3	12.7	406	3.66	11.3	0.4	0.5	2.9	22	<0.1	0.6	0.2	86	0.25	0.032
1011513	Soil	0.7	64.5	5.8	70	<0.1	26.5	18.1	432	3.72	7.7	0.4	1.8	3.0	28	<0.1	0.4	0.2	99	0.42	0.041
1011526	Soil	1.1	18.5	6.5	64	<0.1	12.7	9.3	714	4.96	4.9	0.9	0.5	3.7	22	<0.1	0.8	0.1	50	0.24	0.037
1027743	Soil	1.3	15.4	7.5	77	<0.1	17.9	11.7	668	3.99	8.1	0.4	<0.5	2.5	31	0.1	0.5	1.3	71	0.36	0.065
1011525	Soil	1.0	10.4	5.1	62	<0.1	8.0	6.9	973	3.85	4.3	0.3	<0.5	2.0	9	<0.1	0.3	<0.1	56	0.18	0.090
1011527	Soil	0.6	10.0	4.5	68	<0.1	12.5	10.6	440	3.67	5.0	0.4	<0.5	1.6	21	0.1	0.2	0.9	56	0.41	0.073
1011524	Soil	1.3	16.0	8.6	62	0.1	15.5	8.7	339	3.99	9.8	0.4	<0.5	2.3	18	0.1	0.5	0.2	85	0.21	0.071
1011528	Soil	0.9	28.8	7.3	61	<0.1	25.7	11.3	332	3.29	9.3	0.5	6.8	3.7	24	0.1	0.6	0.1	74	0.30	0.035
1011549	Soil	0.6	43.3	5.2	100	<0.1	21.0	23.4	574	5.04	6.8	1.1	1.1	5.5	42	<0.1	0.5	0.1	92	0.45	0.039
1011539	Soil	0.9	21.9	6.4	122	<0.1	18.7	19.2	1209	3.97	3.9	0.4	1.9	2.4	61	0.4	0.3	0.1	84	0.68	0.203
1011548	Soil	0.6	24.9	5.8	62	<0.1	20.0	14.7	383	3.57	8.5	0.7	0.5	4.4	49	<0.1	0.6	<0.1	77	0.46	0.037
1011547	Soil	0.6	29.0	5.7	68	<0.1	18.3	16.6	389	3.92	8.0	0.4	0.7	4.1	31	<0.1	0.4	0.1	92	0.38	0.041
1011546	Soil	1.1	25.8	6.2	66	<0.1	19.0	16.2	703	3.79	7.0	0.5	<0.5	3.9	24	<0.1	0.5	0.1	75	0.25	0.062
1011545	Soil	0.4	49.6	4.3	72	<0.1	19.0	19.8	493	3.87	3.6	1.8	3.4	4.5	39	<0.1	0.4	0.2	89	0.51	0.041
1011542	Soil	0.5	36.2	5.0	104	<0.1	19.1	21.3	627	5.17	4.2	1.2	2.3	15.0	28	<0.1	0.3	0.1	129	0.33	0.036
1011544	Soil	0.5	34.8	3.6	71	<0.1	17.9	23.2	617	4.33	2.5	0.4	0.8	4.1	36	<0.1	0.2	0.1	107	0.44	0.036
1011550	Soil	0.5	22.4	3.9	76	<0.1	18.8	21.9	571	4.01	4.2	0.4	1.4	6.8	31	<0.1	0.4	0.1	69	0.35	0.028
1011543	Soil	0.7	25.2	5.1	81	<0.1	15.4	20.7	594	4.76	3.5	0.8	2.0	5.4	42	<0.1	0.3	0.2	104	0.50	0.025
1011540	Soil	0.7	18.6	4.4	87	<0.1	12.6	13.4	712	3.32	3.3	0.5	1.9	7.8	20	<0.1	0.2	0.1	86	0.32	0.076
1011541	Soil	0.8	27.6	6.2	73	<0.1	16.7	13.2	346	3.31	6.4	0.6	0.8	7.9	21	<0.1	0.4	0.1	85	0.31	0.047
1011535	Soil	0.5	32.9	3.5	111	<0.1	12.9	22.4	1213	4.63	2.7	0.2	1.6	2.6	33	0.2	0.2	<0.1	113	0.57	0.136
1011532	Soil	0.4	33.4	7.1	56	<0.1	16.1	16.0	490	3.89	0.7	0.8	<0.5	7.0	16	<0.1	0.4	<0.1	60	0.26	0.031
1011529	Soil	0.6	34.7	16.9	58	<0.1	23.1	10.2	358	2.48	6.3	1.2	3.5	8.8	41	<0.1	0.5	0.3	61	0.37	0.020

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1030536	Soil	1	21	2.14	493	0.295	<1	3.28	0.037	0.87	<0.1	0.01	4.7	0.2	<0.05	9	<0.5	<0.2
1030542	Soil	7	90	1.22	195	0.119	<1	2.35	0.019	0.19	0.1	0.01	5.9	<0.1	<0.05	7	<0.5	<0.2
1030543	Soil	7	22	1.14	502	0.195	<1	3.38	0.035	1.00	<0.1	0.01	8.3	0.3	0.54	11	<0.5	<0.2
1011517	Soil	12	24	1.31	196	0.152	<1	2.28	0.038	0.45	1.7	<0.01	5.9	0.3	<0.05	8	<0.5	<0.2
1011515	Soil	4	20	1.30	392	0.232	<1	3.33	0.016	0.91	0.9	<0.01	5.5	0.2	<0.05	11	<0.5	<0.2
1027744	Soil	5	38	1.64	389	0.236	<1	3.71	0.030	0.42	0.2	0.01	5.0	0.1	<0.05	10	<0.5	<0.2
1011516	Soil	13	30	1.54	240	0.170	<1	2.71	0.040	0.46	1.8	0.01	6.4	0.3	<0.05	9	<0.5	<0.2
1011514	Soil	8	36	0.75	261	0.120	2	2.64	0.015	0.12	0.8	0.02	3.9	<0.1	<0.05	8	<0.5	<0.2
1011513	Soil	9	37	1.33	232	0.207	1	2.59	0.029	0.36	0.9	0.01	3.7	0.4	<0.05	7	<0.5	<0.2
1011526	Soil	20	21	0.58	338	0.010	<1	2.81	0.013	0.12	0.4	0.02	10.1	<0.1	<0.05	10	<0.5	<0.2
1027743	Soil	8	30	0.73	290	0.098	1	2.62	0.019	0.18	1.3	0.01	5.3	0.1	<0.05	9	<0.5	<0.2
1011525	Soil	6	12	0.57	209	0.092	<1	1.62	0.015	0.13	0.1	0.01	8.2	<0.1	<0.05	9	<0.5	<0.2
1011527	Soil	5	16	0.62	285	0.137	<1	2.20	0.028	0.35	0.2	<0.01	4.4	<0.1	<0.05	8	<0.5	<0.2
1011524	Soil	8	32	0.58	194	0.100	<1	2.39	0.016	0.08	0.1	0.02	3.9	<0.1	<0.05	9	<0.5	<0.2
1011528	Soil	10	38	0.70	249	0.100	1	2.43	0.016	0.08	0.1	0.02	4.5	<0.1	<0.05	7	<0.5	<0.2
1011549	Soil	19	39	1.58	259	0.169	<1	3.20	0.016	0.29	<0.1	0.03	7.2	0.1	<0.05	8	<0.5	<0.2
1011539	Soil	6	36	1.34	341	0.141	<1	2.48	0.018	0.14	<0.1	0.02	3.3	<0.1	<0.05	8	<0.5	<0.2
1011548	Soil	17	36	1.10	254	0.141	<1	2.32	0.016	0.32	<0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1011547	Soil	14	34	1.19	309	0.210	<1	2.77	0.026	0.43	<0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1011546	Soil	8	30	0.99	279	0.074	<1	2.49	0.013	0.11	0.1	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1011545	Soil	16	29	1.44	416	0.256	1	2.50	0.018	0.49	<0.1	0.03	7.6	0.1	<0.05	7	<0.5	<0.2
1011542	Soil	32	42	1.82	143	0.151	<1	3.05	0.018	0.06	<0.1	<0.01	11.4	<0.1	<0.05	12	<0.5	<0.2
1011544	Soil	9	35	1.66	319	0.206	<1	2.86	0.017	0.28	<0.1	<0.01	4.6	<0.1	<0.05	8	<0.5	<0.2
1011550	Soil	17	32	1.75	209	0.183	<1	2.80	0.007	0.12	<0.1	0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1011543	Soil	11	28	1.53	286	0.137	<1	3.23	0.010	0.28	<0.1	0.02	5.4	0.1	<0.05	10	<0.5	<0.2
1011540	Soil	8	24	0.95	204	0.061	1	1.87	0.016	0.06	<0.1	<0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
1011541	Soil	14	32	0.91	160	0.147	<1	2.26	0.022	0.14	<0.1	0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1011535	Soil	4	20	1.73	535	0.294	<1	2.83	0.012	0.76	<0.1	<0.01	2.6	0.2	<0.05	9	<0.5	<0.2
1011532	Soil	25	26	1.34	305	0.032	<1	2.63	0.007	0.26	<0.1	<0.01	5.7	0.1	<0.05	6	<0.5	<0.2
1011529	Soil	21	35	0.64	165	0.131	<1	2.04	0.014	0.07	0.2	0.02	5.0	0.1	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011531	Soil	0.7	33.1	3.7	78	<0.1	22.0	18.8	790	3.69	2.6	0.2	0.9	3.7	20	<0.1	0.1	<0.1	87	0.44	0.109
1011537	Soil	0.5	26.8	6.2	114	<0.1	32.6	16.2	694	3.67	3.4	0.9	1.4	10.1	27	0.1	0.2	0.1	81	0.37	0.072
1011536	Soil	0.6	28.5	4.0	101	<0.1	11.7	19.2	704	4.17	2.4	0.2	<0.5	1.9	26	0.2	0.1	0.1	115	0.68	0.123
1011534	Soil	0.6	28.5	3.7	114	<0.1	42.6	24.9	898	4.24	2.3	0.4	<0.5	1.9	47	0.1	0.2	0.2	109	0.82	0.111
1011538	Soil	0.6	20.7	6.1	106	<0.1	18.2	21.9	1166	5.53	5.2	1.0	2.1	6.3	25	0.1	0.3	0.4	136	0.50	0.128
1011609	Soil	0.6	62.5	3.5	76	<0.1	24.1	23.5	648	4.21	1.8	0.3	1.0	3.2	29	<0.1	0.3	<0.1	106	0.49	0.077
1011608	Soil	0.8	65.0	4.4	83	<0.1	25.3	23.7	721	4.20	2.6	0.4	1.2	3.1	30	<0.1	0.3	<0.1	104	0.51	0.090
1011530	Soil	0.9	85.8	7.3	91	<0.1	23.4	19.1	523	3.97	8.6	0.5	1.8	3.6	32	<0.1	0.5	0.1	94	0.34	0.045
1011533	Soil	0.4	31.5	4.5	76	<0.1	24.3	23.2	714	4.34	1.8	0.4	<0.5	4.2	44	<0.1	0.2	<0.1	105	0.63	0.050
1026999	Soil	2.5	62.2	5.2	59	0.1	29.9	18.7	411	3.21	4.7	0.6	4.9	2.5	33	<0.1	0.3	0.1	77	0.46	0.064
1012988	Soil	0.8	30.8	8.5	66	<0.1	35.9	18.6	483	3.22	4.6	0.6	1.9	2.3	36	0.1	0.4	0.2	75	0.57	0.051
1012989	Soil	1.6	29.1	10.4	59	0.1	25.7	14.0	413	3.02	6.5	0.6	2.3	2.6	30	<0.1	0.3	0.3	76	0.49	0.039
1012990	Soil	3.5	40.7	10.3	63	0.2	30.1	18.1	381	2.97	6.9	1.3	3.4	3.0	32	<0.1	0.4	0.2	74	0.53	0.055
1012991	Soil	2.4	23.5	7.7	49	0.1	21.0	14.2	377	2.49	6.0	0.8	2.9	2.5	34	<0.1	0.3	0.2	61	0.63	0.065
1028505	Soil	0.5	27.7	4.0	141	<0.1	22.0	27.2	885	6.05	1.3	0.3	1.2	5.6	24	<0.1	<0.1	<0.1	68	0.51	0.170
1028504	Soil	0.4	27.6	3.9	138	<0.1	21.7	26.3	875	5.91	1.3	0.4	1.2	5.6	26	<0.1	<0.1	<0.1	66	0.56	0.191
1012983	Soil	0.9	36.6	7.3	67	<0.1	24.4	13.5	468	3.27	7.6	0.9	6.4	4.1	29	0.1	0.4	0.1	68	0.32	0.070
1012981	Soil	0.9	23.8	7.6	59	<0.1	24.4	12.3	362	2.73	7.1	0.6	5.5	3.1	21	<0.1	0.5	0.1	61	0.27	0.062
1012979	Soil	2.3	15.6	16.7	61	<0.1	28.6	12.3	346	3.57	6.8	0.8	3.7	3.6	14	0.2	0.5	0.4	75	0.15	0.041
1012995	Soil	1.0	22.3	8.3	68	<0.1	20.5	13.1	393	3.27	5.8	0.5	1.8	2.8	28	<0.1	0.3	0.1	73	0.31	0.045
1028503	Soil	0.8	26.2	6.8	65	<0.1	20.6	10.9	317	2.70	5.1	0.8	2.4	3.8	28	<0.1	0.3	0.2	57	0.41	0.080
1027000	Soil	1.0	35.8	6.9	53	<0.1	24.4	12.8	297	2.85	6.4	0.6	5.5	2.2	24	0.1	0.4	0.2	71	0.28	0.044
1012992	Soil	0.7	25.9	9.6	54	0.1	21.3	12.0	307	2.40	4.3	0.8	3.5	3.0	28	<0.1	0.4	0.2	62	0.42	0.051
1012980	Soil	0.8	29.0	6.4	58	<0.1	31.1	19.5	412	3.90	5.0	0.3	7.1	1.2	18	<0.1	0.3	<0.1	90	0.34	0.079
1012987	Soil	1.1	32.0	7.4	58	<0.1	27.1	14.8	361	2.88	5.7	0.5	2.5	2.8	23	0.1	0.3	0.1	73	0.29	0.043
1026998	Soil	1.7	49.1	7.4	58	0.1	24.0	14.3	443	2.51	4.1	0.7	3.1	2.7	38	0.1	0.4	0.4	58	0.56	0.084
1012993	Soil	0.7	25.2	8.9	53	0.1	20.7	10.6	276	2.25	3.4	0.8	3.1	2.7	26	<0.1	0.3	0.2	52	0.38	0.050
1012986	Soil	0.6	41.0	6.3	61	<0.1	27.7	15.7	490	2.99	4.7	0.6	2.0	3.5	35	0.1	0.4	0.1	65	0.42	0.063
1012994	Soil	0.7	21.8	7.8	64	<0.1	21.0	12.1	332	2.66	5.3	0.5	2.6	2.9	25	<0.1	0.3	0.2	57	0.30	0.059
1012982	Soil	1.0	29.3	6.2	85	<0.1	24.4	17.1	487	3.72	4.8	0.4	2.3	3.0	21	0.2	0.3	0.2	71	0.27	0.066

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000476.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011531	Soil	6	39	1.74	208	0.266	<1	2.64	0.018	0.54	<0.1	<0.01	2.1	0.2	<0.05	8	<0.5	<0.2
1011537	Soil	21	62	1.60	425	0.275	1	2.82	0.016	0.83	0.6	<0.01	7.3	0.5	<0.05	11	<0.5	<0.2
1011536	Soil	5	19	1.41	397	0.243	<1	2.76	0.035	0.58	1.6	<0.01	5.3	0.2	<0.05	8	<0.5	<0.2
1011534	Soil	5	172	1.86	186	0.133	<1	2.94	0.020	0.05	<0.1	<0.01	7.1	<0.1	<0.05	8	<0.5	<0.2
1011538	Soil	12	29	1.88	391	0.207	2	3.23	0.015	0.46	0.9	<0.01	11.2	0.2	<0.05	12	<0.5	<0.2
1011609	Soil	4	46	1.90	340	0.243	<1	2.88	0.015	0.75	0.1	<0.01	3.6	0.2	<0.05	7	<0.5	<0.2
1011608	Soil	5	47	1.91	328	0.248	<1	2.94	0.016	0.66	<0.1	<0.01	3.4	0.2	<0.05	8	<0.5	<0.2
1011530	Soil	7	43	1.17	254	0.067	1	2.92	0.009	0.06	<0.1	0.02	4.5	<0.1	<0.05	8	<0.5	<0.2
1011533	Soil	11	48	2.07	147	0.211	1	3.18	0.017	0.27	0.1	<0.01	5.4	<0.1	<0.05	9	<0.5	<0.2
1026999	Soil	11	51	1.06	207	0.111	<1	2.03	0.017	0.08	0.2	0.02	5.8	<0.1	<0.05	5	<0.5	<0.2
1012988	Soil	8	61	1.40	303	0.145	1	2.06	0.021	0.24	0.3	0.01	5.0	0.3	<0.05	6	<0.5	<0.2
1012989	Soil	9	45	0.95	248	0.118	1	2.01	0.016	0.08	0.5	0.02	3.9	0.1	<0.05	6	<0.5	<0.2
1012990	Soil	14	49	0.92	297	0.100	1	2.12	0.018	0.07	0.3	0.04	4.9	0.2	<0.05	6	0.6	<0.2
1012991	Soil	9	34	0.73	201	0.089	1	1.63	0.019	0.05	0.3	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1028505	Soil	6	36	1.98	257	0.351	<1	3.51	0.012	1.79	0.2	<0.01	1.5	0.7	<0.05	9	<0.5	<0.2
1028504	Soil	6	35	1.99	258	0.346	<1	3.52	0.013	1.81	0.2	<0.01	1.5	0.7	<0.05	9	<0.5	<0.2
1012983	Soil	13	40	0.76	388	0.121	1	2.05	0.013	0.15	0.1	0.03	5.3	0.1	<0.05	6	<0.5	<0.2
1012981	Soil	11	32	0.66	188	0.105	1	1.96	0.012	0.10	0.1	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1012979	Soil	16	46	0.55	248	0.052	<1	2.21	0.007	0.06	0.2	0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1012995	Soil	8	36	0.91	209	0.170	1	2.20	0.011	0.20	0.1	<0.01	2.6	0.2	<0.05	7	<0.5	<0.2
1028503	Soil	13	32	0.73	213	0.142	1	1.80	0.013	0.18	0.1	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1027000	Soil	10	41	0.76	183	0.105	1	1.96	0.014	0.10	0.2	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1012992	Soil	11	37	0.72	221	0.103	<1	1.82	0.018	0.06	0.2	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1012980	Soil	6	45	1.26	177	0.106	1	2.33	0.019	0.12	0.1	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1012987	Soil	9	47	0.87	172	0.120	2	2.11	0.014	0.08	0.2	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1026998	Soil	11	35	0.76	226	0.063	2	1.69	0.017	0.05	0.4	0.02	4.4	<0.1	<0.05	4	<0.5	<0.2
1012993	Soil	11	32	0.65	248	0.076	1	1.72	0.014	0.05	0.2	0.04	3.3	<0.1	<0.05	5	<0.5	<0.2
1012986	Soil	14	51	1.02	255	0.085	2	1.86	0.014	0.08	0.2	0.01	5.0	<0.1	<0.05	5	<0.5	<0.2
1012994	Soil	8	31	0.70	244	0.097	1	1.89	0.012	0.08	0.1	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1012982	Soil	9	38	1.10	237	0.158	1	2.30	0.009	0.36	0.2	0.01	2.8	0.2	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012985	Soil	1.2	67.6	8.9	56	0.2	21.1	10.3	291	2.91	6.4	0.9	4.4	1.2	26	0.1	0.4	0.2	72	0.35	0.045
1012978	Soil	0.8	31.0	6.4	65	<0.1	28.2	17.0	483	3.47	6.4	0.5	2.5	3.1	25	0.2	0.4	0.1	65	0.33	0.076
1012984	Soil	0.8	31.9	7.0	68	<0.1	24.5	13.3	410	3.20	6.9	0.6	0.8	4.0	25	0.1	0.4	0.2	72	0.28	0.071
1012998	Soil	0.5	23.8	8.4	120	<0.1	21.8	19.9	632	4.66	1.6	0.3	<0.5	4.4	40	0.1	<0.1	0.1	56	0.29	0.045
1012996	Soil	0.7	26.5	7.0	95	<0.1	24.2	19.2	603	4.31	2.8	0.4	2.1	3.5	28	<0.1	0.2	<0.1	59	0.30	0.063
1028501	Soil	0.6	23.2	6.3	100	<0.1	30.8	19.1	613	4.83	4.4	0.4	0.9	5.6	35	<0.1	0.3	<0.1	74	0.23	0.046
1028502	Soil	0.6	59.4	6.1	67	<0.1	18.2	18.7	343	3.05	3.7	0.5	2.2	2.9	48	<0.1	0.2	<0.1	79	0.46	0.063
1013000	Soil	0.7	24.1	2.5	106	<0.1	82.0	20.7	391	4.31	1.4	0.1	<0.5	0.6	18	<0.1	<0.1	<0.1	65	0.27	0.045
1012999	Soil	0.5	27.5	4.4	90	<0.1	19.6	17.5	574	4.11	2.4	0.4	<0.5	4.2	57	<0.1	0.1	0.1	57	0.61	0.103
1012997	Soil	0.5	32.6	6.4	126	<0.1	20.6	24.0	907	5.62	1.7	0.3	1.0	4.8	33	0.2	0.1	<0.1	62	0.42	0.133
1012970	Soil	<0.1	31.7	1.6	69	<0.1	6.1	17.9	617	3.81	<0.5	0.2	0.6	2.3	30	<0.1	<0.1	<0.1	94	0.68	0.141
1012965	Soil	1.0	42.8	8.1	62	<0.1	25.9	11.1	375	3.03	8.1	0.9	3.4	5.3	29	<0.1	0.5	0.2	72	0.32	0.025
1012963	Soil	1.3	13.8	7.7	76	0.1	17.8	11.8	634	3.15	6.3	0.3	1.0	2.1	15	0.1	0.4	0.4	68	0.16	0.034
1012958	Soil	1.0	44.1	7.8	74	<0.1	28.7	16.1	557	3.53	7.9	0.8	4.1	4.3	30	<0.1	0.5	0.2	77	0.40	0.042
1012968	Soil	0.4	46.7	2.4	106	<0.1	9.6	25.5	655	4.55	2.4	0.4	<0.5	3.1	68	<0.1	<0.1	0.6	101	0.84	0.115
1012966	Soil	0.7	33.0	8.2	63	<0.1	37.3	14.0	305	3.55	7.9	0.5	1.3	5.8	32	<0.1	0.4	0.2	84	0.30	0.028
1012967	Soil	0.2	47.9	2.0	77	<0.1	8.7	19.5	627	4.58	1.6	0.3	<0.5	1.8	42	<0.1	<0.1	<0.1	113	1.01	0.139
1012971	Soil	0.2	37.3	2.7	72	<0.1	14.0	20.7	775	4.70	1.5	0.8	<0.5	7.4	40	<0.1	<0.1	<0.1	112	1.09	0.107
1012973	Soil	0.3	15.2	24.5	65	<0.1	16.5	10.7	389	2.60	1.7	1.2	0.6	9.4	31	<0.1	0.1	2.1	52	0.29	0.039
1012972	Soil	0.2	79.6	2.1	76	<0.1	21.1	23.0	680	3.75	1.2	0.2	<0.5	2.7	16	<0.1	<0.1	0.2	85	0.47	0.094
1012964	Soil	1.0	45.9	7.9	73	<0.1	30.5	13.1	456	3.55	9.4	1.0	4.9	5.0	33	<0.1	0.5	0.2	83	0.41	0.033
1012974	Soil	0.9	38.9	7.7	70	<0.1	21.8	18.0	643	3.51	6.3	0.7	1.5	4.1	31	0.1	0.3	0.6	79	0.36	0.074
1012969	Soil	0.1	34.9	1.8	74	<0.1	6.6	19.5	677	4.09	0.9	0.3	0.5	2.6	34	<0.1	<0.1	<0.1	108	0.73	0.138
1012955	Soil	0.9	24.6	9.1	55	<0.1	21.6	10.0	313	2.93	8.3	0.8	4.7	4.1	23	<0.1	0.4	0.2	70	0.23	0.034
1012960	Soil	2.7	31.9	4.6	128	<0.1	8.8	11.5	975	8.13	3.5	1.2	<0.5	1.9	18	<0.1	0.4	0.2	41	0.19	0.057
1012961	Soil	1.2	40.2	8.5	91	<0.1	44.3	22.4	532	4.39	6.1	0.5	1.8	3.5	36	0.2	0.3	0.2	89	0.53	0.050
1012959	Soil	5.6	608.4	8.4	374	<0.1	17.7	70.7	2138	12.87	5.2	1.1	<0.5	1.6	27	0.5	0.2	0.8	173	0.78	0.308
1012957	Soil	1.1	27.5	8.5	63	<0.1	26.5	12.4	278	3.59	7.8	0.5	3.7	4.4	23	0.1	0.4	0.2	79	0.23	0.024
1012954	Soil	0.8	33.7	9.6	54	<0.1	25.7	10.9	495	2.75	7.2	1.1	2.2	6.4	35	<0.1	0.5	0.2	61	0.36	0.043
1012956	Soil	1.0	23.7	7.8	58	<0.1	24.9	11.8	318	3.20	8.2	0.5	2.0	3.2	22	<0.1	0.4	0.2	74	0.23	0.026

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012985	Soil	21	42	0.61	292	0.057	1	1.98	0.011	0.09	0.1	0.04	5.2	<0.1	<0.05	7	<0.5	<0.2
1012978	Soil	12	45	0.88	255	0.087	2	2.60	0.012	0.11	0.2	0.02	3.6	<0.1	<0.05	5	<0.5	<0.2
1012984	Soil	12	38	0.77	356	0.103	2	2.08	0.012	0.13	0.4	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1012998	Soil	8	32	1.51	252	0.236	1	3.08	0.010	0.70	0.3	<0.01	1.9	0.4	<0.05	8	<0.5	<0.2
1012996	Soil	8	43	1.33	260	0.220	2	2.71	0.011	0.69	0.2	<0.01	2.1	0.4	<0.05	8	<0.5	<0.2
1028501	Soil	10	50	1.47	217	0.300	<1	3.38	0.010	0.47	0.2	<0.01	2.0	0.3	<0.05	9	<0.5	<0.2
1028502	Soil	9	21	1.00	329	0.149	2	1.92	0.030	0.27	0.1	<0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1013000	Soil	2	256	1.89	161	0.259	<1	2.85	0.015	0.58	0.2	<0.01	1.3	0.3	<0.05	8	<0.5	<0.2
1012999	Soil	15	31	1.35	333	0.223	<1	2.66	0.012	0.80	0.2	<0.01	2.4	0.4	<0.05	7	<0.5	<0.2
1012997	Soil	7	35	1.74	206	0.252	<1	3.14	0.011	1.01	0.2	<0.01	1.5	0.5	<0.05	9	0.5	<0.2
1012970	Soil	6	13	1.17	301	0.179	<1	2.54	0.027	0.81	<0.1	<0.01	3.8	0.1	<0.05	8	<0.5	<0.2
1012965	Soil	19	42	0.69	283	0.089	<1	2.14	0.016	0.05	0.2	0.03	6.6	<0.1	<0.05	6	0.6	<0.2
1012963	Soil	7	29	0.48	254	0.049	<1	2.07	0.011	0.07	0.1	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1012958	Soil	18	44	0.69	334	0.092	1	1.97	0.020	0.06	0.2	0.04	8.6	<0.1	<0.05	6	0.8	<0.2
1012968	Soil	8	20	1.36	147	0.158	<1	3.16	0.024	0.10	1.0	<0.01	4.4	<0.1	<0.05	10	<0.5	<0.2
1012966	Soil	12	64	1.00	217	0.101	<1	2.72	0.013	0.05	0.1	0.01	4.9	<0.1	<0.05	7	<0.5	<0.2
1012967	Soil	4	16	1.18	184	0.173	<1	2.97	0.051	0.40	0.6	<0.01	7.0	<0.1	<0.05	10	<0.5	<0.2
1012971	Soil	14	35	1.32	141	0.157	<1	2.89	0.084	0.10	0.2	<0.01	9.7	<0.1	<0.05	11	<0.5	<0.2
1012973	Soil	11	25	0.74	163	0.128	<1	2.67	0.018	0.27	0.4	<0.01	3.0	0.3	<0.05	8	<0.5	<0.2
1012972	Soil	4	40	1.50	171	0.221	<1	2.85	0.020	0.54	0.2	<0.01	2.3	0.2	<0.05	8	<0.5	<0.2
1012964	Soil	19	47	0.78	306	0.126	<1	2.18	0.025	0.07	0.1	0.04	8.3	<0.1	<0.05	6	<0.5	<0.2
1012974	Soil	14	48	0.99	164	0.129	<1	2.67	0.016	0.07	0.4	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1012969	Soil	7	15	1.30	326	0.229	<1	2.87	0.032	0.86	<0.1	<0.01	4.1	0.1	<0.05	9	<0.5	<0.2
1012955	Soil	14	40	0.52	210	0.083	1	1.94	0.012	0.05	0.1	0.03	4.9	<0.1	<0.05	6	0.6	<0.2
1012960	Soil	10	13	0.51	293	0.012	<1	2.02	0.007	0.12	0.5	0.01	10.1	0.1	<0.05	8	0.6	<0.2
1012961	Soil	8	109	1.63	173	0.133	<1	3.24	0.015	0.06	0.2	0.02	5.7	<0.1	<0.05	10	<0.5	<0.2
1012959	Soil	9	19	3.30	208	0.047	<1	4.32	0.008	0.04	<0.1	0.01	14.6	<0.1	<0.05	20	1.8	<0.2
1012957	Soil	10	44	0.60	290	0.085	1	2.49	0.013	0.05	0.1	0.02	4.7	0.1	<0.05	7	0.5	<0.2
1012954	Soil	17	40	0.56	297	0.076	<1	1.72	0.016	0.05	0.1	0.04	6.5	<0.1	<0.05	5	<0.5	<0.2
1012956	Soil	11	41	0.60	240	0.097	<1	2.26	0.013	0.05	0.1	0.03	4.3	<0.1	<0.05	6	0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000476.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012962	Soil	6.4	24.1	5.5	127	<0.1	4.1	6.7	625	3.94	3.4	0.8	0.9	2.6	11	<0.1	<0.1	<0.1	85	0.25	0.032
1012953	Soil	1.0	24.5	15.7	58	<0.1	24.9	9.8	428	2.77	8.6	1.7	2.4	17.6	20	0.1	0.5	0.6	64	0.19	0.022
1012976	Soil	0.4	20.6	9.5	62	<0.1	18.3	18.4	498	3.39	2.3	0.9	2.0	9.5	146	<0.1	0.2	1.0	76	0.99	0.034
1012975	Soil	0.6	20.8	3.7	72	<0.1	22.5	19.9	590	3.86	3.8	0.3	0.8	4.4	19	<0.1	0.3	0.5	63	0.32	0.043
1012977	Soil	0.4	30.5	2.8	68	<0.1	25.4	22.7	541	4.24	3.4	0.3	<0.5	3.3	19	<0.1	0.1	0.2	101	0.33	0.019
1014531	Soil	0.8	18.1	8.0	57	<0.1	21.7	12.0	361	3.10	7.6	0.5	2.5	3.4	20	0.1	0.4	0.2	60	0.25	0.051
1014523	Soil	2.1	23.9	13.4	96	<0.1	18.1	19.5	766	5.01	7.1	1.3	4.1	4.8	22	<0.1	1.2	0.5	98	0.35	0.108
1014512	Soil	0.5	22.7	6.1	56	<0.1	22.0	13.4	387	3.00	6.5	0.5	1.3	3.0	25	<0.1	0.4	0.1	62	0.32	0.060
1014530	Soil	0.8	19.9	7.0	63	<0.1	22.1	14.0	371	3.54	6.9	0.5	4.1	3.0	22	0.1	0.4	0.2	67	0.28	0.064
1014524	Soil	1.2	23.6	9.8	59	<0.1	18.5	9.9	435	3.04	7.6	1.3	5.0	6.5	21	<0.1	0.5	0.4	62	0.24	0.049
1014511	Soil	1.1	15.8	8.9	58	<0.1	16.7	10.0	316	3.43	9.1	0.5	3.0	3.6	20	<0.1	0.4	0.3	81	0.20	0.027
1014526	Soil	1.1	28.4	9.1	68	<0.1	22.1	14.3	450	3.83	9.8	0.8	4.0	4.1	26	<0.1	0.5	0.2	83	0.22	0.043
1014525	Soil	3.2	23.3	8.1	56	0.2	15.2	11.6	414	3.79	9.0	0.6	<0.5	4.8	20	<0.1	0.4	0.4	74	0.18	0.042
1014545	Soil	3.2	33.4	10.1	59	0.4	20.1	12.9	564	3.19	6.7	0.9	2.7	4.1	33	0.2	0.4	0.7	73	0.41	0.041
1026982	Soil	1.7	18.7	11.7	56	0.4	17.0	8.9	317	3.21	9.0	0.7	4.0	4.2	19	0.1	0.5	0.4	73	0.17	0.032
1021824	Soil	3.1	20.0	9.6	86	<0.1	95.0	27.8	522	4.23	3.3	0.7	<0.5	2.6	36	0.1	0.2	0.7	78	0.79	0.109
1026925	Soil	2.5	25.5	8.9	50	0.1	20.3	10.7	308	2.84	7.0	0.6	3.0	3.9	29	<0.1	0.3	1.0	63	0.33	0.046
1026910	Soil	4.4	28.8	12.0	72	<0.1	27.0	17.4	615	4.41	3.5	1.3	2.6	4.4	39	0.3	0.3	1.2	98	0.70	0.117
1026908	Soil	2.3	20.0	11.1	61	0.8	19.8	13.3	531	3.27	8.7	1.0	4.9	3.9	26	<0.1	0.3	0.5	74	0.29	0.051
1011701	Soil	0.9	18.1	9.3	58	0.2	18.0	10.3	390	2.96	5.7	0.7	4.5	4.6	20	0.1	0.5	0.4	61	0.22	0.043
1014541	Soil	1.5	12.5	8.7	59	0.3	14.1	10.8	461	3.18	9.6	0.5	2.8	2.5	18	0.1	0.4	1.1	81	0.20	0.055
1026980	Soil	1.7	21.2	12.4	64	0.2	19.5	9.7	345	3.26	7.6	0.7	16.1	4.1	28	0.2	0.4	0.5	74	0.35	0.055
1021833	Soil	2.0	12.0	8.1	50	0.1	14.3	7.4	313	3.15	11.9	0.5	4.1	2.1	17	0.1	0.5	0.6	86	0.16	0.037
1026970	Soil	1.7	20.4	10.7	57	0.3	18.1	9.7	332	3.13	8.1	1.2	6.0	6.7	22	<0.1	0.4	0.3	73	0.27	0.033
1026981	Soil	1.6	16.1	9.4	56	0.2	18.7	9.0	298	3.04	9.8	0.7	21.2	3.4	23	<0.1	0.5	0.5	70	0.27	0.045

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Project: PED
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012962	Soil	9	5	1.49	185	0.063	<1	2.12	0.009	0.18	<0.1	<0.01	7.2	<0.1	<0.05	10	<0.5	<0.2
1012953	Soil	16	39	0.51	233	0.083	1	2.26	0.011	0.06	0.2	0.02	4.6	0.2	<0.05	6	<0.5	<0.2
1012976	Soil	17	33	1.33	105	0.152	<1	2.95	0.015	0.12	1.0	<0.01	3.2	<0.1	<0.05	10	<0.5	<0.2
1012975	Soil	8	38	1.66	140	0.139	<1	2.62	0.013	0.06	1.4	<0.01	2.0	<0.1	<0.05	8	<0.5	<0.2
1012977	Soil	5	43	1.94	236	0.322	<1	3.61	0.018	0.79	0.9	0.01	2.3	0.3	<0.05	9	0.5	<0.2
1014531	Soil	9	32	0.70	182	0.097	2	2.08	0.012	0.11	0.2	0.02	2.5	0.1	<0.05	6	0.6	<0.2
1014523	Soil	12	28	1.29	247	0.181	1	2.97	0.012	0.80	0.7	0.02	6.3	0.9	<0.05	9	0.5	<0.2
1014512	Soil	9	33	0.86	276	0.112	<1	1.98	0.022	0.15	0.2	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1014530	Soil	9	35	0.92	189	0.125	1	2.43	0.013	0.17	0.2	0.02	2.4	0.2	<0.05	7	0.6	<0.2
1014524	Soil	21	36	0.72	237	0.098	2	2.25	0.011	0.13	0.2	0.03	4.0	0.2	<0.05	6	<0.5	<0.2
1014511	Soil	9	36	0.72	162	0.123	2	2.27	0.012	0.08	0.2	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1014526	Soil	11	41	0.86	233	0.111	2	2.63	0.012	0.12	0.2	0.03	3.5	0.2	<0.05	8	<0.5	<0.2
1014525	Soil	11	26	0.67	164	0.099	<1	1.97	0.012	0.12	0.3	0.03	2.3	0.4	<0.05	7	<0.5	<0.2
1014545	Soil	12	35	0.74	278	0.094	2	2.47	0.024	0.06	0.8	0.03	4.0	0.2	<0.05	7	<0.5	<0.2
1026982	Soil	12	32	0.63	199	0.094	2	2.38	0.011	0.06	0.3	0.03	3.1	0.2	<0.05	8	<0.5	<0.2
1021824	Soil	13	109	2.54	357	0.231	1	3.28	0.030	0.75	1.0	0.02	3.7	0.8	<0.05	9	<0.5	<0.2
1026925	Soil	10	30	0.79	203	0.098	2	2.05	0.017	0.07	1.1	0.03	2.8	0.1	<0.05	6	<0.5	<0.2
1026910	Soil	18	44	2.07	334	0.190	<1	3.11	0.038	0.65	1.3	0.02	6.2	0.6	<0.05	10	<0.5	<0.2
1026908	Soil	12	35	0.71	284	0.085	1	2.29	0.014	0.08	0.8	0.04	3.6	0.2	<0.05	8	<0.5	<0.2
1011701	Soil	16	30	0.77	233	0.098	1	1.65	0.013	0.13	0.3	0.02	3.1	0.2	<0.05	6	<0.5	<0.2
1014541	Soil	9	25	0.70	173	0.134	2	1.77	0.011	0.12	0.4	0.02	2.8	0.1	<0.05	8	<0.5	<0.2
1026980	Soil	17	31	0.73	320	0.093	2	2.26	0.014	0.09	0.4	0.03	3.8	0.2	<0.05	8	<0.5	<0.2
1021833	Soil	10	28	0.55	157	0.109	1	1.67	0.011	0.07	0.2	0.03	2.3	0.2	<0.05	8	0.5	<0.2
1026970	Soil	27	33	0.65	295	0.086	2	2.09	0.016	0.07	0.3	0.03	4.2	0.2	<0.05	7	<0.5	<0.2
1026981	Soil	12	33	0.62	216	0.084	2	2.05	0.012	0.07	1.0	0.04	2.9	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000476.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1011738	Soil	0.8	46.4	8.1	59	0.1	23.5	15.3	389	3.57	8.4	0.4	1.0	2.7	28	0.1	0.4	0.2	78	0.31	0.032
REP 1011738	QC	0.8	47.5	8.0	61	0.1	23.0	15.6	390	3.43	8.5	0.4	0.9	2.8	27	0.1	0.4	0.1	81	0.30	0.032
1011711	Soil	0.6	36.7	7.5	82	<0.1	25.9	17.5	599	3.58	7.4	0.5	1.5	5.5	37	0.1	0.5	0.1	72	0.58	0.064
REP 1011711	QC	0.6	36.4	7.5	84	<0.1	27.1	16.6	618	3.59	7.4	0.5	2.9	5.6	37	0.1	0.6	0.1	72	0.59	0.065
1011673	Soil	0.9	17.2	42.2	84	<0.1	23.3	10.8	923	3.05	7.1	8.4	11.5	67.8	25	<0.1	0.5	1.2	62	0.34	0.060
REP 1011673	QC	0.9	18.0	39.9	84	<0.1	23.1	11.5	924	2.98	7.1	8.6	3.3	66.7	26	<0.1	0.5	1.9	61	0.33	0.064
1020631	Soil	0.9	24.3	7.3	51	<0.1	18.6	9.0	285	2.61	9.2	1.0	2.4	3.9	27	<0.1	0.6	0.1	61	0.33	0.025
REP 1020631	QC	1.0	25.4	7.2	55	<0.1	21.0	10.2	304	2.79	9.8	1.0	3.8	4.0	28	<0.1	0.6	0.1	63	0.35	0.025
1030537	Soil	0.3	102.3	4.0	78	<0.1	8.1	23.5	950	7.19	1.8	0.6	2.2	3.3	34	<0.1	0.2	<0.1	171	3.15	0.341
REP 1030537	QC	0.3	104.4	4.1	80	<0.1	7.9	24.2	949	7.48	2.0	0.6	1.3	3.4	34	<0.1	0.2	<0.1	173	3.15	0.319
1030525	Soil	1.0	14.4	7.4	58	<0.1	19.0	9.4	369	2.44	7.0	0.4	2.5	2.5	34	0.1	0.6	0.1	64	0.43	0.038
REP 1030525	QC	0.9	14.9	7.5	58	<0.1	16.6	9.4	359	2.52	6.7	0.4	1.2	2.5	32	0.1	0.5	0.1	62	0.45	0.039
1011549	Soil	0.6	43.3	5.2	100	<0.1	21.0	23.4	574	5.04	6.8	1.1	1.1	5.5	42	<0.1	0.5	0.1	92	0.45	0.039
REP 1011549	QC	0.6	40.7	5.0	94	<0.1	20.3	22.1	527	4.81	6.3	1.0	0.9	5.2	39	<0.1	0.5	<0.1	88	0.40	0.037
1011535	Soil	0.5	32.9	3.5	111	<0.1	12.9	22.4	1213	4.63	2.7	0.2	1.6	2.6	33	0.2	0.2	<0.1	113	0.57	0.136
REP 1011535	QC	0.6	32.5	3.5	113	<0.1	12.9	22.2	1226	4.58	2.7	0.2	<0.5	2.7	33	0.1	0.2	<0.1	115	0.58	0.146
1027000	Soil	1.0	35.8	6.9	53	<0.1	24.4	12.8	297	2.85	6.4	0.6	5.5	2.2	24	0.1	0.4	0.2	71	0.28	0.044
REP 1027000	QC	1.1	37.6	6.9	55	<0.1	25.3	12.8	306	2.89	6.5	0.6	6.8	2.3	24	0.1	0.4	0.1	71	0.28	0.046
1026998	Soil	1.7	49.1	7.4	58	0.1	24.0	14.3	443	2.51	4.1	0.7	3.1	2.7	38	0.1	0.4	0.4	58	0.56	0.084
REP 1026998	QC	1.7	50.2	7.0	62	0.1	24.2	14.4	447	2.62	3.8	0.8	2.7	2.9	39	0.2	0.3	0.2	59	0.58	0.087
1012964	Soil	1.0	45.9	7.9	73	<0.1	30.5	13.1	456	3.55	9.4	1.0	4.9	5.0	33	<0.1	0.5	0.2	83	0.41	0.033
REP 1012964	QC	1.1	46.4	8.6	73	<0.1	30.0	13.3	460	3.57	9.2	1.0	3.9	5.3	34	<0.1	0.6	0.2	86	0.42	0.032
1014531	Soil	0.8	18.1	8.0	57	<0.1	21.7	12.0	361	3.10	7.6	0.5	2.5	3.4	20	0.1	0.4	0.2	60	0.25	0.051
REP 1014531	QC	0.6	18.0	7.8	57	<0.1	20.5	11.7	351	2.99	7.3	0.6	2.4	3.5	20	<0.1	0.5	0.2	58	0.24	0.052
1021824	Soil	3.1	20.0	9.6	86	<0.1	95.0	27.8	522	4.23	3.3	0.7	<0.5	2.6	36	0.1	0.2	0.7	78	0.79	0.109
REP 1021824	QC	2.9	18.8	9.8	86	<0.1	96.4	26.9	520	4.20	3.5	0.7	2.5	2.5	34	<0.1	0.2	0.7	83	0.79	0.110
Reference Materials																					
STD DS8	Standard	13.2	117.0	140.0	328	1.9	40.6	7.8	650	2.64	28.4	2.9	121.4	7.5	74	2.4	6.2	7.4	43	0.70	0.084

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QUALITY CONTROL REPORT WHI11000476.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1011738	Soil	6	37	1.04	193	0.109	<1	2.48	0.012	0.06	0.2	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
REP 1011738	QC	6	37	1.02	195	0.105	<1	2.45	0.012	0.06	0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1011711	Soil	17	37	1.35	390	0.131	2	2.27	0.020	0.35	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
REP 1011711	QC	17	36	1.29	402	0.130	1	2.24	0.020	0.35	0.1	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1011673	Soil	31	36	0.82	143	0.108	1	1.91	0.014	0.17	0.2	0.02	7.3	0.4	<0.05	7	<0.5	<0.2
REP 1011673	QC	31	37	0.82	140	0.097	<1	1.87	0.014	0.17	0.2	<0.01	7.4	0.4	<0.05	7	<0.5	<0.2
1020631	Soil	14	34	0.55	272	0.068	<1	1.67	0.014	0.06	0.1	0.02	5.1	<0.1	<0.05	5	<0.5	<0.2
REP 1020631	QC	15	35	0.57	286	0.073	<1	1.68	0.015	0.06	0.1	0.02	5.6	<0.1	<0.05	5	<0.5	<0.2
1030537	Soil	14	9	1.15	481	0.018	<1	2.91	0.068	0.13	<0.1	0.02	22.8	<0.1	<0.05	8	0.6	<0.2
REP 1030537	QC	15	9	1.26	504	0.018	<1	2.90	0.066	0.14	<0.1	0.02	24.1	<0.1	<0.05	8	<0.5	<0.2
1030525	Soil	9	31	0.58	297	0.044	1	1.89	0.014	0.04	0.1	<0.01	2.7	0.1	<0.05	5	<0.5	<0.2
REP 1030525	QC	9	30	0.58	296	0.038	<1	1.91	0.016	0.04	0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1011549	Soil	19	39	1.58	259	0.169	<1	3.20	0.016	0.29	<0.1	0.03	7.2	0.1	<0.05	8	<0.5	<0.2
REP 1011549	QC	18	37	1.51	249	0.161	<1	3.13	0.015	0.26	<0.1	0.02	6.8	0.1	<0.05	8	<0.5	<0.2
1011535	Soil	4	20	1.73	535	0.294	<1	2.83	0.012	0.76	<0.1	<0.01	2.6	0.2	<0.05	9	<0.5	<0.2
REP 1011535	QC	5	20	1.73	537	0.303	<1	2.89	0.013	0.79	<0.1	<0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1027000	Soil	10	41	0.76	183	0.105	1	1.96	0.014	0.10	0.2	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
REP 1027000	QC	10	41	0.76	189	0.105	1	2.03	0.014	0.10	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1026998	Soil	11	35	0.76	226	0.063	2	1.69	0.017	0.05	0.4	0.02	4.4	<0.1	<0.05	4	<0.5	<0.2
REP 1026998	QC	11	35	0.77	230	0.058	1	1.74	0.016	0.05	0.5	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1012964	Soil	19	47	0.78	306	0.126	<1	2.18	0.025	0.07	0.1	0.04	8.3	<0.1	<0.05	6	<0.5	<0.2
REP 1012964	QC	19	48	0.81	313	0.127	<1	2.25	0.026	0.07	0.1	0.05	8.4	<0.1	<0.05	7	0.7	<0.2
1014531	Soil	9	32	0.70	182	0.097	2	2.08	0.012	0.11	0.2	0.02	2.5	0.1	<0.05	6	0.6	<0.2
REP 1014531	QC	9	32	0.71	182	0.096	<1	2.15	0.013	0.11	0.2	0.02	2.6	0.1	<0.05	6	0.8	<0.2
1021824	Soil	13	109	2.54	357	0.231	1	3.28	0.030	0.75	1.0	0.02	3.7	0.8	<0.05	9	<0.5	<0.2
REP 1021824	QC	13	106	2.57	384	0.231	<1	3.61	0.032	0.73	1.0	0.01	3.7	0.7	<0.05	10	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	127	0.63	284	0.123	2	0.95	0.100	0.45	3.0	0.21	2.2	5.5	0.17	5	4.8	5.6

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000476.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.9	121.1	138.6	346	1.9	41.4	8.2	670	2.67	29.1	3.0	116.6	8.0	75	2.6	6.9	7.5	46	0.73	0.088
STD DS8	Standard	13.5	110.3	117.0	330	1.9	37.0	7.3	638	2.50	27.7	2.6	112.4	6.5	67	2.5	5.5	6.1	43	0.70	0.085
STD DS8	Standard	14.0	112.2	116.2	332	1.9	38.7	7.8	639	2.53	29.1	2.7	113.4	6.7	71	2.4	5.9	6.1	44	0.73	0.083
STD DS8	Standard	13.9	107.8	135.7	321	1.8	40.0	7.2	637	2.54	26.9	2.9	121.3	7.2	80	2.2	6.1	6.8	43	0.70	0.082
STD DS8	Standard	14.9	110.1	129.6	343	1.9	39.7	8.0	679	2.75	27.9	3.0	117.7	7.3	79	2.3	6.5	6.6	43	0.73	0.079
STD DS8	Standard	14.0	113.8	123.5	345	1.8	38.7	8.0	624	2.55	29.5	2.8	111.4	6.7	74	2.7	6.7	6.5	43	0.72	0.093
STD DS8	Standard	14.3	118.2	123.6	339	1.9	41.0	8.4	694	2.75	30.1	2.8	112.0	7.0	75	2.7	6.7	6.6	45	0.77	0.100
STD DS8	Standard	14.0	109.5	140.5	306	1.8	38.6	7.9	602	2.40	24.7	3.0	103.4	7.3	73	2.3	5.7	6.9	43	0.68	0.080
STD DS8	Standard	13.3	107.2	133.3	304	1.7	37.9	7.7	584	2.37	25.2	3.0	102.3	7.4	68	2.1	5.7	6.9	42	0.65	0.079
STD DS8	Standard	13.3	119.0	122.3	321	1.8	41.0	8.0	633	2.52	25.6	2.6	122.1	6.9	65	2.4	5.7	6.4	44	0.68	0.083
STD DS8	Standard	14.4	120.6	124.4	342	1.9	41.7	8.4	632	2.56	26.8	2.7	119.8	7.3	71	2.2	5.6	6.6	46	0.72	0.085
STD DS8	Standard	12.6	112.8	125.9	328	1.8	37.8	7.8	646	2.58	25.7	2.9	128.9	7.1	64	2.1	5.5	6.4	42	0.67	0.082
STD DS8	Standard	13.3	112.3	124.0	313	1.8	38.9	7.6	626	2.48	26.6	2.8	122.7	7.3	66	2.2	5.7	6.2	42	0.68	0.080
STD DS8	Standard	13.6	115.2	122.7	306	1.7	37.9	7.5	589	2.36	23.8	2.8	111.8	6.5	61	2.1	5.5	6.1	41	0.65	0.077
STD DS8	Standard	13.9	119.5	122.3	313	1.8	39.2	7.9	600	2.42	25.0	2.8	107.1	6.7	64	2.3	5.7	6.0	44	0.67	0.076
STD DS8	Standard	12.8	113.6	131.5	310	1.7	39.4	7.8	615	2.44	26.0	2.9	104.6	7.1	68	2.1	6.1	7.1	43	0.68	0.080
STD DS8	Standard	13.2	111.9	128.3	314	1.8	39.9	7.6	603	2.46	25.9	2.9	110.7	6.9	68	2.1	6.3	7.0	43	0.68	0.081
STD DS8	Standard	13.8	112.8	120.7	323	1.8	37.9	7.5	621	2.47	27.2	2.6	112.9	6.8	68	2.4	5.9	6.8	44	0.69	0.081
STD DS8	Standard	14.3	119.7	124.4	335	2.0	39.0	7.9	649	2.58	28.4	3.0	113.3	7.2	70	2.4	5.9	6.8	45	0.72	0.085
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000476.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	16	128	0.67	305	0.131	2	1.00	0.103	0.46	3.1	0.21	2.1	5.4	0.18	5	4.9	6.2
STD DS8	Standard	14	114	0.63	290	0.113	2	0.92	0.100	0.44	2.8	0.20	2.3	5.3	0.16	5	5.5	5.1
STD DS8	Standard	16	116	0.63	311	0.120	3	0.99	0.103	0.45	3.0	0.19	2.5	5.4	0.14	5	6.4	5.2
STD DS8	Standard	16	123	0.65	308	0.114	3	0.97	0.108	0.45	3.2	0.20	2.0	6.2	0.15	5	5.4	5.4
STD DS8	Standard	15	127	0.65	311	0.120	3	0.86	0.103	0.47	3.4	0.20	2.2	5.9	0.12	5	6.7	5.5
STD DS8	Standard	15	116	0.66	303	0.121	3	1.02	0.118	0.43	3.0	0.19	2.3	5.2	0.15	5	5.6	5.3
STD DS8	Standard	16	121	0.66	304	0.133	1	1.04	0.111	0.47	3.1	0.20	2.5	5.4	0.15	5	5.7	5.2
STD DS8	Standard	15	121	0.61	284	0.126	3	0.93	0.109	0.42	2.9	0.18	2.5	5.2	0.15	4	5.3	4.7
STD DS8	Standard	14	120	0.60	279	0.120	2	0.90	0.107	0.41	2.7	0.20	2.5	5.0	0.15	4	5.3	4.6
STD DS8	Standard	15	120	0.63	263	0.125	3	0.89	0.092	0.41	2.9	0.20	2.1	5.2	0.15	5	5.1	4.8
STD DS8	Standard	16	131	0.62	282	0.133	3	0.93	0.090	0.42	2.9	0.21	2.3	5.4	0.18	5	5.3	5.1
STD DS8	Standard	14	119	0.64	274	0.118	2	0.92	0.088	0.42	3.1	0.21	2.0	5.6	0.15	5	6.0	5.7
STD DS8	Standard	16	117	0.62	281	0.122	3	0.90	0.085	0.42	3.2	0.22	1.9	5.6	0.12	5	5.7	5.1
STD DS8	Standard	14	116	0.59	262	0.122	3	0.89	0.079	0.39	2.6	0.19	2.0	4.9	0.15	5	4.9	4.6
STD DS8	Standard	16	122	0.60	272	0.132	3	0.89	0.086	0.40	3.0	0.19	2.2	5.0	0.14	5	5.0	4.9
STD DS8	Standard	14	120	0.60	272	0.119	3	0.88	0.082	0.41	3.0	0.21	1.9	5.2	0.15	4	5.7	5.1
STD DS8	Standard	14	121	0.62	281	0.124	2	0.90	0.085	0.41	3.1	0.20	1.9	5.1	0.16	5	4.1	5.2
STD DS8	Standard	14	121	0.64	286	0.120	3	0.92	0.089	0.42	3.0	0.22	1.9	5.6	0.13	5	5.3	5.2
STD DS8	Standard	15	129	0.64	297	0.128	3	0.94	0.091	0.42	3.1	0.21	2.0	5.5	0.17	5	5.1	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: July 24, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000480.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-12
P.O. Number
Number of Samples: 320

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	320	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	320	Dry at 60C			WHI
1DX2	320	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Peter Tallman
Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Project: PED
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000480.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023696	Soil		1.0	31.0	28.2	62	<0.1	26.4	11.7	415	2.97	8.0	0.8	3.3	4.8	34	<0.1	0.5	0.1	70	0.42	0.053
1023697	Soil		1.0	19.1	10.7	48	<0.1	20.3	9.2	217	2.81	9.2	0.7	1.7	4.4	15	<0.1	0.4	0.2	59	0.21	0.032
1023688	Soil		0.9	21.4	12.5	53	<0.1	16.5	10.6	356	2.55	4.6	0.6	1.6	3.8	25	<0.1	0.3	<0.1	56	0.32	0.022
1023689	Soil		0.6	21.2	7.5	53	<0.1	18.9	11.0	291	2.56	5.5	0.5	0.9	4.7	16	<0.1	0.3	0.1	56	0.19	0.014
1023690	Soil		1.2	26.5	12.8	50	0.1	19.0	8.9	249	2.91	9.1	0.8	5.8	4.8	15	<0.1	0.4	0.2	65	0.18	0.023
1023691	Soil		1.4	38.9	16.3	57	0.1	22.5	11.2	301	3.12	10.5	0.8	3.4	4.6	14	0.1	0.4	0.2	61	0.19	0.035
1023692	Soil		0.9	22.5	9.3	50	<0.1	24.8	14.8	363	3.37	9.8	0.4	2.5	3.5	15	<0.1	0.3	0.1	69	0.20	0.027
1023693	Soil		1.2	19.3	9.5	56	<0.1	21.8	12.0	280	3.24	10.4	0.5	1.3	3.9	13	<0.1	0.4	0.2	70	0.16	0.026
1023694	Soil		0.5	21.7	6.5	53	<0.1	18.5	9.9	292	2.52	7.5	0.4	3.5	3.1	19	<0.1	0.3	<0.1	57	0.27	0.038
1023695	Soil		0.8	21.6	7.5	59	<0.1	20.9	10.4	200	3.14	10.3	0.6	4.3	4.0	13	<0.1	0.5	0.1	54	0.20	0.049
1023664	Soil		0.8	54.8	7.1	76	<0.1	30.3	18.8	384	3.73	8.5	0.3	3.6	2.1	15	<0.1	0.3	<0.1	83	0.31	0.059
1023665	Soil		0.7	39.4	6.3	56	<0.1	25.2	17.5	417	3.20	6.4	0.4	<0.5	2.7	31	<0.1	0.3	0.1	75	0.44	0.057
1023666	Soil		0.9	36.5	9.8	52	<0.1	26.4	11.6	399	2.88	9.9	1.3	3.2	4.8	22	<0.1	0.5	0.1	61	0.26	0.043
1023667	Soil		0.6	18.8	4.8	55	<0.1	9.4	13.4	493	3.17	4.1	0.2	1.5	0.7	23	<0.1	0.1	<0.1	92	0.42	0.039
1023668	Soil		0.6	35.6	7.6	62	<0.1	18.0	23.4	646	4.46	5.4	0.3	<0.5	1.2	68	0.1	0.2	<0.1	127	0.74	0.078
1023669	Soil		0.3	50.3	5.1	43	<0.1	12.6	16.8	480	3.15	3.0	0.2	1.3	1.0	122	<0.1	<0.1	<0.1	93	1.73	0.042
1023670	Soil		0.5	34.1	5.4	79	<0.1	23.3	18.3	590	4.00	6.2	0.3	5.8	2.7	27	<0.1	0.2	<0.1	77	0.31	0.024
1023671	Soil		1.0	22.4	10.3	65	<0.1	28.7	11.5	353	2.91	11.9	0.4	0.9	3.1	20	<0.1	0.5	0.1	67	0.24	0.042
1023672	Soil		0.4	30.9	4.6	65	<0.1	26.6	16.0	346	2.85	6.3	0.3	2.4	2.2	16	<0.1	0.1	<0.1	60	0.25	0.052
1023673	Soil		0.9	25.8	9.7	55	<0.1	25.4	11.4	251	2.86	10.9	0.4	2.9	3.0	28	<0.1	0.4	0.1	68	0.22	0.026
1023674	Soil		0.3	34.0	5.3	66	<0.1	22.7	15.6	389	2.70	3.5	0.5	3.3	2.5	70	<0.1	0.1	<0.1	57	0.51	0.049
1023675	Soil		1.1	27.3	9.2	61	0.1	23.3	12.5	366	3.08	9.1	0.3	3.5	2.0	23	0.1	0.4	0.1	70	0.22	0.039
1023676	Soil		1.0	41.9	8.4	107	<0.1	7.3	8.6	551	3.88	4.1	0.5	1.8	3.3	23	0.1	0.2	<0.1	28	0.32	0.040
1023677	Soil		1.0	43.2	8.5	172	<0.1	12.2	13.9	773	4.56	15.4	0.4	<0.5	2.5	39	0.3	0.2	<0.1	57	0.44	0.063
1023678	Soil		0.8	16.5	8.6	49	<0.1	11.5	7.0	285	2.54	5.6	0.6	0.9	2.3	81	<0.1	0.2	<0.1	42	1.74	0.039
1023679	Soil		0.9	31.8	9.4	63	<0.1	28.5	10.4	421	3.25	9.1	0.6	2.9	3.8	32	0.1	0.4	<0.1	64	0.43	0.045
1023680	Soil		0.8	31.5	8.0	49	<0.1	24.7	11.0	270	2.81	10.7	0.5	2.3	3.7	18	<0.1	0.4	0.1	67	0.17	0.014
1023681	Soil		0.9	25.4	10.9	57	0.1	19.7	9.8	270	2.93	8.9	0.8	3.5	4.2	15	<0.1	0.4	0.2	70	0.17	0.022
1023682	Soil		0.7	25.2	8.7	55	<0.1	26.2	10.3	289	2.89	10.7	0.4	0.7	3.3	15	<0.1	0.4	<0.1	58	0.14	0.020
1023683	Soil		1.1	19.8	10.3	51	<0.1	20.8	11.3	283	3.04	9.9	0.6	0.5	3.6	11	<0.1	0.4	0.2	67	0.11	0.028

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Project: PED
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000480.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023696	Soil	14	40	0.75	311	0.113	<1	1.71	0.018	0.08	0.1	0.05	5.0	<0.1	<0.05	5	<0.5	<0.2
1023697	Soil	11	32	0.51	377	0.043	2	1.90	0.007	0.05	0.1	0.03	2.4	0.1	<0.05	5	<0.5	<0.2
1023688	Soil	13	27	0.73	178	0.081	<1	1.81	0.008	0.03	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1023689	Soil	12	32	0.80	158	0.069	2	2.04	0.007	0.03	<0.1	0.01	2.6	<0.1	<0.05	5	<0.5	<0.2
1023690	Soil	10	39	0.54	195	0.052	2	2.07	0.007	0.04	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1023691	Soil	11	39	0.60	220	0.057	2	2.20	0.007	0.06	0.2	0.02	3.2	0.1	<0.05	5	<0.5	<0.2
1023692	Soil	8	37	0.76	229	0.074	<1	2.50	0.008	0.06	0.1	0.03	2.5	<0.1	<0.05	6	<0.5	<0.2
1023693	Soil	9	35	0.69	229	0.070	<1	2.33	0.005	0.05	0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1023694	Soil	12	28	0.65	217	0.082	<1	1.52	0.013	0.08	<0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1023695	Soil	10	31	0.56	174	0.055	2	2.31	0.008	0.05	0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1023664	Soil	6	41	1.34	194	0.152	2	3.01	0.011	0.12	<0.1	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1023665	Soil	7	39	1.13	227	0.119	<1	2.43	0.011	0.23	<0.1	0.02	3.0	0.1	<0.05	6	0.7	<0.2
1023666	Soil	14	36	0.56	276	0.049	1	2.03	0.010	0.05	0.1	0.05	5.4	<0.1	<0.05	5	<0.5	<0.2
1023667	Soil	2	15	0.92	286	0.074	<1	2.29	0.023	0.19	<0.1	0.01	5.4	<0.1	<0.05	6	<0.5	<0.2
1023668	Soil	3	29	1.68	420	0.188	1	3.50	0.019	0.65	<0.1	0.02	5.7	0.1	<0.05	9	<0.5	<0.2
1023669	Soil	3	20	1.29	199	0.143	<1	4.13	0.024	0.14	<0.1	<0.01	5.8	<0.1	<0.05	9	<0.5	<0.2
1023670	Soil	6	21	1.38	185	0.172	<1	2.91	0.012	0.05	<0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1023671	Soil	8	38	0.60	282	0.051	<1	2.16	0.008	0.06	<0.1	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1023672	Soil	4	26	1.40	129	0.123	<1	2.60	0.014	0.13	<0.1	0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1023673	Soil	7	36	0.76	188	0.077	2	2.44	0.010	0.08	<0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1023674	Soil	11	23	1.33	177	0.132	<1	2.48	0.018	0.12	<0.1	<0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1023675	Soil	6	34	0.69	192	0.057	<1	2.39	0.007	0.06	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1023676	Soil	5	12	0.49	167	0.070	<1	2.13	0.010	0.11	<0.1	0.01	6.3	<0.1	<0.05	9	<0.5	<0.2
1023677	Soil	6	17	0.82	231	0.064	<1	2.74	0.016	0.07	<0.1	<0.01	8.1	<0.1	<0.05	10	<0.5	<0.2
1023678	Soil	9	19	0.41	228	0.058	<1	3.77	0.020	0.10	<0.1	0.01	5.5	<0.1	<0.05	9	<0.5	<0.2
1023679	Soil	13	38	0.67	311	0.089	1	2.03	0.017	0.07	<0.1	0.05	7.2	<0.1	<0.05	6	<0.5	<0.2
1023680	Soil	9	36	0.59	225	0.065	<1	2.11	0.008	0.06	<0.1	0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1023681	Soil	13	36	0.49	217	0.056	<1	1.98	0.009	0.04	0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1023682	Soil	8	34	0.53	213	0.052	<1	2.30	0.007	0.06	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1023683	Soil	9	34	0.47	194	0.055	<1	2.23	0.008	0.04	0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000480.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023684	Soil	0.4	42.5	8.7	163	<0.1	12.6	19.0	858	6.06	6.6	1.2	<0.5	9.5	100	<0.1	<0.1	<0.1	118	1.61	0.129
1023685	Soil	0.6	32.9	7.4	60	<0.1	19.4	11.9	418	3.23	6.7	0.8	1.3	3.8	54	<0.1	0.3	<0.1	74	1.03	0.044
1023686	Soil	0.8	13.2	7.1	46	<0.1	16.0	9.9	238	2.45	7.4	0.3	0.9	2.5	13	<0.1	0.4	<0.1	57	0.16	0.022
1023687	Soil	0.9	36.4	9.9	60	<0.1	26.3	11.4	439	2.87	9.8	1.7	2.1	5.7	22	<0.1	0.5	0.2	64	0.22	0.021
1013313	Soil	1.0	33.6	12.6	80	<0.1	23.7	12.5	514	3.45	5.6	0.8	4.7	5.6	28	0.1	0.3	0.1	74	0.39	0.053
1013314	Soil	1.7	34.4	11.5	71	<0.1	32.8	12.6	480	3.28	7.0	0.9	3.1	5.6	28	<0.1	0.4	0.1	71	0.39	0.036
1013315	Soil	1.1	21.5	14.1	78	<0.1	7.6	7.1	287	2.50	1.6	0.5	1.2	6.8	30	0.2	0.3	0.3	29	0.51	0.038
1013316	Soil	0.9	37.4	11.5	55	<0.1	8.8	8.7	389	2.97	2.6	0.9	0.9	7.0	20	<0.1	0.9	0.2	39	0.47	0.090
1013317	Soil	0.9	27.7	7.5	41	<0.1	8.1	10.8	399	3.42	3.4	0.8	0.5	6.1	17	<0.1	0.4	0.1	44	0.28	0.060
1013318	Soil	1.0	12.2	8.4	60	<0.1	15.9	12.8	496	4.02	5.5	0.4	<0.5	2.4	15	0.1	0.4	0.1	79	0.21	0.041
1013319	Soil	0.7	24.4	11.1	65	<0.1	24.2	15.6	455	3.78	5.7	0.5	2.7	3.4	22	<0.1	0.4	0.1	82	0.33	0.036
1013320	Soil	1.0	28.4	9.3	56	<0.1	22.8	14.2	347	3.42	6.8	0.4	<0.5	2.6	20	<0.1	0.4	0.1	82	0.29	0.038
1013321	Soil	0.7	30.5	9.4	53	<0.1	22.2	12.7	341	2.90	6.2	0.6	<0.5	3.2	25	<0.1	0.4	0.1	73	0.34	0.037
1013324	Soil	0.9	33.3	8.9	56	<0.1	27.7	16.2	409	3.49	6.5	0.6	<0.5	4.1	26	<0.1	0.5	0.1	73	0.30	0.026
1013325	Soil	0.9	21.6	12.4	60	<0.1	23.3	14.7	485	3.36	4.2	0.8	<0.5	5.2	29	<0.1	0.4	<0.1	65	0.42	0.045
1013326	Soil	0.6	18.2	10.1	85	<0.1	21.0	16.1	586	3.71	3.5	0.4	<0.5	5.1	26	<0.1	0.3	<0.1	60	0.32	0.037
1013327	Soil	0.8	17.9	11.2	72	<0.1	21.1	13.6	544	3.52	4.4	0.5	1.1	7.4	27	<0.1	0.3	0.1	57	0.36	0.048
1013328	Soil	0.8	17.6	8.7	74	<0.1	13.7	10.0	424	3.50	7.0	0.4	1.5	2.5	20	<0.1	0.4	<0.1	65	0.25	0.054
1013301	Soil	1.1	22.3	10.2	53	<0.1	27.2	12.9	304	3.08	10.8	0.7	1.8	4.7	18	<0.1	0.7	0.2	70	0.15	0.026
1013302	Soil	0.8	25.4	9.6	53	0.1	20.8	9.7	317	2.71	7.1	0.8	2.4	4.2	27	<0.1	0.4	0.2	59	0.29	0.054
1013303	Soil	0.8	28.8	10.4	57	<0.1	22.3	9.3	318	2.84	8.3	0.8	2.6	4.7	30	0.1	0.4	0.2	66	0.32	0.054
1013304	Soil	0.5	15.2	8.1	56	<0.1	6.3	9.1	424	3.31	4.0	0.2	<0.5	3.3	50	<0.1	0.2	<0.1	68	0.29	0.041
1013305	Soil	0.9	23.9	9.1	140	<0.1	13.0	11.8	620	3.45	6.2	0.8	0.6	4.7	18	0.1	0.4	0.2	80	0.19	0.089
1013306	Soil	1.2	20.9	10.0	97	<0.1	16.5	19.2	1012	4.67	5.3	0.4	<0.5	5.4	33	<0.1	0.4	0.1	105	0.36	0.053
1013307	Soil	1.2	31.9	8.9	73	<0.1	17.6	14.2	553	3.69	5.2	0.5	1.0	5.3	36	<0.1	0.3	0.1	81	0.36	0.053
1013308	Soil	1.1	16.9	11.9	53	0.3	14.4	9.6	424	2.54	5.2	0.5	<0.5	2.9	26	0.1	0.3	0.2	68	0.27	0.035
1013309	Soil	1.0	20.5	11.3	64	<0.1	19.7	11.1	393	3.16	6.6	0.5	2.6	4.6	24	<0.1	0.4	0.2	74	0.27	0.031
1013310	Soil	0.7	25.9	8.7	63	<0.1	18.3	11.2	428	2.98	4.8	0.6	1.7	5.0	29	<0.1	0.3	0.1	68	0.42	0.052
1013311	Soil	1.1	36.6	10.6	72	<0.1	20.6	12.3	493	3.28	6.1	0.9	3.0	5.8	32	<0.1	0.3	0.1	73	0.40	0.053
1013312	Soil	0.9	36.0	9.9	70	<0.1	20.9	11.9	482	3.33	6.0	0.8	2.6	5.7	32	<0.1	0.3	0.1	73	0.38	0.056

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023684	Soil	27	16	2.08	410	0.279	<1	4.76	0.022	0.53	<0.1	<0.01	7.2	0.2	<0.05	16	<0.5	<0.2
1023685	Soil	11	33	1.02	176	0.096	<1	3.05	0.020	0.06	<0.1	0.03	8.8	<0.1	<0.05	8	<0.5	<0.2
1023686	Soil	7	25	0.61	170	0.082	<1	1.71	0.006	0.14	0.1	<0.01	2.0	<0.1	<0.05	4	<0.5	<0.2
1023687	Soil	18	37	0.54	276	0.065	1	2.11	0.010	0.06	0.1	0.06	7.5	0.1	<0.05	5	<0.5	<0.2
1013313	Soil	18	35	1.01	274	0.126	1	2.31	0.012	0.31	0.1	0.02	4.3	0.2	<0.05	6	0.6	<0.2
1013314	Soil	17	49	0.88	293	0.107	<1	2.31	0.011	0.10	0.1	0.02	5.4	0.1	<0.05	6	<0.5	<0.2
1013315	Soil	11	9	0.66	765	<0.001	<1	2.11	0.005	0.08	0.2	<0.01	3.8	<0.1	0.06	3	<0.5	<0.2
1013316	Soil	26	12	0.49	412	0.004	1	1.73	0.008	0.12	0.2	<0.01	4.4	<0.1	<0.05	3	<0.5	<0.2
1013317	Soil	21	13	0.60	299	0.031	<1	1.91	0.008	0.20	<0.1	0.02	3.8	<0.1	<0.05	6	0.5	<0.2
1013318	Soil	8	31	1.24	144	0.078	<1	2.75	0.009	0.06	<0.1	0.02	6.5	<0.1	<0.05	10	<0.5	<0.2
1013319	Soil	12	38	0.97	255	0.039	<1	2.71	0.011	0.06	0.1	0.02	6.3	<0.1	<0.05	7	<0.5	<0.2
1013320	Soil	8	43	0.87	176	0.072	<1	2.46	0.013	0.05	0.1	0.01	4.5	<0.1	<0.05	7	<0.5	<0.2
1013321	Soil	10	41	0.85	207	0.067	<1	2.08	0.015	0.04	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1013324	Soil	7	53	1.10	215	0.084	<1	2.43	0.012	0.07	0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1013325	Soil	15	51	1.26	212	0.070	<1	2.45	0.010	0.13	0.1	0.01	4.2	0.1	<0.05	7	<0.5	<0.2
1013326	Soil	15	50	1.48	205	0.153	<1	2.49	0.007	0.28	<0.1	0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1013327	Soil	15	46	1.05	262	0.130	<1	2.30	0.009	0.22	0.2	<0.01	3.1	0.1	<0.05	7	<0.5	<0.2
1013328	Soil	7	25	0.87	214	0.150	<1	2.00	0.009	0.46	0.1	<0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1013301	Soil	10	40	0.59	161	0.086	<1	2.67	0.010	0.06	0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1013302	Soil	16	34	0.58	201	0.083	1	1.71	0.012	0.06	0.1	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1013303	Soil	15	37	0.61	219	0.087	1	1.91	0.013	0.07	0.1	0.05	4.8	<0.1	<0.05	5	<0.5	<0.2
1013304	Soil	6	13	0.90	187	0.050	<1	3.27	0.007	0.33	<0.1	<0.01	1.3	0.2	<0.05	7	<0.5	<0.2
1013305	Soil	12	27	0.89	148	0.121	<1	2.07	0.012	0.38	<0.1	0.03	3.6	0.1	<0.05	7	<0.5	<0.2
1013306	Soil	8	26	1.24	321	0.223	1	3.10	0.010	0.46	0.1	0.02	2.2	0.2	<0.05	8	<0.5	<0.2
1013307	Soil	11	29	1.08	216	0.170	<1	2.37	0.014	0.38	<0.1	0.01	2.6	0.2	<0.05	6	<0.5	<0.2
1013308	Soil	10	25	0.58	193	0.121	1	1.57	0.008	0.15	<0.1	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
1013309	Soil	10	36	0.80	176	0.132	1	2.14	0.011	0.10	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1013310	Soil	14	32	0.87	177	0.146	1	1.82	0.015	0.16	0.1	0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1013311	Soil	17	36	0.91	209	0.150	<1	2.04	0.017	0.23	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
1013312	Soil	16	35	0.93	204	0.147	<1	2.04	0.024	0.23	0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000480.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012644	Soil	0.9	23.4	7.0	647	<0.1	11.5	15.0	1472	6.19	3.9	0.4	2.5	1.4	19	0.7	0.5	<0.1	67	0.59	0.209
1012645	Soil	0.4	19.6	5.8	86	<0.1	13.9	20.6	819	4.22	1.9	0.3	1.9	0.9	36	<0.1	0.5	<0.1	108	0.63	0.129
1012646	Soil	0.5	15.3	5.3	196	<0.1	5.0	6.9	846	4.12	1.8	0.2	<0.5	1.0	13	0.1	0.3	<0.1	45	0.17	0.045
1012647	Soil	1.3	28.6	17.9	152	<0.1	21.0	14.3	797	4.54	5.0	0.5	0.6	2.9	27	0.1	0.5	0.1	74	0.40	0.055
1012648	Soil	0.9	50.8	8.3	77	<0.1	19.0	24.5	611	4.32	4.0	0.4	1.7	1.0	23	<0.1	0.5	<0.1	109	0.70	0.086
1012649	Soil	1.3	46.1	14.1	139	<0.1	26.5	13.7	713	4.60	12.0	1.1	14.1	4.4	31	0.1	0.6	0.1	72	0.47	0.047
1013323	Soil	0.6	20.9	10.9	48	<0.1	34.1	11.1	344	2.40	4.7	1.0	4.2	18.0	19	<0.1	0.7	0.1	41	0.32	0.016
1013322	Soil	1.0	33.2	9.0	55	<0.1	31.9	15.5	390	3.34	7.3	0.4	<0.5	2.5	24	0.1	0.5	0.1	81	0.35	0.043
1011901	Soil	0.9	63.4	10.5	108	<0.1	9.9	20.2	738	5.73	5.6	0.5	<0.5	1.4	22	<0.1	0.2	<0.1	143	0.25	0.058
1011902	Soil	4.4	29.4	10.2	45	0.1	12.9	6.9	246	3.96	5.7	1.0	3.5	3.3	36	<0.1	0.3	0.1	67	0.21	0.047
1011903	Soil	2.0	29.2	8.6	86	<0.1	13.7	17.7	615	4.47	4.6	0.9	0.7	4.3	43	<0.1	0.3	<0.1	93	0.30	0.038
1011904	Soil	0.7	32.6	9.7	88	<0.1	40.8	18.2	548	3.41	2.9	0.5	1.4	4.0	53	<0.1	<0.1	0.1	74	0.34	0.047
1011905	Soil	0.6	57.6	6.9	70	<0.1	30.9	17.2	448	3.38	6.6	0.7	3.0	3.6	32	<0.1	0.3	0.2	75	0.33	0.053
1011906	Soil	1.0	23.0	9.7	49	<0.1	18.4	9.0	255	2.87	7.5	0.5	3.6	1.9	22	0.1	0.4	0.2	65	0.21	0.034
1011907	Soil	0.9	35.7	9.5	60	<0.1	24.2	13.3	424	3.37	6.7	0.6	4.1	2.7	49	<0.1	0.3	0.2	89	0.34	0.028
1011908	Soil	0.9	28.2	10.6	56	<0.1	24.4	11.9	335	3.40	8.9	0.6	4.3	3.2	31	0.1	0.4	0.2	81	0.24	0.027
1011909	Soil	0.9	35.7	8.2	47	<0.1	16.6	11.7	309	2.67	5.5	0.3	0.7	0.6	47	<0.1	0.3	0.1	72	0.31	0.044
1011910	Soil	0.7	58.0	7.3	99	<0.1	24.7	24.7	737	4.87	6.3	0.7	2.6	4.6	48	0.1	0.4	0.1	98	0.53	0.112
1011911	Soil	0.8	28.1	9.8	67	<0.1	25.0	13.3	339	3.75	8.6	0.5	1.1	3.0	36	<0.1	0.3	0.2	83	0.30	0.038
1011912	Soil	0.6	30.8	8.2	77	<0.1	29.0	18.7	451	4.11	7.7	0.5	3.8	4.9	39	<0.1	0.3	0.1	87	0.28	0.026
1011913	Soil	0.9	25.1	9.1	69	<0.1	25.7	13.7	360	3.69	8.6	0.6	2.5	4.1	25	<0.1	0.4	0.1	83	0.23	0.026
1011914	Soil	1.1	21.7	8.4	69	<0.1	24.3	12.2	431	3.42	7.4	0.6	<0.5	3.0	24	<0.1	0.3	0.2	79	0.28	0.037
1011915	Soil	0.9	25.1	9.7	64	0.1	28.3	14.3	362	3.71	8.2	0.6	5.1	4.5	26	<0.1	0.4	0.1	76	0.29	0.023
1011916	Soil	1.0	21.4	8.8	55	<0.1	23.6	12.4	353	3.12	11.5	0.6	4.9	4.7	22	<0.1	0.5	0.2	72	0.22	0.028
1011917	Soil	0.7	20.2	7.2	81	<0.1	19.4	17.5	805	4.28	6.2	1.1	3.2	6.6	37	<0.1	0.3	0.1	87	0.53	0.055
1011918	Soil	0.8	19.6	8.7	60	<0.1	28.0	13.7	393	3.33	11.3	0.9	3.9	4.9	34	<0.1	0.4	0.2	75	0.23	0.024
1011919	Soil	0.5	38.2	9.2	112	<0.1	36.7	24.7	1260	5.95	10.5	1.2	2.1	8.3	45	<0.1	0.3	<0.1	120	0.36	0.061
1011920	Soil	0.8	18.7	6.0	75	<0.1	49.3	20.1	620	4.24	9.7	0.4	1.0	4.1	41	<0.1	0.3	<0.1	95	0.31	0.048
1011921	Soil	0.8	23.9	8.3	66	<0.1	36.4	14.6	473	3.50	7.9	0.7	2.0	4.1	31	<0.1	0.3	0.2	86	0.36	0.065
1011922	Soil	0.5	22.1	5.4	75	<0.1	25.4	18.5	533	3.61	5.2	0.4	2.6	4.9	47	<0.1	0.2	0.1	78	0.48	0.098

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Project: PED
Report Date: July 24, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012644	Soil	4	15	1.27	260	0.191	<1	2.82	0.011	0.43	0.3	<0.01	8.9	0.1	<0.05	12	<0.5	<0.2
1012645	Soil	4	15	1.32	151	0.051	<1	2.40	0.018	0.08	0.4	0.01	6.8	<0.1	<0.05	7	<0.5	<0.2
1012646	Soil	3	7	0.87	261	0.166	<1	2.08	0.016	0.36	0.1	0.01	3.9	0.1	<0.05	10	<0.5	<0.2
1012647	Soil	7	32	1.13	342	0.081	1	2.56	0.011	0.17	0.1	0.02	5.1	<0.1	<0.05	9	<0.5	<0.2
1012648	Soil	3	27	1.19	132	0.045	1	2.43	0.027	0.08	0.2	0.02	7.3	<0.1	<0.05	7	<0.5	<0.2
1012649	Soil	22	37	1.04	271	0.080	2	2.29	0.022	0.08	0.1	0.06	9.2	<0.1	<0.05	8	<0.5	<0.2
1013323	Soil	18	80	0.88	213	0.024	<1	1.88	0.010	0.10	0.1	0.01	3.5	0.1	<0.05	4	<0.5	<0.2
1013322	Soil	7	51	1.15	205	0.090	1	2.46	0.019	0.08	0.1	0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
1011901	Soil	3	25	1.73	261	0.368	<1	3.47	0.015	0.26	<0.1	0.01	3.1	0.1	<0.05	12	<0.5	<0.2
1011902	Soil	11	26	0.73	192	0.077	<1	2.22	0.021	0.15	<0.1	0.02	4.1	0.1	0.12	7	1.6	<0.2
1011903	Soil	9	23	1.20	224	0.255	2	2.87	0.025	0.50	<0.1	0.01	4.4	0.3	<0.05	9	0.5	<0.2
1011904	Soil	12	81	1.65	374	0.261	1	2.71	0.015	0.67	<0.1	0.01	2.5	0.3	<0.05	8	<0.5	<0.2
1011905	Soil	12	56	1.08	278	0.149	2	2.32	0.014	0.14	<0.1	<0.01	3.4	0.1	<0.05	7	0.5	<0.2
1011906	Soil	9	33	0.56	158	0.076	2	2.01	0.010	0.04	<0.1	0.05	2.5	0.1	<0.05	7	0.6	<0.2
1011907	Soil	10	51	0.84	162	0.117	2	2.13	0.013	0.04	<0.1	0.03	4.7	<0.1	<0.05	7	0.8	<0.2
1011908	Soil	9	45	0.71	164	0.103	3	2.38	0.014	0.04	0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1011909	Soil	6	37	0.59	95	0.107	2	1.51	0.018	0.04	<0.1	0.02	2.4	<0.1	<0.05	7	<0.5	<0.2
1011910	Soil	10	42	1.36	195	0.191	2	2.89	0.017	0.17	<0.1	0.02	3.4	<0.1	<0.05	9	1.4	<0.2
1011911	Soil	9	43	0.86	172	0.137	2	2.60	0.013	0.06	0.1	0.03	3.3	<0.1	<0.05	8	0.8	<0.2
1011912	Soil	9	52	1.14	203	0.200	2	3.13	0.012	0.07	<0.1	0.02	3.2	0.1	<0.05	8	0.6	<0.2
1011913	Soil	12	47	0.88	175	0.109	<1	2.71	0.011	0.04	<0.1	<0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
1011914	Soil	11	46	0.89	240	0.108	<1	2.11	0.009	0.05	<0.1	0.02	3.1	0.1	<0.05	8	1.1	<0.2
1011915	Soil	12	47	0.81	234	0.088	2	2.77	0.011	0.06	<0.1	0.02	4.1	<0.1	<0.05	8	1.0	<0.2
1011916	Soil	12	44	0.66	254	0.084	1	2.55	0.012	0.06	<0.1	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1011917	Soil	29	31	1.21	460	0.127	<1	2.57	0.012	0.11	<0.1	0.03	6.2	<0.1	<0.05	8	1.2	<0.2
1011918	Soil	13	45	0.83	234	0.101	1	2.51	0.012	0.06	0.1	0.02	5.1	<0.1	<0.05	7	1.2	<0.2
1011919	Soil	21	64	2.41	169	0.101	1	3.64	0.012	0.09	<0.1	0.03	7.4	<0.1	<0.05	13	1.2	<0.2
1011920	Soil	5	88	1.80	176	0.258	2	3.10	0.011	0.11	0.1	0.02	2.0	<0.1	<0.05	9	<0.5	<0.2
1011921	Soil	12	45	1.13	227	0.168	<1	2.43	0.012	0.16	0.1	0.03	3.3	0.1	<0.05	7	0.5	<0.2
1011922	Soil	11	37	1.36	218	0.177	<1	2.94	0.020	0.23	<0.1	0.01	2.9	0.2	<0.05	8	0.9	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011923	Soil		0.5	21.7	5.2	77	<0.1	24.4	18.4	563	3.71	5.0	0.4	2.1	5.0	47	0.1	0.2	<0.1	80	0.52	0.104
1011924	Soil		0.8	21.2	7.4	71	<0.1	28.7	16.4	366	3.81	9.3	0.5	3.2	3.9	28	0.1	0.4	0.1	83	0.28	0.049
1011925	Soil		1.2	13.6	7.8	67	<0.1	18.8	14.8	596	4.05	9.3	0.5	1.7	3.6	25	0.1	0.4	0.1	88	0.21	0.048
1011926	Soil		0.8	15.9	6.5	66	<0.1	17.0	13.6	516	3.40	5.8	0.6	2.6	4.3	31	<0.1	0.3	0.1	81	0.33	0.048
1011927	Soil		0.4	14.3	3.8	100	<0.1	17.1	21.7	995	4.90	3.1	0.6	3.8	5.3	50	<0.1	0.1	<0.1	97	0.67	0.161
1011928	Soil		0.4	15.5	3.9	94	<0.1	17.9	20.6	925	4.65	3.5	0.7	1.9	5.2	47	<0.1	0.2	<0.1	95	0.60	0.135
1011929	Soil		1.1	18.2	9.8	53	<0.1	31.9	13.9	453	3.52	8.4	0.6	1.8	3.2	26	<0.1	0.3	0.1	86	0.29	0.050
1011930	Soil		0.8	15.3	7.0	56	<0.1	20.9	11.8	412	3.52	7.3	0.4	2.1	2.5	34	0.1	0.3	0.1	82	0.25	0.045
1011931	Soil		0.9	15.9	8.8	75	<0.1	22.8	12.9	532	3.76	9.7	0.6	2.8	3.5	26	0.2	0.4	0.2	85	0.25	0.091
1011932	Soil		1.1	15.4	8.3	69	<0.1	17.7	12.1	601	3.32	8.8	0.4	1.9	2.7	22	0.2	0.3	0.2	76	0.21	0.110
1011933	Soil		0.8	14.8	8.8	61	<0.1	19.2	11.1	404	2.95	4.5	0.5	1.5	3.6	38	0.1	0.3	0.1	69	0.36	0.051
1011934	Soil		0.8	17.9	8.7	67	<0.1	16.9	12.2	411	3.33	4.9	0.7	5.9	4.9	29	0.1	0.3	0.1	82	0.32	0.041
1011935	Soil		0.8	24.8	7.5	66	<0.1	22.1	11.9	437	3.24	5.9	1.0	3.5	6.4	36	<0.1	0.4	0.1	75	0.45	0.059
1011359	Soil		0.6	13.6	5.8	81	<0.1	22.8	22.3	685	4.49	4.9	0.2	1.2	3.9	24	<0.1	0.2	<0.1	96	0.35	0.152
1011360	Soil		0.9	27.9	6.7	56	<0.1	23.5	12.6	421	3.16	9.0	1.1	2.7	5.3	33	<0.1	0.5	<0.1	72	0.36	0.035
1011361	Soil		0.8	12.4	11.0	77	<0.1	19.3	16.9	656	3.89	5.0	0.6	<0.5	3.9	28	<0.1	0.4	0.1	91	0.31	0.049
1011362	Soil		0.8	13.5	7.2	55	<0.1	20.3	9.6	323	2.90	9.2	0.4	2.3	3.6	17	<0.1	0.5	0.3	63	0.16	0.024
1011363	Soil		0.9	15.2	8.5	61	<0.1	23.0	12.5	392	3.57	11.3	0.4	3.0	2.9	15	0.2	0.6	0.2	74	0.16	0.033
1011364	Soil		0.9	26.2	7.0	54	<0.1	26.3	9.7	249	2.77	12.1	0.5	<0.5	6.1	14	<0.1	0.7	0.2	60	0.13	0.020
1011365	Soil		1.1	11.1	16.2	77	<0.1	13.9	17.4	698	4.51	5.2	1.1	<0.5	5.7	13	0.1	0.5	0.1	58	0.22	0.072
1011366	Soil		0.8	14.9	8.2	66	<0.1	20.2	15.9	455	3.66	10.6	0.4	0.7	4.3	19	0.1	0.6	0.2	72	0.24	0.062
1011367	Soil		1.3	11.5	7.9	93	<0.1	23.2	13.9	715	3.50	5.0	0.6	<0.5	4.7	19	<0.1	0.4	0.1	73	0.23	0.052
1011368	Soil		1.1	20.8	8.4	56	<0.1	18.8	8.3	274	2.54	8.2	0.6	0.9	4.4	13	<0.1	0.5	0.1	50	0.13	0.024
1011369	Soil		0.8	25.2	7.6	74	<0.1	23.5	13.9	469	3.56	10.4	0.6	<0.5	7.0	21	<0.1	0.4	0.1	58	0.21	0.024
1011370	Soil		0.6	8.4	5.4	106	<0.1	104.4	18.9	567	3.64	3.8	0.3	<0.5	2.1	28	<0.1	0.2	0.2	73	0.38	0.048
1011371	Soil		0.7	13.6	5.9	76	<0.1	12.6	14.6	608	3.93	6.8	0.4	<0.5	4.0	23	<0.1	0.4	0.2	67	0.33	0.043
1011372	Soil		1.2	11.1	7.5	65	<0.1	13.8	10.1	289	4.28	8.1	2.0	2.4	12.0	42	0.1	0.5	0.2	59	0.12	0.038
1011373	Soil		0.4	21.3	2.6	48	<0.1	17.0	19.1	426	3.34	5.9	0.2	0.6	6.2	28	<0.1	0.2	<0.1	87	0.45	0.071
1011374	Soil		0.6	12.1	6.7	99	<0.1	14.8	11.8	442	3.42	5.0	0.5	1.6	3.4	30	<0.1	0.4	0.1	67	0.42	0.070
1011375	Soil		0.5	9.5	5.6	52	<0.1	7.9	8.4	588	3.34	3.4	1.4	<0.5	11.9	19	<0.1	0.5	<0.1	43	0.28	0.066

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Project: PED
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000480.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011923	Soil		12	38	1.42	227	0.180	<1	2.86	0.021	0.23	<0.1	0.01	3.1	0.1	<0.05	9	0.8	<0.2
1011924	Soil		10	40	0.92	190	0.139	1	2.85	0.015	0.08	0.1	0.03	3.1	<0.1	<0.05	8	0.7	<0.2
1011925	Soil		9	33	0.93	154	0.125	1	2.57	0.009	0.11	0.1	0.03	2.8	<0.1	<0.05	8	0.7	<0.2
1011926	Soil		16	28	1.02	198	0.147	1	2.16	0.011	0.10	0.1	0.03	3.5	<0.1	<0.05	8	0.7	<0.2
1011927	Soil		14	27	1.93	338	0.257	1	2.97	0.010	0.68	<0.1	0.01	3.0	0.2	<0.05	9	0.7	<0.2
1011928	Soil		18	30	1.76	331	0.237	<1	2.69	0.019	0.54	<0.1	0.02	3.6	0.2	<0.05	9	<0.5	<0.2
1011929	Soil		8	52	0.83	173	0.126	1	2.33	0.012	0.07	0.1	0.02	2.8	<0.1	<0.05	8	0.8	<0.2
1011930	Soil		8	35	0.88	127	0.144	2	2.32	0.010	0.08	<0.1	0.01	2.4	<0.1	<0.05	8	1.2	<0.2
1011931	Soil		10	37	0.79	197	0.106	<1	2.57	0.011	0.09	0.2	0.02	3.1	<0.1	<0.05	9	<0.5	<0.2
1011932	Soil		8	31	0.53	195	0.066	1	2.20	0.012	0.06	0.1	0.03	2.5	<0.1	<0.05	7	<0.5	<0.2
1011933	Soil		12	37	0.91	210	0.128	<1	2.15	0.013	0.09	0.1	0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1011934	Soil		14	31	1.01	196	0.171	27	2.23	0.017	0.12	0.1	0.03	3.3	<0.1	<0.05	8	<0.5	<0.2
1011935	Soil		18	39	0.92	247	0.123	<1	2.16	0.020	0.10	0.1	0.02	4.6	<0.1	<0.05	7	0.7	<0.2
1011359	Soil		5	43	1.89	241	0.245	<1	2.98	0.012	0.50	<0.1	0.02	2.0	0.1	<0.05	10	<0.5	<0.2
1011360	Soil		19	36	0.85	301	0.139	<1	1.86	0.014	0.12	0.1	0.01	6.0	<0.1	<0.05	6	<0.5	<0.2
1011361	Soil		9	38	1.20	161	0.087	<1	2.50	0.013	0.06	0.1	0.02	4.7	<0.1	<0.05	9	<0.5	<0.2
1011362	Soil		8	32	0.69	183	0.081	2	1.81	0.009	0.12	0.2	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1011363	Soil		7	34	0.89	222	0.081	1	2.50	0.007	0.05	0.1	0.02	2.5	<0.1	<0.05	7	<0.5	<0.2
1011364	Soil		11	34	0.64	132	0.077	1	1.85	0.007	0.06	0.2	<0.01	3.2	<0.1	<0.05	5	<0.5	<0.2
1011365	Soil		12	18	0.86	372	0.093	<1	1.79	0.007	0.52	<0.1	<0.01	3.6	0.2	<0.05	5	<0.5	<0.2
1011366	Soil		9	32	1.03	208	0.093	<1	2.33	0.007	0.15	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1011367	Soil		9	51	1.01	254	0.051	<1	2.29	0.007	0.08	0.1	<0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
1011368	Soil		8	29	0.46	170	0.045	1	1.65	0.007	0.10	0.1	<0.01	2.1	<0.1	<0.05	5	<0.5	<0.2
1011369	Soil		7	25	1.14	165	0.168	1	2.73	0.008	0.07	<0.1	<0.01	1.7	<0.1	<0.05	7	<0.5	<0.2
1011370	Soil		5	160	2.22	186	0.161	1	3.30	0.006	0.06	<0.1	<0.01	2.3	0.1	<0.05	10	<0.5	<0.2
1011371	Soil		7	18	1.31	255	0.143	<1	2.44	0.006	0.15	<0.1	<0.01	1.9	<0.1	<0.05	8	<0.5	<0.2
1011372	Soil		12	25	0.53	219	0.053	<1	1.81	0.015	0.17	0.1	0.01	3.5	<0.1	0.08	8	<0.5	<0.2
1011373	Soil		2	17	1.57	267	0.255	2	2.43	0.015	0.42	<0.1	<0.01	1.5	0.2	<0.05	6	<0.5	<0.2
1011374	Soil		8	23	0.85	288	0.118	<1	2.31	0.008	0.07	0.1	<0.01	2.3	<0.1	<0.05	8	<0.5	<0.2
1011375	Soil		15	13	0.70	204	0.010	<1	1.65	0.013	0.09	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000480.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011376	Soil	1.0	25.1	12.5	61	0.1	27.8	11.3	298	3.36	14.8	0.5	1.5	5.9	22	0.1	0.6	0.2	84	0.21	0.022
1011377	Soil	0.7	9.7	17.6	69	0.1	14.4	7.1	615	2.14	5.1	0.4	0.9	2.3	21	0.2	0.4	0.2	49	0.24	0.049
1011378	Soil	0.9	8.0	7.6	95	<0.1	11.6	9.5	824	2.63	3.1	0.5	<0.5	3.4	29	0.1	0.3	0.1	41	0.35	0.099
1011379	Soil	0.5	7.0	3.3	65	<0.1	11.9	11.2	685	3.93	5.2	0.5	<0.5	7.7	15	<0.1	0.2	0.2	62	0.29	0.107
1011380	Soil	0.3	6.4	2.5	44	<0.1	20.9	9.7	329	2.67	4.7	0.2	<0.5	1.7	77	<0.1	0.3	<0.1	49	0.67	0.104
1011381	Soil	0.4	21.0	2.8	62	<0.1	8.6	10.5	509	3.14	3.9	0.8	<0.5	12.8	13	<0.1	0.2	<0.1	54	0.37	0.125
1011382	Soil	0.4	8.0	3.6	64	<0.1	11.6	10.7	546	3.50	4.8	0.4	<0.5	7.8	20	<0.1	0.2	<0.1	54	0.40	0.125
1011383	Soil	0.5	9.4	4.7	73	<0.1	11.1	13.0	827	4.21	8.2	1.0	<0.5	13.6	18	<0.1	0.4	<0.1	66	0.52	0.102
1011384	Soil	0.5	4.9	5.0	77	<0.1	10.6	11.6	644	3.46	4.8	0.4	<0.5	10.0	19	<0.1	0.2	<0.1	57	0.37	0.119
1011385	Soil	0.4	12.9	5.0	64	<0.1	14.5	10.1	601	3.51	6.9	0.6	<0.5	8.6	19	<0.1	0.3	<0.1	57	0.27	0.079
1011386	Soil	0.4	32.8	3.2	66	<0.1	11.6	12.5	606	4.03	4.4	0.6	<0.5	8.9	19	<0.1	0.2	<0.1	59	0.40	0.123
1011387	Soil	0.5	10.1	4.8	77	<0.1	20.6	17.3	600	4.14	7.4	0.3	<0.5	4.2	20	0.1	0.3	<0.1	81	0.28	0.046
1011388	Soil	1.1	21.8	17.2	62	0.2	31.5	9.8	345	2.83	10.3	0.8	<0.5	7.1	22	0.2	0.9	0.1	55	0.25	0.035
1011389	Soil	0.7	16.3	5.3	74	<0.1	12.4	12.0	625	4.19	6.6	0.9	<0.5	11.4	18	<0.1	0.4	<0.1	58	0.32	0.072
1011390	Soil	0.7	15.7	5.5	73	<0.1	12.5	12.7	662	4.32	6.7	0.9	0.6	11.6	18	<0.1	0.4	<0.1	61	0.33	0.078
1023789	Soil	0.4	9.8	12.9	74	<0.1	14.3	18.7	659	4.13	5.6	0.3	<0.5	6.8	28	<0.1	0.3	<0.1	75	0.41	0.067
1023790	Soil	0.5	22.6	5.3	59	<0.1	17.0	14.2	470	3.10	4.8	0.8	3.2	7.5	30	<0.1	0.4	<0.1	54	0.32	0.019
1023791	Soil	0.7	12.8	6.2	95	<0.1	18.9	19.2	677	4.13	6.4	0.4	1.4	7.5	27	<0.1	0.4	<0.1	67	0.31	0.043
1023792	Soil	0.6	16.6	4.4	55	<0.1	16.5	12.5	443	2.87	4.1	0.7	1.0	8.1	24	<0.1	0.3	<0.1	59	0.27	0.015
1023793	Soil	0.4	14.6	3.2	63	<0.1	10.5	15.1	533	3.74	2.6	0.7	<0.5	9.1	57	<0.1	0.3	<0.1	54	0.47	0.024
1023794	Soil	0.6	12.8	2.3	104	<0.1	12.6	23.9	1340	5.72	4.1	1.5	<0.5	15.8	47	<0.1	0.3	<0.1	82	0.33	0.082
1023795	Soil	1.4	14.3	8.1	69	<0.1	18.8	12.9	537	3.42	8.4	0.5	1.2	4.7	20	0.1	0.4	0.1	72	0.20	0.036
1023796	Soil	0.4	16.2	5.2	122	<0.1	16.5	22.7	1001	5.01	3.2	1.6	1.7	10.5	44	<0.1	0.3	<0.1	125	0.80	0.069
1023797	Soil	1.9	16.0	7.2	53	<0.1	26.0	10.3	337	2.69	6.4	0.7	3.0	4.7	23	<0.1	0.4	0.1	68	0.30	0.029
1023798	Soil	1.5	19.0	8.4	61	<0.1	26.3	11.6	391	3.05	7.2	1.0	3.2	5.2	22	<0.1	0.4	0.2	77	0.27	0.021
1023799	Soil	0.5	6.8	3.1	90	<0.1	13.9	20.8	694	4.27	3.3	0.2	<0.5	2.8	28	<0.1	0.2	<0.1	108	0.43	0.051
1023800	Soil	0.4	16.1	3.7	76	<0.1	20.6	25.7	751	4.32	4.9	0.4	1.2	4.1	22	<0.1	0.3	<0.1	100	0.30	0.058
1020701	Soil	0.6	20.3	5.0	73	<0.1	20.5	22.5	651	4.07	7.4	0.5	3.9	4.5	23	<0.1	0.4	<0.1	93	0.30	0.057
1020702	Soil	0.3	8.9	2.1	75	<0.1	14.5	22.1	872	5.35	2.8	0.9	<0.5	5.6	17	<0.1	0.1	<0.1	170	0.32	0.068
1020703	Soil	0.8	20.1	4.6	75	<0.1	24.1	15.7	419	3.39	8.0	0.5	1.7	3.5	19	0.2	0.4	<0.1	71	0.29	0.072

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011376	Soil	9	39	0.84	202	0.099	1	2.62	0.013	0.09	0.2	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1011377	Soil	10	23	0.36	312	0.023	<1	1.62	0.010	0.07	<0.1	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1011378	Soil	8	17	0.52	355	0.073	1	1.80	0.008	0.17	<0.1	<0.01	1.6	<0.1	<0.05	7	<0.5	<0.2
1011379	Soil	11	13	1.10	242	0.268	1	2.47	0.006	1.07	<0.1	<0.01	4.8	0.3	<0.05	10	<0.5	<0.2
1011380	Soil	4	31	0.81	136	0.128	<1	1.65	0.021	0.24	<0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1011381	Soil	23	11	0.81	278	0.124	<1	1.80	0.015	0.58	<0.1	<0.01	3.1	<0.1	<0.05	8	<0.5	<0.2
1011382	Soil	12	13	0.97	249	0.265	<1	2.30	0.009	0.98	<0.1	<0.01	1.0	0.3	<0.05	8	<0.5	<0.2
1011383	Soil	16	15	0.96	225	0.263	1	2.48	0.008	0.73	<0.1	<0.01	2.2	0.2	<0.05	9	<0.5	<0.2
1011384	Soil	14	14	0.98	242	0.185	<1	2.08	0.007	0.59	<0.1	<0.01	1.4	0.2	<0.05	8	<0.5	<0.2
1011385	Soil	16	18	0.81	159	0.213	<1	2.08	0.009	0.44	<0.1	<0.01	2.1	0.1	<0.05	8	<0.5	<0.2
1011386	Soil	14	14	0.97	212	0.265	1	2.49	0.011	0.83	<0.1	<0.01	1.4	0.3	<0.05	8	<0.5	<0.2
1011387	Soil	6	18	1.51	250	0.272	<1	2.73	0.008	0.58	<0.1	<0.01	1.4	0.2	<0.05	9	<0.5	<0.2
1011388	Soil	15	40	0.47	302	0.047	1	1.67	0.007	0.14	0.2	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1011389	Soil	21	19	0.85	190	0.195	<1	2.09	0.009	0.30	<0.1	<0.01	2.2	<0.1	<0.05	9	<0.5	<0.2
1011390	Soil	21	19	0.90	217	0.195	<1	2.19	0.009	0.33	<0.1	0.01	2.4	0.1	<0.05	9	<0.5	<0.2
1023789	Soil	7	21	1.61	195	0.247	<1	2.65	0.006	0.46	<0.1	<0.01	1.3	0.1	<0.05	8	<0.5	<0.2
1023790	Soil	18	24	1.01	176	0.133	<1	1.90	0.011	0.05	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1023791	Soil	9	29	1.63	128	0.167	<1	2.80	0.006	0.04	<0.1	<0.01	1.7	<0.1	<0.05	9	<0.5	<0.2
1023792	Soil	22	25	0.99	197	0.177	1	1.99	0.009	0.14	<0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1023793	Soil	25	18	1.31	204	0.006	<1	2.80	0.007	0.04	<0.1	<0.01	4.5	<0.1	<0.05	9	<0.5	<0.2
1023794	Soil	28	27	2.23	234	0.030	<1	3.32	0.007	0.02	<0.1	0.01	5.2	<0.1	<0.05	14	<0.5	<0.2
1023795	Soil	9	32	0.96	177	0.055	<1	2.43	0.007	0.06	<0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
1023796	Soil	26	34	1.93	402	0.301	<1	3.35	0.017	0.49	<0.1	<0.01	5.6	0.1	<0.05	11	<0.5	<0.2
1023797	Soil	14	44	0.78	206	0.106	1	1.87	0.010	0.05	<0.1	0.02	2.9	<0.1	<0.05	5	0.5	<0.2
1023798	Soil	15	40	0.79	224	0.098	1	2.06	0.010	0.05	0.1	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1023799	Soil	6	27	1.92	376	0.315	<1	3.17	0.012	0.61	<0.1	0.02	1.7	0.2	<0.05	9	<0.5	<0.2
1023800	Soil	8	33	2.09	311	0.273	<1	3.18	0.008	0.70	<0.1	<0.01	1.9	0.2	<0.05	7	<0.5	<0.2
1020701	Soil	11	36	1.65	308	0.234	<1	2.84	0.009	0.49	<0.1	0.01	2.6	0.1	<0.05	7	0.7	<0.2
1020702	Soil	18	42	3.66	204	0.162	<1	3.58	0.009	0.64	<0.1	<0.01	16.7	0.2	<0.05	13	<0.5	<0.2
1020703	Soil	9	33	1.28	122	0.123	2	2.48	0.008	0.10	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 24, 2011

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1020704	Soil	0.6	19.1	5.7	68	<0.1	22.6	19.3	509	3.68	8.1	0.5	0.5	4.8	23	0.1	0.4	<0.1	80	0.28	0.027
1020705	Soil	0.7	12.1	5.1	107	<0.1	18.5	21.8	740	4.05	3.9	0.4	1.6	3.5	39	<0.1	0.3	<0.1	86	0.51	0.049
1020706	Soil	0.8	13.1	5.7	86	<0.1	20.5	16.5	707	3.33	5.7	0.3	0.9	3.0	29	<0.1	0.3	0.1	68	0.37	0.058
1020707	Soil	0.8	10.9	5.7	96	<0.1	21.1	15.9	610	3.35	3.3	0.4	1.3	2.8	50	<0.1	0.3	<0.1	66	0.54	0.065
1020708	Soil	0.9	16.7	7.3	55	<0.1	21.2	10.7	336	2.86	7.9	0.4	1.7	4.5	24	<0.1	0.4	<0.1	64	0.31	0.024
1020709	Soil	0.8	20.1	4.6	92	<0.1	12.4	14.0	643	3.31	3.1	0.4	<0.5	3.7	27	<0.1	0.3	<0.1	67	0.46	0.067
1020710	Soil	0.5	9.3	3.9	105	<0.1	14.3	18.9	851	3.83	3.7	0.3	<0.5	6.5	37	0.1	0.2	<0.1	76	0.60	0.132
1020711	Soil	0.5	21.8	4.7	73	<0.1	14.4	20.2	620	4.05	4.3	0.6	1.0	12.6	26	<0.1	0.3	<0.1	79	0.39	0.072
1020712	Soil	0.4	49.9	2.4	73	<0.1	10.5	14.6	632	3.57	2.1	0.7	0.7	9.6	19	<0.1	0.2	<0.1	77	0.45	0.088
1020713	Soil	0.5	17.2	4.4	106	<0.1	14.8	18.8	1172	4.53	2.7	0.6	1.0	5.3	30	0.1	0.2	<0.1	96	0.53	0.112
1020714	Soil	0.7	20.3	5.7	80	<0.1	17.1	16.3	924	3.58	4.7	0.5	2.0	3.4	31	<0.1	0.3	<0.1	72	0.41	0.103
1020715	Soil	0.5	20.2	5.9	90	<0.1	16.2	20.2	639	4.18	3.9	0.2	<0.5	2.6	29	<0.1	0.2	<0.1	79	0.48	0.104
1020716	Soil	0.4	22.0	4.3	67	<0.1	14.4	17.8	448	3.82	5.0	0.3	1.2	3.6	31	<0.1	0.2	<0.1	96	0.58	0.132
1020717	Soil	0.9	12.2	9.1	98	<0.1	18.9	16.1	636	3.75	5.5	0.4	1.5	4.0	31	0.1	0.3	<0.1	79	0.46	0.070
1020718	Soil	0.7	11.2	5.4	86	<0.1	13.5	17.0	846	4.12	3.9	0.3	0.8	4.7	27	<0.1	0.1	<0.1	89	0.53	0.182
1023786	Soil	1.1	30.4	10.0	67	<0.1	23.4	12.0	381	3.32	10.6	0.5	0.7	5.3	24	<0.1	0.6	0.1	70	0.26	0.035
1023787	Soil	0.9	43.1	7.0	75	<0.1	14.0	16.8	635	3.86	4.6	0.7	1.1	8.1	43	<0.1	0.3	<0.1	57	0.41	0.050
1023788	Soil	1.1	20.5	10.0	72	<0.1	25.1	11.4	356	3.22	10.5	0.6	0.6	4.5	20	0.1	0.5	0.2	72	0.20	0.031
1023551	Soil	0.9	26.7	9.7	60	<0.1	31.7	11.4	290	3.03	11.9	0.6	5.0	5.3	21	<0.1	0.6	0.2	72	0.22	0.020
1023552	Soil	0.8	24.7	8.5	51	<0.1	22.4	9.9	352	2.65	8.3	0.7	6.1	4.5	25	<0.1	0.5	0.1	62	0.32	0.039
1023553	Soil	0.9	26.1	9.8	59	<0.1	28.0	10.1	296	2.78	8.9	0.7	2.7	4.5	24	<0.1	0.6	0.2	65	0.29	0.041
1023554	Soil	0.9	43.6	8.7	67	<0.1	27.3	17.0	579	3.87	7.2	0.9	4.6	4.1	35	0.1	0.4	0.1	104	0.66	0.090
1023555	Soil	0.8	34.2	5.0	58	<0.1	13.2	20.8	370	4.50	3.9	1.1	1.4	6.0	28	0.1	0.2	0.1	85	0.45	0.030
1023556	Soil	1.0	30.2	7.6	64	<0.1	32.8	23.1	637	4.08	7.7	0.8	2.9	3.6	20	<0.1	0.4	<0.1	102	0.34	0.051
1023557	Soil	4.3	167.9	3.6	67	0.2	13.3	21.1	311	7.24	1.9	0.8	2.5	1.9	29	<0.1	0.1	<0.1	153	0.22	0.074
1023558	Soil	1.6	64.9	8.7	212	<0.1	24.3	17.7	285	4.95	4.7	2.3	1.2	7.7	57	0.5	0.2	0.3	156	0.46	0.077
1023559	Soil	1.0	21.3	8.0	52	<0.1	19.5	11.5	265	2.96	8.9	0.5	3.9	3.2	19	<0.1	0.5	0.1	73	0.21	0.042
1023560	Soil	1.5	284.7	6.3	62	<0.1	28.2	43.2	593	4.65	3.8	1.2	2.5	3.6	99	<0.1	0.2	0.1	119	0.49	0.093
1023561	Soil	0.7	58.6	4.9	56	<0.1	27.9	16.3	381	3.14	5.0	0.7	2.9	3.0	30	<0.1	0.3	<0.1	84	0.47	0.084
1023562	Soil	0.5	71.7	4.8	50	<0.1	32.6	18.7	328	3.26	4.6	0.5	1.7	2.7	37	<0.1	0.3	<0.1	93	0.81	0.084

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1020704	Soil	9	35	1.44	212	0.197	1	2.92	0.009	0.18	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1020705	Soil	7	30	1.76	308	0.221	1	2.97	0.009	0.14	<0.1	0.01	2.2	<0.1	<0.05	8	<0.5	<0.2
1020706	Soil	7	30	1.21	298	0.144	2	2.33	0.010	0.15	<0.1	0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1020707	Soil	6	33	1.10	177	0.149	1	2.48	0.010	0.09	<0.1	0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1020708	Soil	9	34	0.83	135	0.083	<1	1.98	0.009	0.16	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1020709	Soil	9	20	1.14	313	0.082	<1	2.54	0.007	0.14	<0.1	<0.01	2.3	0.1	<0.05	8	<0.5	<0.2
1020710	Soil	10	20	1.46	416	0.247	<1	2.73	0.010	0.69	<0.1	<0.01	1.7	0.2	<0.05	8	<0.5	<0.2
1020711	Soil	24	23	1.54	178	0.241	1	2.88	0.008	0.87	<0.1	0.01	2.3	0.3	<0.05	7	<0.5	<0.2
1020712	Soil	12	17	1.34	124	0.187	<1	2.13	0.010	0.39	<0.1	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1020713	Soil	10	24	1.69	391	0.203	2	2.64	0.010	0.27	<0.1	0.01	6.6	<0.1	<0.05	11	<0.5	<0.2
1020714	Soil	10	27	1.14	383	0.137	<1	2.24	0.010	0.14	0.1	0.02	3.6	<0.1	<0.05	7	<0.5	<0.2
1020715	Soil	5	24	1.73	328	0.215	<1	2.66	0.006	0.43	<0.1	<0.01	1.6	0.1	<0.05	7	<0.5	<0.2
1020716	Soil	7	23	1.61	515	0.247	<1	2.66	0.011	0.69	<0.1	0.01	2.3	0.2	<0.05	7	<0.5	<0.2
1020717	Soil	7	28	1.24	301	0.168	<1	2.38	0.009	0.19	<0.1	<0.01	2.5	<0.1	<0.05	8	<0.5	<0.2
1020718	Soil	6	23	1.58	457	0.197	<1	2.60	0.010	0.83	<0.1	<0.01	2.3	0.2	<0.05	9	<0.5	<0.2
1023786	Soil	9	36	0.85	160	0.118	<1	2.27	0.008	0.08	0.1	0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1023787	Soil	10	23	1.41	178	0.139	<1	2.63	0.009	0.06	0.1	0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1023788	Soil	9	37	0.73	265	0.071	1	2.61	0.008	0.06	0.1	0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1023551	Soil	11	45	0.68	251	0.086	1	2.27	0.011	0.06	0.2	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1023552	Soil	16	38	0.64	271	0.084	<1	1.63	0.013	0.05	0.1	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
1023553	Soil	13	40	0.66	283	0.084	1	1.99	0.011	0.05	0.1	0.02	3.7	<0.1	<0.05	5	<0.5	<0.2
1023554	Soil	12	42	1.43	312	0.185	1	2.13	0.026	0.27	0.2	0.02	6.9	0.1	<0.05	7	<0.5	<0.2
1023555	Soil	18	17	2.02	448	0.144	<1	3.39	0.016	0.19	<0.1	<0.01	12.3	<0.1	<0.05	13	<0.5	<0.2
1023556	Soil	8	64	2.07	169	0.181	1	3.29	0.015	0.11	0.1	0.02	4.4	<0.1	<0.05	8	<0.5	<0.2
1023557	Soil	9	26	1.69	562	0.203	<1	2.78	0.030	0.69	<0.1	0.01	5.9	0.3	0.23	8	2.2	<0.2
1023558	Soil	20	86	1.60	548	0.239	<1	3.20	0.022	0.64	<0.1	<0.01	10.0	0.3	0.10	11	<0.5	<0.2
1023559	Soil	8	34	0.71	184	0.095	1	2.01	0.010	0.10	0.1	0.02	2.6	<0.1	<0.05	5	<0.5	<0.2
1023560	Soil	12	31	1.62	638	0.169	<1	3.14	0.024	0.42	<0.1	<0.01	6.2	0.2	<0.05	8	1.6	<0.2
1023561	Soil	10	42	1.21	316	0.178	<1	1.92	0.014	0.40	0.1	0.02	4.1	0.2	<0.05	5	<0.5	<0.2
1023562	Soil	11	49	1.65	322	0.205	<1	2.80	0.025	0.24	<0.1	<0.01	3.6	0.1	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023563	Soil	0.6	54.7	5.8	72	<0.1	24.5	18.8	642	3.92	4.2	1.0	1.8	5.8	31	<0.1	0.3	<0.1	107	0.55	0.101
1023564	Soil	0.7	35.5	7.5	56	<0.1	25.6	13.0	438	3.02	7.4	0.5	39.9	3.8	32	<0.1	0.5	<0.1	79	0.43	0.082
1023565	Soil	0.8	46.4	7.4	63	<0.1	27.1	16.9	333	3.61	7.2	0.5	0.6	2.7	20	<0.1	0.4	0.1	104	0.26	0.053
1023566	Soil	1.0	38.8	8.6	62	<0.1	26.3	13.4	369	3.31	5.7	0.5	5.3	3.0	19	<0.1	0.3	0.1	76	0.29	0.047
1023567	Soil	0.6	56.2	5.5	59	<0.1	44.6	20.1	380	2.82	4.3	0.4	2.5	2.0	30	<0.1	0.3	<0.1	61	0.42	0.062
1023568	Soil	0.9	22.0	8.5	59	<0.1	21.1	8.5	318	2.19	5.7	1.0	2.8	7.5	24	<0.1	0.4	0.1	44	0.28	0.035
1023569	Soil	2.0	35.0	11.5	61	0.2	23.6	11.2	362	3.02	8.0	0.5	1.4	2.8	24	<0.1	0.5	0.2	71	0.23	0.027
1023570	Soil	1.4	21.0	10.7	55	0.1	23.8	9.1	295	2.76	6.7	0.6	2.0	4.0	17	<0.1	0.5	0.1	62	0.17	0.021
1023571	Soil	1.1	28.4	10.9	50	<0.1	23.9	12.7	300	3.05	8.3	0.4	31.8	2.9	23	<0.1	0.4	0.2	75	0.36	0.034
1023572	Soil	0.7	22.7	8.7	47	<0.1	20.6	9.2	255	2.53	7.1	0.7	2.7	4.0	28	<0.1	0.5	0.1	60	0.33	0.047
1023573	Soil	1.1	21.6	8.4	60	<0.1	21.7	17.3	518	3.68	4.3	0.4	2.0	2.5	17	<0.1	0.2	<0.1	84	0.27	0.056
1023574	Soil	0.9	53.6	9.1	53	<0.1	31.2	13.3	372	3.40	8.7	1.0	4.2	5.0	18	<0.1	0.7	0.1	77	0.21	0.045
1023575	Soil	0.9	31.2	8.8	69	<0.1	25.0	12.9	381	3.66	8.4	0.4	1.3	3.1	16	<0.1	0.4	0.1	88	0.18	0.035
1023576	Soil	1.0	47.6	8.4	70	<0.1	24.0	17.2	482	4.24	7.0	0.5	1.1	2.2	28	<0.1	0.4	<0.1	102	0.41	0.047
1023577	Soil	0.7	43.9	5.6	78	<0.1	19.5	18.2	401	4.05	5.6	0.3	0.9	1.6	14	<0.1	0.3	<0.1	118	0.22	0.035
1023578	Soil	0.7	19.1	9.0	48	0.1	18.8	10.8	411	2.76	4.9	0.4	<0.5	3.1	22	<0.1	0.4	0.1	70	0.37	0.019
1023579	Soil	0.5	69.1	10.5	109	<0.1	21.5	24.0	953	6.52	4.7	0.6	2.0	2.3	29	<0.1	0.3	<0.1	161	0.50	0.093
1023580	Soil	1.4	37.9	15.4	58	0.2	26.4	11.7	350	3.05	12.4	0.6	2.8	4.2	33	<0.1	0.4	0.2	78	0.41	0.029
1023581	Soil	0.7	64.5	8.0	64	<0.1	25.3	15.3	431	3.59	7.8	0.9	3.3	3.6	28	<0.1	0.5	0.1	91	0.41	0.034
1023582	Soil	1.3	126.2	11.9	76	0.2	47.0	20.8	780	3.89	4.0	0.6	6.6	4.0	60	0.1	0.3	0.3	95	1.07	0.092
1023583	Soil	1.5	122.9	9.7	71	0.2	46.9	20.2	737	3.82	3.7	0.6	4.9	3.9	59	0.1	0.3	0.3	90	1.11	0.097
1010599	Soil	1.1	41.0	10.2	65	0.1	27.4	16.2	350	3.64	9.4	0.8	8.9	5.0	21	0.2	0.5	0.2	73	0.23	0.032
1010600	Soil	2.4	53.8	10.0	113	0.2	26.0	17.3	566	4.32	17.3	0.9	3.3	4.9	23	0.3	0.6	0.1	113	0.41	0.069
1015109	Soil	1.2	43.8	8.3	61	<0.1	26.1	16.9	486	3.44	6.1	0.3	1.4	1.9	43	<0.1	0.2	0.1	79	0.33	0.069
1015110	Soil	0.7	41.1	9.1	93	<0.1	34.9	19.3	700	4.06	6.2	0.8	1.2	7.0	38	<0.1	0.4	0.1	81	0.48	0.078
1015111	Soil	0.9	36.6	9.3	74	<0.1	30.3	17.0	583	3.49	7.0	0.8	3.3	5.8	32	<0.1	0.4	0.1	73	0.38	0.076
1015112	Soil	1.0	29.3	8.1	67	<0.1	26.5	14.7	444	3.24	6.5	0.6	3.0	4.1	33	0.1	0.4	0.1	69	0.35	0.062
1015113	Soil	1.0	31.2	8.8	66	<0.1	27.5	12.9	387	3.24	7.5	0.8	6.1	4.1	42	<0.1	0.3	0.1	70	0.37	0.073
1015114	Soil	1.2	33.0	9.3	67	<0.1	29.9	13.8	398	3.30	8.0	1.0	2.2	4.7	45	<0.1	0.4	0.2	72	0.37	0.063
1015115	Soil	2.8	36.9	11.1	68	0.1	31.3	15.1	461	3.40	6.0	1.8	2.1	4.2	94	<0.1	0.3	0.1	69	0.58	0.064

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000480.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023563	Soil	18	43	1.53	428	0.236	<1	2.13	0.018	0.56	<0.1	<0.01	4.7	0.2	<0.05	8	<0.5	<0.2
1023564	Soil	13	40	0.91	311	0.128	1	1.63	0.015	0.20	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1023565	Soil	8	46	1.50	331	0.211	<1	2.34	0.014	0.47	0.1	0.02	2.8	0.2	<0.05	7	<0.5	<0.2
1023566	Soil	8	39	0.88	223	0.154	1	2.06	0.013	0.19	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1023567	Soil	7	62	1.68	193	0.147	1	2.10	0.016	0.23	<0.1	<0.01	3.1	0.1	<0.05	5	<0.5	<0.2
1023568	Soil	24	27	0.95	204	0.081	1	1.55	0.011	0.10	0.1	<0.01	3.0	0.1	<0.05	4	<0.5	<0.2
1023569	Soil	7	36	0.73	235	0.093	1	1.99	0.010	0.08	0.2	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1023570	Soil	9	37	0.65	204	0.106	<1	1.66	0.011	0.14	0.1	<0.01	3.2	<0.1	<0.05	5	0.8	<0.2
1023571	Soil	9	48	0.79	259	0.066	1	2.07	0.011	0.06	0.1	0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
1023572	Soil	13	33	0.62	319	0.084	<1	1.49	0.014	0.06	0.1	0.02	3.8	<0.1	<0.05	5	0.6	<0.2
1023573	Soil	6	36	1.51	201	0.222	<1	2.57	0.009	0.92	0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1023574	Soil	15	46	0.90	156	0.137	1	2.00	0.012	0.29	0.2	0.03	7.1	0.1	<0.05	6	<0.5	<0.2
1023575	Soil	7	37	1.08	137	0.181	2	2.23	0.011	0.34	0.1	0.03	3.7	0.1	<0.05	7	<0.5	<0.2
1023576	Soil	6	33	1.58	224	0.255	1	2.74	0.015	0.51	0.2	<0.01	3.7	0.1	<0.05	9	<0.5	<0.2
1023577	Soil	5	44	2.24	226	0.183	<1	2.97	0.017	0.35	0.1	<0.01	8.0	<0.1	<0.05	10	<0.5	<0.2
1023578	Soil	9	33	0.71	272	0.099	1	1.58	0.012	0.16	0.1	<0.01	4.6	<0.1	<0.05	6	<0.5	<0.2
1023579	Soil	11	39	2.39	503	0.282	<1	3.56	0.012	1.16	0.1	<0.01	16.4	0.4	<0.05	13	<0.5	<0.2
1023580	Soil	11	42	0.86	206	0.098	1	2.02	0.014	0.10	0.1	0.02	6.1	<0.1	<0.05	6	<0.5	<0.2
1023581	Soil	17	35	1.13	173	0.134	1	2.20	0.022	0.09	0.1	0.03	8.9	<0.1	<0.05	7	<0.5	<0.2
1023582	Soil	11	54	1.83	269	0.188	<1	2.87	0.024	0.29	0.3	0.04	6.0	0.1	<0.05	9	<0.5	<0.2
1023583	Soil	11	53	1.77	257	0.177	2	2.73	0.022	0.27	0.2	0.05	5.9	0.2	<0.05	9	<0.5	<0.2
1010599	Soil	11	39	0.67	203	0.108	1	2.88	0.014	0.07	0.1	0.02	4.8	0.1	<0.05	7	<0.5	<0.2
1010600	Soil	15	30	0.87	238	0.068	<1	2.03	0.017	0.11	0.1	0.02	6.6	0.2	<0.05	7	0.6	<0.2
1015109	Soil	6	39	0.98	139	0.123	<1	2.37	0.018	0.09	<0.1	<0.01	2.8	<0.1	<0.05	8	<0.5	<0.2
1015110	Soil	32	63	1.62	204	0.152	1	2.70	0.011	0.22	0.1	0.01	4.8	0.2	<0.05	8	0.5	<0.2
1015111	Soil	16	47	1.14	249	0.140	2	2.36	0.013	0.19	0.2	0.02	4.2	0.2	<0.05	6	0.5	<0.2
1015112	Soil	13	38	0.93	204	0.138	1	2.01	0.013	0.13	0.1	<0.01	3.4	0.1	<0.05	6	0.6	<0.2
1015113	Soil	14	39	0.81	266	0.131	1	2.06	0.013	0.12	0.2	0.02	3.8	0.1	<0.05	6	0.6	<0.2
1015114	Soil	15	44	0.90	344	0.128	2	2.42	0.014	0.12	0.1	0.02	5.0	0.1	<0.05	7	<0.5	<0.2
1015115	Soil	18	46	1.01	422	0.138	1	2.41	0.016	0.18	0.2	0.05	4.9	0.1	<0.05	7	0.6	<0.2

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Project: PED
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000480.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015116	Soil	1.5	29.8	9.1	73	<0.1	29.9	16.6	552	3.53	8.2	0.9	2.3	4.8	29	<0.1	0.3	0.2	76	0.38	0.063
1015117	Soil	1.1	38.7	8.5	78	<0.1	34.3	21.3	655	4.00	6.5	0.7	2.8	5.4	32	<0.1	0.3	0.1	79	0.35	0.073
1015118	Soil	1.8	28.7	9.8	64	<0.1	27.1	13.4	323	3.21	5.6	0.9	4.7	3.8	59	<0.1	0.3	0.1	66	0.45	0.054
1015119	Soil	2.0	26.1	10.0	60	<0.1	22.4	12.0	353	3.48	6.4	0.4	3.8	2.7	45	0.1	0.3	0.1	79	0.38	0.050
1010332	Soil	2.5	41.6	9.6	88	<0.1	34.2	16.6	423	3.62	11.6	1.1	6.6	4.7	21	0.3	0.5	0.2	101	0.32	0.068
1010333	Soil	2.0	24.1	10.0	77	<0.1	20.2	14.7	447	3.41	8.1	0.7	50.1	3.7	20	0.3	0.4	0.1	95	0.30	0.063
1010334	Soil	1.8	30.1	8.5	69	0.1	20.6	13.7	468	3.32	10.1	1.7	5.6	5.5	33	0.2	0.4	0.2	80	0.43	0.054
1010335	Soil	1.2	18.2	8.4	64	<0.1	19.1	13.6	414	3.06	7.6	0.9	3.6	5.6	23	0.2	0.3	0.1	76	0.29	0.038
1010336	Soil	1.3	16.2	7.4	60	<0.1	14.6	10.5	392	2.91	6.9	0.6	3.5	3.4	18	0.1	0.3	0.2	69	0.25	0.050
1010337	Soil	1.2	26.8	8.0	75	<0.1	13.0	15.9	675	3.83	6.3	0.6	5.1	5.8	25	<0.1	0.3	0.1	76	0.42	0.064
1010338	Soil	1.4	23.0	9.5	63	<0.1	21.1	13.1	375	3.04	7.3	0.8	3.9	5.5	25	<0.1	0.4	0.2	71	0.34	0.045
1010339	Soil	1.4	22.9	9.0	68	<0.1	16.7	14.0	485	3.27	6.4	0.7	5.1	5.5	27	0.1	0.4	0.2	71	0.40	0.054
1010586	Soil	1.1	44.3	9.4	59	<0.1	27.2	13.7	345	3.23	8.7	0.7	4.0	4.0	32	<0.1	0.4	0.2	74	0.29	0.045
1010587	Soil	1.2	41.6	11.3	50	<0.1	25.2	12.6	323	2.92	5.4	0.9	4.3	3.8	34	<0.1	0.3	0.2	66	0.40	0.045
1010588	Soil	1.4	31.3	11.2	65	<0.1	25.9	13.8	404	3.33	5.2	0.7	4.0	3.4	32	<0.1	0.4	0.2	73	0.40	0.052
1010589	Soil	1.2	25.3	10.1	56	<0.1	23.6	10.4	300	2.97	7.3	0.6	5.1	3.4	26	<0.1	0.4	0.2	69	0.34	0.036
1010590	Soil	0.5	22.5	5.6	51	<0.1	13.4	10.5	414	3.22	3.9	0.8	2.3	7.1	25	<0.1	0.3	<0.1	53	0.36	0.034
1010591	Soil	0.5	21.4	6.9	49	<0.1	12.6	10.3	443	3.22	3.6	0.8	2.1	7.6	26	<0.1	0.3	<0.1	51	0.36	0.039
1010592	Soil	1.1	26.6	7.3	54	<0.1	16.0	15.5	611	3.67	6.5	0.6	2.0	4.0	19	0.1	0.3	0.1	77	0.27	0.043
1010593	Soil	1.0	39.1	7.6	59	<0.1	18.7	12.9	381	3.59	5.9	0.6	7.1	5.0	18	<0.1	0.4	0.1	73	0.21	0.032
1010594	Soil	1.1	41.8	7.4	58	<0.1	17.3	13.1	495	3.51	5.5	0.6	2.4	4.4	16	<0.1	0.3	0.1	70	0.23	0.045
1010595	Soil	0.8	33.5	8.4	51	<0.1	21.5	10.8	340	2.82	6.2	0.8	2.9	4.7	23	<0.1	0.4	0.1	61	0.29	0.042
1010596	Soil	1.0	36.0	6.6	50	<0.1	13.4	10.0	319	3.04	4.4	0.5	2.6	3.6	15	0.1	0.3	0.1	63	0.21	0.044
1010597	Soil	1.4	31.8	10.5	57	<0.1	18.2	12.6	440	3.64	7.7	0.7	3.0	4.3	17	<0.1	0.4	0.2	77	0.20	0.038
1010598	Soil	1.6	34.0	8.6	64	<0.1	14.8	14.0	398	3.36	5.8	0.7	2.3	3.8	17	0.2	0.3	0.1	65	0.22	0.051
1013251	Soil	1.1	32.1	12.8	63	<0.1	33.0	16.7	624	3.81	9.6	0.8	2.4	7.4	30	<0.1	0.6	0.2	77	0.48	0.028
1013264	Soil	0.2	30.5	2.2	75	<0.1	7.3	16.8	581	3.61	1.1	0.3	0.6	8.7	22	<0.1	<0.1	<0.1	79	0.33	0.095
1013893	Soil	1.0	22.3	8.9	59	<0.1	19.8	15.9	474	3.24	5.7	0.7	1.4	7.7	27	<0.1	0.4	0.2	68	0.39	0.031
1013275	Soil	0.6	31.7	6.7	74	<0.1	19.8	21.2	644	4.12	3.8	0.6	0.5	14.3	23	<0.1	0.2	<0.1	76	0.34	0.043
1013276	Soil	0.3	21.7	4.2	88	<0.1	10.1	21.1	715	4.89	1.8	0.6	1.1	7.8	21	<0.1	<0.1	0.2	100	0.22	0.040

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015116	Soil	12	49	1.05	214	0.136	2	2.36	0.012	0.11	0.1	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
1015117	Soil	11	58	1.40	237	0.162	1	2.92	0.012	0.20	0.1	0.02	3.8	0.2	<0.05	7	0.6	<0.2
1015118	Soil	14	43	0.96	306	0.125	1	2.23	0.015	0.11	0.1	0.03	4.1	0.1	<0.05	7	<0.5	<0.2
1015119	Soil	8	39	0.90	176	0.148	1	2.12	0.013	0.10	0.1	0.03	3.0	<0.1	<0.05	8	<0.5	<0.2
1010332	Soil	12	39	0.79	241	0.096	<1	2.42	0.015	0.08	0.1	0.01	4.8	0.1	<0.05	7	0.8	<0.2
1010333	Soil	10	31	0.82	141	0.100	<1	1.97	0.015	0.12	0.2	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
1010334	Soil	17	33	0.76	269	0.077	<1	2.08	0.014	0.08	0.1	0.03	6.9	0.1	<0.05	7	<0.5	<0.2
1010335	Soil	12	34	0.74	165	0.109	1	2.04	0.014	0.07	0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1010336	Soil	10	23	0.70	121	0.080	1	1.69	0.011	0.10	0.2	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1010337	Soil	13	20	1.15	203	0.111	1	2.21	0.012	0.29	0.2	0.02	2.3	0.1	<0.05	6	<0.5	<0.2
1010338	Soil	16	33	0.78	232	0.114	1	1.90	0.015	0.10	0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1010339	Soil	13	27	0.96	239	0.113	<1	1.94	0.013	0.17	0.1	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1010586	Soil	12	39	0.75	207	0.098	2	2.41	0.015	0.06	0.1	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1010587	Soil	15	41	0.76	261	0.088	1	2.01	0.014	0.06	0.1	0.03	4.6	<0.1	<0.05	6	<0.5	<0.2
1010588	Soil	9	42	0.87	224	0.106	1	2.19	0.016	0.07	0.1	0.02	4.6	0.1	<0.05	6	<0.5	<0.2
1010589	Soil	10	37	0.66	215	0.093	2	2.11	0.013	0.05	0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1010590	Soil	15	23	0.71	247	0.087	1	2.05	0.010	0.22	<0.1	0.01	4.5	0.2	<0.05	6	<0.5	<0.2
1010591	Soil	15	21	0.71	265	0.088	2	2.06	0.009	0.26	<0.1	0.01	4.7	0.2	<0.05	5	<0.5	<0.2
1010592	Soil	9	28	0.74	167	0.129	1	2.13	0.010	0.14	0.1	<0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1010593	Soil	10	33	0.81	129	0.138	1	2.40	0.013	0.13	0.1	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1010594	Soil	11	28	0.76	144	0.143	1	2.22	0.012	0.16	<0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1010595	Soil	15	32	0.64	213	0.108	1	1.87	0.013	0.08	0.1	0.02	3.8	<0.1	<0.05	5	<0.5	<0.2
1010596	Soil	9	23	0.68	134	0.120	2	1.88	0.010	0.15	0.1	0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1010597	Soil	11	33	0.66	148	0.133	1	2.33	0.011	0.13	<0.1	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1010598	Soil	10	24	0.59	143	0.093	2	1.94	0.016	0.07	0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1013251	Soil	17	53	1.11	253	0.135	1	2.27	0.011	0.28	0.2	0.02	5.1	0.2	<0.05	6	<0.5	<0.2
1013264	Soil	10	18	1.54	396	0.284	<1	2.46	0.010	1.37	<0.1	<0.01	0.8	0.3	<0.05	6	<0.5	<0.2
1013893	Soil	13	34	1.05	203	0.162	2	1.92	0.012	0.27	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1013275	Soil	13	35	1.76	160	0.196	<1	2.41	0.007	0.80	<0.1	<0.01	2.7	0.3	<0.05	7	<0.5	<0.2
1013276	Soil	12	25	1.68	375	0.260	<1	2.76	0.011	1.32	<0.1	<0.01	1.6	0.3	<0.05	9	<0.5	<0.2

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 24, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010131	Soil		0.5	28.1	4.1	91	<0.1	16.9	20.9	811	4.36	2.9	0.4	0.7	5.4	28	<0.1	0.2	<0.1	97	0.39	0.058
1010132	Soil		0.3	48.1	3.3	77	<0.1	12.5	19.3	683	4.00	2.2	0.3	0.5	11.0	26	<0.1	0.1	<0.1	88	0.34	0.069
1010133	Soil		1.1	21.2	8.3	66	<0.1	10.8	16.9	756	3.85	5.8	0.5	<0.5	5.0	25	<0.1	0.2	<0.1	89	0.28	0.095
1010134	Soil		0.8	30.3	4.6	75	<0.1	17.0	21.6	758	4.79	4.9	0.5	0.7	4.1	19	<0.1	0.3	<0.1	108	0.23	0.033
1011801	Soil		0.6	27.4	6.7	79	<0.1	16.1	18.4	655	4.00	5.1	0.4	<0.5	5.5	22	<0.1	0.3	<0.1	86	0.23	0.023
1011802	Soil		1.0	17.9	9.4	48	<0.1	20.8	10.2	264	3.56	9.9	0.4	1.0	2.2	15	<0.1	0.6	0.1	74	0.13	0.035
1011803	Soil		2.2	38.5	7.9	72	<0.1	11.8	17.5	956	4.63	1.7	1.0	1.2	11.1	13	<0.1	0.3	<0.1	35	0.28	0.066
1011804	Soil		0.6	26.2	4.9	76	<0.1	16.3	20.7	963	4.87	3.9	0.5	<0.5	4.0	20	<0.1	0.3	<0.1	113	0.34	0.048
1011805	Soil		0.7	27.9	5.8	99	<0.1	19.2	25.7	1080	5.81	5.8	0.4	<0.5	4.0	27	<0.1	0.3	<0.1	140	0.51	0.058
1011806	Soil		1.1	20.9	11.8	56	<0.1	26.4	12.8	366	3.10	10.0	1.1	1.6	6.4	24	<0.1	0.6	0.2	64	0.33	0.031
1062531	Soil		0.4	21.4	6.0	115	<0.1	15.7	18.9	608	3.52	2.2	0.4	<0.5	4.8	25	<0.1	0.1	<0.1	74	0.39	0.039
1062532	Soil		0.4	21.6	4.8	86	<0.1	16.8	20.8	713	4.11	4.5	0.7	<0.5	9.0	26	<0.1	0.2	<0.1	83	0.39	0.059
1062533	Soil		0.8	20.5	11.8	82	<0.1	16.1	13.7	480	3.41	4.3	0.9	0.6	8.9	22	0.1	0.4	<0.1	75	0.28	0.052
1062534	Soil		0.4	38.6	4.1	95	<0.1	14.0	22.6	656	4.29	1.2	0.5	<0.5	8.3	31	<0.1	0.1	<0.1	81	0.38	0.067
1062535	Soil		0.4	37.0	3.1	96	<0.1	13.4	20.6	665	4.66	<0.5	1.4	<0.5	11.4	44	<0.1	0.2	<0.1	86	0.50	0.042
1062536	Soil		0.7	17.7	6.7	61	<0.1	17.3	11.6	353	3.00	6.6	0.4	1.4	4.8	21	<0.1	0.3	<0.1	67	0.27	0.050
1062537	Soil		0.5	40.5	4.8	83	<0.1	13.4	17.3	598	3.93	2.6	0.4	<0.5	6.4	21	<0.1	0.2	<0.1	86	0.33	0.099
1062538	Soil		0.7	24.0	6.0	53	<0.1	17.8	11.6	323	2.92	6.6	0.8	3.6	4.9	27	<0.1	0.4	<0.1	68	0.32	0.019
1062539	Soil		0.6	24.8	5.9	55	<0.1	17.5	12.2	332	2.82	4.5	1.1	3.0	6.1	25	<0.1	0.4	<0.1	65	0.34	0.022
1062540	Soil		0.3	12.1	1.7	76	<0.1	10.7	19.1	655	4.31	1.3	0.8	<0.5	15.2	15	<0.1	<0.1	<0.1	105	0.37	0.080
1062541	Soil		0.3	34.1	2.3	93	<0.1	9.6	24.7	838	4.47	0.7	0.3	<0.5	4.1	17	<0.1	<0.1	<0.1	87	0.37	0.173
1062542	Soil		0.8	27.5	8.8	71	<0.1	29.3	16.0	524	3.72	9.0	1.4	1.5	9.5	27	0.1	0.4	0.1	73	0.37	0.052
1062543	Soil		1.0	77.2	4.4	100	<0.1	13.4	22.6	641	5.27	3.1	0.3	<0.5	3.4	14	<0.1	0.1	<0.1	122	0.32	0.073
1062544	Soil		0.6	41.1	6.7	80	<0.1	16.5	22.5	517	4.16	4.8	0.2	<0.5	1.5	31	<0.1	0.2	<0.1	106	0.43	0.065
1062545	Soil		0.4	14.3	5.6	71	<0.1	15.6	20.6	492	3.59	5.5	0.4	0.8	5.3	45	<0.1	0.2	<0.1	67	0.47	0.035
1062546	Soil		1.0	48.7	4.8	72	<0.1	15.5	21.5	708	4.37	4.4	0.3	0.8	3.3	38	<0.1	0.2	<0.1	100	0.40	0.059
1011828	Soil		0.7	61.0	6.1	89	<0.1	18.2	21.1	468	4.79	5.3	0.2	<0.5	0.8	45	<0.1	0.2	<0.1	144	0.50	0.032
1013934	Soil		0.4	44.8	7.3	247	<0.1	21.4	23.4	588	3.83	2.6	0.4	<0.5	4.5	62	0.3	0.1	<0.1	92	0.45	0.063
1013935	Soil		0.7	110.5	6.1	68	<0.1	16.4	6.1	155	6.17	<0.5	1.7	0.8	5.5	72	<0.1	<0.1	0.2	188	0.24	0.082
1013936	Soil		0.8	118.0	6.3	66	<0.1	16.6	6.2	155	6.34	<0.5	1.7	1.6	5.0	77	<0.1	<0.1	0.2	194	0.24	0.084

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010131	Soil	14	28	1.85	414	0.302	<1	2.97	0.011	0.80	<0.1	<0.01	1.3	0.3	<0.05	8	<0.5	<0.2
1010132	Soil	8	23	1.87	363	0.328	<1	2.77	0.011	0.96	<0.1	<0.01	0.9	0.3	<0.05	7	<0.5	<0.2
1010133	Soil	10	25	1.23	214	0.216	<1	2.09	0.009	0.36	0.1	0.01	1.6	0.1	<0.05	8	<0.5	<0.2
1010134	Soil	8	32	1.72	252	0.233	<1	3.15	0.010	0.34	<0.1	<0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1011801	Soil	7	30	1.58	162	0.219	<1	2.94	0.007	0.53	<0.1	0.01	1.9	0.2	<0.05	7	<0.5	<0.2
1011802	Soil	9	35	0.58	221	0.078	2	2.14	0.009	0.07	0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1011803	Soil	30	14	0.59	481	0.005	1	1.51	0.008	0.10	<0.1	0.02	8.4	<0.1	<0.05	4	<0.5	<0.2
1011804	Soil	5	33	1.67	258	0.081	2	2.75	0.009	0.26	<0.1	<0.01	5.7	<0.1	<0.05	9	<0.5	<0.2
1011805	Soil	6	42	2.20	238	0.210	1	3.45	0.007	0.33	<0.1	<0.01	6.9	<0.1	<0.05	11	<0.5	<0.2
1011806	Soil	18	41	0.63	174	0.095	1	1.80	0.012	0.15	0.1	0.02	4.9	<0.1	<0.05	5	<0.5	<0.2
1062531	Soil	7	27	1.37	204	0.207	<1	2.39	0.016	0.11	<0.1	<0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1062532	Soil	13	31	1.71	226	0.285	1	2.65	0.010	1.12	<0.1	<0.01	2.6	0.3	<0.05	7	<0.5	<0.2
1062533	Soil	13	32	0.78	220	0.104	1	2.14	0.016	0.11	<0.1	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1062534	Soil	21	29	1.80	182	0.200	1	2.54	0.009	0.91	<0.1	<0.01	2.0	0.2	<0.05	7	0.5	<0.2
1062535	Soil	34	26	1.42	170	0.061	<1	2.40	0.009	0.15	<0.1	<0.01	6.0	<0.1	<0.05	10	<0.5	<0.2
1062536	Soil	8	29	0.75	175	0.108	<1	1.81	0.011	0.21	0.1	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
1062537	Soil	10	30	1.51	312	0.190	1	2.56	0.016	0.97	<0.1	0.02	2.6	0.2	<0.05	8	<0.5	<0.2
1062538	Soil	11	33	0.76	196	0.121	1	1.59	0.017	0.12	<0.1	0.05	4.4	<0.1	<0.05	4	<0.5	<0.2
1062539	Soil	18	32	0.74	232	0.109	<1	1.64	0.012	0.05	<0.1	0.03	4.4	<0.1	<0.05	5	0.6	<0.2
1062540	Soil	20	28	1.65	326	0.176	<1	2.71	0.025	0.84	<0.1	0.01	7.3	0.2	<0.05	10	<0.5	<0.2
1062541	Soil	12	23	1.95	560	0.249	<1	2.81	0.012	1.55	<0.1	<0.01	0.8	0.4	<0.05	7	<0.5	<0.2
1062542	Soil	25	55	1.09	147	0.094	2	2.38	0.010	0.19	<0.1	0.02	6.0	0.1	<0.05	7	<0.5	<0.2
1062543	Soil	7	34	1.97	417	0.265	<1	3.25	0.018	1.11	<0.1	<0.01	2.4	0.2	<0.05	9	<0.5	<0.2
1062544	Soil	3	33	1.68	452	0.264	1	3.01	0.024	0.63	<0.1	0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1062545	Soil	10	29	1.27	121	0.172	2	2.23	0.007	0.07	<0.1	0.02	1.7	<0.1	<0.05	7	<0.5	<0.2
1062546	Soil	5	29	2.09	264	0.265	<1	3.07	0.009	0.64	<0.1	<0.01	1.7	0.2	<0.05	8	<0.5	<0.2
1011828	Soil	3	27	1.77	324	0.300	<1	3.49	0.028	0.57	<0.1	0.01	3.8	0.1	<0.05	10	<0.5	<0.2
1013934	Soil	7	32	1.63	393	0.213	<1	2.80	0.025	0.66	<0.1	0.01	2.7	0.1	<0.05	9	<0.5	<0.2
1013935	Soil	8	78	2.08	177	0.190	<1	2.88	0.066	1.41	<0.1	<0.01	15.5	0.3	0.91	10	4.1	0.6
1013936	Soil	8	78	2.06	124	0.183	<1	3.00	0.077	1.43	<0.1	0.01	16.7	0.4	1.08	10	4.1	0.9

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013937	Soil	2.0	49.7	7.7	59	<0.1	24.6	12.2	309	3.15	9.1	0.9	<0.5	5.4	15	0.1	0.5	0.2	73	0.14	0.019
1013938	Soil	5.1	65.1	4.8	55	<0.1	30.4	18.2	598	5.01	4.1	2.6	0.8	8.9	23	<0.1	0.1	0.1	116	0.31	0.051
1013939	Soil	1.8	71.4	13.6	111	0.2	21.9	12.2	296	4.55	5.6	1.7	1.4	6.8	29	0.1	0.3	0.3	97	0.16	0.039
1013940	Soil	1.0	25.4	10.8	55	<0.1	5.5	7.7	337	2.19	1.4	0.5	7.2	2.2	25	<0.1	0.1	0.1	69	0.21	0.033
1013941	Soil	1.8	35.6	11.1	112	0.1	14.7	14.6	594	4.05	5.3	0.8	2.4	1.6	19	0.2	0.3	0.2	105	0.25	0.078
1013942	Soil	0.9	43.4	9.9	47	0.1	19.9	12.3	206	3.04	6.3	0.8	2.4	2.9	17	<0.1	0.3	0.1	74	0.20	0.022
1013943	Soil	1.3	36.5	8.9	55	<0.1	20.7	12.7	237	3.33	5.8	0.4	1.1	2.2	17	<0.1	0.2	0.1	97	0.24	0.030
1013944	Soil	1.0	58.2	6.1	95	<0.1	9.2	9.6	673	5.07	2.9	1.7	<0.5	8.8	33	<0.1	0.2	<0.1	55	0.28	0.086
1013945	Soil	0.7	20.5	7.2	80	<0.1	25.8	16.7	301	3.36	7.1	0.3	1.6	1.8	23	0.3	0.3	<0.1	80	0.34	0.030
1013946	Soil	0.9	16.1	6.9	68	<0.1	18.4	11.5	324	3.10	7.2	0.5	1.4	2.4	16	0.2	0.3	<0.1	60	0.24	0.033
1013947	Soil	0.8	47.4	5.6	91	<0.1	35.3	29.4	669	5.63	3.8	0.2	2.2	1.1	7	<0.1	0.2	<0.1	176	0.24	0.052
1013948	Soil	0.8	36.5	6.9	75	<0.1	22.5	19.1	321	4.22	5.5	0.5	0.6	2.2	17	<0.1	0.2	<0.1	122	0.39	0.056
1013949	Soil	0.8	26.6	6.4	70	0.1	19.0	18.8	560	3.50	4.0	0.3	1.2	1.2	23	<0.1	0.3	<0.1	103	0.43	0.045
1013950	Soil	0.6	57.0	3.9	95	<0.1	33.0	20.5	715	5.57	4.2	0.5	1.5	2.7	18	<0.1	0.2	<0.1	161	0.28	0.039
1010140	Soil	1.0	47.8	8.3	71	0.2	25.8	15.5	545	4.11	6.7	0.8	1.9	4.0	14	<0.1	0.4	0.1	111	0.18	0.026
1010141	Soil	0.9	57.0	6.7	58	0.2	23.6	14.9	546	3.65	7.3	0.4	1.9	2.1	26	<0.1	0.3	0.1	108	0.40	0.030
1010142	Soil	0.6	47.0	4.3	41	<0.1	16.4	13.6	276	2.91	4.3	0.2	0.6	1.3	16	<0.1	0.2	<0.1	91	0.46	0.016
1010143	Soil	1.1	79.9	5.5	75	0.3	19.6	18.7	712	4.28	3.8	1.1	3.2	2.2	45	0.2	0.2	<0.1	118	0.81	0.066
1010144	Soil	0.3	26.6	3.7	65	<0.1	14.7	12.1	359	2.89	3.4	0.3	<0.5	1.7	43	0.1	0.2	<0.1	62	0.65	0.152
1010145	Soil	0.2	64.2	1.8	131	<0.1	13.5	12.2	586	3.96	0.7	0.7	<0.5	2.4	55	0.1	<0.1	<0.1	50	0.88	0.222
1010146	Soil	0.3	32.0	2.6	75	<0.1	12.9	14.7	688	4.12	1.8	0.9	<0.5	6.8	29	<0.1	0.1	<0.1	56	0.41	0.101
1010147	Soil	0.3	40.8	2.4	84	<0.1	11.7	14.6	781	4.22	1.8	1.0	<0.5	8.8	29	<0.1	<0.1	<0.1	58	0.45	0.103
1010148	Soil	0.4	26.4	4.7	57	<0.1	16.8	11.2	411	3.44	3.2	0.7	<0.5	3.6	26	0.1	0.2	<0.1	73	0.34	0.053
1010149	Soil	0.4	20.7	2.9	115	<0.1	17.6	15.1	748	4.34	2.5	1.0	1.7	5.3	34	<0.1	0.1	<0.1	74	0.44	0.080
1010150	Soil	0.6	37.3	4.0	190	<0.1	15.1	22.5	800	4.72	1.8	1.0	<0.5	3.3	21	0.2	0.1	<0.1	78	0.47	0.161
1010151	Soil	0.7	13.8	8.0	68	<0.1	12.7	10.7	257	2.96	6.0	5.0	1.6	10.5	19	0.1	0.4	0.3	40	0.16	0.027
1010152	Soil	0.7	57.3	5.3	89	<0.1	19.4	17.5	432	4.30	5.6	0.6	0.9	3.1	17	0.1	0.3	<0.1	108	0.38	0.104
1010153	Soil	0.7	46.5	7.2	66	<0.1	21.5	15.4	460	3.77	7.2	0.3	1.2	1.6	24	0.1	0.4	0.1	91	0.33	0.069
1010154	Soil	0.2	30.5	1.3	87	<0.1	6.1	12.9	815	5.04	0.8	0.8	0.6	6.5	16	<0.1	<0.1	<0.1	84	0.56	0.144
1010155	Soil	0.3	85.1	4.1	80	<0.1	10.7	20.4	633	5.73	2.0	0.6	1.9	2.0	15	<0.1	0.7	<0.1	89	0.18	0.042

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Project: PED
Report Date: July 24, 2011

CERTIFICATE OF ANALYSIS WHI11000480.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013937	Soil	9	38	0.64	219	0.112	1	2.30	0.009	0.10	<0.1	0.01	4.0	0.1	<0.05	6	<0.5	<0.2
1013938	Soil	11	95	2.47	232	0.319	1	4.00	0.013	0.94	<0.1	<0.01	9.1	0.3	<0.05	12	0.6	0.3
1013939	Soil	13	47	1.07	140	0.131	<1	2.71	0.023	0.10	<0.1	0.01	5.3	<0.1	0.10	8	0.6	<0.2
1013940	Soil	7	12	0.61	106	0.163	<1	1.48	0.012	0.13	<0.1	0.01	2.9	<0.1	<0.05	9	<0.5	<0.2
1013941	Soil	8	28	0.85	137	0.105	<1	2.15	0.015	0.10	<0.1	0.01	5.0	<0.1	<0.05	9	<0.5	0.3
1013942	Soil	10	39	0.62	132	0.101	1	1.97	0.017	0.04	<0.1	0.03	4.9	<0.1	<0.05	6	0.6	<0.2
1013943	Soil	7	52	0.77	128	0.131	<1	2.21	0.020	0.07	<0.1	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1013944	Soil	30	15	1.09	345	0.304	<1	2.76	0.012	0.94	<0.1	0.01	9.9	0.3	<0.05	10	<0.5	<0.2
1013945	Soil	6	37	1.22	167	0.122	2	2.70	0.014	0.07	<0.1	0.03	3.6	<0.1	<0.05	7	<0.5	<0.2
1013946	Soil	9	27	1.07	171	0.094	1	2.37	0.010	0.17	<0.1	0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1013947	Soil	4	63	2.76	147	0.235	<1	3.59	0.022	0.25	<0.1	0.01	6.8	<0.1	<0.05	12	<0.5	<0.2
1013948	Soil	7	44	1.79	190	0.194	<1	3.21	0.023	0.24	<0.1	0.02	5.9	<0.1	<0.05	9	<0.5	<0.2
1013949	Soil	5	28	1.04	269	0.127	1	2.31	0.028	0.26	<0.1	0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1013950	Soil	8	81	2.21	543	0.316	<1	3.35	0.016	0.94	<0.1	0.01	8.4	0.3	<0.05	10	<0.5	<0.2
1010140	Soil	12	48	0.91	334	0.159	<1	2.49	0.014	0.34	<0.1	0.01	6.9	0.1	<0.05	8	<0.5	<0.2
1010141	Soil	7	38	0.87	219	0.129	2	2.33	0.021	0.15	<0.1	0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
1010142	Soil	4	27	0.88	126	0.124	1	2.02	0.046	0.07	<0.1	<0.01	4.7	<0.1	<0.05	5	<0.5	<0.2
1010143	Soil	12	39	1.16	366	0.137	1	2.72	0.022	0.18	<0.1	0.04	8.3	<0.1	<0.05	9	<0.5	<0.2
1010144	Soil	7	21	0.91	181	0.104	<1	1.67	0.018	0.08	<0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1010145	Soil	7	20	1.23	107	0.105	1	2.20	0.010	0.06	<0.1	<0.01	1.7	<0.1	<0.05	9	0.5	<0.2
1010146	Soil	8	24	0.94	140	0.124	<1	2.08	0.010	0.21	<0.1	<0.01	2.5	<0.1	<0.05	10	<0.5	<0.2
1010147	Soil	11	23	1.02	151	0.134	<1	2.13	0.011	0.22	<0.1	<0.01	3.0	<0.1	<0.05	10	<0.5	<0.2
1010148	Soil	9	30	0.92	137	0.190	<1	2.02	0.012	0.26	<0.1	<0.01	2.9	<0.1	<0.05	8	<0.5	<0.2
1010149	Soil	10	31	1.24	197	0.210	1	2.32	0.012	0.73	<0.1	<0.01	3.4	0.2	<0.05	9	0.6	<0.2
1010150	Soil	18	33	1.96	597	0.189	<1	2.76	0.020	0.89	<0.1	<0.01	8.9	0.2	<0.05	14	1.3	<0.2
1010151	Soil	22	22	0.48	244	0.048	<1	1.54	0.009	0.14	<0.1	<0.01	2.9	<0.1	<0.05	4	0.8	<0.2
1010152	Soil	10	32	1.61	318	0.199	<1	2.98	0.019	0.37	<0.1	<0.01	4.4	0.1	<0.05	10	<0.5	<0.2
1010153	Soil	6	40	1.11	201	0.164	1	2.49	0.017	0.13	0.1	0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1010154	Soil	21	9	1.62	395	0.204	<1	2.48	0.016	1.04	<0.1	<0.01	12.2	0.2	<0.05	12	<0.5	<0.2
1010155	Soil	10	12	0.97	442	0.014	1	2.35	0.009	0.13	<0.1	<0.01	10.9	<0.1	<0.05	6	0.6	<0.2

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Project: PED
Report Date: July 24, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010156	Soil		0.5	39.3	5.3	75	<0.1	15.4	17.1	358	3.76	5.3	0.3	1.8	1.7	29	<0.1	0.3	<0.1	111	0.33	0.036
1010157	Soil		0.6	36.7	5.8	48	0.1	16.3	11.2	278	2.87	5.2	0.5	2.0	2.4	26	<0.1	0.4	<0.1	84	0.37	0.016
1010158	Soil		0.7	51.5	4.5	80	<0.1	26.7	18.4	423	4.31	5.0	0.4	<0.5	1.8	28	<0.1	0.2	<0.1	112	0.44	0.072
1010667	Soil		2.0	32.3	7.6	144	0.5	24.1	9.5	539	2.40	4.4	1.0	0.5	2.3	53	1.8	0.4	0.2	51	0.62	0.173
1010668	Soil		3.2	47.6	8.6	111	0.5	29.9	9.1	292	2.74	9.1	1.5	3.5	3.7	48	0.6	0.6	0.2	54	0.60	0.075
1010669	Soil		1.0	34.0	10.1	84	0.2	33.3	10.6	312	2.59	8.0	0.9	2.4	6.4	31	0.3	0.6	0.2	50	0.58	0.032
1013819	Soil		0.9	24.4	8.0	74	<0.1	20.9	15.2	609	3.19	6.1	0.5	2.5	4.6	33	0.1	0.4	0.2	68	0.55	0.059
1013820	Soil		0.7	19.3	6.7	69	<0.1	18.3	12.4	605	2.85	5.1	0.4	1.9	4.0	34	0.1	0.4	0.1	58	0.51	0.053
1013821	Soil		0.8	22.7	7.3	60	<0.1	17.7	12.8	500	2.74	5.7	0.4	3.1	4.0	31	0.1	0.4	0.1	58	0.42	0.036
1013822	Soil		0.8	201.3	5.1	76	0.3	51.1	23.9	720	2.62	4.4	0.7	1.8	1.7	44	0.2	0.4	<0.1	53	0.65	0.076
1010670	Soil		1.1	70.8	23.6	395	0.2	46.0	13.1	296	2.99	8.4	1.0	2.5	4.8	32	1.3	0.5	0.1	79	0.38	0.076
1010671	Soil		1.0	60.1	7.3	140	0.1	69.5	27.6	561	4.53	6.4	1.4	2.6	13.2	24	0.1	0.2	0.2	67	0.20	0.036
1010672	Soil		1.2	53.9	5.9	64	0.3	73.5	24.2	330	3.48	5.3	1.0	17.4	4.2	34	0.1	0.3	0.2	73	0.43	0.152
1010673	Soil		1.2	41.2	6.0	71	0.2	24.5	8.6	240	3.07	5.3	1.4	4.3	5.9	30	0.1	0.4	0.2	57	0.25	0.044
1010674	Soil		0.6	18.6	10.4	165	<0.1	28.0	13.3	385	3.19	5.5	0.8	1.1	6.1	30	0.5	0.5	0.2	55	0.38	0.044
1010675	Soil		0.7	25.8	12.8	146	0.1	37.9	17.8	414	4.28	3.9	1.7	2.9	13.6	21	0.2	0.3	0.2	56	0.26	0.044
1010676	Soil		0.8	24.6	9.4	74	0.1	33.6	15.8	286	3.32	4.0	1.9	1.2	8.4	54	0.1	0.3	0.2	43	0.40	0.031
1010677	Soil		0.7	21.8	12.5	72	0.1	29.0	13.3	332	3.30	7.9	1.4	2.4	10.4	26	0.2	0.4	0.2	55	0.31	0.030
1010678	Soil		0.8	23.4	13.9	84	0.2	29.7	14.0	450	3.29	7.3	1.3	1.5	11.8	28	0.2	0.4	0.2	55	0.34	0.035
1010679	Soil		3.8	21.1	9.6	122	0.9	23.0	7.7	230	2.85	7.9	1.3	1.1	1.8	41	1.3	0.5	0.2	62	0.32	0.142

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010156	Soil	5	26	1.53	255	0.169	1	2.94	0.016	0.19	<0.1	<0.01	2.9	<0.1	<0.05	8	<0.5	<0.2
1010157	Soil	8	29	0.93	275	0.120	<1	1.96	0.020	0.07	<0.1	<0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1010158	Soil	6	47	1.89	367	0.299	<1	3.09	0.023	0.68	<0.1	<0.01	3.9	0.2	<0.05	9	<0.5	<0.2
1010667	Soil	10	31	0.45	850	0.066	3	1.24	0.013	0.26	<0.1	<0.01	2.4	<0.1	<0.05	4	2.1	<0.2
1010668	Soil	11	30	0.41	419	0.049	2	1.38	0.013	0.13	0.2	0.02	3.6	0.1	0.06	4	1.3	<0.2
1010669	Soil	20	32	0.58	188	0.088	2	1.36	0.016	0.22	0.2	0.03	3.7	0.1	<0.05	4	1.6	<0.2
1013819	Soil	12	34	0.84	399	0.128	3	1.82	0.018	0.35	<0.1	0.01	4.2	0.1	<0.05	5	0.7	<0.2
1013820	Soil	11	32	0.71	354	0.099	2	1.62	0.016	0.27	0.1	0.01	3.9	<0.1	<0.05	5	<0.5	<0.2
1013821	Soil	10	34	0.61	290	0.105	3	1.63	0.016	0.35	0.1	<0.01	4.0	<0.1	<0.05	5	<0.5	<0.2
1013822	Soil	7	116	1.23	333	0.065	3	2.03	0.020	0.14	<0.1	0.02	4.4	<0.1	<0.05	5	0.8	<0.2
1010670	Soil	23	43	1.03	240	0.127	2	1.74	0.015	0.56	0.1	0.06	5.7	0.1	<0.05	6	0.9	<0.2
1010671	Soil	22	43	1.30	246	0.194	1	2.53	0.013	1.23	<0.1	0.01	4.7	0.6	<0.05	8	0.6	<0.2
1010672	Soil	15	96	1.12	465	0.139	1	1.78	0.019	0.53	0.1	0.01	3.8	0.2	0.06	6	1.5	<0.2
1010673	Soil	22	35	0.60	241	0.093	<1	1.46	0.014	0.41	0.1	<0.01	2.7	0.3	0.09	4	1.0	<0.2
1010674	Soil	18	36	0.66	244	0.147	2	1.77	0.013	0.64	0.1	0.02	3.6	0.3	<0.05	6	1.0	<0.2
1010675	Soil	48	46	0.96	270	0.224	2	2.52	0.011	0.64	0.1	0.01	3.6	0.5	<0.05	8	1.0	<0.2
1010676	Soil	27	40	0.65	148	0.124	1	1.50	0.013	0.40	<0.1	0.01	2.9	0.3	0.07	5	0.8	<0.2
1010677	Soil	42	38	0.69	197	0.143	2	1.84	0.013	0.45	0.1	0.02	3.7	0.3	<0.05	6	0.8	<0.2
1010678	Soil	39	39	0.74	218	0.169	1	1.74	0.014	0.61	0.1	0.03	4.3	0.4	<0.05	6	1.1	<0.2
1010679	Soil	10	29	0.39	360	0.035	<1	1.50	0.011	0.10	0.3	0.03	2.3	0.1	<0.05	5	1.5	<0.2

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Project: PED
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000480.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1023667	Soil	0.6	18.8	4.8	55	<0.1	9.4	13.4	493	3.17	4.1	0.2	1.5	0.7	23	<0.1	0.1	<0.1	92	0.42	0.039
REP 1023667	QC	0.6	20.1	5.6	60	<0.1	9.9	14.5	539	3.41	4.7	0.2	0.7	0.8	25	<0.1	0.2	<0.1	102	0.45	0.039
1013314	Soil	1.7	34.4	11.5	71	<0.1	32.8	12.6	480	3.28	7.0	0.9	3.1	5.6	28	<0.1	0.4	0.1	71	0.39	0.036
REP 1013314	QC	1.9	35.0	12.0	73	<0.1	32.5	13.0	486	3.28	7.1	0.9	3.2	5.6	29	<0.1	0.3	0.1	73	0.40	0.037
1013318	Soil	1.0	12.2	8.4	60	<0.1	15.9	12.8	496	4.02	5.5	0.4	<0.5	2.4	15	0.1	0.4	0.1	79	0.21	0.041
REP 1013318	QC	0.9	12.6	8.8	61	<0.1	15.8	12.3	495	4.06	5.4	0.4	1.0	2.5	15	0.1	0.4	0.1	80	0.22	0.040
1012649	Soil	1.3	46.1	14.1	139	<0.1	26.5	13.7	713	4.60	12.0	1.1	14.1	4.4	31	0.1	0.6	0.1	72	0.47	0.047
REP 1012649	QC	1.3	47.7	14.1	141	<0.1	26.8	13.7	737	4.59	12.4	1.1	14.2	4.5	32	<0.1	0.6	0.1	76	0.49	0.051
1011913	Soil	0.9	25.1	9.1	69	<0.1	25.7	13.7	360	3.69	8.6	0.6	2.5	4.1	25	<0.1	0.4	0.1	83	0.23	0.026
REP 1011913	QC	0.9	26.3	8.6	71	<0.1	26.4	13.3	363	3.67	8.5	0.6	2.1	4.1	25	0.1	0.4	0.2	81	0.24	0.027
1011924	Soil	0.8	21.2	7.4	71	<0.1	28.7	16.4	366	3.81	9.3	0.5	3.2	3.9	28	0.1	0.4	0.1	83	0.28	0.049
REP 1011924	QC	0.8	20.3	7.4	65	<0.1	27.4	16.0	348	3.62	8.8	0.5	2.8	3.9	27	<0.1	0.3	0.1	79	0.26	0.047
1011377	Soil	0.7	9.7	17.6	69	0.1	14.4	7.1	615	2.14	5.1	0.4	0.9	2.3	21	0.2	0.4	0.2	49	0.24	0.049
REP 1011377	QC	0.7	9.6	17.8	70	0.2	14.0	7.4	638	2.16	5.2	0.4	<0.5	2.5	22	0.1	0.4	0.1	49	0.26	0.053
1023792	Soil	0.6	16.6	4.4	55	<0.1	16.5	12.5	443	2.87	4.1	0.7	1.0	8.1	24	<0.1	0.3	<0.1	59	0.27	0.015
REP 1023792	QC	0.7	16.1	4.3	53	<0.1	15.8	12.9	433	2.81	3.9	0.7	<0.5	8.1	26	<0.1	0.3	<0.1	58	0.28	0.015
1020705	Soil	0.7	12.1	5.1	107	<0.1	18.5	21.8	740	4.05	3.9	0.4	1.6	3.5	39	<0.1	0.3	<0.1	86	0.51	0.049
REP 1020705	QC	0.6	12.7	4.9	110	<0.1	18.8	21.3	738	4.01	3.8	0.4	<0.5	3.6	40	<0.1	0.3	<0.1	85	0.53	0.052
1023560	Soil	1.5	284.7	6.3	62	<0.1	28.2	43.2	593	4.65	3.8	1.2	2.5	3.6	99	<0.1	0.2	0.1	119	0.49	0.093
REP 1023560	QC	1.3	282.1	6.4	61	<0.1	27.0	41.3	568	4.53	3.9	1.1	<0.5	3.3	90	<0.1	0.2	0.1	117	0.46	0.079
1023577	Soil	0.7	43.9	5.6	78	<0.1	19.5	18.2	401	4.05	5.6	0.3	0.9	1.6	14	<0.1	0.3	<0.1	118	0.22	0.035
REP 1023577	QC	0.6	41.5	4.9	71	<0.1	18.2	16.7	375	3.77	5.1	0.3	0.7	1.6	13	<0.1	0.2	<0.1	110	0.21	0.034
1015110	Soil	0.7	41.1	9.1	93	<0.1	34.9	19.3	700	4.06	6.2	0.8	1.2	7.0	38	<0.1	0.4	0.1	81	0.48	0.078
REP 1015110	QC	0.7	40.7	9.3	91	<0.1	34.6	18.9	697	4.02	6.1	0.8	7.1	7.0	38	<0.1	0.3	0.1	80	0.49	0.079
1010594	Soil	1.1	41.8	7.4	58	<0.1	17.3	13.1	495	3.51	5.5	0.6	2.4	4.4	16	<0.1	0.3	0.1	70	0.23	0.045
REP 1010594	QC	1.1	42.3	7.5	59	<0.1	17.3	13.9	517	3.59	5.8	0.6	4.0	4.7	16	<0.1	0.3	0.1	72	0.24	0.046
1013893	Soil	1.0	22.3	8.9	59	<0.1	19.8	15.9	474	3.24	5.7	0.7	1.4	7.7	27	<0.1	0.4	0.2	68	0.39	0.031
REP 1013893	QC	0.8	21.6	9.0	56	<0.1	19.3	15.4	457	3.12	5.4	0.7	0.9	6.8	26	<0.1	0.4	0.1	67	0.37	0.029

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Project: PED
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000480.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1023667	Soil	2	15	0.92	286	0.074	<1	2.29	0.023	0.19	<0.1	0.01	5.4	<0.1	<0.05	6	<0.5	<0.2
REP 1023667	QC	2	16	1.00	286	0.082	1	2.47	0.027	0.21	<0.1	<0.01	5.9	<0.1	<0.05	7	<0.5	<0.2
1013314	Soil	17	49	0.88	293	0.107	<1	2.31	0.011	0.10	0.1	0.02	5.4	0.1	<0.05	6	<0.5	<0.2
REP 1013314	QC	17	50	0.89	283	0.107	2	2.29	0.012	0.10	0.1	0.04	5.6	0.1	<0.05	6	<0.5	<0.2
1013318	Soil	8	31	1.24	144	0.078	<1	2.75	0.009	0.06	<0.1	0.02	6.5	<0.1	<0.05	10	<0.5	<0.2
REP 1013318	QC	8	31	1.24	144	0.076	<1	2.70	0.009	0.06	<0.1	0.02	6.5	<0.1	<0.05	10	<0.5	<0.2
1012649	Soil	22	37	1.04	271	0.080	2	2.29	0.022	0.08	0.1	0.06	9.2	<0.1	<0.05	8	<0.5	<0.2
REP 1012649	QC	23	37	1.09	285	0.085	<1	2.39	0.022	0.10	<0.1	0.06	10.1	<0.1	<0.05	9	<0.5	<0.2
1011913	Soil	12	47	0.88	175	0.109	<1	2.71	0.011	0.04	<0.1	<0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
REP 1011913	QC	12	48	0.90	181	0.112	1	2.80	0.012	0.05	<0.1	0.03	4.1	<0.1	<0.05	8	0.8	<0.2
1011924	Soil	10	40	0.92	190	0.139	1	2.85	0.015	0.08	0.1	0.03	3.1	<0.1	<0.05	8	0.7	<0.2
REP 1011924	QC	9	40	0.91	175	0.130	1	2.72	0.014	0.07	<0.1	0.03	3.1	<0.1	<0.05	7	1.6	<0.2
1011377	Soil	10	23	0.36	312	0.023	<1	1.62	0.010	0.07	<0.1	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
REP 1011377	QC	10	24	0.38	323	0.024	<1	1.69	0.008	0.07	0.1	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1023792	Soil	22	25	0.99	197	0.177	1	1.99	0.009	0.14	<0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
REP 1023792	QC	22	23	0.99	194	0.179	<1	2.03	0.009	0.14	<0.1	<0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1020705	Soil	7	30	1.76	308	0.221	1	2.97	0.009	0.14	<0.1	0.01	2.2	<0.1	<0.05	8	<0.5	<0.2
REP 1020705	QC	7	30	1.73	317	0.225	2	2.94	0.009	0.14	<0.1	<0.01	2.1	<0.1	<0.05	8	<0.5	<0.2
1023560	Soil	12	31	1.62	638	0.169	<1	3.14	0.024	0.42	<0.1	<0.01	6.2	0.2	<0.05	8	1.6	<0.2
REP 1023560	QC	11	31	1.55	596	0.162	<1	3.02	0.021	0.40	<0.1	0.01	6.0	0.2	<0.05	8	1.4	<0.2
1023577	Soil	5	44	2.24	226	0.183	<1	2.97	0.017	0.35	0.1	<0.01	8.0	<0.1	<0.05	10	<0.5	<0.2
REP 1023577	QC	5	40	2.04	204	0.169	1	2.75	0.017	0.32	<0.1	<0.01	7.6	<0.1	<0.05	9	<0.5	<0.2
1015110	Soil	32	63	1.62	204	0.152	1	2.70	0.011	0.22	0.1	0.01	4.8	0.2	<0.05	8	0.5	<0.2
REP 1015110	QC	31	62	1.62	198	0.151	2	2.69	0.012	0.21	0.1	0.02	4.8	0.2	<0.05	8	<0.5	<0.2
1010594	Soil	11	28	0.76	144	0.143	1	2.22	0.012	0.16	<0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
REP 1010594	QC	11	28	0.78	145	0.146	2	2.31	0.011	0.17	0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1013893	Soil	13	34	1.05	203	0.162	2	1.92	0.012	0.27	0.1	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
REP 1013893	QC	12	32	0.97	192	0.161	2	1.83	0.012	0.26	0.2	<0.01	2.9	0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000480.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1062534	Soil	0.4	38.6	4.1	95	<0.1	14.0	22.6	656	4.29	1.2	0.5	<0.5	8.3	31	<0.1	0.1	<0.1	81	0.38	0.067
REP 1062534	QC	0.4	39.1	4.3	94	<0.1	14.3	23.1	664	4.42	1.4	0.5	<0.5	8.4	31	<0.1	0.1	<0.1	81	0.39	0.071
1010143	Soil	1.1	79.9	5.5	75	0.3	19.6	18.7	712	4.28	3.8	1.1	3.2	2.2	45	0.2	0.2	<0.1	118	0.81	0.066
REP 1010143	QC	1.2	78.0	5.1	73	0.4	18.2	17.9	708	4.14	4.0	1.1	1.7	2.2	43	0.1	0.2	<0.1	114	0.81	0.065
1010152	Soil	0.7	57.3	5.3	89	<0.1	19.4	17.5	432	4.30	5.6	0.6	0.9	3.1	17	0.1	0.3	<0.1	108	0.38	0.104
REP 1010152	QC	0.8	55.5	5.3	91	<0.1	19.6	17.0	431	4.26	5.6	0.6	1.1	3.2	16	<0.1	0.3	<0.1	109	0.38	0.105
Reference Materials																					
STD DS8	Standard	12.8	107.5	122.7	319	2.0	37.3	7.5	621	2.47	27.2	2.6	112.1	6.3	68	2.4	5.9	6.1	41	0.69	0.082
STD DS8	Standard	12.2	106.5	124.0	318	1.8	36.9	7.5	610	2.44	26.0	2.8	116.5	6.5	67	2.3	5.6	6.1	42	0.67	0.081
STD DS8	Standard	12.4	111.1	120.9	317	2.1	38.0	7.4	584	2.32	25.6	2.6	124.0	6.7	63	2.4	5.3	6.2	42	0.66	0.075
STD DS8	Standard	12.9	112.0	120.0	324	2.1	39.2	7.7	597	2.39	25.4	2.8	126.5	6.6	63	2.3	5.4	6.2	43	0.66	0.075
STD DS8	Standard	12.8	106.2	121.2	291	1.6	37.6	7.4	597	2.33	25.4	2.7	102.9	6.8	68	2.2	5.7	6.5	42	0.68	0.073
STD DS8	Standard	13.3	104.3	121.3	301	1.7	36.6	7.1	579	2.31	25.4	2.7	98.0	6.8	69	2.3	5.7	6.6	41	0.64	0.075
STD DS8	Standard	14.1	116.0	130.8	323	1.7	38.9	7.9	604	2.48	27.1	2.9	111.2	7.4	73	2.3	6.1	7.1	45	0.68	0.083
STD DS8	Standard	14.2	115.6	132.9	329	1.8	39.4	7.9	612	2.47	27.0	3.0	120.4	7.7	73	2.1	6.0	7.0	44	0.69	0.081
STD DS8	Standard	13.8	112.8	120.7	323	1.8	37.9	7.5	621	2.47	27.2	2.6	112.9	6.8	68	2.4	5.9	6.8	44	0.69	0.081
STD DS8	Standard	14.3	119.7	124.4	335	2.0	39.0	7.9	649	2.58	28.4	3.0	113.3	7.2	70	2.4	5.9	6.8	45	0.72	0.085
STD DS8	Standard	12.6	114.9	133.8	322	1.8	38.5	7.8	606	2.40	26.2	2.9	111.5	6.9	64	2.2	5.9	7.3	44	0.67	0.081
STD DS8	Standard	12.8	116.9	136.0	335	1.8	40.4	7.7	605	2.46	26.6	2.9	122.7	7.2	69	2.2	6.2	7.4	44	0.67	0.085
STD DS8	Standard	12.8	114.5	123.0	326	1.8	40.2	7.9	597	2.39	26.7	2.5	108.6	6.2	55	2.5	4.9	5.8	40	0.64	0.079
STD DS8	Standard	13.7	120.5	117.5	331	1.8	39.2	7.9	599	2.44	26.0	2.5	104.1	6.6	57	2.3	4.9	5.5	43	0.65	0.084
STD DS8	Standard	13.5	118.9	127.1	332	1.8	42.7	7.9	634	2.58	28.3	2.7	112.9	6.8	71	2.3	5.9	7.3	44	0.67	0.087
STD DS8	Standard	13.4	115.8	123.1	323	1.7	39.2	7.7	626	2.51	28.2	2.6	104.7	6.6	67	2.4	5.9	7.0	44	0.66	0.081
STD DS8	Standard	14.5	119.9	130.2	321	1.8	41.3	7.9	615	2.43	26.1	3.0	115.5	7.5	69	2.4	6.2	6.7	45	0.68	0.079
STD DS8	Standard	14.1	114.0	126.1	307	1.9	38.6	7.7	598	2.39	24.0	2.9	114.6	7.3	67	2.0	6.0	6.4	42	0.67	0.072
STD DS8	Standard	14.9	127.9	135.8	352	2.1	43.1	8.6	677	2.72	27.7	3.1	117.1	8.2	73	2.6	6.4	7.3	48	0.76	0.082
STD DS8	Standard	14.5	122.7	126.9	337	1.9	41.9	8.4	648	2.56	26.3	3.0	123.0	7.6	71	2.3	6.0	7.0	44	0.71	0.079
STD DS8	Standard	12.8	112.3	123.2	306	1.7	40.6	7.6	588	2.36	24.4	2.6	122.8	6.4	59	2.1	4.8	5.9	43	0.65	0.075
STD DS8	Standard	13.3	115.5	123.2	305	1.7	40.1	7.9	606	2.43	24.9	2.7	104.1	7.0	63	2.2	4.8	6.1	44	0.70	0.074

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000480.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1062534	Soil	21	29	1.80	182	0.200	1	2.54	0.009	0.91	<0.1	<0.01	2.0	0.2	<0.05	7	0.5	<0.2
REP 1062534	QC	22	29	1.82	188	0.200	<1	2.59	0.009	0.92	<0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1010143	Soil	12	39	1.16	366	0.137	1	2.72	0.022	0.18	<0.1	0.04	8.3	<0.1	<0.05	9	<0.5	<0.2
REP 1010143	QC	12	38	1.11	358	0.134	1	2.66	0.021	0.18	<0.1	0.04	8.2	<0.1	<0.05	9	<0.5	<0.2
1010152	Soil	10	32	1.61	318	0.199	<1	2.98	0.019	0.37	<0.1	<0.01	4.4	0.1	<0.05	10	<0.5	<0.2
REP 1010152	QC	10	32	1.61	309	0.202	<1	2.98	0.019	0.37	<0.1	0.01	4.4	0.1	<0.05	9	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	15	114	0.60	286	0.116	3	0.91	0.088	0.43	3.2	0.21	1.9	5.7	0.11	5	6.1	5.1
STD DS8	Standard	15	116	0.58	286	0.116	2	0.91	0.091	0.43	3.1	0.22	2.1	5.7	0.13	5	5.7	5.3
STD DS8	Standard	14	114	0.63	263	0.112	3	0.89	0.084	0.45	2.9	0.20	2.0	5.5	0.15	5	5.6	4.6
STD DS8	Standard	15	116	0.61	266	0.117	3	0.89	0.082	0.43	2.9	0.23	2.0	5.4	0.15	5	5.7	5.4
STD DS8	Standard	14	114	0.58	257	0.115	2	0.85	0.083	0.40	2.6	0.19	2.0	4.8	0.15	4	5.4	4.1
STD DS8	Standard	15	113	0.59	263	0.116	2	0.86	0.082	0.40	2.9	0.20	2.0	5.0	0.17	5	5.5	4.7
STD DS8	Standard	14	126	0.61	278	0.123	2	0.93	0.095	0.43	2.9	0.20	2.4	5.2	0.18	5	5.7	4.8
STD DS8	Standard	15	124	0.63	279	0.126	4	0.95	0.096	0.42	3.1	0.20	2.4	5.2	0.21	5	4.3	4.9
STD DS8	Standard	14	121	0.64	286	0.120	3	0.92	0.089	0.42	3.0	0.22	1.9	5.6	0.13	5	5.3	5.2
STD DS8	Standard	15	129	0.64	297	0.128	3	0.94	0.091	0.42	3.1	0.21	2.0	5.5	0.17	5	5.1	4.9
STD DS8	Standard	12	123	0.61	273	0.115	2	0.89	0.071	0.42	2.9	0.21	1.8	5.4	0.16	4	4.5	4.8
STD DS8	Standard	13	123	0.63	282	0.116	2	0.94	0.082	0.42	3.0	0.20	1.8	5.4	0.17	5	5.7	4.4
STD DS8	Standard	13	112	0.60	276	0.091	2	0.86	0.080	0.40	3.1	0.19	1.9	5.4	0.17	5	5.6	4.8
STD DS8	Standard	14	116	0.60	273	0.099	3	0.90	0.082	0.41	2.9	0.18	2.1	5.2	0.19	5	4.9	4.8
STD DS8	Standard	14	120	0.61	288	0.123	3	0.95	0.099	0.42	3.2	0.23	2.0	5.6	0.13	5	6.1	5.3
STD DS8	Standard	14	119	0.61	284	0.111	2	0.90	0.090	0.42	3.1	0.19	2.1	5.4	0.13	5	5.6	5.2
STD DS8	Standard	16	123	0.62	272	0.134	3	0.90	0.083	0.42	3.1	0.20	1.9	5.6	0.16	4	4.6	4.9
STD DS8	Standard	15	118	0.60	272	0.133	2	0.88	0.083	0.41	2.9	0.20	1.7	5.4	0.13	4	4.6	5.1
STD DS8	Standard	17	131	0.68	287	0.149	3	0.99	0.092	0.47	3.4	0.22	2.3	6.0	0.19	6	5.9	5.5
STD DS8	Standard	16	127	0.66	272	0.138	2	0.95	0.089	0.44	3.0	0.22	2.3	5.5	0.14	5	5.5	5.8
STD DS8	Standard	14	123	0.58	260	0.114	2	0.86	0.079	0.38	2.7	0.21	2.0	5.1	0.17	4	5.1	4.1
STD DS8	Standard	14	126	0.60	264	0.115	3	0.90	0.082	0.40	2.7	0.22	2.0	5.3	0.17	4	5.1	4.3

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000480.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	14.9	117.0	132.7	313	1.7	40.6	8.3	603	2.42	25.6	3.0	103.2	7.1	63	2.2	5.1	6.0	42	0.70	0.076
STD DS8	Standard	15.8	127.4	140.6	329	1.8	44.0	8.8	648	2.61	27.6	3.1	106.0	7.6	70	2.5	5.7	6.2	45	0.75	0.080
STD DS8	Standard	11.9	104.6	113.5	317	1.9	36.6	7.3	630	2.50	24.9	2.6	110.7	6.1	63	2.4	5.6	5.9	36	0.66	0.073
STD DS8	Standard	12.3	104.8	115.3	305	1.8	35.4	6.8	600	2.34	24.9	2.5	99.5	6.5	64	2.6	5.2	6.0	34	0.68	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 24, 2011

QUALITY CONTROL REPORT WHI11000480.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	128	0.60	273	0.120	2	0.90	0.091	0.42	3.0	0.19	2.0	5.1	0.13	4	5.1	4.4
STD DS8	Standard	16	139	0.63	293	0.130	2	0.94	0.097	0.43	3.1	0.19	2.3	5.5	0.14	5	5.6	5.2
STD DS8	Standard	14	113	0.63	265	0.115	2	0.81	0.080	0.47	2.9	0.18	2.1	5.0	0.13	5	3.7	4.8
STD DS8	Standard	13	112	0.60	275	0.110	3	0.96	0.103	0.44	2.8	0.20	2.0	5.0	0.11	5	5.3	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: July 16, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000481.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-12
P.O. Number
Number of Samples: 247

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	247	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	247	Dry at 60C			WHI
1DX2	247	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme
Peter Tallman

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010680	Soil	2.8	50.5	5.4	81	0.4	16.4	5.4	179	2.46	4.9	1.1	3.1	3.2	27	0.5	0.4	0.2	43	0.27	0.082
1010681	Soil	3.4	99.4	27.4	1229	0.4	213.6	15.8	259	4.06	22.6	3.0	3.4	7.3	70	2.6	0.8	0.4	54	0.15	0.086
1010682	Soil	3.6	91.5	27.0	1017	0.4	180.7	13.0	228	3.83	20.6	2.7	4.8	6.5	81	2.0	0.9	0.3	56	0.17	0.090
1010683	Soil	4.3	35.6	9.5	118	0.4	31.4	11.1	276	2.65	6.3	1.6	1.7	3.0	35	1.3	0.4	0.2	58	0.33	0.100
1010684	Soil	1.8	41.0	7.3	93	0.3	32.9	9.7	144	2.59	5.1	2.1	1.7	5.3	24	0.2	0.4	0.2	57	0.19	0.043
1010685	Soil	1.3	29.7	8.3	65	0.7	33.8	12.0	280	2.60	8.8	1.6	1.9	4.2	26	0.4	0.5	0.2	57	0.31	0.056
1010686	Soil	2.2	89.9	7.3	70	1.1	32.3	6.7	137	2.56	2.7	3.3	4.2	4.4	48	0.3	0.4	0.2	26	0.87	0.058
1015132	Soil	0.7	50.0	5.7	46	0.1	52.9	13.4	323	2.26	7.5	0.4	2.2	3.1	29	<0.1	0.5	<0.1	54	0.47	0.041
1015133	Soil	2.5	80.1	6.9	141	0.4	67.0	16.5	565	3.31	6.9	2.5	7.4	4.9	36	0.5	0.5	0.1	90	0.45	0.094
1015134	Soil	1.3	52.3	4.5	96	0.3	68.3	16.8	652	2.59	8.0	0.8	6.7	2.6	186	0.3	0.3	<0.1	72	8.70	0.105
1015135	Soil	3.0	107.7	3.9	98	0.2	70.3	19.5	512	3.95	4.7	1.8	5.4	4.9	33	<0.1	0.2	<0.1	114	0.33	0.082
1015136	Soil	2.3	93.6	6.5	139	0.3	78.9	20.1	690	3.67	7.3	1.6	1.7	3.9	33	0.3	0.3	0.1	117	0.36	0.079
1015137	Soil	2.3	66.3	6.0	115	0.3	46.6	12.8	389	2.77	6.9	2.4	5.4	4.6	33	0.2	0.4	0.1	92	0.54	0.100
1015138	Soil	2.3	69.4	5.3	123	0.4	49.8	13.4	442	2.82	6.8	2.1	5.6	4.4	32	0.3	0.4	<0.1	94	0.55	0.109
1015139	Soil	3.3	87.8	9.2	159	0.3	45.9	14.6	453	2.98	8.0	1.8	3.2	4.8	35	0.8	0.4	0.2	72	0.35	0.063
1015140	Soil	1.5	33.9	8.5	193	0.3	41.4	16.6	571	3.03	3.6	0.7	3.1	4.4	27	0.5	0.3	0.1	69	0.41	0.051
1015141	Soil	1.3	60.4	7.9	70	0.3	38.9	13.3	559	3.06	11.6	1.0	11.1	4.4	33	0.1	0.6	0.1	61	0.48	0.075
1015142	Soil	1.8	67.3	8.0	96	0.4	64.3	15.4	481	3.37	7.9	1.3	7.0	5.5	27	0.3	0.6	0.2	77	0.38	0.067
1015143	Soil	4.5	75.3	10.2	214	0.7	68.4	11.6	288	3.42	8.2	2.1	4.8	4.7	41	1.8	0.5	0.2	76	0.37	0.098
1013401	Soil	0.6	30.3	4.4	98	<0.1	17.4	17.9	539	3.47	4.3	0.3	<0.5	4.3	19	<0.1	0.2	<0.1	87	0.27	0.042
1013402	Soil	0.1	12.2	2.1	61	<0.1	12.8	24.4	545	5.91	0.8	0.7	0.8	11.1	62	<0.1	<0.1	<0.1	200	0.36	0.095
1013403	Soil	0.1	11.3	2.1	59	<0.1	13.5	25.7	592	6.24	1.4	0.7	0.9	10.1	57	<0.1	<0.1	<0.1	209	0.36	0.088
1013404	Soil	0.2	40.2	2.6	90	<0.1	11.8	19.8	526	3.84	1.8	0.5	0.9	6.6	34	<0.1	<0.1	<0.1	88	0.48	0.091
1013405	Soil	<0.1	33.0	2.5	82	<0.1	11.6	20.8	584	3.83	0.8	1.0	1.2	5.0	48	<0.1	0.2	<0.1	80	0.69	0.075
1013406	Soil	0.4	22.2	3.9	135	<0.1	15.1	17.4	816	3.28	1.9	0.2	0.9	2.2	35	0.1	0.2	<0.1	64	0.48	0.097
1013407	Soil	0.6	36.3	5.8	78	<0.1	20.7	14.5	375	3.34	5.8	0.3	1.5	2.2	47	<0.1	0.3	<0.1	75	0.31	0.047
1013408	Soil	0.8	13.5	8.5	59	<0.1	17.7	10.1	304	2.53	5.8	0.3	0.8	2.4	20	<0.1	0.5	0.2	62	0.22	0.067
1013409	Soil	0.5	36.6	4.0	42	<0.1	23.0	10.4	347	2.23	3.9	0.3	1.6	1.8	26	<0.1	0.3	<0.1	56	0.45	0.040
1013410	Soil	2.1	82.6	11.7	160	0.3	44.4	19.0	968	4.47	7.0	2.2	1.0	6.4	24	0.6	0.5	0.2	107	0.37	0.136
1013411	Soil	2.7	56.1	9.3	101	0.3	26.2	7.2	326	3.27	5.9	1.3	0.7	4.5	22	0.2	0.4	0.1	80	0.12	0.053

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010680	Soil	9	25	0.43	349	0.059	1	1.26	0.013	0.26	<0.1	0.02	2.3	0.2	0.19	4	0.7	<0.2
1010681	Soil	12	36	0.27	644	0.007	<1	1.14	0.005	0.10	<0.1	0.03	4.9	0.1	<0.05	3	3.5	<0.2
1010682	Soil	14	37	0.27	640	0.017	1	1.20	0.006	0.11	0.1	0.04	4.4	0.1	<0.05	3	4.7	<0.2
1010683	Soil	10	30	0.35	412	0.046	1	1.42	0.014	0.11	0.3	0.02	3.0	0.1	<0.05	4	1.4	<0.2
1010684	Soil	18	36	0.52	239	0.074	<1	1.35	0.016	0.30	0.1	0.03	3.0	0.2	0.10	4	1.1	<0.2
1010685	Soil	14	36	0.48	341	0.057	<1	1.44	0.010	0.15	0.1	0.03	4.4	<0.1	<0.05	4	<0.5	<0.2
1010686	Soil	11	20	0.61	324	0.021	<1	1.08	0.007	0.19	0.1	0.04	1.7	0.2	0.24	3	1.6	<0.2
1015132	Soil	12	55	0.74	224	0.070	<1	1.46	0.018	0.08	<0.1	0.04	4.3	<0.1	<0.05	4	<0.5	<0.2
1015133	Soil	15	64	0.93	395	0.134	1	1.68	0.017	0.44	0.1	0.03	4.0	0.2	0.06	6	1.1	<0.2
1015134	Soil	10	50	0.96	297	0.122	<1	1.24	0.012	0.37	0.2	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1015135	Soil	18	92	1.26	567	0.226	2	2.02	0.018	1.05	0.1	0.02	4.8	0.4	0.18	7	1.1	<0.2
1015136	Soil	16	80	1.19	389	0.169	1	2.07	0.009	0.80	0.3	0.03	4.7	0.3	0.09	7	1.3	<0.2
1015137	Soil	16	54	0.83	489	0.111	1	1.44	0.014	0.43	0.1	0.03	3.4	0.2	<0.05	5	1.1	<0.2
1015138	Soil	16	59	0.89	477	0.116	<1	1.50	0.014	0.59	0.2	0.03	3.1	0.2	0.06	5	0.9	<0.2
1015139	Soil	15	45	0.64	280	0.085	<1	1.58	0.015	0.30	0.2	0.04	3.9	0.2	0.05	5	0.8	<0.2
1015140	Soil	16	51	0.78	378	0.122	2	1.73	0.013	0.57	0.1	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
1015141	Soil	16	38	0.74	276	0.082	1	1.46	0.017	0.27	0.1	0.07	4.6	0.1	<0.05	5	<0.5	<0.2
1015142	Soil	20	70	1.05	421	0.121	<1	1.88	0.012	0.39	0.1	0.04	5.6	0.2	<0.05	6	0.8	<0.2
1015143	Soil	16	60	0.62	573	0.066	1	1.50	0.011	0.35	0.1	0.05	4.6	0.2	0.09	4	2.5	<0.2
1013401	Soil	7	29	1.47	327	0.232	<1	2.71	0.014	0.53	<0.1	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
1013402	Soil	25	48	4.45	523	0.297	<1	4.39	0.014	1.54	<0.1	<0.01	16.7	0.6	<0.05	14	<0.5	<0.2
1013403	Soil	24	49	4.56	510	0.306	1	4.61	0.015	1.58	<0.1	<0.01	17.7	0.6	<0.05	14	<0.5	<0.2
1013404	Soil	6	26	1.88	426	0.258	<1	2.79	0.020	0.78	<0.1	<0.01	1.5	0.2	<0.05	7	<0.5	<0.2
1013405	Soil	10	32	1.60	443	0.210	1	2.53	0.031	0.78	<0.1	<0.01	3.5	0.1	<0.05	6	<0.5	<0.2
1013406	Soil	4	31	1.52	635	0.228	2	2.42	0.014	0.49	<0.1	<0.01	1.5	0.1	<0.05	7	<0.5	<0.2
1013407	Soil	5	41	1.18	304	0.162	2	2.24	0.013	0.19	<0.1	<0.01	2.2	0.1	<0.05	6	<0.5	<0.2
1013408	Soil	8	33	0.57	244	0.061	1	1.77	0.012	0.06	0.1	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
1013409	Soil	5	50	0.80	159	0.062	2	1.68	0.025	0.08	<0.1	0.01	4.4	<0.1	<0.05	4	0.7	<0.2
1013410	Soil	17	55	0.70	240	0.022	<1	1.98	0.007	0.27	<0.1	<0.01	4.1	0.1	<0.05	8	1.0	<0.2
1013411	Soil	12	52	0.67	181	0.104	<1	1.98	0.008	0.29	<0.1	0.01	3.6	0.2	<0.05	7	1.2	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013412	Soil		1.0	66.9	3.9	62	0.1	97.4	19.1	515	3.45	14.0	0.6	1.0	3.6	63	0.1	0.2	0.1	80	0.71	0.258
1013413	Soil		4.5	81.8	6.0	277	0.7	54.3	10.2	240	3.15	9.0	2.2	4.4	4.4	45	0.8	0.5	0.2	156	0.20	0.086
1013414	Soil		0.4	14.8	12.4	69	<0.1	17.8	8.5	367	2.36	2.6	0.7	<0.5	10.4	19	<0.1	0.2	0.1	27	0.26	0.034
1013415	Soil		0.2	36.7	6.2	64	<0.1	57.3	9.8	83	2.57	1.4	1.1	1.1	8.0	6	<0.1	0.2	0.2	53	0.09	0.027
1013416	Soil		1.1	42.0	11.1	101	0.1	60.7	14.2	606	3.30	5.1	0.8	0.6	5.3	15	0.2	0.3	0.1	102	0.27	0.097
1013417	Soil		7.8	31.1	12.4	104	0.7	17.3	4.0	256	1.63	8.6	1.5	0.7	2.7	23	0.4	1.4	0.2	159	0.19	0.148
1013418	Soil		3.5	35.1	14.6	105	0.6	34.0	9.9	420	2.92	17.0	0.7	1.7	4.2	28	0.7	0.8	0.2	73	0.29	0.081
1013419	Soil		8.8	63.0	11.4	67	0.4	14.6	2.9	79	2.10	16.6	2.6	4.5	5.3	18	0.4	0.9	0.2	41	0.04	0.044
1013420	Soil		0.7	16.9	10.1	75	0.3	19.8	8.7	346	2.93	7.3	0.8	1.4	6.9	14	0.2	0.5	0.2	51	0.11	0.026
1013421	Soil		0.4	18.7	9.7	87	<0.1	19.1	8.1	353	3.34	4.2	1.0	0.6	14.5	19	<0.1	0.2	0.2	35	0.17	0.056
1013422	Soil		0.7	21.8	11.5	81	<0.1	25.1	11.4	390	3.54	4.1	1.4	<0.5	11.1	14	<0.1	0.2	0.2	42	0.13	0.028
1013423	Soil		0.6	15.7	10.0	99	0.1	28.3	13.1	746	3.19	3.5	0.7	0.5	5.9	28	0.1	0.3	0.2	47	0.28	0.077
1013424	Soil		0.6	15.2	12.5	57	<0.1	19.1	8.9	388	2.85	4.0	1.1	<0.5	8.9	15	<0.1	0.3	0.1	44	0.15	0.021
1013425	Soil		0.3	34.2	9.5	102	<0.1	41.5	16.0	403	4.81	2.4	2.4	<0.5	19.1	12	<0.1	0.1	0.3	49	0.16	0.042
1013426	Soil		0.4	20.5	11.4	73	<0.1	24.9	10.8	326	3.30	3.7	1.7	0.7	10.3	16	<0.1	0.2	0.2	43	0.16	0.051
1013427	Soil		0.1	33.5	13.0	83	<0.1	34.3	10.2	279	3.26	1.3	2.3	1.4	11.9	25	<0.1	0.2	0.3	48	0.24	0.017
1013428	Soil		0.1	32.4	13.5	80	<0.1	34.7	10.6	274	3.28	1.5	2.0	2.5	11.7	24	0.1	0.2	0.3	47	0.25	0.016
1013429	Soil		1.6	109.1	17.0	216	0.5	48.1	13.4	483	3.97	23.0	1.8	2.5	6.9	29	1.8	0.6	0.2	43	0.30	0.062
1013430	Soil		4.2	37.9	16.4	163	0.6	37.6	10.2	294	3.37	27.5	1.6	1.5	4.6	44	1.5	0.7	0.3	47	0.32	0.100
1013431	Soil		11.5	110.5	22.0	434	2.3	76.7	13.5	428	4.49	33.2	10.2	2.3	4.1	116	6.3	1.2	0.4	156	0.78	0.265
1013432	Soil		4.3	59.0	10.7	118	1.2	43.7	9.9	308	2.44	9.8	2.6	3.2	4.0	41	2.1	0.7	0.2	69	0.45	0.069
1013433	Soil		1.6	55.5	8.5	58	0.5	36.7	9.8	322	2.51	15.1	1.2	4.3	4.0	43	0.3	1.0	0.2	66	0.57	0.122
1013434	Soil		1.4	42.8	8.6	86	0.3	31.7	9.4	207	2.79	4.9	1.7	3.6	6.7	33	0.2	0.3	0.2	67	0.28	0.054
1011851	Soil		0.8	33.2	8.0	69	<0.1	18.9	25.6	976	4.45	8.3	0.4	<0.5	3.2	20	0.2	0.3	<0.1	85	0.30	0.055
1011852	Soil		0.7	26.8	6.9	51	<0.1	25.7	11.8	342	2.56	7.4	0.5	0.9	3.0	19	0.1	0.4	0.1	59	0.24	0.031
1011853	Soil		1.0	51.7	7.4	48	0.1	26.2	11.5	263	2.93	8.2	0.6	2.0	3.3	27	<0.1	0.4	0.2	75	0.25	0.037
1011854	Soil		1.2	36.9	8.0	53	<0.1	26.8	12.2	372	3.02	8.3	0.6	4.3	3.5	31	<0.1	0.5	0.2	75	0.34	0.035
1011855	Soil		1.1	30.3	8.3	61	<0.1	30.7	14.1	392	3.19	8.6	0.6	5.6	3.2	25	0.1	0.4	0.2	78	0.28	0.024
1011856	Soil		1.1	28.7	9.2	61	<0.1	23.1	11.4	378	3.32	8.8	0.8	5.2	4.3	23	<0.1	0.4	0.2	80	0.25	0.026
1011857	Soil		0.9	30.0	6.3	68	<0.1	21.0	12.4	431	3.16	5.8	0.7	2.8	3.2	27	<0.1	0.3	0.1	74	0.37	0.031

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013412	Soil	11	134	1.42	301	0.150	2	1.97	0.019	0.55	0.2	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1013413	Soil	17	55	0.54	204	0.069	<1	1.37	0.005	0.34	<0.1	0.01	3.6	0.2	<0.05	5	2.5	<0.2
1013414	Soil	17	28	0.51	201	0.035	<1	1.56	0.006	0.13	<0.1	<0.01	1.8	0.1	<0.05	5	<0.5	<0.2
1013415	Soil	29	60	0.87	191	0.106	<1	1.72	0.007	0.54	<0.1	<0.01	3.7	0.3	<0.05	6	<0.5	<0.2
1013416	Soil	12	85	1.41	795	0.154	<1	2.90	0.014	0.53	<0.1	<0.01	4.8	0.3	<0.05	8	0.7	<0.2
1013417	Soil	10	29	0.25	397	0.023	<1	1.05	0.007	0.07	0.2	0.01	2.2	<0.1	<0.05	4	3.0	<0.2
1013418	Soil	12	41	0.56	504	0.064	1	2.02	0.012	0.07	0.1	0.02	3.8	<0.1	<0.05	6	1.6	<0.2
1013419	Soil	17	18	0.11	488	0.011	1	0.69	0.003	0.06	0.2	<0.01	1.4	<0.1	<0.05	2	5.1	<0.2
1013420	Soil	15	36	0.59	177	0.152	1	1.95	0.010	0.42	0.1	0.02	2.8	0.3	<0.05	5	<0.5	<0.2
1013421	Soil	17	27	0.78	227	0.236	<1	1.91	0.007	0.82	<0.1	<0.01	2.0	0.6	<0.05	5	<0.5	<0.2
1013422	Soil	29	36	0.68	171	0.207	<1	1.95	0.008	0.87	<0.1	<0.01	3.1	0.5	<0.05	7	<0.5	<0.2
1013423	Soil	13	35	0.68	330	0.163	1	1.76	0.010	0.54	<0.1	<0.01	3.0	0.3	<0.05	8	<0.5	<0.2
1013424	Soil	26	32	0.58	140	0.187	<1	1.50	0.008	0.62	0.1	<0.01	2.9	0.4	<0.05	6	<0.5	<0.2
1013425	Soil	37	45	1.23	212	0.335	<1	2.60	0.009	1.74	<0.1	<0.01	4.4	1.0	<0.05	9	<0.5	<0.2
1013426	Soil	44	36	0.80	221	0.218	<1	1.91	0.009	0.90	<0.1	<0.01	3.3	0.6	<0.05	6	<0.5	<0.2
1013427	Soil	31	37	0.62	234	0.034	<1	1.74	0.006	0.16	<0.1	0.01	5.3	0.1	<0.05	6	<0.5	<0.2
1013428	Soil	28	38	0.62	228	0.040	<1	1.68	0.007	0.20	<0.1	0.01	5.6	0.2	<0.05	6	<0.5	<0.2
1013429	Soil	21	31	0.37	308	0.033	2	1.23	0.007	0.20	0.1	0.01	3.5	0.2	<0.05	3	0.9	<0.2
1013430	Soil	18	30	0.32	493	0.033	<1	1.20	0.008	0.17	0.2	0.01	2.8	0.1	<0.05	4	1.7	<0.2
1013431	Soil	22	49	0.41	1386	0.031	1	1.56	0.009	0.25	0.8	0.03	4.6	0.1	0.07	6	6.0	<0.2
1013432	Soil	12	36	0.43	616	0.050	1	1.60	0.011	0.11	0.3	0.03	4.0	0.2	<0.05	5	3.6	<0.2
1013433	Soil	14	30	0.55	283	0.071	1	1.29	0.023	0.10	0.2	0.07	4.1	<0.1	<0.05	4	0.9	<0.2
1013434	Soil	21	42	0.73	279	0.098	<1	1.72	0.009	0.55	<0.1	<0.01	3.5	0.3	<0.05	5	1.0	<0.2
1011851	Soil	8	36	1.05	107	0.138	1	2.54	0.020	0.12	0.1	0.01	3.9	<0.1	<0.05	7	0.7	<0.2
1011852	Soil	8	32	0.70	167	0.094	<1	2.21	0.018	0.06	0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1011853	Soil	11	38	0.63	191	0.084	2	2.41	0.015	0.05	0.1	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1011854	Soil	12	43	0.72	218	0.083	2	2.29	0.022	0.05	0.1	0.04	4.5	<0.1	<0.05	6	<0.5	<0.2
1011855	Soil	10	45	0.74	238	0.083	3	2.69	0.017	0.05	<0.1	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1011856	Soil	14	44	0.68	210	0.083	1	2.58	0.017	0.05	0.1	0.04	5.3	0.1	<0.05	7	<0.5	<0.2
1011857	Soil	13	38	0.85	217	0.102	2	2.22	0.019	0.06	<0.1	0.02	5.0	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1011858	Soil	0.8	31.4	8.1	58	<0.1	24.8	10.8	465	3.15	8.2	0.9	3.5	3.8	29	<0.1	0.5	0.2	75	0.35	0.033
1011859	Soil	0.9	21.5	7.7	62	<0.1	21.1	11.8	411	3.36	8.0	0.7	1.6	4.1	23	<0.1	0.4	0.1	71	0.31	0.030
1011860	Soil	0.7	23.2	6.3	65	<0.1	15.3	11.9	494	3.33	4.6	0.6	1.5	3.7	26	<0.1	0.3	<0.1	66	0.34	0.041
1011861	Soil	0.9	28.9	8.3	61	<0.1	22.9	13.4	484	3.46	8.5	0.8	4.2	5.0	25	<0.1	0.4	0.1	75	0.33	0.029
1011862	Soil	0.3	13.7	3.8	33	<0.1	8.3	7.5	251	1.78	2.9	0.5	1.4	4.1	34	<0.1	0.3	0.2	33	0.50	0.026
1011863	Soil	0.9	29.6	6.9	56	<0.1	21.0	10.7	438	3.10	7.8	0.8	1.8	4.4	29	<0.1	0.4	0.1	67	0.35	0.035
1011864	Soil	1.3	20.5	9.2	57	<0.1	18.0	9.5	371	3.05	8.2	0.7	3.7	4.1	17	0.1	0.5	0.2	73	0.20	0.031
1011865	Soil	1.0	15.3	9.4	45	0.1	14.8	6.6	173	2.83	7.3	0.6	3.1	3.1	17	0.1	0.3	0.2	73	0.20	0.026
1011866	Soil	1.5	16.0	7.0	49	<0.1	11.0	8.4	342	3.20	6.0	0.6	1.2	2.8	15	0.1	0.5	0.1	57	0.21	0.032
1011867	Soil	1.2	43.4	7.8	62	<0.1	20.7	11.4	396	3.24	7.1	0.7	3.5	4.1	36	<0.1	0.4	0.1	85	0.40	0.028
1011868	Soil	1.3	38.8	9.0	74	<0.1	29.2	13.1	514	3.50	10.6	1.2	4.1	4.6	35	0.1	0.5	0.2	88	0.41	0.040
1011869	Soil	8.3	58.3	29.6	262	<0.1	36.9	19.5	570	4.82	57.8	1.5	<0.5	3.3	14	1.0	2.1	0.3	193	0.37	0.098
1011870	Soil	5.7	63.5	22.1	236	<0.1	38.8	23.2	560	5.61	49.7	1.3	0.6	3.2	15	0.8	1.5	0.2	223	0.39	0.098
1011871	Soil	1.0	26.2	7.1	108	<0.1	20.8	7.3	446	3.04	11.1	0.9	1.3	3.9	23	0.3	0.4	<0.1	55	0.33	0.028
1011872	Soil	1.0	21.4	4.9	49	<0.1	13.2	12.7	396	3.60	6.1	0.6	1.3	8.0	25	<0.1	0.4	<0.1	82	0.36	0.019
1011873	Soil	0.6	48.5	5.2	53	<0.1	9.1	15.4	662	4.09	3.5	0.9	2.7	9.6	34	<0.1	0.3	<0.1	93	0.63	0.049
1011874	Soil	0.6	47.8	6.3	50	<0.1	10.5	14.1	585	3.82	3.6	0.8	2.2	8.3	31	<0.1	0.3	<0.1	84	0.54	0.044
1011875	Soil	1.0	22.4	7.6	54	<0.1	27.0	11.7	352	3.28	9.8	0.9	4.3	9.3	21	<0.1	0.5	0.1	79	0.27	0.022
1011876	Soil	0.9	11.1	7.8	59	<0.1	7.6	13.1	584	4.21	4.1	0.5	0.6	4.4	14	<0.1	0.5	<0.1	82	0.19	0.048
1011877	Soil	0.4	15.8	2.7	58	<0.1	7.8	14.0	713	3.67	2.4	0.4	0.7	5.4	44	<0.1	0.2	<0.1	74	0.49	0.075
1011878	Soil	1.1	23.1	7.0	70	<0.1	20.2	14.4	475	3.48	8.4	0.5	0.8	4.3	20	0.1	0.4	0.1	78	0.23	0.027
1011879	Soil	0.8	9.8	5.3	83	<0.1	8.2	18.3	790	4.70	3.9	0.3	<0.5	3.5	17	0.1	0.2	<0.1	96	0.26	0.062
1011880	Soil	0.2	14.7	2.3	63	<0.1	5.8	15.2	806	3.79	1.1	0.2	<0.5	4.8	32	<0.1	<0.1	<0.1	79	0.37	0.086
1011881	Soil	1.1	11.0	7.4	74	<0.1	13.3	13.0	504	4.45	6.1	0.3	0.5	2.8	23	0.2	0.4	0.1	105	0.19	0.125
1011882	Soil	0.7	10.6	5.8	67	<0.1	13.0	13.8	528	3.48	3.5	0.4	<0.5	2.8	30	<0.1	0.3	<0.1	79	0.37	0.037
1011883	Soil	0.8	9.3	6.8	46	<0.1	17.8	14.6	411	2.83	4.3	0.5	0.6	4.7	34	<0.1	0.3	<0.1	76	0.43	0.046
1011884	Soil	1.0	20.9	6.0	46	<0.1	20.5	12.3	642	2.73	6.2	0.3	1.3	3.5	35	<0.1	0.3	<0.1	67	0.50	0.034
1011885	Soil	2.1	49.0	7.7	80	0.3	32.1	13.9	485	3.22	13.0	0.7	7.7	3.6	72	0.3	0.6	0.1	86	3.99	0.073
1010493	Soil	1.1	19.8	7.7	125	<0.1	19.3	11.4	829	4.20	9.1	0.4	<0.5	2.6	27	0.2	0.4	0.1	83	0.30	0.046
1010494	Soil	0.2	38.3	2.2	176	<0.1	4.0	4.6	1071	4.79	2.5	0.8	1.1	3.8	17	0.1	0.1	<0.1	28	0.47	0.104

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Project: PED
Report Date: July 16, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1011858	Soil		16	42	0.73	307	0.086	4	2.17	0.018	0.06	0.1	0.05	7.2	<0.1	<0.05	6	<0.5	<0.2
1011859	Soil		12	39	0.73	210	0.078	3	2.53	0.017	0.06	0.1	0.03	5.2	<0.1	<0.05	6	<0.5	<0.2
1011860	Soil		12	29	0.81	242	0.097	1	2.28	0.018	0.13	<0.1	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1011861	Soil		12	41	0.72	284	0.077	3	2.52	0.015	0.06	<0.1	0.02	4.5	<0.1	<0.05	7	<0.5	<0.2
1011862	Soil		10	13	0.68	162	0.004	<1	2.27	0.009	0.05	<0.1	0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1011863	Soil		15	36	0.69	272	0.088	2	2.17	0.017	0.09	<0.1	0.04	6.0	<0.1	<0.05	6	<0.5	<0.2
1011864	Soil		13	36	0.57	175	0.085	<1	2.18	0.012	0.08	0.1	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1011865	Soil		13	30	0.44	216	0.069	3	2.08	0.011	0.06	0.1	0.02	3.4	0.1	<0.05	8	<0.5	<0.2
1011866	Soil		11	22	0.47	187	0.054	<1	1.79	0.013	0.10	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1011867	Soil		12	37	0.72	303	0.084	3	2.31	0.020	0.05	0.2	0.02	5.5	<0.1	<0.05	6	<0.5	<0.2
1011868	Soil		17	47	0.78	305	0.102	2	2.42	0.022	0.07	0.2	0.05	7.9	<0.1	<0.05	7	<0.5	<0.2
1011869	Soil		10	35	0.84	350	0.024	3	2.50	0.019	0.11	<0.1	<0.01	9.5	0.2	<0.05	8	0.8	<0.2
1011870	Soil		11	45	1.04	336	0.034	3	3.16	0.024	0.13	<0.1	0.01	10.6	0.2	<0.05	10	1.0	<0.2
1011871	Soil		13	27	0.93	381	0.073	2	2.05	0.012	0.07	<0.1	0.02	6.1	0.1	<0.05	7	0.6	<0.2
1011872	Soil		11	23	1.05	209	0.029	2	2.90	0.016	0.08	<0.1	0.01	6.2	<0.1	<0.05	8	<0.5	<0.2
1011873	Soil		17	15	1.42	384	0.043	3	3.08	0.012	0.54	0.1	<0.01	6.9	0.2	<0.05	7	<0.5	<0.2
1011874	Soil		18	17	1.25	352	0.038	1	2.84	0.011	0.41	<0.1	<0.01	6.4	0.2	<0.05	7	<0.5	<0.2
1011875	Soil		14	40	0.77	199	0.058	3	2.67	0.017	0.08	0.1	0.03	5.4	<0.1	<0.05	7	0.5	<0.2
1011876	Soil		7	16	1.06	138	0.092	1	2.64	0.007	0.58	0.2	<0.01	2.2	0.2	<0.05	6	<0.5	<0.2
1011877	Soil		21	13	1.33	419	0.186	1	2.49	0.009	0.65	0.3	0.01	3.3	0.3	<0.05	6	<0.5	<0.2
1011878	Soil		9	36	0.92	218	0.121	2	2.56	0.011	0.18	<0.1	0.02	2.8	0.1	<0.05	7	<0.5	<0.2
1011879	Soil		8	14	1.54	157	0.154	1	3.23	0.007	0.72	0.1	<0.01	1.5	0.3	<0.05	8	<0.5	<0.2
1011880	Soil		20	9	1.44	232	0.213	2	2.41	0.009	1.00	0.3	<0.01	1.2	0.3	<0.05	6	<0.5	<0.2
1011881	Soil		8	24	0.98	239	0.142	3	2.49	0.010	0.15	0.1	<0.01	2.0	0.1	<0.05	9	<0.5	<0.2
1011882	Soil		7	20	0.97	267	0.052	3	2.47	0.009	0.16	0.1	0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1011883	Soil		10	27	1.27	194	0.090	2	2.24	0.012	0.24	<0.1	<0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
1011884	Soil		7	29	0.68	370	0.077	3	1.85	0.024	0.10	0.1	0.01	3.9	<0.1	<0.05	5	<0.5	<0.2
1011885	Soil		16	34	1.03	300	0.068	4	1.86	0.034	0.12	0.1	0.05	5.2	<0.1	<0.05	5	0.5	<0.2
1010493	Soil		6	29	0.79	351	0.108	2	2.74	0.013	0.18	<0.1	<0.01	4.6	0.2	<0.05	10	<0.5	<0.2
1010494	Soil		22	16	0.85	459	0.099	<1	2.02	0.015	0.74	<0.1	<0.01	8.0	0.2	<0.05	11	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012901	Soil		0.6	13.7	8.2	46	<0.1	13.1	8.4	291	2.53	5.6	0.5	1.8	2.0	20	<0.1	0.2	0.1	52	0.20	0.035
1012902	Soil		0.5	22.3	7.7	57	<0.1	20.6	10.9	402	3.03	7.0	0.7	2.4	4.9	27	<0.1	0.3	0.1	64	0.30	0.029
1012903	Soil		0.4	18.1	5.9	95	<0.1	10.2	17.5	1013	4.64	1.9	1.0	<0.5	9.9	33	<0.1	0.2	<0.1	47	0.47	0.089
1012904	Soil		0.6	16.5	11.5	57	<0.1	10.0	11.3	389	2.81	4.1	0.4	<0.5	4.0	33	<0.1	0.2	0.1	58	0.23	0.024
1012905	Soil		1.0	16.0	8.2	45	<0.1	17.2	9.9	260	2.61	6.6	0.5	2.4	2.8	19	<0.1	0.3	0.1	64	0.18	0.021
1012906	Soil		0.7	47.2	8.2	91	<0.1	15.5	13.1	730	3.76	5.8	0.7	3.0	2.8	20	0.1	0.3	0.1	78	0.43	0.035
1012907	Soil		0.2	6.6	9.5	33	<0.1	2.1	5.9	1203	1.43	6.3	0.3	2.9	5.0	9	0.4	0.1	<0.1	8	0.35	0.021
1012908	Soil		0.5	50.6	1.3	67	0.1	51.0	30.1	1274	5.66	13.1	0.1	9.7	0.4	23	<0.1	0.3	<0.1	151	1.03	0.122
1012909	Soil		0.2	24.6	1.6	65	<0.1	8.9	15.3	341	4.23	0.7	<0.1	0.8	0.6	17	<0.1	0.3	<0.1	83	0.91	0.231
1012910	Soil		0.2	30.8	5.2	61	<0.1	20.7	14.4	458	3.65	1.6	0.4	0.7	4.6	18	<0.1	0.5	<0.1	67	0.44	0.073
1012911	Soil		0.4	29.4	5.7	59	<0.1	30.8	14.4	414	2.85	4.2	0.5	1.1	5.4	32	<0.1	0.3	<0.1	55	0.36	0.029
1012912	Soil		0.8	23.0	8.8	67	<0.1	28.8	13.2	607	3.15	7.6	0.4	1.4	3.6	20	0.2	0.4	0.1	73	0.22	0.020
1012913	Soil		0.1	35.3	21.7	105	<0.1	44.7	24.6	1251	5.08	2.5	0.3	2.2	4.1	29	0.2	0.2	<0.1	87	0.91	0.218
1012914	Soil		0.1	30.0	31.9	109	<0.1	91.1	28.8	1218	5.17	2.7	0.4	2.2	5.7	27	0.1	0.2	<0.1	87	0.79	0.180
1012915	Soil		0.8	17.2	8.2	64	<0.1	22.0	12.1	483	3.16	5.9	0.4	1.2	5.8	14	<0.1	0.4	<0.1	61	0.19	0.038
1012916	Soil		0.5	16.1	5.2	64	<0.1	14.4	8.7	488	2.91	5.9	0.2	<0.5	1.3	18	<0.1	0.2	<0.1	49	0.30	0.065
1012917	Soil		0.3	14.4	4.5	67	<0.1	9.6	9.0	282	2.64	3.7	0.3	<0.5	2.3	18	<0.1	0.2	<0.1	41	0.25	0.056
1012920	Soil		0.3	40.9	2.4	134	<0.1	25.2	20.1	907	6.82	7.1	0.4	2.2	0.6	44	<0.1	0.4	<0.1	166	0.85	0.164
1012921	Soil		0.5	44.9	5.0	136	<0.1	18.2	8.8	987	4.70	3.3	0.3	<0.5	1.0	22	<0.1	0.2	<0.1	64	0.34	0.076
1012922	Soil		0.8	26.0	6.7	616	<0.1	16.1	8.9	1155	3.59	7.7	0.6	1.2	4.2	17	0.4	0.4	0.1	49	0.20	0.037
1012923	Soil		0.6	45.2	5.9	200	<0.1	6.9	5.5	756	5.28	3.6	0.6	1.0	3.0	13	0.1	0.2	<0.1	30	0.22	0.072
1012924	Soil		0.8	22.5	10.1	76	<0.1	46.2	17.8	948	3.86	5.1	0.3	0.5	2.0	34	0.2	0.3	0.1	85	0.61	0.074
1012925	Soil		0.2	41.8	1.7	56	<0.1	88.3	22.0	421	2.68	2.0	0.2	<0.5	0.6	24	<0.1	0.2	<0.1	66	0.55	0.067
1012926	Soil		0.9	43.8	6.0	77	<0.1	13.8	13.2	521	3.94	11.6	0.4	3.0	3.1	22	<0.1	0.5	<0.1	92	0.32	0.027
1012927	Soil		0.5	14.8	3.4	69	<0.1	6.3	9.5	458	3.35	2.0	0.5	<0.5	3.0	24	<0.1	0.2	<0.1	36	0.38	0.062
1012928	Soil		0.3	9.0	3.9	55	<0.1	6.6	8.6	605	2.70	2.0	0.7	2.3	7.9	14	<0.1	0.3	<0.1	29	0.39	0.046
1012929	Soil		0.4	95.2	4.5	79	<0.1	56.4	32.7	781	5.17	3.8	0.4	<0.5	1.5	68	0.1	0.3	0.2	168	0.81	0.036
1012930	Soil		0.5	36.5	4.9	66	<0.1	48.2	17.7	407	2.83	2.9	0.2	1.0	1.0	52	<0.1	0.2	<0.1	62	0.54	0.033
1012931	Soil		0.5	48.2	6.2	51	0.1	34.5	11.3	335	2.67	9.1	0.6	3.6	3.8	34	<0.1	0.5	0.1	62	0.50	0.053
1012932	Soil		0.6	42.1	6.3	66	<0.1	56.2	17.4	398	3.06	5.4	0.4	0.7	2.4	59	<0.1	0.2	0.1	66	0.46	0.037

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012901	Soil	10	21	0.59	147	0.044	2	1.81	0.007	0.06	<0.1	<0.01	1.8	<0.1	<0.05	5	<0.5	<0.2
1012902	Soil	16	34	0.78	204	0.084	1	1.97	0.012	0.06	<0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1012903	Soil	30	14	1.35	240	0.021	<1	2.55	0.005	0.16	<0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1012904	Soil	9	16	0.87	174	0.031	<1	2.04	0.006	0.10	<0.1	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1012905	Soil	10	26	0.48	208	0.041	<1	1.95	0.010	0.04	<0.1	0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1012906	Soil	11	22	0.56	174	0.022	<1	1.91	0.012	0.04	<0.1	0.05	10.1	<0.1	<0.05	5	<0.5	<0.2
1012907	Soil	16	2	0.53	108	<0.001	<1	1.27	0.003	0.11	<0.1	0.05	2.9	0.1	<0.05	2	<0.5	<0.2
1012908	Soil	1	131	2.60	173	0.023	<1	3.49	0.005	0.02	<0.1	0.03	14.5	<0.1	<0.05	11	<0.5	<0.2
1012909	Soil	2	9	0.94	187	0.010	<1	2.16	0.027	0.04	<0.1	<0.01	9.5	<0.1	<0.05	6	<0.5	<0.2
1012910	Soil	18	40	1.13	189	0.002	<1	2.27	0.004	0.08	0.1	<0.01	8.6	0.1	<0.05	5	<0.5	<0.2
1012911	Soil	17	56	1.11	190	0.129	1	2.20	0.014	0.11	<0.1	<0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
1012912	Soil	9	68	0.88	250	0.096	<1	2.30	0.009	0.05	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1012913	Soil	25	75	1.73	171	0.004	1	3.19	0.010	0.07	<0.1	0.02	9.9	0.1	<0.05	9	<0.5	<0.2
1012914	Soil	28	189	2.46	149	0.005	1	3.64	0.008	0.08	<0.1	0.02	10.7	<0.1	<0.05	9	<0.5	<0.2
1012915	Soil	7	101	0.86	143	0.054	1	2.50	0.006	0.17	0.1	<0.01	3.7	0.2	<0.05	7	<0.5	<0.2
1012916	Soil	4	42	0.97	200	0.106	<1	2.62	0.007	0.46	<0.1	<0.01	1.5	0.2	<0.05	7	<0.5	<0.2
1012917	Soil	4	19	0.68	107	0.010	<1	1.94	0.006	0.11	<0.1	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1012920	Soil	3	60	1.58	383	0.024	<1	3.17	0.009	0.06	0.1	0.02	11.1	<0.1	<0.05	13	<0.5	<0.2
1012921	Soil	4	27	1.14	286	0.163	<1	2.63	0.011	0.57	<0.1	<0.01	4.5	0.2	<0.05	10	<0.5	<0.2
1012922	Soil	17	26	0.90	380	0.094	<1	2.12	0.009	0.33	0.2	<0.01	5.6	0.1	<0.05	8	<0.5	<0.2
1012923	Soil	12	12	1.11	315	0.042	<1	2.57	0.007	0.32	<0.1	<0.01	6.7	0.1	<0.05	12	<0.5	<0.2
1012924	Soil	5	91	1.35	258	0.114	1	2.22	0.024	0.09	0.1	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1012925	Soil	6	273	1.94	97	0.126	<1	2.02	0.017	0.06	<0.1	<0.01	6.2	<0.1	<0.05	5	<0.5	<0.2
1012926	Soil	8	31	0.85	227	0.035	<1	2.27	0.006	0.29	0.1	<0.01	6.2	0.1	<0.05	8	0.8	<0.2
1012927	Soil	7	10	0.64	243	0.029	<1	1.72	0.005	0.23	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1012928	Soil	20	7	0.57	562	0.002	<1	1.47	0.006	0.09	0.1	0.06	4.0	0.1	<0.05	5	<0.5	<0.2
1012929	Soil	5	18	2.05	470	0.191	<1	3.24	0.018	0.21	0.5	<0.01	9.7	<0.1	<0.05	9	<0.5	<0.2
1012930	Soil	3	40	1.46	224	0.121	1	2.42	0.013	0.13	0.3	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1012931	Soil	13	36	0.78	255	0.107	2	1.57	0.022	0.10	0.2	0.03	5.1	<0.1	<0.05	4	<0.5	<0.2
1012932	Soil	7	41	1.56	302	0.155	1	2.66	0.012	0.29	0.3	<0.01	4.4	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012933	Soil	0.8	45.0	7.3	68	<0.1	21.6	14.8	528	3.74	3.6	0.6	<0.5	2.0	43	<0.1	0.2	0.1	72	0.61	0.028
1023701	Soil	0.8	33.0	6.8	57	<0.1	27.0	14.5	400	3.05	7.0	0.3	<0.5	2.4	37	<0.1	0.3	0.1	81	0.50	0.044
1023702	Soil	0.8	57.0	7.4	56	0.1	34.0	17.6	476	3.51	6.6	0.6	1.4	3.8	22	<0.1	0.4	0.1	75	0.28	0.031
1023703	Soil	1.0	31.0	7.9	66	<0.1	25.6	12.0	408	2.82	9.1	1.0	3.6	3.9	30	<0.1	0.5	0.1	68	0.36	0.039
1023704	Soil	0.5	40.6	4.4	59	<0.1	9.7	15.3	463	3.00	3.8	0.5	0.7	1.4	50	<0.1	<0.1	<0.1	85	0.43	0.053
1023705	Soil	0.7	30.7	5.7	49	<0.1	19.8	12.0	330	2.63	6.3	0.5	2.2	2.9	21	<0.1	0.4	0.1	60	0.23	0.034
1023706	Soil	0.7	43.1	6.4	56	<0.1	24.0	12.9	326	2.99	8.3	0.6	1.5	3.2	26	<0.1	0.4	0.1	72	0.26	0.035
1023707	Soil	1.2	20.2	7.7	60	<0.1	20.8	12.9	390	2.96	9.7	0.5	<0.5	3.2	30	<0.1	0.5	0.2	65	0.21	0.028
1023708	Soil	0.7	19.2	7.4	48	<0.1	20.6	11.6	269	2.92	9.3	0.5	0.9	3.1	17	<0.1	0.4	0.2	67	0.16	0.025
1023709	Soil	0.9	28.6	7.3	57	<0.1	28.6	11.7	288	2.87	10.9	0.7	2.8	5.2	18	<0.1	0.6	0.6	68	0.18	0.023
1023710	Soil	0.4	29.3	4.3	51	<0.1	30.1	12.5	344	2.36	5.5	0.4	<0.5	2.5	92	<0.1	0.2	<0.1	50	1.39	0.051
1023711	Soil	0.9	16.4	6.5	75	<0.1	19.9	11.4	363	2.92	7.0	0.4	<0.5	2.4	28	<0.1	0.3	0.1	69	0.21	0.055
1023712	Soil	0.6	23.9	4.8	86	<0.1	22.7	13.3	296	2.60	3.6	0.2	27.9	1.8	40	<0.1	0.3	0.1	53	0.34	0.126
1023713	Soil	0.7	39.5	5.2	58	<0.1	23.0	16.4	497	2.89	6.1	0.4	1.1	2.6	27	<0.1	0.3	0.1	69	0.31	0.028
1023714	Soil	0.8	16.6	5.7	44	0.1	17.0	11.7	404	2.48	4.5	0.4	1.0	2.2	26	<0.1	0.4	0.1	62	0.31	0.020
1023715	Soil	1.3	20.3	6.0	47	<0.1	21.4	9.1	494	3.25	7.1	0.8	5.4	5.2	20	<0.1	0.4	0.1	45	0.27	0.030
1023716	Soil	1.1	12.8	4.6	41	<0.1	6.9	8.0	733	3.25	2.9	0.5	<0.5	2.5	22	0.1	0.4	0.2	34	0.30	0.046
1023717	Soil	1.1	12.3	10.9	103	<0.1	12.9	10.0	842	3.69	5.5	0.3	<0.5	1.9	23	0.1	0.3	0.1	54	0.29	0.058
1023718	Soil	0.7	14.7	4.7	80	<0.1	12.8	11.7	656	3.91	5.1	0.4	<0.5	2.5	33	<0.1	0.2	<0.1	54	0.42	0.062
1023719	Soil	1.1	22.9	6.5	85	<0.1	19.3	16.8	1551	4.20	5.2	0.3	<0.5	1.2	35	<0.1	0.3	0.1	109	0.52	0.113
1023720	Soil	0.7	34.5	6.5	101	0.1	22.9	19.6	655	3.30	3.4	0.3	<0.5	1.2	33	0.2	0.2	0.1	67	0.37	0.101
1023721	Soil	0.5	77.6	5.1	57	<0.1	27.5	17.1	366	3.31	10.7	0.3	1.1	3.0	71	<0.1	0.3	0.2	79	0.49	0.036
1023722	Soil	0.7	33.3	7.6	50	<0.1	25.3	12.8	339	2.93	8.7	0.6	<0.5	4.3	28	<0.1	0.6	0.2	69	0.31	0.026
1023723	Soil	0.6	30.0	5.0	60	<0.1	35.8	16.9	490	2.98	11.6	0.4	<0.5	2.9	43	<0.1	0.3	<0.1	63	0.47	0.024
1023724	Soil	0.8	6.8	5.1	62	<0.1	6.3	5.6	473	2.87	2.7	0.7	<0.5	4.6	42	<0.1	0.4	<0.1	30	0.34	0.016
1023725	Soil	0.9	8.0	34.1	57	0.1	11.0	5.9	656	1.77	2.6	1.1	0.8	2.4	29	0.1	0.2	0.3	38	0.39	0.032
1023726	Soil	0.8	7.5	34.5	52	0.1	10.9	5.2	569	1.59	2.3	1.3	<0.5	3.1	28	<0.1	0.2	0.4	34	0.35	0.028
1023727	Soil	0.8	99.1	12.7	123	<0.1	41.9	19.1	769	5.18	5.2	4.9	<0.5	41.7	24	<0.1	0.1	<0.1	78	0.56	0.101
1023728	Soil	0.7	78.6	11.9	118	<0.1	36.1	18.2	767	4.69	5.0	4.0	0.6	32.8	27	0.1	0.1	<0.1	73	0.58	0.099
1023729	Soil	1.0	44.5	6.5	59	<0.1	21.3	14.9	371	3.80	7.6	0.6	0.6	4.1	29	<0.1	0.4	0.3	92	0.29	0.014

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012933	Soil	6	29	0.99	918	0.139	2	2.45	0.013	0.16	0.6	0.01	3.6	<0.1	<0.05	8	<0.5	<0.2
1023701	Soil	6	36	0.99	207	0.140	1	2.58	0.016	0.10	<0.1	<0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1023702	Soil	7	44	1.07	161	0.066	2	2.81	0.012	0.10	<0.1	0.01	5.0	<0.1	<0.05	6	0.6	<0.2
1023703	Soil	15	38	0.72	269	0.112	1	1.81	0.015	0.07	0.1	0.03	6.4	<0.1	<0.05	5	<0.5	<0.2
1023704	Soil	5	14	1.12	293	0.144	<1	2.50	0.024	0.26	<0.1	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1023705	Soil	7	28	0.66	205	0.075	<1	1.86	0.009	0.08	0.1	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1023706	Soil	9	32	0.84	258	0.101	2	2.08	0.011	0.09	0.1	0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1023707	Soil	6	32	0.74	215	0.091	<1	2.34	0.011	0.09	0.1	0.01	2.3	<0.1	<0.05	6	<0.5	<0.2
1023708	Soil	7	30	0.60	180	0.079	<1	1.94	0.009	0.07	0.1	0.02	2.6	<0.1	<0.05	6	0.9	<0.2
1023709	Soil	13	40	0.68	191	0.085	<1	2.04	0.010	0.05	0.1	0.01	3.2	<0.1	<0.05	5	0.6	<0.2
1023710	Soil	3	28	0.98	171	0.090	1	4.18	0.013	0.12	<0.1	0.01	2.2	<0.1	<0.05	9	<0.5	<0.2
1023711	Soil	5	27	0.86	229	0.106	<1	2.57	0.010	0.17	0.1	0.02	2.0	<0.1	<0.05	7	0.7	<0.2
1023712	Soil	4	24	0.85	189	0.087	1	2.32	0.011	0.06	<0.1	0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
1023713	Soil	6	39	0.94	191	0.078	<1	2.20	0.010	0.09	0.1	0.02	3.1	<0.1	<0.05	5	0.5	<0.2
1023714	Soil	7	30	0.55	206	0.063	<1	1.58	0.010	0.05	0.1	0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1023715	Soil	17	27	0.49	241	0.028	<1	1.66	0.009	0.08	<0.1	0.03	7.5	<0.1	<0.05	5	0.9	<0.2
1023716	Soil	18	12	0.35	293	0.007	<1	1.52	0.008	0.05	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1023717	Soil	6	20	0.49	238	0.081	<1	2.05	0.009	0.10	0.1	<0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
1023718	Soil	5	18	0.82	219	0.095	<1	2.27	0.015	0.08	<0.1	<0.01	6.4	<0.1	<0.05	10	<0.5	<0.2
1023719	Soil	5	35	1.02	340	0.083	<1	2.08	0.016	0.05	0.1	0.02	4.7	<0.1	<0.05	9	<0.5	<0.2
1023720	Soil	4	34	1.13	238	0.103	2	2.17	0.012	0.05	<0.1	0.01	1.9	<0.1	<0.05	6	<0.5	<0.2
1023721	Soil	4	36	1.40	158	0.178	<1	2.51	0.029	0.05	0.1	<0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1023722	Soil	12	42	0.61	231	0.091	<1	1.74	0.011	0.06	<0.1	0.01	4.8	<0.1	<0.05	5	0.6	<0.2
1023723	Soil	7	80	1.12	128	0.116	<1	2.12	0.012	0.05	<0.1	0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1023724	Soil	15	9	0.59	189	0.010	<1	1.60	0.005	0.08	<0.1	<0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1023725	Soil	8	21	0.28	292	0.021	<1	1.47	0.009	0.09	0.1	0.02	2.0	0.1	<0.05	4	<0.5	<0.2
1023726	Soil	8	19	0.26	275	0.019	<1	1.53	0.009	0.08	<0.1	0.02	1.9	0.1	<0.05	4	<0.5	<0.2
1023727	Soil	57	70	1.57	334	0.370	<1	3.06	0.009	0.98	<0.1	<0.01	4.8	0.3	<0.05	12	0.8	<0.2
1023728	Soil	47	61	1.48	347	0.337	<1	2.94	0.009	0.89	<0.1	<0.01	4.1	0.2	<0.05	11	<0.5	<0.2
1023729	Soil	9	36	1.11	168	0.119	<1	2.46	0.013	0.08	<0.1	<0.01	5.2	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1023730	Soil	0.8	32.6	5.3	53	<0.1	16.3	11.5	296	3.25	6.0	0.4	<0.5	3.1	24	<0.1	0.4	0.2	81	0.24	0.012
1023731	Soil	0.6	54.0	5.6	71	<0.1	14.8	19.4	529	4.18	9.1	0.4	7.4	3.2	52	<0.1	0.2	0.1	106	0.84	0.068
1023732	Soil	0.6	56.9	5.5	71	<0.1	14.6	19.4	560	4.25	9.0	0.5	<0.5	3.0	57	<0.1	0.2	0.1	111	0.92	0.064
1015101	Soil	0.7	27.0	6.3	60	0.1	14.5	10.0	248	2.71	12.4	0.6	2.2	1.9	19	0.2	0.2	0.1	81	0.32	0.055
1015120	Soil	0.7	30.7	5.7	65	0.1	19.0	11.3	347	2.65	5.6	0.6	1.6	1.6	25	0.1	0.2	0.1	72	0.36	0.055
1015103	Soil	0.7	32.3	4.5	50	0.1	15.5	9.4	249	2.26	4.7	0.6	3.0	1.3	22	0.1	0.2	0.1	65	0.31	0.051
1015104	Soil	0.7	49.1	7.0	66	<0.1	28.2	12.9	472	3.48	7.7	0.8	3.5	5.6	35	<0.1	0.4	0.2	84	0.56	0.051
1015105	Soil	0.5	57.6	4.4	83	<0.1	21.0	21.4	682	4.86	5.4	0.6	3.8	3.4	34	<0.1	0.3	<0.1	148	0.62	0.049
1015106	Soil	0.9	51.8	5.5	66	0.1	22.6	19.0	694	4.28	7.0	0.9	1.8	3.4	30	<0.1	0.4	0.1	123	0.49	0.055
1015107	Soil	1.0	38.2	6.3	61	<0.1	17.4	11.5	300	2.97	4.8	0.6	1.1	2.5	19	<0.1	0.2	0.2	82	0.24	0.027
1015108	Soil	0.6	31.1	8.5	74	0.1	19.1	12.0	356	3.04	13.5	0.7	2.9	3.3	24	0.1	0.3	0.1	81	0.51	0.060
1010381	Soil	0.4	60.0	3.7	69	<0.1	22.5	20.5	404	4.21	2.9	0.4	1.2	2.4	32	<0.1	<0.1	<0.1	142	0.41	0.047
1010382	Soil	0.4	50.6	2.6	73	<0.1	9.7	20.1	402	4.75	1.7	0.5	1.9	1.6	45	<0.1	<0.1	<0.1	122	0.75	0.122
1010383	Soil	0.8	34.1	7.5	62	<0.1	20.3	11.4	349	2.83	5.6	0.9	2.3	3.4	35	0.1	0.4	0.1	74	0.50	0.047
1010384	Soil	1.0	34.8	7.4	65	<0.1	21.3	14.5	422	3.29	6.9	0.6	3.2	3.1	34	<0.1	0.4	0.1	85	0.54	0.059
1010385	Soil	0.7	33.3	6.5	61	<0.1	21.5	15.1	443	3.51	6.7	0.6	2.8	3.1	36	<0.1	0.4	0.1	88	0.55	0.062
1010386	Soil	1.0	30.2	7.4	58	0.1	21.2	12.1	350	2.75	7.0	0.7	3.3	2.8	40	0.1	0.4	0.1	72	0.55	0.043
1010387	Soil	0.7	29.4	6.6	74	0.1	16.9	13.5	421	3.21	6.6	1.3	4.7	2.6	20	0.1	0.2	0.1	87	0.35	0.069
1010388	Soil	0.9	28.3	6.7	76	0.2	15.4	12.6	428	3.15	7.8	0.8	4.0	2.4	22	<0.1	0.2	0.1	84	0.44	0.069
1010389	Soil	0.9	29.2	6.9	62	0.2	15.2	13.3	510	2.88	10.4	0.8	9.8	2.2	23	0.1	0.3	0.1	80	0.52	0.079
1015121	Soil	0.6	31.6	5.6	63	<0.1	19.4	12.4	398	3.10	4.8	0.7	6.7	2.8	31	<0.1	0.2	0.1	78	0.52	0.084
1015122	Soil	0.8	36.2	5.0	68	<0.1	16.6	13.8	456	3.46	4.0	0.6	2.9	2.9	29	<0.1	0.2	<0.1	88	0.45	0.087
1015123	Soil	1.1	30.0	7.1	82	<0.1	18.6	9.8	330	3.46	5.3	0.5	2.1	2.3	20	<0.1	0.2	0.1	91	0.28	0.041
1015124	Soil	1.0	34.8	6.3	83	<0.1	21.9	14.4	481	3.68	6.4	0.6	5.8	3.2	30	0.1	0.2	0.1	90	0.60	0.094
1015125	Soil	0.9	46.3	7.3	76	0.1	17.8	12.2	395	3.62	4.5	0.8	2.0	3.5	26	<0.1	0.3	0.1	88	0.37	0.049
1015126	Soil	1.0	39.9	6.3	80	<0.1	18.9	13.3	444	3.59	5.0	0.8	1.2	3.7	29	<0.1	0.3	0.1	85	0.48	0.071
1015127	Soil	0.8	34.2	6.6	73	<0.1	21.7	12.3	454	3.34	5.4	1.1	3.3	4.1	35	<0.1	0.3	0.1	80	0.53	0.083
1015128	Soil	1.2	32.5	8.1	72	0.1	20.1	12.9	520	3.34	6.9	0.9	3.0	3.4	32	<0.1	0.3	0.1	83	0.43	0.068
1015129	Soil	1.0	34.6	7.0	76	<0.1	18.3	10.2	446	3.17	5.7	1.2	2.2	7.6	30	<0.1	0.3	0.2	66	0.38	0.055
1015130	Soil	0.9	54.1	7.4	86	<0.1	24.2	17.1	725	4.19	6.2	1.6	5.5	6.9	31	0.1	0.4	0.2	99	0.57	0.069

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Project: PED
Report Date: July 16, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1023730	Soil	7	29	0.92	132	0.094	<1	2.09	0.011	0.06	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1023731	Soil	7	25	1.21	275	0.257	<1	3.04	0.019	0.45	<0.1	<0.01	4.6	0.1	<0.05	8	<0.5	<0.2
1023732	Soil	7	25	1.25	279	0.277	<1	3.21	0.020	0.48	<0.1	0.01	4.6	<0.1	<0.05	9	<0.5	<0.2
1015101	Soil	9	27	0.63	161	0.090	<1	1.60	0.015	0.05	0.1	0.04	3.6	<0.1	<0.05	6	<0.5	<0.2
1015120	Soil	8	31	0.73	245	0.103	1	1.80	0.018	0.07	0.2	0.03	3.3	<0.1	<0.05	6	<0.5	<0.2
1015103	Soil	8	25	0.56	257	0.090	<1	1.47	0.019	0.05	0.2	0.04	2.9	<0.1	<0.05	5	1.0	<0.2
1015104	Soil	18	40	0.86	281	0.113	<1	2.08	0.027	0.07	<0.1	0.05	7.0	<0.1	<0.05	6	<0.5	<0.2
1015105	Soil	11	33	1.75	194	0.128	<1	2.62	0.025	0.05	<0.1	0.03	10.2	<0.1	<0.05	8	<0.5	<0.2
1015106	Soil	10	38	1.24	215	0.088	<1	2.30	0.027	0.06	<0.1	0.02	8.1	<0.1	<0.05	7	0.7	<0.2
1015107	Soil	9	29	0.63	181	0.097	<1	1.93	0.016	0.05	<0.1	0.03	3.8	<0.1	<0.05	7	<0.5	<0.2
1015108	Soil	9	33	0.84	239	0.113	<1	1.90	0.020	0.08	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1010381	Soil	8	73	2.33	380	0.245	<1	3.09	0.024	0.69	<0.1	<0.01	4.8	0.1	<0.05	9	<0.5	<0.2
1010382	Soil	7	19	2.26	392	0.162	<1	3.50	0.031	0.60	<0.1	<0.01	9.1	<0.1	<0.05	10	<0.5	<0.2
1010383	Soil	11	36	0.88	261	0.128	<1	1.98	0.029	0.14	0.1	0.03	4.4	<0.1	<0.05	6	<0.5	<0.2
1010384	Soil	9	31	0.93	289	0.102	<1	1.92	0.031	0.05	0.2	0.02	5.2	<0.1	<0.05	5	<0.5	<0.2
1010385	Soil	9	30	0.89	296	0.106	<1	1.95	0.041	0.05	0.1	0.02	5.6	<0.1	<0.05	6	<0.5	<0.2
1010386	Soil	9	32	0.80	225	0.100	<1	1.73	0.029	0.08	0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1010387	Soil	10	35	1.01	227	0.127	1	1.85	0.018	0.17	0.1	0.02	5.1	<0.1	<0.05	6	<0.5	<0.2
1010388	Soil	11	28	0.89	258	0.109	<1	1.75	0.019	0.12	0.1	0.04	5.7	<0.1	<0.05	6	<0.5	<0.2
1010389	Soil	11	25	0.61	237	0.075	<1	1.59	0.021	0.06	<0.1	0.03	4.8	<0.1	<0.05	5	<0.5	<0.2
1015121	Soil	9	32	0.92	239	0.142	<1	1.91	0.021	0.15	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1015122	Soil	8	33	0.99	168	0.175	<1	2.04	0.019	0.17	<0.1	0.02	3.4	<0.1	<0.05	7	<0.5	<0.2
1015123	Soil	8	34	0.78	124	0.156	1	2.15	0.021	0.09	0.1	0.03	3.7	<0.1	<0.05	9	<0.5	<0.2
1015124	Soil	11	38	1.00	248	0.159	<1	2.16	0.020	0.15	<0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1015125	Soil	15	36	0.86	264	0.144	<1	2.41	0.019	0.13	<0.1	0.03	4.8	<0.1	<0.05	8	<0.5	<0.2
1015126	Soil	13	38	0.93	231	0.140	1	2.20	0.024	0.15	<0.1	0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
1015127	Soil	12	37	0.95	286	0.151	<1	1.91	0.025	0.15	0.3	<0.01	5.2	<0.1	<0.05	6	<0.5	<0.2
1015128	Soil	12	34	0.80	243	0.142	1	2.11	0.020	0.09	<0.1	0.02	4.6	<0.1	<0.05	7	<0.5	<0.2
1015129	Soil	20	33	0.76	253	0.103	<1	1.81	0.020	0.10	<0.1	<0.01	4.7	<0.1	<0.05	6	<0.5	<0.2
1015130	Soil	20	42	1.10	269	0.114	1	2.54	0.026	0.08	<0.1	0.04	9.6	<0.1	<0.05	8	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015131	Soil	1.0	43.9	8.4	75	<0.1	22.6	14.2	551	3.76	5.8	1.4	6.0	6.5	29	<0.1	0.4	0.2	85	0.49	0.054
1013400	Soil	0.9	15.2	8.8	52	<0.1	14.7	9.5	413	2.40	6.7	0.9	3.2	3.2	26	<0.1	0.3	0.2	61	0.29	0.026
1013437	Soil	0.6	50.9	11.3	168	<0.1	15.9	19.0	1143	6.69	4.4	2.7	1.6	27.9	30	<0.1	0.2	<0.1	127	0.49	0.116
1010441	Soil	0.9	16.4	8.7	76	<0.1	14.5	15.9	882	4.01	6.4	1.1	<0.5	7.8	40	0.2	0.4	0.1	86	0.46	0.050
1010442	Soil	0.8	46.1	9.6	73	<0.1	13.2	16.3	659	4.13	6.1	1.3	2.0	7.2	38	0.2	0.3	0.1	96	0.55	0.055
1010443	Soil	0.9	39.3	9.0	71	<0.1	13.7	15.9	603	4.06	6.1	1.2	<0.5	7.0	38	0.2	0.4	0.1	95	0.53	0.051
1010445	Soil	1.0	26.8	9.4	68	0.1	19.2	13.7	431	3.54	7.7	0.9	1.9	5.6	26	<0.1	0.4	0.1	91	0.29	0.029
1010446	Soil	0.9	27.8	7.6	63	<0.1	17.5	16.6	781	3.82	5.6	0.8	1.1	6.0	31	<0.1	0.3	0.1	98	0.41	0.047
1010447	Soil	1.1	22.1	9.3	61	<0.1	18.0	15.7	767	3.69	6.1	0.8	2.0	5.7	30	0.1	0.3	0.1	89	0.35	0.043
1010448	Soil	1.0	17.1	8.2	78	<0.1	33.5	16.2	573	3.88	7.2	0.7	1.4	5.3	27	0.2	0.4	0.1	91	0.35	0.053
1010449	Soil	0.8	16.6	7.1	90	<0.1	36.8	17.0	677	4.04	6.3	0.7	1.4	5.2	27	0.2	0.4	0.1	96	0.39	0.063
1010450	Soil	0.6	46.5	10.1	167	<0.1	15.9	18.5	1125	6.56	5.2	2.3	4.1	24.4	30	0.2	0.2	0.1	127	0.46	0.095
1013381	Soil	1.4	17.9	18.0	54	0.2	19.9	8.7	440	2.94	10.9	1.7	1.3	6.6	23	<0.1	0.4	0.3	78	0.20	0.025
1013382	Soil	1.1	14.4	21.5	44	0.2	14.2	7.8	557	2.19	5.3	1.2	4.2	4.4	20	0.1	0.3	0.3	60	0.19	0.041
1013383	Soil	1.2	21.5	16.3	53	<0.1	23.5	9.2	411	2.54	7.9	3.5	2.4	9.7	30	<0.1	0.4	0.3	68	0.31	0.026
1013384	Soil	1.6	29.7	28.9	68	0.2	25.2	9.9	869	3.06	8.2	3.6	7.9	10.3	20	0.1	0.5	0.7	76	0.22	0.053
1013385	Soil	1.8	23.1	31.8	62	0.1	24.9	10.1	640	3.07	9.4	2.7	0.7	10.4	21	0.1	0.4	0.8	82	0.23	0.053
1013386	Soil	2.1	27.0	28.0	58	0.1	29.4	11.0	636	2.85	8.2	3.7	1.6	12.4	23	<0.1	0.4	0.6	76	0.24	0.025
1013387	Soil	1.8	24.3	21.1	52	<0.1	27.0	8.4	318	2.54	8.4	3.4	2.6	11.1	23	<0.1	0.5	0.4	68	0.24	0.024
1013388	Soil	1.4	17.1	16.9	47	<0.1	23.7	7.9	289	2.42	7.4	1.8	<0.5	6.6	25	<0.1	0.4	0.3	65	0.26	0.025
1013389	Soil	1.5	16.6	24.6	51	0.2	16.9	6.9	659	2.19	5.5	1.8	3.1	4.0	20	0.1	0.3	0.7	59	0.22	0.060
1013390	Soil	2.0	25.9	19.2	58	0.1	27.3	11.7	2289	2.59	6.7	2.4	<0.5	4.9	27	0.4	0.4	0.5	68	0.24	0.071
1013391	Soil	1.8	23.2	20.9	50	<0.1	27.7	8.7	464	2.64	7.9	2.4	3.9	9.9	25	0.1	0.5	0.5	71	0.25	0.025
1013392	Soil	1.8	27.7	20.7	51	<0.1	28.6	12.1	756	2.84	9.5	4.9	3.5	13.2	28	<0.1	0.5	0.5	75	0.26	0.027
1013393	Soil	1.6	25.9	15.1	45	<0.1	26.0	9.2	330	2.41	7.8	3.7	1.8	10.2	30	<0.1	0.5	0.4	64	0.32	0.026
1013394	Soil	1.7	14.9	17.8	44	0.1	20.5	7.6	299	2.46	8.1	1.2	0.9	5.3	21	<0.1	0.4	0.4	73	0.24	0.029
1013395	Soil	1.4	16.7	21.9	48	<0.1	22.3	9.3	273	2.58	7.6	1.8	1.0	8.6	26	<0.1	0.3	0.5	68	0.25	0.019
1013396	Soil	1.0	11.6	9.6	73	<0.1	17.7	16.4	784	3.43	4.1	3.0	<0.5	5.9	52	<0.1	0.2	0.3	79	0.56	0.040
1013397	Soil	0.8	15.9	7.3	77	<0.1	17.5	18.3	643	4.19	5.1	1.1	<0.5	3.8	64	<0.1	0.2	0.2	104	0.86	0.043
1013398	Soil	0.6	11.2	7.5	58	<0.1	13.5	15.1	360	3.54	4.3	1.1	1.3	3.5	92	<0.1	0.1	0.1	97	1.58	0.041

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015131	Soil	19	39	0.95	251	0.116	<1	2.29	0.024	0.07	<0.1	0.03	7.8	<0.1	<0.05	7	<0.5	<0.2
1013400	Soil	11	28	0.46	251	0.060	<1	1.58	0.013	0.07	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1013437	Soil	33	21	1.61	664	0.313	<1	3.14	0.014	1.37	<0.1	0.02	10.3	0.3	<0.05	13	<0.5	<0.2
1010441	Soil	13	32	1.02	214	0.158	<1	2.33	0.014	0.12	0.1	<0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
1010442	Soil	12	31	1.11	207	0.216	<1	2.49	0.017	0.19	0.1	0.02	3.6	<0.1	<0.05	9	<0.5	<0.2
1010443	Soil	11	31	1.09	200	0.210	<1	2.46	0.017	0.19	0.2	<0.01	3.6	<0.1	<0.05	9	<0.5	<0.2
1010445	Soil	10	38	0.93	200	0.169	<1	2.29	0.017	0.17	0.1	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1010446	Soil	9	36	1.24	247	0.186	<1	2.34	0.015	0.37	0.1	0.01	4.6	0.1	<0.05	9	<0.5	<0.2
1010447	Soil	9	37	1.10	258	0.164	<1	2.17	0.014	0.31	0.1	0.02	4.3	<0.1	<0.05	8	<0.5	<0.2
1010448	Soil	10	59	1.16	282	0.191	<1	2.29	0.015	0.47	0.1	<0.01	4.6	0.2	<0.05	7	<0.5	<0.2
1010449	Soil	11	66	1.32	297	0.210	<1	2.47	0.014	0.55	0.1	0.02	4.7	0.2	<0.05	9	<0.5	<0.2
1010450	Soil	29	22	1.59	669	0.318	<1	3.16	0.015	1.37	<0.1	0.01	9.7	0.3	<0.05	13	<0.5	<0.2
1013381	Soil	11	39	0.49	228	0.087	1	2.16	0.014	0.05	<0.1	0.03	3.3	0.1	<0.05	7	<0.5	<0.2
1013382	Soil	9	27	0.37	172	0.083	<1	1.48	0.012	0.04	0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1013383	Soil	15	41	0.61	225	0.102	<1	1.81	0.016	0.05	0.1	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2
1013384	Soil	15	44	0.49	255	0.072	2	2.26	0.010	0.04	0.2	0.02	4.2	0.1	<0.05	7	0.7	<0.2
1013385	Soil	15	42	0.48	246	0.066	1	2.23	0.009	0.04	0.1	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
1013386	Soil	20	52	0.48	254	0.069	<1	2.28	0.010	0.04	0.1	0.02	4.4	0.1	<0.05	6	0.7	<0.2
1013387	Soil	19	47	0.49	274	0.072	<1	1.87	0.010	0.04	0.2	0.03	4.1	<0.1	<0.05	5	0.5	<0.2
1013388	Soil	12	41	0.47	230	0.070	1	1.74	0.015	0.04	0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1013389	Soil	13	28	0.31	206	0.065	1	1.24	0.009	0.06	0.1	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
1013390	Soil	20	35	0.37	321	0.068	1	1.72	0.011	0.06	0.2	0.03	3.1	0.1	<0.05	6	0.7	<0.2
1013391	Soil	17	46	0.48	236	0.071	<1	1.98	0.010	0.05	0.1	0.01	3.8	0.1	<0.05	5	0.7	<0.2
1013392	Soil	23	50	0.50	292	0.083	<1	2.15	0.011	0.05	0.1	0.04	5.6	0.1	<0.05	6	1.0	<0.2
1013393	Soil	19	44	0.49	265	0.095	1	1.60	0.014	0.04	0.1	0.03	4.6	<0.1	<0.05	5	0.6	<0.2
1013394	Soil	10	38	0.42	200	0.083	<1	1.77	0.010	0.04	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1013395	Soil	9	38	0.48	173	0.087	1	2.08	0.010	0.05	<0.1	0.03	3.1	0.1	<0.05	6	0.5	<0.2
1013396	Soil	9	31	0.99	268	0.175	1	2.51	0.012	0.28	<0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1013397	Soil	7	32	1.22	267	0.220	1	3.20	0.016	0.15	<0.1	0.01	4.4	<0.1	<0.05	8	<0.5	<0.2
1013398	Soil	11	30	0.94	211	0.209	1	3.61	0.019	0.07	<0.1	0.01	5.5	<0.1	<0.05	9	0.7	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013399	Soil	1.2	15.2	8.0	51	<0.1	16.6	10.3	897	2.40	5.6	0.6	0.9	2.1	29	0.2	0.3	0.2	68	0.36	0.033
1012718	Soil	1.4	20.7	11.3	52	0.5	29.0	15.1	458	3.74	8.4	0.5	1.7	4.0	28	<0.1	0.6	0.3	91	0.40	0.017
1012719	Soil	1.9	18.1	9.1	47	<0.1	19.9	10.0	484	2.80	5.8	0.4	1.6	2.7	21	<0.1	0.3	0.2	69	0.23	0.017
1012720	Soil	1.3	24.5	9.7	48	<0.1	29.2	12.2	319	3.05	6.8	0.4	0.9	3.1	27	<0.1	0.4	0.1	80	0.41	0.019
1015201	Soil	1.8	27.3	12.4	58	0.2	17.3	10.1	440	2.85	6.2	0.6	1.2	0.8	19	0.2	0.3	0.2	79	0.21	0.048
1015202	Soil	0.9	28.3	8.4	54	<0.1	20.5	8.3	277	2.59	5.1	0.8	1.5	3.7	23	<0.1	0.3	0.1	63	0.29	0.033
1015203	Soil	1.2	30.2	9.9	60	<0.1	22.3	11.1	401	3.34	7.9	0.7	1.7	3.6	19	0.1	0.4	0.2	81	0.22	0.032
1015204	Soil	1.1	28.7	10.4	56	0.1	25.5	11.8	362	3.33	8.6	0.7	1.7	3.8	22	0.1	0.4	0.2	87	0.23	0.020
1015205	Soil	1.7	22.8	10.9	76	0.2	20.6	13.2	626	3.67	8.5	0.5	1.5	2.8	15	0.2	0.4	0.2	105	0.16	0.039
1015206	Soil	0.7	39.9	5.5	59	<0.1	21.6	14.0	508	3.15	4.2	1.0	4.8	5.1	32	<0.1	0.3	<0.1	87	0.46	0.061
1015207	Soil	1.0	27.3	7.5	54	<0.1	21.5	11.6	384	2.82	7.2	0.9	2.2	4.4	29	<0.1	0.3	0.1	73	0.34	0.046
1015208	Soil	0.8	23.4	6.8	51	<0.1	16.7	12.3	375	2.91	5.0	0.5	<0.5	4.1	22	<0.1	0.3	<0.1	73	0.27	0.030
1015209	Soil	0.9	25.8	7.4	53	<0.1	20.1	12.8	409	3.08	6.2	0.6	1.8	4.9	24	<0.1	0.4	0.1	77	0.29	0.028
1015210	Soil	1.5	19.9	9.6	63	<0.1	18.1	13.2	432	3.50	7.5	0.4	4.5	3.1	22	<0.1	0.3	0.1	100	0.25	0.033
1015211	Soil	1.1	22.6	8.6	64	<0.1	19.0	14.8	502	3.42	6.0	0.5	1.6	4.2	22	<0.1	0.3	0.1	90	0.28	0.034
1015212	Soil	1.2	24.0	9.8	62	<0.1	24.9	14.8	371	3.87	8.5	0.6	1.2	5.0	20	0.1	0.4	0.2	98	0.21	0.023
1015213	Soil	1.2	22.1	9.0	70	<0.1	24.4	14.4	476	3.51	7.5	0.6	3.5	4.1	24	0.1	0.3	0.2	85	0.32	0.057
1015214	Soil	2.9	30.1	7.9	52	0.2	15.9	9.3	352	2.43	5.4	0.7	1.9	3.3	29	0.2	0.3	0.2	63	0.39	0.102
1015215	Soil	1.1	27.6	8.2	59	<0.1	27.4	12.9	327	3.27	8.3	0.5	1.3	4.0	25	<0.1	0.4	0.1	81	0.31	0.042
1015216	Soil	1.2	21.4	8.1	55	<0.1	23.8	13.0	350	3.36	7.9	0.5	1.5	4.2	22	0.1	0.4	0.1	80	0.26	0.034
1015217	Soil	1.3	14.4	10.8	35	0.1	11.9	5.4	169	2.57	6.1	0.4	1.2	2.6	15	<0.1	0.4	0.2	71	0.17	0.022
1015218	Soil	1.1	21.5	9.2	57	<0.1	22.6	11.8	332	3.19	8.0	0.6	2.0	7.0	23	<0.1	0.4	0.2	78	0.25	0.031
1015219	Soil	1.2	22.3	10.2	53	0.2	18.2	9.7	329	3.05	9.0	0.4	4.7	3.5	15	<0.1	0.5	0.2	72	0.14	0.026
1015220	Soil	0.9	30.5	7.6	68	<0.1	16.1	11.5	496	3.38	5.8	0.6	1.4	7.6	30	<0.1	0.3	0.2	71	0.25	0.027
1015221	Soil	0.8	45.3	14.4	76	<0.1	16.9	10.9	485	3.34	5.4	0.8	5.6	7.1	28	<0.1	0.3	0.2	69	0.25	0.031
1015222	Soil	1.0	13.5	10.7	70	0.1	18.2	13.6	485	3.73	6.8	0.3	2.1	3.7	18	<0.1	0.5	0.2	85	0.16	0.032
1015223	Soil	1.0	20.7	10.4	70	<0.1	11.6	11.8	467	3.57	10.5	0.6	2.6	5.4	37	<0.1	0.5	0.1	64	0.35	0.033
1015224	Soil	1.2	25.4	11.5	51	0.7	17.9	9.6	389	3.07	7.3	0.7	12.5	6.6	23	<0.1	0.4	0.2	64	0.22	0.024
1015225	Soil	1.2	26.0	20.5	53	0.2	20.1	10.8	307	3.45	8.6	0.5	14.3	4.1	18	<0.1	0.5	0.3	75	0.20	0.036
1015226	Soil	0.7	15.6	4.6	87	<0.1	13.1	18.1	788	5.04	6.0	0.3	<0.5	3.6	23	<0.1	0.2	<0.1	104	0.18	0.038

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013399	Soil	9	27	0.49	264	0.076	2	1.43	0.012	0.08	0.1	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1012718	Soil	12	46	0.70	340	0.091	2	2.33	0.014	0.12	0.1	0.02	7.4	0.1	<0.05	7	0.5	<0.2
1012719	Soil	10	32	0.49	429	0.045	<1	1.84	0.009	0.09	<0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1012720	Soil	9	48	0.68	199	0.098	<1	2.02	0.016	0.06	<0.1	0.01	5.1	<0.1	<0.05	6	0.5	<0.2
1015201	Soil	10	34	0.41	173	0.082	2	1.83	0.011	0.08	<0.1	0.03	2.7	<0.1	<0.05	8	0.7	<0.2
1015202	Soil	18	39	0.57	233	0.109	1	1.88	0.012	0.06	0.1	0.03	4.9	<0.1	<0.05	6	0.6	<0.2
1015203	Soil	13	41	0.59	198	0.100	<1	2.37	0.010	0.06	<0.1	0.03	4.3	<0.1	<0.05	7	0.6	<0.2
1015204	Soil	15	42	0.61	217	0.110	1	2.50	0.013	0.05	<0.1	0.03	4.9	0.1	<0.05	7	0.6	<0.2
1015205	Soil	10	40	0.57	153	0.099	1	2.25	0.010	0.06	<0.1	0.03	4.0	0.2	<0.05	9	0.5	<0.2
1015206	Soil	22	40	1.03	192	0.170	1	1.90	0.015	0.26	0.1	<0.01	4.1	0.1	<0.05	6	<0.5	<0.2
1015207	Soil	16	36	0.71	233	0.119	1	1.83	0.014	0.09	0.1	0.03	4.5	<0.1	<0.05	6	0.8	<0.2
1015208	Soil	12	28	0.76	149	0.123	1	1.78	0.011	0.08	0.1	0.01	2.9	<0.1	<0.05	6	0.5	<0.2
1015209	Soil	16	32	0.79	172	0.120	1	1.95	0.012	0.07	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1015210	Soil	10	33	0.90	125	0.184	1	2.16	0.012	0.12	0.1	0.02	2.9	<0.1	<0.05	8	0.6	<0.2
1015211	Soil	12	34	0.97	147	0.169	<1	2.16	0.014	0.13	<0.1	0.01	3.1	<0.1	<0.05	6	0.6	<0.2
1015212	Soil	11	42	0.78	188	0.154	1	2.88	0.011	0.07	<0.1	0.02	3.8	0.1	<0.05	8	0.6	<0.2
1015213	Soil	15	38	0.78	219	0.124	1	2.28	0.012	0.11	0.2	0.02	3.9	0.1	<0.05	6	0.6	<0.2
1015214	Soil	15	27	0.53	203	0.108	1	1.58	0.015	0.10	0.2	0.02	3.2	0.1	<0.05	6	0.5	<0.2
1015215	Soil	11	39	0.72	240	0.102	1	2.26	0.011	0.07	0.2	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1015216	Soil	11	36	0.71	164	0.138	<1	2.30	0.011	0.10	0.2	<0.01	2.9	0.1	<0.05	6	0.7	<0.2
1015217	Soil	10	24	0.36	161	0.062	2	1.67	0.012	0.04	0.1	0.02	2.1	0.1	<0.05	7	<0.5	<0.2
1015218	Soil	14	39	0.77	226	0.113	2	2.44	0.014	0.08	0.2	0.02	3.4	0.1	<0.05	6	0.7	<0.2
1015219	Soil	9	29	0.52	168	0.066	2	1.97	0.009	0.07	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1015220	Soil	18	30	0.91	217	0.146	1	2.48	0.012	0.20	0.1	0.02	2.5	0.2	<0.05	6	<0.5	<0.2
1015221	Soil	17	28	0.85	158	0.100	1	2.05	0.010	0.11	0.1	0.02	2.7	0.1	<0.05	6	0.6	<0.2
1015222	Soil	7	27	0.99	202	0.135	1	2.44	0.010	0.36	0.1	0.02	1.9	0.2	<0.05	7	<0.5	<0.2
1015223	Soil	9	19	0.87	638	0.025	<1	2.30	0.008	0.28	<0.1	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1015224	Soil	13	30	0.62	268	0.062	1	2.04	0.010	0.09	0.1	0.04	3.1	<0.1	<0.05	6	<0.5	<0.2
1015225	Soil	10	31	0.58	214	0.037	2	2.51	0.011	0.12	0.1	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1015226	Soil	6	19	1.48	173	0.272	2	3.32	0.008	0.64	0.2	0.03	1.4	0.3	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015227	Soil	1.2	15.7	10.7	62	<0.1	17.8	11.6	445	3.69	9.6	0.4	1.3	3.2	24	0.1	0.5	0.2	89	0.21	0.028
1015228	Soil	3.1	221.1	15.7	132	1.9	17.5	11.2	246	5.39	7.1	0.4	1.3	1.8	24	0.5	0.6	0.4	117	0.15	0.058
1015229	Soil	1.6	18.7	9.9	117	0.3	20.2	14.8	1094	3.83	8.9	0.4	1.8	1.7	16	1.0	0.6	0.2	110	0.20	0.039
1015230	Soil	1.6	18.4	15.9	72	0.2	18.3	12.9	632	3.61	12.2	0.4	2.6	2.4	35	0.2	0.6	0.2	88	0.22	0.032
1015231	Soil	1.0	22.9	8.2	47	<0.1	12.8	8.9	462	2.97	7.3	0.4	1.5	2.5	21	0.2	0.4	0.1	55	0.22	0.033
1015232	Soil	1.3	12.5	13.3	62	<0.1	13.0	11.3	524	3.43	4.3	0.5	1.2	2.5	17	0.1	0.5	0.2	83	0.16	0.030
1015234	Soil	1.4	33.6	9.7	58	<0.1	33.9	14.9	492	3.47	6.8	0.7	4.1	3.4	33	<0.1	0.5	0.1	85	0.67	0.055

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Project: PED
Report Date: July 16, 2011

CERTIFICATE OF ANALYSIS WHI11000481.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015227	Soil	8	33	0.67	233	0.095	1	2.17	0.010	0.15	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2
1015228	Soil	6	28	0.43	246	0.050	1	2.39	0.012	0.07	<0.1	0.03	4.9	<0.1	<0.05	9	0.8	0.2
1015229	Soil	7	29	0.55	353	0.045	1	2.22	0.014	0.07	<0.1	0.03	4.5	0.1	<0.05	8	<0.5	<0.2
1015230	Soil	7	42	0.65	238	0.100	1	2.08	0.013	0.12	0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1015231	Soil	6	19	0.57	195	0.052	<1	2.10	0.007	0.24	<0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1015232	Soil	7	26	0.69	268	0.047	<1	2.06	0.009	0.15	<0.1	0.02	4.2	0.1	<0.05	8	<0.5	<0.2
1015234	Soil	12	58	1.02	183	0.088	1	2.10	0.024	0.13	0.1	0.03	8.0	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000481.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1015136	Soil	2.3	93.6	6.5	139	0.3	78.9	20.1	690	3.67	7.3	1.6	1.7	3.9	33	0.3	0.3	0.1	117	0.36	0.079
REP 1015136	QC	2.2	92.9	6.5	142	0.3	80.2	20.7	685	3.64	7.2	1.7	1.4	4.0	35	0.2	0.3	0.1	116	0.37	0.079
1013408	Soil	0.8	13.5	8.5	59	<0.1	17.7	10.1	304	2.53	5.8	0.3	0.8	2.4	20	<0.1	0.5	0.2	62	0.22	0.067
REP 1013408	QC	0.8	13.3	8.6	58	<0.1	17.4	10.1	305	2.52	5.7	0.4	1.1	2.6	20	0.1	0.5	0.2	60	0.21	0.065
1013430	Soil	4.2	37.9	16.4	163	0.6	37.6	10.2	294	3.37	27.5	1.6	1.5	4.6	44	1.5	0.7	0.3	47	0.32	0.100
REP 1013430	QC	4.0	38.1	16.5	163	0.6	37.1	9.9	292	3.18	26.5	1.6	<0.5	4.5	39	1.5	0.7	0.3	47	0.31	0.104
1011868	Soil	1.3	38.8	9.0	74	<0.1	29.2	13.1	514	3.50	10.6	1.2	4.1	4.6	35	0.1	0.5	0.2	88	0.41	0.040
REP 1011868	QC	1.2	39.1	9.2	74	0.1	29.6	13.2	499	3.54	10.5	1.2	3.4	4.8	35	0.1	0.5	0.2	88	0.41	0.042
1011871	Soil	1.0	26.2	7.1	108	<0.1	20.8	7.3	446	3.04	11.1	0.9	1.3	3.9	23	0.3	0.4	<0.1	55	0.33	0.028
REP 1011871	QC	1.2	28.6	7.8	114	<0.1	22.1	7.9	462	3.22	11.7	0.9	2.6	4.1	24	0.2	0.4	<0.1	58	0.35	0.029
1012913	Soil	0.1	35.3	21.7	105	<0.1	44.7	24.6	1251	5.08	2.5	0.3	2.2	4.1	29	0.2	0.2	<0.1	87	0.91	0.218
REP 1012913	QC	0.1	35.0	22.1	105	<0.1	47.5	25.4	1306	5.19	2.6	0.3	1.8	4.2	29	0.2	0.2	<0.1	86	0.95	0.218
1012921	Soil	0.5	44.9	5.0	136	<0.1	18.2	8.8	987	4.70	3.3	0.3	<0.5	1.0	22	<0.1	0.2	<0.1	64	0.34	0.076
REP 1012921	QC	0.5	43.2	4.7	135	<0.1	17.1	8.7	963	4.52	3.2	0.3	<0.5	1.0	22	0.1	0.2	<0.1	63	0.34	0.075
1023717	Soil	1.1	12.3	10.9	103	<0.1	12.9	10.0	842	3.69	5.5	0.3	<0.5	1.9	23	0.1	0.3	0.1	54	0.29	0.058
REP 1023717	QC	1.3	12.5	10.6	99	<0.1	12.1	9.8	830	3.69	5.6	0.4	1.0	1.9	23	0.1	0.3	<0.1	53	0.30	0.059
1023727	Soil	0.8	99.1	12.7	123	<0.1	41.9	19.1	769	5.18	5.2	4.9	<0.5	41.7	24	<0.1	0.1	<0.1	78	0.56	0.101
REP 1023727	QC	0.7	101.1	12.7	124	<0.1	41.9	19.8	780	5.23	5.1	4.9	<0.5	43.1	25	0.1	0.2	<0.1	78	0.54	0.096
1015124	Soil	1.0	34.8	6.3	83	<0.1	21.9	14.4	481	3.68	6.4	0.6	5.8	3.2	30	0.1	0.2	0.1	90	0.60	0.094
REP 1015124	QC	0.7	35.5	6.7	82	<0.1	22.1	13.9	462	3.58	6.4	0.6	4.3	3.1	29	<0.1	0.2	0.1	87	0.58	0.089
1010443	Soil	0.9	39.3	9.0	71	<0.1	13.7	15.9	603	4.06	6.1	1.2	<0.5	7.0	38	0.2	0.4	0.1	95	0.53	0.051
REP 1010443	QC	0.8	39.7	8.7	74	<0.1	14.3	16.0	594	4.10	6.2	1.3	1.0	6.6	36	0.2	0.4	0.1	94	0.52	0.055
1013392	Soil	1.8	27.7	20.7	51	<0.1	28.6	12.1	756	2.84	9.5	4.9	3.5	13.2	28	<0.1	0.5	0.5	75	0.26	0.027
REP 1013392	QC	1.7	26.7	19.6	49	<0.1	26.4	11.6	738	2.72	9.1	4.8	1.5	12.8	27	<0.1	0.5	0.5	72	0.24	0.026
1015208	Soil	0.8	23.4	6.8	51	<0.1	16.7	12.3	375	2.91	5.0	0.5	<0.5	4.1	22	<0.1	0.3	<0.1	73	0.27	0.030
REP 1015208	QC	0.7	24.1	7.1	50	<0.1	17.2	12.3	383	2.93	5.0	0.5	1.3	4.2	23	0.1	0.3	<0.1	75	0.27	0.030
1015219	Soil	1.2	22.3	10.2	53	0.2	18.2	9.7	329	3.05	9.0	0.4	4.7	3.5	15	<0.1	0.5	0.2	72	0.14	0.026
REP 1015219	QC	1.2	21.6	10.3	52	0.2	17.1	9.5	317	2.95	8.7	0.5	4.6	3.8	15	<0.1	0.5	0.2	66	0.14	0.030

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Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000481.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1015136	Soil	16	80	1.19	389	0.169	1	2.07	0.009	0.80	0.3	0.03	4.7	0.3	0.09	7	1.3	<0.2
REP 1015136	QC	16	80	1.20	388	0.169	<1	2.07	0.010	0.80	0.2	0.03	4.7	0.2	0.09	7	1.1	<0.2
1013408	Soil	8	33	0.57	244	0.061	1	1.77	0.012	0.06	0.1	<0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
REP 1013408	QC	8	33	0.56	265	0.066	2	1.74	0.012	0.07	0.1	<0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1013430	Soil	18	30	0.32	493	0.033	<1	1.20	0.008	0.17	0.2	0.01	2.8	0.1	<0.05	4	1.7	<0.2
REP 1013430	QC	18	29	0.32	475	0.033	<1	1.16	0.009	0.17	0.2	0.02	3.0	0.1	<0.05	4	1.8	<0.2
1011868	Soil	17	47	0.78	305	0.102	2	2.42	0.022	0.07	0.2	0.05	7.9	<0.1	<0.05	7	<0.5	<0.2
REP 1011868	QC	17	47	0.80	307	0.100	1	2.40	0.021	0.07	0.2	0.04	8.1	0.1	<0.05	7	0.8	<0.2
1011871	Soil	13	27	0.93	381	0.073	2	2.05	0.012	0.07	<0.1	0.02	6.1	0.1	<0.05	7	0.6	<0.2
REP 1011871	QC	14	29	0.97	396	0.078	3	2.23	0.014	0.08	<0.1	0.02	6.4	0.1	<0.05	7	<0.5	<0.2
1012913	Soil	25	75	1.73	171	0.004	1	3.19	0.010	0.07	<0.1	0.02	9.9	0.1	<0.05	9	<0.5	<0.2
REP 1012913	QC	26	81	1.81	167	0.003	1	3.19	0.010	0.07	<0.1	0.03	10.0	0.1	<0.05	9	<0.5	<0.2
1012921	Soil	4	27	1.14	286	0.163	<1	2.63	0.011	0.57	<0.1	<0.01	4.5	0.2	<0.05	10	<0.5	<0.2
REP 1012921	QC	4	27	1.10	281	0.153	<1	2.56	0.013	0.56	<0.1	<0.01	4.2	0.2	<0.05	10	<0.5	<0.2
1023717	Soil	6	20	0.49	238	0.081	<1	2.05	0.009	0.10	0.1	<0.01	3.8	<0.1	<0.05	8	<0.5	<0.2
REP 1023717	QC	6	19	0.49	226	0.079	<1	2.00	0.008	0.10	0.1	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1023727	Soil	57	70	1.57	334	0.370	<1	3.06	0.009	0.98	<0.1	<0.01	4.8	0.3	<0.05	12	0.8	<0.2
REP 1023727	QC	56	71	1.54	348	0.371	<1	3.12	0.009	1.04	<0.1	<0.01	4.6	0.3	<0.05	12	<0.5	<0.2
1015124	Soil	11	38	1.00	248	0.159	<1	2.16	0.020	0.15	<0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
REP 1015124	QC	11	36	0.99	251	0.155	<1	2.15	0.021	0.14	<0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1010443	Soil	11	31	1.09	200	0.210	<1	2.46	0.017	0.19	0.2	<0.01	3.6	<0.1	<0.05	9	<0.5	<0.2
REP 1010443	QC	11	31	1.10	202	0.204	<1	2.45	0.017	0.19	0.1	<0.01	3.7	<0.1	<0.05	9	<0.5	<0.2
1013392	Soil	23	50	0.50	292	0.083	<1	2.15	0.011	0.05	0.1	0.04	5.6	0.1	<0.05	6	1.0	<0.2
REP 1013392	QC	23	48	0.48	288	0.076	<1	2.08	0.011	0.04	0.2	0.03	5.5	<0.1	<0.05	6	0.8	<0.2
1015208	Soil	12	28	0.76	149	0.123	1	1.78	0.011	0.08	0.1	0.01	2.9	<0.1	<0.05	6	0.5	<0.2
REP 1015208	QC	12	29	0.77	151	0.124	1	1.79	0.011	0.08	0.1	0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1015219	Soil	9	29	0.52	168	0.066	2	1.97	0.009	0.07	0.1	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
REP 1015219	QC	9	29	0.56	181	0.066	2	2.11	0.009	0.08	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000481.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard	12.5	105.9	113.4	308	1.9	35.0	7.0	577	2.37	26.5	2.6	105.4	6.6	66	2.3	5.7	6.8	44	0.66	0.080
STD DS8	Standard	14.8	117.3	122.8	320	1.8	37.7	7.7	627	2.39	26.8	2.9	104.1	7.1	73	2.6	6.6	7.3	42	0.69	0.085
STD DS8	Standard	13.0	107.3	115.1	303	1.7	37.9	7.4	569	2.29	23.7	2.5	109.1	5.9	60	2.0	4.8	5.9	41	0.64	0.071
STD DS8	Standard	13.6	113.0	117.1	306	1.7	38.5	7.7	587	2.37	24.8	2.6	133.8	6.3	61	2.0	5.1	6.2	43	0.68	0.075
STD DS8	Standard	14.3	127.2	132.1	344	1.9	41.4	8.3	675	2.64	30.0	3.2	114.7	8.0	76	2.6	6.5	7.6	48	0.72	0.087
STD DS8	Standard	15.0	117.3	139.2	325	1.9	40.1	8.2	654	2.64	27.4	3.2	107.5	8.0	72	2.5	6.6	7.7	47	0.71	0.084
STD DS8	Standard	13.8	115.2	135.0	322	1.8	40.1	7.7	621	2.46	26.8	3.0	109.9	7.3	71	2.3	5.9	7.4	45	0.69	0.080
STD DS8	Standard	14.2	110.6	136.5	315	1.9	37.7	7.4	608	2.43	26.5	3.1	107.1	7.4	73	2.3	5.8	7.0	44	0.68	0.082
STD DS8	Standard	13.7	107.7	122.9	314	1.9	37.1	7.4	624	2.49	26.3	2.7	117.2	6.8	66	2.1	5.4	6.5	43	0.70	0.078
STD DS8	Standard	15.3	121.7	132.3	337	1.8	42.8	8.2	669	2.64	27.0	2.9	121.5	7.5	74	2.4	5.5	6.8	48	0.78	0.080
STD DS8	Standard	14.6	121.2	129.6	324	1.9	41.9	8.2	620	2.51	25.6	2.9	119.8	6.9	67	2.3	5.7	6.5	47	0.67	0.078
STD DS8	Standard	15.2	126.4	130.7	329	1.8	42.7	8.4	634	2.54	26.3	2.9	109.7	6.9	67	2.3	5.7	6.7	48	0.70	0.077
STD DS8	Standard	12.3	106.1	118.1	297	1.6	36.7	7.1	572	2.29	24.7	2.5	104.9	6.5	62	2.3	4.9	6.1	40	0.65	0.071
STD DS8	Standard	12.4	111.3	124.4	303	1.7	37.2	7.6	599	2.37	26.1	2.6	102.9	6.5	63	2.1	5.1	6.1	42	0.65	0.076
STD DS8	Standard	13.1	116.2	134.9	322	1.8	39.0	7.5	619	2.49	26.1	3.1	113.4	7.7	68	2.3	5.6	7.4	43	0.66	0.078
STD DS8	Standard	14.8	116.4	138.3	331	2.0	41.8	8.1	656	2.62	27.4	3.3	113.2	8.2	74	2.4	6.0	7.4	46	0.73	0.084
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 16, 2011

QUALITY CONTROL REPORT WHI11000481.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS8	Standard	15	111	0.57	263	0.112	3	0.87	0.086	0.42	2.8	0.17	2.3	5.0	0.09	5	5.1	5.0
STD DS8	Standard	16	121	0.64	278	0.125	2	0.96	0.093	0.44	3.2	0.19	2.6	5.6	0.11	5	5.8	5.4
STD DS8	Standard	13	114	0.56	258	0.113	3	0.86	0.090	0.39	2.7	0.18	2.0	5.0	0.15	4	4.9	4.5
STD DS8	Standard	14	117	0.59	277	0.122	3	0.90	0.088	0.41	3.0	0.21	2.2	5.3	0.14	5	4.4	5.1
STD DS8	Standard	16	130	0.65	295	0.136	2	0.95	0.102	0.43	3.0	0.22	3.0	5.5	0.09	5	6.3	5.4
STD DS8	Standard	16	124	0.63	300	0.134	3	0.95	0.101	0.43	3.0	0.24	2.8	5.9	0.12	5	5.3	5.4
STD DS8	Standard	14	122	0.61	278	0.122	3	0.93	0.112	0.43	2.8	0.18	2.8	5.2	0.14	5	4.8	5.0
STD DS8	Standard	15	118	0.62	287	0.122	3	0.94	0.097	0.42	3.0	0.22	2.3	5.3	0.15	5	5.0	4.9
STD DS8	Standard	15	123	0.62	280	0.113	13	0.95	0.101	0.45	2.8	0.22	2.4	5.1	0.18	5	5.4	5.2
STD DS8	Standard	17	124	0.67	302	0.133	4	1.02	0.099	0.46	3.3	0.20	2.6	5.9	0.18	5	5.4	5.5
STD DS8	Standard	16	131	0.63	274	0.136	3	0.94	0.086	0.40	3.1	0.19	2.1	5.4	0.13	5	5.1	5.3
STD DS8	Standard	16	131	0.63	276	0.142	3	0.93	0.086	0.41	2.9	0.20	2.1	5.6	0.15	5	5.5	5.0
STD DS8	Standard	14	112	0.57	257	0.113	3	0.84	0.079	0.38	2.7	0.19	1.9	4.6	0.15	4	5.1	4.4
STD DS8	Standard	14	117	0.61	258	0.118	2	0.89	0.085	0.39	2.7	0.17	2.2	4.9	0.19	4	5.2	4.2
STD DS8	Standard	14	125	0.62	272	0.121	2	0.91	0.087	0.41	3.1	0.22	1.9	5.4	0.12	5	4.8	5.5
STD DS8	Standard	16	129	0.63	302	0.134	3	0.96	0.087	0.43	2.8	0.22	2.1	5.6	0.17	5	5.0	5.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Submitted By: Dayna
Receiving Lab: Canada-Whitehorse
Received: July 11, 2011
Report Date: July 23, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000522.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-13
P.O. Number
Number of Samples: 172

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	172	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	172	Dry at 60C			WHI
1DX2	171	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Peter Tallman
Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000522.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012855	Soil	0.9	22.9	6.1	69	<0.1	25.4	15.3	459	3.29	9.2	0.6	3.5	3.2	23	0.1	0.3	0.2	62	0.25	0.043
1012857	Soil	1.1	42.3	7.4	59	<0.1	20.9	10.1	314	3.07	8.5	1.0	2.2	4.9	15	0.1	0.3	0.2	60	0.15	0.066
1012863	Soil	0.5	22.8	5.7	60	<0.1	25.5	13.3	416	3.07	6.8	0.4	1.6	2.8	23	<0.1	0.3	<0.1	60	0.28	0.025
1012870	Soil	1.1	22.5	4.9	87	<0.1	26.7	14.1	520	4.28	6.4	0.5	1.2	3.1	15	<0.1	0.2	0.1	68	0.23	0.066
1012861	Soil	1.1	15.2	17.0	78	<0.1	23.4	13.0	449	3.97	9.8	0.5	1.1	2.4	18	0.3	0.4	0.1	73	0.21	0.059
1012862	Soil	0.9	18.8	7.3	65	<0.1	21.8	11.8	406	3.44	8.8	0.5	1.9	3.1	25	0.1	0.4	0.1	71	0.26	0.030
1012874	Soil	1.9	61.6	4.7	116	<0.1	20.0	20.6	658	5.17	9.6	1.9	0.9	22.2	31	<0.1	<0.1	<0.1	55	0.37	0.031
1012865	Soil	1.1	23.4	6.7	57	<0.1	26.0	13.8	342	3.53	6.5	0.7	2.3	6.2	22	<0.1	0.3	<0.1	60	0.24	0.023
1012871	Soil	0.8	24.6	8.4	77	<0.1	20.8	14.6	509	3.84	6.4	0.6	2.4	3.1	19	0.1	0.3	0.1	59	0.29	0.040
1012869	Soil	1.1	12.4	5.8	58	<0.1	9.2	7.7	370	3.85	7.2	0.4	0.9	4.5	16	0.1	0.3	0.1	69	0.18	0.054
1012877	Soil	0.9	48.4	7.3	84	<0.1	38.3	17.8	589	4.64	39.7	0.9	<0.5	10.7	23	<0.1	0.2	0.1	75	0.44	0.056
1012876	Soil	0.6	38.9	8.0	89	<0.1	31.1	16.4	653	4.24	5.5	1.3	3.1	10.0	44	0.1	0.2	<0.1	70	0.51	0.050
1012858	Soil	0.6	17.2	5.6	65	<0.1	20.3	14.2	568	3.44	5.1	0.5	5.7	4.7	28	<0.1	0.3	<0.1	69	0.26	0.023
1012864	Soil	0.8	18.7	7.1	65	<0.1	24.1	11.5	299	3.42	7.6	0.6	1.6	3.2	26	<0.1	0.2	<0.1	55	0.24	0.059
1012866	Soil	0.9	22.1	6.8	76	<0.1	26.3	18.0	408	3.65	7.3	0.5	3.1	4.2	21	0.1	0.3	<0.1	62	0.23	0.032
1012878	Soil	1.1	23.3	8.5	56	<0.1	26.8	11.6	379	3.10	9.2	0.8	2.0	6.0	24	<0.1	0.3	0.1	58	0.32	0.024
1012881	Soil	0.7	12.5	4.8	79	<0.1	18.4	19.1	739	4.03	5.4	0.2	1.2	3.3	54	<0.1	0.2	<0.1	75	0.52	0.050
1012883	Soil	1.0	29.0	6.4	66	<0.1	24.0	19.0	519	4.26	11.1	0.3	2.7	2.2	18	0.1	0.3	0.1	84	0.32	0.070
1012875	Soil	0.3	24.1	5.6	119	<0.1	18.5	15.4	684	4.33	3.5	0.4	1.4	3.7	51	<0.1	<0.1	<0.1	57	0.41	0.047
1012853	Soil	1.2	21.1	7.7	68	<0.1	20.2	11.9	359	4.62	9.4	0.4	1.3	2.6	24	0.1	0.4	<0.1	84	0.24	0.052
1012880	Soil	0.7	48.8	5.7	97	<0.1	18.3	17.8	837	5.26	6.0	0.9	<0.5	10.5	25	<0.1	0.1	<0.1	99	0.61	0.079
1012882	Soil	0.9	24.3	6.1	52	<0.1	18.0	12.0	338	3.20	6.6	0.4	3.3	3.0	22	<0.1	0.3	0.1	63	0.36	0.055
1012852	Soil	0.8	16.1	6.9	53	<0.1	22.7	10.9	308	3.15	7.8	0.6	2.2	3.2	16	0.1	0.3	0.1	59	0.21	0.039
1012851	Soil	0.9	15.7	9.2	63	<0.1	20.3	11.0	405	3.71	8.1	0.5	0.9	2.6	21	0.1	0.3	0.1	71	0.26	0.045
1012875	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1012872	Soil	0.2	20.5	1.9	57	<0.1	52.5	17.8	478	3.16	1.7	<0.1	<0.5	0.7	18	<0.1	<0.1	<0.1	61	0.38	0.063
1012873	Soil	0.4	29.6	2.4	61	<0.1	44.6	18.5	559	3.80	2.1	0.1	<0.5	0.9	20	<0.1	<0.1	<0.1	67	0.36	0.058
1012859	Soil	0.9	17.2	8.1	52	<0.1	22.5	11.3	292	3.25	10.0	0.7	1.9	4.5	14	<0.1	0.4	0.1	62	0.17	0.040
1012856	Soil	0.8	16.3	7.1	45	<0.1	18.6	8.7	185	2.85	8.6	0.5	4.6	1.8	16	<0.1	0.3	0.1	60	0.21	0.042
1012867	Soil	0.6	26.1	7.5	65	<0.1	21.5	13.3	417	3.22	4.8	0.7	1.5	6.3	28	<0.1	0.3	<0.1	49	0.30	0.024

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Project: PED
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000522.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012855	Soil		9	36	0.92	185	0.079	2	2.84	0.013	0.06	0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1012857	Soil		11	31	0.56	150	0.033	4	2.75	0.010	0.06	0.1	0.03	3.5	<0.1	<0.05	7	<0.5	<0.2
1012863	Soil		9	46	0.99	154	0.096	3	1.85	0.014	0.05	<0.1	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1012870	Soil		11	38	1.09	147	0.147	1	2.45	0.007	0.19	0.1	0.01	2.1	0.1	<0.05	9	0.5	<0.2
1012861	Soil		8	33	0.82	174	0.068	2	2.87	0.011	0.08	0.1	0.02	3.0	<0.1	<0.05	8	0.6	<0.2
1012862	Soil		10	37	0.78	197	0.082	1	2.36	0.010	0.05	0.1	0.03	3.9	<0.1	<0.05	7	0.8	<0.2
1012874	Soil		58	25	1.80	130	0.193	<1	2.75	0.010	0.43	<0.1	<0.01	4.4	0.2	<0.05	11	<0.5	<0.2
1012865	Soil		16	42	0.85	149	0.100	3	2.47	0.009	0.06	0.1	0.03	3.0	<0.1	<0.05	7	<0.5	<0.2
1012871	Soil		7	44	1.06	176	0.101	3	2.50	0.010	0.06	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
1012869	Soil		8	21	0.63	132	0.123	2	1.82	0.011	0.18	0.1	0.01	2.8	<0.1	<0.05	9	<0.5	<0.2
1012877	Soil		41	57	1.65	348	0.172	2	2.82	0.010	0.45	<0.1	0.01	5.0	0.3	<0.05	9	0.9	<0.2
1012876	Soil		24	48	1.44	227	0.141	2	2.70	0.024	0.23	0.1	0.03	5.5	0.2	<0.05	8	<0.5	<0.2
1012858	Soil		11	31	1.06	166	0.114	<1	2.61	0.012	0.08	<0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1012864	Soil		13	31	0.76	85	0.092	1	2.00	0.008	0.10	<0.1	0.02	2.0	<0.1	<0.05	7	<0.5	<0.2
1012866	Soil		10	37	0.89	176	0.101	2	2.73	0.010	0.09	<0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1012878	Soil		16	41	0.84	267	0.083	<1	1.98	0.014	0.09	0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1012881	Soil		8	29	1.42	345	0.188	2	2.70	0.017	0.56	<0.1	0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1012883	Soil		7	33	1.24	159	0.118	2	2.77	0.011	0.17	0.1	0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1012875	Soil		10	47	1.41	244	0.240	<1	2.54	0.009	0.63	<0.1	<0.01	1.8	0.4	<0.05	9	<0.5	<0.2
1012853	Soil		6	36	0.92	152	0.175	4	2.56	0.011	0.20	0.2	0.03	2.6	0.1	<0.05	8	0.5	<0.2
1012880	Soil		16	53	1.86	145	0.171	2	2.96	0.016	0.49	<0.1	<0.01	7.9	0.1	<0.05	14	1.0	<0.2
1012882	Soil		11	28	0.90	206	0.101	1	1.91	0.012	0.12	0.1	0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1012852	Soil		9	39	0.68	158	0.075	2	2.33	0.015	0.05	0.1	0.04	3.2	<0.1	<0.05	6	0.7	<0.2
1012851	Soil		7	36	0.79	114	0.123	<1	2.30	0.014	0.08	0.1	0.02	2.5	<0.1	<0.05	8	<0.5	<0.2
1012875	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1012872	Soil		3	167	1.69	112	0.142	1	2.24	0.012	0.14	<0.1	<0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
1012873	Soil		3	138	1.72	122	0.161	<1	2.51	0.012	0.16	<0.1	<0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
1012859	Soil		12	38	0.60	184	0.068	3	2.68	0.011	0.06	0.2	0.04	4.2	<0.1	<0.05	6	<0.5	<0.2
1012856	Soil		9	29	0.52	133	0.071	2	2.05	0.010	0.05	<0.1	0.03	2.8	<0.1	<0.05	7	0.7	<0.2
1012867	Soil		15	34	0.81	229	0.090	3	2.34	0.011	0.05	0.1	0.01	3.2	<0.1	<0.05	6	0.6	<0.2

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Project: PED
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000522.1

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012868	Soil	1.0	22.4	6.3	78	<0.1	21.0	12.4	385	3.28	6.4	0.6	2.6	3.3	24	<0.1	0.3	<0.1	55	0.29	0.042
1012854	Soil	1.0	14.0	7.6	64	<0.1	19.7	10.9	349	3.53	9.9	0.4	1.6	2.7	20	0.2	0.3	0.1	66	0.19	0.055
1012860	Soil	0.8	12.9	9.0	36	<0.1	12.7	5.7	162	2.69	7.6	0.4	2.6	1.7	18	0.1	0.2	0.1	60	0.20	0.046
1010929	Soil	0.8	17.7	5.8	129	<0.1	23.5	20.6	664	4.72	7.8	0.5	<0.5	6.4	45	<0.1	0.3	<0.1	91	0.55	0.065
1010906	Soil	0.5	23.6	4.6	97	<0.1	14.0	14.1	856	4.90	6.4	0.4	2.1	1.8	25	0.1	0.3	<0.1	83	0.48	0.096
1010930	Soil	0.8	28.4	8.7	95	<0.1	23.8	16.4	730	3.70	7.2	0.6	1.0	4.4	43	<0.1	0.4	0.2	73	0.55	0.055
1010904	Soil	0.2	126.6	40.0	145	<0.1	23.5	25.5	1171	5.24	1.6	0.2	2.2	0.7	25	0.3	0.1	0.1	124	0.76	0.165
1010925	Soil	0.3	29.3	1.8	52	<0.1	14.7	17.7	381	2.68	3.2	0.2	<0.5	0.8	51	<0.1	0.1	<0.1	49	0.97	0.276
1010905	Soil	1.1	32.6	9.0	65	<0.1	28.9	13.7	484	3.22	5.4	0.2	1.2	1.0	19	0.2	0.4	0.1	76	0.34	0.067
1010923	Soil	0.3	36.6	2.4	47	<0.1	16.6	16.7	337	2.93	4.3	0.2	1.2	0.9	38	<0.1	0.1	<0.1	58	0.85	0.177
1010903	Soil	0.3	53.8	13.2	95	<0.1	29.3	22.9	670	4.21	2.3	0.3	2.2	0.9	29	<0.1	0.2	<0.1	101	0.77	0.112
1010924	Soil	0.2	5.9	2.6	83	<0.1	106.5	18.6	473	2.42	2.3	0.2	<0.5	0.7	17	<0.1	0.1	<0.1	37	0.52	0.072
1010922	Soil	0.3	12.1	8.3	91	<0.1	54.6	23.4	538	4.34	2.9	0.6	1.6	3.6	28	<0.1	0.1	<0.1	92	0.63	0.053
1010915	Soil	0.3	45.1	1.1	128	<0.1	4.7	15.0	544	5.05	3.2	0.4	<0.5	1.3	16	<0.1	0.1	<0.1	45	0.69	0.192
1010912	Soil	0.7	43.3	5.5	69	<0.1	26.9	20.2	705	4.03	5.9	0.4	<0.5	1.6	31	<0.1	0.3	<0.1	118	0.53	0.041
1010907	Soil	0.3	20.3	3.8	98	<0.1	4.3	9.9	1011	5.38	2.3	0.3	0.5	1.2	26	<0.1	0.1	<0.1	80	0.60	0.141
1010914	Soil	0.4	34.0	2.5	82	<0.1	20.3	18.4	521	3.73	4.3	0.2	1.4	0.6	32	<0.1	0.1	<0.1	78	0.42	0.038
1010921	Soil	0.6	29.9	5.2	114	<0.1	16.0	16.9	517	4.38	8.0	0.7	0.7	4.5	116	<0.1	0.1	<0.1	100	0.67	0.080
1010913	Soil	0.6	95.1	5.0	97	<0.1	18.5	25.6	754	5.72	28.0	0.5	0.8	2.5	33	<0.1	0.4	<0.1	154	0.57	0.039
1012879	Soil	0.8	26.4	5.3	64	<0.1	28.2	14.9	577	3.90	7.1	1.1	0.6	12.5	26	<0.1	0.2	<0.1	53	0.40	0.034
1010911	Soil	0.3	107.5	3.5	73	<0.1	16.6	22.4	549	4.45	4.3	0.2	<0.5	0.8	43	<0.1	0.2	<0.1	120	1.09	0.250
1010928	Soil	1.0	29.2	7.1	105	<0.1	18.5	18.2	932	4.00	7.5	0.6	0.8	3.9	49	0.1	0.4	0.1	77	0.54	0.060
1010910	Soil	0.3	211.3	1.6	28	<0.1	32.8	21.0	202	3.25	2.2	0.4	1.6	0.6	15	<0.1	0.1	<0.1	81	0.53	0.023
1010919	Soil	0.9	24.2	6.7	83	<0.1	19.7	15.9	424	3.19	6.8	0.5	<0.5	6.6	34	0.1	0.3	<0.1	66	0.31	0.037
1010917	Soil	1.5	58.7	11.3	75	0.1	28.7	12.1	409	3.24	8.6	0.8	5.5	6.0	34	<0.1	0.4	0.2	58	0.44	0.044
1010927	Soil	0.8	51.9	7.2	129	<0.1	19.0	29.3	756	6.12	7.5	0.7	<0.5	6.6	57	<0.1	0.2	<0.1	125	0.69	0.103
1010916	Soil	0.8	25.8	4.4	69	<0.1	14.5	14.0	305	3.45	4.7	0.3	<0.5	1.4	22	<0.1	0.3	<0.1	65	0.39	0.050
1010918	Soil	0.4	32.9	3.0	62	<0.1	20.8	17.9	498	3.89	5.6	0.3	<0.5	1.6	91	<0.1	0.2	<0.1	76	0.53	0.031
1010909	Soil	0.4	44.4	2.2	52	<0.1	15.5	23.2	396	4.55	2.1	0.4	0.7	1.1	19	<0.1	0.2	<0.1	108	0.52	0.143
1010926	Soil	0.5	22.3	6.0	79	<0.1	18.5	19.2	800	4.08	5.8	0.5	<0.5	6.8	45	<0.1	0.2	<0.1	71	0.60	0.090

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		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012868	Soil		10	34	0.76	211	0.088	4	2.28	0.014	0.07	0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1012854	Soil		8	33	0.75	153	0.100	2	2.36	0.011	0.07	0.1	0.02	2.7	<0.1	<0.05	7	0.5	<0.2
1012860	Soil		9	24	0.37	151	0.057	2	1.64	0.009	0.05	<0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
1010929	Soil		11	43	1.75	447	0.170	3	2.87	0.013	0.30	<0.1	<0.01	3.6	0.1	<0.05	10	<0.5	<0.2
1010906	Soil		9	21	1.49	396	0.272	<1	2.75	0.011	0.86	0.1	<0.01	7.1	0.2	<0.05	10	0.7	<0.2
1010930	Soil		10	43	0.86	336	0.086	2	2.29	0.011	0.15	<0.1	0.02	5.1	<0.1	<0.05	8	<0.5	<0.2
1010904	Soil		3	20	1.93	593	0.175	3	2.67	0.015	0.78	<0.1	0.01	7.4	0.3	<0.05	7	<0.5	<0.2
1010925	Soil		4	17	1.17	331	0.144	<1	1.62	0.022	0.39	<0.1	<0.01	2.0	0.1	<0.05	4	<0.5	<0.2
1010905	Soil		4	94	0.78	171	0.089	2	1.78	0.020	0.05	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
1010923	Soil		3	30	1.09	250	0.109	1	1.82	0.031	0.15	<0.1	<0.01	2.8	0.1	<0.05	5	<0.5	<0.2
1010903	Soil		5	47	1.51	242	0.050	2	2.02	0.032	0.10	<0.1	0.01	8.7	<0.1	<0.05	6	<0.5	<0.2
1010924	Soil		3	364	1.70	218	0.133	1	1.66	0.017	0.15	<0.1	<0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1010922	Soil		9	131	1.94	435	0.094	<1	2.81	0.013	0.54	<0.1	0.01	8.8	0.2	<0.05	8	<0.5	<0.2
1010915	Soil		7	6	1.84	117	0.168	<1	2.54	0.010	0.20	<0.1	<0.01	12.1	<0.1	<0.05	15	<0.5	<0.2
1010912	Soil		6	49	1.23	206	0.069	1	2.32	0.025	0.04	<0.1	0.01	10.0	<0.1	<0.05	7	<0.5	<0.2
1010907	Soil		6	7	1.96	2201	0.491	<1	3.18	0.016	1.44	0.2	<0.01	10.2	0.2	<0.05	12	<0.5	<0.2
1010914	Soil		2	39	1.79	114	0.147	2	2.60	0.017	0.05	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1010921	Soil		12	32	1.45	590	0.268	1	3.27	0.019	0.94	0.1	<0.01	4.6	0.3	<0.05	9	<0.5	<0.2
1010913	Soil		6	33	1.98	84	0.192	<1	3.39	0.024	0.04	<0.1	<0.01	10.2	<0.1	<0.05	11	<0.5	<0.2
1012879	Soil		17	57	1.28	188	0.127	2	2.25	0.011	0.21	0.1	0.01	5.6	<0.1	<0.05	9	<0.5	<0.2
1010911	Soil		3	25	1.68	393	0.278	<1	2.87	0.040	0.62	<0.1	<0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1010928	Soil		8	34	1.04	392	0.109	<1	2.30	0.010	0.08	0.1	0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
1010910	Soil		2	68	1.52	283	0.188	<1	1.79	0.067	0.65	<0.1	<0.01	7.3	0.2	<0.05	4	<0.5	<0.2
1010919	Soil		8	36	0.90	254	0.134	1	2.10	0.013	0.10	<0.1	0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1010917	Soil		20	37	0.63	262	0.071	1	1.54	0.026	0.10	0.1	0.06	6.1	<0.1	<0.05	5	<0.5	<0.2
1010927	Soil		9	46	2.03	231	0.137	<1	3.34	0.011	0.09	0.2	<0.01	10.0	<0.1	<0.05	15	<0.5	<0.2
1010916	Soil		4	21	1.11	128	0.098	<1	2.09	0.024	0.05	0.2	<0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1010918	Soil		5	47	1.36	327	0.119	<1	2.21	0.020	0.23	<0.1	<0.01	6.3	<0.1	<0.05	7	<0.5	<0.2
1010909	Soil		6	21	1.13	197	0.047	<1	2.29	0.017	0.05	<0.1	<0.01	8.5	<0.1	<0.05	8	<0.5	<0.2
1010926	Soil		7	33	1.59	334	0.157	1	2.59	0.009	0.44	<0.1	<0.01	3.1	<0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000522.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010901	Soil	1.0	19.7	8.4	78	<0.1	17.0	13.1	320	3.34	8.3	0.3	<0.5	1.7	40	0.4	0.4	0.1	81	0.93	0.318
1010908	Soil	0.6	26.9	7.2	75	<0.1	39.1	17.9	393	3.11	6.0	0.3	0.6	1.6	27	<0.1	0.3	<0.1	68	0.49	0.048
1010932	Soil	0.6	68.0	5.5	110	<0.1	28.4	20.6	3191	4.66	5.4	1.2	<0.5	3.1	45	0.1	0.2	0.1	34	1.00	0.054
1010931	Soil	0.5	45.7	6.6	108	<0.1	29.5	20.6	864	5.06	4.7	1.3	2.2	14.3	37	<0.1	0.3	0.2	95	0.67	0.105
1010933	Soil	1.0	25.8	8.1	82	<0.1	21.4	17.6	542	4.07	8.0	1.0	<0.5	8.2	34	<0.1	0.3	<0.1	74	0.39	0.040
1010920	Soil	0.4	16.3	2.9	53	<0.1	17.7	12.0	203	2.26	3.4	0.1	<0.5	0.6	29	<0.1	<0.1	<0.1	48	0.36	0.050
1053081	Soil	0.6	64.7	2.8	85	<0.1	32.2	26.0	643	4.52	4.1	0.4	<0.5	2.6	37	<0.1	0.1	<0.1	97	0.72	0.084
1053084	Soil	0.3	32.7	1.2	83	<0.1	39.6	31.5	697	5.97	3.0	0.4	<0.5	3.6	37	<0.1	0.1	<0.1	130	0.87	0.069
1053085	Soil	0.4	97.6	1.9	62	<0.1	32.7	25.8	545	4.36	4.4	0.5	<0.5	2.3	26	<0.1	0.2	<0.1	83	0.67	0.068
1010902	Soil	0.5	35.7	5.3	88	<0.1	54.3	19.9	743	4.13	4.2	0.3	<0.5	1.5	22	<0.1	0.2	<0.1	79	0.39	0.075
1010641	Soil	0.7	42.2	2.8	64	<0.1	24.9	19.3	425	3.80	3.9	0.4	<0.5	1.9	19	<0.1	0.2	<0.1	89	0.53	0.061
1011950	Soil	0.5	13.1	22.1	33	<0.1	7.8	12.9	920	2.16	8.5	2.6	0.7	6.4	88	<0.1	0.2	0.1	23	5.58	0.015
1053080	Soil	0.5	52.6	3.9	75	<0.1	33.9	25.7	648	4.84	3.6	0.4	<0.5	2.2	48	<0.1	0.1	<0.1	109	0.80	0.043
1053083	Soil	1.3	32.0	18.6	105	<0.1	53.1	22.6	437	5.24	7.2	1.0	1.2	6.3	23	0.1	3.3	0.6	87	0.59	0.044
1010640	Soil	0.7	38.8	4.3	62	<0.1	25.2	16.6	478	3.53	5.9	0.5	<0.5	3.1	24	<0.1	0.3	<0.1	75	0.49	0.037
1053079	Soil	0.2	48.1	2.5	89	<0.1	43.2	31.8	1385	6.81	2.9	0.5	<0.5	2.0	41	<0.1	0.1	<0.1	156	1.82	0.101
1053078	Soil	2.7	51.7	7.0	58	<0.1	26.6	21.0	998	6.37	12.2	1.2	0.6	8.9	24	0.1	0.5	0.1	133	0.68	0.056
1053082	Soil	0.6	46.7	4.4	80	<0.1	33.2	22.9	533	4.35	5.2	0.3	<0.5	2.2	40	<0.1	0.3	<0.1	91	0.74	0.079
1011949	Soil	0.6	17.0	5.0	69	<0.1	13.6	17.2	474	4.07	6.0	0.6	<0.5	7.9	56	<0.1	0.3	<0.1	73	0.77	0.024
1011940	Soil	0.7	29.3	5.7	110	<0.1	16.8	29.7	1012	6.41	3.8	1.1	1.0	15.6	55	<0.1	0.3	<0.1	119	0.71	0.062
1011938	Soil	0.3	15.2	13.5	90	<0.1	10.5	21.4	1008	5.50	4.6	1.4	<0.5	13.2	24	<0.1	0.2	0.2	94	0.53	0.064
1053993	Soil	0.3	48.6	3.9	93	<0.1	9.3	15.8	414	4.27	2.1	0.2	<0.5	0.5	51	<0.1	<0.1	<0.1	91	0.82	0.134
1012788	Soil	0.9	13.1	7.3	151	<0.1	16.2	18.0	1161	7.00	43.3	1.6	<0.5	3.9	17	0.1	0.2	<0.1	148	0.75	0.265
1012827	Soil	0.9	93.5	10.3	113	<0.1	28.5	14.2	587	4.41	10.2	2.7	4.1	4.6	32	<0.1	0.3	<0.1	68	0.54	0.087
1022807	Soil	0.4	34.6	6.0	87	<0.1	15.1	14.8	505	4.41	3.1	0.4	<0.5	2.1	36	<0.1	0.1	<0.1	83	0.28	0.046
1012790	Soil	0.4	71.1	6.2	116	<0.1	22.5	27.2	797	7.10	16.5	0.6	<0.5	3.5	30	<0.1	0.2	<0.1	214	0.66	0.089
1012789	Soil	2.3	50.1	4.3	104	0.2	32.1	7.6	445	4.14	18.6	1.5	<0.5	5.1	24	<0.1	<0.1	<0.1	60	0.44	0.076
1012828	Soil	0.6	46.9	6.6	62	<0.1	24.8	11.7	335	3.00	15.2	0.6	3.3	3.3	32	<0.1	0.5	<0.1	65	0.37	0.043
1012826	Soil	1.1	64.6	8.0	93	<0.1	23.2	9.8	325	3.29	12.5	0.6	2.2	2.3	30	<0.1	0.3	<0.1	68	0.59	0.088
1054000	Soil	0.2	58.4	1.8	66	<0.1	11.1	18.8	448	4.18	4.1	0.4	<0.5	1.8	15	<0.1	<0.1	<0.1	102	0.43	0.106

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Project: PED
Report Date: July 23, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010901	Soil	4	28	0.88	184	0.096	1	2.22	0.044	0.07	0.1	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1010908	Soil	5	72	1.32	271	0.141	2	2.29	0.018	0.09	0.1	<0.01	3.6	<0.1	<0.05	6	<0.5	<0.2
1010932	Soil	14	16	1.51	187	0.018	1	1.38	0.003	0.01	0.3	0.02	7.1	<0.1	<0.05	8	<0.5	<0.2
1010931	Soil	33	49	1.79	243	0.065	2	2.61	0.007	0.26	0.2	0.01	8.6	0.1	<0.05	11	<0.5	<0.2
1010933	Soil	10	40	1.35	228	0.045	1	2.62	0.012	0.06	0.2	0.01	4.5	<0.1	<0.05	10	<0.5	<0.2
1010920	Soil	2	43	0.89	166	0.106	<1	1.54	0.014	0.14	<0.1	<0.01	1.3	<0.1	<0.05	5	<0.5	<0.2
1053081	Soil	5	49	2.15	133	0.114	1	2.97	0.010	0.03	<0.1	<0.01	6.4	<0.1	<0.05	9	<0.5	<0.2
1053084	Soil	10	68	2.82	110	0.024	<1	3.17	0.012	0.03	<0.1	<0.01	12.2	<0.1	<0.05	10	<0.5	<0.2
1053085	Soil	5	52	1.81	135	0.023	1	2.59	0.024	0.03	<0.1	<0.01	7.6	<0.1	<0.05	8	<0.5	<0.2
1010902	Soil	6	113	1.56	274	0.175	<1	2.59	0.011	0.31	<0.1	<0.01	4.4	0.1	<0.05	8	<0.5	<0.2
1010641	Soil	4	50	1.68	130	0.022	1	2.46	0.027	0.05	<0.1	<0.01	7.5	<0.1	<0.05	8	<0.5	<0.2
1011950	Soil	15	5	0.91	306	<0.001	3	0.38	0.007	0.21	0.5	0.03	8.2	0.2	<0.05	<1	<0.5	<0.2
1053080	Soil	3	42	2.33	49	0.141	1	3.76	0.036	0.04	<0.1	0.01	6.9	<0.1	<0.05	12	<0.5	<0.2
1053083	Soil	23	78	1.84	183	0.003	2	3.23	0.007	0.09	0.4	0.04	13.8	<0.1	<0.05	11	<0.5	<0.2
1010640	Soil	6	47	1.22	190	0.054	1	2.36	0.023	0.05	<0.1	0.02	6.8	<0.1	<0.05	7	<0.5	<0.2
1053079	Soil	10	95	3.46	66	0.015	2	4.01	0.018	0.03	<0.1	0.01	21.8	<0.1	<0.05	15	0.5	<0.2
1053078	Soil	35	44	0.78	140	0.007	4	1.92	0.008	0.06	0.2	0.02	35.3	<0.1	<0.05	10	0.7	<0.2
1053082	Soil	3	48	1.89	118	0.130	<1	3.23	0.015	0.03	<0.1	<0.01	4.6	<0.1	<0.05	10	<0.5	<0.2
1011949	Soil	10	28	1.55	104	0.011	2	3.18	0.007	0.05	0.1	<0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
1011940	Soil	36	37	2.29	178	0.068	2	3.79	0.009	0.13	0.3	0.02	9.1	<0.1	<0.05	11	0.6	<0.2
1011938	Soil	37	22	1.79	189	0.002	2	2.78	0.005	0.07	0.1	0.02	18.6	<0.1	<0.05	11	<0.5	<0.2
1053993	Soil	2	18	2.08	386	0.225	<1	3.05	0.023	0.58	<0.1	<0.01	5.5	<0.1	<0.05	10	<0.5	<0.2
1012788	Soil	14	25	1.57	1058	0.123	1	2.97	0.012	0.97	<0.1	<0.01	18.8	0.3	<0.05	13	0.9	<0.2
1012827	Soil	19	33	1.64	189	0.032	2	2.53	0.011	0.08	<0.1	0.03	9.6	<0.1	<0.05	9	0.5	<0.2
1022807	Soil	7	29	2.04	275	0.207	<1	3.27	0.011	0.32	<0.1	<0.01	5.0	<0.1	<0.05	10	<0.5	<0.2
1012790	Soil	13	44	4.07	352	0.161	1	4.51	0.009	0.05	<0.1	<0.01	20.3	<0.1	<0.05	17	<0.5	<0.2
1012789	Soil	14	29	2.37	726	0.109	<1	3.10	0.015	0.77	<0.1	0.02	6.4	0.4	<0.05	8	0.8	<0.2
1012828	Soil	12	36	0.96	235	0.138	1	1.89	0.018	0.10	0.1	0.02	6.2	<0.1	<0.05	6	<0.5	<0.2
1012826	Soil	7	35	1.83	410	0.151	2	2.35	0.016	0.29	<0.1	0.02	5.4	<0.1	<0.05	7	0.8	<0.2
1054000	Soil	8	22	2.10	408	0.118	<1	2.41	0.018	0.52	<0.1	<0.01	11.8	0.1	<0.05	9	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1053997	Soil	0.4	44.3	6.8	87	<0.1	11.9	13.4	279	3.84	4.0	0.5	<0.5	3.1	29	<0.1	0.2	<0.1	80	0.42	0.084
1022841	Soil	0.9	92.6	11.2	90	<0.1	14.7	17.2	636	5.39	6.2	0.5	<0.5	2.2	35	<0.1	0.4	<0.1	147	0.34	0.057
1012793	Soil	0.9	33.0	5.5	58	<0.1	26.5	14.1	319	2.91	4.7	0.3	1.5	1.4	25	0.1	0.2	<0.1	62	0.50	0.036
1012787	Soil	0.2	53.9	1.6	67	<0.1	11.8	19.4	450	4.20	4.1	0.4	<0.5	1.8	15	<0.1	<0.1	<0.1	98	0.41	0.102
1022809	Soil	0.3	72.0	5.1	84	<0.1	13.2	19.3	670	5.00	5.2	0.3	<0.5	1.1	125	<0.1	0.3	<0.1	133	1.26	0.084
1053994	Soil	0.3	67.8	3.0	89	<0.1	9.0	19.9	322	5.42	2.8	0.4	7.9	1.1	48	<0.1	<0.1	<0.1	125	0.72	0.132
1026670	Soil	0.3	38.7	3.8	95	<0.1	9.0	17.3	564	4.71	3.9	0.3	0.9	0.8	50	<0.1	0.2	<0.1	97	0.68	0.076
1011937	Soil	0.2	21.4	4.6	98	<0.1	11.3	33.3	624	5.84	3.7	1.4	<0.5	8.7	47	<0.1	0.3	<0.1	118	1.46	0.087
1011943	Soil	0.9	15.1	7.2	102	<0.1	17.6	21.4	640	4.92	7.2	0.7	<0.5	7.8	51	0.2	0.3	<0.1	80	0.64	0.059
1011947	Soil	0.6	44.3	4.3	87	<0.1	46.5	32.8	1114	5.65	4.6	0.6	1.2	6.6	54	<0.1	0.4	<0.1	102	1.08	0.057
1010650	Soil	0.6	45.8	3.5	72	<0.1	29.8	23.6	522	3.97	4.3	0.4	<0.5	3.8	45	<0.1	0.2	<0.1	77	0.58	0.051
1011939	Soil	0.4	26.9	3.6	96	<0.1	12.5	23.4	819	5.67	2.5	0.6	<0.5	9.4	50	<0.1	0.1	<0.1	104	0.72	0.058
1011941	Soil	0.7	27.8	13.4	105	<0.1	24.5	32.5	1146	6.16	6.7	0.9	<0.5	11.0	71	0.1	0.4	<0.1	90	0.97	0.059
1011944	Soil	0.9	22.4	5.6	81	<0.1	21.8	22.2	749	4.68	7.9	1.0	<0.5	11.7	49	<0.1	0.4	<0.1	82	0.66	0.040
1010649	Soil	0.4	25.3	2.3	44	<0.1	22.3	13.6	251	2.77	3.6	0.6	<0.5	2.0	19	<0.1	0.2	<0.1	74	0.53	0.071
1011945	Soil	0.6	53.0	3.9	85	<0.1	16.2	24.0	1388	6.04	3.0	1.5	1.7	10.7	42	<0.1	0.3	<0.1	123	0.77	0.077
1011948	Soil	0.5	46.9	4.1	81	<0.1	52.6	33.6	1092	5.75	3.8	0.7	1.7	5.7	56	<0.1	0.4	<0.1	89	1.10	0.051
1053077	Soil	0.5	52.8	3.3	70	<0.1	39.7	24.3	641	4.59	2.6	0.7	<0.5	2.6	90	<0.1	0.2	<0.1	85	0.72	0.064
1012650	Soil	0.6	43.8	3.7	75	<0.1	25.1	19.8	478	3.73	3.3	0.4	1.1	1.5	47	<0.1	0.2	<0.1	78	0.71	0.056
1011942	Soil	0.5	42.4	6.1	84	<0.1	28.3	23.2	701	5.14	7.1	0.8	3.8	6.3	63	<0.1	0.6	<0.1	87	0.86	0.059
1011946	Soil	0.4	16.9	3.4	98	<0.1	17.7	27.3	860	5.67	4.8	0.7	1.7	8.0	42	<0.1	0.2	<0.1	93	0.63	0.082
1010648	Soil	0.2	54.7	2.8	63	<0.1	28.0	20.2	877	3.97	1.6	0.6	2.2	1.4	145	<0.1	0.2	<0.1	83	0.86	0.070
1010645	Soil	0.7	16.2	3.8	65	<0.1	22.2	23.3	606	4.37	4.0	0.5	0.7	1.6	28	<0.1	0.2	<0.1	86	0.72	0.056
1053995	Soil	0.4	35.4	3.8	90	<0.1	11.1	14.1	337	4.79	3.9	0.3	<0.5	1.4	32	<0.1	0.2	<0.1	78	0.52	0.073
1012791	Soil	0.6	78.9	3.4	104	<0.1	20.1	25.6	1164	7.10	3.1	0.6	1.3	3.8	31	<0.1	0.1	<0.1	154	0.79	0.098
1022842	Soil	0.4	58.2	3.9	104	<0.1	13.7	20.8	646	5.33	5.0	0.3	0.7	0.8	79	0.1	0.2	<0.1	96	0.94	0.085
1053998	Soil	0.2	30.0	2.5	63	<0.1	8.4	14.2	319	3.99	1.3	0.3	1.1	0.9	22	<0.1	0.1	<0.1	81	0.63	0.072
1053996	Soil	0.7	58.8	4.4	94	<0.1	11.3	14.3	353	4.92	3.7	0.6	1.1	2.6	33	<0.1	0.1	<0.1	91	0.70	0.110
1012792	Soil	0.8	28.1	9.1	74	<0.1	33.5	13.9	279	3.01	3.3	0.2	1.5	1.3	32	0.1	0.3	0.1	68	0.56	0.037
1012825	Soil	0.6	58.8	4.4	82	<0.1	11.7	20.8	732	5.52	4.2	0.3	<0.5	1.3	41	<0.1	0.2	<0.1	145	0.77	0.041

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Project: PED
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000522.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053997	Soil		5	25	2.13	238	0.055	<1	3.03	0.011	0.25	<0.1	<0.01	6.2	<0.1	<0.05	10	<0.5	<0.2
1022841	Soil		6	28	1.67	213	0.055	2	3.25	0.009	0.04	<0.1	<0.01	15.4	<0.1	<0.05	11	<0.5	<0.2
1012793	Soil		5	47	0.78	173	0.106	<1	2.26	0.046	0.05	<0.1	<0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
1012787	Soil		7	21	2.23	450	0.112	<1	2.45	0.018	0.54	<0.1	<0.01	12.0	0.1	<0.05	9	<0.5	<0.2
1022809	Soil		5	18	1.62	149	0.246	1	3.09	0.046	0.05	0.1	<0.01	10.8	<0.1	<0.05	12	<0.5	<0.2
1053994	Soil		5	14	3.07	234	0.274	1	4.09	0.022	0.67	<0.1	<0.01	8.9	<0.1	<0.05	12	<0.5	<0.2
1026670	Soil		7	18	1.95	284	0.173	<1	2.90	0.012	0.06	<0.1	<0.01	8.6	<0.1	<0.05	10	<0.5	<0.2
1011937	Soil		18	13	1.84	151	0.002	<1	2.71	0.004	0.04	0.6	<0.01	14.9	<0.1	<0.05	12	<0.5	<0.2
1011943	Soil		9	31	1.04	316	0.050	1	2.85	0.013	0.08	0.2	0.02	9.3	<0.1	<0.05	10	<0.5	<0.2
1011947	Soil		16	70	2.14	305	0.157	1	3.62	0.020	0.07	0.1	0.04	11.6	<0.1	<0.05	10	<0.5	<0.2
1010650	Soil		4	44	1.72	118	0.070	<1	2.76	0.013	0.05	0.1	0.02	5.6	<0.1	<0.05	8	<0.5	<0.2
1011939	Soil		18	27	2.50	205	0.134	3	3.08	0.006	0.08	0.2	<0.01	9.4	<0.1	<0.05	9	<0.5	<0.2
1011941	Soil		18	47	2.07	266	0.170	<1	3.94	0.008	0.05	0.1	0.01	9.8	<0.1	<0.05	11	<0.5	<0.2
1011944	Soil		18	38	1.49	303	0.134	1	2.88	0.009	0.11	0.2	0.01	6.1	<0.1	<0.05	9	<0.5	<0.2
1010649	Soil		6	16	0.91	121	0.054	<1	1.96	0.034	0.11	<0.1	<0.01	6.7	<0.1	<0.05	7	<0.5	<0.2
1011945	Soil		20	35	1.93	284	0.160	<1	3.01	0.025	0.23	0.1	<0.01	12.9	<0.1	<0.05	11	1.0	<0.2
1011948	Soil		15	89	1.96	291	0.156	<1	3.92	0.026	0.08	0.1	0.06	12.0	<0.1	<0.05	10	1.1	<0.2
1053077	Soil		5	50	1.96	175	0.055	1	3.08	0.021	0.03	0.1	<0.01	7.5	<0.1	<0.05	9	0.6	<0.2
1012650	Soil		4	45	1.60	143	0.148	4	2.76	0.019	0.08	0.2	<0.01	4.8	<0.1	<0.05	8	<0.5	<0.2
1011942	Soil		19	42	1.51	281	0.129	5	3.29	0.017	0.05	<0.1	0.04	7.6	<0.1	<0.05	9	<0.5	<0.2
1011946	Soil		13	33	2.25	469	0.236	<1	3.50	0.009	0.77	<0.1	<0.01	4.7	0.2	<0.05	9	<0.5	<0.2
1010648	Soil		7	43	1.65	143	0.010	4	3.00	0.025	0.05	<0.1	0.06	9.4	<0.1	<0.05	9	<0.5	<0.2
1010645	Soil		4	58	1.71	119	0.027	<1	3.13	0.038	0.04	<0.1	0.01	9.5	<0.1	<0.05	9	<0.5	<0.2
1053995	Soil		4	18	1.96	220	0.098	7	3.61	0.029	0.21	<0.1	<0.01	8.5	<0.1	<0.05	10	<0.5	<0.2
1012791	Soil		11	41	3.26	319	0.074	4	4.31	0.037	0.07	<0.1	<0.01	21.7	<0.1	<0.05	14	0.9	<0.2
1022842	Soil		3	26	1.94	219	0.166	<1	3.73	0.049	0.12	<0.1	<0.01	10.5	<0.1	<0.05	11	<0.5	<0.2
1053998	Soil		3	25	1.52	165	0.053	<1	2.75	0.046	0.07	<0.1	<0.01	9.9	<0.1	<0.05	8	0.5	<0.2
1053996	Soil		8	21	2.21	305	0.174	3	3.52	0.026	0.35	<0.1	0.01	9.1	<0.1	<0.05	11	<0.5	<0.2
1012792	Soil		5	64	0.93	104	0.126	<1	2.20	0.065	0.05	<0.1	<0.01	4.1	<0.1	<0.05	6	0.7	<0.2
1012825	Soil		4	21	1.84	183	0.140	6	3.46	0.076	0.06	<0.1	<0.01	12.1	<0.1	<0.05	10	<0.5	<0.2

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Project: PED
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000522.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1053999	Soil	0.3	28.9	4.2	100	<0.1	8.9	18.4	819	5.47	34.3	0.5	<0.5	1.6	50	<0.1	0.2	<0.1	83	0.74	0.092
1020782	Soil	2.4	34.0	13.7	98	0.2	35.1	13.8	595	3.81	203.5	0.6	0.6	5.2	18	0.2	0.9	0.1	68	0.28	0.035
1010991	Soil	1.0	25.9	9.1	65	0.2	23.8	16.4	645	3.94	4.6	0.6	<0.5	2.5	35	0.1	0.3	0.2	96	0.71	0.031
1010996	Soil	0.2	46.8	3.9	92	<0.1	33.4	27.6	858	5.80	1.2	0.4	1.1	1.4	30	<0.1	0.2	<0.1	125	0.75	0.070
1010997	Soil	0.1	82.0	1.5	69	<0.1	30.9	27.0	850	5.05	1.5	0.1	1.1	0.5	43	<0.1	0.3	<0.1	110	3.72	0.092
1020781	Soil	1.5	25.4	8.5	75	<0.1	32.1	15.0	373	3.54	10.7	0.5	2.4	3.4	21	<0.1	0.4	0.1	64	0.34	0.096
1010999	Soil	0.2	48.5	2.2	68	<0.1	38.3	28.4	713	5.06	2.8	0.4	1.9	1.2	89	<0.1	0.3	<0.1	98	4.43	0.072
1010981	Soil	0.5	16.6	4.4	61	<0.1	15.1	10.4	507	2.33	1.7	1.8	3.2	2.9	61	0.2	0.2	<0.1	36	0.76	0.077
1010989	Soil	0.4	45.2	4.4	59	<0.1	26.4	20.1	694	4.06	1.9	0.4	1.6	2.2	66	<0.1	0.2	<0.1	94	0.91	0.049
1011000	Soil	0.3	47.0	2.4	67	<0.1	39.9	29.3	720	5.18	2.6	0.4	2.7	1.4	74	<0.1	0.3	<0.1	104	3.85	0.063
1013329	Soil	0.4	44.5	3.3	74	<0.1	32.7	23.1	568	4.77	1.9	0.4	4.0	2.1	41	<0.1	0.2	<0.1	106	0.60	0.043
1010980	Soil	0.6	17.1	5.4	51	<0.1	16.8	9.1	220	2.08	2.4	3.9	4.9	2.7	138	0.2	0.2	0.1	36	1.22	0.058
1013331	Soil	0.3	98.5	1.6	55	<0.1	27.5	19.6	498	3.39	2.1	0.3	1.0	2.6	30	<0.1	<0.1	<0.1	86	0.66	0.075
1010988	Soil	0.6	25.8	3.1	65	<0.1	24.8	20.8	685	4.04	1.5	0.7	2.1	4.4	44	<0.1	0.2	<0.1	75	0.91	0.099
1010977	Soil	0.8	40.7	5.6	62	<0.1	27.7	19.2	660	3.96	2.3	0.8	5.9	1.5	64	<0.1	0.2	<0.1	102	0.97	0.047
1013339	Soil	0.2	41.6	4.7	45	0.1	22.5	17.2	696	3.39	9.2	0.6	2.9	2.0	54	0.1	0.3	<0.1	91	8.52	0.054
1010990	Soil	0.5	53.6	2.5	70	<0.1	35.6	28.4	756	5.74	1.5	0.3	0.9	1.8	32	<0.1	0.1	<0.1	116	0.71	0.069
1013330	Soil	0.1	13.1	1.6	71	<0.1	69.5	17.8	741	3.66	<0.5	0.3	<0.5	2.1	56	<0.1	<0.1	<0.1	35	5.14	0.059
1013337	Soil	0.5	34.0	3.4	29	<0.1	33.5	8.6	147	1.41	<0.5	0.2	3.1	0.9	18	<0.1	0.2	<0.1	36	0.37	0.018
1010986	Soil	0.4	36.2	5.2	57	<0.1	22.1	13.8	433	2.64	2.6	0.8	0.8	2.2	54	0.1	0.3	<0.1	63	1.31	0.065
1013332	Soil	0.2	53.6	3.3	106	<0.1	37.4	29.0	1182	5.56	2.2	0.2	2.3	1.7	26	<0.1	0.2	<0.1	144	0.72	0.107
1010987	Soil	0.9	27.8	5.6	62	<0.1	26.7	18.4	548	3.83	5.4	0.6	4.2	2.5	41	<0.1	0.3	0.1	94	0.60	0.063
1013341	Soil	0.5	54.5	3.8	82	<0.1	27.2	24.3	578	4.92	6.5	0.4	1.3	2.7	40	<0.1	0.3	<0.1	131	0.65	0.054
1010979	Soil	0.6	26.8	9.8	66	<0.1	21.6	11.5	414	2.79	6.6	37.4	2.7	5.4	54	0.2	0.4	0.2	63	0.72	0.081
1010984	Soil	1.0	35.4	7.1	69	0.2	30.4	17.3	721	3.50	6.1	0.4	1.2	2.0	41	0.3	0.3	0.1	93	0.70	0.042
1010646	Soil	0.8	79.5	2.6	71	<0.1	30.2	25.6	907	4.80	4.0	0.5	0.7	1.8	73	<0.1	0.1	<0.1	117	5.08	0.087
1010644	Soil	0.6	94.8	2.5	55	<0.1	29.1	22.0	494	4.56	5.9	1.0	<0.5	3.8	33	<0.1	0.2	<0.1	119	0.72	0.081
1012831	Soil	0.3	79.1	3.8	104	<0.1	13.1	24.2	705	6.06	5.4	0.5	2.4	1.9	27	<0.1	0.3	<0.1	201	0.56	0.097
1022824	Soil	0.2	50.1	5.2	89	<0.1	15.5	17.2	468	4.36	5.0	0.4	1.5	1.5	93	<0.1	0.2	<0.1	115	1.07	0.098
1010647	Soil	0.4	62.4	2.7	57	<0.1	32.6	21.0	452	3.66	4.3	0.8	0.5	3.9	39	<0.1	0.2	<0.1	86	0.72	0.081

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053999	Soil	6	16	1.98	191	0.122	<1	3.20	0.013	0.15	<0.1	<0.01	12.2	<0.1	<0.05	11	<0.5	<0.2
1020782	Soil	11	48	0.53	245	0.040	2	1.87	0.008	0.06	<0.1	<0.01	5.0	0.1	<0.05	6	<0.5	<0.2
1010991	Soil	8	49	0.92	219	0.112	<1	2.73	0.025	0.14	0.1	0.02	8.0	<0.1	<0.05	8	<0.5	<0.2
1010996	Soil	8	56	2.20	85	0.003	<1	3.36	0.011	0.03	<0.1	0.03	15.9	<0.1	<0.05	12	<0.5	<0.2
1010997	Soil	3	60	2.70	88	0.051	<1	3.42	0.019	0.04	<0.1	0.02	14.1	<0.1	<0.05	9	<0.5	<0.2
1020781	Soil	10	51	0.97	209	0.137	<1	2.25	0.012	0.16	0.1	0.03	3.0	0.2	<0.05	7	<0.5	<0.2
1010999	Soil	7	29	1.22	180	0.003	<1	2.51	0.017	0.04	<0.1	0.03	14.4	<0.1	<0.05	9	0.7	<0.2
1010981	Soil	10	22	0.70	152	0.070	<1	1.37	0.020	0.10	0.2	0.02	3.0	<0.1	0.07	4	<0.5	<0.2
1010989	Soil	7	36	1.69	118	0.038	<1	2.98	0.016	0.06	<0.1	0.02	9.1	<0.1	<0.05	9	0.6	<0.2
1011000	Soil	7	30	1.20	178	0.003	6	2.62	0.018	0.03	<0.1	0.02	14.5	<0.1	<0.05	9	<0.5	<0.2
1013329	Soil	6	36	2.10	88	0.031	<1	3.26	0.013	0.05	<0.1	<0.01	9.2	<0.1	<0.05	12	<0.5	<0.2
1010980	Soil	11	27	0.66	204	0.060	<1	1.43	0.031	0.05	0.2	0.02	3.7	<0.1	0.20	4	0.9	<0.2
1013331	Soil	5	45	1.57	326	0.212	<1	2.36	0.026	0.29	<0.1	<0.01	5.1	<0.1	<0.05	6	<0.5	<0.2
1010988	Soil	12	37	1.78	149	0.103	<1	2.87	0.010	0.25	<0.1	<0.01	4.9	0.1	<0.05	9	<0.5	<0.2
1010977	Soil	5	45	1.56	247	0.062	3	2.87	0.018	0.11	0.3	0.03	6.0	<0.1	<0.05	8	<0.5	<0.2
1013339	Soil	10	10	0.61	120	0.002	<1	1.57	0.007	0.04	0.7	0.08	10.4	<0.1	0.11	8	<0.5	<0.2
1010990	Soil	6	44	2.41	123	0.156	<1	3.43	0.017	0.12	<0.1	0.02	8.1	<0.1	<0.05	11	<0.5	<0.2
1013330	Soil	11	309	1.74	264	0.058	<1	2.22	0.007	0.22	<0.1	<0.01	8.8	<0.1	<0.05	9	<0.5	<0.2
1013337	Soil	3	177	0.90	66	0.055	<1	1.25	0.012	0.04	<0.1	<0.01	3.9	<0.1	<0.05	3	<0.5	<0.2
1010986	Soil	8	35	0.93	177	0.047	<1	1.70	0.020	0.04	0.1	0.03	4.7	<0.1	0.07	5	0.7	<0.2
1013332	Soil	9	57	2.55	101	0.002	<1	3.61	0.006	0.05	<0.1	0.03	15.7	<0.1	<0.05	14	<0.5	<0.2
1010987	Soil	8	34	1.35	151	0.069	2	2.46	0.015	0.07	0.1	0.01	4.6	<0.1	<0.05	8	0.6	<0.2
1013341	Soil	6	43	1.94	218	0.122	<1	3.34	0.026	0.06	<0.1	<0.01	9.9	<0.1	<0.05	10	<0.5	<0.2
1010979	Soil	14	31	0.74	223	0.083	2	1.67	0.031	0.06	0.2	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
1010984	Soil	6	49	1.10	270	0.069	1	2.50	0.025	0.05	0.1	0.02	5.2	<0.1	<0.05	8	<0.5	<0.2
1010646	Soil	9	52	1.61	63	0.003	1	2.70	0.010	0.06	<0.1	0.02	12.6	<0.1	<0.05	9	<0.5	<0.2
1010644	Soil	6	24	1.43	164	0.008	<1	2.75	0.016	0.02	<0.1	<0.01	10.7	<0.1	<0.05	10	<0.5	<0.2
1012831	Soil	7	22	2.71	204	0.086	2	3.36	0.023	0.05	<0.1	0.02	14.2	<0.1	<0.05	14	<0.5	<0.2
1022824	Soil	6	38	1.66	225	0.169	<1	3.17	0.025	0.08	<0.1	0.01	8.7	<0.1	<0.05	11	<0.5	<0.2
1010647	Soil	8	47	1.59	153	0.118	<1	2.39	0.024	0.06	<0.1	<0.01	6.1	<0.1	<0.05	7	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000522.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012832	Soil		0.2	56.0	2.5	59	<0.1	11.9	20.9	402	4.00	3.4	0.4	12.8	1.7	21	<0.1	0.2	<0.1	151	0.46	0.055
1053991	Soil		0.3	55.8	2.4	31	<0.1	8.5	12.0	124	2.16	2.8	0.2	1.5	0.7	12	<0.1	0.1	<0.1	78	0.36	0.061
1012830	Soil		0.3	47.9	4.6	92	<0.1	32.9	26.5	531	4.64	10.3	0.3	4.9	1.5	51	<0.1	0.5	<0.1	124	0.68	0.061
1010642	Soil		0.4	14.4	1.9	58	<0.1	30.8	22.9	384	3.77	3.1	0.8	<0.5	5.3	17	<0.1	0.1	<0.1	96	0.60	0.091
1012829	Soil		0.1	22.5	3.0	114	<0.1	37.5	29.0	585	4.54	12.1	0.3	<0.5	0.7	35	<0.1	0.5	<0.1	122	0.82	0.128
1022849	Soil		0.2	45.3	6.3	95	<0.1	8.7	15.1	309	4.03	2.0	0.8	1.2	7.4	35	<0.1	0.3	<0.1	101	0.45	0.078
1053992	Soil		0.1	86.2	2.3	34	<0.1	11.8	11.3	302	2.19	3.0	0.2	1.7	0.7	90	<0.1	0.1	<0.1	83	1.16	0.070
1010643	Soil		0.9	64.2	4.9	87	<0.1	23.2	24.2	797	5.46	5.8	0.8	<0.5	3.5	27	<0.1	0.3	<0.1	129	0.58	0.102
1012833	Soil		0.7	56.3	5.6	54	<0.1	20.9	17.7	331	3.69	5.9	0.6	2.5	2.9	36	<0.1	0.4	<0.1	120	0.46	0.022
1026611	Soil		0.1	53.6	5.9	110	<0.1	9.5	17.5	338	4.73	2.1	1.0	1.3	8.8	39	<0.1	0.3	<0.1	122	0.52	0.085
1012794	Soil		0.6	34.2	4.6	85	<0.1	20.5	17.4	573	4.18	6.9	0.3	2.5	1.7	20	<0.1	0.3	<0.1	80	0.39	0.048
1010983	Soil		0.7	52.7	6.1	65	<0.1	25.7	15.6	475	3.71	3.8	0.6	0.7	1.9	34	<0.1	0.2	<0.1	94	0.64	0.047
1010995	Soil		0.3	143.4	2.4	66	<0.1	33.7	26.3	507	3.88	3.9	0.6	9.8	3.1	54	0.1	<0.1	<0.1	100	0.71	0.087
1010998	Soil		<0.1	89.5	1.8	76	<0.1	33.8	28.3	857	5.23	2.8	0.2	2.4	0.5	44	<0.1	0.3	<0.1	141	3.40	0.088
1013338	Soil		0.5	52.8	5.0	45	<0.1	30.7	12.6	240	2.00	3.2	0.2	2.1	1.0	29	<0.1	0.2	<0.1	48	0.45	0.027
1010985	Soil		0.2	85.9	2.3	93	<0.1	39.0	28.5	785	5.26	2.4	0.4	2.7	2.6	50	<0.1	<0.1	<0.1	133	2.29	0.082
1010982	Soil		0.7	28.3	7.7	69	<0.1	24.8	11.5	443	2.66	8.6	0.6	2.5	4.1	39	0.2	0.6	0.2	67	0.69	0.087
1013336	Soil		0.7	68.4	5.8	92	<0.1	21.8	22.1	656	4.65	6.7	0.9	2.7	3.9	37	<0.1	0.3	<0.1	124	0.65	0.052
1010978	Soil		0.6	25.6	9.0	61	<0.1	18.7	10.2	331	2.27	4.4	37.9	6.5	5.0	65	0.2	0.4	0.2	54	0.67	0.075
1013342	Soil		0.6	65.4	1.4	61	<0.1	167.0	34.9	908	4.10	2.0	0.2	2.1	1.0	59	<0.1	0.1	<0.1	107	4.54	0.039
1018340	Soil		0.1	97.6	5.0	120	<0.1	40.0	34.1	1275	6.15	6.1	0.8	3.1	2.5	44	<0.1	0.3	<0.1	142	3.48	0.070
1013333	Soil		0.1	82.1	2.0	97	<0.1	35.4	33.2	1025	6.36	2.7	0.1	0.5	0.7	70	<0.1	0.3	<0.1	146	5.12	0.110

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Project: PED
Report Date: July 23, 2011

CERTIFICATE OF ANALYSIS WHI11000522.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012832	Soil	7	23	1.97	371	0.185	<1	2.64	0.035	0.22	<0.1	0.01	10.9	<0.1	<0.05	8	<0.5	<0.2
1053991	Soil	2	22	1.05	88	0.099	<1	1.72	0.033	0.10	<0.1	<0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1012830	Soil	8	51	2.51	194	0.113	2	2.95	0.014	0.09	<0.1	0.01	9.2	<0.1	<0.05	9	<0.5	<0.2
1010642	Soil	6	60	1.81	49	0.053	<1	2.58	0.037	0.03	<0.1	<0.01	6.6	<0.1	<0.05	9	<0.5	<0.2
1012829	Soil	2	58	2.81	233	0.166	3	2.80	0.022	0.24	<0.1	<0.01	10.9	<0.1	<0.05	8	<0.5	<0.2
1022849	Soil	24	12	1.47	251	0.008	1	2.99	0.015	0.07	<0.1	<0.01	9.5	<0.1	<0.05	11	<0.5	<0.2
1053992	Soil	3	20	0.81	130	0.081	<1	2.18	0.056	0.07	<0.1	0.01	6.6	<0.1	<0.05	6	<0.5	<0.2
1010643	Soil	7	40	2.01	138	0.023	<1	3.29	0.012	0.04	<0.1	<0.01	10.5	<0.1	<0.05	12	<0.5	<0.2
1012833	Soil	13	32	1.17	275	0.126	<1	2.47	0.041	0.06	<0.1	0.02	8.7	<0.1	<0.05	7	<0.5	<0.2
1026611	Soil	31	12	1.69	300	0.009	1	3.48	0.010	0.07	<0.1	<0.01	11.1	<0.1	<0.05	12	<0.5	<0.2
1012794	Soil	5	32	1.59	177	0.133	<1	2.56	0.018	0.15	<0.1	0.01	4.2	<0.1	<0.05	10	<0.5	<0.2
1010983	Soil	6	40	1.22	272	0.028	<1	2.32	0.009	0.10	<0.1	0.01	5.6	<0.1	<0.05	8	<0.5	<0.2
1010995	Soil	5	47	2.27	188	0.170	<1	2.75	0.026	0.28	0.3	0.02	5.9	<0.1	<0.05	8	<0.5	<0.2
1010998	Soil	3	62	2.82	97	0.037	1	3.51	0.015	0.03	<0.1	0.01	13.9	<0.1	<0.05	10	<0.5	<0.2
1013338	Soil	3	111	1.14	110	0.043	<1	1.91	0.012	0.04	0.1	0.01	4.6	<0.1	<0.05	5	<0.5	<0.2
1010985	Soil	7	63	2.25	118	0.018	<1	2.98	0.012	0.08	<0.1	0.03	12.6	<0.1	<0.05	9	<0.5	<0.2
1010982	Soil	12	33	0.78	163	0.098	2	1.46	0.038	0.12	0.2	<0.01	3.9	<0.1	<0.05	4	<0.5	<0.2
1013336	Soil	9	39	1.54	211	0.110	<1	3.23	0.033	0.07	<0.1	0.02	8.5	<0.1	<0.05	10	<0.5	<0.2
1010978	Soil	13	27	0.73	208	0.061	1	1.55	0.027	0.05	0.2	0.04	3.8	<0.1	<0.05	5	<0.5	<0.2
1013342	Soil	3	341	4.10	125	0.066	<1	3.44	0.011	0.05	<0.1	0.02	11.2	<0.1	<0.05	9	<0.5	<0.2
1018340	Soil	18	23	3.56	142	0.002	1	4.08	0.005	0.04	0.2	0.05	17.4	<0.1	<0.05	16	<0.5	<0.2
1013333	Soil	4	74	2.29	345	0.004	<1	3.48	0.008	0.03	<0.1	0.01	18.0	<0.1	<0.05	13	<0.5	<0.2

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Project: PED
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000522.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1012864	Soil	0.8	18.7	7.1	65	<0.1	24.1	11.5	299	3.42	7.6	0.6	1.6	3.2	26	<0.1	0.2	<0.1	55	0.24	0.059
REP 1012864	QC	0.8	18.3	7.1	65	<0.1	24.3	11.6	301	3.40	7.8	0.6	1.6	3.2	26	<0.1	0.2	<0.1	57	0.25	0.061
1012860	Soil	0.8	12.9	9.0	36	<0.1	12.7	5.7	162	2.69	7.6	0.4	2.6	1.7	18	0.1	0.2	0.1	60	0.20	0.046
REP 1012860	QC	0.8	13.4	8.9	36	<0.1	12.7	5.8	164	2.66	7.6	0.4	1.5	1.6	18	0.1	0.3	0.1	61	0.21	0.044
1010914	Soil	0.4	34.0	2.5	82	<0.1	20.3	18.4	521	3.73	4.3	0.2	1.4	0.6	32	<0.1	0.1	<0.1	78	0.42	0.038
REP 1010914	QC	0.4	34.2	2.6	83	<0.1	20.2	18.7	540	3.80	4.3	0.2	<0.5	0.6	32	<0.1	0.1	<0.1	85	0.40	0.037
1053084	Soil	0.3	32.7	1.2	83	<0.1	39.6	31.5	697	5.97	3.0	0.4	<0.5	3.6	37	<0.1	0.1	<0.1	130	0.87	0.069
REP 1053084	QC	0.4	32.2	1.4	83	<0.1	40.3	30.8	747	5.75	3.2	0.4	<0.5	3.7	37	<0.1	0.1	<0.1	121	0.88	0.083
1011938	Soil	0.3	15.2	13.5	90	<0.1	10.5	21.4	1008	5.50	4.6	1.4	<0.5	13.2	24	<0.1	0.2	0.2	94	0.53	0.064
REP 1011938	QC	0.2	15.4	13.9	90	<0.1	10.7	21.9	1052	5.72	4.7	1.4	<0.5	13.2	25	<0.1	0.2	0.2	97	0.54	0.065
1012828	Soil	0.6	46.9	6.6	62	<0.1	24.8	11.7	335	3.00	15.2	0.6	3.3	3.3	32	<0.1	0.5	<0.1	65	0.37	0.043
REP 1012828	QC	0.6	44.7	6.8	60	<0.1	23.6	11.6	311	2.89	14.6	0.6	3.9	3.3	32	<0.1	0.5	0.1	65	0.37	0.042
1020782	Soil	2.4	34.0	13.7	98	0.2	35.1	13.8	595	3.81	203.5	0.6	0.6	5.2	18	0.2	0.9	0.1	68	0.28	0.035
REP 1020782	QC	2.4	34.2	13.4	100	0.2	33.8	13.9	576	3.79	205.9	0.7	1.2	5.4	19	0.2	1.0	0.1	75	0.27	0.035
1010997	Soil	0.1	82.0	1.5	69	<0.1	30.9	27.0	850	5.05	1.5	0.1	1.1	0.5	43	<0.1	0.3	<0.1	110	3.72	0.092
REP 1010997	QC	0.1	80.5	1.4	66	<0.1	30.3	25.3	800	4.88	1.5	0.1	<0.5	0.5	45	<0.1	0.2	<0.1	108	3.64	0.085
1012833	Soil	0.7	56.3	5.6	54	<0.1	20.9	17.7	331	3.69	5.9	0.6	2.5	2.9	36	<0.1	0.4	<0.1	120	0.46	0.022
REP 1012833	QC	0.7	56.5	5.6	55	<0.1	21.8	17.9	349	3.73	6.4	0.6	2.3	3.0	35	<0.1	0.4	<0.1	125	0.49	0.022
Reference Materials																					
STD DS8	Standard	13.3	122.7	131.5	329	1.9	41.8	8.0	628	2.54	27.9	3.1	114.2	7.4	70	2.5	6.3	7.6	45	0.68	0.081
STD DS8	Standard	14.3	118.8	128.7	326	1.8	39.1	7.9	640	2.49	26.7	3.0	119.0	7.5	69	2.4	6.1	7.3	45	0.72	0.079
STD DS8	Standard	14.9	122.0	136.4	351	2.0	40.4	8.7	691	2.67	30.0	1.9	117.3	6.3	72	2.4	6.1	6.9	45	0.75	0.092
STD DS8	Standard	13.4	114.1	131.1	337	2.0	40.1	7.9	636	2.55	28.3	2.9	113.5	7.1	71	2.7	5.9	6.5	44	0.71	0.087
STD DS8	Standard	12.2	101.6	105.6	304	1.8	35.0	7.0	578	2.36	25.5	2.2	107.5	5.5	57	2.1	4.5	5.5	38	0.66	0.074
STD DS8	Standard	12.3	101.1	104.9	294	1.7	34.8	7.0	571	2.32	25.0	2.3	109.2	5.3	55	2.0	4.6	5.4	36	0.64	0.075
STD DS8	Standard	11.8	110.9	125.4	321	1.8	39.1	7.9	595	2.43	26.8	2.5	109.7	6.2	60	2.3	5.2	6.3	38	0.69	0.082
STD DS8	Standard	12.4	109.1	122.9	305	1.7	38.8	7.7	591	2.37	25.9	2.5	98.6	5.9	61	2.3	5.2	6.1	41	0.65	0.079
STD DS8	Standard	12.9	109.4	114.0	302	1.7	37.5	7.1	582	2.41	26.0	2.4	101.3	6.1	59	2.6	5.5	6.1	35	0.63	0.075

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000522.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1012864	Soil	13	31	0.76	85	0.092	1	2.00	0.008	0.10	<0.1	0.02	2.0	<0.1	<0.05	7	<0.5	<0.2
REP 1012864	QC	13	31	0.78	85	0.097	<1	2.00	0.009	0.10	<0.1	0.02	1.9	<0.1	<0.05	7	0.5	<0.2
1012860	Soil	9	24	0.37	151	0.057	2	1.64	0.009	0.05	<0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
REP 1012860	QC	9	25	0.38	151	0.063	2	1.64	0.010	0.05	<0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
1010914	Soil	2	39	1.79	114	0.147	2	2.60	0.017	0.05	<0.1	<0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
REP 1010914	QC	1	40	1.86	116	0.140	1	2.55	0.017	0.04	<0.1	<0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1053084	Soil	10	68	2.82	110	0.024	<1	3.17	0.012	0.03	<0.1	<0.01	12.2	<0.1	<0.05	10	<0.5	<0.2
REP 1053084	QC	11	69	2.85	115	0.027	1	3.22	0.014	0.03	<0.1	<0.01	13.2	<0.1	<0.05	10	<0.5	<0.2
1011938	Soil	37	22	1.79	189	0.002	2	2.78	0.005	0.07	0.1	0.02	18.6	<0.1	<0.05	11	<0.5	<0.2
REP 1011938	QC	38	22	1.88	186	0.002	2	3.03	0.006	0.07	<0.1	0.02	19.5	<0.1	<0.05	12	0.6	<0.2
1012828	Soil	12	36	0.96	235	0.138	1	1.89	0.018	0.10	0.1	0.02	6.2	<0.1	<0.05	6	<0.5	<0.2
REP 1012828	QC	12	34	0.88	239	0.130	1	1.86	0.018	0.10	0.1	0.03	6.0	<0.1	<0.05	6	<0.5	<0.2
1020782	Soil	11	48	0.53	245	0.040	2	1.87	0.008	0.06	<0.1	<0.01	5.0	0.1	<0.05	6	<0.5	<0.2
REP 1020782	QC	11	45	0.55	239	0.040	<1	1.86	0.009	0.06	<0.1	0.01	4.7	0.1	<0.05	6	0.6	<0.2
1010997	Soil	3	60	2.70	88	0.051	<1	3.42	0.019	0.04	<0.1	0.02	14.1	<0.1	<0.05	9	<0.5	<0.2
REP 1010997	QC	3	58	2.62	91	0.052	<1	3.29	0.019	0.04	<0.1	0.02	14.0	<0.1	<0.05	10	<0.5	<0.2
1012833	Soil	13	32	1.17	275	0.126	<1	2.47	0.041	0.06	<0.1	0.02	8.7	<0.1	<0.05	7	<0.5	<0.2
REP 1012833	QC	13	33	1.18	274	0.128	<1	2.52	0.044	0.06	<0.1	0.03	8.9	<0.1	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	126	0.66	297	0.114	3	0.92	0.086	0.43	3.0	0.20	2.1	5.5	0.17	5	5.1	5.6
STD DS8	Standard	15	126	0.64	286	0.118	2	0.93	0.088	0.45	3.1	0.21	2.3	5.6	0.18	5	4.6	5.1
STD DS8	Standard	15	126	0.67	306	0.132	2	1.04	0.099	0.46	3.2	0.22	2.2	5.5	0.17	5	5.3	5.0
STD DS8	Standard	16	116	0.62	301	0.126	2	0.98	0.095	0.43	3.1	0.21	2.2	5.4	0.16	5	5.4	5.1
STD DS8	Standard	12	112	0.59	267	0.094	3	0.88	0.095	0.42	2.9	0.21	2.3	5.2	0.16	5	5.4	4.9
STD DS8	Standard	12	108	0.58	266	0.093	4	0.86	0.093	0.40	2.9	0.21	2.3	5.1	0.14	4	5.6	4.7
STD DS8	Standard	12	117	0.62	274	0.109	3	0.88	0.094	0.45	3.3	0.19	2.3	5.4	0.18	5	4.6	4.9
STD DS8	Standard	12	117	0.59	278	0.108	2	0.87	0.090	0.43	2.9	0.19	2.1	5.2	0.16	4	5.3	5.2
STD DS8	Standard	14	111	0.58	278	0.107	3	0.86	0.078	0.40	3.1	0.22	2.2	5.0	0.13	5	5.0	4.8

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000522.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	13.8	110.3	118.8	311	1.8	38.6	7.4	617	2.50	26.7	2.7	117.2	6.8	63	2.4	5.6	6.3	37	0.70	0.076
STD DS8	Standard	12.8	103.5	120.5	297	1.6	35.2	7.3	614	2.49	24.2	2.7	105.8	6.6	67	1.9	5.4	6.1	35	0.72	0.075
STD DS8	Standard	13.0	100.8	120.7	292	1.7	37.0	7.0	585	2.36	23.8	2.6	95.1	6.8	66	2.2	4.9	6.2	27	0.70	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 23, 2011

QUALITY CONTROL REPORT WHI11000522.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	15	117	0.63	288	0.118	3	0.92	0.085	0.42	3.1	0.21	2.4	5.3	0.14	5	5.6	5.1
STD DS8	Standard	14	116	0.57	276	0.125	<1	0.90	0.088	0.41	2.8	0.17	2.1	4.8	0.13	4	5.2	4.6
STD DS8	Standard	15	117	0.56	260	0.120	2	0.88	0.082	0.39	2.8	0.17	2.0	4.9	0.17	4	4.9	4.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Submitted By: Dayna
Receiving Lab: Canada-Whitehorse
Received: July 11, 2011
Report Date: July 30, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS WHI11000523.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-14
P.O. Number
Number of Samples: 197

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	197	Dry at 60C sieve 100g to -80 mesh			WHI
Dry at 60C	197	Dry at 60C			WHI
1DX2	197	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Peter Tallman
Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000523.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062621	Soil	0.5	13.9	7.0	141	<0.1	8.5	12.4	905	3.55	3.2	1.0	0.6	20.3	37	<0.1	0.2	<0.1	60	0.30	0.067
1062623	Soil	1.2	12.4	8.5	64	<0.1	15.7	10.5	398	3.19	8.6	0.5	1.6	6.1	40	<0.1	0.5	0.2	63	0.13	0.029
1062622	Soil	0.9	7.5	9.3	37	<0.1	7.1	5.8	343	1.74	0.8	1.1	0.7	14.3	92	<0.1	<0.1	<0.1	15	0.30	0.036
1062619	Soil	4.0	14.0	11.6	59	<0.1	8.6	8.2	392	2.70	2.8	1.3	0.9	10.5	18	<0.1	0.2	0.1	34	0.19	0.031
1062617	Soil	3.8	18.4	9.3	286	<0.1	67.7	20.7	691	3.87	3.9	0.9	0.8	12.0	14	1.0	0.1	<0.1	84	0.23	0.065
1062624	Soil	1.0	7.7	11.0	128	<0.1	9.2	10.0	625	3.13	5.3	0.4	1.1	4.7	163	0.2	0.3	<0.1	54	0.20	0.077
1062615	Soil	1.3	17.0	8.4	66	<0.1	18.1	12.7	551	3.28	5.8	0.6	1.3	7.8	13	<0.1	0.3	0.1	64	0.17	0.044
1062620	Soil	3.6	13.6	7.6	47	<0.1	9.9	7.8	290	2.83	4.1	0.8	2.1	8.6	13	<0.1	0.2	<0.1	42	0.12	0.028
1062614	Soil	3.0	16.7	8.6	54	<0.1	14.0	7.4	376	2.88	3.8	1.5	3.3	15.5	19	<0.1	0.7	0.1	40	0.18	0.028
1062613	Soil	1.9	11.9	10.0	57	<0.1	6.5	10.6	636	3.07	3.3	0.9	<0.5	14.1	11	<0.1	0.2	<0.1	40	0.15	0.051
1062634	Soil	0.3	54.6	24.8	55	0.9	4.6	8.6	693	2.83	1.1	2.3	6.3	24.5	84	<0.1	1.3	0.1	33	0.19	0.047
1062633	Soil	0.6	8.3	8.2	71	<0.1	9.0	12.6	596	3.73	4.1	0.9	1.5	11.7	13	<0.1	0.2	<0.1	60	0.17	0.048
1062616	Soil	3.8	21.2	7.9	77	<0.1	37.4	17.9	647	3.59	2.9	0.8	<0.5	14.2	14	<0.1	<0.1	<0.1	69	0.24	0.065
1062618	Soil	0.7	13.7	6.6	66	<0.1	12.7	11.2	552	3.17	5.6	0.6	0.7	13.1	18	<0.1	0.2	<0.1	53	0.16	0.032
1062636	Soil	0.4	8.4	8.9	56	<0.1	7.9	9.7	602	2.91	2.4	1.7	1.1	25.4	807	<0.1	0.2	<0.1	41	0.43	0.032
1062635	Soil	0.5	5.9	7.4	60	<0.1	7.4	10.0	548	3.43	2.6	1.6	<0.5	14.7	20	<0.1	0.8	<0.1	43	0.21	0.047
1062632	Soil	0.3	5.9	7.4	84	<0.1	6.7	11.7	776	3.19	2.0	0.9	0.5	12.0	34	<0.1	0.1	<0.1	50	0.21	0.059
1062628	Soil	0.4	9.1	4.3	86	<0.1	10.4	14.7	738	3.71	2.6	0.4	<0.5	9.2	62	<0.1	0.2	<0.1	59	0.25	0.070
1062627	Soil	0.6	6.7	7.2	53	<0.1	7.0	8.4	546	2.65	2.2	1.0	2.4	14.4	122	<0.1	0.1	<0.1	38	0.39	0.048
1062625	Soil	0.3	4.7	8.5	70	<0.1	5.1	7.9	467	2.00	0.8	0.5	<0.5	11.2	43	<0.1	<0.1	<0.1	27	0.39	0.043
1062629	Soil	0.5	5.6	9.3	58	<0.1	7.2	8.7	426	2.91	1.8	0.9	1.5	12.7	232	<0.1	0.2	<0.1	40	0.36	0.032
1062626	Soil	0.4	7.4	10.1	77	<0.1	5.4	8.6	463	2.42	2.3	0.6	0.6	11.7	34	<0.1	0.1	<0.1	32	0.30	0.041
1062610	Soil	0.6	20.7	17.3	137	<0.1	14.4	6.5	549	2.43	3.9	1.9	1.4	18.8	21	0.3	0.2	0.5	30	0.29	0.026
1062601	Soil	1.0	20.2	10.1	48	<0.1	20.2	9.3	298	2.77	8.0	1.4	2.5	8.4	18	<0.1	0.4	0.2	65	0.15	0.018
1062631	Soil	0.5	7.0	6.2	57	<0.1	8.6	8.2	598	2.46	1.9	1.1	1.0	14.9	56	<0.1	<0.1	<0.1	40	0.52	0.060
1062603	Soil	0.8	15.1	10.5	45	<0.1	15.8	7.6	212	2.67	7.3	1.1	2.6	11.9	16	<0.1	0.4	0.2	58	0.13	0.017
1062605	Soil	0.8	21.4	13.2	40	<0.1	14.7	4.9	252	2.25	6.4	2.3	6.5	15.5	15	<0.1	0.4	0.7	45	0.13	0.018
1062604	Soil	0.7	25.1	9.9	41	<0.1	16.1	6.2	323	2.13	6.1	2.7	3.0	14.4	17	<0.1	0.5	0.4	44	0.15	0.019
1062630	Soil	0.5	16.9	23.3	90	<0.1	71.5	17.0	695	3.91	2.2	1.7	0.9	10.4	37	<0.1	0.2	<0.1	65	0.47	0.043
1062602	Soil	0.7	26.0	9.4	54	<0.1	20.4	9.0	375	2.54	7.8	1.5	2.3	8.6	27	<0.1	0.5	0.2	58	0.25	0.024

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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000523.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062621	Soil		26	15	1.08	204	0.107	2	2.47	0.007	0.40	<0.1	<0.01	3.0	0.2	<0.05	7	0.6	<0.2
1062623	Soil		8	27	0.64	140	0.128	1	2.28	0.008	0.21	0.1	0.02	2.1	0.2	<0.05	6	<0.5	<0.2
1062622	Soil		32	11	0.34	193	0.002	<1	1.23	0.005	0.10	<0.1	<0.01	1.8	<0.1	<0.05	3	<0.5	<0.2
1062619	Soil		35	16	0.50	175	0.027	1	1.77	0.006	0.20	<0.1	0.01	3.2	0.2	<0.05	5	0.6	<0.2
1062617	Soil		12	54	1.59	192	0.177	1	2.92	0.007	0.58	0.1	<0.01	2.7	0.5	<0.05	8	<0.5	<0.2
1062624	Soil		10	18	0.67	179	0.096	<1	2.09	0.008	0.44	0.1	<0.01	1.0	0.2	<0.05	6	<0.5	<0.2
1062615	Soil		11	32	0.74	146	0.129	1	2.40	0.007	0.26	<0.1	0.01	2.2	0.2	<0.05	7	0.6	<0.2
1062620	Soil		21	18	0.35	179	0.014	<1	2.00	0.006	0.14	<0.1	<0.01	2.4	0.2	<0.05	5	<0.5	<0.2
1062614	Soil		53	23	0.46	364	0.032	<1	1.69	0.005	0.12	<0.1	<0.01	3.1	0.1	<0.05	4	<0.5	<0.2
1062613	Soil		11	13	0.52	113	0.027	<1	1.60	0.005	0.24	0.2	<0.01	2.1	0.1	<0.05	6	<0.5	<0.2
1062634	Soil		28	8	0.51	94	0.002	<1	1.67	0.006	0.12	<0.1	0.01	3.6	0.1	<0.05	5	<0.5	<0.2
1062633	Soil		10	17	0.69	133	0.087	<1	2.51	0.010	0.47	<0.1	<0.01	3.4	0.3	<0.05	7	<0.5	<0.2
1062616	Soil		14	32	1.27	158	0.201	<1	2.65	0.006	0.71	0.1	0.01	2.7	0.5	<0.05	7	<0.5	<0.2
1062618	Soil		10	20	0.78	119	0.150	<1	2.39	0.006	0.30	0.2	<0.01	1.7	0.2	<0.05	6	<0.5	<0.2
1062636	Soil		38	14	0.66	1087	0.023	<1	2.16	0.024	0.20	<0.1	0.01	4.1	0.2	<0.05	5	<0.5	<0.2
1062635	Soil		21	12	0.70	113	0.027	<1	1.65	0.004	0.09	<0.1	<0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1062632	Soil		15	10	0.78	137	0.085	<1	2.48	0.007	0.51	<0.1	<0.01	1.9	0.3	<0.05	6	<0.5	<0.2
1062628	Soil		16	13	1.08	152	0.207	<1	2.68	0.012	0.85	<0.1	<0.01	1.4	0.4	<0.05	7	<0.5	<0.2
1062627	Soil		35	14	0.73	312	0.039	<1	1.93	0.008	0.21	<0.1	<0.01	3.4	0.2	<0.05	5	<0.5	<0.2
1062625	Soil		23	9	0.66	94	0.056	<1	1.75	0.006	0.28	<0.1	<0.01	1.2	0.2	<0.05	4	<0.5	<0.2
1062629	Soil		65	13	0.72	204	0.021	<1	2.14	0.011	0.20	<0.1	<0.01	2.3	0.2	<0.05	6	<0.5	<0.2
1062626	Soil		18	10	0.68	91	0.058	<1	1.88	0.007	0.19	<0.1	<0.01	1.3	0.1	<0.05	5	<0.5	<0.2
1062610	Soil		48	22	0.39	218	0.015	<1	1.50	0.009	0.08	<0.1	<0.01	3.9	<0.1	<0.05	4	<0.5	<0.2
1062601	Soil		19	39	0.48	166	0.074	<1	2.16	0.010	0.04	0.1	0.01	4.3	0.1	<0.05	6	0.5	<0.2
1062631	Soil		43	13	0.63	111	0.066	<1	1.75	0.008	0.54	<0.1	<0.01	3.3	0.3	<0.05	5	<0.5	<0.2
1062603	Soil		18	32	0.38	127	0.058	<1	2.11	0.007	0.05	<0.1	0.02	3.1	0.1	<0.05	7	<0.5	<0.2
1062605	Soil		32	27	0.32	134	0.048	<1	1.71	0.006	0.07	0.3	0.01	2.5	0.1	<0.05	5	<0.5	<0.2
1062604	Soil		47	27	0.36	147	0.062	<1	1.58	0.007	0.06	0.1	0.01	2.9	0.1	<0.05	5	<0.5	<0.2
1062630	Soil		27	138	1.24	158	0.021	<1	2.25	0.007	0.17	<0.1	<0.01	8.8	0.2	<0.05	6	<0.5	<0.2
1062602	Soil		22	35	0.49	230	0.068	<1	1.75	0.010	0.05	0.1	0.04	5.6	0.1	<0.05	5	<0.5	<0.2

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CERTIFICATE OF ANALYSIS WHI11000523.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062607	Soil	0.7	8.8	8.3	50	<0.1	9.3	6.3	356	2.32	3.9	1.1	2.4	13.5	24	<0.1	0.3	0.2	36	0.22	0.023
1062606	Soil	0.6	12.5	8.7	50	<0.1	7.8	5.2	278	2.40	4.0	0.6	1.2	8.1	19	<0.1	0.2	0.3	27	0.15	0.015
1010711	Soil	0.8	17.1	5.4	80	<0.1	18.7	20.6	848	3.77	3.9	0.3	0.8	3.8	26	<0.1	0.2	<0.1	72	0.37	0.044
1010718	Soil	0.9	15.2	6.2	66	<0.1	17.5	12.5	551	2.76	4.3	0.4	5.1	3.2	25	<0.1	0.3	<0.1	63	0.29	0.035
1010724	Soil	0.6	12.2	4.5	63	<0.1	15.1	14.5	668	2.81	4.3	0.4	2.2	4.0	25	<0.1	0.3	0.1	64	0.35	0.050
1010713	Soil	0.6	20.5	6.2	69	<0.1	18.8	16.8	673	3.49	6.0	0.3	<0.5	3.3	24	<0.1	0.3	0.2	80	0.30	0.029
1010722	Soil	1.1	12.8	8.1	72	<0.1	21.6	17.2	735	3.53	5.5	0.4	1.1	4.2	30	<0.1	0.4	0.2	72	0.42	0.068
1010725	Soil	0.7	15.8	5.3	75	<0.1	14.8	16.5	547	3.40	3.5	0.4	2.0	3.3	40	0.1	0.2	0.2	73	0.37	0.070
1010719	Soil	1.1	17.4	8.8	58	<0.1	36.7	12.6	644	2.71	7.5	0.6	2.7	4.0	27	<0.1	0.5	0.2	59	0.30	0.030
1010714	Soil	1.1	97.8	8.5	84	<0.1	22.7	16.4	1023	4.48	7.4	0.8	0.7	12.4	24	0.1	0.5	0.2	119	0.40	0.051
1010720	Soil	1.3	20.3	10.3	66	<0.1	24.8	14.4	554	3.55	8.2	0.5	1.0	5.8	28	<0.1	0.5	0.2	71	0.35	0.038
1010721	Soil	0.4	24.9	4.5	65	<0.1	13.2	16.8	625	3.62	3.9	0.6	0.7	5.7	22	<0.1	0.2	0.1	75	0.37	0.056
1010729	Soil	0.9	46.2	6.4	58	<0.1	23.7	14.9	422	3.13	7.4	1.0	3.2	8.4	34	<0.1	0.4	0.2	71	0.48	0.059
1010701	Soil	0.6	47.4	5.1	54	<0.1	16.0	14.6	281	3.12	5.9	0.3	1.1	2.7	45	0.1	0.3	0.1	71	0.98	0.319
1010723	Soil	0.8	20.5	4.8	73	<0.1	14.9	14.6	529	3.04	4.4	0.3	0.7	3.4	26	<0.1	0.4	0.1	67	0.37	0.055
1010709	Soil	0.9	15.9	6.9	58	<0.1	13.5	10.1	426	3.10	4.9	0.7	1.9	7.3	17	<0.1	0.4	0.2	56	0.23	0.047
1010732	Soil	0.7	28.8	7.7	48	0.1	28.0	10.8	370	2.51	11.8	0.4	3.0	4.8	32	0.1	0.7	0.2	53	0.70	0.027
1010704	Soil	0.4	200.0	3.9	23	<0.1	181.2	36.8	234	2.93	3.6	<0.1	<0.5	0.4	14	<0.1	0.1	<0.1	81	0.29	0.025
1010767	Soil	1.1	37.9	9.2	79	0.1	17.2	13.4	630	3.24	5.7	1.4	7.6	5.6	29	0.2	0.4	0.2	65	0.48	0.044
1010772	Soil	1.2	43.6	10.1	86	<0.1	30.2	15.1	548	4.15	4.5	0.8	<0.5	3.8	19	<0.1	0.4	0.1	74	0.38	0.056
1010771	Soil	0.9	31.1	7.4	75	<0.1	19.6	15.2	563	3.98	6.5	0.9	1.9	4.8	22	<0.1	0.3	0.2	82	0.34	0.059
1010768	Soil	1.0	37.9	8.6	87	<0.1	20.1	14.5	502	3.48	7.1	0.9	9.3	4.4	22	<0.1	0.4	0.2	71	0.31	0.042
1010710	Soil	0.8	20.8	7.3	53	<0.1	18.9	13.3	509	3.85	5.6	1.2	5.8	9.0	14	<0.1	0.4	0.1	36	0.25	0.041
1010715	Soil	1.3	12.6	8.6	45	0.2	18.1	9.1	1111	2.18	5.5	0.3	1.7	1.9	25	0.1	0.4	0.2	52	0.30	0.040
1010717	Soil	0.6	29.4	4.6	71	<0.1	15.4	19.0	524	4.10	4.7	0.5	1.3	4.9	19	<0.1	0.2	<0.1	86	0.23	0.025
1010703	Soil	0.2	226.8	2.2	21	<0.1	25.2	32.5	204	3.00	2.0	0.2	0.7	0.6	22	<0.1	0.1	<0.1	107	0.60	0.010
1010708	Soil	0.5	32.2	3.1	81	<0.1	9.5	17.2	567	4.11	3.1	0.7	<0.5	4.9	41	<0.1	0.2	<0.1	88	1.48	0.436
1010707	Soil	0.8	29.7	6.8	71	<0.1	17.5	14.2	502	3.61	7.0	0.4	2.4	4.4	27	<0.1	0.3	0.1	76	0.38	0.082
1010733	Soil	0.7	21.2	8.7	53	0.1	22.5	11.8	510	2.55	10.5	0.5	2.3	5.3	28	0.2	0.7	0.2	52	0.39	0.036
1010731	Soil	1.1	15.5	8.7	47	<0.1	20.6	9.5	360	2.40	9.2	0.6	1.7	4.7	22	<0.1	0.5	0.2	50	0.33	0.055

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062607	Soil	28	18	0.49	151	0.028	<1	1.92	0.005	0.11	<0.1	<0.01	1.7	0.2	<0.05	5	<0.5	<0.2
1062606	Soil	8	15	0.44	101	0.038	<1	2.09	0.005	0.21	0.1	<0.01	1.4	0.2	<0.05	6	<0.5	<0.2
1010711	Soil	6	33	1.67	273	0.125	<1	2.40	0.007	0.29	0.1	<0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1010718	Soil	8	33	0.84	227	0.095	<1	1.89	0.013	0.10	0.1	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1010724	Soil	11	28	0.98	425	0.153	<1	1.72	0.010	0.41	0.1	<0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1010713	Soil	5	31	1.47	412	0.196	<1	2.51	0.009	0.56	0.1	0.02	1.8	0.2	<0.05	6	<0.5	<0.2
1010722	Soil	8	37	1.35	352	0.160	1	2.11	0.012	0.47	0.2	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1010725	Soil	9	28	1.37	351	0.208	1	2.13	0.011	0.70	0.1	0.02	2.2	0.2	<0.05	6	<0.5	<0.2
1010719	Soil	9	66	0.84	338	0.079	1	1.69	0.009	0.10	0.2	0.02	4.1	<0.1	<0.05	5	<0.5	<0.2
1010714	Soil	15	45	1.85	248	0.123	2	2.90	0.009	0.17	0.1	0.02	8.1	<0.1	<0.05	10	<0.5	<0.2
1010720	Soil	10	43	1.20	309	0.147	1	2.11	0.009	0.39	0.1	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1010721	Soil	12	28	1.61	288	0.211	<1	2.32	0.009	0.97	0.1	<0.01	3.0	0.2	<0.05	6	<0.5	<0.2
1010729	Soil	21	33	1.11	368	0.143	2	1.86	0.014	0.53	0.2	0.04	4.0	0.1	<0.05	6	<0.5	<0.2
1010701	Soil	7	26	1.04	235	0.095	2	2.10	0.041	0.30	0.2	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1010723	Soil	9	26	1.11	387	0.184	1	1.88	0.010	0.40	0.1	0.01	1.8	0.1	<0.05	5	<0.5	<0.2
1010709	Soil	8	22	0.69	250	0.084	1	1.64	0.008	0.28	0.2	<0.01	2.5	0.1	<0.05	6	<0.5	<0.2
1010732	Soil	13	29	0.65	207	0.081	1	1.23	0.014	0.28	0.2	0.03	3.7	0.1	<0.05	4	<0.5	<0.2
1010704	Soil	1	322	2.22	533	0.129	<1	1.76	0.015	0.60	<0.1	<0.01	2.6	0.2	<0.05	3	<0.5	<0.2
1010767	Soil	17	32	0.80	253	0.118	1	1.61	0.016	0.20	0.1	0.04	3.3	0.1	<0.05	6	<0.5	<0.2
1010772	Soil	6	68	1.29	188	0.190	1	2.08	0.014	0.44	0.1	0.02	2.3	0.1	<0.05	8	<0.5	<0.2
1010771	Soil	12	37	1.20	226	0.178	<1	2.10	0.011	0.35	0.1	0.02	3.0	0.2	<0.05	7	<0.5	<0.2
1010768	Soil	12	31	0.91	228	0.122	1	1.85	0.014	0.12	0.2	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1010710	Soil	24	20	0.23	312	0.010	1	1.00	0.006	0.11	0.2	0.02	4.3	<0.1	<0.05	2	<0.5	<0.2
1010715	Soil	7	31	0.42	353	0.040	<1	1.40	0.008	0.05	0.1	0.02	2.2	<0.1	<0.05	4	<0.5	<0.2
1010717	Soil	9	30	1.58	283	0.153	<1	2.59	0.009	0.66	<0.1	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
1010703	Soil	5	13	1.77	172	0.182	<1	1.87	0.089	0.37	<0.1	<0.01	7.1	<0.1	<0.05	4	<0.5	<0.2
1010708	Soil	15	11	1.37	511	0.120	<1	2.43	0.057	0.84	<0.1	<0.01	3.9	0.2	<0.05	7	<0.5	<0.2
1010707	Soil	7	28	1.12	389	0.169	1	2.09	0.012	0.67	0.1	0.01	2.3	0.2	<0.05	6	<0.5	<0.2
1010733	Soil	13	30	0.55	279	0.072	2	1.37	0.014	0.19	0.2	0.03	4.3	0.1	<0.05	4	<0.5	<0.2
1010731	Soil	13	32	0.47	265	0.069	2	1.26	0.010	0.19	0.3	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2

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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000523.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010716	Soil		1.0	13.9	8.2	87	<0.1	18.3	12.9	1353	2.59	5.1	0.3	2.0	1.4	34	0.1	0.4	0.2	59	0.43	0.063
1010705	Soil		0.4	91.1	3.6	23	<0.1	102.5	30.6	248	2.54	2.6	0.1	0.7	0.5	21	<0.1	<0.1	<0.1	78	0.40	0.019
1010728	Soil		0.5	15.6	5.1	60	<0.1	14.6	14.9	532	3.15	4.4	0.4	0.8	4.6	33	<0.1	0.3	<0.1	71	0.31	0.041
1010730	Soil		1.0	50.3	6.9	54	<0.1	22.2	14.9	410	3.14	7.1	1.1	16.1	9.6	36	<0.1	0.4	0.1	72	0.48	0.065
1010759	Soil		0.9	27.6	5.2	74	<0.1	22.7	19.1	692	4.15	3.8	0.6	4.9	4.1	48	<0.1	0.2	<0.1	87	0.50	0.055
1010775	Soil		0.8	35.0	10.3	98	0.1	24.0	16.0	694	3.85	5.1	1.0	4.0	4.4	27	0.2	0.3	0.1	80	0.48	0.064
1010760	Soil		1.2	29.2	9.2	74	<0.1	23.1	17.4	633	3.95	7.2	0.6	1.6	4.5	38	<0.1	0.5	0.1	77	0.43	0.038
1010776	Soil		1.1	24.0	9.0	90	<0.1	21.8	16.5	646	3.67	4.9	0.7	<0.5	3.1	31	<0.1	0.3	<0.1	76	0.50	0.071
1010781	Soil		1.2	35.8	9.5	54	<0.1	27.1	12.7	448	3.10	8.5	0.7	3.8	4.5	26	<0.1	0.5	0.1	69	0.49	0.020
1010778	Soil		1.4	41.0	11.5	91	<0.1	25.4	26.4	1121	5.46	2.7	1.0	4.2	6.0	23	<0.1	0.2	0.2	98	0.41	0.073
1010777	Soil		1.1	41.8	8.5	98	0.1	28.3	23.1	826	4.49	6.7	1.0	2.0	3.7	28	<0.1	0.4	0.1	98	0.44	0.069
1010780	Soil		1.2	51.3	7.1	118	<0.1	35.4	31.5	985	5.39	7.3	0.8	1.5	2.7	26	<0.1	0.4	<0.1	104	0.53	0.073
1010762	Soil		0.9	31.9	7.8	84	<0.1	22.2	19.8	708	4.41	8.3	0.8	11.9	4.1	32	<0.1	0.3	<0.1	96	0.45	0.054
1010753	Soil		0.9	26.5	13.0	66	<0.1	24.6	13.5	374	2.65	6.0	1.1	2.1	4.2	36	0.1	0.2	0.1	63	0.66	0.055
1010779	Soil		1.0	48.4	8.3	95	<0.1	25.2	30.7	1172	5.77	4.4	1.1	3.7	6.0	23	<0.1	0.2	0.2	107	0.43	0.076
1010774	Soil		1.0	39.4	8.2	76	0.2	21.6	13.3	544	3.08	8.2	1.5	4.1	4.4	41	0.3	0.3	0.1	64	0.67	0.064
1010761	Soil		2.3	58.1	6.8	92	<0.1	23.3	23.6	836	4.67	6.7	0.5	<0.5	3.7	42	<0.1	0.2	<0.1	105	0.58	0.070
1010796	Soil		1.1	50.5	8.8	93	0.2	20.5	18.8	702	4.47	7.5	1.5	2.6	5.4	33	<0.1	0.3	<0.1	94	0.74	0.067
1010770	Soil		1.4	51.4	8.9	126	<0.1	16.3	21.7	842	4.95	7.1	1.4	2.1	6.8	26	0.1	0.3	0.1	101	0.51	0.080
1010773	Soil		1.9	27.4	9.7	74	<0.1	24.3	14.8	515	3.30	8.7	0.9	2.7	5.1	25	0.1	0.3	0.1	69	0.37	0.060
1062611	Soil		1.0	6.3	6.8	33	<0.1	5.2	4.8	182	2.19	7.3	0.7	0.7	9.9	12	<0.1	0.3	<0.1	36	0.15	0.030
1010754	Soil		0.7	28.8	6.5	67	0.1	16.9	13.7	635	3.00	6.6	1.7	4.0	4.0	50	0.2	0.3	<0.1	68	0.97	0.066
1010763	Soil		0.7	28.5	4.4	88	<0.1	19.5	26.7	904	5.12	7.8	0.5	<0.5	3.5	38	<0.1	0.3	<0.1	113	0.54	0.075
1010756	Soil		1.0	51.3	6.8	72	<0.1	32.1	16.8	729	3.41	8.7	0.9	1.1	4.3	33	0.1	0.3	<0.1	77	0.55	0.054
1062609	Soil		0.9	13.6	8.7	69	<0.1	14.8	8.0	446	2.89	8.4	1.2	1.8	9.4	20	0.1	0.3	0.1	57	0.23	0.040
1010755	Soil		1.2	42.6	8.4	59	0.2	24.1	13.4	486	3.21	9.0	1.4	1.4	3.5	33	0.2	0.3	0.1	75	0.53	0.047
1010757	Soil		1.7	50.8	16.0	118	<0.1	27.7	22.6	988	4.98	7.7	1.1	0.8	5.2	32	0.1	0.2	<0.1	117	0.52	0.066
1062612	Soil		4.2	27.6	9.4	66	<0.1	3.3	12.4	548	3.89	5.1	1.3	<0.5	16.1	13	<0.1	0.2	<0.1	40	0.14	0.032
1010782	Soil		0.9	105.7	6.5	72	0.3	29.4	15.7	840	3.29	8.3	2.7	3.8	5.4	46	0.4	0.4	<0.1	73	0.82	0.058
1010758	Soil		0.6	49.6	6.2	83	0.1	26.1	21.5	922	4.27	7.1	1.3	1.7	4.5	47	0.3	0.3	<0.1	97	1.01	0.072

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Project: PED
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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010716	Soil	7	32	0.57	354	0.056	1	1.75	0.009	0.06	<0.1	0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1010705	Soil	2	572	3.14	658	0.172	<1	2.43	0.022	0.97	<0.1	0.01	3.9	0.2	<0.05	4	<0.5	<0.2
1010728	Soil	11	26	1.15	315	0.190	1	1.87	0.010	0.77	0.1	0.01	2.3	0.2	<0.05	6	<0.5	<0.2
1010730	Soil	22	32	1.13	356	0.144	2	1.95	0.015	0.55	0.2	0.03	3.8	0.1	<0.05	6	<0.5	<0.2
1010759	Soil	11	47	1.80	187	0.241	1	2.57	0.012	0.43	0.1	0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1010775	Soil	12	48	1.45	198	0.133	1	1.97	0.012	0.31	0.2	0.05	4.4	0.1	<0.05	7	<0.5	<0.2
1010760	Soil	11	38	1.43	182	0.156	<1	2.18	0.012	0.21	0.2	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1010776	Soil	8	36	1.38	164	0.136	2	1.97	0.012	0.35	0.2	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1010781	Soil	15	43	0.89	292	0.070	2	1.83	0.014	0.11	0.2	0.04	5.2	<0.1	<0.05	5	<0.5	<0.2
1010778	Soil	11	42	2.44	330	0.078	2	2.97	0.007	0.32	0.2	0.01	7.0	<0.1	<0.05	8	<0.5	<0.2
1010777	Soil	10	50	1.81	249	0.175	1	2.37	0.015	0.50	0.1	<0.01	5.1	0.2	<0.05	7	<0.5	<0.2
1010780	Soil	9	57	2.74	126	0.199	<1	2.94	0.012	0.13	0.2	<0.01	5.3	<0.1	<0.05	8	<0.5	<0.2
1010762	Soil	13	40	1.49	165	0.153	<1	2.40	0.011	0.14	0.2	<0.01	5.2	<0.1	<0.05	8	<0.5	<0.2
1010753	Soil	14	49	1.15	141	0.135	1	1.79	0.020	0.14	0.2	0.01	4.4	<0.1	<0.05	6	<0.5	<0.2
1010779	Soil	11	39	2.48	326	0.077	2	2.99	0.006	0.32	0.3	<0.01	7.4	<0.1	<0.05	8	<0.5	<0.2
1010774	Soil	26	38	0.79	304	0.118	1	1.68	0.018	0.26	0.1	0.02	4.3	0.1	<0.05	6	<0.5	<0.2
1010761	Soil	11	41	1.95	196	0.272	1	2.70	0.013	0.56	0.2	<0.01	3.5	0.2	<0.05	8	<0.5	<0.2
1010796	Soil	29	36	1.20	278	0.209	<1	2.28	0.018	0.46	0.1	0.02	4.0	0.2	<0.05	8	<0.5	<0.2
1010770	Soil	16	27	1.50	314	0.269	<1	2.46	0.014	0.73	0.2	<0.01	3.1	0.3	<0.05	9	<0.5	<0.2
1010773	Soil	12	43	0.94	169	0.126	<1	1.75	0.013	0.22	0.2	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1062611	Soil	26	13	0.20	134	0.008	<1	1.31	0.006	0.05	<0.1	<0.01	1.8	<0.1	<0.05	4	<0.5	<0.2
1010754	Soil	25	33	1.10	160	0.112	2	1.72	0.015	0.10	0.2	0.02	6.1	<0.1	<0.05	6	<0.5	<0.2
1010763	Soil	8	33	2.27	296	0.312	<1	2.87	0.011	0.66	0.1	<0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1010756	Soil	14	59	1.22	178	0.158	<1	2.00	0.013	0.15	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1062609	Soil	24	25	0.60	227	0.094	<1	2.17	0.009	0.20	0.1	0.01	2.5	0.2	<0.05	6	<0.5	<0.2
1010755	Soil	22	43	0.89	228	0.133	<1	2.03	0.015	0.13	0.2	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1010757	Soil	14	50	2.22	309	0.259	<1	2.94	0.017	0.57	0.1	<0.01	5.3	0.2	<0.05	10	<0.5	<0.2
1062612	Soil	24	9	0.47	165	0.027	<1	2.19	0.005	0.33	0.2	<0.01	2.8	0.3	<0.05	4	<0.5	<0.2
1010782	Soil	37	37	0.98	370	0.149	1	1.86	0.018	0.49	0.1	0.05	5.6	0.2	<0.05	6	0.5	<0.2
1010758	Soil	20	50	1.75	232	0.240	2	2.54	0.015	0.49	0.2	0.02	4.7	0.2	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010766	Soil	0.9	38.2	7.9	94	<0.1	16.3	18.0	655	4.09	8.2	0.8	4.3	4.4	26	0.2	0.3	<0.1	85	0.50	0.070
1062608	Soil	0.4	9.4	10.1	96	<0.1	6.5	10.0	661	3.48	5.9	1.9	7.1	27.8	23	<0.1	0.2	0.1	36	0.25	0.038
1010764	Soil	1.7	39.9	4.0	52	<0.1	16.5	13.3	653	2.68	4.8	6.4	0.7	1.7	62	0.2	0.3	<0.1	60	2.12	0.052
1010751	Soil	1.0	20.8	5.7	53	<0.1	16.1	14.2	693	2.22	7.9	0.9	1.2	2.3	39	0.2	0.4	0.1	51	0.68	0.072
1010765	Soil	1.0	43.7	6.0	78	<0.1	23.2	19.9	789	4.34	7.1	0.9	1.2	5.3	30	0.2	0.2	<0.1	91	0.48	0.061
1010752	Soil	0.9	23.3	7.4	59	0.1	14.8	13.1	419	2.60	6.6	1.0	1.4	3.4	30	0.2	0.3	<0.1	60	0.56	0.056
1010702	Soil	0.3	79.7	11.2	33	<0.1	67.4	27.7	401	2.54	6.6	0.1	<0.5	0.6	17	0.1	0.2	<0.1	91	0.51	0.018
1010706	Soil	0.7	33.0	7.3	69	0.1	18.9	16.3	540	3.24	7.6	0.4	1.2	3.4	23	0.1	0.3	<0.1	81	0.34	0.060
1010727	Soil	0.7	21.1	6.7	64	<0.1	21.8	16.5	547	3.35	7.7	0.6	15.2	4.8	26	<0.1	0.4	0.1	74	0.43	0.069
1010726	Soil	0.6	16.6	5.5	55	<0.1	16.4	13.2	362	2.69	4.9	0.4	1.3	3.9	28	<0.1	0.3	0.1	64	0.35	0.050
1013678	Soil	0.2	27.6	1.6	44	<0.1	8.3	15.4	536	3.15	1.3	0.2	<0.5	1.9	16	<0.1	0.2	<0.1	73	0.37	0.074
1028641	Soil	0.2	32.0	0.8	66	<0.1	8.4	17.5	618	3.29	0.5	0.2	1.5	6.0	16	<0.1	<0.1	<0.1	79	0.42	0.114
1028639	Soil	0.4	10.1	4.6	71	<0.1	9.8	18.7	854	3.67	4.0	1.4	1.3	14.4	31	<0.1	0.2	<0.1	52	0.47	0.058
1010500	Soil	0.4	8.2	1.9	69	<0.1	10.5	20.2	840	3.91	3.7	0.3	0.7	9.7	23	<0.1	0.1	<0.1	87	0.41	0.096
1028642	Soil	0.1	24.9	5.1	80	<0.1	9.4	20.1	682	4.02	3.3	0.7	<0.5	6.2	56	<0.1	0.1	<0.1	80	0.53	0.102
1010499	Soil	0.2	27.1	1.6	80	<0.1	7.4	16.7	944	3.61	<0.5	0.2	3.0	8.3	17	<0.1	<0.1	<0.1	76	0.39	0.085
1010347	Soil	0.8	39.2	10.8	108	0.3	12.7	24.1	2100	4.95	<0.5	0.9	4.5	6.7	39	0.2	0.3	0.2	62	3.89	0.081
1010495	Soil	0.5	22.2	4.7	62	<0.1	29.3	16.4	525	3.52	4.3	0.4	2.3	4.5	20	<0.1	0.3	<0.1	83	0.34	0.024
1010348	Soil	0.4	12.1	6.6	84	<0.1	13.8	31.9	2326	5.16	1.7	1.0	2.5	8.8	57	0.1	0.3	<0.1	59	6.23	0.046
1028640	Soil	0.2	23.8	1.9	72	<0.1	9.7	20.9	674	3.84	<0.5	0.3	1.1	9.8	22	<0.1	<0.1	<0.1	72	0.42	0.073
1013676	Soil	0.5	22.4	24.3	138	<0.1	7.4	8.9	479	3.15	2.1	1.0	<0.5	9.6	9	0.2	0.2	<0.1	43	0.16	0.032
1028643	Soil	0.6	20.5	6.8	49	<0.1	23.0	11.9	395	2.78	5.3	0.4	1.8	3.6	19	<0.1	0.3	<0.1	63	0.28	0.045
1013991	Soil	0.2	23.1	7.6	231	<0.1	12.1	16.0	872	4.18	<0.5	1.4	<0.5	4.9	43	0.6	0.2	<0.1	48	0.85	0.085
1013677	Soil	1.0	17.9	10.2	124	<0.1	18.0	10.4	506	3.34	5.8	0.6	<0.5	5.8	15	<0.1	0.3	0.1	56	0.23	0.025
1013483	Soil	0.4	39.4	5.8	60	<0.1	50.6	23.3	770	3.94	2.1	0.3	<0.5	1.2	35	<0.1	0.6	<0.1	83	1.71	0.041
1013477	Soil	0.3	74.1	4.2	42	<0.1	37.3	17.5	338	3.07	1.9	0.4	<0.5	1.7	74	<0.1	0.1	<0.1	90	0.61	0.043
1010345	Soil	0.3	10.6	5.5	138	<0.1	1.7	7.6	518	3.35	1.8	2.4	0.9	8.0	9	0.1	0.2	<0.1	35	0.25	0.087
1010344	Soil	0.3	4.3	5.6	87	<0.1	2.2	5.7	374	2.60	0.7	3.4	2.0	25.2	10	<0.1	0.2	<0.1	19	0.16	0.036
1013476	Soil	0.5	37.1	6.2	57	<0.1	19.1	12.6	524	3.23	3.1	0.5	1.6	2.4	31	<0.1	0.3	0.2	69	1.10	0.067
1013482	Soil	0.2	4.5	3.0	25	<0.1	39.3	12.7	195	1.52	1.4	<0.1	<0.5	0.6	45	<0.1	<0.1	<0.1	33	0.38	0.024

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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000523.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010766	Soil	12	27	1.14	201	0.185	<1	1.92	0.018	0.34	0.2	0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1062608	Soil	71	12	0.62	183	0.058	<1	1.97	0.009	0.34	<0.1	<0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1010764	Soil	8	31	1.08	347	0.079	3	1.42	0.013	0.18	0.1	0.02	3.1	<0.1	0.12	5	0.8	<0.2
1010751	Soil	12	28	0.60	189	0.075	2	1.21	0.020	0.08	0.2	0.03	3.1	<0.1	0.07	4	<0.5	<0.2
1010765	Soil	17	47	1.55	195	0.122	2	2.27	0.013	0.19	0.1	0.02	7.0	<0.1	<0.05	8	<0.5	<0.2
1010752	Soil	15	29	0.76	212	0.113	1	1.66	0.016	0.12	0.2	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1010702	Soil	2	219	2.17	343	0.195	<1	2.25	0.040	0.38	<0.1	<0.01	4.7	0.1	<0.05	4	<0.5	<0.2
1010706	Soil	8	26	0.97	343	0.145	<1	2.09	0.017	0.22	0.1	<0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1010727	Soil	14	34	1.04	340	0.132	3	1.95	0.012	0.59	0.1	0.02	4.3	0.1	<0.05	5	<0.5	<0.2
1010726	Soil	10	29	0.84	356	0.135	3	1.65	0.011	0.44	0.1	<0.01	2.6	0.1	<0.05	5	0.9	<0.2
1013678	Soil	3	19	1.51	139	0.156	<1	1.93	0.010	0.70	<0.1	<0.01	2.7	0.2	<0.05	5	0.5	<0.2
1028641	Soil	11	22	1.65	596	0.230	<1	2.17	0.019	1.46	<0.1	<0.01	2.0	0.2	<0.05	5	<0.5	<0.2
1028639	Soil	27	19	0.94	187	0.067	<1	1.82	0.010	0.14	<0.1	0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1010500	Soil	13	22	1.67	386	0.227	<1	2.31	0.009	0.82	<0.1	<0.01	1.8	0.2	<0.05	6	<0.5	<0.2
1028642	Soil	15	21	1.75	772	0.233	<1	2.41	0.012	1.19	<0.1	<0.01	2.4	0.2	<0.05	6	<0.5	<0.2
1010499	Soil	13	19	1.48	429	0.155	<1	1.88	0.011	1.23	<0.1	<0.01	1.9	0.2	<0.05	6	<0.5	<0.2
1010347	Soil	13	16	1.26	879	0.018	2	1.85	0.007	0.13	<0.1	0.03	6.4	<0.1	<0.05	6	<0.5	<0.2
1010495	Soil	10	70	1.44	269	0.142	<1	2.13	0.010	0.26	<0.1	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1010348	Soil	17	10	0.24	558	0.003	1	0.46	0.005	0.05	0.2	<0.01	12.7	<0.1	<0.05	1	<0.5	<0.2
1028640	Soil	20	20	1.37	443	0.133	<1	1.87	0.009	0.83	<0.1	<0.01	1.5	0.1	<0.05	6	<0.5	<0.2
1013676	Soil	10	11	0.62	159	0.089	<1	1.56	0.007	0.46	0.1	<0.01	2.1	0.2	<0.05	7	<0.5	<0.2
1028643	Soil	10	39	0.97	216	0.088	<1	1.67	0.009	0.13	0.2	<0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1013991	Soil	13	20	1.19	47	0.059	<1	1.96	0.012	0.04	<0.1	0.02	3.4	<0.1	<0.05	9	<0.5	<0.2
1013677	Soil	5	28	0.89	152	0.151	<1	2.13	0.008	0.59	0.2	<0.01	2.2	0.4	<0.05	7	<0.5	<0.2
1013483	Soil	6	23	1.91	411	0.017	<1	2.81	0.014	0.18	0.2	<0.01	8.1	<0.1	<0.05	8	<0.5	<0.2
1013477	Soil	7	21	1.13	179	0.038	<1	2.11	0.021	0.08	0.2	<0.01	6.2	<0.1	<0.05	6	<0.5	<0.2
1010345	Soil	19	5	0.51	152	0.042	<1	1.35	0.007	0.49	<0.1	<0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1010344	Soil	43	6	0.34	100	0.036	<1	1.15	0.007	0.34	0.2	<0.01	2.5	0.1	<0.05	5	<0.5	<0.2
1013476	Soil	12	22	0.85	411	0.020	<1	1.82	0.012	0.10	0.3	0.02	5.8	<0.1	<0.05	6	<0.5	<0.2
1013482	Soil	<1	12	1.26	91	0.076	<1	1.79	0.021	0.05	0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013990	Soil	0.3	26.6	4.2	69	<0.1	3.9	8.5	586	3.38	1.1	0.9	1.8	10.7	11	<0.1	<0.1	<0.1	55	0.28	0.063
1013995	Soil	0.2	7.0	3.6	73	<0.1	4.4	9.9	848	3.80	<0.5	1.3	0.7	14.7	14	<0.1	<0.1	<0.1	46	0.34	0.079
1013475	Soil	0.5	60.8	4.9	60	<0.1	18.3	20.1	435	3.95	4.1	0.2	0.6	2.3	32	0.1	0.2	<0.1	96	0.61	0.050
1013480	Soil	0.2	45.2	2.7	64	<0.1	27.6	17.6	527	3.58	1.9	0.2	<0.5	1.4	43	<0.1	0.1	<0.1	86	0.59	0.090
1013675	Soil	0.4	24.6	7.4	98	<0.1	4.7	12.9	504	3.57	1.8	0.6	<0.5	8.2	22	0.1	0.1	<0.1	67	0.73	0.224
1013478	Soil	0.2	49.4	2.6	74	<0.1	24.1	17.6	601	3.94	0.7	0.3	0.6	1.0	27	<0.1	<0.1	<0.1	91	0.54	0.092
1013479	Soil	0.4	30.3	22.4	37	<0.1	19.1	11.1	467	2.08	1.7	3.5	<0.5	14.8	22	<0.1	<0.1	2.3	46	0.38	0.040
1013462	Soil	0.8	21.2	8.8	64	<0.1	12.9	12.8	660	3.16	1.4	0.7	<0.5	3.4	25	<0.1	0.1	<0.1	44	0.51	0.063
1013484	Soil	0.2	14.2	2.0	33	<0.1	59.1	17.1	385	2.32	1.7	0.2	1.5	0.9	113	<0.1	<0.1	<0.1	56	0.77	0.030
1013465	Soil	0.3	16.3	5.1	75	<0.1	11.6	12.1	666	3.46	1.8	0.3	1.7	2.9	46	<0.1	0.2	<0.1	53	0.67	0.055
1013471	Soil	0.4	78.9	5.5	41	<0.1	16.7	17.8	266	2.64	5.0	0.3	1.6	1.7	24	<0.1	0.2	<0.1	82	0.46	0.028
1013453	Soil	0.3	64.2	2.9	64	<0.1	21.8	19.1	530	3.74	3.4	0.5	<0.5	2.0	34	<0.1	0.2	<0.1	102	0.49	0.065
1013481	Soil	0.3	4.7	2.2	26	<0.1	38.8	13.2	205	1.59	1.9	<0.1	<0.5	0.7	59	<0.1	0.1	<0.1	36	0.41	0.024
1013456	Soil	0.4	80.8	7.1	62	<0.1	49.0	23.1	421	3.68	3.7	0.5	1.1	3.5	35	0.1	0.2	0.1	118	0.46	0.023
1013454	Soil	0.3	37.8	3.9	51	<0.1	29.5	14.5	322	2.64	2.7	0.2	1.8	0.9	48	<0.1	0.1	<0.1	72	0.62	0.040
1013458	Soil	0.5	32.7	8.3	79	<0.1	22.9	13.3	456	3.33	4.7	0.5	<0.5	3.4	28	<0.1	0.3	0.4	71	0.50	0.048
1013466	Soil	0.3	13.3	3.2	62	<0.1	7.7	10.1	450	3.20	1.8	0.3	<0.5	1.8	24	<0.1	0.1	<0.1	48	0.29	0.057
1013469	Soil	0.6	15.0	7.9	60	<0.1	9.9	6.0	284	2.50	3.4	0.6	6.8	2.6	29	<0.1	0.2	<0.1	35	0.36	0.026
1013455	Soil	0.6	36.0	6.7	50	<0.1	29.1	12.6	311	2.73	5.7	0.4	<0.5	2.3	31	<0.1	0.3	<0.1	71	0.51	0.043
1013473	Soil	0.4	54.8	4.2	54	<0.1	19.4	13.1	554	3.18	2.1	0.4	<0.5	2.2	17	<0.1	0.2	<0.1	51	0.43	0.042
1013452	Soil	0.6	33.2	6.5	135	<0.1	17.9	11.8	704	3.64	4.7	0.6	4.6	2.5	32	0.1	0.4	0.2	67	0.84	0.083
1013451	Soil	0.9	38.9	6.5	72	<0.1	32.5	15.1	399	3.55	8.1	0.6	3.6	3.5	22	0.1	0.4	0.2	100	0.48	0.029
1013467	Soil	0.3	19.3	3.4	76	<0.1	10.6	10.8	497	3.06	1.7	0.4	1.7	2.3	35	<0.1	0.1	<0.1	38	0.48	0.081
1013457	Soil	0.3	72.4	6.7	76	<0.1	32.5	18.8	658	3.58	3.1	0.4	2.6	2.9	28	0.1	0.2	0.1	70	1.74	0.058
1010838	Soil	0.9	14.6	6.8	63	<0.1	15.2	13.9	331	3.00	4.1	0.3	1.4	2.5	25	<0.1	0.3	0.1	62	0.29	0.026
1010824	Soil	1.2	15.5	6.9	55	<0.1	14.1	9.8	432	2.67	7.6	0.6	3.2	4.2	24	<0.1	0.3	0.1	60	0.28	0.038
1010840	Soil	1.1	26.3	3.8	63	<0.1	12.9	15.3	368	3.27	5.7	0.3	10.8	2.1	28	<0.1	0.3	<0.1	77	0.33	0.051
1010815	Soil	1.6	33.2	9.3	87	0.6	40.6	11.0	252	2.81	11.8	0.8	3.0	4.2	24	0.3	0.5	0.2	76	0.25	0.041
1010811	Soil	1.7	25.6	9.1	59	0.2	24.4	12.1	399	2.73	5.4	0.7	1.8	4.0	23	0.2	0.4	0.2	57	0.31	0.026
1010806	Soil	0.9	23.6	7.7	64	<0.1	17.2	13.3	435	3.34	8.5	0.8	2.3	5.6	23	<0.1	0.5	0.1	73	0.26	0.026

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013990	Soil	10	11	0.72	191	0.151	<1	1.58	0.011	0.79	<0.1	<0.01	1.9	0.2	<0.05	8	<0.5	<0.2
1013995	Soil	30	10	1.01	162	0.131	<1	1.90	0.009	0.55	<0.1	<0.01	3.8	0.2	<0.05	10	<0.5	<0.2
1013475	Soil	6	16	1.45	213	0.103	<1	2.63	0.015	0.27	0.3	<0.01	5.9	<0.1	<0.05	7	<0.5	<0.2
1013480	Soil	4	26	1.69	379	0.219	<1	2.75	0.017	0.79	0.2	<0.01	4.4	0.2	<0.05	8	<0.5	<0.2
1013675	Soil	16	9	1.03	211	0.172	<1	2.22	0.030	0.61	<0.1	<0.01	2.5	0.2	<0.05	7	<0.5	<0.2
1013478	Soil	14	18	1.67	324	0.068	<1	2.35	0.011	0.26	0.1	<0.01	6.1	<0.1	<0.05	8	<0.5	<0.2
1013479	Soil	6	27	0.92	286	0.044	<1	1.72	0.013	0.29	0.1	<0.01	3.5	0.1	<0.05	5	<0.5	<0.2
1013462	Soil	13	12	1.00	698	0.015	<1	2.00	0.008	0.25	0.5	<0.01	3.9	0.1	<0.05	7	<0.5	<0.2
1013484	Soil	2	47	2.09	172	0.071	<1	2.63	0.023	0.10	0.2	<0.01	6.7	<0.1	<0.05	6	<0.5	<0.2
1013465	Soil	8	21	1.08	303	0.182	<1	2.50	0.011	0.50	0.2	<0.01	2.5	0.1	<0.05	9	<0.5	<0.2
1013471	Soil	10	25	1.28	120	0.125	<1	1.83	0.022	0.09	0.1	<0.01	5.7	<0.1	<0.05	5	<0.5	<0.2
1013453	Soil	6	21	1.77	271	0.201	<1	2.51	0.014	0.44	0.5	<0.01	5.6	0.1	<0.05	7	<0.5	<0.2
1013481	Soil	<1	12	1.29	105	0.085	<1	1.85	0.021	0.06	0.1	<0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
1013456	Soil	7	60	2.12	252	0.119	<1	2.78	0.015	0.08	0.4	<0.01	6.2	<0.1	<0.05	7	<0.5	<0.2
1013454	Soil	3	33	1.36	168	0.154	<1	2.35	0.012	0.23	0.3	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1013458	Soil	9	34	1.02	301	0.151	<1	2.22	0.012	0.46	0.2	<0.01	4.0	0.1	<0.05	7	<0.5	<0.2
1013466	Soil	8	8	0.90	240	0.212	<1	1.97	0.008	0.47	0.1	<0.01	2.2	0.1	<0.05	7	<0.5	<0.2
1013469	Soil	9	18	0.48	389	0.084	<1	1.69	0.009	0.30	<0.1	<0.01	2.6	0.1	<0.05	6	<0.5	<0.2
1013455	Soil	7	43	1.01	162	0.102	<1	1.87	0.015	0.10	0.3	0.01	4.7	<0.1	<0.05	6	<0.5	<0.2
1013473	Soil	6	16	0.99	515	0.006	<1	1.99	0.009	0.07	<0.1	0.01	5.6	<0.1	<0.05	6	<0.5	<0.2
1013452	Soil	10	31	1.00	317	0.093	1	1.80	0.016	0.31	0.2	0.02	5.6	0.1	<0.05	7	<0.5	<0.2
1013451	Soil	15	47	1.09	199	0.103	1	1.99	0.019	0.09	0.2	0.02	8.1	<0.1	<0.05	7	0.6	<0.2
1013467	Soil	7	8	0.99	252	0.148	<1	1.83	0.008	0.43	0.2	<0.01	2.0	0.1	<0.05	6	<0.5	<0.2
1013457	Soil	11	23	1.39	534	0.077	<1	2.12	0.009	0.31	0.7	0.03	5.0	0.1	<0.05	7	0.6	<0.2
1010838	Soil	5	26	1.03	214	0.136	<1	1.80	0.008	0.14	0.1	<0.01	1.5	<0.1	<0.05	5	<0.5	<0.2
1010824	Soil	11	28	0.67	223	0.094	<1	1.45	0.008	0.13	0.2	0.02	2.6	<0.1	<0.05	5	0.6	<0.2
1010840	Soil	4	24	1.41	385	0.205	<1	2.01	0.013	0.66	0.1	0.01	1.6	0.2	<0.05	5	0.5	<0.2
1010815	Soil	12	55	0.65	368	0.076	<1	1.53	0.008	0.25	0.2	<0.01	3.8	0.1	<0.05	5	<0.5	<0.2
1010811	Soil	10	33	0.65	293	0.084	1	1.43	0.010	0.36	0.1	0.01	3.5	0.1	<0.05	5	0.9	<0.2
1010806	Soil	15	31	1.07	273	0.173	3	1.98	0.035	0.45	0.2	0.02	5.4	0.2	<0.05	5	<0.5	<0.2

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Suite 680-789 West Pender St
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Project: PED
Report Date: July 30, 2011

CERTIFICATE OF ANALYSIS WHI11000523.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010813	Soil	2.0	30.5	10.9	73	0.2	34.2	11.6	413	2.65	9.5	0.6	<0.5	3.8	18	0.2	0.6	0.1	65	0.29	0.031
1010823	Soil	0.7	14.7	6.1	44	0.1	10.7	7.4	573	1.75	3.0	0.5	1.1	2.0	25	<0.1	0.2	0.1	45	0.31	0.027
1010817	Soil	0.6	26.1	6.8	60	<0.1	16.1	14.5	432	3.21	5.4	0.9	3.3	5.3	29	<0.1	0.3	0.1	68	0.42	0.052
1010814	Soil	1.6	39.4	9.1	87	0.3	38.4	13.4	480	2.88	11.0	0.8	3.9	4.0	30	0.4	0.5	0.6	76	0.42	0.046
1010835	Soil	1.4	32.2	9.0	62	0.1	27.3	14.3	574	3.19	45.8	0.6	1.2	3.9	21	0.1	0.8	0.2	66	0.35	0.031
1010805	Soil	0.6	39.3	4.4	74	<0.1	10.8	18.6	545	4.26	4.6	1.8	1.0	7.1	23	<0.1	0.3	<0.1	93	0.39	0.065
1010836	Soil	0.5	46.0	5.5	75	<0.1	32.9	20.9	531	3.55	5.0	0.4	0.8	2.5	34	0.2	0.3	<0.1	84	0.59	0.077
1010819	Soil	0.9	14.8	5.9	50	<0.1	19.7	10.7	660	2.37	4.8	0.5	3.0	2.8	32	0.1	0.2	<0.1	55	0.48	0.057
1010812	Soil	1.5	29.6	8.1	61	0.1	32.3	12.0	331	2.66	7.4	0.8	2.9	4.0	21	0.2	0.5	0.1	69	0.32	0.033
1010825	Soil	0.8	19.4	6.4	57	<0.1	14.8	12.5	408	3.02	7.6	0.6	0.7	4.9	27	<0.1	0.3	0.2	66	0.33	0.038
1013472	Soil	0.2	65.8	2.5	52	<0.1	31.6	15.8	429	3.09	2.4	0.5	1.8	1.7	68	<0.1	0.1	<0.1	76	0.70	0.066
1013470	Soil	0.3	72.9	3.9	42	<0.1	37.5	18.3	285	2.57	2.5	0.2	0.9	2.3	64	<0.1	0.1	<0.1	74	0.69	0.065
1013459	Soil	0.7	50.7	7.2	61	<0.1	31.4	13.2	328	2.55	3.6	0.2	0.9	1.2	61	<0.1	0.2	<0.1	58	0.83	0.118
1013468	Soil	0.6	20.2	9.2	62	<0.1	18.3	10.3	385	2.87	6.3	0.5	2.0	3.5	32	<0.1	0.3	<0.1	51	0.45	0.044
1013460	Soil	0.7	89.6	7.0	71	<0.1	18.8	13.6	582	3.49	4.2	0.4	3.7	2.1	75	<0.1	0.2	0.2	70	0.80	0.065
1013474	Soil	1.2	12.0	12.4	44	<0.1	15.6	9.2	300	2.27	3.1	0.2	1.4	1.4	37	<0.1	0.2	<0.1	51	0.52	0.024
1013461	Soil	0.6	28.8	5.6	62	0.2	10.6	10.5	595	2.66	1.8	0.3	3.1	1.5	33	<0.1	0.2	<0.1	35	2.12	0.085
1010826	Soil	0.8	19.4	5.9	60	<0.1	17.1	13.4	382	3.01	5.4	0.5	1.3	4.2	26	<0.1	0.2	0.2	63	0.37	0.046
1013463	Soil	1.1	31.4	10.7	54	0.2	25.5	12.7	549	2.84	8.0	0.9	1.3	3.5	38	0.1	0.6	0.2	63	0.53	0.029
1010821	Soil	0.8	31.9	7.3	55	<0.1	17.0	15.0	445	3.15	5.8	1.0	4.7	6.7	27	<0.1	0.3	0.1	70	0.42	0.053
1010833	Soil	1.5	55.5	8.3	97	0.5	55.6	11.9	288	3.08	12.9	1.7	3.9	6.1	19	0.2	0.6	0.2	92	0.38	0.080
1010827	Soil	1.1	20.2	7.6	65	0.1	12.6	15.7	497	3.17	5.0	0.5	1.3	4.5	25	<0.1	0.2	<0.1	73	0.33	0.042
1013464	Soil	0.6	24.0	5.9	84	<0.1	15.3	9.4	545	2.55	3.9	1.1	3.0	2.4	31	0.2	0.3	<0.1	51	0.84	0.060
1010822	Soil	0.7	22.8	6.0	138	<0.1	21.4	12.5	604	2.85	5.1	0.5	2.6	4.1	33	0.3	0.3	0.2	62	0.48	0.125
1010828	Soil	1.2	29.3	5.1	71	0.2	13.2	19.8	533	3.69	3.5	0.3	2.6	2.7	23	<0.1	0.2	<0.1	81	0.36	0.070
1010818	Soil	1.0	13.2	7.1	49	<0.1	14.6	9.8	353	2.73	6.5	0.6	1.5	3.2	25	<0.1	0.3	0.1	63	0.37	0.049
1013996	Soil	0.3	48.5	2.8	91	<0.1	13.5	24.0	988	4.58	1.1	0.5	0.8	3.1	26	<0.1	<0.1	<0.1	104	0.42	0.099
1010498	Soil	<0.1	22.7	2.4	83	<0.1	12.9	22.1	853	4.21	0.6	0.3	0.8	4.4	30	<0.1	<0.1	<0.1	80	0.64	0.088
1028638	Soil	0.2	20.3	2.1	89	<0.1	11.9	22.9	861	4.73	1.4	0.7	2.1	8.2	32	<0.1	0.2	<0.1	55	0.59	0.096
1010350	Soil	0.9	22.5	7.2	51	<0.1	16.2	12.2	673	3.32	8.1	0.5	1.1	4.6	28	<0.1	0.7	0.1	60	0.32	0.031

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010813	Soil	10	44	0.60	254	0.068	<1	1.37	0.008	0.21	0.1	<0.01	3.7	<0.1	<0.05	5	0.6	<0.2
1010823	Soil	8	21	0.52	250	0.103	<1	0.99	0.011	0.15	0.1	0.02	1.9	<0.1	<0.05	5	<0.5	<0.2
1010817	Soil	16	29	1.13	273	0.144	1	1.85	0.011	0.24	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1010814	Soil	17	53	0.64	382	0.070	1	1.60	0.009	0.37	0.1	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1010835	Soil	11	43	0.69	300	0.046	1	1.62	0.012	0.16	0.2	0.01	5.7	<0.1	<0.05	5	0.6	<0.2
1010805	Soil	6	23	1.71	298	0.233	<1	2.61	0.008	0.89	<0.1	<0.01	2.1	0.3	<0.05	7	0.5	<0.2
1010836	Soil	6	63	1.60	421	0.200	1	2.26	0.015	0.65	<0.1	<0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1010819	Soil	9	43	0.76	249	0.090	1	1.34	0.011	0.16	0.1	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
1010812	Soil	11	46	0.64	242	0.083	1	1.49	0.009	0.31	0.2	0.02	3.8	0.1	<0.05	5	0.8	<0.2
1010825	Soil	13	29	0.92	239	0.114	1	1.67	0.010	0.13	0.2	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1013472	Soil	9	31	1.25	260	0.078	<1	2.13	0.018	0.14	<0.1	0.03	5.6	<0.1	<0.05	6	0.6	<0.2
1013470	Soil	3	26	1.42	189	0.168	<1	2.18	0.024	0.07	0.1	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1013459	Soil	2	26	1.23	290	0.158	<1	2.30	0.013	0.36	0.4	0.02	2.7	0.1	<0.05	7	<0.5	<0.2
1013468	Soil	9	26	0.76	192	0.089	<1	1.66	0.013	0.15	0.1	0.02	4.4	<0.1	<0.05	5	0.9	<0.2
1013460	Soil	7	22	1.27	384	0.202	<1	2.48	0.013	0.43	1.4	0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1013474	Soil	5	25	0.60	273	0.072	1	1.58	0.012	0.22	0.2	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1013461	Soil	7	8	0.94	570	0.065	<1	1.60	0.010	0.40	0.7	0.03	1.8	0.2	<0.05	5	0.6	<0.2
1010826	Soil	10	31	1.08	175	0.116	<1	1.64	0.010	0.18	0.2	0.01	2.2	<0.1	<0.05	5	0.8	<0.2
1013463	Soil	11	34	0.61	321	0.079	<1	1.59	0.025	0.07	0.2	0.02	4.6	<0.1	<0.05	5	<0.5	<0.2
1010821	Soil	14	32	1.11	292	0.151	<1	1.86	0.013	0.30	0.2	0.03	3.2	0.1	<0.05	5	<0.5	<0.2
1010833	Soil	22	68	0.84	339	0.116	<1	1.65	0.007	0.41	0.1	0.03	4.6	0.3	<0.05	6	1.1	<0.2
1010827	Soil	10	26	1.18	279	0.194	<1	1.83	0.011	0.51	0.1	0.01	1.8	0.2	<0.05	6	0.7	<0.2
1013464	Soil	12	26	0.72	230	0.060	<1	1.42	0.015	0.13	0.1	0.05	4.1	<0.1	0.06	5	1.0	<0.2
1010822	Soil	9	37	0.96	333	0.115	2	1.65	0.012	0.30	0.2	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1010828	Soil	5	28	1.64	376	0.211	<1	2.28	0.012	0.70	0.1	0.02	1.9	0.2	<0.05	6	0.8	<0.2
1010818	Soil	9	25	0.81	170	0.067	1	1.45	0.013	0.11	0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1013996	Soil	13	23	1.89	366	0.328	<1	2.68	0.011	1.61	0.1	<0.01	1.6	0.4	<0.05	5	<0.5	<0.2
1010498	Soil	8	24	1.57	231	0.118	<1	2.34	0.014	0.42	<0.1	<0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1028638	Soil	19	21	1.56	216	0.039	<1	2.37	0.010	0.25	<0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1010350	Soil	11	30	0.91	269	0.032	<1	2.17	0.008	0.06	0.2	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013997	Soil	0.3	68.3	0.9	57	<0.1	3.6	32.9	396	4.59	2.1	0.4	0.7	0.6	147	<0.1	<0.1	<0.1	134	4.76	1.830
1013680	Soil	0.4	32.5	12.2	89	<0.1	6.9	5.1	307	1.95	3.4	1.6	0.7	14.7	14	0.1	0.3	0.1	28	0.17	0.026
1010346	Soil	1.1	13.8	15.8	52	<0.1	11.3	5.1	134	1.84	5.4	1.2	<0.5	9.0	9	0.1	0.6	0.3	24	0.09	0.016
1013993	Soil	0.3	8.2	8.5	66	<0.1	4.6	10.1	778	4.07	1.7	1.3	1.0	23.9	18	<0.1	0.3	<0.1	52	0.29	0.059
1010496	Soil	0.3	38.6	3.1	79	<0.1	13.2	20.7	662	4.29	2.7	0.4	1.3	5.1	26	<0.1	0.2	<0.1	77	0.41	0.059
1028644	Soil	0.2	40.4	3.3	78	<0.1	14.4	23.3	828	4.69	2.0	0.4	0.6	3.9	31	<0.1	0.1	<0.1	103	0.35	0.038
1013994	Soil	0.4	14.2	4.5	54	<0.1	4.7	8.9	716	3.41	1.5	1.3	1.4	14.0	9	<0.1	0.1	<0.1	36	0.19	0.058
1013992	Soil	0.1	25.2	8.4	270	<0.1	13.5	16.3	868	4.61	1.3	1.6	0.7	5.2	61	0.7	0.2	<0.1	55	1.01	0.100
1010497	Soil	0.1	26.0	2.8	89	<0.1	13.0	22.5	933	4.42	0.7	0.3	1.3	4.1	33	<0.1	0.1	<0.1	78	0.67	0.089
1010349	Soil	0.6	50.8	7.1	66	<0.1	20.9	18.6	812	4.39	5.2	1.3	5.6	8.1	30	<0.1	0.5	0.1	69	0.47	0.043
1013679	Soil	0.3	18.7	3.5	68	<0.1	8.8	16.0	553	3.75	2.5	0.2	1.8	1.2	24	<0.1	0.2	<0.1	89	0.48	0.043
1013674	Soil	0.3	93.4	0.6	37	<0.1	10.1	27.2	261	3.73	1.8	0.3	1.5	0.3	177	<0.1	<0.1	<0.1	109	4.81	1.937
1010834	Soil	2.5	34.1	12.6	99	0.3	42.0	15.7	946	3.49	34.8	0.9	3.7	4.7	26	0.5	1.4	0.2	70	0.53	0.066
1010816	Soil	1.9	28.7	8.8	72	0.5	30.9	13.2	433	2.86	8.5	0.9	1.5	3.0	26	0.4	0.5	0.1	72	0.36	0.048
1010837	Soil	0.8	23.6	6.6	63	<0.1	17.9	15.3	498	3.63	4.8	0.4	1.0	3.3	30	0.1	0.3	<0.1	81	0.61	0.047
1010839	Soil	0.6	20.3	6.7	69	<0.1	20.0	16.5	435	3.67	7.8	0.4	1.8	4.4	35	<0.1	0.4	<0.1	77	0.30	0.034
1010820	Soil	0.8	13.0	7.6	52	<0.1	16.8	10.8	352	2.85	5.7	0.4	1.5	2.7	28	<0.1	0.2	<0.1	64	0.40	0.053

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013997	Soil	2	4	1.31	157	0.046	<1	1.75	0.105	0.36	<0.1	<0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
1013680	Soil	25	13	0.41	109	0.037	<1	1.15	0.010	0.23	0.1	<0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1010346	Soil	12	14	0.21	136	0.019	<1	1.13	0.004	0.09	0.4	0.02	1.6	<0.1	<0.05	3	<0.5	<0.2
1013993	Soil	54	11	1.19	114	0.053	<1	1.96	0.008	0.14	0.1	<0.01	3.2	<0.1	<0.05	12	<0.5	<0.2
1010496	Soil	13	28	1.81	162	0.183	<1	2.69	0.015	0.29	<0.1	<0.01	2.3	<0.1	<0.05	8	<0.5	<0.2
1028644	Soil	10	29	2.11	444	0.295	<1	3.09	0.011	0.90	<0.1	<0.01	1.7	0.2	<0.05	7	<0.5	<0.2
1013994	Soil	18	9	0.87	126	0.055	<1	1.63	0.009	0.22	<0.1	<0.01	2.7	<0.1	<0.05	9	<0.5	<0.2
1013992	Soil	14	24	1.30	50	0.112	<1	2.36	0.014	0.04	<0.1	0.03	4.0	<0.1	<0.05	10	<0.5	<0.2
1010497	Soil	8	25	1.57	232	0.116	<1	2.33	0.015	0.37	<0.1	0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1010349	Soil	28	30	1.37	455	0.061	<1	2.62	0.011	0.11	0.2	0.02	7.8	<0.1	<0.05	7	<0.5	<0.2
1013679	Soil	2	14	1.50	151	0.155	<1	2.45	0.025	0.23	<0.1	<0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1013674	Soil	3	9	1.05	144	0.047	<1	1.36	0.127	0.32	<0.1	<0.01	5.0	<0.1	<0.05	5	<0.5	<0.2
1010834	Soil	17	44	0.45	484	0.018	1	1.90	0.008	0.17	0.1	0.02	5.7	<0.1	<0.05	5	1.1	<0.2
1010816	Soil	10	45	0.54	335	0.088	1	1.51	0.013	0.25	0.2	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1010837	Soil	9	35	1.14	249	0.109	1	2.40	0.012	0.38	0.2	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1010839	Soil	7	33	1.46	340	0.234	<1	2.38	0.012	0.98	<0.1	<0.01	2.1	0.2	<0.05	6	<0.5	<0.2
1010820	Soil	8	29	0.79	188	0.106	1	1.63	0.013	0.20	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000523.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1062603	Soil	0.8	15.1	10.5	45	<0.1	15.8	7.6	212	2.67	7.3	1.1	2.6	11.9	16	<0.1	0.4	0.2	58	0.13	0.017
REP 1062603	QC	0.8	14.4	9.8	43	<0.1	15.1	7.1	203	2.55	6.7	1.0	0.7	11.1	16	<0.1	0.4	0.2	55	0.12	0.015
1010714	Soil	1.1	97.8	8.5	84	<0.1	22.7	16.4	1023	4.48	7.4	0.8	0.7	12.4	24	0.1	0.5	0.2	119	0.40	0.051
REP 1010714	QC	1.1	97.7	8.0	85	<0.1	22.2	16.3	1023	4.50	7.1	0.7	0.8	12.3	24	<0.1	0.5	0.2	117	0.37	0.052
1010717	Soil	0.6	29.4	4.6	71	<0.1	15.4	19.0	524	4.10	4.7	0.5	1.3	4.9	19	<0.1	0.2	<0.1	86	0.23	0.025
REP 1010717	QC	0.5	30.4	4.8	72	<0.1	16.3	19.1	536	4.24	4.4	0.5	0.8	5.0	19	<0.1	0.3	<0.1	88	0.24	0.026
1010754	Soil	0.7	28.8	6.5	67	0.1	16.9	13.7	635	3.00	6.6	1.7	4.0	4.0	50	0.2	0.3	<0.1	68	0.97	0.066
REP 1010754	QC	0.7	29.2	6.2	66	0.1	16.7	13.5	610	2.90	6.1	1.6	4.5	3.8	49	0.2	0.3	<0.1	66	0.97	0.068
1028642	Soil	0.1	24.9	5.1	80	<0.1	9.4	20.1	682	4.02	3.3	0.7	<0.5	6.2	56	<0.1	0.1	<0.1	80	0.53	0.102
REP 1028642	QC	0.1	25.6	4.6	84	<0.1	9.5	19.8	685	4.06	3.9	0.8	0.9	6.3	57	<0.1	0.1	<0.1	83	0.57	0.096
1010347	Soil	0.8	39.2	10.8	108	0.3	12.7	24.1	2100	4.95	<0.5	0.9	4.5	6.7	39	0.2	0.3	0.2	62	3.89	0.081
REP 1010347	QC	0.9	41.3	11.2	112	0.3	12.9	24.9	2218	5.34	<0.5	1.0	0.9	6.8	39	0.1	0.2	0.1	66	3.91	0.082
1013484	Soil	0.2	14.2	2.0	33	<0.1	59.1	17.1	385	2.32	1.7	0.2	1.5	0.9	113	<0.1	<0.1	<0.1	56	0.77	0.030
REP 1013484	QC	0.2	14.6	2.6	36	<0.1	63.3	18.3	396	2.45	2.1	0.2	2.0	0.9	127	<0.1	<0.1	<0.1	59	0.85	0.030
1010813	Soil	2.0	30.5	10.9	73	0.2	34.2	11.6	413	2.65	9.5	0.6	<0.5	3.8	18	0.2	0.6	0.1	65	0.29	0.031
REP 1010813	QC	1.8	30.4	11.5	75	0.2	33.5	12.0	420	2.71	9.7	0.6	1.3	4.0	19	0.2	0.6	0.1	65	0.29	0.031
1010819	Soil	0.9	14.8	5.9	50	<0.1	19.7	10.7	660	2.37	4.8	0.5	3.0	2.8	32	0.1	0.2	<0.1	55	0.48	0.057
REP 1010819	QC	0.9	14.7	6.0	51	<0.1	19.9	10.6	678	2.39	4.7	0.5	2.1	2.9	32	<0.1	0.2	<0.1	57	0.49	0.057
1028638	Soil	0.2	20.3	2.1	89	<0.1	11.9	22.9	861	4.73	1.4	0.7	2.1	8.2	32	<0.1	0.2	<0.1	55	0.59	0.096
REP 1028638	QC	0.3	21.2	2.1	91	<0.1	12.5	23.5	910	4.91	1.6	0.8	1.5	8.4	31	<0.1	0.2	<0.1	58	0.61	0.100
1013674	Soil	0.3	93.4	0.6	37	<0.1	10.1	27.2	261	3.73	1.8	0.3	1.5	0.3	177	<0.1	<0.1	<0.1	109	4.81	1.937
REP 1013674	QC	0.3	95.0	0.7	34	<0.1	9.9	28.6	275	3.89	1.9	0.3	0.8	0.3	174	<0.1	<0.1	<0.1	114	5.07	1.917
Reference Materials																					
STD DS8	Standard	13.1	108.3	126.8	326	1.9	38.7	7.5	597	2.45	26.1	2.8	111.2	6.9	72	2.3	5.9	6.8	43	0.73	0.080
STD DS8	Standard	13.2	108.6	121.0	332	1.8	38.4	7.5	633	2.57	26.3	2.7	112.5	6.9	73	2.6	5.9	6.5	42	0.69	0.081
STD DS8	Standard	11.4	96.5	112.9	275	1.6	33.9	6.6	547	2.20	22.3	2.6	95.9	6.4	62	2.0	5.1	6.1	37	0.59	0.068
STD DS8	Standard	11.8	96.3	112.1	273	1.6	34.3	6.6	561	2.24	23.2	2.5	90.5	6.3	64	2.0	5.3	5.9	38	0.62	0.068
STD DS8	Standard	12.2	103.7	121.9	300	1.7	35.7	7.2	591	2.35	25.1	2.7	100.1	6.4	64	2.4	5.7	6.9	40	0.63	0.078

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Project: PED
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000523.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1062603	Soil	18	32	0.38	127	0.058	<1	2.11	0.007	0.05	<0.1	0.02	3.1	0.1	<0.05	7	<0.5	<0.2
REP 1062603	QC	18	31	0.36	126	0.056	<1	1.97	0.006	0.05	<0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2
1010714	Soil	15	45	1.85	248	0.123	2	2.90	0.009	0.17	0.1	0.02	8.1	<0.1	<0.05	10	<0.5	<0.2
REP 1010714	QC	16	45	1.82	251	0.114	1	2.80	0.008	0.16	0.2	0.01	7.4	<0.1	<0.05	10	0.5	<0.2
1010717	Soil	9	30	1.58	283	0.153	<1	2.59	0.009	0.66	<0.1	0.02	4.0	0.1	<0.05	7	<0.5	<0.2
REP 1010717	QC	9	31	1.62	292	0.156	1	2.73	0.010	0.68	<0.1	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1010754	Soil	25	33	1.10	160	0.112	2	1.72	0.015	0.10	0.2	0.02	6.1	<0.1	<0.05	6	<0.5	<0.2
REP 1010754	QC	24	32	1.03	154	0.109	2	1.70	0.014	0.10	0.2	0.02	6.0	<0.1	0.06	6	<0.5	<0.2
1028642	Soil	15	21	1.75	772	0.233	<1	2.41	0.012	1.19	<0.1	<0.01	2.4	0.2	<0.05	6	<0.5	<0.2
REP 1028642	QC	15	21	1.79	764	0.244	1	2.45	0.011	1.19	<0.1	<0.01	2.5	0.2	<0.05	7	<0.5	<0.2
1010347	Soil	13	16	1.26	879	0.018	2	1.85	0.007	0.13	<0.1	0.03	6.4	<0.1	<0.05	6	<0.5	<0.2
REP 1010347	QC	13	16	1.21	857	0.018	<1	1.77	0.007	0.12	<0.1	<0.01	7.0	<0.1	<0.05	7	<0.5	<0.2
1013484	Soil	2	47	2.09	172	0.071	<1	2.63	0.023	0.10	0.2	<0.01	6.7	<0.1	<0.05	6	<0.5	<0.2
REP 1013484	QC	2	50	2.34	181	0.081	<1	2.86	0.026	0.11	0.2	<0.01	7.3	<0.1	<0.05	6	<0.5	<0.2
1010813	Soil	10	44	0.60	254	0.068	<1	1.37	0.008	0.21	0.1	<0.01	3.7	<0.1	<0.05	5	0.6	<0.2
REP 1010813	QC	11	43	0.62	255	0.069	<1	1.37	0.008	0.22	0.1	0.01	3.6	<0.1	<0.05	5	0.7	<0.2
1010819	Soil	9	43	0.76	249	0.090	1	1.34	0.011	0.16	0.1	0.04	2.2	<0.1	<0.05	5	<0.5	<0.2
REP 1010819	QC	9	44	0.75	249	0.092	<1	1.32	0.011	0.16	0.1	0.05	2.4	<0.1	<0.05	5	0.7	<0.2
1028638	Soil	19	21	1.56	216	0.039	<1	2.37	0.010	0.25	<0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
REP 1028638	QC	19	22	1.65	221	0.040	<1	2.47	0.011	0.25	<0.1	<0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1013674	Soil	3	9	1.05	144	0.047	<1	1.36	0.127	0.32	<0.1	<0.01	5.0	<0.1	<0.05	5	<0.5	<0.2
REP 1013674	QC	3	9	0.98	139	0.045	<1	1.25	0.119	0.32	<0.1	<0.01	5.2	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	121	0.62	282	0.123	3	0.95	0.114	0.45	2.9	0.20	2.4	5.3	0.17	5	4.8	5.0
STD DS8	Standard	16	120	0.62	294	0.124	3	0.96	0.106	0.44	3.1	0.19	2.2	5.2	0.18	5	5.4	5.3
STD DS8	Standard	12	103	0.55	240	0.103	2	0.80	0.077	0.37	2.6	0.15	2.2	4.8	0.13	4	3.6	5.0
STD DS8	Standard	13	107	0.54	254	0.107	2	0.82	0.082	0.37	2.6	0.16	2.0	4.8	0.13	4	4.5	4.0
STD DS8	Standard	13	110	0.60	270	0.107	2	0.85	0.081	0.40	3.0	0.22	2.1	5.2	0.11	4	6.0	5.2

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Project: PED
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000523.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.7	105.0	124.1	309	1.9	37.2	7.3	589	2.39	26.2	2.7	108.6	6.7	66	2.4	5.8	6.9	40	0.67	0.079
STD DS8	Standard	13.1	106.5	127.9	295	1.8	36.0	7.3	585	2.37	25.2	2.8	116.1	6.9	65	2.2	5.9	6.6	41	0.66	0.075
STD DS8	Standard	13.9	109.9	134.1	305	1.8	37.1	7.5	597	2.40	25.3	2.9	127.2	7.1	65	2.1	5.5	7.0	41	0.66	0.073
STD DS8	Standard	13.4	117.2	119.4	309	1.6	39.6	7.7	606	2.44	30.1	2.7	88.6	6.6	64	2.3	5.7	6.5	42	0.69	0.081
STD DS8	Standard	13.8	116.5	120.4	305	1.6	39.1	8.0	608	2.44	29.1	2.7	104.1	6.6	64	2.1	5.5	6.4	44	0.67	0.079
STD DS8	Standard	11.9	105.2	119.6	297	1.7	36.1	7.1	579	2.37	23.1	2.4	102.0	6.0	52	2.1	4.7	5.5	41	0.65	0.072
STD DS8	Standard	12.1	103.1	112.6	292	1.6	34.5	7.2	574	2.34	23.3	2.5	95.2	5.9	53	1.8	4.9	5.2	41	0.64	0.069
STD DS8	Standard	12.3	103.5	115.5	291	1.6	35.7	7.2	573	2.31	24.9	2.6	102.0	6.2	57	1.9	5.0	6.1	40	0.65	0.074
STD DS8	Standard	12.7	102.7	119.6	299	1.6	36.8	7.3	592	2.34	25.2	2.7	138.4	6.6	59	2.4	5.0	6.3	42	0.67	0.075
STD DS8	Standard	13.5	111.1	116.9	309	1.7	37.8	7.6	612	2.46	26.1	2.7	106.0	7.1	65	2.4	5.0	6.1	44	0.67	0.075
STD DS8	Standard	13.7	107.2	114.7	302	1.7	36.6	7.8	616	2.43	26.3	2.7	117.0	7.0	66	2.3	5.4	6.1	42	0.71	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: July 30, 2011

QUALITY CONTROL REPORT WHI11000523.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	112	0.59	278	0.111	2	0.85	0.079	0.41	3.0	0.19	2.0	5.1	0.13	5	5.2	5.1
STD DS8	Standard	14	114	0.58	276	0.116	2	0.87	0.084	0.40	2.8	0.21	2.3	5.3	0.13	5	5.4	4.5
STD DS8	Standard	14	119	0.59	271	0.115	2	0.86	0.084	0.41	3.0	0.21	2.3	5.2	0.15	5	5.2	4.6
STD DS8	Standard	14	120	0.61	277	0.119	2	0.91	0.086	0.42	2.9	0.11	2.1	5.4	0.16	4	4.7	4.8
STD DS8	Standard	14	120	0.59	283	0.124	2	0.88	0.083	0.40	2.9	0.16	2.0	5.4	0.18	4	5.1	4.6
STD DS8	Standard	12	112	0.59	234	0.102	2	0.86	0.083	0.40	2.9	0.17	1.8	5.1	0.16	4	4.4	4.3
STD DS8	Standard	12	112	0.54	246	0.104	2	0.77	0.077	0.39	2.7	0.17	2.0	4.7	0.13	4	5.3	4.5
STD DS8	Standard	13	112	0.57	260	0.102	3	0.83	0.082	0.40	2.8	0.19	2.0	5.0	0.14	4	5.0	4.5
STD DS8	Standard	14	112	0.61	268	0.108	3	0.90	0.092	0.41	2.7	0.20	1.9	5.0	0.14	4	4.9	4.7
STD DS8	Standard	16	120	0.60	281	0.113	2	0.91	0.091	0.43	2.9	0.21	2.1	5.2	0.12	4	4.3	4.5
STD DS8	Standard	16	118	0.60	280	0.116	2	0.92	0.093	0.41	2.9	0.19	2.2	5.1	0.12	5	5.5	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Smithers
Received: July 15, 2011
Report Date: August 03, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI11000597.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-19
P.O. Number
Number of Samples: 300

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	300	Dry at 60C sieve 100g to -80 mesh			SMI
Dry at 60C	300	Dry at 60C			SMI
1DX2	300	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1018735	Soil	0.7	10.5	20.1	43	<0.1	12.9	7.8	615	1.74	6.2	2.4	0.9	32.2	14	<0.1	0.3	0.4	27	0.15	0.020
1062931	Soil	1.9	44.8	4.4	86	<0.1	11.8	18.1	574	5.83	3.6	0.8	2.3	2.0	48	<0.1	<0.1	<0.1	137	0.39	0.086
1018666	Soil	0.9	41.0	9.5	60	<0.1	11.8	14.2	942	4.50	1.6	2.0	4.1	6.9	17	0.1	0.3	0.2	30	0.40	0.067
1018646	Soil	0.8	113.8	6.0	92	<0.1	38.4	18.9	547	4.96	7.2	1.2	0.9	19.9	20	0.1	0.2	0.1	89	0.39	0.103
1018664	Soil	0.7	24.7	8.3	59	<0.1	18.5	12.0	476	3.23	8.4	0.9	4.4	4.9	30	0.1	0.4	0.2	67	0.40	0.035
1018640	Soil	0.3	63.3	9.5	126	<0.1	15.8	23.0	1038	5.66	5.2	1.4	1.8	9.0	27	0.1	0.1	<0.1	143	0.61	0.091
1018647	Soil	0.4	53.4	2.4	41	<0.1	80.3	23.6	410	2.71	4.3	0.1	1.2	1.1	15	<0.1	0.1	<0.1	76	0.36	0.048
1018668	Soil	2.1	26.2	10.3	91	0.1	8.1	20.1	1097	5.80	3.2	1.4	3.7	9.4	26	<0.1	0.2	4.3	107	1.24	0.081
1018642	Soil	1.3	17.8	9.1	63	<0.1	17.8	12.9	405	4.15	10.1	0.5	4.1	3.8	20	<0.1	0.4	0.2	97	0.25	0.039
1062940	Soil	0.5	37.3	6.9	82	<0.1	20.7	15.1	405	3.99	6.8	0.5	4.8	2.9	22	0.1	0.3	0.1	90	0.31	0.061
1062849	Soil	0.5	61.1	8.3	103	<0.1	17.0	21.5	606	5.28	6.5	0.4	20.2	1.7	57	0.1	0.2	<0.1	140	0.81	0.081
1062951	Soil	0.2	33.1	2.6	82	<0.1	5.1	13.9	629	4.70	2.3	0.4	2.9	2.3	14	<0.1	0.1	<0.1	91	0.35	0.116
1018637	Soil	1.5	25.9	8.9	58	<0.1	10.8	11.0	588	4.46	11.5	0.4	2.5	2.5	24	0.1	0.3	0.2	139	0.18	0.121
1018650	Soil	0.4	539.5	8.8	159	<0.1	6.9	18.0	269	6.19	3.0	0.6	<0.5	2.8	17	0.2	0.1	<0.1	92	0.68	0.198
1018670	Soil	0.5	38.3	5.5	80	<0.1	15.1	20.5	679	5.01	5.6	0.5	3.4	3.6	123	0.1	0.2	1.8	128	0.86	0.097
1018636	Soil	0.7	25.4	7.3	59	<0.1	19.2	14.6	430	3.55	6.5	0.6	1.7	3.5	33	<0.1	0.3	<0.1	88	0.38	0.037
1018645	Soil	1.0	23.6	8.6	85	<0.1	27.5	13.3	876	3.48	9.0	0.8	3.5	11.8	34	0.2	0.4	0.2	77	0.53	0.078
1018651	Soil	0.5	28.9	5.8	95	<0.1	18.1	13.6	564	4.19	5.9	0.9	2.1	6.0	24	<0.1	0.3	<0.1	76	0.44	0.050
1018652	Soil	1.2	18.5	9.4	67	0.1	19.8	11.7	264	3.21	9.9	0.6	2.5	3.5	16	0.2	0.5	0.2	75	0.19	0.049
1018653	Soil	0.8	32.2	7.7	56	<0.1	19.6	14.2	644	3.40	5.4	0.8	2.9	5.7	26	<0.1	0.3	0.1	73	0.37	0.028
1018654	Soil	1.1	21.4	8.5	66	<0.1	18.2	14.6	504	3.89	8.0	0.7	0.7	4.4	29	0.1	0.4	0.1	89	0.41	0.025
1018655	Soil	0.6	22.6	6.7	57	<0.1	17.4	11.0	354	2.89	5.1	0.8	4.5	4.4	29	<0.1	0.3	0.1	69	0.45	0.032
1018656	Soil	0.6	23.8	6.9	62	<0.1	20.6	12.8	337	3.13	6.0	0.7	0.9	4.5	30	0.1	0.4	0.1	73	0.43	0.028
1018657	Soil	0.6	21.2	7.1	59	<0.1	19.2	11.7	332	2.92	5.7	0.7	3.0	4.6	28	<0.1	0.4	0.1	69	0.38	0.031
1018658	Soil	0.7	22.0	7.3	60	<0.1	21.0	12.6	395	3.16	6.9	0.8	4.0	4.7	30	<0.1	0.4	0.1	76	0.39	0.036
1018659	Soil	0.6	22.0	6.7	56	<0.1	18.6	12.3	380	3.01	6.1	0.8	7.7	4.7	30	<0.1	0.4	0.1	72	0.40	0.040
1018723	Soil	0.4	38.3	18.8	60	<0.1	15.7	12.5	522	3.69	2.1	1.4	0.8	11.9	17	<0.1	0.2	0.3	38	0.25	0.051
1018725	Soil	0.7	32.2	7.5	54	<0.1	23.8	11.9	383	2.92	5.8	0.7	1.1	4.3	29	<0.1	0.3	0.1	71	0.44	0.037
1018649	Soil	0.5	238.7	9.1	248	<0.1	24.1	14.6	347	6.29	3.6	0.6	1.1	1.9	25	0.2	<0.1	<0.1	163	0.33	0.084
1018727	Soil	1.0	32.0	11.3	59	<0.1	23.6	11.0	310	3.31	6.9	1.2	3.3	4.9	32	0.2	0.4	0.2	86	0.40	0.024

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1018735	Soil	9	17	0.24	124	0.016	<1	1.37	0.007	0.09	<0.1	0.02	2.1	0.2	<0.05	3	0.6	<0.2
1062931	Soil	12	29	1.88	367	0.262	1	2.76	0.036	1.05	<0.1	<0.01	5.1	0.3	0.58	8	0.9	<0.2
1018666	Soil	8	10	0.14	248	0.002	1	0.68	0.004	0.17	0.2	<0.01	8.0	0.1	0.06	1	<0.5	<0.2
1018646	Soil	50	112	1.73	250	0.104	2	2.56	0.009	0.29	<0.1	0.01	5.0	0.1	<0.05	9	<0.5	<0.2
1018664	Soil	14	37	0.72	255	0.087	1	2.14	0.012	0.05	0.2	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1018640	Soil	21	37	2.43	454	0.361	2	3.42	0.013	1.13	<0.1	<0.01	6.1	0.3	<0.05	12	<0.5	<0.2
1018647	Soil	3	364	2.16	124	0.163	1	2.32	0.008	0.10	<0.1	0.01	3.3	<0.1	<0.05	5	<0.5	<0.2
1018668	Soil	26	14	1.82	95	0.004	1	2.64	0.006	0.09	2.9	<0.01	8.7	<0.1	<0.05	10	0.6	<0.2
1018642	Soil	10	44	0.86	216	0.153	2	2.22	0.010	0.14	0.1	0.02	3.5	0.1	<0.05	9	<0.5	<0.2
1062940	Soil	8	31	1.40	249	0.181	1	3.01	0.014	0.37	0.1	0.02	5.1	0.1	<0.05	8	0.7	<0.2
1062849	Soil	8	32	2.18	370	0.231	2	3.33	0.019	0.24	0.2	0.01	8.2	<0.1	<0.05	11	<0.5	<0.2
1062951	Soil	6	11	2.19	519	0.136	1	3.27	0.014	0.82	<0.1	<0.01	11.2	0.2	<0.05	11	<0.5	<0.2
1018637	Soil	7	31	0.90	100	0.208	2	1.99	0.009	0.20	0.2	0.02	2.6	0.1	<0.05	11	<0.5	<0.2
1018650	Soil	12	11	1.45	724	0.197	<1	2.77	0.021	1.00	<0.1	<0.01	9.6	0.7	<0.05	11	0.7	<0.2
1018670	Soil	13	27	1.48	285	0.189	<1	3.31	0.036	0.23	1.0	0.01	8.3	0.1	<0.05	10	<0.5	<0.2
1018636	Soil	12	35	1.08	210	0.183	2	2.34	0.013	0.21	<0.1	<0.01	4.2	0.1	<0.05	7	0.8	<0.2
1018645	Soil	17	47	0.87	254	0.108	3	2.29	0.012	0.22	0.1	0.02	4.2	<0.1	<0.05	7	0.6	<0.2
1018651	Soil	22	26	1.10	199	0.187	1	2.16	0.016	0.11	<0.1	<0.01	5.6	<0.1	<0.05	8	<0.5	<0.2
1018652	Soil	9	36	0.46	173	0.081	1	2.29	0.010	0.05	<0.1	0.01	3.2	0.1	<0.05	7	1.0	<0.2
1018653	Soil	15	38	0.85	267	0.106	<1	2.23	0.011	0.05	<0.1	0.03	4.1	<0.1	<0.05	8	<0.5	<0.2
1018654	Soil	13	40	1.03	249	0.092	1	2.90	0.011	0.05	0.1	0.03	4.9	<0.1	<0.05	8	<0.5	<0.2
1018655	Soil	16	37	0.87	198	0.125	<1	2.04	0.013	0.04	0.1	0.01	4.2	<0.1	<0.05	6	0.5	<0.2
1018656	Soil	13	39	0.86	221	0.122	1	2.14	0.014	0.04	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1018657	Soil	14	37	0.79	206	0.124	<1	2.10	0.015	0.04	0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
1018658	Soil	12	39	0.89	236	0.122	<1	2.39	0.014	0.04	0.1	0.02	4.6	<0.1	<0.05	7	<0.5	<0.2
1018659	Soil	12	36	0.86	216	0.120	<1	2.17	0.014	0.04	0.1	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1018723	Soil	26	29	1.05	157	0.009	<1	2.50	0.006	0.13	<0.1	0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1018725	Soil	16	52	0.87	246	0.093	<1	2.13	0.013	0.06	0.1	0.03	4.6	<0.1	<0.05	6	0.5	<0.2
1018649	Soil	12	109	2.33	854	0.284	<1	3.69	0.030	1.48	<0.1	<0.01	10.7	0.6	0.13	12	1.7	<0.2
1018727	Soil	19	41	0.74	257	0.082	<1	2.97	0.014	0.07	0.1	0.02	4.9	<0.1	<0.05	9	<0.5	<0.2

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Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1018648	Soil		0.6	64.7	5.5	58	0.2	35.2	23.9	1093	3.11	4.2	0.3	0.7	1.5	32	0.3	0.3	0.1	94	0.55	0.042
1018718	Soil		3.4	104.3	31.6	749	0.3	17.3	31.7	963	5.34	18.5	0.4	<0.5	2.0	12	0.7	0.4	0.2	93	0.14	0.058
1018726	Soil		0.7	19.2	6.5	48	<0.1	18.1	10.0	281	2.76	4.7	0.5	3.4	3.5	30	0.1	0.3	<0.1	70	0.39	0.030
1018713	Soil		1.0	9.5	9.8	164	<0.1	16.1	24.2	1315	6.07	6.1	0.6	0.8	10.3	19	0.1	0.2	0.1	156	0.33	0.088
1018715	Soil		0.4	30.0	9.2	96	<0.1	20.3	19.6	784	5.04	4.9	1.4	0.9	11.6	30	<0.1	0.2	0.1	127	0.47	0.031
1018638	Soil		0.6	35.2	6.6	71	<0.1	19.9	15.7	595	4.09	5.7	1.2	3.3	9.3	36	0.3	0.5	0.3	88	0.38	0.047
1018662	Soil		0.8	27.7	8.1	57	<0.1	21.8	12.4	371	3.26	7.6	1.2	3.6	5.5	32	0.4	0.7	0.3	74	0.47	0.037
1018663	Soil		1.1	31.9	9.9	61	<0.1	23.7	13.5	409	3.16	9.0	1.1	4.3	5.4	33	0.2	0.6	0.5	71	0.46	0.039
1018665	Soil		1.6	35.5	12.6	67	<0.1	22.8	20.9	1275	4.23	6.2	1.6	10.8	10.9	26	0.3	0.8	0.2	53	0.35	0.051
1018667	Soil		2.4	33.0	21.8	84	<0.1	9.0	21.5	1024	5.27	3.7	1.7	1.8	10.7	36	0.1	0.2	21.1	120	1.28	0.084
1018644	Soil		0.5	24.0	6.7	155	<0.1	33.2	25.9	1228	5.72	4.2	0.5	0.7	10.9	18	0.1	0.2	0.8	139	0.28	0.034
1018660	Soil		0.9	27.0	13.4	63	<0.1	21.4	13.5	518	3.52	7.4	1.2	1.9	6.0	30	0.1	0.4	0.2	75	0.48	0.039
1018661	Soil		0.6	22.3	8.8	59	<0.1	18.8	13.9	439	3.29	6.0	0.8	2.4	5.3	29	0.1	0.4	0.2	71	0.45	0.044
1018669	Soil		0.8	26.5	7.6	67	<0.1	14.7	15.4	634	3.64	5.1	1.8	14.8	6.1	41	0.2	0.4	0.9	74	0.91	0.061
1018732	Soil		0.7	30.9	10.4	67	<0.1	23.8	13.3	410	3.45	7.3	1.1	2.4	5.1	35	0.3	0.6	0.2	76	0.56	0.051
1018733	Soil		0.7	28.1	8.9	56	<0.1	22.7	13.0	371	3.27	8.3	1.1	9.0	4.9	33	0.3	0.6	0.3	73	0.48	0.041
1018722	Soil		1.2	31.7	18.3	77	<0.1	22.1	16.2	567	4.27	7.1	0.6	1.7	4.5	27	0.2	0.3	0.2	100	0.38	0.037
1018710	Soil		0.9	18.6	9.0	66	<0.1	16.2	9.8	284	2.95	6.6	0.6	3.0	3.2	28	0.5	0.6	0.3	72	0.38	0.045
1018709	Soil		0.8	19.1	7.4	68	<0.1	14.8	11.6	360	3.10	6.7	0.7	2.7	2.9	26	0.5	0.6	0.3	75	0.36	0.053
1018711	Soil		0.9	22.6	8.0	62	<0.1	16.0	10.7	334	3.04	6.4	0.7	4.9	3.5	28	0.3	0.5	0.2	73	0.40	0.044
1018712	Soil		0.9	31.1	8.1	58	<0.1	19.8	10.4	288	2.86	7.6	1.0	5.3	3.7	30	0.7	1.0	0.5	67	0.40	0.041
1018714	Soil		0.6	132.4	8.8	117	<0.1	13.4	29.6	1051	6.19	4.4	0.5	<0.5	2.1	35	0.6	0.5	0.3	160	1.28	0.298
1018716	Soil		1.1	22.7	9.0	51	0.1	17.1	11.2	343	3.27	8.0	0.6	2.3	3.7	22	0.2	0.5	0.2	82	0.29	0.029
1018724	Soil		1.2	33.3	14.1	71	<0.1	32.0	18.0	548	4.33	11.2	1.0	3.5	5.3	20	0.5	0.9	0.3	108	0.29	0.023
1018643	Soil		1.0	14.4	6.6	110	<0.1	23.7	24.9	949	5.28	6.6	0.3	1.8	2.2	28	0.4	0.5	0.2	111	0.37	0.045
1018706	Soil		0.9	18.3	8.6	80	<0.1	15.1	11.7	394	3.39	6.2	0.5	1.3	3.5	26	0.3	0.5	0.2	82	0.32	0.041
1018721	Soil		1.2	25.3	15.8	56	<0.1	18.7	11.7	363	3.42	8.8	0.8	2.9	4.2	26	0.3	0.6	0.3	85	0.28	0.021
1018708	Soil		0.8	31.2	8.4	62	<0.1	16.6	11.5	362	3.10	4.5	0.6	1.6	3.4	28	<0.1	0.2	<0.1	77	0.42	0.049
1018707	Soil		0.7	22.1	11.2	73	<0.1	15.6	12.2	413	3.22	5.7	0.7	5.9	4.0	32	0.4	0.6	0.3	76	0.42	0.058
1018641	Soil		0.4	62.1	9.2	111	<0.1	15.7	23.4	1005	5.27	4.1	1.3	<0.5	8.8	30	<0.1	0.1	<0.1	138	0.59	0.084

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1018648	Soil	5	51	1.18	439	0.145	2	2.09	0.019	0.17	<0.1	0.01	3.1	<0.1	<0.05	6	<0.5	<0.2
1018718	Soil	8	29	1.34	249	0.098	1	3.19	0.009	0.29	<0.1	0.02	6.0	0.2	<0.05	11	<0.5	<0.2
1018726	Soil	11	35	0.80	167	0.096	2	2.14	0.010	0.04	0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1018713	Soil	15	40	3.05	312	0.291	1	4.44	0.012	1.24	<0.1	0.01	9.8	0.4	<0.05	14	<0.5	<0.2
1018715	Soil	41	50	1.92	229	0.204	<1	3.29	0.012	0.19	<0.1	<0.01	8.6	0.2	<0.05	10	<0.5	<0.2
1018638	Soil	28	37	1.30	399	0.120	1	2.46	0.011	0.27	<0.1	0.02	7.6	0.1	<0.05	7	<0.5	<0.2
1018662	Soil	17	41	0.80	247	0.100	1	2.24	0.015	0.05	0.1	0.02	6.5	<0.1	<0.05	6	<0.5	<0.2
1018663	Soil	16	42	0.76	277	0.104	2	2.27	0.019	0.06	0.2	0.03	5.7	0.2	<0.05	6	<0.5	<0.2
1018665	Soil	19	24	0.43	311	0.038	<1	1.27	0.013	0.08	0.2	0.02	6.8	<0.1	<0.05	3	<0.5	<0.2
1018667	Soil	22	15	1.90	118	<0.001	1	2.74	0.004	0.05	2.0	0.01	9.5	<0.1	<0.05	9	<0.5	<0.2
1018644	Soil	31	86	3.70	375	0.262	<1	4.57	0.010	1.32	<0.1	0.01	13.8	0.4	<0.05	13	<0.5	<0.2
1018660	Soil	17	38	0.85	314	0.093	<1	2.34	0.015	0.08	<0.1	0.03	7.0	<0.1	<0.05	7	<0.5	<0.2
1018661	Soil	14	34	0.88	193	0.092	<1	2.07	0.014	0.05	0.1	0.02	4.8	<0.1	<0.05	6	<0.5	<0.2
1018669	Soil	16	23	1.04	212	0.017	<1	2.01	0.011	0.07	1.0	0.02	6.6	<0.1	<0.05	6	<0.5	<0.2
1018732	Soil	16	42	0.89	228	0.116	1	2.49	0.017	0.07	0.1	0.03	6.2	<0.1	<0.05	7	<0.5	<0.2
1018733	Soil	16	41	0.77	268	0.105	<1	2.33	0.014	0.06	0.1	0.03	6.4	<0.1	<0.05	7	<0.5	<0.2
1018722	Soil	10	38	1.16	192	0.110	1	2.90	0.013	0.11	<0.1	0.02	6.5	<0.1	<0.05	8	<0.5	<0.2
1018710	Soil	11	31	0.75	168	0.138	2	2.07	0.013	0.08	0.2	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1018709	Soil	13	29	0.83	196	0.148	2	2.12	0.015	0.12	0.1	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1018711	Soil	12	33	0.78	174	0.141	2	1.99	0.014	0.10	0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1018712	Soil	14	35	0.73	221	0.129	2	1.97	0.014	0.07	0.1	0.04	4.7	<0.1	<0.05	6	<0.5	<0.2
1018714	Soil	5	27	2.28	265	0.214	1	3.54	0.054	0.65	0.1	0.01	6.9	0.2	<0.05	11	<0.5	<0.2
1018716	Soil	10	34	0.69	185	0.117	<1	2.28	0.011	0.07	<0.1	0.02	3.7	0.1	<0.05	7	<0.5	<0.2
1018724	Soil	13	62	1.24	214	0.144	1	2.97	0.011	0.06	0.1	0.02	9.5	<0.1	<0.05	8	<0.5	<0.2
1018643	Soil	5	63	2.01	196	0.242	1	3.29	0.014	0.32	0.1	0.02	2.9	0.1	<0.05	10	<0.5	<0.2
1018706	Soil	10	30	0.88	137	0.190	1	2.18	0.013	0.16	0.1	0.01	3.0	0.1	<0.05	7	<0.5	<0.2
1018721	Soil	14	40	0.71	194	0.106	2	2.36	0.010	0.07	<0.1	0.02	5.0	<0.1	<0.05	7	<0.5	<0.2
1018708	Soil	12	37	0.90	174	0.171	<1	2.06	0.012	0.24	0.2	0.02	3.6	0.1	<0.05	7	<0.5	<0.2
1018707	Soil	14	32	0.91	182	0.166	2	2.06	0.014	0.17	0.1	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1018641	Soil	21	37	2.31	425	0.357	<1	3.32	0.015	1.04	<0.1	<0.01	6.8	0.3	<0.05	11	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1018720	Soil	2.3	44.9	50.0	94	<0.1	19.0	21.6	730	5.25	7.9	0.5	1.2	3.4	39	0.5	0.7	0.3	122	0.52	0.072
1018719	Soil	0.9	96.1	16.3	159	<0.1	25.6	17.6	796	5.85	2.9	0.7	<0.5	3.9	17	0.5	0.5	0.3	79	0.38	0.089
1018717	Soil	0.6	38.2	3.3	77	<0.1	7.3	15.2	681	4.61	2.8	0.6	<0.5	3.7	20	0.5	0.5	0.3	82	0.32	0.055
1018639	Soil	1.0	11.8	24.4	91	<0.1	15.3	23.9	993	5.98	5.0	1.4	1.3	7.5	24	0.3	0.4	0.2	162	0.44	0.081
1018737	Soil	1.1	103.0	7.9	52	<0.1	20.4	12.5	317	3.80	7.4	2.5	1.9	20.3	21	0.5	0.8	0.4	86	0.26	0.037
1018731	Soil	0.6	23.4	7.0	51	<0.1	18.2	10.6	298	2.85	5.3	0.9	2.7	5.4	30	<0.1	0.3	<0.1	70	0.43	0.038
1018738	Soil	0.8	44.0	8.0	104	<0.1	24.9	23.9	874	6.55	7.4	2.2	3.1	17.8	32	0.3	0.9	0.2	139	0.75	0.107
1062937	Soil	1.2	72.4	3.1	79	<0.1	23.6	18.3	286	4.18	2.8	0.9	1.0	3.5	21	0.4	0.5	0.2	115	0.27	0.073
1018736	Soil	0.5	14.7	26.3	29	<0.1	9.2	4.6	747	1.25	5.4	4.8	3.3	36.9	15	0.3	0.5	2.3	15	0.10	0.022
1018734	Soil	0.9	29.8	20.2	55	<0.1	16.5	11.0	573	3.10	6.9	2.6	3.5	10.0	54	0.5	1.2	0.5	51	1.74	0.046
1062944	Soil	0.6	36.0	7.8	78	<0.1	29.3	22.4	494	4.15	6.6	0.6	2.1	2.8	39	<0.1	0.3	0.1	108	0.44	0.061
1062935	Soil	0.8	93.6	5.8	145	<0.1	24.9	24.1	490	5.50	2.0	1.2	<0.5	3.8	47	0.1	<0.1	<0.1	153	0.51	0.105
1018728	Soil	0.6	32.2	7.5	58	<0.1	23.2	11.9	384	3.12	7.4	1.2	0.9	4.9	31	0.1	0.5	0.2	70	0.44	0.035
1018729	Soil	0.7	25.8	7.5	55	<0.1	20.5	11.6	445	3.01	7.1	1.3	1.8	4.3	31	<0.1	0.4	0.1	69	0.47	0.034
1054473	Soil	0.9	26.0	5.9	89	<0.1	14.1	18.0	641	4.48	7.5	0.3	<0.5	1.6	33	0.1	0.2	0.1	102	0.34	0.118
1018730	Soil	0.9	19.2	7.8	57	<0.1	17.8	10.4	368	3.17	6.5	0.6	0.6	3.7	29	<0.1	0.3	0.2	73	0.43	0.031
1062936	Soil	1.1	65.2	5.9	111	<0.1	25.6	19.3	401	4.63	7.3	0.4	0.6	1.6	30	0.2	0.2	0.2	115	0.28	0.052
1062941	Soil	0.8	25.9	6.9	59	<0.1	18.9	10.9	307	3.55	7.5	0.5	1.6	2.6	18	<0.1	0.3	0.1	83	0.22	0.030
1062945	Soil	0.6	29.3	6.0	95	<0.1	17.7	17.9	532	4.92	6.8	0.8	2.0	3.4	32	0.1	0.3	0.1	114	0.35	0.063
1062943	Soil	0.8	51.5	9.6	63	0.2	24.7	11.9	394	3.13	8.5	1.0	2.4	2.6	26	<0.1	0.4	0.2	75	0.32	0.057
1062932	Soil	1.1	43.9	7.6	73	<0.1	28.5	19.2	711	4.31	8.3	1.0	2.1	5.1	26	<0.1	0.4	0.2	84	0.37	0.066
1062938	Soil	0.4	42.4	5.0	85	<0.1	22.6	21.0	456	4.26	3.4	0.6	2.6	2.1	38	0.1	0.1	<0.1	121	0.41	0.097
1054474	Soil	0.6	32.9	5.9	55	<0.1	20.9	12.0	288	2.98	6.5	0.5	2.2	3.0	23	<0.1	0.3	<0.1	79	0.31	0.021
1062939	Soil	0.8	28.9	6.2	78	<0.1	17.7	16.1	539	4.37	6.4	0.5	1.3	2.2	20	<0.1	0.3	0.1	103	0.31	0.073
1062949	Soil	0.4	60.9	3.3	108	<0.1	13.6	18.9	581	5.67	3.3	0.6	1.0	2.9	15	<0.1	0.1	<0.1	164	0.38	0.105
1062942	Soil	0.5	59.1	3.6	111	<0.1	17.3	19.2	688	5.70	3.8	0.4	<0.5	2.7	14	<0.1	0.1	<0.1	153	0.26	0.057
1062952	Soil	0.9	19.8	7.8	58	<0.1	18.1	12.0	280	3.49	9.6	0.6	2.7	3.7	15	<0.1	0.5	0.1	80	0.18	0.039
1054475	Soil	0.8	40.5	7.5	59	<0.1	24.8	11.1	325	3.24	9.4	0.8	1.8	4.4	24	<0.1	0.5	0.1	81	0.30	0.016
1062934	Soil	0.5	104.9	4.1	93	<0.1	41.0	24.6	496	4.47	3.5	0.4	1.0	2.9	40	0.1	0.1	<0.1	97	0.75	0.177
1062848	Soil	0.4	58.5	8.2	94	<0.1	18.4	18.7	559	4.73	5.1	0.4	21.1	1.9	53	0.1	0.2	<0.1	119	0.69	0.072

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1018720	Soil		7	34	1.77	203	0.240	1	3.28	0.013	0.25	0.1	<0.01	4.5	0.1	<0.05	10	<0.5	<0.2
1018719	Soil		8	60	1.88	226	0.020	<1	3.21	0.007	0.14	<0.1	<0.01	9.6	<0.1	<0.05	15	<0.5	<0.2
1018717	Soil		6	11	1.42	183	0.151	<1	2.80	0.006	0.46	<0.1	<0.01	3.9	0.1	<0.05	9	<0.5	<0.2
1018639	Soil		13	41	2.51	320	0.384	1	3.79	0.011	1.07	<0.1	<0.01	6.3	0.4	<0.05	11	<0.5	<0.2
1018737	Soil		30	40	0.49	221	0.034	3	1.94	0.010	0.08	0.2	0.01	12.0	<0.1	<0.05	7	<0.5	<0.2
1018731	Soil		15	37	0.73	177	0.112	<1	2.00	0.014	0.05	<0.1	0.03	5.1	<0.1	<0.05	6	<0.5	<0.2
1018738	Soil		75	60	1.55	194	0.002	1	3.07	0.007	0.05	<0.1	0.03	27.3	<0.1	<0.05	14	<0.5	<0.2
1062937	Soil		10	58	1.80	623	0.243	<1	3.09	0.021	1.16	<0.1	<0.01	5.3	0.2	0.18	8	0.7	<0.2
1018736	Soil		22	11	0.11	182	0.008	1	0.82	0.006	0.09	0.2	0.02	3.8	0.1	<0.05	2	<0.5	<0.2
1018734	Soil		14	25	0.48	291	0.027	3	1.44	0.015	0.14	0.1	0.03	6.8	0.1	<0.05	4	<0.5	<0.2
1062944	Soil		8	50	1.98	188	0.169	3	3.32	0.018	0.18	0.1	0.02	5.6	<0.1	<0.05	9	<0.5	<0.2
1062935	Soil		15	54	2.27	640	0.213	<1	3.55	0.042	1.13	<0.1	<0.01	8.2	0.3	0.18	12	2.3	<0.2
1018728	Soil		16	40	0.78	281	0.092	<1	2.16	0.019	0.06	<0.1	0.05	6.3	<0.1	<0.05	7	<0.5	<0.2
1018729	Soil		15	36	0.72	270	0.081	<1	2.12	0.017	0.05	0.1	0.05	5.4	<0.1	<0.05	7	0.5	<0.2
1054473	Soil		4	23	1.54	237	0.176	<1	2.88	0.013	0.30	<0.1	0.03	3.4	<0.1	<0.05	10	<0.5	<0.2
1018730	Soil		12	34	0.70	211	0.084	<1	2.20	0.012	0.05	0.1	0.02	3.8	<0.1	<0.05	7	<0.5	<0.2
1062936	Soil		5	58	1.67	326	0.225	1	3.26	0.022	0.43	<0.1	0.03	4.0	0.2	0.12	9	0.7	<0.2
1062941	Soil		8	31	0.86	194	0.106	1	2.32	0.010	0.10	<0.1	0.02	4.6	0.1	<0.05	8	0.7	<0.2
1062945	Soil		8	36	1.40	361	0.195	2	3.67	0.019	0.21	<0.1	0.04	8.6	<0.1	<0.05	11	0.5	<0.2
1062943	Soil		14	39	0.76	261	0.076	1	2.38	0.012	0.06	<0.1	0.06	5.5	0.1	<0.05	7	0.6	<0.2
1062932	Soil		15	53	1.04	342	0.080	1	2.63	0.013	0.17	0.1	0.04	7.9	0.1	<0.05	7	<0.5	<0.2
1062938	Soil		7	53	2.39	417	0.171	<1	3.40	0.020	0.69	<0.1	<0.01	4.8	0.3	<0.05	10	0.6	<0.2
1054474	Soil		9	39	0.99	514	0.128	<1	1.86	0.019	0.15	<0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1062939	Soil		7	33	1.22	249	0.128	1	2.82	0.015	0.29	<0.1	0.02	5.1	0.1	<0.05	9	0.5	<0.2
1062949	Soil		9	21	2.42	436	0.302	<1	3.62	0.016	0.85	<0.1	0.01	11.9	0.3	<0.05	15	<0.5	<0.2
1062942	Soil		10	24	2.46	484	0.214	1	3.58	0.014	0.78	<0.1	0.01	14.9	0.3	<0.05	13	0.9	<0.2
1062952	Soil		9	33	0.81	199	0.103	2	2.53	0.011	0.11	<0.1	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1054475	Soil		15	43	0.77	239	0.113	<1	2.08	0.020	0.05	<0.1	0.03	7.4	<0.1	<0.05	6	0.7	<0.2
1062934	Soil		9	76	1.63	345	0.154	<1	2.67	0.035	0.34	<0.1	0.01	4.9	0.1	<0.05	9	0.9	<0.2
1062848	Soil		9	33	1.83	350	0.172	<1	3.12	0.018	0.18	0.2	0.02	7.1	<0.1	<0.05	11	0.7	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062933	Soil	0.7	36.7	5.5	62	<0.1	16.4	11.3	262	3.22	4.7	0.2	<0.5	1.4	23	<0.1	0.2	0.1	98	0.29	0.036
1054472	Soil	1.0	31.4	9.9	66	0.2	18.9	11.0	370	3.41	9.0	0.6	2.6	2.7	19	0.1	0.4	0.2	76	0.28	0.062
1062845	Soil	0.7	27.2	4.3	81	<0.1	22.4	17.8	393	4.05	4.6	0.2	1.4	1.2	30	<0.1	0.1	<0.1	108	0.27	0.039
1062847	Soil	0.4	52.8	4.8	93	<0.1	16.7	17.9	687	4.56	3.6	0.7	2.2	3.1	30	0.1	0.2	<0.1	107	0.51	0.095
1062844	Soil	0.7	39.7	5.1	87	<0.1	24.6	17.1	390	4.12	5.9	0.4	2.0	2.3	34	<0.1	0.3	<0.1	96	0.30	0.042
1062850	Soil	0.4	45.8	5.8	104	<0.1	16.3	14.8	532	4.72	5.5	0.7	2.1	3.1	31	0.2	0.2	<0.1	107	0.78	0.133
1062953	Soil	0.5	40.4	7.8	79	<0.1	20.3	16.5	417	3.73	6.9	0.4	3.7	2.1	26	<0.1	0.2	<0.1	94	0.60	0.111
1062946	Soil	0.9	36.9	7.6	64	0.1	18.6	11.8	415	3.49	8.0	0.7	2.5	3.0	22	<0.1	0.4	0.1	75	0.26	0.052
1062846	Soil	0.7	28.9	5.1	67	<0.1	19.3	11.6	302	3.32	6.1	0.5	2.2	2.5	20	0.1	0.4	<0.1	81	0.34	0.058
1062948	Soil	0.4	20.3	6.5	128	<0.1	13.1	18.5	649	5.74	3.1	0.3	1.2	1.2	37	<0.1	0.1	<0.1	142	0.28	0.065
1062950	Soil	0.6	55.4	6.2	75	<0.1	21.1	14.5	456	4.14	6.2	0.5	1.2	2.9	22	<0.1	0.3	<0.1	117	0.29	0.035
1062947	Soil	1.0	24.9	8.7	117	0.3	12.5	12.5	484	5.06	6.2	0.4	0.7	1.7	26	0.1	0.3	0.1	120	0.30	0.121
1018620	Soil	0.7	27.8	6.9	86	<0.1	22.6	16.7	657	4.38	5.2	1.3	1.9	7.8	31	<0.1	0.3	<0.1	106	0.48	0.048
1018619	Soil	0.6	23.5	6.4	72	<0.1	23.1	14.9	545	4.06	4.5	0.7	2.0	7.4	19	<0.1	0.3	<0.1	96	0.30	0.048
1018601	Soil	0.8	20.5	7.2	72	<0.1	16.7	11.5	474	3.73	7.1	0.5	2.2	2.9	21	<0.1	0.3	0.1	94	0.28	0.026
1055306	Soil	1.0	55.4	2.3	54	<0.1	14.0	21.4	535	4.96	1.6	0.5	<0.5	1.6	26	<0.1	0.1	<0.1	116	0.70	0.192
1055301	Soil	0.6	60.6	4.5	66	<0.1	17.6	13.3	283	3.38	3.8	0.4	1.5	1.8	32	<0.1	0.2	<0.1	100	0.36	0.041
1055304	Soil	1.1	23.9	4.9	63	<0.1	15.4	9.3	284	3.24	5.9	0.8	1.2	2.5	28	<0.1	0.3	0.1	85	0.34	0.042
1055336	Soil	0.8	37.0	6.3	57	<0.1	22.4	13.2	300	3.22	8.2	0.6	2.9	3.7	31	<0.1	0.4	0.1	84	0.38	0.027
1055303	Soil	0.8	20.9	5.5	64	<0.1	15.5	10.5	339	3.05	5.9	0.9	2.1	3.6	34	<0.1	0.3	0.1	69	0.42	0.056
1055307	Soil	1.2	69.8	2.3	52	<0.1	12.5	22.0	581	5.40	2.3	0.5	0.7	1.6	26	<0.1	0.2	<0.1	119	0.67	0.190
1055334	Soil	1.2	19.2	7.8	57	0.1	15.7	8.9	250	2.92	6.3	0.4	1.4	2.2	35	0.1	0.4	0.2	79	0.33	0.050
1055325	Soil	0.4	134.0	2.5	67	<0.1	18.5	33.3	443	5.77	3.0	0.3	0.9	1.5	49	<0.1	0.2	<0.1	183	1.00	0.140
1055305	Soil	0.8	32.5	6.6	72	<0.1	21.5	12.1	359	3.37	8.9	1.0	2.6	3.6	36	<0.1	0.4	0.1	80	0.49	0.041
1055335	Soil	1.0	41.2	7.5	91	<0.1	18.3	15.3	494	4.14	6.5	0.4	0.8	2.1	53	<0.1	0.3	0.1	104	0.52	0.044
1055324	Soil	0.2	159.5	2.4	74	<0.1	18.6	38.8	269	5.84	1.1	0.2	0.6	1.1	33	<0.1	<0.1	<0.1	211	0.75	0.156
1055322	Soil	0.7	27.9	3.7	59	<0.1	6.2	11.1	488	3.90	2.9	0.3	0.6	1.2	38	0.1	0.2	<0.1	92	0.63	0.115
1055331	Soil	0.3	20.1	2.2	96	<0.1	10.7	19.1	438	4.80	2.5	0.3	<0.5	1.2	46	<0.1	<0.1	<0.1	137	0.55	0.095
1055309	Soil	0.8	56.6	3.7	132	<0.1	16.1	16.5	804	5.50	3.4	0.8	0.5	5.1	46	<0.1	0.2	<0.1	111	0.65	0.092
1055330	Soil	0.6	29.0	3.6	114	<0.1	13.4	17.9	599	5.18	4.3	0.8	<0.5	3.5	28	<0.1	0.1	<0.1	67	0.49	0.139

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062933	Soil	5	36	1.00	128	0.184	<1	1.91	0.020	0.09	<0.1	<0.01	3.0	0.1	<0.05	10	0.6	<0.2
1054472	Soil	9	33	0.69	198	0.081	1	2.28	0.011	0.08	0.1	0.05	4.1	0.1	<0.05	7	0.7	<0.2
1062845	Soil	3	36	2.05	244	0.266	<1	3.20	0.012	0.37	<0.1	<0.01	2.3	<0.1	<0.05	8	<0.5	<0.2
1062847	Soil	14	29	1.67	404	0.191	1	2.58	0.016	0.54	<0.1	0.02	8.7	0.2	<0.05	10	1.1	<0.2
1062844	Soil	6	42	1.69	276	0.215	1	3.20	0.013	0.32	<0.1	0.03	3.0	0.1	<0.05	9	1.0	<0.2
1062850	Soil	11	26	1.99	419	0.187	1	3.15	0.016	0.54	<0.1	0.01	10.3	0.1	<0.05	11	0.6	<0.2
1062953	Soil	7	28	1.27	204	0.120	1	2.54	0.030	0.13	<0.1	0.02	4.4	<0.1	<0.05	8	<0.5	<0.2
1062946	Soil	11	29	0.90	235	0.112	<1	2.29	0.011	0.15	0.1	0.03	3.7	0.1	<0.05	7	0.8	<0.2
1062846	Soil	9	31	1.04	170	0.125	1	2.36	0.015	0.11	<0.1	0.02	4.0	<0.1	<0.05	7	0.6	<0.2
1062948	Soil	4	33	3.09	359	0.301	<1	4.79	0.014	0.63	<0.1	0.02	7.9	0.2	<0.05	15	0.8	<0.2
1062950	Soil	8	33	1.33	274	0.189	2	2.72	0.014	0.24	<0.1	0.02	5.6	0.2	<0.05	9	<0.5	<0.2
1062947	Soil	5	25	1.64	216	0.184	1	3.07	0.013	0.20	<0.1	0.04	5.9	<0.1	<0.05	13	0.5	<0.2
1018620	Soil	24	49	1.43	244	0.235	2	2.88	0.015	0.37	0.1	0.03	5.3	0.1	<0.05	9	<0.5	<0.2
1018619	Soil	15	48	1.29	165	0.195	<1	2.58	0.013	0.26	0.2	0.01	3.8	0.1	<0.05	9	<0.5	<0.2
1018601	Soil	8	29	1.06	192	0.146	<1	2.42	0.010	0.09	<0.1	0.03	4.0	0.1	<0.05	8	0.9	<0.2
1055306	Soil	6	36	1.66	385	0.122	<1	2.71	0.030	0.38	<0.1	0.01	11.2	0.1	<0.05	12	<0.5	<0.2
1055301	Soil	7	30	1.20	255	0.174	2	2.33	0.018	0.10	<0.1	0.02	4.0	<0.1	<0.05	8	<0.5	<0.2
1055304	Soil	10	30	1.08	303	0.168	2	2.06	0.020	0.12	0.1	0.02	5.3	<0.1	<0.05	8	<0.5	<0.2
1055336	Soil	11	37	0.95	325	0.124	2	2.25	0.019	0.07	<0.1	0.02	5.1	<0.1	<0.05	6	<0.5	<0.2
1055303	Soil	15	33	0.98	367	0.150	1	1.91	0.020	0.11	0.1	0.03	5.6	<0.1	<0.05	6	<0.5	<0.2
1055307	Soil	6	27	1.44	381	0.095	1	2.71	0.024	0.35	<0.1	0.02	12.4	0.1	<0.05	11	<0.5	<0.2
1055334	Soil	7	29	0.76	315	0.119	1	1.85	0.015	0.12	0.2	0.02	2.8	<0.1	<0.05	7	<0.5	<0.2
1055325	Soil	4	20	1.62	212	0.207	1	2.55	0.112	0.12	<0.1	0.01	7.6	<0.1	<0.05	9	<0.5	<0.2
1055305	Soil	12	38	0.83	289	0.145	2	1.99	0.028	0.09	<0.1	0.05	7.3	<0.1	<0.05	6	<0.5	<0.2
1055335	Soil	5	34	1.28	358	0.212	<1	2.73	0.021	0.19	0.1	0.01	4.9	<0.1	<0.05	9	<0.5	<0.2
1055324	Soil	2	13	2.18	590	0.329	<1	3.08	0.079	0.97	<0.1	<0.01	4.7	0.3	<0.05	11	<0.5	<0.2
1055322	Soil	5	11	0.92	168	0.221	1	1.89	0.050	0.14	<0.1	0.02	5.9	<0.1	<0.05	10	<0.5	<0.2
1055331	Soil	4	16	2.46	271	0.265	<1	3.98	0.036	0.63	<0.1	<0.01	7.4	<0.1	<0.05	12	<0.5	<0.2
1055309	Soil	15	36	1.79	411	0.298	<1	3.10	0.024	0.55	<0.1	0.01	8.8	0.2	<0.05	12	0.7	<0.2
1055330	Soil	11	38	2.02	375	0.181	<1	3.43	0.024	0.74	<0.1	<0.01	10.9	0.2	<0.05	15	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1018686	Soil		0.6	32.1	6.8	94	<0.1	20.5	21.5	898	5.13	3.1	1.2	1.1	9.0	31	0.1	0.3	<0.1	101	0.65	0.089
1018684	Soil		1.3	25.5	9.3	76	<0.1	21.2	16.4	546	3.95	7.4	0.7	0.9	2.9	40	0.2	0.4	0.2	94	0.65	0.044
1018673	Soil		1.2	55.2	7.3	95	0.1	18.2	14.3	441	3.81	3.7	2.1	2.8	4.7	64	0.1	0.3	0.1	83	0.80	0.062
1018691	Soil		0.7	34.3	7.1	73	0.1	26.7	12.7	482	3.06	6.4	1.4	4.0	3.8	55	0.2	0.4	0.1	74	1.13	0.069
1018692	Soil		0.9	29.5	7.4	69	<0.1	21.8	14.0	514	3.21	7.2	1.3	3.0	5.3	41	<0.1	0.3	0.1	78	0.62	0.044
1018678	Soil		0.8	114.7	9.1	57	0.3	31.5	15.2	737	3.62	6.6	1.6	4.4	6.3	51	0.1	0.5	0.2	80	0.95	0.046
1018689	Soil		1.0	25.8	6.4	67	<0.1	21.1	15.8	550	3.55	7.5	0.8	1.7	5.4	42	<0.1	0.3	0.1	83	0.71	0.057
1018699	Soil		0.7	20.5	6.6	66	0.1	17.4	11.2	348	2.78	5.9	0.8	1.6	2.9	39	0.1	0.3	0.1	70	0.61	0.066
1018676	Soil		0.8	32.0	7.7	48	<0.1	25.0	12.8	424	3.13	7.8	0.8	2.1	4.6	35	<0.1	0.5	0.1	77	0.48	0.028
1018695	Soil		0.9	18.0	7.0	66	<0.1	16.3	12.1	413	3.13	6.2	0.8	1.7	4.3	36	<0.1	0.3	0.1	77	0.53	0.044
1018697	Soil		0.6	22.1	6.5	64	<0.1	17.7	12.0	447	2.90	6.0	1.0	3.0	4.6	38	0.1	0.4	0.1	72	0.56	0.054
1018675	Soil		0.5	36.3	5.2	79	0.1	18.2	17.5	715	4.88	3.8	1.3	12.8	7.6	38	<0.1	0.2	<0.1	85	0.79	0.070
1018677	Soil		1.2	39.8	5.3	53	0.1	22.7	14.2	493	3.04	5.8	1.4	3.1	2.4	70	0.1	0.3	<0.1	70	1.59	0.070
1018679	Soil		0.8	14.1	9.1	101	<0.1	11.4	10.9	789	4.37	5.6	1.3	<0.5	9.6	85	0.2	0.4	0.1	64	0.62	0.044
1018688	Soil		0.8	34.4	6.0	62	<0.1	22.4	14.2	503	3.29	6.3	1.1	1.6	5.2	40	<0.1	0.3	0.1	81	0.70	0.056
1018671	Soil		0.9	19.0	4.4	51	<0.1	14.0	17.8	392	4.36	4.8	0.5	1.3	1.9	29	0.1	0.2	<0.1	109	0.64	0.094
1018672	Soil		0.8	44.5	5.9	61	<0.1	16.7	13.7	346	3.38	6.3	0.8	1.9	3.0	40	<0.1	0.3	0.1	83	0.51	0.072
1018674	Soil		0.9	38.1	6.6	63	<0.1	20.1	14.8	476	3.72	5.3	1.7	5.3	6.1	42	0.1	0.3	0.1	79	0.56	0.049
1018702	Soil		0.7	18.6	6.2	65	<0.1	16.3	12.8	536	2.69	5.3	0.8	1.9	2.9	36	0.2	0.3	0.1	67	0.51	0.065
1018698	Soil		0.6	20.0	6.4	63	<0.1	17.0	11.7	399	2.88	5.2	0.9	1.3	3.6	38	<0.1	0.3	0.1	69	0.60	0.060
1018704	Soil		0.8	26.1	5.8	58	<0.1	18.1	10.3	444	2.51	5.9	0.7	3.3	2.5	41	0.1	0.3	0.1	62	0.72	0.048
1018700	Soil		0.8	19.9	5.5	71	<0.1	17.7	11.3	466	2.72	5.5	0.7	1.2	2.6	43	0.2	0.3	0.1	64	0.76	0.072
1018703	Soil		0.6	19.2	6.1	65	<0.1	17.5	12.3	543	2.66	5.5	0.7	5.1	2.9	34	0.1	0.4	0.1	64	0.54	0.060
1018690	Soil		0.9	41.8	6.1	66	<0.1	26.4	13.3	460	3.19	5.7	1.3	1.9	6.4	43	<0.1	0.3	0.1	71	0.82	0.051
1018696	Soil		0.7	25.6	6.0	66	<0.1	17.8	12.0	436	2.85	5.2	1.0	2.7	4.1	39	<0.1	0.3	0.1	67	0.77	0.055
1018694	Soil		0.6	18.8	5.6	58	<0.1	16.1	11.2	390	2.82	5.1	0.8	4.6	5.2	31	<0.1	0.2	<0.1	69	0.49	0.045
1018682	Soil		0.7	53.1	6.6	75	<0.1	21.2	20.5	767	4.50	5.0	0.9	2.5	3.3	50	0.1	0.3	0.1	99	1.17	0.053
1018693	Soil		0.8	25.8	6.3	65	<0.1	18.9	13.3	500	3.22	6.8	1.1	4.5	5.0	35	<0.1	0.3	0.1	80	0.57	0.053
1018683	Soil		1.0	32.3	6.0	84	<0.1	36.3	21.2	694	5.09	7.7	1.3	1.1	7.7	28	<0.1	0.3	0.1	113	0.59	0.057
1018685	Soil		0.8	21.8	8.1	66	0.1	23.7	15.1	605	3.93	8.3	1.0	2.1	5.1	32	<0.1	0.4	0.1	88	0.48	0.027

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1018686	Soil	21	44	2.01	241	0.199	1	2.90	0.017	0.49	0.8	0.01	7.3	0.2	<0.05	9	<0.5	<0.2
1018684	Soil	11	38	1.05	161	0.178	2	2.56	0.020	0.12	0.2	0.02	5.1	0.1	<0.05	8	<0.5	<0.2
1018673	Soil	23	39	1.08	245	0.173	1	2.34	0.038	0.18	0.1	0.04	6.7	<0.1	0.10	8	1.0	<0.2
1018691	Soil	17	52	1.03	239	0.145	2	1.99	0.024	0.20	0.2	0.05	5.2	0.1	<0.05	6	<0.5	<0.2
1018692	Soil	21	40	0.88	252	0.166	2	2.11	0.024	0.13	0.1	0.04	5.2	<0.1	<0.05	7	<0.5	<0.2
1018678	Soil	40	37	0.94	339	0.155	2	2.22	0.031	0.19	0.2	0.04	8.7	0.1	<0.05	7	0.6	<0.2
1018689	Soil	15	39	1.07	187	0.184	2	2.13	0.021	0.18	0.2	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1018699	Soil	12	32	0.81	238	0.137	2	1.97	0.023	0.10	0.2	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1018676	Soil	17	43	0.70	271	0.117	1	1.96	0.025	0.11	0.1	0.02	6.4	<0.1	<0.05	6	<0.5	<0.2
1018695	Soil	14	33	0.86	267	0.167	<1	2.11	0.023	0.15	0.2	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
1018697	Soil	15	35	0.79	267	0.153	1	1.94	0.023	0.09	0.2	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
1018675	Soil	16	40	1.45	233	0.271	1	2.71	0.020	0.41	0.2	0.02	5.8	0.1	<0.05	10	<0.5	<0.2
1018677	Soil	13	41	0.99	273	0.145	3	1.74	0.026	0.22	<0.1	0.05	5.6	0.1	0.13	6	0.9	<0.2
1018679	Soil	24	20	1.01	196	0.169	1	2.93	0.012	0.17	0.3	0.01	6.2	<0.1	<0.05	11	0.5	<0.2
1018688	Soil	24	41	1.03	230	0.179	2	1.97	0.021	0.23	0.2	0.03	5.1	0.1	<0.05	7	<0.5	<0.2
1018671	Soil	7	24	1.10	194	0.208	1	2.32	0.050	0.18	0.1	<0.01	6.5	<0.1	<0.05	9	<0.5	<0.2
1018672	Soil	11	27	0.82	218	0.156	1	2.02	0.035	0.12	0.1	0.02	4.6	<0.1	<0.05	6	0.6	<0.2
1018674	Soil	23	45	1.06	225	0.195	1	2.33	0.027	0.21	0.2	0.03	6.1	0.1	<0.05	8	<0.5	<0.2
1018702	Soil	12	28	0.77	233	0.129	1	1.75	0.020	0.10	0.2	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1018698	Soil	14	32	0.82	249	0.142	1	1.91	0.022	0.11	0.2	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1018704	Soil	11	29	0.68	232	0.102	2	1.61	0.025	0.10	0.2	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1018700	Soil	11	31	0.82	258	0.108	3	1.78	0.024	0.12	0.3	0.04	3.8	<0.1	<0.05	5	<0.5	<0.2
1018703	Soil	12	29	0.74	250	0.112	1	1.76	0.023	0.10	0.2	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1018690	Soil	28	43	0.99	254	0.139	2	2.04	0.022	0.14	0.2	0.10	4.7	<0.1	<0.05	6	<0.5	<0.2
1018696	Soil	15	32	0.85	278	0.129	1	1.97	0.021	0.14	0.1	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2
1018694	Soil	16	32	0.80	234	0.142	1	1.81	0.020	0.17	0.5	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1018682	Soil	11	39	1.56	234	0.233	3	2.84	0.029	0.25	0.2	0.02	4.9	<0.1	<0.05	8	<0.5	<0.2
1018693	Soil	17	35	0.91	262	0.148	1	2.06	0.022	0.18	0.2	0.04	4.7	0.1	<0.05	6	<0.5	<0.2
1018683	Soil	20	102	1.76	198	0.310	2	2.89	0.019	0.42	0.2	0.02	6.4	0.2	<0.05	11	<0.5	<0.2
1018685	Soil	19	40	0.99	243	0.166	2	2.41	0.018	0.37	0.2	0.02	6.1	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1018681	Soil	0.6	39.4	6.9	62	0.2	18.0	12.6	570	2.98	4.7	1.4	3.1	3.9	65	0.2	0.3	<0.1	62	1.43	0.061
1018687	Soil	1.0	27.3	6.6	64	<0.1	25.0	14.4	463	3.66	6.5	0.9	1.5	5.5	36	<0.1	0.3	0.1	86	0.55	0.045
1018680	Soil	1.6	31.5	8.5	68	0.2	22.0	15.2	720	3.47	7.7	1.0	2.8	4.4	33	<0.1	0.3	0.1	81	0.50	0.035
1055320	Soil	0.5	15.3	4.0	46	<0.1	12.4	13.1	321	3.34	4.0	0.4	0.5	1.9	27	<0.1	0.2	<0.1	93	0.71	0.137
1055333	Soil	0.7	18.3	4.9	61	<0.1	13.7	13.6	333	3.24	3.6	0.2	0.6	1.3	43	0.1	0.3	<0.1	100	0.72	0.022
1055326	Soil	1.6	40.5	12.1	67	<0.1	51.4	17.8	423	4.09	9.6	1.7	1.9	12.6	31	<0.1	0.5	0.2	108	0.47	0.064
1055327	Soil	1.4	17.1	8.6	59	<0.1	16.3	9.7	199	3.15	9.6	0.5	<0.5	3.1	23	<0.1	0.5	0.2	76	0.22	0.029
1055329	Soil	1.0	19.6	7.4	75	<0.1	21.5	13.0	393	3.85	8.4	0.4	1.1	2.3	19	<0.1	0.4	0.1	97	0.23	0.041
1055323	Soil	0.5	56.0	3.2	77	<0.1	14.9	13.2	396	4.48	3.7	0.3	0.5	1.7	23	<0.1	0.2	<0.1	78	0.36	0.063
1055321	Soil	0.6	20.7	5.2	58	<0.1	12.8	13.1	378	4.06	5.9	0.5	1.1	2.4	28	<0.1	0.3	<0.1	93	0.59	0.123
1055308	Soil	0.7	20.2	2.9	86	<0.1	13.1	10.9	439	4.52	4.1	0.5	<0.5	2.2	23	<0.1	0.2	<0.1	78	0.57	0.154
1021537	Soil	0.9	51.2	5.7	73	<0.1	21.9	13.6	434	3.34	5.7	0.6	6.2	2.0	27	0.1	0.3	0.1	79	0.38	0.083
1055332	Soil	1.1	21.2	6.6	48	0.2	17.8	13.0	526	2.83	4.1	0.5	2.2	2.5	35	<0.1	0.3	0.1	81	0.45	0.029
1055318	Soil	0.9	18.2	6.9	53	<0.1	18.8	10.2	280	3.02	7.0	0.6	2.0	3.5	23	<0.1	0.4	0.1	82	0.33	0.040
1055310	Soil	0.6	42.0	3.0	104	<0.1	21.3	20.3	519	5.31	2.4	0.4	18.3	1.4	50	<0.1	0.1	<0.1	105	1.01	0.116
1055317	Soil	0.4	17.1	4.5	41	<0.1	12.8	8.6	243	2.28	3.7	0.6	4.4	2.5	29	<0.1	0.2	<0.1	69	0.48	0.057
1055302	Soil	0.8	26.2	6.4	74	<0.1	19.6	13.0	318	3.78	6.2	0.6	1.1	2.9	31	<0.1	0.3	<0.1	89	0.40	0.050
1055328	Soil	0.9	13.8	7.6	41	0.2	11.5	6.1	211	2.36	4.5	0.4	1.3	2.1	22	<0.1	0.2	0.1	67	0.25	0.048
1055319	Soil	0.6	20.0	5.4	51	<0.1	14.8	9.7	302	2.79	4.7	0.5	5.5	3.1	25	<0.1	0.3	<0.1	82	0.46	0.055
1055311	Soil	1.2	28.1	2.7	117	<0.1	10.0	13.6	450	5.58	2.1	0.8	<0.5	1.9	70	<0.1	0.1	<0.1	76	0.47	0.158
1018602	Soil	1.3	35.8	9.5	54	0.2	24.3	11.8	313	3.34	10.7	1.1	5.9	8.2	20	<0.1	0.6	0.2	76	0.22	0.032
1018603	Soil	0.9	41.6	9.0	62	<0.1	23.9	13.1	386	3.48	10.9	1.3	3.4	5.7	37	<0.1	0.5	0.1	82	0.39	0.023
1018604	Soil	1.3	31.4	8.8	72	<0.1	13.0	15.8	749	4.86	7.5	0.4	<0.5	2.2	25	<0.1	0.3	0.2	122	0.39	0.113
1018605	Soil	1.4	22.0	7.2	74	<0.1	16.3	13.2	486	4.39	8.3	0.5	1.2	3.3	29	<0.1	0.3	0.1	98	0.40	0.031
1018606	Soil	0.9	19.9	5.7	75	<0.1	15.1	15.1	448	3.95	4.1	0.9	1.7	5.6	31	<0.1	0.2	<0.1	90	0.38	0.029
1018607	Soil	1.0	17.2	6.2	80	<0.1	14.7	13.4	527	4.06	6.1	0.5	1.3	3.1	21	<0.1	0.3	0.1	81	0.30	0.047
1018608	Soil	0.5	8.3	5.0	64	<0.1	26.6	16.4	708	4.22	5.3	1.1	<0.5	5.2	21	0.1	0.2	<0.1	59	0.48	0.077
1018631	Soil	0.8	22.8	6.6	56	<0.1	18.6	9.5	502	2.28	6.1	0.7	2.9	2.1	35	0.2	0.4	0.1	50	0.59	0.059
1018612	Soil	0.5	32.5	5.9	50	<0.1	22.0	10.6	358	2.72	8.1	0.9	3.3	4.4	27	<0.1	0.4	0.1	59	0.38	0.050
1018630	Soil	0.6	25.4	7.3	58	<0.1	19.8	9.5	323	2.36	6.7	0.9	1.9	2.4	29	<0.1	0.4	0.1	51	0.44	0.059

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1018681	Soil	19	31	0.94	244	0.109	2	1.91	0.025	0.12	0.2	0.05	4.9	<0.1	<0.05	6	<0.5	<0.2
1018687	Soil	19	45	1.08	297	0.174	2	2.33	0.023	0.19	0.1	0.02	4.5	0.1	<0.05	8	<0.5	<0.2
1018680	Soil	29	38	0.87	290	0.114	1	2.33	0.019	0.12	0.1	0.02	5.3	<0.1	<0.05	8	<0.5	<0.2
1055320	Soil	8	21	0.87	199	0.139	<1	1.99	0.052	0.07	<0.1	<0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
1055333	Soil	6	26	1.00	246	0.111	2	2.32	0.072	0.07	<0.1	0.01	5.5	<0.1	<0.05	7	<0.5	<0.2
1055326	Soil	14	89	1.61	237	0.226	1	2.90	0.017	0.11	0.4	0.01	5.3	0.2	<0.05	10	<0.5	<0.2
1055327	Soil	11	32	0.60	170	0.098	<1	2.24	0.016	0.08	<0.1	0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1055329	Soil	8	41	1.17	261	0.174	1	2.58	0.011	0.23	0.1	0.02	3.4	0.2	<0.05	9	<0.5	<0.2
1055323	Soil	6	30	1.15	299	0.306	<1	2.50	0.028	0.65	<0.1	<0.01	4.7	0.2	<0.05	11	<0.5	<0.2
1055321	Soil	9	25	0.93	196	0.159	2	2.59	0.043	0.11	<0.1	0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
1055308	Soil	12	34	1.76	393	0.215	<1	2.63	0.026	0.76	<0.1	0.01	8.5	0.3	<0.05	12	<0.5	<0.2
1021537	Soil	10	42	0.84	325	0.123	1	2.31	0.025	0.09	0.1	0.02	4.5	<0.1	<0.05	8	<0.5	<0.2
1055332	Soil	8	33	0.86	332	0.127	2	2.01	0.024	0.06	0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1055318	Soil	11	34	0.63	177	0.124	2	2.42	0.024	0.06	0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1055310	Soil	7	40	2.37	314	0.242	<1	3.66	0.036	0.27	<0.1	<0.01	8.8	0.1	<0.05	12	0.6	<0.2
1055317	Soil	11	24	0.55	159	0.112	<1	1.43	0.035	0.05	<0.1	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1055302	Soil	9	36	1.27	287	0.172	<1	2.80	0.017	0.18	0.1	0.02	4.3	<0.1	<0.05	9	<0.5	<0.2
1055328	Soil	9	25	0.65	260	0.155	1	1.68	0.015	0.14	<0.1	0.02	3.0	0.2	<0.05	8	<0.5	<0.2
1055319	Soil	11	28	0.66	215	0.126	<1	1.88	0.030	0.05	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1055311	Soil	13	24	2.04	562	0.161	1	3.20	0.030	0.62	<0.1	<0.01	9.5	0.2	0.15	14	0.7	<0.2
1018602	Soil	16	51	0.63	221	0.105	2	3.10	0.016	0.08	0.1	0.03	4.9	0.2	<0.05	7	<0.5	<0.2
1018603	Soil	22	44	0.74	338	0.125	2	2.48	0.019	0.06	0.1	0.04	7.6	0.1	<0.05	7	<0.5	<0.2
1018604	Soil	7	32	1.02	108	0.202	1	2.48	0.024	0.08	0.1	0.03	4.2	<0.1	<0.05	11	<0.5	<0.2
1018605	Soil	9	36	1.06	185	0.232	1	2.73	0.015	0.14	0.1	<0.01	3.5	0.1	<0.05	10	<0.5	<0.2
1018606	Soil	18	35	1.47	329	0.273	1	2.84	0.019	0.41	0.1	<0.01	3.1	0.3	<0.05	9	<0.5	<0.2
1018607	Soil	7	32	1.21	280	0.191	2	2.41	0.008	0.32	0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1018608	Soil	11	73	1.66	168	0.121	2	2.67	0.010	0.11	0.1	<0.01	5.1	<0.1	<0.05	11	0.5	<0.2
1018631	Soil	9	27	0.57	224	0.057	3	1.36	0.017	0.06	0.1	0.03	3.2	<0.1	<0.05	4	0.5	<0.2
1018612	Soil	15	32	0.76	250	0.097	3	1.67	0.015	0.10	0.1	0.03	5.3	<0.1	<0.05	5	<0.5	<0.2
1018630	Soil	12	27	0.55	242	0.065	3	1.61	0.017	0.06	0.2	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2

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Suite 680-789 West Pender St
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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1018625	Soil	0.5	23.9	6.1	59	<0.1	18.2	10.4	324	2.83	6.1	1.0	2.2	4.4	29	<0.1	0.3	<0.1	62	0.41	0.054
1018629	Soil	0.6	26.1	6.5	55	<0.1	21.2	9.3	335	2.26	6.5	0.8	1.1	3.2	32	0.2	0.4	0.1	52	0.56	0.064
1018633	Soil	0.7	31.0	7.2	59	<0.1	22.3	10.9	381	2.47	7.1	1.0	0.8	3.4	32	<0.1	0.4	0.1	56	0.57	0.062
1018634	Soil	0.8	21.9	7.0	63	0.1	19.0	10.8	624	2.23	5.8	0.7	3.3	1.8	38	0.4	0.3	0.1	52	0.65	0.069
1018632	Soil	0.8	33.4	7.2	58	0.1	25.0	11.4	440	2.57	8.0	0.9	1.7	3.2	38	0.2	0.5	0.1	59	0.72	0.067
1018628	Soil	0.6	21.7	7.3	57	<0.1	20.3	9.3	290	2.36	6.6	0.8	1.3	3.0	34	<0.1	0.5	0.1	54	0.52	0.064
1018627	Soil	0.7	23.0	7.1	63	0.1	21.0	10.7	491	2.47	8.0	0.8	0.6	2.7	37	0.2	0.4	0.2	56	0.58	0.060
1018610	Soil	0.6	23.9	7.3	58	<0.1	19.2	11.4	420	3.08	7.0	0.8	1.8	4.4	29	<0.1	0.4	0.1	65	0.42	0.031
1018626	Soil	0.6	16.6	6.4	47	<0.1	13.1	8.3	248	2.45	4.9	0.5	4.4	2.2	21	<0.1	0.3	0.1	61	0.29	0.037
1018609	Soil	0.5	8.7	5.2	67	<0.1	30.8	16.8	792	4.52	5.6	1.1	<0.5	4.7	23	0.1	0.2	<0.1	68	0.50	0.071
1018611	Soil	0.8	36.1	7.2	47	<0.1	20.4	10.7	278	2.74	7.7	0.6	1.6	4.3	21	<0.1	0.5	0.1	64	0.24	0.020
1018621	Soil	1.5	30.0	8.1	77	0.2	24.2	19.4	1566	3.64	6.6	1.3	4.3	4.7	38	0.3	0.4	0.1	92	0.65	0.068
1018614	Soil	0.7	13.7	8.7	70	<0.1	16.9	15.1	571	3.88	6.8	0.6	<0.5	5.6	32	<0.1	0.4	0.1	78	0.32	0.029
1018616	Soil	0.5	30.5	6.3	89	<0.1	26.7	22.8	927	6.10	4.2	1.0	<0.5	8.4	16	<0.1	0.2	<0.1	127	0.39	0.083
1018615	Soil	0.5	78.8	4.0	73	<0.1	24.1	23.4	944	5.48	2.3	1.1	<0.5	11.4	23	<0.1	0.2	<0.1	108	0.58	0.109
1018622	Soil	0.4	17.7	6.0	79	<0.1	17.7	13.2	436	3.32	3.8	0.7	1.3	4.2	25	<0.1	0.2	<0.1	81	0.39	0.057
1018617	Soil	0.6	28.9	5.7	57	<0.1	22.6	15.1	501	3.65	7.2	1.4	<0.5	12.0	25	<0.1	0.4	0.1	86	0.36	0.030
1018613	Soil	0.9	21.5	15.5	96	<0.1	22.4	23.7	943	5.89	8.0	0.9	<0.5	5.9	41	0.2	0.4	<0.1	131	0.58	0.044
1018618	Soil	0.5	46.2	4.3	98	<0.1	53.3	25.5	1263	5.46	3.8	1.0	<0.5	13.2	9	<0.1	0.1	<0.1	127	0.33	0.149
1018624	Soil	0.6	27.4	7.3	57	<0.1	22.3	10.6	345	2.89	7.0	1.0	1.3	5.0	32	<0.1	0.4	0.1	71	0.44	0.045
1018623	Soil	0.5	18.0	6.0	69	<0.1	18.0	13.2	443	3.07	4.7	0.7	1.5	4.4	24	0.1	0.2	<0.1	72	0.36	0.056
1054234	Soil	0.5	25.3	8.3	60	<0.1	23.2	12.7	368	3.18	7.5	0.7	<0.5	4.0	40	<0.1	0.3	<0.1	68	0.50	0.048
1054229	Soil	0.7	22.1	7.2	56	<0.1	24.3	10.6	330	2.94	7.7	0.7	1.1	4.8	20	<0.1	0.4	<0.1	66	0.25	0.043
1054227	Soil	1.0	17.2	9.2	52	<0.1	20.5	10.7	345	3.02	8.2	0.6	<0.5	4.3	22	<0.1	0.4	0.1	65	0.19	0.035
1054233	Soil	0.7	24.4	7.5	58	<0.1	22.8	13.3	339	3.81	8.1	0.4	<0.5	2.9	25	<0.1	0.3	<0.1	83	0.28	0.026
1054232	Soil	0.9	20.7	9.6	53	<0.1	25.5	10.8	297	3.50	10.5	0.8	1.7	4.2	20	0.1	0.5	0.2	78	0.20	0.026
1054236	Soil	1.0	36.7	8.0	68	<0.1	25.1	15.2	404	3.82	8.0	0.7	<0.5	4.6	18	<0.1	0.3	0.1	85	0.22	0.037
1054237	Soil	1.0	37.9	7.6	60	<0.1	21.8	16.2	551	3.96	6.8	1.4	<0.5	7.7	22	<0.1	0.4	0.1	84	0.35	0.046
1054230	Soil	0.9	9.1	8.2	39	<0.1	5.9	6.4	253	2.06	3.0	0.3	2.9	0.9	27	0.1	0.2	0.2	70	0.18	0.032
1054228	Soil	0.7	27.2	7.7	55	<0.1	15.3	11.9	498	3.26	6.4	1.1	1.0	6.5	91	<0.1	0.3	<0.1	79	0.44	0.026

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1018625	Soil	14	32	0.73	227	0.096	<1	1.76	0.014	0.10	0.2	0.03	5.0	<0.1	<0.05	6	<0.5	<0.2
1018629	Soil	11	26	0.57	236	0.078	1	1.36	0.024	0.07	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
1018633	Soil	12	30	0.63	228	0.079	1	1.48	0.019	0.07	0.2	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1018634	Soil	9	30	0.57	203	0.065	1	1.46	0.014	0.06	0.2	0.04	3.2	<0.1	<0.05	5	0.7	<0.2
1018632	Soil	12	30	0.66	232	0.079	2	1.48	0.022	0.07	0.2	0.03	3.9	<0.1	<0.05	4	<0.5	<0.2
1018628	Soil	11	27	0.59	226	0.076	1	1.48	0.022	0.06	0.2	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2
1018627	Soil	11	27	0.58	245	0.079	3	1.53	0.022	0.07	0.2	0.03	3.4	0.1	<0.05	5	0.8	<0.2
1018610	Soil	12	33	0.84	273	0.120	<1	1.94	0.017	0.13	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1018626	Soil	9	25	0.63	150	0.113	<1	1.62	0.012	0.08	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1018609	Soil	10	92	1.76	193	0.139	<1	2.92	0.010	0.11	0.1	0.01	5.8	<0.1	<0.05	11	<0.5	<0.2
1018611	Soil	9	35	0.71	182	0.102	1	1.85	0.012	0.08	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1018621	Soil	27	48	0.78	336	0.153	2	2.72	0.016	0.15	0.2	0.08	5.8	0.1	<0.05	9	0.7	<0.2
1018614	Soil	9	33	1.17	182	0.118	<1	2.62	0.008	0.06	0.2	0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1018616	Soil	10	67	2.05	154	0.156	1	3.27	0.013	0.18	<0.1	<0.01	8.8	<0.1	<0.05	12	<0.5	<0.2
1018615	Soil	23	31	1.88	213	0.131	<1	2.98	0.013	0.38	<0.1	<0.01	7.5	0.2	<0.05	11	<0.5	<0.2
1018622	Soil	11	39	1.07	194	0.170	<1	2.33	0.014	0.31	0.1	0.02	3.8	0.1	<0.05	8	<0.5	<0.2
1018617	Soil	26	45	1.14	216	0.179	2	2.18	0.016	0.25	0.1	0.01	5.5	0.1	<0.05	8	<0.5	<0.2
1018613	Soil	11	44	2.18	224	0.248	1	3.97	0.009	0.09	0.1	<0.01	8.7	<0.1	<0.05	12	<0.5	<0.2
1018618	Soil	25	142	2.29	139	0.225	<1	3.16	0.012	0.35	0.2	0.02	7.5	<0.1	<0.05	13	0.5	<0.2
1018624	Soil	15	38	0.68	251	0.120	<1	1.86	0.020	0.07	0.1	0.03	5.8	<0.1	<0.05	6	<0.5	<0.2
1018623	Soil	12	36	0.91	195	0.146	1	1.98	0.015	0.16	0.1	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
1054234	Soil	11	40	0.87	245	0.126	<1	2.37	0.016	0.05	0.1	0.03	4.9	<0.1	<0.05	7	<0.5	<0.2
1054229	Soil	13	31	0.67	192	0.084	1	2.26	0.009	0.07	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1054227	Soil	9	36	0.55	187	0.078	<1	2.36	0.009	0.05	0.1	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
1054233	Soil	7	48	0.81	139	0.148	1	2.49	0.012	0.05	0.1	0.02	3.2	<0.1	<0.05	9	<0.5	<0.2
1054232	Soil	11	46	0.68	160	0.109	1	2.80	0.013	0.05	0.1	0.03	4.5	0.2	<0.05	8	<0.5	<0.2
1054236	Soil	8	46	0.98	165	0.151	<1	3.11	0.014	0.12	0.1	0.01	3.7	0.1	<0.05	8	<0.5	<0.2
1054237	Soil	15	39	0.91	345	0.063	1	2.61	0.011	0.15	0.1	0.02	10.9	0.2	<0.05	7	<0.5	<0.2
1054230	Soil	6	15	0.54	163	0.161	<1	1.31	0.009	0.28	<0.1	0.02	1.2	0.1	<0.05	8	<0.5	<0.2
1054228	Soil	21	29	0.91	234	0.128	<1	2.96	0.013	0.13	0.1	0.02	5.3	0.1	<0.05	9	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012887	Soil		1.4	26.4	9.6	53	<0.1	20.5	12.1	282	3.36	11.5	0.6	1.8	3.5	13	<0.1	0.5	0.2	83	0.13	0.020
1011889	Soil		0.7	34.5	5.6	55	<0.1	19.4	13.3	414	3.08	7.6	0.3	<0.5	1.7	17	0.1	0.3	0.1	66	0.26	0.048
1028574	Soil		18.0	58.6	32.1	72	<0.1	14.8	8.0	283	3.48	276.1	0.9	<0.5	4.3	30	0.1	0.6	0.1	37	0.09	0.053
1028572	Soil		0.5	49.0	4.2	61	<0.1	20.8	14.8	353	3.59	5.4	0.6	<0.5	2.6	27	<0.1	0.1	<0.1	98	0.33	0.039
1010615	Soil		0.3	92.9	3.8	118	<0.1	47.1	27.1	900	7.20	3.7	0.8	<0.5	4.0	28	<0.1	<0.1	<0.1	227	0.49	0.042
1012890	Soil		0.3	53.2	4.3	72	<0.1	24.4	19.0	511	4.43	3.3	0.3	<0.5	1.8	27	<0.1	0.1	<0.1	124	0.36	0.024
1010260	Soil		0.9	45.7	7.5	61	<0.1	31.4	15.6	528	3.56	7.9	1.0	0.7	3.9	30	<0.1	0.3	0.1	89	0.27	0.021
1012889	Soil		0.7	43.9	9.6	51	0.3	20.2	9.9	311	3.12	9.4	0.8	4.3	2.9	25	<0.1	0.3	0.1	73	0.24	0.032
1012888	Soil		0.8	29.0	9.5	55	<0.1	16.9	9.4	393	3.32	8.2	1.0	1.7	3.9	15	0.1	0.4	0.1	79	0.20	0.052
1054225	Soil		0.6	26.4	9.0	57	<0.1	22.7	12.1	348	2.93	6.2	0.7	<0.5	3.4	22	0.1	0.3	<0.1	69	0.26	0.034
1054224	Soil		0.9	23.7	7.7	43	<0.1	19.3	8.8	247	3.00	8.1	0.5	<0.5	1.3	16	0.1	0.3	0.1	70	0.18	0.028
1054226	Soil		0.8	22.7	7.3	55	<0.1	20.8	12.2	347	3.03	8.6	0.8	0.7	3.3	23	<0.1	0.3	0.1	64	0.25	0.031
1054223	Soil		0.8	23.9	7.6	58	<0.1	20.7	10.8	278	3.39	9.0	0.5	<0.5	3.2	17	0.2	0.4	0.1	75	0.19	0.028
1054222	Soil		0.7	15.3	11.1	32	<0.1	15.1	6.0	124	2.54	8.0	0.4	0.9	2.2	15	0.1	0.4	0.2	66	0.15	0.018
1054215	Soil		0.9	32.0	8.5	66	<0.1	20.4	12.9	406	3.11	7.7	1.2	0.5	4.4	23	<0.1	0.4	0.1	71	0.24	0.033
1012886	Soil		0.8	91.2	5.5	55	<0.1	16.6	18.1	434	4.01	10.3	0.4	<0.5	2.4	11	<0.1	0.2	<0.1	111	0.20	0.044
1054217	Soil		0.9	29.0	8.2	52	<0.1	25.7	13.1	433	3.24	9.4	1.1	4.5	4.6	19	<0.1	0.4	0.1	74	0.18	0.026
1054218	Soil		0.7	19.1	9.1	39	<0.1	18.5	8.6	185	2.69	7.7	0.4	<0.5	2.8	15	<0.1	0.3	0.1	65	0.16	0.022
1012884	Soil		0.8	57.3	4.3	39	<0.1	9.9	12.3	346	2.71	5.9	0.2	1.5	1.1	8	0.1	0.2	0.1	75	0.22	0.046
1054219	Soil		0.6	26.2	6.6	48	<0.1	25.2	11.4	313	2.90	7.2	0.5	1.1	3.4	22	<0.1	0.3	<0.1	68	0.26	0.015
1054216	Soil		0.6	27.5	7.5	44	<0.1	26.2	12.4	222	2.94	9.2	0.6	1.6	3.7	16	<0.1	0.4	0.1	62	0.17	0.021
1054220	Soil		1.0	32.4	8.6	55	<0.1	22.5	12.0	410	3.13	8.7	1.2	1.5	5.6	18	<0.1	0.4	0.1	64	0.18	0.031
1011890	Soil		0.7	46.5	3.3	92	<0.1	16.5	14.3	441	4.68	3.5	0.5	<0.5	2.5	21	<0.1	<0.1	<0.1	135	0.32	0.062
1054243	Soil		0.7	18.5	8.3	48	<0.1	19.8	9.9	245	2.82	6.9	0.4	<0.5	2.4	16	<0.1	0.3	0.1	72	0.20	0.027
1054244	Soil		1.0	22.2	6.6	50	<0.1	25.9	11.9	314	4.07	7.3	0.6	1.3	5.3	13	<0.1	0.3	<0.1	88	0.17	0.027
1054240	Soil		0.7	56.6	6.2	56	<0.1	12.4	10.7	371	4.30	4.2	0.9	1.5	3.4	50	<0.1	0.2	<0.1	89	0.19	0.043
1054239	Soil		0.8	19.3	8.7	55	<0.1	19.7	10.9	321	3.39	8.6	0.6	8.1	3.8	14	<0.1	0.4	0.2	77	0.16	0.031
1054242	Soil		1.0	21.9	9.4	50	<0.1	22.7	10.6	299	3.09	7.5	0.7	0.7	3.0	17	<0.1	0.3	0.1	65	0.18	0.034
1054247	Soil		0.7	29.9	7.4	53	<0.1	24.3	11.1	337	3.06	8.1	1.2	4.6	3.4	22	<0.1	0.3	0.1	71	0.30	0.045
1054241	Soil		0.8	11.6	8.2	43	<0.1	12.8	9.3	272	2.89	7.1	0.6	<0.5	2.7	15	<0.1	0.3	0.1	75	0.16	0.028

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Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012887	Soil	8	37	0.65	220	0.082	2	2.39	0.009	0.05	0.1	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1011889	Soil	5	36	0.73	117	0.074	<1	2.02	0.019	0.04	0.1	<0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1028574	Soil	17	18	0.61	209	0.017	<1	1.91	0.025	0.13	<0.1	<0.01	3.6	<0.1	0.20	5	1.1	0.2
1028572	Soil	9	35	1.53	232	0.118	<1	2.39	0.017	0.31	<0.1	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1010615	Soil	15	114	4.59	669	0.284	<1	4.94	0.016	0.93	<0.1	<0.01	12.3	0.4	<0.05	16	<0.5	<0.2
1012890	Soil	5	58	2.18	242	0.210	<1	3.54	0.022	0.10	<0.1	<0.01	7.3	<0.1	<0.05	11	<0.5	<0.2
1010260	Soil	12	68	1.19	281	0.108	<1	2.58	0.017	0.06	<0.1	0.02	8.4	<0.1	<0.05	7	0.5	<0.2
1012889	Soil	11	34	0.70	242	0.058	<1	2.39	0.011	0.05	0.1	0.03	5.3	<0.1	<0.05	7	<0.5	<0.2
1012888	Soil	13	33	0.75	228	0.086	<1	2.25	0.009	0.06	0.1	0.04	5.6	<0.1	<0.05	7	0.5	<0.2
1054225	Soil	9	46	0.87	147	0.108	<1	2.08	0.012	0.05	<0.1	0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1054224	Soil	7	38	0.63	95	0.081	<1	1.88	0.011	0.05	0.1	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
1054226	Soil	9	34	0.69	205	0.099	<1	2.22	0.012	0.06	<0.1	0.03	3.8	<0.1	<0.05	6	<0.5	<0.2
1054223	Soil	7	38	0.60	105	0.091	<1	2.31	0.010	0.04	<0.1	0.03	3.1	<0.1	<0.05	7	0.6	<0.2
1054222	Soil	8	30	0.38	132	0.065	<1	1.75	0.007	0.04	<0.1	0.02	2.5	0.2	<0.05	8	<0.5	<0.2
1054215	Soil	14	36	0.80	317	0.103	<1	2.60	0.015	0.17	<0.1	0.03	5.3	0.2	<0.05	7	<0.5	<0.2
1012886	Soil	6	32	1.29	212	0.178	<1	2.56	0.015	0.21	<0.1	<0.01	4.2	0.1	<0.05	8	<0.5	<0.2
1054217	Soil	12	40	0.63	192	0.088	<1	2.21	0.013	0.06	<0.1	0.03	5.4	0.1	<0.05	6	<0.5	<0.2
1054218	Soil	7	36	0.51	125	0.082	1	1.85	0.009	0.04	0.1	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1012884	Soil	4	17	0.66	132	0.114	<1	1.38	0.015	0.16	<0.1	<0.01	2.6	<0.1	<0.05	6	<0.5	<0.2
1054219	Soil	10	47	0.72	163	0.106	<1	2.22	0.013	0.04	<0.1	0.01	4.2	<0.1	<0.05	6	0.5	<0.2
1054216	Soil	8	43	0.63	156	0.084	<1	2.23	0.010	0.05	<0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1054220	Soil	14	39	0.56	175	0.087	<1	2.30	0.013	0.05	0.1	0.05	6.0	0.1	<0.05	6	<0.5	<0.2
1011890	Soil	8	39	2.46	831	0.240	<1	3.57	0.020	0.61	<0.1	<0.01	10.2	0.2	<0.05	11	0.7	<0.2
1054243	Soil	7	32	0.67	144	0.104	<1	2.10	0.011	0.05	<0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1054244	Soil	6	64	0.95	123	0.146	<1	2.78	0.009	0.04	<0.1	0.02	3.7	<0.1	<0.05	9	<0.5	<0.2
1054240	Soil	9	22	0.98	271	0.153	<1	2.45	0.016	0.44	<0.1	<0.01	3.7	0.2	0.23	7	<0.5	<0.2
1054239	Soil	9	40	0.67	146	0.116	<1	2.25	0.014	0.07	<0.1	0.04	3.5	0.2	<0.05	8	<0.5	<0.2
1054242	Soil	9	39	0.61	152	0.068	<1	2.49	0.011	0.04	0.1	0.03	4.3	0.1	<0.05	7	0.6	<0.2
1054247	Soil	10	49	0.76	194	0.082	1	2.28	0.013	0.05	0.1	<0.01	4.5	<0.1	<0.05	7	<0.5	<0.2
1054241	Soil	8	30	0.71	144	0.121	<1	1.94	0.008	0.13	<0.1	0.02	3.1	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010263	Soil		0.5	35.8	5.1	78	<0.1	21.0	17.2	435	3.92	14.9	0.4	<0.5	1.5	28	0.1	0.2	<0.1	101	0.34	0.036
1010613	Soil		0.4	74.7	3.1	64	<0.1	15.9	20.7	774	3.50	1.3	0.3	<0.5	1.7	14	0.1	<0.1	<0.1	77	0.36	0.090
1028575	Soil		0.5	64.1	5.2	80	<0.1	23.3	17.9	445	4.31	13.8	0.6	<0.5	2.3	29	<0.1	0.1	<0.1	114	0.52	0.048
1010616	Soil		0.2	93.6	3.1	110	<0.1	45.7	26.3	857	6.88	2.8	0.8	0.6	3.8	27	0.1	<0.1	<0.1	211	0.50	0.044
1010262	Soil		0.9	45.4	10.2	70	<0.1	39.6	20.0	811	3.80	4.9	0.4	0.6	1.3	24	0.1	0.2	<0.1	104	0.37	0.055
1010261	Soil		0.8	35.2	6.7	67	<0.1	35.1	22.0	788	3.58	6.7	0.3	2.4	0.8	23	0.2	0.3	<0.1	96	0.29	0.063
1028573	Soil		0.3	97.9	7.9	83	<0.1	28.4	28.4	481	5.27	5.1	0.6	1.4	2.1	34	<0.1	0.2	<0.1	152	0.49	0.050
1054246	Soil		0.9	20.3	7.5	47	<0.1	23.1	11.9	322	2.85	8.4	0.6	1.5	2.7	14	0.1	0.4	0.1	66	0.18	0.036
1010264	Soil		0.7	46.7	7.2	79	<0.1	38.3	17.8	503	4.28	22.6	1.1	0.9	4.1	23	<0.1	0.2	0.1	107	0.28	0.033
1054245	Soil		0.7	30.7	6.3	47	<0.1	25.3	13.6	323	3.96	6.6	0.7	1.1	3.2	12	<0.1	0.3	<0.1	89	0.18	0.022
1028576	Soil		1.0	50.8	7.3	62	<0.1	24.4	15.4	298	3.52	8.8	0.5	3.7	2.1	13	<0.1	0.4	0.1	96	0.18	0.030
1028577	Soil		0.2	91.8	4.3	97	<0.1	25.9	22.7	373	5.02	4.0	0.7	<0.5	3.0	29	0.1	0.1	<0.1	157	0.55	0.080
1054186	Soil		1.0	38.2	13.1	61	<0.1	22.9	11.4	282	2.84	7.5	0.5	3.4	2.6	18	<0.1	0.3	0.1	81	0.26	0.018
1012885	Soil		1.2	28.1	9.7	43	0.1	14.3	7.7	243	2.85	11.9	0.4	3.3	2.1	12	<0.1	0.4	0.2	80	0.16	0.027
1054231	Soil		0.3	10.2	3.7	66	<0.1	67.7	18.0	469	2.82	3.1	0.3	<0.5	1.5	55	<0.1	0.1	<0.1	58	0.50	0.061
1054238	Soil		0.5	56.1	4.7	57	<0.1	14.9	17.6	541	4.33	3.3	1.2	3.1	8.5	22	<0.1	0.2	<0.1	90	0.53	0.075
1054235	Soil		0.7	26.1	8.0	58	<0.1	20.5	10.8	382	3.05	8.5	1.0	3.7	4.9	29	<0.1	0.4	<0.1	64	0.28	0.027
1011887	Soil		0.6	70.8	6.8	54	<0.1	22.3	14.6	325	2.89	7.4	0.6	4.0	2.3	18	<0.1	0.3	0.1	68	0.30	0.072
1054185	Soil		0.4	63.9	5.4	71	<0.1	31.2	20.0	588	3.84	4.1	0.4	2.8	1.6	21	<0.1	0.1	<0.1	116	0.56	0.052
1013485	Soil		0.6	38.5	6.2	57	<0.1	25.7	15.9	447	3.20	7.4	0.4	16.6	2.4	21	0.2	0.3	<0.1	88	0.43	0.042
1013486	Soil		0.5	41.5	5.7	60	<0.1	28.7	19.7	505	4.13	5.7	0.4	1.9	1.6	20	0.1	0.3	<0.1	111	0.53	0.050
1011886	Soil		0.8	54.5	6.3	45	<0.1	17.5	11.8	228	2.55	7.0	0.5	3.3	0.9	18	0.1	0.3	0.1	63	0.31	0.074
1011888	Soil		0.8	51.9	7.2	52	0.1	19.9	13.3	335	3.02	7.8	0.6	1.9	1.7	18	<0.1	0.2	0.1	74	0.27	0.067
1010617	Soil		0.4	71.9	3.7	94	<0.1	42.1	33.3	1035	7.20	9.7	0.4	1.0	3.5	13	<0.1	0.1	<0.1	194	0.20	0.043
1013488	Soil		0.5	34.1	6.8	48	<0.1	24.1	11.0	320	2.76	8.4	0.6	2.2	4.1	20	<0.1	0.4	<0.1	70	0.28	0.022
1010614	Soil		0.4	68.5	3.8	92	<0.1	35.9	25.9	660	6.25	5.3	0.7	1.0	2.9	31	<0.1	0.1	<0.1	197	0.57	0.041
1054221	Soil		0.8	25.2	8.1	43	<0.1	24.1	11.2	211	2.90	8.8	0.6	3.3	3.3	14	0.1	0.4	0.1	70	0.17	0.022
1018701	Soil		0.5	20.0	5.8	68	<0.1	16.7	11.8	386	2.80	5.5	0.7	7.8	3.3	28	0.1	0.2	0.1	67	0.64	0.067
1014632	Soil		0.6	21.3	5.8	59	<0.1	19.9	12.2	352	3.02	4.5	0.8	2.1	5.0	21	<0.1	0.2	<0.1	68	0.46	0.048
1014613	Soil		1.1	12.5	8.5	52	<0.1	11.1	8.3	211	2.96	8.4	0.4	<0.5	1.7	12	<0.1	0.3	0.2	92	0.15	0.054

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010263	Soil	4	36	1.67	163	0.126	<1	3.38	0.018	0.07	<0.1	0.02	6.3	<0.1	<0.05	8	<0.5	<0.2
1010613	Soil	4	22	1.42	344	0.120	<1	2.06	0.011	0.48	<0.1	<0.01	4.6	0.1	<0.05	5	<0.5	<0.2
1028575	Soil	6	52	1.75	191	0.170	<1	2.99	0.030	0.14	<0.1	<0.01	6.2	<0.1	<0.05	9	0.5	<0.2
1010616	Soil	15	108	4.50	615	0.280	<1	4.75	0.016	0.91	<0.1	<0.01	12.2	0.3	<0.05	15	<0.5	<0.2
1010262	Soil	6	83	1.70	179	0.123	<1	2.33	0.017	0.06	<0.1	0.02	7.2	<0.1	<0.05	8	0.5	<0.2
1010261	Soil	5	68	1.30	164	0.071	1	2.84	0.021	0.04	<0.1	0.03	4.7	<0.1	<0.05	7	<0.5	<0.2
1028573	Soil	7	62	2.64	374	0.138	<1	3.41	0.016	0.16	<0.1	0.01	8.7	<0.1	<0.05	9	<0.5	<0.2
1054246	Soil	7	38	0.57	144	0.062	1	2.32	0.010	0.04	0.1	0.04	2.8	<0.1	<0.05	6	<0.5	<0.2
1010264	Soil	11	58	1.74	304	0.121	<1	2.92	0.013	0.22	<0.1	0.03	8.1	0.1	<0.05	8	0.6	<0.2
1054245	Soil	5	58	1.01	115	0.158	<1	2.65	0.015	0.05	<0.1	0.03	2.9	<0.1	<0.05	7	<0.5	<0.2
1028576	Soil	6	49	0.97	145	0.107	1	2.73	0.018	0.07	0.1	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
1028577	Soil	10	59	2.50	323	0.146	<1	3.59	0.024	0.24	<0.1	0.01	9.3	<0.1	<0.05	11	<0.5	<0.2
1054186	Soil	8	37	0.91	181	0.095	<1	2.03	0.021	0.04	<0.1	0.03	4.0	<0.1	<0.05	6	<0.5	<0.2
1012885	Soil	8	28	0.43	188	0.061	<1	1.83	0.011	0.04	0.1	0.03	2.5	<0.1	<0.05	7	<0.5	<0.2
1054231	Soil	6	255	1.74	334	0.158	<1	2.42	0.018	0.42	<0.1	0.01	2.6	0.2	<0.05	6	<0.5	<0.2
1054238	Soil	13	25	1.14	409	0.022	<1	2.43	0.012	0.22	<0.1	0.02	12.3	0.2	<0.05	6	0.6	<0.2
1054235	Soil	17	36	0.75	219	0.090	<1	2.09	0.013	0.06	<0.1	0.05	4.8	<0.1	<0.05	6	<0.5	<0.2
1011887	Soil	9	34	0.64	149	0.061	1	2.08	0.020	0.04	0.1	0.03	4.1	<0.1	<0.05	5	0.5	<0.2
1054185	Soil	6	60	2.02	215	0.175	<1	2.43	0.020	0.16	<0.1	0.01	5.2	0.2	<0.05	7	<0.5	<0.2
1013485	Soil	8	43	0.93	196	0.090	<1	2.00	0.028	0.05	<0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1013486	Soil	5	50	1.20	134	0.034	<1	2.43	0.018	0.06	<0.1	0.02	7.7	<0.1	<0.05	7	<0.5	<0.2
1011886	Soil	8	26	0.47	125	0.047	1	1.66	0.024	0.04	0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1011888	Soil	8	36	0.60	148	0.058	<1	2.11	0.024	0.04	<0.1	0.04	3.7	<0.1	<0.05	6	0.5	<0.2
1010617	Soil	12	107	3.63	315	0.034	<1	4.70	0.007	0.26	<0.1	0.02	19.8	0.1	<0.05	13	0.7	<0.2
1013488	Soil	13	36	0.64	226	0.071	<1	1.83	0.015	0.04	<0.1	0.03	5.3	<0.1	<0.05	5	<0.5	<0.2
1010614	Soil	12	77	3.14	226	0.221	<1	4.40	0.021	0.07	<0.1	0.01	10.4	<0.1	<0.05	13	<0.5	<0.2
1054221	Soil	9	43	0.58	154	0.079	1	2.34	0.011	0.04	0.1	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1018701	Soil	9	30	0.94	213	0.126	1	1.80	0.019	0.16	0.2	0.04	3.1	<0.1	<0.05	5	<0.5	<0.2
1014632	Soil	14	41	0.99	287	0.136	<1	1.93	0.016	0.24	0.1	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1014613	Soil	6	23	0.57	178	0.109	<1	1.82	0.010	0.08	<0.1	0.02	2.1	<0.1	<0.05	8	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

CERTIFICATE OF ANALYSIS WHI11000597.1

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014617	Soil	0.9	16.5	19.6	125	0.3	12.0	5.6	219	2.67	4.8	0.5	2.6	2.7	10	0.4	0.2	0.2	68	0.12	0.039
1014601	Soil	0.5	71.0	3.3	97	<0.1	14.4	18.2	401	4.80	2.4	0.8	1.8	1.9	57	<0.1	<0.1	0.1	137	0.45	0.074
1014602	Soil	0.5	56.6	4.6	69	<0.1	18.3	19.1	485	4.16	5.1	0.7	0.9	2.7	28	<0.1	0.2	<0.1	129	0.59	0.043
1014603	Soil	1.1	46.4	7.4	68	<0.1	21.0	12.3	371	4.01	8.7	0.5	2.2	2.7	16	0.1	0.4	0.2	106	0.23	0.033
1014604	Soil	0.6	42.0	4.6	67	<0.1	14.1	12.2	459	3.24	3.9	0.4	0.5	2.0	17	0.1	0.2	<0.1	88	0.27	0.068
1014605	Soil	0.6	51.8	6.2	61	<0.1	17.6	12.7	347	3.40	6.1	0.5	2.2	3.0	15	<0.1	0.3	<0.1	100	0.22	0.022
1014606	Soil	0.5	50.7	4.8	76	<0.1	15.7	13.9	374	3.64	3.6	0.4	2.4	2.5	15	<0.1	0.2	<0.1	111	0.28	0.051
1014607	Soil	0.5	65.6	18.2	254	0.1	19.6	17.2	475	4.99	2.1	0.4	0.8	1.8	63	0.3	<0.1	<0.1	159	0.63	0.064
1014609	Soil	1.0	20.6	7.6	61	0.1	13.3	8.3	275	2.87	5.4	0.7	2.8	2.7	17	0.1	0.3	0.1	74	0.22	0.036
1014608	Soil	0.9	26.8	8.8	70	0.2	13.8	9.4	444	3.19	4.1	0.5	1.8	2.9	14	0.2	0.2	0.1	81	0.15	0.038
1014610	Soil	0.5	23.2	4.8	49	<0.1	17.3	10.3	292	2.90	5.7	0.6	3.7	3.7	16	<0.1	0.2	0.1	62	0.24	0.035
1014622	Soil	0.8	21.4	6.9	107	<0.1	13.8	15.5	576	5.22	6.2	0.5	<0.5	2.5	17	<0.1	0.2	0.1	119	0.28	0.052
1014620	Soil	0.8	19.9	7.7	96	<0.1	16.0	12.6	406	4.00	5.2	0.6	0.6	4.7	16	0.1	0.2	0.1	84	0.21	0.024
1014623	Soil	0.8	14.9	5.8	54	0.1	12.1	8.4	402	3.04	4.6	0.4	<0.5	2.0	15	0.3	0.2	0.1	71	0.19	0.043
1014625	Soil	0.7	33.1	6.8	83	<0.1	38.8	17.6	395	4.35	4.5	0.8	2.2	6.8	23	<0.1	0.2	0.1	82	0.45	0.051
1062843	Soil	1.0	33.9	6.7	64	<0.1	20.3	14.0	288	3.80	7.0	0.5	4.8	2.6	16	<0.1	0.3	0.1	85	0.19	0.032
1062839	Soil	0.9	14.7	8.0	62	0.1	14.8	8.1	317	3.87	8.0	0.3	1.4	1.9	22	0.1	0.4	0.2	72	0.22	0.057
1062841	Soil	1.4	67.6	6.3	155	0.1	20.4	12.9	682	4.51	8.4	0.5	1.4	2.8	11	0.2	0.4	0.2	66	0.13	0.039
1062842	Soil	0.7	54.9	4.4	55	<0.1	16.6	14.1	318	4.27	6.0	0.4	1.3	1.3	17	<0.1	0.3	0.1	105	0.26	0.040
1054196	Soil	0.6	61.1	6.8	55	0.1	21.0	10.5	606	3.42	6.1	0.5	5.0	3.3	19	<0.1	0.3	0.1	76	0.24	0.022
1062840	Soil	0.8	31.5	7.2	53	0.1	21.5	11.2	270	3.17	9.4	1.0	2.0	4.0	15	<0.1	0.5	0.2	68	0.17	0.025
1062838	Soil	0.3	96.2	1.2	103	<0.1	7.7	16.8	562	5.92	2.0	0.2	<0.5	0.5	13	0.1	<0.1	<0.1	158	0.47	0.119
1014621	Soil	0.7	20.3	8.5	87	<0.1	17.3	11.5	331	3.87	6.1	0.5	3.8	4.6	17	0.1	0.3	<0.1	81	0.20	0.022
1014619	Soil	0.8	30.5	8.5	109	<0.1	23.6	12.4	365	4.00	5.7	0.6	2.3	4.6	18	0.2	0.3	0.1	79	0.23	0.036
1014618	Soil	0.8	33.7	10.9	136	<0.1	40.9	18.0	597	5.79	4.5	0.6	1.0	5.4	14	0.4	0.1	<0.1	108	0.27	0.096
1014614	Soil	0.6	11.3	7.2	52	<0.1	7.0	7.2	279	2.84	4.1	0.3	2.3	1.9	12	<0.1	0.2	0.1	72	0.16	0.036
1014616	Soil	0.9	21.2	7.2	73	<0.1	18.9	14.4	479	4.73	7.0	0.5	1.7	3.5	18	<0.1	0.3	0.1	104	0.24	0.029
1014630	Soil	0.8	12.4	5.6	47	<0.1	13.2	6.7	250	2.36	4.0	0.4	<0.5	2.4	22	0.1	0.2	0.1	60	0.31	0.030
1014631	Soil	0.6	16.3	5.7	54	0.1	15.0	8.0	242	2.66	4.6	0.6	1.6	3.1	23	0.1	0.2	0.2	59	0.39	0.041
1014628	Soil	0.8	19.6	6.8	56	<0.1	17.2	10.2	349	3.24	6.6	0.6	1.5	3.4	22	0.1	0.2	0.2	67	0.33	0.036

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014617	Soil	9	31	0.47	137	0.095	<1	1.63	0.009	0.09	<0.1	0.03	1.7	0.1	<0.05	8	<0.5	<0.2
1014601	Soil	10	14	1.40	367	0.119	<1	2.50	0.036	0.23	<0.1	<0.01	6.6	0.1	0.09	9	1.2	<0.2
1014602	Soil	9	32	1.36	231	0.184	<1	2.49	0.028	0.08	<0.1	0.03	5.6	<0.1	<0.05	8	<0.5	<0.2
1014603	Soil	7	37	0.80	261	0.112	<1	2.43	0.014	0.10	<0.1	0.02	4.2	<0.1	<0.05	8	<0.5	<0.2
1014604	Soil	7	21	0.93	282	0.142	<1	1.87	0.015	0.31	<0.1	0.01	4.1	0.1	<0.05	6	<0.5	<0.2
1014605	Soil	8	29	0.86	215	0.144	<1	2.27	0.013	0.08	<0.1	0.03	3.7	<0.1	<0.05	7	<0.5	<0.2
1014606	Soil	7	29	1.26	366	0.175	<1	2.29	0.017	0.48	<0.1	0.01	4.8	0.2	<0.05	7	<0.5	<0.2
1014607	Soil	6	47	1.83	318	0.211	<1	3.29	0.039	0.20	<0.1	0.01	7.5	0.2	<0.05	12	0.7	<0.2
1014609	Soil	9	27	0.66	167	0.127	<1	1.71	0.011	0.12	<0.1	0.03	2.3	0.1	<0.05	8	<0.5	<0.2
1014608	Soil	9	28	0.68	163	0.118	<1	1.95	0.012	0.14	<0.1	0.02	2.5	0.1	<0.05	8	<0.5	<0.2
1014610	Soil	11	36	0.71	166	0.121	<1	1.65	0.013	0.09	<0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1014622	Soil	6	33	1.41	246	0.224	<1	2.78	0.010	0.48	0.1	0.02	4.3	0.2	<0.05	9	0.8	<0.2
1014620	Soil	10	36	1.06	189	0.163	<1	2.22	0.010	0.31	<0.1	0.01	4.1	0.2	<0.05	8	0.5	<0.2
1014623	Soil	8	27	0.52	213	0.100	<1	1.44	0.009	0.13	<0.1	0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1014625	Soil	23	74	1.52	318	0.182	<1	2.51	0.011	0.28	0.1	0.02	4.7	0.2	<0.05	8	0.9	<0.2
1062843	Soil	7	35	0.77	278	0.113	<1	2.36	0.011	0.23	<0.1	0.02	4.2	<0.1	<0.05	6	1.0	<0.2
1062839	Soil	7	28	0.80	345	0.097	<1	1.97	0.008	0.14	<0.1	0.02	3.7	0.1	<0.05	8	0.8	<0.2
1062841	Soil	8	31	1.05	308	0.115	<1	2.50	0.008	0.27	0.1	0.02	5.5	0.1	<0.05	8	0.9	<0.2
1062842	Soil	5	25	0.84	237	0.115	<1	2.52	0.017	0.11	<0.1	0.02	4.6	<0.1	<0.05	7	<0.5	<0.2
1054196	Soil	10	32	0.75	323	0.040	<1	2.18	0.013	0.05	<0.1	0.02	7.2	<0.1	<0.05	6	0.6	<0.2
1062840	Soil	13	33	0.57	345	0.083	1	2.12	0.010	0.06	<0.1	0.03	4.3	0.1	<0.05	5	0.5	<0.2
1062838	Soil	3	10	1.13	330	0.278	<1	2.26	0.039	0.59	<0.1	0.01	4.7	<0.1	0.07	9	1.0	<0.2
1014621	Soil	10	37	0.93	158	0.159	<1	2.22	0.010	0.16	<0.1	0.01	3.6	0.1	<0.05	7	0.8	<0.2
1014619	Soil	12	48	1.11	181	0.209	<1	2.55	0.010	0.24	<0.1	0.01	3.0	0.2	<0.05	8	0.7	<0.2
1014618	Soil	14	96	1.75	259	0.287	<1	3.23	0.013	0.81	<0.1	0.01	4.3	0.3	<0.05	11	<0.5	<0.2
1014614	Soil	7	16	0.72	98	0.170	<1	1.67	0.008	0.23	<0.1	0.02	2.7	0.2	<0.05	8	1.2	<0.2
1014616	Soil	8	32	1.08	216	0.213	1	2.55	0.010	0.34	<0.1	0.02	4.4	0.2	<0.05	9	<0.5	<0.2
1014630	Soil	10	28	0.48	236	0.115	<1	1.45	0.011	0.14	0.1	0.02	2.3	<0.1	<0.05	6	0.5	<0.2
1014631	Soil	14	29	0.56	281	0.117	<1	1.68	0.013	0.16	0.1	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1014628	Soil	12	35	0.64	190	0.112	1	1.90	0.013	0.10	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2

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QUALITY CONTROL REPORT WHI11000597.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1018637	Soil	1.5	25.9	8.9	58	<0.1	10.8	11.0	588	4.46	11.5	0.4	2.5	2.5	24	0.1	0.3	0.2	139	0.18	0.121
REP 1018637	QC	1.4	25.5	9.2	56	<0.1	10.5	10.8	584	4.43	11.5	0.4	2.4	2.5	25	0.2	0.3	0.2	141	0.19	0.115
1018718	Soil	3.4	104.3	31.6	749	0.3	17.3	31.7	963	5.34	18.5	0.4	<0.5	2.0	12	0.7	0.4	0.2	93	0.14	0.058
REP 1018718	QC	3.6	105.4	31.0	759	0.3	16.0	32.1	946	5.21	18.6	0.4	2.0	2.0	13	0.7	0.3	0.2	87	0.13	0.056
1018710	Soil	0.9	18.6	9.0	66	<0.1	16.2	9.8	284	2.95	6.6	0.6	3.0	3.2	28	0.5	0.6	0.3	72	0.38	0.045
REP 1018710	QC	0.9	19.0	8.9	69	<0.1	16.6	10.2	292	3.02	6.6	0.6	1.3	3.2	27	0.4	0.6	0.3	73	0.37	0.045
1018737	Soil	1.1	103.0	7.9	52	<0.1	20.4	12.5	317	3.80	7.4	2.5	1.9	20.3	21	0.5	0.8	0.4	86	0.26	0.037
REP 1018737	QC	1.0	100.5	7.9	51	<0.1	20.0	12.3	322	3.78	6.8	2.3	2.2	19.8	20	0.3	0.6	0.3	87	0.26	0.037
1062944	Soil	0.6	36.0	7.8	78	<0.1	29.3	22.4	494	4.15	6.6	0.6	2.1	2.8	39	<0.1	0.3	0.1	108	0.44	0.061
REP 1062944	QC	0.6	36.1	7.8	79	<0.1	29.2	22.7	502	4.24	7.4	0.6	<0.5	2.8	39	0.2	0.3	0.1	109	0.43	0.062
1062848	Soil	0.4	58.5	8.2	94	<0.1	18.4	18.7	559	4.73	5.1	0.4	21.1	1.9	53	0.1	0.2	<0.1	119	0.69	0.072
REP 1062848	QC	0.4	58.2	7.8	93	<0.1	18.4	18.6	557	4.67	5.3	0.4	20.3	1.9	55	0.1	0.2	<0.1	119	0.72	0.073
1055322	Soil	0.7	27.9	3.7	59	<0.1	6.2	11.1	488	3.90	2.9	0.3	0.6	1.2	38	0.1	0.2	<0.1	92	0.63	0.115
REP 1055322	QC	0.6	27.7	3.8	61	<0.1	6.7	11.1	485	3.86	2.8	0.3	<0.5	1.2	40	<0.1	0.1	<0.1	96	0.66	0.117
1018671	Soil	0.9	19.0	4.4	51	<0.1	14.0	17.8	392	4.36	4.8	0.5	1.3	1.9	29	0.1	0.2	<0.1	109	0.64	0.094
REP 1018671	QC	0.9	19.4	4.5	52	<0.1	14.8	17.6	393	4.43	5.0	0.5	2.3	1.9	28	0.1	0.2	<0.1	107	0.64	0.095
1018690	Soil	0.9	41.8	6.1	66	<0.1	26.4	13.3	460	3.19	5.7	1.3	1.9	6.4	43	<0.1	0.3	0.1	71	0.82	0.051
REP 1018690	QC	0.8	41.5	6.0	63	<0.1	25.8	13.4	455	3.13	6.2	1.2	2.9	6.3	43	<0.1	0.3	0.1	72	0.85	0.054
1055323	Soil	0.5	56.0	3.2	77	<0.1	14.9	13.2	396	4.48	3.7	0.3	0.5	1.7	23	<0.1	0.2	<0.1	78	0.36	0.063
REP 1055323	QC	0.4	55.4	3.3	78	<0.1	14.5	12.8	383	4.39	3.4	0.3	1.3	1.9	22	<0.1	0.1	<0.1	76	0.40	0.067
1018629	Soil	0.6	26.1	6.5	55	<0.1	21.2	9.3	335	2.26	6.5	0.8	1.1	3.2	32	0.2	0.4	0.1	52	0.56	0.064
REP 1018629	QC	0.6	26.8	6.4	57	0.1	21.6	9.9	346	2.33	6.8	1.0	1.4	3.3	32	0.1	0.5	0.1	54	0.56	0.066
1054230	Soil	0.9	9.1	8.2	39	<0.1	5.9	6.4	253	2.06	3.0	0.3	2.9	0.9	27	0.1	0.2	0.2	70	0.18	0.032
REP 1054230	QC	0.8	8.9	7.9	38	<0.1	5.9	6.1	241	1.97	2.6	0.3	<0.5	0.8	25	<0.1	0.2	0.1	69	0.17	0.031
1054223	Soil	0.8	23.9	7.6	58	<0.1	20.7	10.8	278	3.39	9.0	0.5	<0.5	3.2	17	0.2	0.4	0.1	75	0.19	0.028
REP 1054223	QC	0.6	24.2	7.8	59	<0.1	21.1	10.8	280	3.42	9.0	0.5	<0.5	3.2	18	0.2	0.4	0.1	75	0.19	0.028
1054218	Soil	0.7	19.1	9.1	39	<0.1	18.5	8.6	185	2.69	7.7	0.4	<0.5	2.8	15	<0.1	0.3	0.1	65	0.16	0.022
REP 1054218	QC	0.7	18.6	9.2	39	<0.1	18.4	8.6	189	2.70	7.9	0.4	2.4	2.8	15	<0.1	0.3	0.1	67	0.16	0.022

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000597.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1018637	Soil	7	31	0.90	100	0.208	2	1.99	0.009	0.20	0.2	0.02	2.6	0.1	<0.05	11	<0.5	<0.2
REP 1018637	QC	7	31	0.89	102	0.211	<1	1.94	0.009	0.21	0.1	0.02	2.6	0.1	<0.05	10	<0.5	<0.2
1018718	Soil	8	29	1.34	249	0.098	1	3.19	0.009	0.29	<0.1	0.02	6.0	0.2	<0.05	11	<0.5	<0.2
REP 1018718	QC	7	27	1.37	239	0.095	1	3.24	0.008	0.29	<0.1	0.02	5.9	0.2	<0.05	10	1.1	<0.2
1018710	Soil	11	31	0.75	168	0.138	2	2.07	0.013	0.08	0.2	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
REP 1018710	QC	11	32	0.76	167	0.141	2	2.15	0.013	0.08	0.2	0.03	3.5	<0.1	<0.05	7	<0.5	<0.2
1018737	Soil	30	40	0.49	221	0.034	3	1.94	0.010	0.08	0.2	0.01	12.0	<0.1	<0.05	7	<0.5	<0.2
REP 1018737	QC	31	39	0.50	222	0.034	2	1.93	0.011	0.08	0.2	0.01	12.2	<0.1	<0.05	7	<0.5	<0.2
1062944	Soil	8	50	1.98	188	0.169	3	3.32	0.018	0.18	0.1	0.02	5.6	<0.1	<0.05	9	<0.5	<0.2
REP 1062944	QC	8	50	2.02	190	0.174	1	3.42	0.020	0.19	<0.1	0.02	5.7	<0.1	<0.05	9	<0.5	<0.2
1062848	Soil	9	33	1.83	350	0.172	<1	3.12	0.018	0.18	0.2	0.02	7.1	<0.1	<0.05	11	0.7	<0.2
REP 1062848	QC	9	34	1.83	341	0.186	1	3.21	0.036	0.19	0.1	0.02	7.4	<0.1	<0.05	10	<0.5	<0.2
1055322	Soil	5	11	0.92	168	0.221	1	1.89	0.050	0.14	<0.1	0.02	5.9	<0.1	<0.05	10	<0.5	<0.2
REP 1055322	QC	5	11	0.97	173	0.226	<1	2.01	0.053	0.14	<0.1	0.01	6.1	<0.1	<0.05	10	<0.5	<0.2
1018671	Soil	7	24	1.10	194	0.208	1	2.32	0.050	0.18	0.1	<0.01	6.5	<0.1	<0.05	9	<0.5	<0.2
REP 1018671	QC	7	24	1.10	200	0.203	<1	2.38	0.049	0.18	0.1	0.02	6.6	<0.1	<0.05	9	<0.5	<0.2
1018690	Soil	28	43	0.99	254	0.139	2	2.04	0.022	0.14	0.2	0.10	4.7	<0.1	<0.05	6	<0.5	<0.2
REP 1018690	QC	28	43	1.00	247	0.142	2	2.07	0.023	0.15	0.3	0.05	4.7	<0.1	<0.05	6	0.6	<0.2
1055323	Soil	6	30	1.15	299	0.306	<1	2.50	0.028	0.65	<0.1	<0.01	4.7	0.2	<0.05	11	<0.5	<0.2
REP 1055323	QC	6	30	1.15	296	0.304	<1	2.55	0.028	0.65	<0.1	0.01	4.8	0.2	<0.05	11	<0.5	<0.2
1018629	Soil	11	26	0.57	236	0.078	1	1.36	0.024	0.07	0.2	0.03	3.4	<0.1	<0.05	4	<0.5	<0.2
REP 1018629	QC	11	27	0.58	240	0.081	1	1.39	0.024	0.07	0.2	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1054230	Soil	6	15	0.54	163	0.161	<1	1.31	0.009	0.28	<0.1	0.02	1.2	0.1	<0.05	8	<0.5	<0.2
REP 1054230	QC	6	15	0.52	157	0.152	<1	1.24	0.008	0.27	<0.1	0.01	1.2	0.1	<0.05	8	<0.5	<0.2
1054223	Soil	7	38	0.60	105	0.091	<1	2.31	0.010	0.04	<0.1	0.03	3.1	<0.1	<0.05	7	0.6	<0.2
REP 1054223	QC	6	39	0.60	108	0.094	<1	2.27	0.011	0.04	<0.1	0.01	3.4	<0.1	<0.05	7	0.5	<0.2
1054218	Soil	7	36	0.51	125	0.082	1	1.85	0.009	0.04	0.1	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
REP 1054218	QC	7	37	0.53	130	0.084	1	1.91	0.009	0.04	<0.1	0.02	2.7	<0.1	<0.05	7	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000597.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1011886	Soil	0.8	54.5	6.3	45	<0.1	17.5	11.8	228	2.55	7.0	0.5	3.3	0.9	18	0.1	0.3	0.1	63	0.31	0.074
REP 1011886	QC	0.9	54.5	6.3	44	<0.1	16.4	11.7	228	2.55	6.9	0.5	2.2	1.0	18	<0.1	0.3	0.1	63	0.31	0.076
1010614	Soil	0.4	68.5	3.8	92	<0.1	35.9	25.9	660	6.25	5.3	0.7	1.0	2.9	31	<0.1	0.1	<0.1	197	0.57	0.041
REP 1010614	QC	0.3	66.7	3.7	91	<0.1	34.5	25.3	636	6.10	5.3	0.7	1.4	2.9	30	<0.1	<0.1	<0.1	190	0.56	0.040
1014622	Soil	0.8	21.4	6.9	107	<0.1	13.8	15.5	576	5.22	6.2	0.5	<0.5	2.5	17	<0.1	0.2	0.1	119	0.28	0.052
REP 1014622	QC	0.7	20.8	7.1	109	<0.1	14.4	15.0	582	5.07	5.8	0.5	1.8	2.4	17	0.1	0.2	0.1	114	0.28	0.052
Reference Materials																					
STD DS8	Standard	12.0	101.0	117.1	297	1.7	35.2	7.4	593	2.73	26.5	2.5	110.5	6.2	61	2.2	5.4	5.9	41	0.66	0.073
STD DS8	Standard	13.5	104.7	120.4	297	1.9	36.2	7.2	611	2.75	26.9	2.5	102.2	6.8	63	2.4	5.1	6.1	42	0.70	0.084
STD DS8	Standard	12.1	109.4	119.2	298	1.8	38.3	7.3	572	2.29	26.3	2.6	106.7	6.3	54	2.2	4.7	5.4	41	0.63	0.074
STD DS8	Standard	12.2	106.0	118.4	302	1.7	37.9	7.1	572	2.28	24.7	2.6	104.3	6.5	54	2.3	4.7	5.3	41	0.63	0.076
STD DS8	Standard	13.9	110.9	113.7	315	1.8	38.3	7.5	630	2.50	26.8	2.7	107.7	6.9	72	2.6	5.1	6.1	44	0.73	0.081
STD DS8	Standard	14.4	107.4	110.0	296	1.8	38.3	7.3	634	2.51	25.7	2.6	107.4	7.1	74	2.4	5.5	5.9	44	0.76	0.079
STD DS8	Standard	13.0	113.1	121.8	321	1.8	38.0	7.8	646	2.66	28.0	2.6	112.1	7.0	63	2.3	5.2	6.4	42	0.72	0.077
STD DS8	Standard	12.8	111.0	125.9	311	1.7	37.2	7.4	608	2.50	25.8	2.8	116.8	7.4	67	2.0	5.3	6.5	43	0.73	0.082
STD DS8	Standard	12.4	104.2	124.7	298	1.8	35.6	7.1	593	2.35	25.2	2.7	120.4	6.8	61	2.1	5.1	6.0	39	0.66	0.079
STD DS8	Standard	13.7	113.3	130.6	319	1.8	38.7	7.7	642	2.52	26.7	2.9	111.2	7.6	66	2.2	5.5	6.1	42	0.72	0.080
STD DS8	Standard	12.2	103.5	119.4	295	1.8	35.3	6.9	589	2.33	25.2	2.6	107.3	6.4	60	2.2	4.6	5.7	39	0.63	0.072
STD DS8	Standard	11.8	97.0	115.2	288	1.7	33.1	6.8	559	2.22	24.1	2.5	105.7	6.3	59	2.1	4.7	5.7	37	0.63	0.073
STD DS8	Standard	12.3	109.4	116.9	311	1.8	37.6	7.5	595	2.38	25.5	2.6	108.4	6.6	66	2.7	5.5	6.6	43	0.66	0.082
STD DS8	Standard	14.0	117.1	124.0	326	1.9	39.8	7.8	661	2.61	28.1	2.9	140.3	7.3	73	2.6	6.1	7.2	47	0.75	0.087
STD DS8	Standard	13.0	106.5	126.8	313	1.7	37.6	7.5	632	2.52	26.4	2.8	101.9	7.0	63	2.3	5.3	6.1	42	0.73	0.078
STD DS8	Standard	13.2	106.7	123.3	312	1.6	37.2	7.3	634	2.52	25.8	2.8	107.7	7.2	63	2.1	5.4	6.0	42	0.71	0.078
STD DS8	Standard	13.8	112.4	128.8	315	1.9	39.3	8.0	632	2.56	27.3	2.8	105.2	7.2	65	2.4	5.4	6.7	45	0.70	0.079
STD DS8	Standard	14.5	116.0	127.7	309	1.7	40.7	8.2	648	2.58	28.3	2.9	124.8	7.8	67	2.8	5.5	6.6	45	0.73	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: PED
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000597.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1011886	Soil	8	26	0.47	125	0.047	1	1.66	0.024	0.04	0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
REP 1011886	QC	7	27	0.48	123	0.046	<1	1.66	0.022	0.04	0.1	0.03	2.7	<0.1	<0.05	5	0.6	<0.2
1010614	Soil	12	77	3.14	226	0.221	<1	4.40	0.021	0.07	<0.1	0.01	10.4	<0.1	<0.05	13	<0.5	<0.2
REP 1010614	QC	11	75	3.09	225	0.213	<1	4.23	0.021	0.07	<0.1	0.02	9.9	<0.1	<0.05	13	0.5	<0.2
1014622	Soil	6	33	1.41	246	0.224	<1	2.78	0.010	0.48	0.1	0.02	4.3	0.2	<0.05	9	0.8	<0.2
REP 1014622	QC	6	32	1.38	261	0.222	<1	2.79	0.011	0.49	0.1	0.01	4.6	0.2	<0.05	9	0.8	<0.2
Reference Materials																		
STD DS8	Standard	14	111	0.51	257	0.110	3	0.86	0.080	0.39	2.8	0.19	2.5	5.2	0.18	5	5.5	4.5
STD DS8	Standard	16	115	0.57	270	0.118	3	0.92	0.091	0.41	2.9	0.21	2.3	5.3	0.19	5	6.1	5.1
STD DS8	Standard	12	115	0.57	242	0.095	2	0.86	0.088	0.40	2.6	0.20	1.8	5.2	0.13	4	4.2	5.1
STD DS8	Standard	13	112	0.58	261	0.102	2	0.85	0.084	0.40	2.7	0.18	1.8	4.9	0.14	4	5.1	4.6
STD DS8	Standard	17	121	0.62	293	0.124	3	0.97	0.108	0.44	3.3	0.21	2.6	5.4	0.15	5	4.8	5.0
STD DS8	Standard	18	120	0.63	299	0.129	2	0.97	0.105	0.44	2.8	0.20	2.5	5.5	0.15	5	5.6	5.1
STD DS8	Standard	14	122	0.60	272	0.127	2	0.95	0.091	0.43	2.8	0.19	2.2	5.3	0.20	5	4.9	5.5
STD DS8	Standard	16	119	0.60	287	0.123	3	0.93	0.093	0.42	3.0	0.21	2.3	5.5	0.19	5	5.6	4.9
STD DS8	Standard	14	109	0.60	270	0.102	3	0.91	0.096	0.42	2.9	0.18	2.3	5.5	0.16	5	5.6	4.6
STD DS8	Standard	15	119	0.63	288	0.116	3	0.97	0.101	0.42	3.0	0.23	2.5	5.4	0.18	5	5.8	5.2
STD DS8	Standard	13	107	0.57	261	0.097	3	0.86	0.085	0.40	2.8	0.20	2.2	5.2	0.17	5	5.4	4.7
STD DS8	Standard	13	104	0.56	255	0.097	1	0.84	0.087	0.38	2.7	0.17	2.2	5.0	0.18	4	5.4	4.6
STD DS8	Standard	15	117	0.61	275	0.126	2	0.91	0.088	0.41	2.8	0.21	2.3	5.5	0.17	5	5.1	4.8
STD DS8	Standard	17	126	0.66	307	0.145	3	0.99	0.093	0.45	3.3	0.22	2.6	5.5	0.18	5	5.4	5.1
STD DS8	Standard	15	117	0.62	278	0.109	3	0.97	0.093	0.43	2.9	0.20	2.1	5.8	0.16	5	6.5	5.1
STD DS8	Standard	15	115	0.60	276	0.110	2	0.93	0.094	0.41	2.8	0.19	2.2	5.5	0.17	5	6.1	4.7
STD DS8	Standard	15	123	0.62	284	0.119	3	0.92	0.087	0.42	3.1	0.20	2.5	5.2	0.16	5	5.5	5.2
STD DS8	Standard	18	126	0.63	303	0.126	3	0.95	0.091	0.42	3.0	0.20	2.8	5.1	0.16	5	5.5	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000597.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	0.6	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 03, 2011

QUALITY CONTROL REPORT WHI11000597.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Smithers
Received: July 15, 2011
Report Date: August 10, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI11000598.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-19
P.O. Number
Number of Samples: 300

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	300	Dry at 60C sieve 100g to -80 mesh			SMI
Dry at 60C	300	Dry at 60C			SMI
1DX2	300	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000598.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014651	Soil	0.7	49.2	7.8	62	<0.1	28.3	13.4	363	3.03	10.4	0.7	2.1	3.6	20	<0.1	0.5	0.2	72	0.25	0.036
1014629	Soil	1.4	22.9	8.5	57	0.1	21.7	12.2	476	3.33	7.0	0.7	6.0	4.1	26	<0.1	0.4	0.2	78	0.33	0.037
1014611	Soil	0.8	27.3	5.1	61	<0.1	15.4	15.3	468	3.66	5.1	0.7	1.2	4.5	21	<0.1	0.2	0.1	82	0.29	0.058
1054197	Soil	0.7	89.1	5.9	58	0.1	22.2	11.8	330	3.33	7.2	0.5	2.6	3.1	17	<0.1	0.4	0.1	94	0.22	0.024
1054198	Soil	0.5	116.3	4.0	69	<0.1	16.7	17.9	444	4.53	4.4	0.5	1.7	3.0	11	<0.1	0.2	<0.1	160	0.19	0.018
1054199	Soil	0.8	17.5	9.0	53	0.1	11.5	6.0	379	2.20	6.7	0.6	1.6	1.7	21	<0.1	0.3	0.2	59	0.20	0.083
1014658	Soil	1.3	14.8	9.5	41	0.1	10.7	6.6	313	2.42	6.2	0.4	1.9	2.2	18	<0.1	0.4	0.2	66	0.19	0.026
1014660	Soil	1.2	13.5	14.5	99	<0.1	9.6	9.2	511	2.74	5.7	0.3	<0.5	1.8	15	0.6	0.3	0.1	69	0.14	0.036
1014653	Soil	1.1	30.9	7.5	70	0.2	16.3	15.1	586	4.10	6.9	0.3	2.3	1.6	21	0.2	0.5	0.2	124	0.34	0.039
1014655	Soil	0.3	24.8	5.9	87	<0.1	28.2	22.0	592	4.41	3.2	0.5	<0.5	2.7	35	<0.1	0.2	<0.1	105	0.42	0.030
1014659	Soil	1.0	17.6	9.8	55	0.1	12.6	8.1	428	2.98	6.2	0.5	<0.5	2.3	16	<0.1	0.3	0.2	75	0.16	0.031
1014652	Soil	0.6	27.0	7.6	49	<0.1	21.9	10.6	252	2.47	7.4	0.7	2.8	3.2	26	<0.1	0.3	0.1	58	0.29	0.053
1062900	Soil	1.0	47.4	9.1	50	<0.1	17.1	9.7	255	2.96	7.7	0.6	4.0	2.4	20	<0.1	0.4	0.2	85	0.25	0.030
1054200	Soil	0.6	69.5	4.6	82	<0.1	19.6	22.9	493	4.76	5.3	0.4	<0.5	1.7	11	0.1	0.2	<0.1	156	0.33	0.073
1055881	Soil	0.6	47.1	6.1	57	<0.1	19.2	13.3	313	3.48	7.6	0.4	0.5	2.3	20	<0.1	0.4	0.1	75	0.27	0.055
1062899	Soil	1.0	52.8	7.3	83	<0.1	16.9	17.5	521	4.10	6.8	0.5	<0.5	4.1	15	0.1	0.3	0.1	122	0.31	0.033
1014661	Soil	2.9	75.2	20.8	236	0.3	6.3	9.9	730	4.19	4.3	0.9	17.2	2.3	63	<0.1	<0.1	0.2	91	0.31	0.032
1014663	Soil	0.3	27.4	3.5	78	<0.1	14.5	16.8	670	3.60	1.4	0.3	<0.5	1.7	15	<0.1	<0.1	<0.1	79	0.21	0.041
1014662	Soil	2.2	69.3	19.5	199	0.4	6.9	9.6	708	4.18	4.3	0.8	16.9	1.8	77	0.1	<0.1	0.2	97	0.31	0.036
1014664	Soil	0.3	20.5	3.9	73	<0.1	13.5	14.8	558	3.10	2.6	0.3	2.2	2.5	21	0.1	0.1	<0.1	65	0.27	0.047
1055880	Soil	1.0	23.4	8.9	37	0.1	16.8	7.5	208	2.55	8.1	0.8	2.8	3.9	16	<0.1	0.4	0.2	68	0.17	0.015
1014666	Soil	1.1	52.8	219.8	266	0.2	22.5	16.9	528	4.25	6.2	1.0	3.2	6.7	21	0.2	0.2	1.7	88	0.35	0.049
1014657	Soil	0.8	17.9	8.2	50	<0.1	18.8	10.9	325	2.89	7.5	0.5	2.9	3.1	19	<0.1	0.4	0.2	64	0.23	0.032
1014665	Soil	0.5	80.0	5.8	124	<0.1	18.0	24.4	715	4.60	1.2	0.6	0.6	1.8	24	0.1	<0.1	<0.1	129	0.47	0.072
1014656	Soil	0.9	15.4	7.5	62	<0.1	23.9	11.9	547	3.15	7.2	0.5	<0.5	3.8	19	0.1	0.4	0.1	56	0.16	0.029
1014668	Soil	1.4	17.2	12.9	68	0.1	11.0	5.2	220	2.11	5.3	0.7	7.6	3.6	19	0.3	0.3	0.1	50	0.24	0.018
1014654	Soil	0.3	23.9	5.8	83	<0.1	26.7	22.5	573	4.42	2.7	0.5	<0.5	2.6	37	<0.1	0.2	<0.1	99	0.42	0.030
1014667	Soil	1.2	34.8	13.3	110	<0.1	21.5	10.0	355	3.11	8.2	1.1	5.3	6.0	25	0.1	0.4	0.2	65	0.35	0.024
1055882	Soil	0.5	14.1	6.2	45	<0.1	6.3	13.2	383	4.13	3.0	0.3	<0.5	2.0	23	0.1	0.2	<0.1	88	0.43	0.101
1055883	Soil	1.3	15.3	9.5	60	0.1	19.3	9.2	394	3.17	10.8	0.5	<0.5	2.5	26	<0.1	0.5	0.2	81	0.27	0.088

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000598.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014651	Soil	10	39	0.78	236	0.108	<1	2.17	0.013	0.09	0.1	0.02	4.4	0.1	<0.05	6	0.5	<0.2
1014629	Soil	12	42	0.77	310	0.125	<1	2.23	0.014	0.11	0.1	0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1014611	Soil	10	31	1.05	245	0.174	1	2.38	0.014	0.32	<0.1	0.01	3.3	0.1	<0.05	8	<0.5	<0.2
1054197	Soil	7	29	0.74	170	0.113	<1	2.64	0.018	0.05	<0.1	0.03	4.4	<0.1	<0.05	6	<0.5	<0.2
1054198	Soil	5	25	1.22	250	0.288	<1	2.84	0.024	0.17	<0.1	<0.01	4.8	<0.1	<0.05	9	<0.5	<0.2
1054199	Soil	10	23	0.36	261	0.055	<1	1.37	0.010	0.05	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1014658	Soil	8	23	0.42	166	0.073	<1	1.50	0.010	0.06	0.1	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1014660	Soil	5	19	0.60	103	0.112	<1	1.62	0.008	0.09	0.1	0.02	1.7	<0.1	<0.05	7	<0.5	<0.2
1014653	Soil	6	26	0.73	216	0.112	<1	2.07	0.039	0.06	0.1	0.02	4.8	<0.1	<0.05	8	<0.5	<0.2
1014655	Soil	11	51	2.04	302	0.268	<1	2.69	0.020	0.60	<0.1	<0.01	3.4	0.2	<0.05	9	<0.5	<0.2
1014659	Soil	7	25	0.52	172	0.103	1	1.74	0.012	0.10	<0.1	0.01	2.2	0.1	<0.05	7	<0.5	<0.2
1014652	Soil	13	28	0.55	294	0.072	<1	1.62	0.012	0.06	0.1	0.02	3.5	0.1	<0.05	5	<0.5	<0.2
1062900	Soil	9	33	0.71	219	0.107	<1	2.00	0.014	0.08	0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1054200	Soil	6	27	1.50	406	0.280	<1	2.72	0.027	0.49	<0.1	<0.01	4.2	0.1	<0.05	9	<0.5	<0.2
1055881	Soil	7	28	0.78	178	0.120	<1	2.41	0.018	0.13	0.1	0.02	3.7	<0.1	<0.05	7	<0.5	<0.2
1062899	Soil	7	33	1.16	263	0.174	<1	2.58	0.016	0.20	<0.1	0.01	5.4	<0.1	<0.05	9	<0.5	<0.2
1014661	Soil	3	13	1.59	288	0.129	1	2.77	0.018	0.84	<0.1	0.01	7.8	0.5	0.29	8	0.6	0.4
1014663	Soil	2	21	1.87	199	0.233	1	2.80	0.010	0.91	0.2	<0.01	1.5	0.3	<0.05	8	<0.5	<0.2
1014662	Soil	4	13	1.65	281	0.137	<1	3.02	0.026	0.84	<0.1	0.01	7.4	0.4	0.39	8	<0.5	0.4
1014664	Soil	5	21	1.45	229	0.192	<1	2.18	0.011	0.76	0.2	<0.01	1.6	0.2	<0.05	6	<0.5	<0.2
1055880	Soil	10	33	0.44	194	0.067	1	1.81	0.012	0.04	0.1	0.02	3.4	0.1	<0.05	6	<0.5	<0.2
1014666	Soil	21	39	1.54	247	0.060	1	2.55	0.010	0.10	<0.1	0.02	6.1	<0.1	<0.05	9	0.6	<0.2
1014657	Soil	9	28	0.65	277	0.067	3	2.08	0.011	0.10	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1014665	Soil	5	35	1.90	947	0.253	2	2.81	0.030	0.95	<0.1	<0.01	5.4	0.2	<0.05	9	0.7	<0.2
1014656	Soil	6	33	0.77	267	0.038	<1	2.06	0.008	0.08	<0.1	0.02	2.6	<0.1	0.06	7	<0.5	<0.2
1014668	Soil	14	22	0.40	267	0.053	<1	1.38	0.010	0.05	<0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1014654	Soil	11	50	2.09	291	0.266	1	2.77	0.021	0.62	<0.1	<0.01	3.3	0.2	<0.05	9	<0.5	<0.2
1014667	Soil	20	41	0.73	352	0.089	2	2.01	0.017	0.07	<0.1	0.02	5.8	<0.1	<0.05	6	0.5	<0.2
1055882	Soil	6	13	0.71	176	0.047	<1	2.51	0.025	0.05	<0.1	<0.01	8.9	<0.1	<0.05	10	<0.5	<0.2
1055883	Soil	8	33	0.49	251	0.071	3	2.16	0.013	0.07	0.2	0.01	3.1	<0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000598.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014627	Soil	0.9	19.4	6.6	62	<0.1	18.8	11.4	331	3.32	6.4	0.6	2.7	4.4	24	<0.1	0.3	0.1	68	0.35	0.038
1014624	Soil	1.3	18.8	8.7	65	<0.1	16.6	12.6	509	3.53	7.0	0.6	<0.5	3.3	22	<0.1	0.3	0.2	86	0.29	0.040
1014615	Soil	1.0	23.9	7.1	52	<0.1	19.8	12.5	281	3.27	9.9	0.6	2.4	3.4	19	<0.1	0.4	0.2	72	0.19	0.027
1014626	Soil	1.6	20.5	7.4	65	<0.1	22.9	11.2	351	3.20	6.9	0.7	0.6	5.2	26	<0.1	0.3	0.2	68	0.39	0.034
1014612	Soil	0.9	16.1	8.6	38	<0.1	12.2	7.0	186	2.59	6.5	0.7	1.0	3.8	15	<0.1	0.3	0.2	69	0.16	0.036
1009117	Soil	0.6	9.7	4.3	78	<0.1	16.6	20.7	629	3.67	3.2	0.2	<0.5	2.4	43	<0.1	0.1	<0.1	74	0.47	0.028
1009118	Soil	1.0	13.1	6.8	104	<0.1	37.3	26.8	1098	6.39	7.4	0.7	5.0	5.3	26	<0.1	0.2	0.3	135	0.58	0.077
1015398	Soil	1.6	31.2	33.7	51	<0.1	24.8	9.3	360	2.92	9.4	1.8	5.7	15.8	21	0.1	0.6	0.6	66	0.22	0.013
1009115	Soil	0.8	60.8	6.4	155	<0.1	20.2	29.3	1284	7.22	5.1	0.5	2.3	7.1	38	<0.1	0.2	0.2	146	0.72	0.077
1015397	Soil	1.3	11.5	99.2	32	<0.1	7.8	3.3	275	1.17	5.2	2.1	2.2	22.3	11	<0.1	1.4	6.6	25	0.08	0.015
1009112	Soil	0.9	46.0	8.3	93	<0.1	27.8	17.9	674	4.68	6.9	0.7	2.6	6.2	41	<0.1	0.5	0.2	96	0.63	0.061
1009116	Soil	1.2	18.8	9.0	56	<0.1	21.1	11.4	473	3.29	8.8	0.5	1.8	3.1	26	<0.1	0.4	0.3	82	0.34	0.029
1009113	Soil	0.8	51.3	7.7	99	<0.1	25.8	18.6	929	4.91	6.9	0.8	3.4	8.3	34	<0.1	0.5	0.2	104	0.60	0.075
1009114	Soil	0.9	9.0	5.2	95	<0.1	16.6	23.6	1041	5.83	4.9	0.3	1.2	5.4	40	<0.1	0.2	<0.1	126	0.60	0.082
1015393	Soil	1.1	19.3	21.9	61	<0.1	22.9	10.7	313	3.50	10.7	1.2	0.7	12.8	15	<0.1	0.6	0.7	80	0.15	0.025
1015400	Soil	0.3	8.5	4.6	88	<0.1	14.6	22.9	1330	5.90	2.6	1.2	<0.5	15.3	41	<0.1	<0.1	<0.1	124	0.66	0.121
1009101	Soil	1.1	24.4	9.1	74	<0.1	21.3	14.5	435	4.16	9.2	0.7	1.2	5.3	19	<0.1	0.4	0.1	95	0.20	0.022
1009102	Soil	0.9	35.3	4.8	106	<0.1	27.9	29.6	942	6.62	4.9	0.7	<0.5	5.3	52	<0.1	0.3	<0.1	124	0.77	0.069
1009103	Soil	1.0	41.0	7.2	77	<0.1	12.1	17.7	1241	4.96	1.8	1.5	<0.5	15.1	16	0.2	0.2	0.2	40	0.30	0.037
1009104	Soil	1.2	47.0	6.2	78	<0.1	21.3	24.9	798	5.97	4.7	0.9	<0.5	3.9	53	<0.1	0.3	<0.1	124	0.83	0.046
1009105	Soil	0.9	108.6	5.8	71	<0.1	21.0	23.0	692	5.38	4.8	0.5	<0.5	4.2	38	<0.1	0.3	<0.1	112	0.64	0.029
1009106	Soil	1.0	43.7	8.0	60	<0.1	19.7	17.9	531	4.22	5.8	0.8	1.1	4.7	33	<0.1	0.4	<0.1	85	0.51	0.030
1009107	Soil	1.0	33.3	6.9	64	<0.1	23.2	17.1	483	4.24	6.7	0.6	1.0	3.8	36	<0.1	0.4	<0.1	97	0.56	0.022
1009109	Soil	1.2	39.8	6.4	82	<0.1	27.9	18.0	512	4.31	7.2	0.7	2.9	3.8	37	<0.1	0.4	0.1	90	0.57	0.029
1009108	Soil	0.3	19.3	3.6	73	<0.1	16.4	23.8	760	4.81	2.8	0.5	<0.5	3.1	32	<0.1	<0.1	<0.1	109	0.73	0.107
1009111	Soil	0.6	38.1	7.9	102	<0.1	33.0	19.3	689	5.09	4.2	0.8	<0.5	5.1	41	<0.1	0.2	<0.1	95	0.56	0.025
1009110	Soil	1.0	38.1	5.5	118	<0.1	41.1	24.1	1169	6.57	3.2	0.9	<0.5	13.0	30	<0.1	0.2	<0.1	103	0.47	0.055
1015387	Soil	1.1	9.1	56.0	82	<0.1	13.1	7.5	1491	2.97	3.2	13.6	<0.5	109.6	10	<0.1	0.3	2.1	43	0.17	0.052
1015388	Soil	0.6	8.6	52.6	92	<0.1	9.7	6.5	1723	2.82	1.6	19.0	<0.5	119.7	10	0.1	0.4	1.5	36	0.16	0.047
1015395	Soil	1.2	19.3	23.0	58	<0.1	21.2	10.1	372	3.39	8.6	1.8	1.1	15.8	15	<0.1	0.5	0.3	73	0.14	0.026

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Project: PED
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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014627	Soil	11	38	0.85	205	0.135	2	2.01	0.014	0.12	0.1	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1014624	Soil	10	37	0.72	228	0.138	1	1.99	0.013	0.16	0.1	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1014615	Soil	9	31	0.75	217	0.111	2	2.07	0.012	0.17	0.1	0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1014626	Soil	14	43	0.87	233	0.129	3	2.03	0.016	0.12	0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1014612	Soil	9	32	0.43	137	0.088	3	1.84	0.011	0.08	<0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1009117	Soil	3	25	1.72	190	0.233	1	2.78	0.010	0.42	<0.1	<0.01	1.7	0.1	<0.05	7	<0.5	<0.2
1009118	Soil	7	64	2.63	237	0.270	2	3.74	0.012	0.71	0.1	<0.01	5.4	0.3	0.08	12	0.5	<0.2
1015398	Soil	20	41	0.53	245	0.094	<1	1.86	0.021	0.08	0.2	0.04	6.4	0.1	<0.05	5	0.9	<0.2
1009115	Soil	15	39	3.11	400	0.383	<1	4.17	0.012	0.68	0.1	<0.01	5.0	0.2	<0.05	13	0.6	<0.2
1015397	Soil	18	14	0.15	109	0.005	1	1.20	0.007	0.09	<0.1	<0.01	1.4	0.2	<0.05	3	0.5	<0.2
1009112	Soil	16	43	1.30	321	0.163	1	2.63	0.019	0.20	0.1	0.02	5.5	0.1	<0.05	8	0.7	<0.2
1009116	Soil	9	38	0.64	241	0.096	2	2.20	0.012	0.05	0.1	0.01	3.3	0.1	<0.05	6	<0.5	<0.2
1009113	Soil	18	41	1.53	407	0.194	2	2.90	0.021	0.51	0.1	0.02	6.6	0.2	<0.05	8	0.7	<0.2
1009114	Soil	8	34	2.36	369	0.323	<1	3.55	0.011	0.89	<0.1	<0.01	3.2	0.2	<0.05	11	1.1	<0.2
1015393	Soil	10	40	0.53	178	0.067	1	2.70	0.010	0.08	0.2	<0.01	3.3	0.2	<0.05	6	1.0	<0.2
1015400	Soil	36	26	2.38	245	0.225	<1	3.00	0.010	0.46	0.1	<0.01	7.5	0.1	<0.05	11	0.8	<0.2
1009101	Soil	10	40	0.81	190	0.137	1	3.04	0.010	0.07	0.1	0.01	4.0	<0.1	<0.05	7	0.7	<0.2
1009102	Soil	19	45	2.00	331	0.336	<1	3.72	0.013	0.22	<0.1	<0.01	5.2	<0.1	<0.05	11	<0.5	<0.2
1009103	Soil	40	18	1.01	765	0.004	2	2.77	0.008	0.16	<0.1	<0.01	6.2	0.1	<0.05	5	0.7	<0.2
1009104	Soil	13	45	1.80	302	0.325	<1	3.58	0.018	0.13	<0.1	<0.01	6.8	<0.1	<0.05	10	<0.5	<0.2
1009105	Soil	12	41	1.72	307	0.251	<1	3.45	0.015	0.07	<0.1	<0.01	4.4	<0.1	<0.05	9	0.9	<0.2
1009106	Soil	13	39	1.10	224	0.147	<1	2.66	0.018	0.06	0.1	0.02	5.3	<0.1	<0.05	7	1.2	<0.2
1009107	Soil	12	42	1.03	298	0.221	1	2.68	0.018	0.06	0.1	<0.01	4.2	<0.1	<0.05	7	0.6	<0.2
1009109	Soil	10	51	1.13	136	0.176	2	2.98	0.013	0.07	<0.1	0.01	5.2	<0.1	<0.05	8	<0.5	<0.2
1009108	Soil	9	28	1.91	255	0.328	<1	2.94	0.017	0.59	<0.1	<0.01	3.1	0.2	<0.05	8	0.8	<0.2
1009111	Soil	16	102	1.58	145	0.207	<1	3.44	0.014	0.08	0.2	<0.01	5.6	<0.1	<0.05	10	0.7	<0.2
1009110	Soil	23	96	2.31	349	0.269	<1	3.91	0.012	0.77	0.1	<0.01	6.1	0.3	<0.05	11	0.7	<0.2
1015387	Soil	40	22	0.61	86	0.036	<1	1.91	0.011	0.21	0.3	<0.01	4.5	0.7	<0.05	9	1.2	<0.2
1015388	Soil	54	17	0.58	109	0.055	<1	1.64	0.013	0.29	0.5	<0.01	5.5	0.9	<0.05	9	0.9	<0.2
1015395	Soil	15	38	0.49	177	0.059	1	2.24	0.011	0.07	0.2	0.02	4.3	0.1	<0.05	7	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015390	Soil	0.9	9.3	51.6	52	<0.1	11.0	5.7	727	2.07	3.1	6.6	<0.5	63.1	8	<0.1	0.4	1.3	27	0.11	0.027
1015396	Soil	1.1	6.1	49.2	51	<0.1	7.4	11.6	1092	1.85	3.5	4.6	0.9	57.7	8	<0.1	0.2	1.1	20	0.13	0.064
1054387	Soil	0.4	7.9	24.5	41	<0.1	5.7	5.0	584	1.37	0.8	3.6	<0.5	33.7	12	<0.1	0.2	1.6	20	0.15	0.030
1054388	Soil	0.9	14.7	23.3	50	<0.1	11.9	7.7	665	2.16	2.6	4.0	3.8	30.7	12	<0.1	0.3	1.3	41	0.12	0.021
1054389	Soil	0.9	11.5	23.1	48	<0.1	10.0	5.9	596	1.90	2.2	4.2	2.2	33.0	13	<0.1	0.3	1.0	33	0.14	0.027
1054296	Soil	0.6	9.6	30.8	35	<0.1	5.0	3.3	618	1.25	2.0	5.7	0.9	46.3	9	<0.1	0.2	0.8	14	0.08	0.009
1054295	Soil	0.2	7.7	40.8	35	<0.1	4.0	3.3	691	1.21	0.6	5.0	<0.5	54.9	11	<0.1	0.3	0.6	9	0.15	0.023
1054294	Soil	0.5	7.8	56.1	46	<0.1	5.2	4.1	723	1.48	1.5	5.4	<0.5	57.0	8	<0.1	0.2	0.7	13	0.09	0.020
1054292	Soil	0.5	6.2	37.7	31	<0.1	4.5	3.1	573	1.03	<0.5	5.2	<0.5	32.0	6	<0.1	0.2	0.9	10	0.07	0.018
1054293	Soil	0.5	8.7	34.1	44	<0.1	6.8	4.3	547	1.48	0.8	4.9	0.6	36.8	9	<0.1	0.2	0.6	18	0.09	0.018
1054390	Soil	<0.1	2.6	19.0	19	<0.1	1.5	1.0	327	0.57	<0.5	4.2	<0.5	42.5	16	<0.1	<0.1	0.6	5	0.13	0.009
1054398	Soil	0.3	5.9	37.3	49	<0.1	3.9	3.2	908	1.31	<0.5	20.0	<0.5	60.7	12	<0.1	<0.1	7.1	15	0.14	0.030
1054192	Soil	0.4	6.2	55.2	43	<0.1	5.4	3.8	742	1.49	2.0	11.0	2.1	56.8	3	<0.1	0.2	10.2	23	0.08	0.034
1054298	Soil	0.3	3.2	43.0	40	<0.1	3.9	3.4	955	1.08	1.3	14.4	2.7	69.7	5	<0.1	0.1	2.6	13	0.09	0.036
1054297	Soil	0.6	9.0	23.4	57	<0.1	6.5	5.4	1212	1.76	2.9	9.6	2.6	49.3	7	<0.1	0.4	1.3	24	0.10	0.025
1054397	Soil	0.2	4.6	23.3	37	<0.1	4.6	2.3	523	1.07	0.8	19.1	<0.5	47.9	10	<0.1	0.1	1.2	13	0.11	0.015
1015394	Soil	0.8	5.8	39.3	18	<0.1	3.2	2.8	178	0.75	4.0	1.9	1.3	27.6	15	<0.1	1.1	0.8	7	0.09	0.006
1015399	Soil	0.5	35.1	5.9	69	<0.1	13.3	19.5	796	4.54	3.2	0.8	<0.5	6.0	95	<0.1	0.2	0.1	113	0.90	0.032
1015392	Soil	0.9	8.7	41.9	40	<0.1	7.9	3.7	459	1.45	5.6	3.9	1.5	38.2	7	<0.1	0.8	3.5	18	0.08	0.017
1015391	Soil	1.1	6.2	64.9	33	<0.1	7.2	3.7	567	1.27	4.0	2.7	2.8	25.6	7	<0.1	0.4	1.4	17	0.07	0.019
1015389	Soil	0.8	7.0	49.7	75	<0.1	9.7	6.6	1347	2.41	3.0	15.1	0.9	97.6	7	<0.1	0.4	2.6	38	0.19	0.085
1054393	Soil	0.2	4.5	33.6	31	<0.1	4.0	2.3	775	0.85	1.0	13.3	2.2	44.0	8	<0.1	0.1	0.8	11	0.08	0.012
1054289	Soil	0.4	6.3	40.7	45	<0.1	4.7	3.3	767	1.34	2.2	11.2	1.9	55.4	5	<0.1	0.1	0.6	19	0.05	0.021
1015386	Soil	1.0	12.1	30.1	74	<0.1	16.5	7.4	555	2.79	7.4	2.6	1.4	23.4	17	0.1	0.5	1.0	58	0.21	0.048
1054395	Soil	0.4	3.8	39.1	29	<0.1	4.5	3.2	684	0.95	2.1	12.0	<0.5	39.7	4	<0.1	0.1	0.4	13	0.05	0.031
1054291	Soil	0.3	4.4	37.8	28	<0.1	3.3	2.2	682	0.84	1.0	7.1	0.8	44.7	9	<0.1	0.1	1.2	8	0.09	0.017
1054288	Soil	0.6	7.6	35.4	61	<0.1	7.7	6.3	1058	2.04	2.9	11.7	6.7	63.6	7	<0.1	0.2	0.5	28	0.10	0.048
1054287	Soil	0.2	2.5	29.7	31	<0.1	2.5	1.8	509	0.92	<0.5	12.6	<0.5	54.3	9	<0.1	<0.1	0.5	11	0.09	0.012
1054290	Soil	0.2	4.2	35.7	30	<0.1	3.0	2.2	690	0.96	1.4	6.7	1.6	48.8	5	<0.1	<0.1	0.4	11	0.07	0.021
1054299	Soil	0.6	6.1	53.4	56	<0.1	5.3	3.4	941	1.70	2.4	40.7	<0.5	100.1	6	<0.1	0.3	4.6	23	0.07	0.020

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Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000598.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015390	Soil		25	17	0.36	75	0.011	<1	1.62	0.009	0.08	0.5	<0.01	2.8	0.2	<0.05	6	<0.5	<0.2
1015396	Soil		22	14	0.22	112	0.006	<1	1.22	0.009	0.11	0.3	<0.01	2.3	0.2	<0.05	4	<0.5	<0.2
1054387	Soil		18	9	0.36	163	0.007	<1	1.40	0.007	0.07	0.1	<0.01	2.3	0.2	<0.05	4	0.8	<0.2
1054388	Soil		26	23	0.38	102	0.039	<1	1.52	0.009	0.08	0.1	<0.01	4.1	0.2	<0.05	5	0.9	<0.2
1054389	Soil		24	18	0.33	131	0.020	<1	1.56	0.009	0.08	0.1	<0.01	2.4	0.2	<0.05	5	<0.5	<0.2
1054296	Soil		34	8	0.19	90	0.003	<1	1.33	0.008	0.09	0.2	<0.01	2.1	0.2	<0.05	4	<0.5	<0.2
1054295	Soil		42	5	0.18	124	<0.001	<1	1.10	0.007	0.09	0.3	<0.01	1.7	0.1	<0.05	3	<0.5	<0.2
1054294	Soil		38	8	0.23	89	<0.001	<1	1.40	0.009	0.09	0.2	<0.01	1.7	0.2	<0.05	5	<0.5	<0.2
1054292	Soil		11	7	0.18	78	0.002	<1	1.21	0.009	0.10	0.2	<0.01	0.9	0.2	<0.05	3	0.6	<0.2
1054293	Soil		17	11	0.25	102	0.004	<1	1.41	0.008	0.09	0.2	<0.01	1.5	0.2	<0.05	4	0.5	<0.2
1054390	Soil		18	3	0.09	70	0.005	<1	0.61	0.010	0.04	<0.1	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2
1054398	Soil		38	7	0.21	71	0.009	<1	0.92	0.008	0.13	<0.1	<0.01	2.1	0.2	<0.05	4	0.7	<0.2
1054192	Soil		28	13	0.30	34	0.016	2	0.92	0.009	0.08	0.2	<0.01	2.2	0.3	<0.05	5	0.6	<0.2
1054298	Soil		24	6	0.15	46	0.007	<1	0.73	0.005	0.08	0.3	<0.01	2.0	0.3	<0.05	3	0.6	<0.2
1054297	Soil		34	12	0.36	97	0.022	2	1.37	0.007	0.19	0.5	<0.01	3.4	0.7	<0.05	6	0.6	<0.2
1054397	Soil		23	7	0.17	82	0.016	2	0.56	0.007	0.09	<0.1	<0.01	1.9	0.2	<0.05	3	<0.5	<0.2
1015394	Soil		13	6	0.09	102	0.002	2	0.77	0.005	0.09	0.1	<0.01	1.3	0.2	<0.05	2	0.6	<0.2
1015399	Soil		8	28	1.64	239	0.221	2	3.84	0.022	0.08	0.2	0.02	6.8	<0.1	<0.05	11	0.9	<0.2
1015392	Soil		16	13	0.21	80	0.005	1	1.16	0.007	0.07	0.5	<0.01	2.0	0.2	<0.05	4	1.0	<0.2
1015391	Soil		10	10	0.23	75	0.003	1	1.20	0.019	0.07	0.6	<0.01	1.8	0.4	<0.05	4	<0.5	<0.2
1015389	Soil		45	17	0.52	65	0.052	1	1.59	0.013	0.22	0.4	0.02	3.9	0.7	<0.05	8	0.8	<0.2
1054393	Soil		21	5	0.14	67	0.007	<1	0.51	0.007	0.05	0.1	<0.01	1.8	0.2	<0.05	3	<0.5	<0.2
1054289	Soil		31	8	0.24	53	0.009	<1	1.22	0.008	0.05	0.1	<0.01	1.8	0.2	<0.05	5	<0.5	<0.2
1015386	Soil		11	26	0.47	140	0.033	2	2.16	0.010	0.08	0.2	0.02	2.4	0.2	<0.05	8	0.9	<0.2
1054395	Soil		21	7	0.11	47	0.006	<1	0.92	0.012	0.06	0.1	<0.01	1.3	<0.1	<0.05	3	0.9	<0.2
1054291	Soil		37	4	0.15	58	0.001	<1	0.72	0.006	0.06	0.1	<0.01	1.3	0.1	<0.05	2	0.8	<0.2
1054288	Soil		33	14	0.34	64	0.020	2	1.35	0.008	0.12	0.1	0.02	2.4	0.2	<0.05	6	0.9	<0.2
1054287	Soil		24	4	0.15	47	0.005	<1	0.54	0.005	0.08	<0.1	<0.01	1.4	0.2	<0.05	3	0.6	<0.2
1054290	Soil		36	6	0.20	49	0.003	<1	0.73	0.006	0.05	0.1	<0.01	1.4	0.2	<0.05	3	<0.5	<0.2
1054299	Soil		46	13	0.29	45	0.029	<1	0.94	0.009	0.15	0.7	<0.01	3.5	0.6	<0.05	5	0.6	<0.2

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Project: PED
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CERTIFICATE OF ANALYSIS WHI11000598.1

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055355	Soil	0.4	3.2	10.0	64	<0.1	3.7	8.4	1178	2.84	0.7	1.8	2.1	21.8	218	<0.1	<0.1	<0.1	27	0.58	0.073
1055354	Soil	0.2	5.4	10.2	40	<0.1	3.1	5.0	891	1.75	1.4	2.7	<0.5	21.7	14	<0.1	0.1	<0.1	24	0.30	0.063
1055353	Soil	0.5	12.5	6.9	81	<0.1	11.4	13.4	618	3.59	4.6	0.7	1.7	10.0	49	<0.1	0.2	<0.1	67	0.29	0.045
1054459	Soil	0.8	7.6	38.0	77	<0.1	11.0	14.3	1721	3.41	5.2	3.2	<0.5	48.6	6	<0.1	0.3	0.5	59	0.17	0.090
1055352	Soil	0.4	10.7	6.0	76	<0.1	5.5	9.9	829	3.28	1.5	1.2	<0.5	13.9	27	<0.1	0.1	<0.1	45	0.36	0.074
1055356	Soil	0.1	12.9	1.5	119	<0.1	26.2	26.1	774	3.20	0.6	0.2	<0.5	3.0	57	<0.1	<0.1	<0.1	82	0.61	0.097
1055357	Soil	0.3	13.4	1.5	119	<0.1	27.8	26.7	789	3.19	0.8	0.2	<0.5	3.0	60	<0.1	<0.1	<0.1	85	0.63	0.110
1055359	Soil	0.5	16.3	7.9	61	<0.1	15.2	9.4	434	3.06	6.0	1.1	2.3	13.6	42	<0.1	0.3	0.1	53	0.25	0.043
1055358	Soil	0.6	8.0	6.6	64	<0.1	5.3	9.6	661	3.01	1.9	1.4	<0.5	26.6	45	<0.1	0.2	0.1	34	0.24	0.051
1055730	Soil	0.3	2.4	3.4	56	<0.1	2.8	7.9	591	2.45	0.6	0.7	<0.5	13.6	57	<0.1	<0.1	<0.1	34	0.38	0.077
1010809	Soil	0.6	6.9	4.8	80	<0.1	9.1	12.8	664	3.46	3.4	0.5	2.3	9.1	154	<0.1	0.2	<0.1	56	0.25	0.048
1054455	Soil	0.4	7.7	32.0	41	<0.1	7.7	4.0	373	1.50	2.4	4.5	38.0	47.8	13	<0.1	0.2	0.4	22	0.21	0.039
1054457	Soil	0.8	14.6	22.4	37	<0.1	13.5	6.4	495	2.05	8.0	2.2	1.2	22.4	18	<0.1	0.5	0.3	42	0.15	0.022
1054453	Soil	0.9	18.8	18.6	47	<0.1	18.6	9.1	333	2.64	8.4	2.5	4.8	7.5	20	<0.1	0.4	0.3	65	0.22	0.026
1062700	Soil	0.1	3.4	46.3	58	<0.1	4.9	4.7	892	1.08	1.2	12.4	3.3	103.1	42	<0.1	0.1	1.0	10	0.27	0.049
1062688	Soil	0.4	4.7	34.1	24	<0.1	3.9	2.5	99	0.91	2.6	2.6	3.4	29.1	9	<0.1	0.4	1.5	9	0.11	0.009
1054458	Soil	0.6	4.1	45.8	41	<0.1	3.4	6.3	1465	1.52	5.2	2.0	1.6	29.2	4	<0.1	0.4	0.6	13	0.06	0.043
1054452	Soil	0.6	16.0	40.9	63	<0.1	16.9	8.5	766	2.73	6.0	3.5	3.1	58.1	17	<0.1	0.5	0.6	55	0.19	0.027
1054468	Soil	0.3	3.9	55.1	40	<0.1	4.4	3.8	933	1.35	1.0	5.4	1.3	67.1	5	<0.1	0.3	0.9	15	0.09	0.030
1054469	Soil	0.8	4.1	31.7	30	<0.1	5.6	5.5	616	1.40	4.3	2.4	2.1	36.0	9	<0.1	0.6	0.3	21	0.08	0.030
1054463	Soil	1.2	10.9	33.0	66	<0.1	14.7	10.9	884	3.08	10.1	1.9	1.3	30.8	8	0.1	0.6	0.6	58	0.10	0.054
1054467	Soil	0.3	5.4	64.1	47	<0.1	5.3	5.0	1136	1.66	1.3	5.7	1.1	75.5	4	<0.1	0.3	1.1	17	0.10	0.036
1054465	Soil	1.0	6.7	37.4	39	<0.1	9.1	6.0	432	2.18	7.2	3.0	0.6	28.4	7	<0.1	0.8	0.4	35	0.07	0.033
1054461	Soil	0.6	4.3	38.5	30	<0.1	5.7	2.4	227	1.20	4.5	1.6	0.5	34.8	8	<0.1	0.4	0.5	13	0.09	0.014
1062693	Soil	0.9	30.0	25.3	56	<0.1	24.2	9.0	478	3.01	9.3	5.2	5.0	31.6	21	<0.1	0.6	0.6	58	0.21	0.029
1054466	Soil	0.3	2.7	84.1	15	<0.1	3.3	2.8	113	0.76	1.9	1.7	0.5	23.8	10	<0.1	1.0	0.2	7	0.08	0.012
1062699	Soil	0.6	9.7	98.9	79	<0.1	11.8	8.3	1702	2.50	4.2	21.5	0.7	104.3	16	0.1	0.7	1.8	41	0.24	0.066
1054462	Soil	0.4	6.3	70.0	14	<0.1	5.9	2.6	112	0.80	2.9	1.5	1.9	14.4	17	<0.1	1.2	0.6	16	0.11	0.008
1054454	Soil	1.3	22.6	28.8	53	<0.1	26.8	9.2	421	2.62	7.8	3.2	2.3	24.6	16	0.1	0.5	0.3	55	0.18	0.026
1054464	Soil	0.7	9.7	29.0	41	<0.1	10.2	5.1	457	1.74	4.9	3.4	1.1	44.9	15	<0.1	0.5	0.3	27	0.16	0.032

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055355	Soil	42	7	0.57	573	0.009	<1	1.74	0.009	0.24	<0.1	<0.01	3.3	0.1	<0.05	6	1.1	<0.2
1055354	Soil	71	4	0.19	99	0.001	<1	0.80	0.003	0.14	<0.1	<0.01	6.3	0.1	<0.05	2	0.9	<0.2
1055353	Soil	17	20	0.91	219	0.173	1	2.45	0.013	0.52	<0.1	<0.01	2.6	0.3	<0.05	7	0.7	<0.2
1054459	Soil	27	22	0.79	82	0.093	<1	1.85	0.008	0.22	0.3	<0.01	5.2	0.9	<0.05	10	0.9	<0.2
1055352	Soil	32	9	0.97	140	0.061	1	1.81	0.009	0.17	<0.1	<0.01	2.8	0.1	<0.05	6	0.6	<0.2
1055356	Soil	25	58	2.68	208	0.204	<1	2.54	0.007	0.83	<0.1	<0.01	1.9	0.6	<0.05	4	<0.5	<0.2
1055357	Soil	25	59	2.76	219	0.203	<1	2.55	0.007	0.81	<0.1	<0.01	2.1	0.6	<0.05	5	<0.5	<0.2
1055359	Soil	27	24	0.60	268	0.070	1	2.08	0.012	0.17	0.1	0.02	4.2	0.2	<0.05	6	<0.5	<0.2
1055358	Soil	21	10	0.51	167	0.015	<1	1.99	0.007	0.14	<0.1	<0.01	3.0	0.1	<0.05	5	<0.5	<0.2
1055730	Soil	29	6	0.78	119	0.079	<1	1.51	0.007	0.36	<0.1	<0.01	1.5	0.2	<0.05	5	0.6	<0.2
1010809	Soil	10	15	0.91	194	0.167	2	2.52	0.009	0.56	<0.1	0.01	1.6	0.3	<0.05	7	0.7	<0.2
1054455	Soil	32	11	0.30	89	0.010	<1	1.00	0.007	0.07	0.2	<0.01	3.4	0.2	<0.05	4	0.6	<0.2
1054457	Soil	24	25	0.33	170	0.041	<1	1.27	0.015	0.08	0.2	0.02	4.0	0.1	<0.05	4	<0.5	<0.2
1054453	Soil	17	33	0.44	208	0.069	1	1.93	0.010	0.05	0.1	0.04	4.1	0.1	<0.05	6	0.5	<0.2
1062700	Soil	43	6	0.34	49	0.003	<1	0.90	0.007	0.06	0.2	<0.01	1.5	0.1	<0.05	3	<0.5	<0.2
1062688	Soil	15	6	0.19	52	0.001	<1	1.00	0.004	0.08	0.4	<0.01	1.1	0.3	<0.05	4	0.5	<0.2
1054458	Soil	11	7	0.08	66	0.001	1	1.01	0.004	0.08	0.3	<0.01	1.2	0.2	<0.05	3	<0.5	<0.2
1054452	Soil	42	31	0.62	145	0.060	2	1.99	0.012	0.06	0.3	0.02	5.0	0.2	<0.05	7	0.6	<0.2
1054468	Soil	36	7	0.26	54	0.014	<1	0.91	0.005	0.11	0.7	<0.01	2.7	0.6	<0.05	5	<0.5	<0.2
1054469	Soil	7	12	0.16	75	0.006	<1	0.83	0.003	0.08	0.3	<0.01	1.3	0.1	<0.05	3	<0.5	<0.2
1054463	Soil	12	24	0.52	139	0.034	1	2.29	0.007	0.16	0.5	<0.01	3.9	0.6	<0.05	8	0.5	<0.2
1054467	Soil	39	8	0.31	58	0.018	<1	1.16	0.005	0.13	0.7	<0.01	3.4	0.8	<0.05	6	<0.5	<0.2
1054465	Soil	5	15	0.20	98	0.010	<1	1.31	0.006	0.05	0.8	<0.01	1.8	0.2	<0.05	5	0.5	<0.2
1054461	Soil	6	10	0.12	72	0.002	<1	0.92	0.005	0.06	0.5	<0.01	1.4	0.2	<0.05	3	<0.5	<0.2
1062693	Soil	39	33	0.58	234	0.060	<1	1.98	0.010	0.06	0.2	0.04	6.4	0.2	<0.05	6	0.8	<0.2
1054466	Soil	16	5	0.09	64	0.001	<1	0.72	0.002	0.09	0.6	<0.01	0.9	0.1	<0.05	2	<0.5	<0.2
1062699	Soil	72	19	0.53	146	0.018	<1	1.33	0.008	0.05	0.4	<0.01	3.5	0.1	<0.05	7	0.7	<0.2
1054462	Soil	15	10	0.15	98	0.004	<1	0.70	0.003	0.06	0.5	0.02	1.2	0.1	<0.05	2	0.5	<0.2
1054454	Soil	19	31	0.45	191	0.031	<1	2.47	0.010	0.07	0.2	0.02	3.4	0.2	<0.05	6	<0.5	<0.2
1054464	Soil	38	17	0.24	132	0.015	<1	1.04	0.007	0.07	0.5	0.01	3.5	0.1	<0.05	4	0.6	<0.2

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Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000598.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054456	Soil	0.8	5.7	50.4	66	<0.1	8.2	12.9	1932	2.45	5.6	3.0	<0.5	46.7	6	<0.1	0.5	0.4	33	0.14	0.087
1062926	Soil	0.3	1.4	8.8	64	<0.1	3.1	9.3	810	3.20	0.5	1.5	<0.5	17.8	84	<0.1	<0.1	<0.1	46	0.54	0.092
1062924	Soil	0.3	39.7	11.8	94	<0.1	142.9	28.4	1176	4.50	1.0	2.0	1.1	19.7	30	0.1	0.2	0.3	95	0.70	0.136
1062928	Soil	0.4	3.4	5.7	70	<0.1	4.0	10.7	664	2.78	1.1	0.6	<0.5	14.8	430	<0.1	<0.1	<0.1	36	0.39	0.077
1062930	Soil	<0.1	2.7	3.4	95	<0.1	20.3	21.1	941	3.33	<0.5	0.4	<0.5	1.2	26	<0.1	<0.1	<0.1	66	0.44	0.089
1055729	Soil	0.3	2.5	3.5	60	<0.1	3.2	8.3	660	2.63	0.7	0.8	<0.5	14.3	69	<0.1	<0.1	<0.1	37	0.44	0.082
1055728	Soil	0.4	4.9	7.8	77	<0.1	4.5	11.4	659	3.53	1.1	0.7	<0.5	13.0	113	<0.1	0.2	<0.1	35	0.25	0.055
1010808	Soil	0.5	1.8	4.6	97	<0.1	3.5	13.5	1155	4.06	0.9	1.1	<0.5	16.2	260	<0.1	0.1	<0.1	48	0.42	0.096
1062927	Soil	0.3	1.6	9.0	66	<0.1	2.9	9.5	802	3.37	0.7	1.5	<0.5	18.7	84	<0.1	<0.1	<0.1	48	0.53	0.088
1062925	Soil	0.6	3.0	6.8	92	<0.1	3.9	13.4	978	3.40	0.9	0.7	<0.5	17.2	39	<0.1	<0.1	<0.1	39	0.35	0.069
1054209	Soil	1.0	13.1	19.5	53	0.1	18.1	7.5	227	3.29	10.3	0.7	1.4	3.2	12	0.2	0.6	0.2	64	0.14	0.035
1054210	Soil	0.9	18.3	32.7	63	<0.1	19.6	10.8	419	3.20	8.2	1.0	1.9	4.0	13	0.1	0.5	0.4	63	0.18	0.044
1054147	Soil	0.7	43.3	10.1	68	0.1	20.8	16.8	335	2.94	6.2	1.0	3.5	2.6	18	0.2	0.4	0.2	73	0.31	0.063
1054211	Soil	0.8	23.1	14.6	60	<0.1	20.7	10.6	402	2.78	8.1	1.1	2.3	3.9	16	0.2	0.5	0.2	60	0.24	0.042
1054149	Soil	0.6	44.8	8.0	66	0.1	24.6	13.7	315	3.02	5.7	0.7	1.4	2.9	25	<0.1	1.0	0.1	70	0.40	0.065
1054146	Soil	0.8	36.4	9.2	72	0.1	25.3	15.3	373	3.28	8.5	0.7	1.8	3.0	18	0.2	0.4	0.1	72	0.27	0.067
1054214	Soil	0.4	16.9	10.7	80	<0.1	8.3	11.4	653	3.20	8.5	0.7	5.6	6.5	14	<0.1	1.3	<0.1	47	0.28	0.109
1054148	Soil	0.4	36.7	6.2	79	<0.1	20.5	14.9	384	3.22	4.4	0.6	5.8	3.3	24	0.1	0.3	<0.1	81	0.40	0.071
1054212	Soil	0.6	13.0	9.9	92	<0.1	12.1	10.8	511	3.80	6.0	0.9	0.9	6.5	15	0.1	0.7	0.1	60	0.32	0.123
1054213	Soil	0.7	14.3	9.6	85	<0.1	12.9	10.9	501	3.53	6.3	0.8	1.1	5.7	14	0.1	0.7	0.1	57	0.28	0.108
1054150	Soil	0.6	53.0	11.8	68	0.1	32.9	18.8	477	3.38	4.6	0.6	2.8	3.0	26	0.1	1.5	0.1	89	0.53	0.075
1054207	Soil	1.1	31.6	8.7	45	<0.1	17.7	12.1	239	3.20	6.4	0.4	<0.5	1.6	16	0.1	0.5	0.1	75	0.20	0.033
1054142	Soil	2.0	47.4	33.1	108	0.9	21.9	12.9	574	3.60	59.2	5.2	7.4	3.4	34	0.4	0.9	0.4	59	0.85	0.087
1054143	Soil	1.3	47.0	3.1	95	0.5	18.8	4.8	2407	0.72	3.0	3.7	2.7	0.4	62	1.6	0.5	0.1	10	1.69	0.150
1054206	Soil	0.6	39.1	7.8	61	<0.1	21.2	12.0	272	2.77	6.3	0.7	2.4	3.0	25	<0.1	0.4	0.2	76	0.37	0.061
1054204	Soil	0.5	41.3	10.7	83	0.1	22.6	18.0	374	3.63	7.9	0.6	1.9	3.2	26	0.1	0.5	0.1	89	0.52	0.075
1054141	Soil	1.7	18.6	40.0	77	0.3	16.6	9.2	617	3.03	27.1	1.2	5.4	1.3	19	0.3	0.7	0.6	61	0.25	0.060
1054138	Soil	1.1	23.9	25.6	72	0.2	17.7	8.5	274	2.42	40.3	1.9	3.7	4.1	22	0.2	1.2	0.3	55	0.27	0.055
1062687	Soil	1.0	16.2	24.8	50	<0.1	18.7	8.2	302	2.66	10.9	1.6	<0.5	11.2	14	<0.1	0.7	1.5	62	0.12	0.019
1054136	Soil	0.9	26.8	10.8	86	0.1	17.5	12.7	543	3.29	8.2	1.4	1.9	2.7	22	<0.1	0.5	0.2	67	0.27	0.072

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Project: PED
Report Date: August 10, 2011

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054456	Soil	9	15	0.42	77	0.017	<1	1.83	0.007	0.19	0.7	<0.01	4.1	0.6	<0.05	6	<0.5	<0.2
1062926	Soil	58	5	0.90	109	0.056	<1	1.95	0.006	0.57	<0.1	<0.01	2.8	0.2	<0.05	6	0.6	<0.2
1062924	Soil	55	176	2.37	154	0.008	<1	2.77	0.006	0.05	<0.1	0.01	10.2	<0.1	<0.05	10	<0.5	<0.2
1062928	Soil	36	6	0.90	146	0.068	<1	1.96	0.009	0.32	<0.1	<0.01	1.1	0.2	<0.05	6	<0.5	<0.2
1062930	Soil	6	52	2.16	153	0.095	<1	2.31	0.004	0.61	<0.1	<0.01	2.6	0.3	<0.05	5	0.5	<0.2
1055729	Soil	32	6	0.86	128	0.080	<1	1.63	0.008	0.40	<0.1	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
1055728	Soil	29	8	0.94	163	0.038	1	1.91	0.005	0.19	<0.1	<0.01	1.6	0.1	<0.05	6	0.7	<0.2
1010808	Soil	33	8	1.17	266	0.045	<1	2.22	0.009	0.36	<0.1	<0.01	3.1	0.2	<0.05	8	0.5	<0.2
1062927	Soil	62	5	0.90	116	0.063	<1	2.03	0.007	0.58	<0.1	<0.01	2.9	0.3	<0.05	6	<0.5	<0.2
1062925	Soil	30	11	1.04	73	0.003	<1	2.30	0.005	0.06	<0.1	<0.01	1.6	<0.1	<0.05	7	<0.5	<0.2
1054209	Soil	9	33	0.46	101	0.052	<1	2.28	0.007	0.06	0.1	0.02	2.7	0.1	<0.05	6	0.5	<0.2
1054210	Soil	10	30	0.61	92	0.062	1	1.96	0.008	0.06	0.2	0.02	2.8	<0.1	<0.05	6	0.6	<0.2
1054147	Soil	13	32	0.83	222	0.100	<1	1.90	0.011	0.12	0.1	0.04	4.5	0.1	<0.05	6	0.8	<0.2
1054211	Soil	16	32	0.58	184	0.067	1	1.87	0.009	0.08	0.1	0.04	3.4	<0.1	<0.05	5	0.8	<0.2
1054149	Soil	13	33	0.73	213	0.074	2	1.86	0.014	0.07	0.1	0.04	5.8	<0.1	<0.05	6	<0.5	<0.2
1054146	Soil	10	37	0.81	160	0.116	<1	2.05	0.011	0.14	0.1	0.03	3.5	0.2	<0.05	6	0.7	<0.2
1054214	Soil	26	16	0.49	217	0.022	<1	1.74	0.007	0.08	0.1	0.02	3.8	<0.1	0.06	6	<0.5	<0.2
1054148	Soil	12	28	1.13	235	0.135	2	1.86	0.014	0.31	<0.1	0.02	5.4	0.2	<0.05	6	0.5	<0.2
1054212	Soil	14	25	0.67	151	0.047	1	2.27	0.007	0.12	0.1	0.01	3.6	0.1	0.06	8	0.6	<0.2
1054213	Soil	14	24	0.61	151	0.045	<1	2.18	0.006	0.11	0.1	0.02	3.4	0.1	<0.05	7	0.7	<0.2
1054150	Soil	12	47	0.98	194	0.054	2	1.98	0.014	0.08	0.2	0.04	6.7	<0.1	0.06	6	1.0	<0.2
1054207	Soil	5	27	0.57	115	0.086	<1	1.83	0.010	0.07	0.1	0.04	2.0	<0.1	0.11	6	<0.5	<0.2
1054142	Soil	39	28	0.65	186	0.056	2	1.80	0.015	0.13	0.2	0.12	5.9	0.2	0.17	5	1.3	<0.2
1054143	Soil	15	11	0.14	257	0.010	4	0.64	0.012	0.03	<0.1	0.18	1.4	<0.1	0.38	1	1.3	<0.2
1054206	Soil	11	29	0.75	222	0.108	3	1.94	0.019	0.09	0.1	0.04	5.0	0.1	0.14	5	<0.5	<0.2
1054204	Soil	12	34	0.95	303	0.083	2	2.09	0.016	0.17	<0.1	0.05	7.3	0.1	0.10	6	<0.5	<0.2
1054141	Soil	9	22	0.41	124	0.059	2	1.33	0.011	0.06	0.1	0.06	2.3	<0.1	0.16	5	<0.5	<0.2
1054138	Soil	13	26	0.58	141	0.103	3	1.56	0.014	0.11	0.2	0.07	3.1	0.2	0.13	5	<0.5	<0.2
1062687	Soil	8	31	0.47	130	0.058	2	2.04	0.011	0.08	0.2	0.02	3.2	0.2	<0.05	6	<0.5	<0.2
1054136	Soil	12	29	0.80	170	0.125	<1	1.98	0.012	0.17	0.2	0.07	3.1	0.2	0.11	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062864	Soil	0.5	27.3	12.5	90	0.2	25.0	14.2	701	2.86	4.2	0.8	4.6	3.4	25	0.1	0.3	0.1	66	0.45	0.079
1062862	Soil	1.7	22.1	86.3	69	0.4	20.3	8.3	582	2.70	14.6	2.5	4.2	4.6	25	0.4	0.6	0.8	57	0.29	0.054
1062863	Soil	1.3	23.8	13.5	58	0.2	20.8	9.6	323	2.46	7.1	1.7	3.1	4.5	25	0.3	0.4	0.2	41	0.37	0.072
1062861	Soil	1.0	26.9	27.9	56	0.3	21.4	10.1	369	2.70	8.5	1.6	4.5	1.6	21	0.3	0.5	0.4	67	0.28	0.056
1062860	Soil	1.0	34.8	10.8	74	0.1	24.7	11.8	315	2.83	6.3	2.3	4.5	9.2	22	0.1	0.4	0.2	63	0.33	0.074
1062859	Soil	1.0	30.8	11.3	67	0.1	23.2	12.0	380	2.94	6.6	1.6	1.8	6.6	22	0.2	0.4	0.2	66	0.29	0.065
1062858	Soil	0.8	25.2	12.2	60	0.1	24.0	12.3	405	2.84	6.2	1.7	4.2	12.8	20	0.2	0.4	0.1	63	0.27	0.050
1062857	Soil	1.1	28.2	8.8	76	<0.1	25.5	14.0	508	3.32	8.2	0.8	2.3	3.6	27	<0.1	0.4	0.2	74	0.39	0.083
1062867	Soil	0.7	67.1	5.7	75	<0.1	20.4	22.8	607	3.61	6.0	0.6	0.8	3.0	28	<0.1	0.3	0.1	78	0.52	0.151
1062865	Soil	0.7	33.6	8.1	61	0.2	28.8	14.5	475	2.64	6.6	0.6	2.5	2.7	42	0.1	0.4	0.1	68	0.52	0.075
1062866	Soil	0.7	55.1	9.1	60	0.3	17.3	11.6	1176	2.07	4.7	0.6	0.8	0.3	68	0.3	0.3	<0.1	48	2.26	0.146
1062868	Soil	0.7	39.0	7.2	60	<0.1	27.3	17.4	364	3.38	6.8	0.4	<0.5	1.6	21	0.1	0.3	0.1	89	0.42	0.073
1062870	Soil	0.5	26.1	8.6	57	<0.1	27.2	12.2	405	2.63	7.3	0.8	1.7	4.2	33	0.2	0.4	0.2	68	0.51	0.100
1062875	Soil	0.5	18.9	7.9	93	<0.1	17.9	13.1	809	2.64	5.8	0.7	2.6	3.0	29	0.2	0.3	0.2	60	0.60	0.097
1062877	Soil	0.3	24.2	10.7	92	0.3	22.7	13.4	460	3.13	5.2	1.1	6.0	3.7	23	0.1	0.3	0.2	70	0.38	0.074
1054394	Soil	0.5	8.2	30.9	45	<0.1	6.7	5.4	626	1.46	2.6	12.9	<0.5	43.7	7	<0.1	0.2	1.0	24	0.09	0.027
1054392	Soil	0.4	4.6	42.3	14	<0.1	2.3	1.2	561	0.53	<0.5	4.1	<0.5	38.2	13	<0.1	<0.1	0.5	5	0.11	0.006
1054391	Soil	<0.1	2.7	18.9	19	<0.1	1.5	1.1	316	0.55	<0.5	3.8	<0.5	38.1	12	<0.1	<0.1	0.8	6	0.12	0.007
1054195	Soil	0.7	13.5	46.9	63	<0.1	13.7	9.4	1084	2.43	3.7	6.1	2.1	56.7	11	<0.1	0.4	3.1	44	0.13	0.041
1054399	Soil	0.2	5.5	34.6	42	<0.1	3.5	2.4	996	1.21	<0.5	19.7	<0.5	65.3	11	<0.1	0.1	2.2	14	0.14	0.025
1054194	Soil	0.4	6.2	44.5	45	<0.1	6.3	3.8	840	1.43	1.4	9.8	2.9	69.1	5	<0.1	0.3	2.4	20	0.06	0.024
1054193	Soil	0.6	8.8	45.1	47	<0.1	10.5	5.6	558	1.79	3.8	5.4	<0.5	33.6	10	<0.1	0.3	3.4	35	0.10	0.015
1054191	Soil	0.4	4.7	65.6	47	<0.1	6.4	4.6	1078	1.67	1.4	20.1	0.7	91.6	7	<0.1	0.3	3.5	24	0.16	0.066
1054190	Soil	0.4	11.8	48.5	48	<0.1	11.8	6.0	606	1.81	3.2	15.7	2.1	47.3	16	<0.1	0.4	1.9	41	0.16	0.021
1054189	Soil	0.8	9.3	99.8	39	<0.1	9.1	4.1	607	1.42	3.9	4.8	1.4	28.0	9	<0.1	0.4	1.9	22	0.06	0.015
1054300	Soil	0.6	9.9	41.5	51	<0.1	10.6	6.0	686	1.96	4.4	15.4	2.5	52.0	8	<0.1	0.3	2.8	35	0.08	0.027
1054400	Soil	0.7	7.2	49.3	59	<0.1	6.1	5.2	1606	1.72	2.3	17.5	12.2	50.8	9	<0.1	0.3	1.2	21	0.10	0.040
1062692	Soil	0.6	13.1	45.3	46	<0.1	14.6	7.3	425	2.09	5.7	3.8	1.5	24.1	16	0.1	0.6	2.5	44	0.17	0.037
1054396	Soil	1.3	9.2	18.0	45	<0.1	9.2	6.8	709	2.24	6.7	7.0	1.1	16.1	9	<0.1	0.4	0.5	60	0.07	0.056
1062694	Soil	0.9	10.1	23.6	32	<0.1	7.8	3.4	242	1.57	3.9	2.8	1.9	4.8	13	0.1	0.4	0.6	39	0.11	0.038

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Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000598.1

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062864	Soil	13	37	1.00	259	0.159	<1	1.81	0.019	0.27	0.2	0.03	6.3	0.2	0.07	7	<0.5	<0.2
1062862	Soil	11	26	0.42	167	0.070	2	1.51	0.013	0.08	0.2	0.05	3.3	0.1	0.10	5	<0.5	<0.2
1062863	Soil	17	29	0.58	170	0.064	1	1.56	0.011	0.12	0.4	0.03	2.8	0.2	0.11	4	0.6	<0.2
1062861	Soil	16	31	0.49	218	0.066	2	1.94	0.011	0.07	0.1	0.06	3.4	0.1	0.10	6	<0.5	<0.2
1062860	Soil	32	37	0.76	162	0.104	<1	1.99	0.015	0.10	0.3	0.03	3.7	0.2	0.06	6	<0.5	<0.2
1062859	Soil	23	39	0.70	161	0.102	2	2.11	0.014	0.11	0.7	0.03	3.7	0.2	0.07	6	<0.5	<0.2
1062858	Soil	28	35	0.68	141	0.116	<1	2.02	0.016	0.11	0.3	0.03	3.1	0.2	<0.05	5	<0.5	<0.2
1062857	Soil	12	40	0.88	174	0.130	<1	2.19	0.014	0.18	0.1	0.03	3.8	0.2	0.06	6	<0.5	<0.2
1062867	Soil	11	27	1.05	176	0.110	1	2.05	0.016	0.25	0.2	0.02	3.6	0.2	0.08	6	<0.5	<0.2
1062865	Soil	9	37	0.75	186	0.108	2	1.76	0.026	0.07	0.3	0.03	3.7	<0.1	0.10	5	<0.5	<0.2
1062866	Soil	6	25	0.49	256	0.054	3	1.27	0.020	0.07	0.1	0.07	1.8	0.1	0.23	4	<0.5	<0.2
1062868	Soil	6	67	1.25	124	0.176	2	2.24	0.031	0.15	0.1	0.03	3.4	0.2	0.10	7	<0.5	<0.2
1062870	Soil	12	32	0.62	155	0.105	<1	1.54	0.022	0.09	0.4	0.03	3.6	<0.1	0.07	4	<0.5	<0.2
1062875	Soil	10	28	0.68	229	0.122	<1	1.59	0.016	0.16	0.3	0.04	4.6	0.2	0.06	5	<0.5	<0.2
1062877	Soil	17	37	0.95	210	0.160	1	2.01	0.016	0.25	0.3	0.06	6.0	0.2	0.10	7	<0.5	<0.2
1054394	Soil	16	12	0.22	68	0.028	<1	1.17	0.012	0.07	0.1	0.01	2.0	0.1	<0.05	4	<0.5	<0.2
1054392	Soil	12	3	0.10	69	<0.001	<1	0.67	0.012	0.10	<0.1	<0.01	1.1	0.2	<0.05	2	<0.5	<0.2
1054391	Soil	16	3	0.09	63	0.004	<1	0.58	0.016	0.04	<0.1	<0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
1054195	Soil	27	24	0.55	108	0.059	<1	1.72	0.018	0.14	0.2	0.02	4.6	0.6	<0.05	7	<0.5	<0.2
1054399	Soil	33	5	0.20	39	0.031	<1	0.60	0.016	0.06	<0.1	<0.01	2.8	0.2	<0.05	3	<0.5	<0.2
1054194	Soil	38	12	0.36	53	0.016	<1	1.01	0.008	0.06	0.3	0.01	3.2	0.2	<0.05	4	<0.5	<0.2
1054193	Soil	9	17	0.36	77	0.027	<1	1.51	0.015	0.07	0.2	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1054191	Soil	35	11	0.30	55	0.018	<1	1.18	0.010	0.16	0.4	<0.01	3.1	0.5	<0.05	5	<0.5	<0.2
1054190	Soil	30	21	0.43	106	0.066	<1	1.35	0.012	0.08	0.2	0.01	4.0	0.3	<0.05	5	<0.5	<0.2
1054189	Soil	11	16	0.25	79	0.010	<1	1.36	0.007	0.06	0.2	0.01	2.6	0.1	<0.05	4	<0.5	<0.2
1054300	Soil	17	19	0.34	80	0.042	<1	1.61	0.009	0.13	0.2	0.01	3.1	0.4	<0.05	5	<0.5	<0.2
1054400	Soil	22	12	0.24	77	0.007	<1	1.32	0.008	0.10	0.4	0.01	2.1	0.3	<0.05	5	<0.5	<0.2
1062692	Soil	17	22	0.41	127	0.035	<1	1.80	0.015	0.07	0.3	0.02	2.6	0.2	<0.05	5	<0.5	<0.2
1054396	Soil	11	19	0.26	78	0.051	<1	1.20	0.013	0.06	0.2	0.02	2.0	0.1	<0.05	7	<0.5	<0.2
1062694	Soil	11	16	0.25	100	0.035	<1	1.07	0.012	0.04	0.1	0.02	1.6	0.1	<0.05	6	<0.5	<0.2

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Project: PED
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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062878	Soil	0.4	29.2	9.3	89	0.2	24.4	13.9	565	2.79	4.4	0.7	3.4	3.0	24	0.2	0.2	0.2	60	0.50	0.082
1062879	Soil	0.6	32.8	15.1	90	0.6	22.7	13.5	632	3.04	6.1	1.6	3.7	1.6	27	0.1	0.3	0.3	70	0.41	0.097
1062880	Soil	0.7	32.4	18.0	90	0.3	22.1	15.7	569	3.33	6.8	1.0	3.4	3.3	29	0.1	0.4	0.2	68	0.39	0.073
1062881	Soil	0.7	32.6	11.0	86	0.2	18.9	14.0	440	3.27	4.9	0.8	2.1	2.3	29	0.1	0.3	0.1	71	0.42	0.074
1062882	Soil	0.7	28.3	8.9	82	0.1	15.1	12.6	397	3.05	5.0	0.6	2.2	2.0	25	<0.1	0.2	0.1	70	0.34	0.071
1062883	Soil	0.5	39.7	6.9	87	0.2	10.8	15.0	420	4.26	3.7	0.4	0.9	1.3	33	0.1	0.1	0.3	116	0.37	0.062
1062884	Soil	0.7	26.6	8.1	66	0.3	9.3	5.4	192	2.92	3.8	0.6	4.1	1.1	25	0.2	0.3	0.3	90	0.22	0.060
1062885	Soil	1.3	42.9	7.7	127	0.2	12.0	16.0	325	4.16	3.6	0.4	4.2	1.5	21	0.2	0.2	0.1	127	0.22	0.055
1062698	Soil	0.5	10.7	35.1	55	<0.1	9.6	5.0	637	1.86	4.6	6.6	3.9	89.3	17	<0.1	0.4	1.0	29	0.28	0.070
1062886	Soil	1.4	41.2	7.7	125	0.2	11.3	15.8	333	4.10	3.6	0.4	4.5	1.4	21	0.2	0.2	0.1	127	0.21	0.052
1062851	Soil	0.7	29.6	9.4	64	<0.1	22.2	11.8	357	2.81	5.6	0.8	4.1	3.7	28	<0.1	0.3	0.2	61	0.33	0.082
1054451	Soil	0.5	11.9	49.6	68	<0.1	16.7	10.1	930	2.51	5.1	3.3	2.2	49.2	9	0.1	0.4	0.8	41	0.14	0.050
1062697	Soil	1.1	7.5	32.4	63	<0.1	10.6	6.5	732	2.26	4.6	4.1	<0.5	44.1	10	<0.1	0.4	1.7	40	0.14	0.066
1054135	Soil	0.9	46.4	14.9	90	0.3	18.6	12.3	560	3.25	7.2	1.4	3.4	3.1	22	<0.1	0.4	0.6	65	0.37	0.088
1054139	Soil	0.9	20.3	11.6	60	0.1	18.1	10.2	355	2.74	22.2	1.4	2.9	3.1	23	0.1	0.7	0.2	52	0.21	0.051
1062874	Soil	0.5	24.2	9.4	89	0.4	21.4	14.3	560	3.21	5.4	1.0	5.8	2.9	21	0.2	0.3	0.2	67	0.39	0.089
1062876	Soil	1.0	23.3	12.9	60	0.6	15.2	16.5	877	2.60	4.6	1.0	4.9	1.1	23	0.3	0.3	0.1	54	0.32	0.109
1062856	Soil	0.9	37.9	7.7	81	0.1	23.2	17.6	563	3.62	6.4	0.6	3.9	3.3	25	0.1	0.3	0.2	74	0.41	0.123
1062873	Soil	1.0	20.6	8.0	69	0.6	15.8	8.7	369	2.68	4.2	0.8	3.1	1.0	23	0.2	0.2	0.2	60	0.35	0.085
1062855	Soil	0.6	37.2	6.4	80	<0.1	21.3	16.0	492	3.13	3.7	0.6	3.2	5.0	32	<0.1	0.2	0.1	63	0.50	0.120
1062869	Soil	0.7	18.8	8.6	60	0.2	21.4	20.4	1363	3.94	11.4	0.8	7.5	1.9	28	0.2	0.4	0.2	69	0.71	0.106
1062854	Soil	1.1	48.6	6.9	83	0.2	24.4	18.4	527	3.94	5.6	0.8	2.0	3.5	32	0.1	0.3	0.1	73	0.49	0.111
1062872	Soil	0.7	25.6	10.0	96	0.2	18.1	10.9	711	2.86	5.4	0.8	11.3	2.4	27	0.3	0.3	0.2	63	0.57	0.094
1062853	Soil	0.7	32.9	7.5	81	0.1	23.7	12.3	373	3.06	7.0	0.7	3.4	3.9	29	0.1	0.3	0.1	61	0.49	0.096
1062871	Soil	0.6	19.2	10.7	88	0.2	16.2	8.8	398	2.63	4.6	0.7	4.3	1.8	20	0.3	0.2	0.2	62	0.34	0.076
1062695	Soil	0.6	12.4	62.3	45	<0.1	10.8	5.5	825	1.72	6.4	4.8	2.6	72.4	16	<0.1	0.8	1.0	24	0.23	0.060
1062852	Soil	1.2	40.5	8.5	75	0.2	27.6	16.1	413	3.14	5.8	0.8	4.8	3.4	32	0.1	0.2	0.2	63	0.45	0.081
1054208	Soil	1.3	14.1	21.2	43	0.4	13.0	4.9	162	2.95	12.5	0.6	4.1	2.8	12	0.2	0.7	0.5	79	0.13	0.033
1054145	Soil	0.8	45.3	7.5	86	0.1	16.7	16.8	325	3.37	8.4	0.9	4.5	3.0	26	0.1	0.4	0.2	71	0.36	0.097
1054205	Soil	0.7	36.9	8.8	65	0.1	22.1	12.5	261	3.43	10.1	0.7	4.0	2.3	20	<0.1	0.5	0.2	81	0.32	0.059

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062878	Soil	12	36	1.01	254	0.131	2	1.95	0.012	0.21	0.3	0.03	6.9	0.3	<0.05	7	<0.5	<0.2
1062879	Soil	14	41	0.89	309	0.076	2	2.20	0.010	0.10	0.1	0.08	6.3	0.2	<0.05	8	0.8	<0.2
1062880	Soil	12	33	0.97	270	0.129	2	2.08	0.012	0.16	0.2	0.04	5.9	0.2	<0.05	7	<0.5	<0.2
1062881	Soil	9	29	0.92	263	0.143	<1	2.01	0.010	0.20	0.2	0.03	4.2	0.2	<0.05	6	0.6	<0.2
1062882	Soil	7	26	0.97	205	0.159	2	2.24	0.011	0.22	0.2	0.02	4.0	0.2	<0.05	6	<0.5	<0.2
1062883	Soil	5	19	1.11	328	0.222	<1	2.38	0.039	0.57	<0.1	0.01	5.0	0.2	0.27	7	0.9	<0.2
1062884	Soil	7	22	0.69	304	0.113	<1	1.74	0.013	0.14	<0.1	0.05	6.0	0.1	0.08	7	0.9	<0.2
1062885	Soil	6	23	1.11	291	0.193	<1	2.42	0.019	0.52	<0.1	0.03	6.2	0.2	0.08	7	1.3	<0.2
1062698	Soil	46	15	0.39	116	0.034	<1	1.24	0.009	0.19	0.4	0.02	5.5	0.6	<0.05	6	0.8	<0.2
1062886	Soil	6	24	1.13	294	0.203	<1	2.41	0.019	0.51	<0.1	0.02	6.6	0.2	0.09	7	1.6	<0.2
1062851	Soil	14	36	0.80	179	0.085	1	2.07	0.014	0.10	0.2	0.04	4.0	0.2	<0.05	6	<0.5	<0.2
1054451	Soil	18	23	0.52	95	0.035	<1	1.95	0.013	0.06	0.5	0.01	3.2	0.2	<0.05	6	0.6	<0.2
1062697	Soil	34	18	0.43	65	0.041	3	1.29	0.011	0.10	0.4	<0.01	3.5	0.3	<0.05	8	<0.5	<0.2
1054135	Soil	12	33	0.94	181	0.106	<1	2.10	0.012	0.21	0.1	0.06	3.7	0.2	<0.05	6	0.5	<0.2
1054139	Soil	14	22	0.56	101	0.079	2	1.61	0.009	0.09	0.2	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
1062874	Soil	16	36	0.90	201	0.131	<1	1.92	0.012	0.25	0.2	0.06	6.2	0.2	<0.05	7	0.6	<0.2
1062876	Soil	13	29	0.50	232	0.065	1	1.47	0.011	0.11	0.1	0.06	4.3	0.2	0.07	5	<0.5	<0.2
1062856	Soil	12	37	1.08	148	0.114	<1	2.40	0.009	0.23	0.2	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1062873	Soil	15	28	0.69	215	0.099	1	1.59	0.013	0.16	0.2	0.05	3.8	0.2	<0.05	6	<0.5	<0.2
1062855	Soil	13	43	1.32	144	0.142	1	1.96	0.014	0.41	0.2	0.01	2.9	0.3	<0.05	5	<0.5	<0.2
1062869	Soil	9	36	0.59	234	0.077	2	1.55	0.014	0.08	0.3	0.07	4.1	<0.1	<0.05	5	0.7	<0.2
1062854	Soil	15	43	1.32	224	0.143	1	2.49	0.011	0.39	0.2	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1062872	Soil	15	25	0.71	235	0.126	<1	1.68	0.011	0.17	0.3	0.03	5.4	0.2	<0.05	6	<0.5	<0.2
1062853	Soil	14	36	0.91	275	0.130	1	2.10	0.012	0.19	0.2	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1062871	Soil	10	28	0.63	180	0.124	<1	1.70	0.010	0.15	0.2	0.07	4.8	0.1	<0.05	7	<0.5	<0.2
1062695	Soil	38	15	0.25	149	0.012	<1	0.99	0.008	0.06	0.7	0.02	3.7	0.2	<0.05	4	0.7	<0.2
1062852	Soil	11	41	1.05	206	0.134	1	2.21	0.010	0.16	0.1	0.04	3.0	0.2	<0.05	6	<0.5	<0.2
1054208	Soil	8	29	0.26	100	0.046	<1	1.84	0.006	0.04	0.2	0.05	2.4	0.1	<0.05	7	<0.5	<0.2
1054145	Soil	11	26	0.92	220	0.131	<1	1.80	0.015	0.25	0.1	0.02	3.9	0.2	<0.05	5	0.6	<0.2
1054205	Soil	10	38	0.82	212	0.082	<1	2.09	0.012	0.11	0.1	0.05	5.0	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000598.1

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055351	Soil	<0.1	3.2	3.6	100	<0.1	19.9	20.2	853	3.16	0.7	0.5	2.0	1.3	35	<0.1	0.1	<0.1	63	0.53	0.112
1054144	Soil	1.0	77.5	13.9	114	0.2	14.6	24.2	305	3.39	10.8	1.3	9.2	4.4	20	0.3	0.6	0.2	70	0.34	0.099
1054202	Soil	0.6	33.0	6.4	57	<0.1	21.6	15.0	391	2.84	6.2	0.5	5.0	2.7	19	0.1	0.4	0.1	69	0.29	0.063
1054201	Soil	0.8	34.8	9.8	63	0.1	22.7	14.8	373	3.31	7.1	0.5	3.6	2.8	16	0.1	0.4	0.1	81	0.27	0.069
1054134	Soil	0.8	23.3	32.4	85	0.2	15.5	14.2	2488	3.51	10.3	2.0	5.5	3.7	17	0.2	0.6	0.5	64	0.33	0.083
1062686	Soil	1.2	16.7	36.6	59	<0.1	18.0	8.4	465	3.02	10.6	4.4	11.5	28.2	12	<0.1	0.6	1.6	66	0.12	0.029
1062690	Soil	0.5	9.0	59.8	45	<0.1	7.7	4.2	900	1.48	3.0	8.5	6.3	60.2	17	0.1	0.9	3.3	15	0.22	0.041
1062691	Soil	0.6	11.5	37.7	34	<0.1	8.9	4.0	459	1.51	4.2	4.3	<0.5	40.1	20	<0.1	0.8	1.8	24	0.18	0.023
1054460	Soil	0.5	11.9	41.0	63	<0.1	13.6	7.7	730	2.54	4.5	2.3	2.2	52.5	12	<0.1	0.3	0.5	49	0.14	0.023
1062929	Soil	0.2	1.4	5.7	63	<0.1	1.9	8.3	827	2.97	<0.5	1.7	<0.5	18.7	577	<0.1	<0.1	<0.1	50	0.48	0.101
1062696	Soil	1.3	8.8	30.1	64	<0.1	10.7	6.0	687	2.22	4.5	3.8	<0.5	39.5	4	<0.1	0.5	1.7	40	0.15	0.057
1062685	Soil	0.4	6.1	55.4	38	<0.1	5.1	4.3	738	1.38	3.3	6.5	<0.5	59.6	7	<0.1	0.5	2.8	16	0.06	0.022
1054140	Soil	1.2	24.2	13.5	64	0.4	17.7	11.7	382	3.19	35.6	1.2	2.0	2.0	19	0.2	0.7	0.3	63	0.26	0.051
1062689	Soil	0.6	14.5	24.8	42	<0.1	13.9	6.5	480	1.95	5.0	3.0	1.4	29.3	20	<0.1	0.5	0.8	38	0.21	0.027
1054133	Soil	1.6	16.6	20.0	29	0.1	8.3	3.0	115	1.91	8.0	0.6	<0.5	0.4	11	0.2	0.5	1.4	59	0.09	0.034
1054137	Soil	1.0	20.6	15.8	65	0.1	17.5	9.6	427	2.75	8.2	1.7	1.9	2.8	24	0.2	0.5	0.3	60	0.35	0.051
1055276	Soil	0.3	39.9	3.0	129	<0.1	22.4	13.8	919	4.15	2.8	0.6	<0.5	3.7	30	0.2	0.2	<0.1	82	0.56	0.098
1055277	Soil	0.4	29.0	4.0	82	<0.1	14.4	11.8	776	3.99	4.0	0.6	<0.5	3.2	31	<0.1	0.2	<0.1	71	0.45	0.105
1055278	Soil	0.2	34.3	2.1	98	<0.1	15.2	13.3	986	4.64	2.4	0.3	<0.5	1.1	33	<0.1	0.1	<0.1	74	0.74	0.190
1055268	Soil	0.3	47.1	4.9	62	<0.1	15.4	14.5	538	3.67	5.4	0.4	<0.5	2.1	40	<0.1	0.2	<0.1	91	0.43	0.072
1055263	Soil	0.5	44.4	5.6	65	<0.1	26.1	17.8	461	4.08	6.6	0.4	1.0	2.2	22	0.1	0.2	<0.1	118	0.29	0.031
1009161	Soil	0.9	13.6	7.6	43	<0.1	13.3	6.8	217	2.65	7.8	0.5	<0.5	2.5	27	<0.1	0.3	0.1	79	0.29	0.040
1015443	Soil	0.6	26.3	6.5	65	<0.1	12.3	19.4	1215	3.92	1.1	0.7	<0.5	5.2	24	0.1	<0.1	<0.1	52	0.35	0.055
1009163	Soil	0.5	25.1	7.8	56	<0.1	18.8	13.6	578	3.22	3.8	0.7	<0.5	4.3	32	<0.1	0.2	<0.1	59	0.52	0.056
1009162	Soil	0.7	16.5	7.7	57	<0.1	19.1	12.0	455	3.32	6.7	0.5	1.1	2.7	28	0.1	0.3	<0.1	79	0.31	0.044
1009164	Soil	0.6	25.6	8.1	56	<0.1	18.3	13.9	632	3.24	4.2	0.7	<0.5	4.4	33	<0.1	0.2	<0.1	61	0.51	0.055
1015448	Soil	<0.1	22.5	1.3	51	<0.1	138.9	21.8	458	3.08	1.9	0.2	<0.5	2.8	30	<0.1	<0.1	<0.1	75	0.82	0.177
1009160	Soil	0.8	17.6	8.1	46	<0.1	17.2	9.1	245	2.76	7.5	0.5	0.8	2.1	28	<0.1	0.3	0.1	76	0.33	0.026
1009159	Soil	0.7	31.3	6.7	50	<0.1	25.0	11.8	332	3.22	10.0	1.1	0.5	5.5	32	<0.1	0.4	<0.1	76	0.31	0.020
1009158	Soil	0.8	27.4	6.8	58	<0.1	22.6	13.0	388	3.20	7.8	0.8	2.4	4.9	42	<0.1	0.4	<0.1	78	0.43	0.025

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Project: PED
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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055351	Soil	6	47	2.10	159	0.104	<1	2.34	0.004	0.63	<0.1	<0.01	3.2	0.3	<0.05	5	<0.5	<0.2
1054144	Soil	13	21	0.88	165	0.121	<1	1.84	0.014	0.13	0.2	0.03	4.8	0.2	<0.05	5	0.6	<0.2
1054202	Soil	10	29	0.68	139	0.081	<1	1.79	0.013	0.06	0.1	0.02	3.9	0.1	<0.05	5	0.7	<0.2
1054201	Soil	8	34	0.76	125	0.087	1	2.10	0.012	0.07	0.2	0.05	3.8	<0.1	<0.05	6	<0.5	<0.2
1054134	Soil	11	27	0.74	274	0.080	<1	1.93	0.011	0.11	0.2	0.06	3.8	0.2	<0.05	6	0.8	<0.2
1062686	Soil	12	34	0.51	136	0.048	<1	2.37	0.010	0.09	0.2	0.01	3.5	0.2	<0.05	7	<0.5	<0.2
1062690	Soil	35	9	0.25	162	0.004	1	0.94	0.007	0.07	0.9	0.02	3.0	0.2	<0.05	4	<0.5	<0.2
1062691	Soil	20	14	0.28	161	0.012	<1	0.97	0.008	0.07	0.2	0.03	3.1	0.2	<0.05	3	0.8	<0.2
1054460	Soil	20	24	0.62	93	0.079	<1	1.94	0.009	0.10	0.3	0.01	4.2	0.5	<0.05	7	0.6	<0.2
1062929	Soil	32	4	0.90	223	0.105	<1	2.04	0.013	0.91	<0.1	0.01	4.1	0.4	0.06	7	<0.5	<0.2
1062696	Soil	34	19	0.41	67	0.041	<1	1.32	0.009	0.10	0.4	0.02	3.7	0.3	<0.05	8	<0.5	<0.2
1062685	Soil	20	9	0.23	56	0.009	<1	1.10	0.007	0.11	0.3	<0.01	2.7	0.4	<0.05	5	<0.5	<0.2
1054140	Soil	10	27	0.63	99	0.082	1	1.88	0.012	0.07	0.2	0.05	3.1	0.1	0.07	6	0.5	<0.2
1062689	Soil	17	22	0.40	161	0.032	<1	1.37	0.010	0.06	0.4	0.02	2.9	0.2	<0.05	4	<0.5	<0.2
1054133	Soil	9	21	0.16	73	0.032	1	1.18	0.006	0.03	0.1	0.05	1.1	0.1	0.08	6	<0.5	<0.2
1054137	Soil	10	32	0.76	155	0.104	<1	1.46	0.015	0.12	0.2	0.04	3.3	0.1	0.07	5	<0.5	<0.2
1055276	Soil	13	43	1.46	265	0.205	<1	2.45	0.016	0.38	<0.1	0.01	8.8	0.1	<0.05	9	0.7	<0.2
1055277	Soil	12	23	1.23	236	0.167	<1	2.30	0.015	0.29	<0.1	0.03	7.5	<0.1	<0.05	9	0.8	<0.2
1055278	Soil	4	31	1.32	269	0.230	<1	2.41	0.011	0.48	<0.1	0.02	4.2	0.2	<0.05	10	<0.5	<0.2
1055268	Soil	8	25	1.02	258	0.176	<1	2.23	0.021	0.11	<0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1055263	Soil	7	38	1.36	240	0.214	<1	3.32	0.015	0.08	<0.1	0.03	4.4	<0.1	<0.05	8	0.6	<0.2
1009161	Soil	10	29	0.46	162	0.112	<1	1.84	0.011	0.06	0.1	0.02	3.3	<0.1	<0.05	8	<0.5	<0.2
1015443	Soil	19	21	1.58	122	0.034	<1	2.24	0.009	0.15	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1009163	Soil	12	31	1.04	161	0.074	<1	2.27	0.013	0.09	0.2	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1009162	Soil	10	37	0.75	133	0.129	<1	2.23	0.013	0.05	0.2	0.02	3.4	<0.1	<0.05	7	<0.5	<0.2
1009164	Soil	13	33	1.07	164	0.084	<1	2.30	0.013	0.09	0.2	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1015448	Soil	6	291	2.35	106	0.203	<1	2.30	0.017	0.35	<0.1	<0.01	2.6	0.3	<0.05	7	<0.5	<0.2
1009160	Soil	10	26	0.49	226	0.100	<1	2.25	0.014	0.05	0.1	0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1009159	Soil	19	41	0.75	251	0.115	<1	2.62	0.017	0.05	0.1	0.04	5.6	0.2	<0.05	6	<0.5	<0.2
1009158	Soil	19	43	0.86	322	0.125	<1	2.46	0.020	0.05	0.1	0.02	5.3	0.1	<0.05	7	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1009157	Soil	0.5	24.5	23.1	64	<0.1	12.6	20.7	735	4.74	4.2	1.4	1.0	7.6	88	<0.1	0.2	<0.1	91	0.88	0.048
1009156	Soil	1.1	30.2	7.5	69	<0.1	21.8	16.8	670	4.24	6.7	0.6	<0.5	4.4	60	<0.1	0.4	<0.1	96	0.71	0.045
1009155	Soil	0.5	32.3	7.3	70	<0.1	13.1	23.6	858	5.28	4.2	1.1	<0.5	5.0	90	<0.1	0.3	<0.1	126	0.82	0.028
1015444	Soil	0.2	38.1	5.3	91	<0.1	209.4	37.8	1094	6.82	3.9	3.5	<0.5	18.2	28	<0.1	<0.1	<0.1	174	0.83	0.158
1055777	Soil	0.5	21.0	6.9	51	<0.1	15.4	10.2	303	2.50	6.2	1.0	0.6	2.6	41	0.1	0.4	0.1	57	0.61	0.060
1010803	Soil	0.5	18.6	6.4	51	<0.1	17.8	10.1	293	2.83	5.4	0.6	1.3	4.0	25	<0.1	0.3	<0.1	69	0.31	0.034
1010831	Soil	0.6	18.4	7.2	53	<0.1	17.9	11.0	398	2.87	6.3	0.4	<0.5	4.1	30	<0.1	0.3	<0.1	69	0.34	0.051
1015431	Soil	0.6	6.2	42.2	41	<0.1	7.6	4.4	580	1.57	3.8	3.9	<0.5	55.3	10	<0.1	0.4	0.5	20	0.12	0.026
1009154	Soil	1.1	13.0	4.2	99	<0.1	9.5	28.0	1010	5.52	3.0	0.3	<0.5	5.7	61	<0.1	0.1	<0.1	127	0.78	0.049
1009153	Soil	0.9	11.7	11.0	36	0.1	26.8	14.2	719	4.66	3.7	2.2	<0.5	20.8	66	<0.1	0.2	<0.1	76	4.28	0.040
1009151	Soil	0.7	23.3	9.6	77	<0.1	16.3	21.9	1275	5.42	3.9	1.4	<0.5	14.4	39	<0.1	0.2	<0.1	102	0.80	0.073
1009152	Soil	0.8	13.9	6.6	89	<0.1	17.8	21.1	901	5.27	6.4	0.5	<0.5	5.6	38	0.1	0.3	<0.1	115	0.47	0.037
1015450	Soil	1.0	41.5	13.2	133	<0.1	15.5	24.5	1416	5.82	0.5	1.8	6.4	16.5	17	0.3	0.1	0.3	110	0.44	0.076
1015449	Soil	0.2	53.2	3.6	98	<0.1	52.8	38.0	1496	8.48	0.7	1.5	1.6	4.7	29	<0.1	0.1	0.2	157	1.25	0.380
1015447	Soil	0.7	36.7	3.8	79	<0.1	48.4	28.5	723	5.20	1.6	0.4	0.6	4.8	36	<0.1	<0.1	<0.1	126	0.55	0.097
1015446	Soil	0.4	13.9	4.1	75	<0.1	14.7	23.1	745	4.48	2.4	0.3	1.2	10.2	40	<0.1	0.1	<0.1	103	0.64	0.102
1015445	Soil	0.3	39.1	4.8	98	<0.1	26.2	31.4	1073	6.19	2.9	0.6	0.7	11.0	79	<0.1	0.1	<0.1	137	1.00	0.089
1055767	Soil	0.5	23.2	6.5	57	<0.1	19.1	13.4	458	2.95	4.7	0.7	2.1	4.8	23	<0.1	0.3	<0.1	64	0.33	0.027
1055763	Soil	0.5	40.2	9.2	87	<0.1	19.6	18.9	751	4.17	4.4	0.8	2.3	5.3	38	0.1	0.2	0.1	89	0.46	0.053
1055781	Soil	0.7	18.0	7.1	58	<0.1	16.9	12.1	523	2.37	5.5	0.9	2.5	2.0	38	0.2	0.3	0.1	57	0.67	0.067
1010807	Soil	1.0	16.8	10.6	53	<0.1	14.7	10.0	420	3.06	7.2	0.4	2.3	2.7	18	0.1	0.3	0.2	75	0.21	0.054
1055778	Soil	0.6	16.0	6.6	53	<0.1	16.0	9.4	362	2.22	5.4	0.8	4.9	1.8	41	0.2	0.3	0.1	54	0.74	0.066
1055776	Soil	0.5	19.8	7.1	54	<0.1	17.3	10.9	411	2.36	5.2	1.0	2.5	2.3	39	0.2	0.3	0.1	55	0.69	0.060
1055769	Soil	0.6	25.8	8.9	63	<0.1	19.6	10.9	339	3.00	5.2	1.1	1.9	5.1	30	0.1	0.3	0.1	76	0.43	0.037
1055771	Soil	0.6	29.9	9.3	63	0.1	18.8	10.2	316	3.01	4.9	1.2	1.6	4.6	29	0.1	0.3	0.2	69	0.45	0.048
1010802	Soil	0.6	21.4	7.8	58	<0.1	21.1	11.2	336	2.99	6.7	0.8	3.3	4.3	27	<0.1	0.4	0.1	70	0.36	0.037
1055770	Soil	0.6	22.0	9.4	59	<0.1	18.7	11.2	297	3.13	5.8	0.8	1.8	4.4	26	<0.1	0.3	0.2	76	0.37	0.034
1055772	Soil	0.6	22.1	7.9	59	<0.1	18.8	10.9	348	2.86	5.4	1.0	2.8	4.2	30	0.1	0.3	0.1	67	0.49	0.044
1055768	Soil	0.9	29.0	9.2	51	0.1	19.1	10.2	311	2.72	5.9	0.9	5.5	2.3	31	0.3	0.3	0.2	60	0.38	0.046
1055269	Soil	0.7	26.3	9.0	51	<0.1	22.1	11.2	352	3.14	8.8	0.8	2.6	2.8	26	<0.1	0.4	0.2	77	0.27	0.034

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Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000598.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1009157	Soil	18	30	1.83	201	0.108	<1	3.30	0.010	0.07	0.8	<0.01	6.3	<0.1	<0.05	9	0.7	<0.2
1009156	Soil	11	44	1.31	275	0.183	<1	3.01	0.013	0.07	0.1	<0.01	4.2	<0.1	<0.05	9	<0.5	<0.2
1009155	Soil	11	36	1.82	225	0.222	<1	3.50	0.013	0.06	0.2	0.01	10.1	<0.1	<0.05	11	0.6	<0.2
1015444	Soil	47	605	5.70	235	0.381	<1	4.74	0.013	0.22	<0.1	0.01	17.4	0.1	<0.05	17	0.8	<0.2
1055777	Soil	13	12	0.48	240	0.080	1	1.69	0.022	0.05	0.2	0.05	3.5	<0.1	<0.05	5	0.5	<0.2
1010803	Soil	11	37	0.76	139	0.096	<1	2.26	0.012	0.04	<0.1	0.03	3.7	<0.1	0.06	7	0.5	<0.2
1010831	Soil	11	34	0.79	148	0.091	<1	2.09	0.014	0.05	0.1	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
1015431	Soil	36	13	0.23	88	0.012	<1	1.10	0.008	0.10	0.3	0.02	3.4	0.3	<0.05	5	<0.5	<0.2
1009154	Soil	5	19	2.30	205	0.217	<1	3.37	0.025	0.06	<0.1	0.01	10.4	<0.1	<0.05	8	<0.5	<0.2
1009153	Soil	30	61	0.78	967	0.010	<1	1.79	0.009	0.19	<0.1	0.05	7.1	<0.1	0.05	5	<0.5	<0.2
1009151	Soil	44	30	1.75	261	0.005	<1	3.41	0.008	0.16	<0.1	0.03	15.6	<0.1	<0.05	11	1.1	<0.2
1009152	Soil	10	37	1.57	238	0.083	<1	3.18	0.012	0.08	<0.1	0.03	6.4	<0.1	<0.05	11	<0.5	<0.2
1015450	Soil	48	34	1.91	452	0.003	<1	3.03	0.006	0.13	0.1	0.04	12.0	<0.1	<0.05	10	0.6	<0.2
1015449	Soil	34	111	2.14	618	0.094	<1	3.44	0.007	0.30	<0.1	0.03	22.6	0.1	<0.05	13	1.1	<0.2
1015447	Soil	9	136	2.52	192	0.351	<1	3.40	0.015	0.72	0.1	0.02	3.6	0.2	<0.05	10	<0.5	<0.2
1015446	Soil	14	22	1.82	225	0.318	1	2.91	0.012	0.85	<0.1	0.01	1.5	0.3	<0.05	8	<0.5	<0.2
1015445	Soil	29	56	2.85	168	0.411	<1	4.31	0.013	0.18	<0.1	0.01	2.8	<0.1	<0.05	13	0.7	<0.2
1055767	Soil	14	32	0.93	201	0.068	<1	1.87	0.011	0.04	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1055763	Soil	18	33	1.48	237	0.192	<1	2.61	0.013	0.23	0.1	0.03	4.0	0.1	<0.05	8	<0.5	<0.2
1055781	Soil	11	28	0.61	193	0.061	1	1.56	0.019	0.05	0.1	0.04	3.0	<0.1	<0.05	5	0.7	<0.2
1010807	Soil	10	29	0.61	179	0.052	<1	2.16	0.009	0.05	<0.1	0.03	2.8	<0.1	<0.05	8	<0.5	<0.2
1055778	Soil	11	28	0.57	208	0.062	<1	1.47	0.018	0.04	0.2	0.05	2.9	<0.1	<0.05	5	0.6	<0.2
1055776	Soil	12	29	0.64	241	0.065	<1	1.66	0.016	0.04	0.1	0.04	3.3	<0.1	<0.05	5	0.7	<0.2
1055769	Soil	20	38	0.78	197	0.092	<1	2.21	0.012	0.04	<0.1	0.04	4.5	<0.1	<0.05	7	<0.5	<0.2
1055771	Soil	17	37	0.69	230	0.084	<1	2.29	0.013	0.05	0.1	0.04	4.6	<0.1	<0.05	7	0.7	<0.2
1010802	Soil	12	39	0.81	206	0.084	<1	2.27	0.012	0.04	0.1	0.03	3.6	<0.1	<0.05	6	<0.5	<0.2
1055770	Soil	13	37	0.74	206	0.089	<1	2.37	0.012	0.04	<0.1	0.02	4.1	<0.1	<0.05	7	0.5	<0.2
1055772	Soil	15	35	0.71	232	0.083	<1	2.01	0.014	0.05	0.1	0.04	3.9	<0.1	<0.05	6	0.8	<0.2
1055768	Soil	12	34	0.54	224	0.070	<1	2.14	0.012	0.05	0.1	0.04	3.3	<0.1	<0.05	7	0.7	<0.2
1055269	Soil	13	39	0.68	240	0.091	<1	2.27	0.013	0.05	0.1	0.04	4.5	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 10, 2011

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014298	Soil	1.0	23.3	7.8	65	0.1	17.3	13.0	408	3.04	5.6	1.3	3.3	5.6	31	<0.1	0.3	0.1	69	0.44	0.048
1014299	Soil	1.0	26.9	9.2	78	0.1	18.3	15.6	631	3.76	5.8	2.0	2.5	9.2	35	0.1	0.3	0.1	74	0.53	0.059
1014297	Soil	1.0	26.0	7.9	68	<0.1	17.2	12.6	476	3.26	6.0	1.0	4.9	5.5	27	0.1	0.3	0.2	75	0.42	0.050
1014300	Soil	0.9	29.8	9.0	73	<0.1	22.5	11.7	490	3.20	6.9	1.6	1.8	7.4	32	<0.1	0.3	0.1	67	0.44	0.038
1015401	Soil	0.8	23.7	7.5	95	<0.1	23.1	16.9	509	4.10	4.9	1.0	1.7	6.6	32	0.1	0.2	<0.1	85	0.55	0.060
1015402	Soil	0.7	26.0	4.9	100	<0.1	12.6	18.7	700	4.47	2.1	0.8	<0.5	4.4	24	0.1	0.1	<0.1	94	0.45	0.091
1015403	Soil	0.7	22.2	5.7	95	0.2	14.6	17.2	667	4.47	2.8	0.9	<0.5	4.3	28	0.1	0.1	<0.1	92	0.56	0.093
1015405	Soil	0.7	21.0	5.8	56	0.1	16.8	13.4	494	3.09	5.9	0.9	3.3	5.5	27	<0.1	0.3	0.1	67	0.40	0.056
1015404	Soil	0.9	26.8	7.9	142	<0.1	12.4	20.3	733	5.25	3.4	1.1	<0.5	7.1	29	0.1	0.2	<0.1	91	0.59	0.096
1015406	Soil	0.7	18.5	5.8	56	<0.1	17.2	13.4	396	3.26	6.1	0.6	3.0	6.4	24	<0.1	0.3	<0.1	67	0.36	0.054
1015407	Soil	0.9	21.5	6.5	51	0.1	17.0	12.2	527	2.94	6.9	0.7	9.7	4.5	26	<0.1	0.3	0.1	63	0.37	0.054
1015408	Soil	0.8	33.4	6.1	52	<0.1	19.3	13.4	414	3.15	6.4	1.0	3.1	6.2	26	<0.1	0.3	<0.1	69	0.40	0.049
1055765	Soil	0.6	23.2	7.5	53	<0.1	23.0	12.9	387	3.48	5.5	0.6	1.0	4.8	22	<0.1	0.2	0.1	72	0.39	0.032
1055774	Soil	0.7	18.9	7.1	59	<0.1	17.9	11.6	338	2.82	5.8	0.8	2.0	3.8	26	<0.1	0.3	0.1	69	0.41	0.052
1055773	Soil	0.6	23.8	7.8	59	<0.1	19.7	11.5	414	2.77	5.7	1.2	3.9	3.8	31	<0.1	0.3	0.2	66	0.46	0.048
1010801	Soil	0.6	22.1	7.9	59	<0.1	22.0	11.3	360	2.89	6.6	0.9	2.6	4.9	27	<0.1	0.4	0.2	71	0.35	0.038
1015421	Soil	0.9	22.2	6.5	54	<0.1	18.0	10.8	441	2.54	6.5	1.2	2.3	3.6	42	<0.1	0.3	0.1	56	0.79	0.060
1015425	Soil	0.8	26.8	6.7	57	<0.1	20.9	13.0	634	2.85	6.2	1.1	1.3	5.0	33	0.1	0.4	0.1	59	0.61	0.055
1015426	Soil	0.7	23.3	5.0	85	<0.1	18.3	16.7	626	4.16	5.6	1.0	1.8	4.9	27	<0.1	0.3	<0.1	70	0.53	0.101
1015427	Soil	0.7	15.2	6.1	80	<0.1	17.9	16.7	804	4.68	4.7	1.4	3.1	7.8	19	<0.1	0.3	<0.1	43	0.34	0.067
1015424	Soil	0.8	28.3	6.6	73	<0.1	22.2	15.0	546	3.56	8.2	1.0	2.8	5.4	30	<0.1	0.4	0.1	67	0.46	0.046
1015423	Soil	0.8	12.1	3.8	140	<0.1	16.9	18.9	801	4.99	4.4	0.6	<0.5	6.4	62	<0.1	0.2	<0.1	76	0.54	0.103
1015428	Soil	0.8	14.8	6.0	82	<0.1	16.3	16.7	854	4.96	3.9	1.4	0.7	7.9	19	<0.1	0.3	<0.1	43	0.34	0.081
1015429	Soil	0.7	29.4	6.9	87	0.1	32.4	17.3	785	4.07	7.1	0.7	3.3	5.9	27	<0.1	0.5	<0.1	69	0.47	0.055
1015430	Soil	0.8	20.8	7.2	71	0.1	23.8	15.5	594	3.78	8.4	0.8	2.4	5.3	25	<0.1	0.4	0.1	71	0.40	0.036
1015410	Soil	0.9	32.6	6.8	56	<0.1	23.3	11.1	382	2.69	6.6	1.5	2.4	5.5	35	0.2	0.6	0.1	55	0.60	0.049
1015411	Soil	0.7	23.9	6.6	56	<0.1	19.2	10.8	401	2.76	6.2	1.0	1.8	6.0	34	<0.1	0.4	<0.1	56	0.61	0.046
1015412	Soil	0.6	24.5	6.1	78	<0.1	17.8	14.9	633	4.23	5.3	1.3	1.6	11.4	24	<0.1	0.2	<0.1	73	0.46	0.068
1015413	Soil	0.9	24.5	3.1	90	<0.1	16.4	19.9	718	4.95	4.2	0.5	0.9	4.6	23	<0.1	0.2	<0.1	101	0.45	0.085
1015414	Soil	0.9	25.5	7.5	66	<0.1	26.0	12.9	440	3.45	9.7	1.2	3.9	7.5	27	<0.1	0.6	0.1	73	0.39	0.035

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014298	Soil	18	30	0.69	228	0.107	<1	1.76	0.014	0.13	<0.1	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1014299	Soil	31	35	0.89	211	0.124	<1	2.15	0.015	0.17	<0.1	0.04	4.6	0.1	<0.05	7	0.6	<0.2
1014297	Soil	17	32	0.75	230	0.106	<1	1.77	0.015	0.11	0.1	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
1014300	Soil	27	35	0.70	224	0.113	<1	1.91	0.016	0.11	0.1	0.03	4.5	<0.1	<0.05	6	<0.5	<0.2
1015401	Soil	16	50	1.03	160	0.151	<1	2.01	0.016	0.18	<0.1	0.02	3.1	<0.1	<0.05	8	<0.5	<0.2
1015402	Soil	16	22	1.41	285	0.273	<1	2.34	0.015	1.10	<0.1	0.02	2.1	0.4	<0.05	9	<0.5	<0.2
1015403	Soil	14	30	1.34	255	0.250	<1	2.28	0.015	1.03	<0.1	0.03	2.5	0.4	<0.05	8	<0.5	<0.2
1015405	Soil	20	28	0.83	239	0.157	<1	1.77	0.015	0.40	0.1	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
1015404	Soil	18	24	1.17	248	0.174	<1	2.33	0.014	0.50	<0.1	0.01	2.2	0.1	<0.05	11	<0.5	<0.2
1015406	Soil	14	29	0.82	199	0.154	<1	1.79	0.014	0.44	0.2	0.01	2.6	0.2	<0.05	6	<0.5	<0.2
1015407	Soil	13	30	0.64	245	0.121	<1	1.62	0.013	0.28	0.1	0.02	2.7	0.1	<0.05	5	0.5	<0.2
1015408	Soil	17	29	0.87	234	0.159	1	1.74	0.017	0.41	0.1	0.03	3.8	0.2	<0.05	6	<0.5	<0.2
1055765	Soil	15	37	0.91	299	0.040	<1	2.57	0.010	0.07	0.1	0.02	5.3	<0.1	<0.05	6	<0.5	<0.2
1055774	Soil	13	33	0.75	205	0.082	<1	2.11	0.013	0.05	0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1055773	Soil	14	36	0.70	243	0.082	<1	1.99	0.014	0.04	0.2	0.04	4.1	<0.1	<0.05	6	0.6	<0.2
1010801	Soil	16	39	0.79	242	0.095	<1	2.17	0.014	0.04	0.1	0.03	4.2	<0.1	<0.05	6	0.5	<0.2
1015421	Soil	13	29	0.61	249	0.096	<1	1.47	0.020	0.14	0.2	0.03	2.9	<0.1	0.05	4	<0.5	<0.2
1015425	Soil	18	32	0.72	302	0.111	<1	1.63	0.015	0.32	0.2	0.03	3.5	0.1	<0.05	5	<0.5	<0.2
1015426	Soil	15	29	1.19	343	0.192	<1	2.06	0.016	0.68	<0.1	0.02	3.4	0.2	<0.05	7	<0.5	<0.2
1015427	Soil	24	18	0.98	462	0.046	<1	1.97	0.008	0.42	0.1	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1015424	Soil	14	34	1.04	290	0.171	<1	1.92	0.018	0.53	0.1	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1015423	Soil	9	40	1.47	362	0.298	<1	2.40	0.016	1.35	<0.1	0.01	2.8	0.2	<0.05	9	<0.5	<0.2
1015428	Soil	23	16	1.01	451	0.046	<1	2.03	0.008	0.45	0.1	0.01	3.0	0.1	<0.05	7	<0.5	<0.2
1015429	Soil	22	73	1.28	398	0.186	<1	2.21	0.018	0.67	0.2	0.03	4.1	0.2	<0.05	7	<0.5	<0.2
1015430	Soil	17	35	0.96	389	0.187	1	2.06	0.013	0.70	0.1	<0.01	3.9	0.2	<0.05	6	<0.5	<0.2
1015410	Soil	15	29	0.68	236	0.123	<1	1.51	0.021	0.19	0.2	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1015411	Soil	15	28	0.74	243	0.140	<1	1.59	0.018	0.27	0.2	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1015412	Soil	21	26	1.33	236	0.242	<1	2.17	0.017	0.79	0.2	<0.01	5.6	0.3	<0.05	8	<0.5	<0.2
1015413	Soil	4	39	2.00	256	0.349	<1	2.92	0.014	1.64	<0.1	<0.01	2.1	0.5	<0.05	10	<0.5	<0.2
1015414	Soil	26	39	0.91	248	0.157	1	1.97	0.019	0.27	0.2	0.02	4.9	0.1	<0.05	6	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000598.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1014663	Soil	0.3	27.4	3.5	78	<0.1	14.5	16.8	670	3.60	1.4	0.3	<0.5	1.7	15	<0.1	<0.1	<0.1	79	0.21	0.041
REP 1014663	QC	0.3	27.8	3.4	81	<0.1	15.2	17.0	666	3.64	1.4	0.3	<0.5	1.7	15	<0.1	<0.1	<0.1	79	0.21	0.040
1014612	Soil	0.9	16.1	8.6	38	<0.1	12.2	7.0	186	2.59	6.5	0.7	1.0	3.8	15	<0.1	0.3	0.2	69	0.16	0.036
REP 1014612	QC	0.9	16.4	8.5	40	<0.1	12.5	7.2	182	2.57	6.8	0.6	1.1	3.6	15	<0.1	0.3	0.2	67	0.17	0.037
1009101	Soil	1.1	24.4	9.1	74	<0.1	21.3	14.5	435	4.16	9.2	0.7	1.2	5.3	19	<0.1	0.4	0.1	95	0.20	0.022
REP 1009101	QC	1.0	24.2	8.8	73	<0.1	22.2	15.2	433	4.08	8.6	0.7	0.7	5.1	20	0.1	0.4	0.1	96	0.21	0.023
1015390	Soil	0.9	9.3	51.6	52	<0.1	11.0	5.7	727	2.07	3.1	6.6	<0.5	63.1	8	<0.1	0.4	1.3	27	0.11	0.027
REP 1015390	QC	0.8	9.6	51.2	55	<0.1	11.0	5.6	753	2.39	2.8	6.6	<0.5	64.4	8	<0.1	0.4	1.3	30	0.11	0.028
1054395	Soil	0.4	3.8	39.1	29	<0.1	4.5	3.2	684	0.95	2.1	12.0	<0.5	39.7	4	<0.1	0.1	0.4	13	0.05	0.031
REP 1054395	QC	0.4	3.6	37.3	28	<0.1	3.7	2.9	657	0.93	1.7	12.4	<0.5	39.0	4	<0.1	0.1	0.4	13	0.05	0.030
1054457	Soil	0.8	14.6	22.4	37	<0.1	13.5	6.4	495	2.05	8.0	2.2	1.2	22.4	18	<0.1	0.5	0.3	42	0.15	0.022
REP 1054457	QC	0.9	14.2	24.2	38	<0.1	13.2	6.3	510	2.10	8.7	2.3	2.7	23.4	18	<0.1	0.5	0.3	43	0.18	0.025
1054463	Soil	1.2	10.9	33.0	66	<0.1	14.7	10.9	884	3.08	10.1	1.9	1.3	30.8	8	0.1	0.6	0.6	58	0.10	0.054
REP 1054463	QC	1.1	10.4	31.0	66	<0.1	14.6	11.3	855	3.04	9.4	2.0	2.2	32.6	8	0.1	0.5	0.6	55	0.11	0.058
1054146	Soil	0.8	36.4	9.2	72	0.1	25.3	15.3	373	3.28	8.5	0.7	1.8	3.0	18	0.2	0.4	0.1	72	0.27	0.067
REP 1054146	QC	0.7	35.0	8.9	65	0.2	22.3	14.3	344	2.97	7.9	0.7	2.2	2.9	16	0.2	0.4	0.1	70	0.26	0.065
1062857	Soil	1.1	28.2	8.8	76	<0.1	25.5	14.0	508	3.32	8.2	0.8	2.3	3.6	27	<0.1	0.4	0.2	74	0.39	0.083
REP 1062857	QC	1.1	28.2	9.0	76	0.1	24.7	14.1	499	3.28	8.5	0.7	2.6	3.6	26	0.1	0.4	0.2	70	0.37	0.083
1062877	Soil	0.3	24.2	10.7	92	0.3	22.7	13.4	460	3.13	5.2	1.1	6.0	3.7	23	0.1	0.3	0.2	70	0.38	0.074
REP 1062877	QC	0.4	24.4	10.3	90	0.3	22.3	13.1	447	3.10	5.0	1.1	7.6	3.7	24	0.2	0.3	0.1	71	0.40	0.076
1054139	Soil	0.9	20.3	11.6	60	0.1	18.1	10.2	355	2.74	22.2	1.4	2.9	3.1	23	0.1	0.7	0.2	52	0.21	0.051
REP 1054139	QC	1.0	20.5	11.8	63	0.1	17.7	10.7	370	2.87	22.6	1.5	6.6	3.3	23	<0.1	0.7	0.2	55	0.22	0.051
1054145	Soil	0.8	45.3	7.5	86	0.1	16.7	16.8	325	3.37	8.4	0.9	4.5	3.0	26	0.1	0.4	0.2	71	0.36	0.097
REP 1054145	QC	0.7	44.7	7.7	84	0.2	16.7	17.7	348	3.55	8.6	0.9	7.4	3.0	26	0.2	0.4	0.2	74	0.37	0.098
1054137	Soil	1.0	20.6	15.8	65	0.1	17.5	9.6	427	2.75	8.2	1.7	1.9	2.8	24	0.2	0.5	0.3	60	0.35	0.051
REP 1054137	QC	0.9	19.4	15.6	61	0.1	16.7	9.1	399	2.61	7.6	1.7	2.2	2.6	22	0.1	0.4	0.3	58	0.32	0.050
1009155	Soil	0.5	32.3	7.3	70	<0.1	13.1	23.6	858	5.28	4.2	1.1	<0.5	5.0	90	<0.1	0.3	<0.1	126	0.82	0.028
REP 1009155	QC	0.5	32.7	7.1	70	<0.1	13.4	24.3	863	5.46	4.4	1.2	<0.5	5.2	89	<0.1	0.3	<0.1	129	0.79	0.027

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Project: PED
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000598.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1014663	Soil	2	21	1.87	199	0.233	1	2.80	0.010	0.91	0.2	<0.01	1.5	0.3	<0.05	8	<0.5	<0.2
REP 1014663	QC	2	21	1.80	190	0.239	<1	2.75	0.010	0.92	0.2	<0.01	1.6	0.2	<0.05	8	<0.5	<0.2
1014612	Soil	9	32	0.43	137	0.088	3	1.84	0.011	0.08	<0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
REP 1014612	QC	9	32	0.41	132	0.095	2	1.79	0.012	0.08	<0.1	0.01	3.1	<0.1	<0.05	8	<0.5	<0.2
1009101	Soil	10	40	0.81	190	0.137	1	3.04	0.010	0.07	0.1	0.01	4.0	<0.1	<0.05	7	0.7	<0.2
REP 1009101	QC	11	39	0.78	186	0.138	2	2.91	0.010	0.07	0.1	<0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1015390	Soil	25	17	0.36	75	0.011	<1	1.62	0.009	0.08	0.5	<0.01	2.8	0.2	<0.05	6	<0.5	<0.2
REP 1015390	QC	25	19	0.36	71	0.010	<1	1.65	0.009	0.08	0.5	<0.01	2.8	0.2	<0.05	6	0.6	<0.2
1054395	Soil	21	7	0.11	47	0.006	<1	0.92	0.012	0.06	0.1	<0.01	1.3	<0.1	<0.05	3	0.9	<0.2
REP 1054395	QC	21	7	0.11	44	0.006	<1	0.86	0.008	0.05	0.2	<0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1054457	Soil	24	25	0.33	170	0.041	<1	1.27	0.015	0.08	0.2	0.02	4.0	0.1	<0.05	4	<0.5	<0.2
REP 1054457	QC	25	24	0.33	174	0.044	<1	1.32	0.010	0.07	0.2	0.02	3.8	0.1	<0.05	4	0.8	<0.2
1054463	Soil	12	24	0.52	139	0.034	1	2.29	0.007	0.16	0.5	<0.01	3.9	0.6	<0.05	8	0.5	<0.2
REP 1054463	QC	13	23	0.53	134	0.035	<1	2.36	0.008	0.16	0.5	0.01	4.1	0.6	<0.05	8	0.7	<0.2
1054146	Soil	10	37	0.81	160	0.116	<1	2.05	0.011	0.14	0.1	0.03	3.5	0.2	<0.05	6	0.7	<0.2
REP 1054146	QC	9	35	0.78	150	0.104	<1	2.06	0.010	0.13	0.2	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1062857	Soil	12	40	0.88	174	0.130	<1	2.19	0.014	0.18	0.1	0.03	3.8	0.2	0.06	6	<0.5	<0.2
REP 1062857	QC	11	37	0.86	167	0.117	1	2.10	0.012	0.18	0.1	0.03	3.6	0.1	0.06	6	<0.5	<0.2
1062877	Soil	17	37	0.95	210	0.160	1	2.01	0.016	0.25	0.3	0.06	6.0	0.2	0.10	7	<0.5	<0.2
REP 1062877	QC	17	36	0.95	212	0.167	2	2.02	0.017	0.27	0.3	0.05	6.0	0.2	0.08	6	<0.5	<0.2
1054139	Soil	14	22	0.56	101	0.079	2	1.61	0.009	0.09	0.2	0.04	2.5	0.2	<0.05	4	<0.5	<0.2
REP 1054139	QC	14	23	0.59	102	0.077	1	1.65	0.010	0.09	0.3	0.04	2.7	0.1	<0.05	4	1.0	<0.2
1054145	Soil	11	26	0.92	220	0.131	<1	1.80	0.015	0.25	0.1	0.02	3.9	0.2	<0.05	5	0.6	<0.2
REP 1054145	QC	10	26	0.93	222	0.134	<1	1.83	0.014	0.26	<0.1	0.02	3.9	0.2	<0.05	5	0.5	<0.2
1054137	Soil	10	32	0.76	155	0.104	<1	1.46	0.015	0.12	0.2	0.04	3.3	0.1	0.07	5	<0.5	<0.2
REP 1054137	QC	10	30	0.72	150	0.096	<1	1.37	0.015	0.12	0.3	0.04	3.0	0.1	0.07	5	0.7	<0.2
1009155	Soil	11	36	1.82	225	0.222	<1	3.50	0.013	0.06	0.2	0.01	10.1	<0.1	<0.05	11	0.6	<0.2
REP 1009155	QC	11	37	1.84	225	0.230	<1	3.52	0.011	0.06	0.2	0.01	10.5	<0.1	<0.05	11	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000598.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1055269	Soil	0.7	26.3	9.0	51	<0.1	22.1	11.2	352	3.14	8.8	0.8	2.6	2.8	26	<0.1	0.4	0.2	77	0.27	0.034
REP 1055269	QC	0.8	25.9	8.6	52	<0.1	21.8	11.2	353	3.08	8.4	0.8	3.5	2.8	25	<0.1	0.3	0.1	76	0.28	0.032
1014299	Soil	1.0	26.9	9.2	78	0.1	18.3	15.6	631	3.76	5.8	2.0	2.5	9.2	35	0.1	0.3	0.1	74	0.53	0.059
REP 1014299	QC	1.1	27.2	9.0	81	0.1	18.4	15.5	621	3.66	6.0	2.0	2.8	8.9	36	<0.1	0.3	0.1	74	0.52	0.057
Reference Materials																					
STD DS8	Standard	13.2	107.2	128.4	323	1.8	38.5	7.4	592	2.46	27.1	2.8	116.7	6.9	62	2.2	5.3	6.3	43	0.70	0.084
STD DS8	Standard	13.3	111.6	125.7	314	1.7	40.7	7.4	610	2.51	24.7	2.7	98.4	6.7	65	2.0	5.0	6.5	42	0.68	0.076
STD DS8	Standard	12.7	112.1	126.2	309	1.7	38.1	7.3	601	2.37	26.9	2.6	106.9	6.6	64	2.4	5.4	6.4	41	0.67	0.085
STD DS8	Standard	13.5	110.6	121.3	312	1.7	37.7	7.6	614	2.50	27.5	2.7	97.2	7.2	69	2.4	5.9	6.4	42	0.65	0.081
STD DS8	Standard	13.6	110.7	116.7	308	1.8	37.1	7.3	590	2.38	26.6	2.8	106.4	7.1	70	2.4	5.4	6.4	42	0.69	0.077
STD DS8	Standard	12.8	111.5	124.4	297	1.8	38.7	7.8	601	2.42	26.1	2.7	107.4	6.8	65	2.3	5.2	6.9	44	0.69	0.082
STD DS8	Standard	13.4	112.3	130.9	313	1.7	38.4	7.7	597	2.42	27.2	2.9	118.6	7.5	75	2.3	5.5	6.7	44	0.72	0.081
STD DS8	Standard	13.4	110.6	121.1	306	1.8	37.9	8.1	589	2.39	25.0	2.7	104.1	6.5	63	2.3	5.9	6.3	41	0.67	0.078
STD DS8	Standard	13.6	109.6	127.8	305	1.8	38.4	7.4	616	2.76	24.9	3.1	115.5	7.9	62	2.4	5.0	5.6	43	0.73	0.077
STD DS8	Standard	13.7	112.8	131.3	325	1.9	40.7	7.7	629	2.64	28.5	2.7	121.1	7.0	70	2.2	6.4	6.8	43	0.72	0.083
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000598.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1055269	Soil	13	39	0.68	240	0.091	<1	2.27	0.013	0.05	0.1	0.04	4.5	<0.1	<0.05	6	<0.5	<0.2
REP 1055269	QC	13	38	0.65	236	0.087	<1	2.17	0.013	0.05	0.1	0.04	4.7	<0.1	<0.05	6	<0.5	<0.2
1014299	Soil	31	35	0.89	211	0.124	<1	2.15	0.015	0.17	<0.1	0.04	4.6	0.1	<0.05	7	0.6	<0.2
REP 1014299	QC	31	34	0.88	213	0.127	<1	2.13	0.013	0.17	<0.1	0.03	4.4	0.1	<0.05	7	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	118	0.62	268	0.115	5	0.95	0.092	0.42	2.9	0.22	2.5	5.3	0.18	5	5.6	5.5
STD DS8	Standard	14	116	0.61	263	0.116	3	0.92	0.093	0.40	2.8	0.20	1.9	5.2	0.21	5	5.3	5.0
STD DS8	Standard	14	112	0.59	267	0.114	3	0.87	0.096	0.44	3.0	0.21	2.5	5.5	0.10	5	5.4	4.5
STD DS8	Standard	17	113	0.62	292	0.118	2	0.91	0.098	0.42	3.1	0.21	2.3	5.6	0.18	5	5.5	4.7
STD DS8	Standard	15	113	0.59	274	0.119	3	0.91	0.100	0.42	2.7	0.21	2.5	5.0	0.19	5	5.4	4.9
STD DS8	Standard	13	119	0.61	263	0.110	3	0.93	0.097	0.43	2.7	0.21	2.0	5.3	0.15	5	5.9	5.0
STD DS8	Standard	15	115	0.63	292	0.124	2	1.02	0.117	0.44	3.2	0.22	3.4	5.7	0.20	5	4.4	4.4
STD DS8	Standard	14	117	0.58	280	0.119	2	0.87	0.082	0.42	3.0	0.20	2.1	5.2	0.16	5	5.3	5.4
STD DS8	Standard	17	117	0.59	279	0.127	2	0.94	0.084	0.41	2.9	0.18	2.3	5.2	0.13	5	4.6	4.6
STD DS8	Standard	14	117	0.63	285	0.117	1	0.91	0.090	0.44	3.2	0.20	2.2	5.4	0.19	5	4.9	5.3
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Smithers
Received: July 15, 2011
Report Date: August 04, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI11000599.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-19
P.O. Number
Number of Samples: 276

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	276	Dry at 60C sieve 100g to -80 mesh			SMI
Dry at 60C	276	Dry at 60C			SMI
1DX2	276	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015409	Soil	0.6	27.7	6.4	48	<0.1	16.6	9.8	317	2.34	5.2	1.1	1.8	4.6	30	<0.1	0.4	0.1	49	0.48	0.048
1015415	Soil	0.9	14.7	5.8	65	<0.1	18.6	11.2	568	4.15	7.9	1.1	<0.5	8.6	23	<0.1	0.3	0.1	57	0.29	0.041
1015416	Soil	0.6	12.5	3.2	60	<0.1	15.0	14.1	692	3.91	6.0	1.3	1.2	19.3	17	<0.1	0.2	<0.1	66	0.34	0.078
1015417	Soil	0.7	25.6	4.2	90	<0.1	24.9	20.5	800	4.51	4.5	1.0	4.5	5.4	29	<0.1	0.3	0.1	74	0.54	0.069
1015418	Soil	1.0	31.5	7.5	117	<0.1	23.8	11.5	469	3.72	8.7	1.4	2.9	7.3	24	<0.1	0.4	0.1	51	0.33	0.041
1015419	Soil	0.7	24.8	2.4	102	<0.1	38.5	32.2	855	5.37	4.0	0.8	0.5	3.3	31	<0.1	0.2	<0.1	122	0.56	0.056
1015420	Soil	0.9	22.6	4.0	67	<0.1	16.6	15.8	600	4.05	5.2	1.2	<0.5	11.1	23	<0.1	0.2	<0.1	61	0.35	0.040
1055780	Soil	0.6	19.3	7.3	54	<0.1	17.8	11.1	399	2.54	7.7	0.9	2.5	2.1	43	0.1	0.4	0.1	61	0.65	0.067
1010832	Soil	0.7	22.7	8.5	67	<0.1	22.7	14.2	468	3.63	7.3	0.6	1.5	4.3	29	<0.1	0.4	0.1	76	0.32	0.022
1055280	Soil	0.8	39.2	7.5	52	<0.1	21.2	12.2	367	3.44	8.6	0.7	1.6	3.3	31	<0.1	0.4	0.1	88	0.39	0.040
1015422	Soil	0.9	21.2	4.0	129	<0.1	74.5	24.2	868	4.82	4.8	1.1	1.6	5.3	32	<0.1	0.2	<0.1	88	0.53	0.098
1055271	Soil	0.7	46.3	8.4	63	<0.1	23.0	15.1	460	3.45	6.6	0.6	2.8	2.6	42	<0.1	0.3	0.1	87	0.38	0.051
1055272	Soil	0.5	54.7	7.5	67	<0.1	23.6	16.2	649	3.86	6.2	0.6	3.7	2.7	37	<0.1	0.3	0.1	100	0.52	0.060
1055273	Soil	0.4	51.3	3.9	51	<0.1	16.1	15.7	397	3.17	3.0	0.3	0.6	1.1	45	<0.1	0.2	<0.1	87	0.58	0.093
1055275	Soil	0.5	31.9	3.8	104	<0.1	11.9	15.4	1041	4.62	3.5	0.4	<0.5	2.3	30	<0.1	0.2	<0.1	79	0.55	0.127
1055274	Soil	0.5	36.9	4.6	50	<0.1	16.4	12.6	320	2.75	4.3	0.3	1.1	1.6	39	<0.1	0.2	<0.1	73	0.44	0.051
1055251	Soil	0.4	77.0	5.1	75	<0.1	17.3	12.5	407	2.93	5.1	0.4	1.3	1.8	51	<0.1	0.3	<0.1	61	0.61	0.136
1055252	Soil	0.7	31.5	8.0	54	<0.1	22.8	10.2	285	2.90	8.4	0.7	3.0	1.9	22	<0.1	0.5	0.2	68	0.26	0.057
1055779	Soil	0.5	18.0	6.6	50	<0.1	17.0	7.9	318	2.09	5.3	0.8	1.3	1.4	45	0.2	0.3	0.1	55	0.68	0.062
1055253	Soil	0.7	43.9	6.8	60	<0.1	22.8	12.5	325	2.89	6.3	0.5	1.4	1.5	29	<0.1	0.3	0.1	74	0.41	0.058
1015442	Soil	0.4	14.5	4.1	47	<0.1	20.4	19.1	594	4.79	2.6	0.9	<0.5	6.9	71	<0.1	0.1	<0.1	100	0.75	0.029
1015441	Soil	0.7	26.7	4.3	78	<0.1	14.8	22.2	939	4.78	3.4	0.5	0.9	4.7	31	<0.1	0.1	0.2	66	0.44	0.041
1010804	Soil	0.5	21.4	8.2	60	<0.1	20.8	10.8	346	2.97	6.4	0.8	2.5	4.3	28	<0.1	0.4	0.1	69	0.35	0.040
1015440	Soil	1.1	22.8	5.9	38	<0.1	12.5	15.6	541	3.49	2.5	2.2	2.1	4.7	35	<0.1	0.2	0.5	64	0.33	0.032
1010829	Soil	0.8	14.2	7.4	48	<0.1	11.9	9.7	327	3.07	7.0	0.5	1.7	3.3	21	<0.1	0.2	0.1	76	0.24	0.090
1015439	Soil	1.2	8.3	53.0	30	<0.1	4.6	3.0	393	1.36	14.7	2.1	<0.5	58.0	10	<0.1	0.5	1.7	7	0.09	0.008
1015438	Soil	1.6	11.9	34.9	46	<0.1	13.6	6.6	518	2.29	8.7	1.1	1.0	16.9	15	0.1	0.5	2.2	45	0.13	0.025
1015436	Soil	0.7	6.7	30.3	18	<0.1	4.0	5.0	654	0.84	4.0	1.5	0.6	32.5	9	<0.1	0.3	1.2	9	0.04	0.009
1015437	Soil	1.0	8.9	18.7	39	<0.1	9.8	4.9	275	1.94	8.7	1.6	0.8	24.7	16	<0.1	0.4	0.5	36	0.13	0.016
1010830	Soil	0.6	45.2	9.1	55	<0.1	27.3	13.7	449	3.17	10.0	1.2	4.6	4.9	34	<0.1	0.6	0.2	74	0.38	0.022

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015409	Soil	13	26	0.60	201	0.117	<1	1.37	0.019	0.16	0.2	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1015415	Soil	12	27	1.05	340	0.196	2	2.31	0.012	0.79	0.1	0.01	5.2	0.2	<0.05	9	<0.5	<0.2
1015416	Soil	19	23	1.73	214	0.238	<1	2.50	0.011	1.10	<0.1	<0.01	6.3	0.3	<0.05	9	<0.5	<0.2
1015417	Soil	17	33	1.81	233	0.180	<1	2.47	0.016	0.53	0.1	0.03	4.3	0.2	<0.05	9	<0.5	<0.2
1015418	Soil	14	39	0.74	176	0.106	1	1.84	0.013	0.23	0.1	0.02	5.3	0.1	<0.05	7	<0.5	<0.2
1015419	Soil	24	48	3.43	375	0.388	<1	3.65	0.017	1.29	0.1	0.03	2.9	0.4	<0.05	8	<0.5	<0.2
1015420	Soil	11	23	1.28	152	0.299	<1	2.24	0.010	0.97	0.3	<0.01	1.7	0.4	<0.05	7	<0.5	<0.2
1055780	Soil	11	30	0.62	230	0.065	<1	1.64	0.021	0.05	0.2	0.05	3.4	<0.1	<0.05	5	<0.5	<0.2
1010832	Soil	13	39	1.00	206	0.089	1	2.42	0.012	0.04	<0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
1055280	Soil	12	36	0.78	259	0.109	<1	2.19	0.017	0.04	0.1	0.03	5.6	<0.1	<0.05	7	<0.5	<0.2
1015422	Soil	15	173	2.26	445	0.259	<1	2.82	0.018	1.23	<0.1	0.02	3.4	0.4	<0.05	8	<0.5	<0.2
1055271	Soil	8	35	0.93	223	0.128	1	2.74	0.020	0.07	0.1	0.02	4.4	<0.1	<0.05	7	<0.5	<0.2
1055272	Soil	11	38	1.08	256	0.133	<1	2.41	0.023	0.06	0.1	0.03	7.0	<0.1	<0.05	7	<0.5	<0.2
1055273	Soil	4	22	1.13	197	0.193	<1	2.07	0.020	0.18	<0.1	0.01	3.0	<0.1	<0.05	5	<0.5	<0.2
1055275	Soil	9	19	1.53	345	0.268	<1	2.67	0.014	0.64	<0.1	<0.01	7.6	0.2	<0.05	10	<0.5	<0.2
1055274	Soil	6	26	0.85	172	0.128	<1	1.94	0.020	0.04	<0.1	0.02	2.9	<0.1	<0.05	5	<0.5	<0.2
1055251	Soil	9	27	1.10	344	0.117	<1	2.22	0.016	0.18	<0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1055252	Soil	10	34	0.63	196	0.077	<1	2.25	0.013	0.05	0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1055779	Soil	10	26	0.54	232	0.055	<1	1.37	0.020	0.04	0.2	0.04	2.7	<0.1	<0.05	4	<0.5	<0.2
1055253	Soil	8	37	0.96	234	0.131	<1	1.98	0.017	0.08	<0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1015442	Soil	17	36	1.49	176	0.076	<1	3.34	0.012	0.06	0.2	<0.01	8.2	<0.1	<0.05	10	<0.5	<0.2
1015441	Soil	6	28	1.80	144	0.109	<1	2.90	0.007	0.09	0.3	<0.01	2.6	<0.1	<0.05	8	<0.5	<0.2
1010804	Soil	14	38	0.77	233	0.091	<1	2.19	0.015	0.04	0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1015440	Soil	10	35	1.04	339	0.030	<1	2.04	0.006	0.09	0.4	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1010829	Soil	10	27	0.63	129	0.047	<1	1.78	0.008	0.05	0.1	0.02	2.7	<0.1	<0.05	8	<0.5	<0.2
1015439	Soil	16	7	0.08	92	<0.001	<1	0.73	0.004	0.11	1.1	<0.01	1.8	0.3	<0.05	2	<0.5	<0.2
1015438	Soil	13	25	0.32	198	0.025	<1	1.63	0.009	0.09	0.3	0.01	2.0	0.2	<0.05	5	<0.5	<0.2
1015436	Soil	18	9	0.08	68	0.002	<1	0.65	0.006	0.09	0.5	0.01	1.5	0.2	<0.05	1	<0.5	<0.2
1015437	Soil	12	19	0.27	160	0.019	<1	1.34	0.007	0.07	0.5	0.01	1.8	0.1	<0.05	4	<0.5	<0.2
1010830	Soil	18	44	0.73	298	0.102	1	2.08	0.022	0.05	<0.1	0.06	6.7	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055764	Soil	0.8	28.8	9.4	64	0.1	20.5	13.3	627	3.50	6.1	1.2	2.9	5.7	31	<0.1	0.3	0.2	75	0.50	0.033
1055766	Soil	0.8	22.5	10.0	55	<0.1	23.0	12.4	406	3.56	7.9	0.8	3.3	5.9	22	<0.1	0.4	0.2	76	0.28	0.029
1055259	Soil	0.6	36.3	6.9	63	<0.1	18.7	12.5	491	3.40	6.4	0.7	2.0	2.5	27	<0.1	0.3	0.1	84	0.31	0.052
1055258	Soil	1.0	26.7	8.7	74	<0.1	20.6	12.4	506	3.46	8.9	0.8	3.1	4.2	21	0.1	0.5	0.2	75	0.20	0.037
1055255	Soil	0.4	53.1	4.1	99	<0.1	14.6	16.7	835	4.61	3.2	0.4	1.2	1.3	38	<0.1	0.2	<0.1	100	0.68	0.166
1055262	Soil	1.2	60.7	10.2	61	<0.1	23.9	11.5	422	3.55	9.8	1.2	6.3	5.2	20	<0.1	0.6	0.2	82	0.20	0.037
1055254	Soil	0.8	34.3	8.3	57	<0.1	23.9	11.1	308	2.97	7.8	0.8	2.3	1.4	28	0.1	0.3	0.1	70	0.32	0.051
1055260	Soil	0.2	55.8	2.3	51	<0.1	11.0	12.2	307	2.46	1.8	0.2	0.6	1.0	39	<0.1	0.1	<0.1	75	0.57	0.103
1055256	Soil	0.9	33.5	6.9	90	<0.1	17.0	17.8	914	4.56	6.8	0.5	0.8	2.0	30	0.2	0.3	0.1	99	0.39	0.104
1055257	Soil	0.6	35.0	6.2	86	<0.1	16.6	12.9	717	3.80	5.7	0.8	1.7	3.2	27	0.1	0.3	0.1	83	0.40	0.109
1015432	Soil	0.8	5.9	48.5	35	<0.1	5.7	3.4	936	1.36	4.8	5.6	0.8	47.1	27	<0.1	0.5	0.4	9	0.14	0.019
1015433	Soil	1.5	7.6	40.8	54	<0.1	7.0	4.7	457	1.99	12.1	3.3	<0.5	56.9	10	<0.1	1.0	0.9	18	0.09	0.018
1055261	Soil	0.5	59.2	4.8	77	<0.1	15.9	20.4	730	3.91	2.9	0.2	0.5	1.2	35	<0.1	0.1	<0.1	132	0.52	0.130
1015434	Soil	0.9	9.1	39.1	51	<0.1	8.8	5.9	671	1.94	7.0	3.6	0.5	54.6	8	<0.1	0.5	0.8	27	0.09	0.025
1015435	Soil	1.2	16.9	26.9	57	<0.1	20.2	9.2	497	2.89	11.6	0.9	1.3	10.5	31	0.1	0.8	0.9	66	0.27	0.023
1062732	Soil	1.2	10.6	8.6	65	<0.1	11.8	8.6	401	3.55	5.5	0.6	2.4	2.8	18	<0.1	1.1	0.2	67	0.23	0.058
1062731	Soil	0.7	14.0	7.2	48	<0.1	15.9	9.9	285	3.02	7.7	0.6	1.4	2.0	26	<0.1	0.4	0.1	69	0.38	0.095
1062719	Soil	0.9	35.0	9.2	61	<0.1	20.2	12.6	443	3.93	14.9	0.8	1.8	4.6	27	0.1	1.6	0.2	82	0.33	0.051
1062701	Soil	0.7	24.5	7.7	62	<0.1	22.9	12.9	402	3.35	7.9	0.9	2.5	4.7	28	<0.1	0.5	0.2	73	0.23	0.025
1062715	Soil	0.8	18.3	7.7	67	<0.1	21.3	11.5	458	3.13	7.2	0.9	2.0	6.0	29	<0.1	0.5	0.2	62	0.33	0.044
1062730	Soil	0.8	53.7	4.7	62	<0.1	17.5	11.8	430	2.76	5.0	0.3	1.2	1.6	46	0.2	0.3	0.1	67	0.43	0.108
1062712	Soil	0.7	29.5	8.9	59	<0.1	25.7	12.1	454	3.01	8.7	0.9	3.6	4.9	36	<0.1	0.7	0.2	67	0.39	0.041
1062711	Soil	0.6	19.2	7.4	58	<0.1	23.8	13.7	419	3.55	6.7	0.6	2.0	5.0	26	<0.1	0.6	0.1	67	0.26	0.023
1062720	Soil	0.7	17.5	9.3	42	<0.1	18.6	9.1	195	2.96	8.8	0.6	1.9	3.6	26	<0.1	0.4	0.2	67	0.18	0.032
1062718	Soil	0.8	23.6	9.6	59	<0.1	24.0	11.5	360	3.11	10.1	1.1	4.7	7.4	23	<0.1	0.6	0.2	65	0.24	0.036
1062717	Soil	0.2	20.5	2.2	133	<0.1	6.2	15.7	865	5.28	2.2	0.4	0.7	7.7	59	<0.1	0.1	<0.1	108	1.31	0.425
1062716	Soil	0.9	12.5	7.8	69	<0.1	15.9	12.0	435	4.25	9.4	0.5	1.4	4.3	27	<0.1	0.4	0.2	87	0.33	0.093
1062726	Soil	0.7	49.8	4.7	79	0.1	14.6	10.6	521	2.52	4.0	0.2	<0.5	0.7	21	0.2	0.4	0.1	67	0.29	0.055
1062725	Soil	1.1	15.9	9.7	58	0.1	14.0	10.8	498	3.33	7.3	0.3	2.4	2.1	18	0.1	0.5	0.4	78	0.15	0.045
1062705	Soil	0.8	19.9	10.0	47	<0.1	21.8	8.9	267	2.90	8.0	0.8	2.8	4.6	23	<0.1	0.4	0.2	65	0.21	0.029

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055764	Soil	23	38	0.94	478	0.079	1	2.40	0.015	0.06	<0.1	0.04	6.4	<0.1	<0.05	7	<0.5	<0.2
1055766	Soil	15	39	0.73	246	0.062	1	2.98	0.012	0.05	0.1	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1055259	Soil	9	34	1.02	204	0.197	2	2.60	0.013	0.18	0.1	0.03	3.9	<0.1	<0.05	7	<0.5	<0.2
1055258	Soil	10	33	0.73	148	0.153	2	2.69	0.012	0.08	0.1	0.05	3.6	<0.1	<0.05	7	<0.5	<0.2
1055255	Soil	8	22	1.49	437	0.244	<1	2.54	0.017	0.65	<0.1	0.02	3.1	0.2	<0.05	8	<0.5	<0.2
1055262	Soil	11	41	0.76	232	0.124	<1	2.57	0.015	0.07	0.1	0.05	5.2	0.1	<0.05	6	<0.5	<0.2
1055254	Soil	11	38	0.83	216	0.105	1	2.35	0.015	0.06	<0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1055260	Soil	4	15	0.98	198	0.159	<1	1.89	0.028	0.25	<0.1	<0.01	2.9	<0.1	<0.05	4	<0.5	<0.2
1055256	Soil	6	28	1.27	223	0.250	1	2.95	0.016	0.32	0.1	0.02	3.4	0.1	0.05	9	<0.5	<0.2
1055257	Soil	11	28	1.02	238	0.217	<1	2.48	0.013	0.33	0.1	0.03	4.5	0.2	<0.05	8	<0.5	<0.2
1015432	Soil	25	6	0.11	219	<0.001	<1	0.58	0.003	0.10	1.0	0.03	2.3	0.2	<0.05	2	<0.5	<0.2
1015433	Soil	5	11	0.15	83	0.002	<1	1.08	0.005	0.09	0.9	0.01	2.3	0.2	<0.05	4	<0.5	<0.2
1055261	Soil	4	24	1.70	166	0.235	<1	2.68	0.034	0.37	<0.1	0.02	4.3	0.1	<0.05	8	<0.5	<0.2
1015434	Soil	10	15	0.37	103	0.016	<1	1.20	0.009	0.09	0.5	<0.01	2.5	0.2	<0.05	5	<0.5	<0.2
1015435	Soil	12	35	0.51	281	0.069	<1	2.24	0.010	0.08	0.2	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1062732	Soil	8	23	0.55	186	0.046	1	2.31	0.008	0.10	0.2	0.02	4.0	0.2	<0.05	7	<0.5	<0.2
1062731	Soil	7	27	0.59	159	0.078	<1	2.03	0.037	0.06	0.1	0.01	3.7	<0.1	<0.05	6	<0.5	<0.2
1062719	Soil	13	34	0.70	228	0.074	2	2.76	0.015	0.06	0.1	0.03	5.4	0.4	<0.05	8	0.5	<0.2
1062701	Soil	15	36	0.86	198	0.103	1	2.76	0.015	0.05	0.1	0.03	4.7	0.1	<0.05	7	<0.5	<0.2
1062715	Soil	16	40	0.76	263	0.100	<1	2.39	0.012	0.13	0.1	0.02	4.2	0.2	<0.05	7	0.6	<0.2
1062730	Soil	5	29	0.75	170	0.129	<1	1.81	0.028	0.12	<0.1	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1062712	Soil	19	44	0.78	309	0.101	2	2.14	0.017	0.06	0.1	0.04	6.3	0.1	<0.05	6	<0.5	<0.2
1062711	Soil	12	49	0.85	200	0.039	<1	2.57	0.009	0.06	0.1	0.02	4.6	0.2	<0.05	7	<0.5	<0.2
1062720	Soil	9	37	0.54	143	0.082	<1	2.41	0.012	0.05	0.1	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1062718	Soil	16	37	0.66	255	0.106	1	2.38	0.014	0.07	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1062717	Soil	34	9	1.74	398	0.126	<1	3.16	0.024	0.54	<0.1	<0.01	6.2	0.2	<0.05	10	<0.5	<0.2
1062716	Soil	10	30	0.73	203	0.102	<1	2.39	0.012	0.13	0.1	0.02	3.9	<0.1	<0.05	8	<0.5	<0.2
1062726	Soil	3	20	0.41	120	0.093	<1	1.29	0.027	0.04	<0.1	0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1062725	Soil	7	27	0.57	163	0.079	<1	1.91	0.010	0.06	0.1	0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1062705	Soil	12	37	0.61	229	0.100	2	2.21	0.012	0.05	0.1	0.02	3.9	0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062707	Soil	0.4	33.2	3.8	56	<0.1	22.8	18.8	471	4.13	2.9	0.7	2.7	3.2	67	<0.1	0.3	<0.1	93	0.42	0.061
1062724	Soil	1.0	24.2	8.6	61	<0.1	20.7	14.0	289	3.15	7.4	0.9	2.1	3.9	17	0.1	0.5	0.2	73	0.24	0.065
1062703	Soil	0.1	26.5	2.8	71	<0.1	17.2	14.7	953	3.51	1.8	0.4	1.6	2.0	137	<0.1	0.3	<0.1	84	0.94	0.120
1062704	Soil	0.7	18.6	8.5	49	<0.1	20.4	10.1	254	2.91	7.4	0.9	2.9	5.9	20	<0.1	0.4	0.2	62	0.18	0.029
1062735	Soil	0.5	5.9	3.1	70	<0.1	6.8	12.0	550	3.57	1.9	0.7	0.7	7.2	18	<0.1	0.1	<0.1	51	0.23	0.023
1015499	Soil	0.9	14.2	5.9	83	<0.1	13.2	13.7	576	4.76	6.6	0.6	1.0	5.9	16	<0.1	0.3	0.2	78	0.22	0.072
1014324	Soil	0.6	30.4	1.5	50	<0.1	11.8	19.9	601	4.77	4.1	0.6	2.2	1.9	18	<0.1	0.1	<0.1	129	0.73	0.175
1014326	Soil	0.3	19.6	1.1	63	<0.1	11.6	20.9	775	4.21	3.7	0.4	2.0	2.5	19	<0.1	0.1	<0.1	85	0.47	0.113
1014322	Soil	0.5	10.7	2.8	91	<0.1	11.7	20.0	779	5.39	4.6	0.4	16.6	5.8	27	<0.1	0.2	<0.1	79	0.37	0.067
1014301	Soil	0.4	24.3	3.2	119	<0.1	18.2	20.5	800	6.20	4.0	0.4	1.1	3.5	30	<0.1	0.2	<0.1	104	0.40	0.048
1014310	Soil	0.2	8.1	1.5	51	<0.1	60.6	18.0	326	2.79	2.9	0.3	0.7	4.5	15	<0.1	<0.1	<0.1	56	0.36	0.067
1014323	Soil	0.3	46.8	2.1	45	<0.1	14.8	12.2	630	3.49	4.9	0.4	1.6	4.4	15	<0.1	0.1	<0.1	63	0.28	0.053
1014325	Soil	0.7	31.8	1.5	50	<0.1	12.9	20.8	608	4.97	3.9	0.6	2.0	2.1	18	<0.1	0.1	<0.1	128	0.76	0.190
1014327	Soil	0.4	25.6	1.5	67	<0.1	15.7	19.5	833	4.40	4.4	0.5	2.5	3.6	21	<0.1	0.2	<0.1	87	0.47	0.109
1014303	Soil	1.1	29.1	7.3	73	<0.1	22.7	10.1	293	3.18	11.6	0.6	2.8	3.7	18	<0.1	0.4	0.1	68	0.19	0.025
1014305	Soil	0.5	16.5	15.4	112	<0.1	21.6	14.3	584	3.34	3.7	0.4	0.7	2.5	29	0.2	0.2	<0.1	66	0.38	0.033
1014307	Soil	0.7	31.2	5.5	89	<0.1	11.5	18.6	781	6.82	2.8	1.1	<0.5	7.1	25	0.1	0.3	<0.1	169	0.57	0.053
1015500	Soil	0.8	27.5	7.0	76	<0.1	44.1	17.8	654	5.21	9.2	1.0	2.0	8.7	27	<0.1	0.5	0.1	93	0.34	0.027
1014302	Soil	0.7	12.8	6.9	103	<0.1	23.9	13.0	716	3.73	5.8	0.4	2.0	3.3	27	<0.1	0.3	0.1	70	0.34	0.045
1014312	Soil	0.9	14.2	5.6	57	<0.1	14.2	13.3	552	3.77	5.7	0.5	3.6	4.6	17	<0.1	0.4	0.1	63	0.29	0.056
1014320	Soil	0.5	11.2	3.9	72	<0.1	10.4	14.2	598	4.30	3.3	0.5	<0.5	5.3	27	<0.1	0.1	<0.1	65	0.43	0.093
1014308	Soil	0.4	20.6	3.6	80	<0.1	11.3	16.9	737	5.38	4.4	0.7	1.3	4.1	23	<0.1	0.2	<0.1	100	0.59	0.142
1014313	Soil	0.4	9.5	3.4	104	<0.1	31.1	32.9	1000	5.87	4.4	0.4	0.8	2.3	29	<0.1	0.2	<0.1	129	0.54	0.081
1015498	Soil	0.8	21.9	5.3	70	<0.1	20.7	16.7	599	4.14	6.0	0.5	1.4	4.3	18	<0.1	0.3	<0.1	90	0.34	0.048
1015497	Soil	1.0	29.8	7.3	79	<0.1	24.5	16.4	589	4.19	9.8	1.0	1.7	6.1	18	<0.1	0.5	0.1	85	0.23	0.040
1062710	Soil	0.7	22.3	8.9	55	<0.1	27.2	10.1	398	3.15	10.6	1.0	3.3	6.1	23	<0.1	0.6	0.2	70	0.27	0.033
1062733	Soil	0.9	31.0	6.5	90	<0.1	28.8	14.0	700	4.32	7.1	0.5	1.2	2.3	15	0.1	0.6	0.1	90	0.20	0.061
1062729	Soil	0.5	14.1	3.0	102	<0.1	4.0	9.5	793	4.42	2.3	0.4	<0.5	3.8	22	0.1	0.1	<0.1	73	0.40	0.120
1014304	Soil	0.5	14.2	5.3	105	<0.1	21.5	19.6	590	4.82	2.7	0.4	<0.5	2.7	33	<0.1	0.2	<0.1	94	0.46	0.035
1062734	Soil	0.5	16.2	2.3	71	<0.1	7.1	10.7	518	3.41	1.6	0.6	2.1	3.2	30	<0.1	0.2	<0.1	54	0.59	0.074

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062707	Soil	8	40	1.39	218	0.039	<1	3.29	0.008	0.14	<0.1	0.02	5.4	0.1	<0.05	8	<0.5	<0.2
1062724	Soil	8	38	0.61	201	0.113	<1	2.86	0.023	0.06	0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
1062703	Soil	9	23	1.54	133	0.146	<1	2.41	0.008	0.04	0.4	<0.01	7.2	<0.1	<0.05	8	<0.5	<0.2
1062704	Soil	13	35	0.59	139	0.100	1	2.34	0.012	0.05	0.1	0.03	3.7	0.1	<0.05	6	0.5	<0.2
1062735	Soil	7	9	0.94	345	0.182	<1	2.53	0.007	0.70	<0.1	<0.01	2.6	0.3	<0.05	8	<0.5	<0.2
1015499	Soil	7	24	0.95	231	0.130	2	2.37	0.008	0.51	<0.1	<0.01	3.1	0.1	<0.05	10	<0.5	<0.2
1014324	Soil	4	15	1.41	425	0.216	3	2.33	0.034	0.99	<0.1	<0.01	4.1	0.2	<0.05	8	0.7	<0.2
1014326	Soil	8	15	2.12	525	0.250	1	2.47	0.012	1.07	<0.1	<0.01	2.2	0.3	<0.05	7	<0.5	<0.2
1014322	Soil	8	20	1.53	350	0.290	1	2.61	0.009	1.14	<0.1	<0.01	1.8	0.3	<0.05	9	<0.5	<0.2
1014301	Soil	8	31	1.62	268	0.325	<1	3.13	0.010	0.75	0.2	<0.01	3.0	0.2	<0.05	11	<0.5	<0.2
1014310	Soil	11	102	1.63	377	0.166	<1	1.89	0.011	0.58	<0.1	<0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1014323	Soil	7	19	1.18	271	0.224	<1	1.93	0.008	0.83	<0.1	0.01	2.8	0.2	<0.05	7	<0.5	<0.2
1014325	Soil	4	17	1.43	434	0.211	1	2.36	0.034	0.96	<0.1	<0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1014327	Soil	10	17	1.87	443	0.249	<1	2.39	0.012	1.01	<0.1	0.02	2.6	0.2	<0.05	8	<0.5	<0.2
1014303	Soil	8	37	0.52	256	0.099	2	1.97	0.011	0.15	<0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1014305	Soil	7	41	0.86	299	0.158	1	2.13	0.012	0.22	<0.1	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1014307	Soil	20	13	1.15	231	0.017	1	3.31	0.017	0.18	<0.1	0.02	17.2	<0.1	<0.05	11	<0.5	<0.2
1015500	Soil	23	112	1.44	211	0.081	3	2.86	0.011	0.14	0.1	0.01	8.4	<0.1	<0.05	10	<0.5	<0.2
1014302	Soil	8	54	0.93	375	0.155	1	2.23	0.011	0.23	<0.1	<0.01	2.9	0.1	<0.05	8	<0.5	<0.2
1014312	Soil	12	24	0.76	362	0.088	<1	1.84	0.010	0.37	0.1	<0.01	3.6	0.1	<0.05	6	<0.5	<0.2
1014320	Soil	10	16	1.08	195	0.192	<1	2.14	0.007	0.38	<0.1	<0.01	1.8	0.1	<0.05	8	<0.5	<0.2
1014308	Soil	10	14	1.36	340	0.223	1	2.46	0.018	0.86	<0.1	<0.01	5.5	0.2	<0.05	9	<0.5	<0.2
1014313	Soil	5	73	3.18	383	0.189	2	3.31	0.009	0.73	<0.1	0.01	6.3	0.2	<0.05	9	<0.5	<0.2
1015498	Soil	9	40	1.24	240	0.202	1	2.70	0.015	0.26	0.1	<0.01	3.5	0.1	<0.05	8	0.6	<0.2
1015497	Soil	11	40	0.89	256	0.171	<1	2.66	0.014	0.25	<0.1	0.02	4.8	0.1	<0.05	7	<0.5	<0.2
1062710	Soil	19	45	0.59	252	0.082	2	2.09	0.013	0.06	0.1	0.03	6.6	0.2	<0.05	6	<0.5	<0.2
1062733	Soil	5	71	1.09	242	0.146	1	2.38	0.011	0.43	0.1	0.02	6.8	0.2	<0.05	9	<0.5	<0.2
1062729	Soil	8	7	1.60	280	0.209	<1	2.92	0.008	0.58	<0.1	0.01	3.6	0.2	<0.05	10	<0.5	<0.2
1014304	Soil	4	53	1.32	352	0.236	<1	2.57	0.016	0.17	<0.1	<0.01	2.7	<0.1	<0.05	10	<0.5	<0.2
1062734	Soil	13	9	0.96	354	0.161	<1	2.23	0.007	0.57	<0.1	<0.01	3.8	0.3	<0.05	7	<0.5	<0.2

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Project: PED
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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014306	Soil	0.6	17.6	5.5	96	<0.1	11.0	15.1	918	5.27	3.9	1.6	0.8	16.6	24	<0.1	0.2	<0.1	74	0.35	0.064
1014309	Soil	1.0	12.3	6.5	59	<0.1	15.8	9.7	532	3.01	5.3	0.4	6.6	2.7	17	<0.1	0.4	0.1	65	0.24	0.026
1014318	Soil	0.4	10.7	2.3	107	<0.1	62.8	23.5	671	4.61	3.4	0.2	1.5	1.5	29	<0.1	0.1	<0.1	84	0.58	0.077
]1014316	Soil	0.9	254.6	5.2	70	<0.1	13.6	14.1	536	4.53	6.2	0.6	1.0	6.0	20	<0.1	0.3	<0.1	77	0.36	0.066
1062722	Soil	0.9	35.4	6.7	54	<0.1	28.7	15.2	366	3.98	8.2	0.5	3.3	3.8	15	<0.1	0.5	0.1	89	0.21	0.032
1014333	Soil	0.7	31.0	7.3	45	<0.1	20.9	11.0	255	3.07	7.1	0.6	2.3	3.5	19	<0.1	0.3	0.1	79	0.27	0.031
1014335	Soil	1.0	18.4	8.1	55	<0.1	16.9	7.8	239	3.20	7.0	0.7	1.5	4.2	18	<0.1	0.4	0.2	71	0.22	0.023
1014336	Soil	0.9	13.8	8.9	55	<0.1	13.6	7.0	410	3.02	5.8	0.5	2.4	2.1	13	0.1	0.3	0.2	77	0.18	0.032
1062723	Soil	0.7	48.9	4.4	59	<0.1	17.5	13.7	418	3.27	4.3	0.7	3.9	3.6	17	0.1	0.3	0.1	80	0.32	0.051
1062709	Soil	1.0	18.4	8.9	51	<0.1	21.6	11.6	259	3.38	8.5	0.8	3.3	6.4	17	<0.1	0.5	0.2	68	0.17	0.026
1062721	Soil	0.6	48.5	4.1	42	<0.1	18.0	10.9	322	3.34	5.1	0.2	2.6	1.0	42	<0.1	0.3	0.1	84	0.26	0.056
1062708	Soil	0.5	27.6	5.8	48	<0.1	18.1	12.7	276	3.39	7.2	0.4	1.7	2.0	14	<0.1	0.4	0.1	77	0.18	0.035
1062713	Soil	0.8	26.2	8.3	54	<0.1	23.9	12.2	404	3.05	9.4	0.7	2.0	4.2	29	<0.1	0.5	0.2	64	0.33	0.035
1062714	Soil	0.8	28.0	8.3	46	<0.1	19.7	9.1	365	2.59	8.7	0.9	3.8	4.0	22	<0.1	0.5	0.2	57	0.26	0.029
1062706	Soil	0.6	27.5	6.2	50	<0.1	21.4	10.6	324	2.64	6.1	0.6	2.7	3.4	21	<0.1	0.4	0.1	58	0.25	0.053
1014332	Soil	0.8	28.6	8.5	48	<0.1	21.7	12.2	309	2.85	8.3	1.2	5.2	4.9	22	<0.1	0.4	0.1	69	0.27	0.022
1014338	Soil	0.6	22.1	7.4	62	<0.1	20.2	10.1	281	3.01	4.6	0.6	1.4	5.2	12	<0.1	0.3	0.4	69	0.21	0.040
1014339	Soil	0.7	17.9	6.5	58	<0.1	18.9	10.7	324	3.23	6.3	0.4	1.7	2.6	13	<0.1	0.3	0.1	84	0.17	0.040
1014383	Soil	0.4	22.0	5.9	77	<0.1	14.7	15.5	681	3.80	4.2	1.2	0.8	6.4	21	<0.1	0.2	<0.1	84	0.37	0.044
1014341	Soil	1.0	9.8	6.5	83	<0.1	11.4	7.0	545	3.03	6.0	0.5	1.0	3.1	16	0.1	0.3	0.1	48	0.17	0.034
1014340	Soil	0.8	14.5	9.0	47	<0.1	16.3	8.0	235	2.77	8.8	0.4	1.8	3.1	17	<0.1	0.4	0.2	64	0.18	0.023
1014337	Soil	0.4	31.1	5.9	52	<0.1	23.4	14.9	398	3.19	3.6	0.8	1.5	7.3	16	0.1	0.2	0.2	71	0.34	0.057
1014334	Soil	0.4	31.6	6.9	39	<0.1	20.8	11.0	297	2.42	5.1	0.8	2.1	3.6	23	<0.1	0.3	0.1	66	0.34	0.025
1014328	Soil	0.8	27.1	9.1	74	<0.1	31.3	17.1	365	3.45	8.7	0.3	0.8	2.2	12	0.1	0.4	0.1	90	0.19	0.021
1014321	Soil	0.2	6.9	1.9	41	<0.1	13.7	13.0	298	2.34	2.3	0.3	<0.5	1.8	11	<0.1	0.1	<0.1	49	0.29	0.054
1014319	Soil	0.6	14.6	1.5	57	<0.1	17.9	16.5	373	3.40	2.3	0.1	1.2	0.7	19	<0.1	<0.1	<0.1	68	0.45	0.082
1014317	Soil	0.3	5.8	1.6	45	<0.1	59.0	18.3	297	2.46	2.1	0.2	0.5	1.1	11	<0.1	<0.1	<0.1	59	0.32	0.077
1014315	Soil	1.3	27.8	5.6	85	0.1	21.0	18.6	1245	5.20	4.7	1.9	4.3	9.9	23	<0.1	0.3	<0.1	42	1.27	0.067
1014314	Soil	0.6	9.0	5.0	69	<0.1	12.1	13.1	613	3.70	5.2	1.0	<0.5	20.4	22	<0.1	0.3	<0.1	68	0.32	0.045
1014311	Soil	0.3	15.5	2.2	66	<0.1	17.1	18.7	606	3.55	3.0	0.3	0.7	3.8	21	<0.1	0.1	<0.1	69	0.38	0.053

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014306	Soil	15	20	1.23	184	0.044	<1	2.43	0.009	0.14	<0.1	<0.01	9.8	<0.1	<0.05	12	<0.5	<0.2
1014309	Soil	8	28	0.50	344	0.096	<1	1.76	0.012	0.12	0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1014318	Soil	3	209	2.42	459	0.247	<1	3.02	0.014	1.04	<0.1	0.01	2.2	0.3	<0.05	8	<0.5	<0.2
]1014316	Soil	9	24	1.19	299	0.206	<1	2.35	0.010	0.77	0.1	<0.01	3.7	0.2	<0.05	9	<0.5	<0.2
1062722	Soil	8	60	1.03	109	0.129	2	2.83	0.015	0.05	0.2	0.03	5.4	<0.1	<0.05	7	0.7	<0.2
1014333	Soil	12	40	0.67	195	0.110	1	2.07	0.015	0.05	<0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
1014335	Soil	14	34	0.42	216	0.080	<1	2.40	0.011	0.05	<0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2
1014336	Soil	10	31	0.36	157	0.093	<1	1.94	0.009	0.06	<0.1	0.01	2.6	0.1	<0.05	8	<0.5	<0.2
1062723	Soil	9	40	0.82	171	0.108	<1	2.00	0.021	0.07	0.1	0.02	5.6	<0.1	<0.05	6	<0.5	<0.2
1062709	Soil	13	36	0.53	176	0.082	<1	2.64	0.012	0.06	<0.1	0.04	4.1	0.1	<0.05	6	<0.5	<0.2
1062721	Soil	3	37	0.81	121	0.087	1	1.96	0.013	0.04	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1062708	Soil	6	24	0.75	152	0.032	<1	2.20	0.008	0.04	<0.1	0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1062713	Soil	17	43	0.75	285	0.079	<1	2.05	0.013	0.05	0.1	0.03	6.1	0.1	<0.05	6	<0.5	<0.2
1062714	Soil	14	32	0.50	382	0.063	<1	1.48	0.011	0.05	0.1	0.05	4.8	<0.1	<0.05	5	<0.5	<0.2
1062706	Soil	9	35	0.67	166	0.056	<1	1.93	0.008	0.05	0.1	0.01	4.4	<0.1	<0.05	5	<0.5	<0.2
1014332	Soil	16	45	0.68	226	0.086	<1	1.85	0.011	0.04	0.1	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
1014338	Soil	11	36	0.83	153	0.126	1	1.81	0.007	0.20	<0.1	0.01	3.0	0.2	<0.05	6	<0.5	<0.2
1014339	Soil	7	40	0.73	129	0.115	<1	1.77	0.009	0.11	<0.1	0.01	2.8	<0.1	<0.05	7	<0.5	<0.2
1014383	Soil	13	27	1.56	139	0.238	<1	2.49	0.010	0.71	<0.1	<0.01	3.6	0.3	<0.05	8	<0.5	<0.2
1014341	Soil	5	17	0.50	324	0.081	<1	1.94	0.007	0.22	<0.1	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1014340	Soil	8	31	0.40	219	0.069	<1	1.97	0.008	0.04	<0.1	<0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1014337	Soil	22	43	1.05	294	0.119	<1	1.77	0.009	0.41	<0.1	<0.01	4.6	0.2	<0.05	6	<0.5	<0.2
1014334	Soil	12	39	0.63	208	0.102	<1	1.58	0.015	0.04	<0.1	0.02	5.3	<0.1	<0.05	5	<0.5	<0.2
1014328	Soil	5	65	1.03	186	0.167	<1	2.45	0.011	0.12	<0.1	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1014321	Soil	4	28	0.99	214	0.141	<1	1.39	0.014	0.46	<0.1	<0.01	2.2	0.1	<0.05	4	<0.5	<0.2
1014319	Soil	2	32	1.56	359	0.223	<1	2.17	0.018	0.83	<0.1	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
1014317	Soil	3	232	1.78	373	0.174	<1	1.94	0.011	0.92	<0.1	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2
1014315	Soil	32	19	0.22	984	0.005	2	1.03	0.006	0.16	<0.1	0.05	9.3	<0.1	<0.05	2	<0.5	<0.2
1014314	Soil	7	23	0.99	273	0.205	<1	2.25	0.008	0.54	<0.1	<0.01	2.0	0.1	<0.05	7	<0.5	<0.2
1014311	Soil	4	26	1.66	424	0.253	<1	2.46	0.011	1.07	<0.1	<0.01	1.4	0.3	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028760	Soil	0.6	32.0	6.5	50	<0.1	16.5	10.5	354	2.49	6.3	0.7	6.9	3.4	29	<0.1	0.4	0.1	60	0.42	0.043
1014331	Soil	0.9	30.3	3.3	68	<0.1	17.3	19.3	390	4.26	5.4	0.7	1.1	3.8	17	<0.1	0.2	<0.1	131	0.36	0.072
1014329	Soil	0.9	22.2	7.1	72	<0.1	20.9	15.6	430	3.46	4.9	0.4	1.5	3.2	14	0.1	0.3	<0.1	89	0.22	0.032
1028755	Soil	0.8	68.1	13.0	44	<0.1	18.5	10.5	326	2.44	6.6	1.4	4.7	3.9	26	<0.1	0.4	0.1	61	0.35	0.029
1028759	Soil	0.6	40.0	7.5	52	<0.1	15.8	12.3	425	2.64	5.2	0.7	3.1	3.4	27	<0.1	0.3	<0.1	60	0.42	0.048
1028758	Soil	0.6	50.7	11.9	54	<0.1	15.7	13.3	488	2.78	3.9	0.5	8.4	3.1	25	<0.1	0.2	<0.1	63	0.41	0.049
1028757	Soil	0.7	36.0	13.0	48	<0.1	16.6	11.9	421	2.53	6.1	0.7	2.6	3.3	26	<0.1	0.3	0.1	58	0.39	0.041
1014343	Soil	1.0	54.0	97.7	53	<0.1	12.1	14.3	517	3.21	4.4	0.5	0.8	2.8	21	<0.1	0.2	0.3	76	0.33	0.046
1028756	Soil	0.5	48.0	20.6	55	<0.1	19.3	13.0	448	2.75	5.7	0.5	2.6	3.3	28	<0.1	0.3	0.1	62	0.41	0.045
1014349	Soil	1.3	13.6	7.9	51	<0.1	14.9	9.5	307	2.64	5.1	0.4	1.6	2.3	15	<0.1	0.4	0.1	65	0.18	0.024
1014372	Soil	0.8	15.8	6.5	103	<0.1	15.7	16.6	923	4.02	5.2	0.5	1.2	5.4	22	<0.1	0.3	0.1	109	0.30	0.031
1014330	Soil	0.4	62.9	2.3	98	<0.1	54.9	26.1	526	4.44	2.5	0.6	5.7	4.1	25	<0.1	0.1	<0.1	153	0.49	0.022
1014373	Soil	0.7	25.9	2.6	145	<0.1	6.0	29.0	694	5.80	2.3	0.2	0.8	1.4	20	0.2	0.1	<0.1	206	0.60	0.052
1014374	Soil	1.0	30.3	9.5	56	<0.1	23.0	10.6	318	2.84	9.3	0.9	6.7	4.8	22	<0.1	0.5	0.2	71	0.23	0.014
1014375	Soil	0.8	18.0	7.3	44	<0.1	17.7	9.1	261	2.43	7.6	0.5	2.0	3.8	21	<0.1	0.4	0.1	60	0.22	0.014
1014381	Soil	0.5	20.3	4.3	77	<0.1	15.5	23.2	627	5.25	4.2	0.3	0.7	2.7	31	<0.1	0.2	<0.1	103	0.65	0.105
1014382	Soil	0.6	21.8	6.5	102	<0.1	16.6	19.3	705	4.41	4.1	0.2	0.8	2.1	19	<0.1	0.2	<0.1	105	0.32	0.032
1014380	Soil	0.5	34.6	6.2	82	<0.1	17.5	20.3	594	4.67	2.8	0.4	<0.5	3.1	35	<0.1	0.2	<0.1	104	0.37	0.060
1014376	Soil	0.7	12.5	5.4	82	<0.1	17.4	17.7	674	4.18	5.1	0.8	<0.5	5.6	25	<0.1	0.3	<0.1	82	0.34	0.034
1014378	Soil	0.6	12.6	4.6	77	<0.1	13.7	17.3	638	4.88	4.3	0.5	<0.5	9.0	19	<0.1	0.2	<0.1	70	0.32	0.041
1014392	Soil	0.6	26.3	13.4	129	<0.1	15.2	23.4	906	4.87	1.2	0.2	<0.5	1.5	23	0.1	0.1	<0.1	95	0.41	0.048
1014379	Soil	0.1	11.2	3.0	54	<0.1	5.0	15.1	629	3.92	0.8	0.4	<0.5	2.9	17	<0.1	0.1	<0.1	51	0.36	0.072
1014377	Soil	0.7	12.4	6.9	68	<0.1	17.1	13.5	431	3.47	3.9	1.0	0.6	5.1	24	0.1	0.3	0.1	77	0.32	0.024
1014347	Soil	0.5	35.1	4.9	59	<0.1	14.7	13.5	401	3.12	4.7	0.3	0.7	1.8	21	<0.1	0.2	<0.1	67	0.27	0.028
1028754	Soil	0.7	43.5	6.3	49	<0.1	17.9	11.2	384	2.62	6.2	0.5	1.7	2.7	24	<0.1	0.4	0.1	60	0.36	0.031
1014387	Soil	0.9	21.1	10.9	90	<0.1	16.3	18.6	666	4.14	5.0	0.4	0.8	2.7	34	<0.1	0.3	<0.1	92	0.39	0.042
1014386	Soil	0.7	15.2	10.4	103	<0.1	16.2	16.8	893	3.56	3.1	0.4	1.7	2.4	27	0.2	0.3	0.1	79	0.35	0.045
1014389	Soil	0.9	65.0	20.0	215	0.1	19.3	21.5	1052	5.10	3.5	0.5	0.6	2.9	32	0.2	0.3	0.2	110	0.40	0.032
1014391	Soil	0.4	28.4	12.9	123	<0.1	14.4	24.6	941	4.95	1.5	0.2	<0.5	1.6	27	0.1	<0.1	<0.1	92	0.49	0.075
1014393	Soil	0.6	32.9	9.0	167	0.2	19.2	23.7	1196	6.04	2.8	0.6	0.6	4.3	17	0.2	0.2	0.1	118	0.43	0.105

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Project: PED
Report Date: August 04, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028760	Soil	9	27	0.70	193	0.124	<1	1.63	0.016	0.16	0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1014331	Soil	16	37	1.65	361	0.255	<1	2.94	0.012	0.69	0.1	<0.01	6.2	0.3	<0.05	9	<0.5	<0.2
1014329	Soil	5	51	1.11	198	0.179	<1	2.17	0.010	0.22	<0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1028755	Soil	13	30	0.59	237	0.102	<1	1.58	0.016	0.07	<0.1	0.02	4.5	<0.1	<0.05	4	<0.5	<0.2
1028759	Soil	8	22	0.95	190	0.144	<1	1.63	0.015	0.34	0.2	0.02	3.0	0.2	<0.05	5	<0.5	<0.2
1028758	Soil	7	23	0.98	202	0.154	<1	1.63	0.013	0.42	0.1	0.02	2.9	0.1	<0.05	5	<0.5	<0.2
1028757	Soil	8	25	0.75	195	0.121	<1	1.57	0.014	0.20	0.1	0.02	3.3	<0.1	<0.05	5	<0.5	<0.2
1014343	Soil	3	18	1.42	161	0.193	<1	2.11	0.009	0.56	<0.1	<0.01	2.2	0.2	<0.05	7	<0.5	<0.2
1028756	Soil	8	25	0.90	208	0.140	<1	1.63	0.021	0.30	0.1	0.02	3.4	0.1	<0.05	5	<0.5	<0.2
1014349	Soil	6	26	0.52	201	0.050	<1	1.62	0.008	0.05	<0.1	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1014372	Soil	10	28	1.72	301	0.160	<1	2.86	0.008	0.14	0.2	<0.01	7.7	<0.1	<0.05	10	<0.5	<0.2
1014330	Soil	28	150	2.66	237	0.176	<1	2.72	0.012	0.24	<0.1	<0.01	16.1	0.3	<0.05	11	<0.5	1.3
1014373	Soil	3	9	1.95	349	0.317	<1	2.98	0.032	0.72	<0.1	<0.01	6.8	0.2	<0.05	7	<0.5	<0.2
1014374	Soil	14	42	0.58	213	0.104	<1	1.96	0.012	0.05	0.1	0.02	5.8	<0.1	<0.05	5	<0.5	<0.2
1014375	Soil	9	33	0.51	220	0.078	<1	1.60	0.009	0.04	<0.1	0.01	3.1	<0.1	<0.05	4	<0.5	<0.2
1014381	Soil	5	26	1.88	322	0.292	2	3.16	0.027	0.35	0.2	<0.01	3.6	0.1	<0.05	9	<0.5	<0.2
1014382	Soil	3	31	1.60	231	0.272	1	2.82	0.012	0.89	<0.1	<0.01	2.5	0.3	<0.05	8	<0.5	<0.2
1014380	Soil	7	42	1.86	349	0.334	1	3.03	0.013	0.43	0.2	<0.01	2.2	0.2	<0.05	9	<0.5	<0.2
1014376	Soil	8	23	1.28	328	0.240	2	2.67	0.010	0.56	0.1	0.01	2.4	0.3	<0.05	8	<0.5	<0.2
1014378	Soil	11	26	1.21	213	0.233	<1	2.78	0.011	0.63	<0.1	<0.01	3.6	0.3	<0.05	8	<0.5	<0.2
1014392	Soil	3	28	2.06	200	0.259	<1	2.93	0.008	0.74	<0.1	<0.01	2.1	0.2	<0.05	8	<0.5	<0.2
1014379	Soil	17	8	1.25	439	0.207	<1	2.37	0.016	0.81	<0.1	<0.01	4.2	0.2	<0.05	6	<0.5	<0.2
1014377	Soil	18	27	1.02	179	0.116	<1	2.48	0.009	0.07	<0.1	<0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
1014347	Soil	4	21	1.20	207	0.182	<1	2.01	0.007	0.62	<0.1	<0.01	1.6	0.2	<0.05	6	<0.5	<0.2
1028754	Soil	8	27	0.72	230	0.100	2	1.61	0.011	0.12	0.2	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
1014387	Soil	6	32	1.62	207	0.241	<1	2.58	0.009	0.53	0.1	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1014386	Soil	6	29	1.10	259	0.143	2	2.35	0.010	0.14	0.1	0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1014389	Soil	6	35	1.56	242	0.229	2	3.22	0.010	0.13	0.1	0.01	3.9	0.1	<0.05	10	<0.5	<0.2
1014391	Soil	3	27	2.30	199	0.289	<1	2.97	0.008	0.95	<0.1	<0.01	1.8	0.2	<0.05	8	<0.5	<0.2
1014393	Soil	7	35	2.58	220	0.102	1	3.29	0.008	0.32	<0.1	<0.01	8.5	0.1	<0.05	10	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062727	Soil	0.8	7.4	8.6	98	<0.1	8.5	6.3	262	2.32	4.2	0.2	<0.5	0.7	10	0.1	0.4	0.3	50	0.09	0.038
1062728	Soil	0.2	42.6	1.2	65	<0.1	10.5	13.1	435	3.38	1.7	0.1	<0.5	0.2	21	<0.1	<0.1	<0.1	85	0.54	0.173
1062702	Soil	0.1	28.5	2.1	53	<0.1	13.2	13.8	908	2.93	1.1	0.3	1.0	1.8	122	<0.1	0.2	<0.1	75	0.76	0.135
1014384	Soil	0.7	26.9	5.9	91	<0.1	31.7	20.2	896	4.79	4.3	0.5	7.7	3.4	22	<0.1	0.2	<0.1	101	0.42	0.056
1014388	Soil	0.5	38.2	20.1	146	<0.1	20.8	26.6	1056	6.01	3.0	0.9	0.9	4.6	30	<0.1	0.2	0.1	118	0.47	0.039
1014346	Soil	0.6	36.9	3.6	64	<0.1	16.9	17.4	517	3.54	3.3	0.3	<0.5	1.8	21	<0.1	0.2	<0.1	72	0.20	0.020
1028752	Soil	0.6	25.3	3.6	90	<0.1	16.0	19.0	780	3.92	3.4	0.7	0.7	1.7	28	<0.1	0.2	<0.1	78	0.48	0.034
1014390	Soil	0.8	18.1	14.9	121	<0.1	16.3	17.5	784	4.30	2.8	0.6	0.5	4.3	26	<0.1	0.3	0.1	91	0.38	0.036
1028753	Soil	0.9	83.2	5.7	51	<0.1	20.2	11.9	361	3.10	6.2	0.8	4.2	4.9	27	<0.1	0.3	0.1	66	0.40	0.034
1014385	Soil	0.6	11.1	5.4	84	<0.1	16.0	15.7	634	3.54	2.6	0.3	<0.5	2.4	26	0.1	0.2	<0.1	76	0.34	0.065
1014350	Soil	0.6	55.8	5.6	55	<0.1	19.0	11.1	335	2.98	6.9	0.4	2.9	3.3	15	<0.1	0.5	0.1	61	0.19	0.036
1014348	Soil	0.7	12.6	5.1	74	<0.1	18.1	19.7	755	4.26	7.1	0.2	0.6	1.3	23	<0.1	0.2	0.1	84	0.27	0.036
1014345	Soil	0.4	24.6	3.3	82	<0.1	19.6	18.6	690	4.14	5.1	0.3	<0.5	2.0	20	<0.1	0.2	<0.1	89	0.29	0.047
1028751	Soil	1.0	33.7	5.5	52	0.2	14.3	11.1	423	2.98	6.2	0.2	0.8	1.6	18	0.1	0.3	0.1	60	0.22	0.046
1014344	Soil	0.6	14.3	3.2	60	<0.1	14.2	15.8	535	3.40	3.5	0.2	<0.5	1.1	19	<0.1	0.2	<0.1	73	0.24	0.033
1055264	Soil	0.7	31.0	6.4	60	0.2	20.8	11.9	388	3.25	8.4	0.5	4.4	2.7	19	<0.1	0.4	0.1	74	0.18	0.040
1055265	Soil	0.6	22.7	6.6	56	<0.1	16.5	10.3	459	3.25	7.2	0.5	2.8	2.7	22	<0.1	0.3	0.1	60	0.18	0.040
1055267	Soil	0.3	75.6	3.3	71	<0.1	13.8	17.7	658	4.24	3.7	0.2	<0.5	1.3	40	0.1	0.1	<0.1	102	0.43	0.116
1055270	Soil	0.5	41.0	5.2	54	<0.1	16.4	10.3	371	2.64	5.3	0.5	1.1	2.1	45	<0.1	0.3	<0.1	66	0.46	0.071
1055279	Soil	0.6	53.0	3.4	79	<0.1	16.5	13.9	763	4.19	4.0	0.4	1.1	1.6	33	<0.1	0.2	<0.1	90	0.60	0.121
1014360	Soil	0.6	74.9	3.9	100	<0.1	12.4	22.6	980	5.26	2.7	0.4	<0.5	3.0	24	<0.1	0.2	0.1	100	0.40	0.047
1055266	Soil	0.2	62.0	4.7	82	<0.1	14.9	21.5	1034	5.56	2.7	0.3	<0.5	1.3	60	<0.1	0.1	<0.1	153	0.69	0.148
1055282	Soil	0.7	42.1	4.6	56	<0.1	16.7	11.2	377	3.13	5.1	0.3	2.2	1.9	30	<0.1	0.2	0.1	72	0.49	0.085
1055281	Soil	0.8	43.7	4.5	64	<0.1	20.3	13.0	468	3.17	6.0	0.4	1.3	1.8	33	0.1	0.3	<0.1	72	0.60	0.116
1055283	Soil	0.8	37.5	5.5	57	<0.1	17.8	10.5	474	2.93	5.7	0.5	2.0	1.9	32	<0.1	0.4	0.1	71	0.45	0.054
1014364	Soil	1.2	15.4	5.1	130	<0.1	14.7	20.7	896	4.64	5.0	0.3	<0.5	1.5	23	<0.1	0.3	<0.1	85	0.32	0.028
1014342	Soil	0.5	95.0	354.7	35	1.5	7.8	7.9	530	2.64	9.8	0.8	4.1	4.0	47	0.2	0.4	1.3	26	9.70	0.056
1014363	Soil	1.1	61.3	27.8	144	<0.1	17.8	23.9	1023	6.28	4.2	0.8	1.2	6.0	20	<0.1	0.1	0.1	113	0.46	0.056
1014362	Soil	0.4	16.5	3.7	133	<0.1	13.1	24.0	1775	6.41	1.9	0.7	<0.5	7.2	22	<0.1	<0.1	0.1	139	0.45	0.091
1014361	Soil	0.4	18.8	4.7	82	<0.1	10.7	22.1	650	4.01	3.2	0.3	<0.5	1.2	24	<0.1	0.2	<0.1	91	0.45	0.065

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062727	Soil	4	16	0.52	139	0.028	1	1.78	0.007	0.08	0.2	0.01	1.3	<0.1	<0.05	7	<0.5	<0.2
1062728	Soil	<1	12	1.02	272	0.211	<1	2.25	0.015	0.19	<0.1	<0.01	2.7	0.1	<0.05	7	<0.5	<0.2
1062702	Soil	7	15	1.34	111	0.095	<1	1.90	0.008	0.03	0.2	<0.01	6.1	<0.1	<0.05	6	<0.5	<0.2
1014384	Soil	8	50	1.88	282	0.259	1	3.04	0.010	0.97	<0.1	<0.01	4.4	0.3	<0.05	9	<0.5	<0.2
1014388	Soil	10	45	2.29	175	0.219	1	3.59	0.009	0.31	<0.1	0.01	6.2	0.1	<0.05	11	<0.5	<0.2
1014346	Soil	4	21	1.55	154	0.260	<1	2.60	0.008	0.97	<0.1	<0.01	1.2	0.3	<0.05	6	<0.5	<0.2
1028752	Soil	4	22	2.27	205	0.235	<1	3.21	0.009	0.65	0.1	<0.01	1.8	0.2	<0.05	10	<0.5	<0.2
1014390	Soil	8	33	1.37	164	0.128	2	2.72	0.009	0.08	<0.1	0.01	4.7	<0.1	<0.05	9	<0.5	<0.2
1028753	Soil	14	30	0.82	226	0.098	1	1.92	0.013	0.10	0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1014385	Soil	6	24	1.19	300	0.209	1	2.30	0.010	0.35	<0.1	0.01	1.8	0.2	<0.05	8	<0.5	<0.2
1014350	Soil	12	27	0.96	180	0.117	1	1.89	0.011	0.12	0.2	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1014348	Soil	2	25	1.97	265	0.146	1	2.83	0.007	0.39	0.1	<0.01	1.7	0.1	<0.05	10	<0.5	<0.2
1014345	Soil	4	18	1.90	346	0.239	1	2.86	0.011	1.16	0.1	<0.01	1.7	0.4	<0.05	8	<0.5	<0.2
1028751	Soil	5	22	0.88	238	0.119	<1	1.73	0.009	0.32	0.2	<0.01	1.4	0.1	<0.05	6	<0.5	<0.2
1014344	Soil	2	18	1.55	228	0.202	1	2.31	0.008	0.76	0.2	<0.01	0.9	0.2	<0.05	7	<0.5	<0.2
1055264	Soil	6	31	0.80	166	0.125	<1	2.82	0.011	0.08	0.1	0.04	3.6	0.1	<0.05	6	<0.5	<0.2
1055265	Soil	8	28	0.80	208	0.088	1	2.67	0.009	0.12	<0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
1055267	Soil	5	17	1.22	244	0.162	<1	2.64	0.016	0.17	<0.1	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1055270	Soil	7	26	0.78	195	0.092	<1	1.79	0.018	0.04	0.1	0.01	3.6	<0.1	<0.05	5	<0.5	<0.2
1055279	Soil	6	27	1.29	284	0.192	<1	2.26	0.018	0.30	<0.1	0.02	5.6	0.1	<0.05	8	<0.5	<0.2
1014360	Soil	8	24	1.84	344	0.122	<1	3.14	0.012	0.27	<0.1	<0.01	6.0	<0.1	<0.05	9	<0.5	<0.2
1055266	Soil	8	26	1.99	1163	0.256	1	3.32	0.015	0.41	<0.1	0.01	5.5	0.1	<0.05	10	<0.5	<0.2
1055282	Soil	6	27	0.81	226	0.113	<1	1.90	0.019	0.07	0.1	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1055281	Soil	9	28	0.90	246	0.102	<1	1.79	0.020	0.07	0.1	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1055283	Soil	9	29	0.72	254	0.113	1	1.84	0.017	0.06	0.1	0.04	3.6	<0.1	<0.05	6	<0.5	<0.2
1014364	Soil	3	30	1.94	139	0.147	1	3.01	0.009	0.03	0.1	0.01	2.4	<0.1	<0.05	8	<0.5	<0.2
1014342	Soil	18	7	0.17	399	0.004	2	0.43	0.005	0.05	<0.1	0.06	5.0	<0.1	<0.05	1	0.7	<0.2
1014363	Soil	9	43	2.36	166	0.154	<1	3.47	0.008	0.06	0.2	<0.01	6.9	<0.1	<0.05	12	<0.5	<0.2
1014362	Soil	12	19	3.25	448	0.111	<1	3.87	0.009	0.61	<0.1	<0.01	7.8	0.2	<0.05	14	<0.5	<0.2
1014361	Soil	5	21	1.59	266	0.159	<1	2.44	0.016	0.24	<0.1	<0.01	4.1	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062800	Soil	0.7	15.7	8.3	46	<0.1	18.4	7.9	180	2.91	9.5	0.5	1.5	2.5	14	<0.1	0.4	0.1	62	0.14	0.028
1062894	Soil	0.5	34.3	6.8	59	0.2	18.2	8.4	187	2.58	5.9	0.7	2.0	1.0	24	0.1	0.3	0.1	58	0.27	0.060
1062892	Soil	0.7	37.5	6.2	62	<0.1	20.4	11.1	369	2.94	7.3	0.5	2.5	1.3	26	0.1	0.3	0.2	67	0.30	0.075
1062891	Soil	1.2	18.4	10.6	44	<0.1	13.3	6.3	198	3.32	10.7	0.4	3.9	1.6	13	0.2	0.5	0.2	93	0.13	0.042
1062893	Soil	0.5	35.0	6.9	68	<0.1	21.0	11.0	310	2.91	5.8	0.7	2.9	2.7	26	<0.1	0.3	0.1	68	0.33	0.052
1062895	Soil	0.6	35.8	6.0	76	<0.1	19.4	11.2	320	3.06	5.3	0.7	2.4	2.2	29	<0.1	0.3	0.1	73	0.39	0.059
1062898	Soil	0.6	24.9	7.1	48	<0.1	22.8	12.4	441	2.88	8.9	0.5	4.8	2.7	22	<0.1	0.4	0.1	63	0.27	0.050
1062896	Soil	0.3	27.4	6.0	98	<0.1	9.4	12.5	1097	4.18	3.0	0.5	2.4	3.1	40	0.1	0.1	<0.1	57	0.53	0.141
1062897	Soil	0.7	43.5	6.9	56	<0.1	18.7	12.3	401	3.19	7.6	0.5	5.7	2.3	24	<0.1	0.3	0.1	74	0.35	0.093
1062777	Soil	0.7	36.4	7.8	53	<0.1	25.6	11.2	404	3.08	8.7	1.2	2.5	5.7	23	<0.1	0.4	0.1	68	0.22	0.021
1062778	Soil	0.7	37.9	7.7	55	<0.1	26.4	11.9	395	3.18	7.6	0.9	2.2	6.5	18	<0.1	0.5	0.1	76	0.20	0.026
1062779	Soil	0.9	37.2	6.4	33	0.2	16.7	6.8	176	1.89	4.7	1.0	1.3	0.3	15	0.3	0.3	0.2	45	0.16	0.089
1062780	Soil	0.3	54.1	1.7	42	<0.1	32.5	17.5	348	2.60	3.7	0.4	1.0	1.7	15	<0.1	0.1	<0.1	60	0.29	0.052
1062781	Soil	0.3	48.3	2.4	42	<0.1	29.3	15.0	321	2.50	4.3	0.3	4.4	1.5	13	0.1	0.2	<0.1	57	0.26	0.042
1062788	Soil	0.7	29.6	6.4	53	<0.1	21.2	11.6	312	2.82	8.0	0.5	2.8	2.5	19	<0.1	0.4	0.1	69	0.26	0.037
1062783	Soil	1.1	19.2	8.6	58	<0.1	17.8	8.4	284	3.03	8.2	0.5	1.7	1.1	14	0.2	0.4	0.2	66	0.14	0.036
1062786	Soil	1.0	21.8	9.0	55	0.1	22.8	12.2	306	3.19	10.9	0.6	3.6	3.2	16	<0.1	0.5	0.2	65	0.16	0.040
1062787	Soil	1.2	25.6	29.6	69	0.1	24.6	12.8	432	3.30	26.9	0.7	3.0	3.6	18	0.1	0.7	0.2	65	0.19	0.031
1062784	Soil	0.1	42.8	24.2	161	<0.1	21.5	27.2	1359	5.21	1.8	0.4	<0.5	1.5	37	0.2	0.1	<0.1	108	0.67	0.113
1062799	Soil	1.2	26.8	8.0	50	<0.1	23.8	10.1	276	3.34	10.6	0.5	1.8	2.7	16	<0.1	0.5	0.2	73	0.17	0.036
1014365	Soil	1.1	14.9	8.1	74	0.1	16.5	10.8	395	3.25	6.6	0.3	<0.5	2.4	19	<0.1	0.5	0.2	77	0.19	0.023
1062789	Soil	0.8	36.3	6.7	65	<0.1	23.8	13.2	354	3.41	8.7	0.7	2.3	3.0	21	<0.1	0.3	0.1	80	0.27	0.046
1062782	Soil	1.0	28.9	5.7	59	<0.1	28.8	14.8	499	3.18	7.2	0.8	<0.5	4.5	15	0.1	0.3	0.1	69	0.23	0.053
1062785	Soil	9.1	115.0	22.0	81	0.2	12.8	11.1	366	2.72	217.7	0.4	12.7	3.3	23	<0.1	0.7	0.6	11	0.09	0.028
1062796	Soil	0.7	26.1	8.1	59	0.1	19.0	9.7	279	2.86	14.8	0.7	4.1	3.4	30	0.1	0.4	0.1	59	0.28	0.065
1062794	Soil	1.2	47.7	8.8	173	<0.1	17.8	9.6	614	3.65	6.7	0.6	2.4	1.8	20	0.3	0.4	0.1	73	0.27	0.085
1062792	Soil	0.7	51.7	6.0	59	<0.1	21.9	14.1	404	3.18	9.1	0.5	3.0	2.8	32	<0.1	0.3	0.1	88	0.41	0.045
1062793	Soil	0.8	55.9	7.5	86	<0.1	25.9	15.2	629	3.89	6.7	0.8	1.8	2.8	38	0.1	0.4	0.2	85	0.38	0.040
1062790	Soil	1.0	59.3	5.8	95	0.1	21.0	19.1	431	4.28	9.0	0.6	0.6	2.9	12	0.1	0.3	<0.1	126	0.20	0.042
1062791	Soil	0.7	138.3	7.4	119	<0.1	16.2	27.6	615	5.93	11.4	0.5	2.5	1.9	21	0.2	0.2	<0.1	210	0.40	0.070

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062800	Soil	8	33	0.52	149	0.065	1	2.26	0.008	0.05	0.1	0.04	3.0	<0.1	<0.05	6	0.6	<0.2
1062894	Soil	8	27	0.62	209	0.077	2	1.98	0.012	0.05	<0.1	0.04	2.9	0.1	<0.05	6	<0.5	<0.2
1062892	Soil	8	28	0.70	238	0.090	1	1.92	0.011	0.12	0.1	0.04	3.0	<0.1	<0.05	6	<0.5	<0.2
1062891	Soil	7	26	0.43	86	0.088	1	1.97	0.008	0.04	0.2	0.03	2.6	<0.1	<0.05	9	<0.5	<0.2
1062893	Soil	10	33	0.84	285	0.127	2	1.99	0.013	0.07	0.1	0.03	4.2	0.1	<0.05	6	<0.5	<0.2
1062895	Soil	10	31	0.98	287	0.132	<1	2.03	0.014	0.08	<0.1	0.03	4.4	<0.1	<0.05	6	<0.5	<0.2
1062898	Soil	9	33	0.61	216	0.073	2	2.14	0.012	0.04	0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1062896	Soil	18	16	1.12	179	0.056	<1	2.10	0.008	0.04	<0.1	0.01	6.1	<0.1	<0.05	10	<0.5	<0.2
1062897	Soil	10	29	0.72	200	0.095	1	2.18	0.014	0.04	0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1062777	Soil	20	49	0.73	218	0.086	1	2.05	0.012	0.05	0.1	0.04	6.6	<0.1	<0.05	6	<0.5	<0.2
1062778	Soil	13	58	0.80	160	0.085	2	2.23	0.011	0.04	0.1	0.03	4.8	<0.1	<0.05	6	<0.5	<0.2
1062779	Soil	11	29	0.37	177	0.052	<1	1.39	0.012	0.06	<0.1	0.04	1.8	<0.1	<0.05	5	<0.5	<0.2
1062780	Soil	4	63	1.27	167	0.160	<1	2.13	0.015	0.36	<0.1	0.02	1.9	0.2	<0.05	5	<0.5	<0.2
1062781	Soil	4	53	1.09	142	0.136	<1	2.04	0.014	0.27	<0.1	0.01	1.9	0.2	<0.05	5	<0.5	<0.2
1062788	Soil	9	31	0.69	200	0.085	2	2.00	0.012	0.04	0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1062783	Soil	8	34	0.56	122	0.071	2	1.88	0.008	0.06	<0.1	0.02	2.2	<0.1	<0.05	7	<0.5	<0.2
1062786	Soil	10	34	0.56	203	0.068	1	2.48	0.010	0.04	0.2	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1062787	Soil	9	37	0.69	207	0.087	2	2.38	0.012	0.06	0.1	0.05	4.4	<0.1	<0.05	6	<0.5	<0.2
1062784	Soil	2	34	2.45	711	0.202	<1	2.94	0.012	0.93	<0.1	<0.01	3.2	0.3	<0.05	10	<0.5	<0.2
1062799	Soil	9	35	0.59	155	0.071	1	2.45	0.009	0.04	0.2	0.03	3.6	<0.1	<0.05	7	0.5	<0.2
1014365	Soil	7	30	0.63	188	0.082	<1	2.16	0.010	0.04	0.1	<0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1062789	Soil	11	39	0.92	221	0.118	1	2.42	0.013	0.09	0.1	0.02	4.1	<0.1	<0.05	7	<0.5	<0.2
1062782	Soil	10	56	0.96	161	0.139	2	2.04	0.010	0.28	0.1	0.02	2.7	0.2	<0.05	6	<0.5	<0.2
1062785	Soil	13	3	0.05	165	<0.001	<1	0.34	0.015	0.18	<0.1	<0.01	1.4	<0.1	0.33	<1	20.2	1.0
1062796	Soil	10	33	0.66	207	0.085	1	2.25	0.012	0.07	0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1062794	Soil	11	32	1.20	247	0.061	<1	2.12	0.010	0.06	0.1	0.06	4.0	<0.1	<0.05	7	0.9	<0.2
1062792	Soil	10	36	0.86	219	0.113	1	2.12	0.017	0.05	<0.1	0.01	5.7	<0.1	<0.05	6	<0.5	<0.2
1062793	Soil	14	49	1.30	291	0.066	<1	2.79	0.014	0.05	<0.1	0.02	7.3	<0.1	<0.05	8	<0.5	<0.2
1062790	Soil	7	36	1.27	247	0.200	1	2.82	0.013	0.35	0.1	0.03	5.8	0.2	<0.05	8	<0.5	<0.2
1062791	Soil	7	27	1.79	283	0.290	1	3.07	0.030	0.45	<0.1	<0.01	8.3	0.2	<0.05	12	0.5	<0.2

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054274	Soil	0.6	34.9	7.7	67	<0.1	26.7	15.6	495	3.36	6.1	0.9	1.1	8.3	23	<0.1	0.3	0.1	67	0.33	0.067
1062772	Soil	0.7	18.4	6.1	58	<0.1	18.3	10.4	304	2.99	6.1	0.4	0.7	2.6	26	<0.1	0.3	<0.1	56	0.28	0.067
1062770	Soil	0.8	23.1	6.5	54	<0.1	20.1	11.2	277	2.99	7.8	0.6	5.8	3.5	20	<0.1	0.4	0.1	58	0.19	0.045
1062768	Soil	1.0	19.3	11.0	51	<0.1	18.3	9.0	310	2.66	6.9	0.6	7.1	3.4	18	<0.1	0.3	0.1	63	0.26	0.042
1062769	Soil	1.1	27.0	9.7	42	0.1	19.5	9.8	255	3.08	8.8	0.6	2.4	2.6	22	0.1	0.4	0.2	68	0.21	0.038
1062767	Soil	2.7	56.3	17.4	98	0.1	41.0	23.8	793	4.76	13.1	1.7	3.5	5.8	17	0.3	0.5	0.3	90	0.20	0.063
1062766	Soil	0.9	26.7	8.2	61	<0.1	22.1	9.8	327	2.86	7.5	0.8	1.0	2.9	21	0.1	0.4	0.1	61	0.28	0.058
1062764	Soil	1.6	17.8	9.1	56	<0.1	22.8	10.0	347	3.06	7.9	0.6	2.8	2.5	21	0.1	0.3	0.2	78	0.29	0.048
1062765	Soil	1.1	32.5	9.0	62	<0.1	25.2	13.0	439	3.21	8.1	1.3	2.3	6.6	33	<0.1	0.3	0.1	65	0.28	0.061
1062773	Soil	0.3	25.9	4.8	95	<0.1	26.4	20.3	701	3.87	2.9	0.3	0.5	3.2	40	0.1	0.1	<0.1	54	0.30	0.072
1062771	Soil	0.6	26.2	5.9	58	<0.1	22.3	13.9	391	3.16	5.7	0.5	0.7	2.7	52	<0.1	0.2	<0.1	62	0.42	0.075
1054286	Soil	1.0	26.8	9.5	70	<0.1	29.2	15.3	627	3.40	7.5	0.8	1.8	4.9	23	0.2	0.3	0.2	70	0.30	0.064
1062763	Soil	1.0	27.7	7.3	66	<0.1	23.4	13.1	446	3.11	6.6	0.6	0.6	4.0	25	<0.1	0.3	0.1	67	0.38	0.056
1062756	Soil	0.7	26.9	7.4	59	<0.1	23.6	12.5	418	3.10	8.3	0.8	2.2	4.7	27	0.1	0.3	0.1	66	0.29	0.051
1062755	Soil	0.8	32.4	8.2	57	<0.1	23.1	13.0	397	3.17	7.8	0.8	1.7	4.0	36	<0.1	0.3	0.1	71	0.29	0.049
1054284	Soil	0.8	30.0	6.9	76	<0.1	25.0	15.4	491	3.16	5.5	0.5	1.4	3.1	27	0.1	0.3	0.1	69	0.41	0.076
1054275	Soil	0.7	21.9	12.9	58	<0.1	23.3	11.4	328	2.91	6.3	0.7	3.1	3.9	21	<0.1	0.3	0.2	63	0.26	0.052
1054285	Soil	0.9	30.6	10.5	67	0.1	24.3	13.6	522	3.16	5.1	0.9	2.5	4.4	27	0.1	0.3	0.1	68	0.38	0.059
1062762	Soil	3.3	46.8	6.7	73	0.2	32.7	19.5	963	3.52	5.0	0.9	2.3	2.9	38	0.3	0.3	0.1	66	0.72	0.103
1062754	Soil	0.7	32.5	9.4	65	<0.1	25.4	14.5	479	3.21	7.4	0.7	3.2	4.3	32	0.1	0.3	0.1	69	0.29	0.066
1054283	Soil	0.5	30.3	8.7	70	0.1	24.3	14.0	524	3.00	6.5	0.7	1.4	3.2	27	<0.1	0.4	0.2	58	0.37	0.078
1054273	Soil	0.6	22.1	9.3	47	<0.1	16.1	10.1	262	2.96	6.2	0.7	13.5	1.0	18	0.2	0.4	0.2	63	0.20	0.059
1054279	Soil	0.3	42.3	8.9	93	<0.1	28.0	17.4	763	3.91	5.2	0.9	1.6	10.7	32	0.1	0.3	0.1	69	0.48	0.081
1054276	Soil	0.6	21.8	14.7	60	<0.1	21.6	10.7	375	2.84	7.2	0.7	2.9	5.6	18	<0.1	0.3	0.2	57	0.23	0.064
1054278	Soil	0.2	49.7	10.6	105	<0.1	28.6	19.5	815	4.36	4.0	1.1	1.9	13.3	40	<0.1	0.2	<0.1	72	0.65	0.091
1062757	Soil	0.7	24.0	7.9	58	<0.1	22.2	10.3	389	2.86	8.2	0.9	5.1	5.3	29	<0.1	0.5	0.2	57	0.33	0.053
1054277	Soil	1.1	16.8	7.3	68	<0.1	20.4	15.4	533	3.36	8.0	0.6	2.2	4.3	19	0.2	0.3	0.2	60	0.24	0.068
1054281	Soil	0.8	15.3	9.3	46	<0.1	18.7	9.2	277	3.01	8.9	0.6	1.5	3.8	18	0.1	0.4	0.2	57	0.21	0.042
1054280	Soil	0.9	26.6	14.1	55	<0.1	21.8	10.7	511	2.94	7.6	1.1	10.2	8.6	24	0.1	0.4	0.2	56	0.36	0.065
1054282	Soil	0.6	29.1	7.1	60	<0.1	21.2	11.0	329	2.81	5.6	0.7	20.5	2.6	31	<0.1	0.4	0.1	55	0.39	0.075

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Project: PED
Report Date: August 04, 2011

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054274	Soil	25	45	1.09	211	0.117	<1	2.32	0.012	0.16	0.1	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
1062772	Soil	10	28	0.74	182	0.126	2	1.84	0.010	0.20	0.1	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1062770	Soil	13	31	0.63	168	0.100	1	2.24	0.010	0.10	0.1	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1062768	Soil	12	31	0.58	169	0.080	<1	1.94	0.009	0.06	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1062769	Soil	11	34	0.55	206	0.062	2	2.22	0.010	0.05	0.1	0.04	3.5	<0.1	<0.05	7	<0.5	<0.2
1062767	Soil	23	57	0.73	359	0.068	2	4.16	0.010	0.12	0.1	0.04	6.5	0.2	<0.05	9	0.7	<0.2
1062766	Soil	16	32	0.64	240	0.073	2	2.05	0.010	0.07	0.2	0.03	3.7	0.1	<0.05	6	0.5	<0.2
1062764	Soil	10	44	0.77	132	0.083	<1	1.56	0.007	0.07	0.1	0.02	2.7	<0.1	<0.05	8	<0.5	<0.2
1062765	Soil	16	39	0.83	264	0.090	2	2.24	0.010	0.14	0.2	0.03	4.0	0.2	<0.05	7	0.6	<0.2
1062773	Soil	8	56	1.48	234	0.182	<1	2.54	0.008	0.48	<0.1	0.01	1.9	0.2	<0.05	7	<0.5	<0.2
1062771	Soil	13	32	0.90	325	0.104	1	2.26	0.017	0.12	<0.1	0.02	3.5	<0.1	<0.05	5	<0.5	<0.2
1054286	Soil	19	47	0.96	170	0.106	1	2.24	0.011	0.13	0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1062763	Soil	13	42	0.98	198	0.094	2	2.03	0.010	0.12	0.2	0.01	3.3	0.1	<0.05	6	<0.5	<0.2
1062756	Soil	17	38	0.74	208	0.093	1	2.28	0.011	0.08	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1062755	Soil	15	45	0.81	203	0.110	<1	2.29	0.011	0.10	0.1	0.03	4.4	0.1	<0.05	6	<0.5	<0.2
1054284	Soil	12	41	1.09	205	0.125	1	1.97	0.011	0.18	0.2	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1054275	Soil	22	40	0.82	161	0.075	2	2.12	0.009	0.09	0.1	0.03	3.3	0.1	<0.05	7	<0.5	<0.2
1054285	Soil	28	44	0.98	175	0.097	1	2.00	0.011	0.11	<0.1	0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1062762	Soil	16	46	1.22	346	0.120	1	2.35	0.013	0.18	0.1	0.04	3.8	0.2	<0.05	7	<0.5	<0.2
1062754	Soil	18	43	0.87	217	0.098	1	2.42	0.011	0.08	0.1	0.03	4.0	0.1	<0.05	6	0.6	<0.2
1054283	Soil	14	39	0.95	230	0.084	1	1.92	0.009	0.13	0.2	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1054273	Soil	13	32	0.65	129	0.056	1	1.86	0.009	0.10	0.1	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
1054279	Soil	38	50	1.43	179	0.058	<1	2.44	0.008	0.19	0.1	0.01	5.1	0.2	<0.05	7	<0.5	<0.2
1054276	Soil	23	35	0.70	168	0.065	1	2.10	0.009	0.06	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1054278	Soil	55	49	1.58	160	0.018	<1	2.69	0.007	0.17	<0.1	0.01	7.0	0.1	<0.05	8	<0.5	<0.2
1062757	Soil	17	33	0.71	236	0.080	1	1.84	0.011	0.07	0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1054277	Soil	10	37	0.90	121	0.084	2	2.05	0.009	0.08	0.2	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
1054281	Soil	11	30	0.56	119	0.058	1	2.01	0.007	0.06	0.2	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1054280	Soil	30	28	0.66	174	0.039	1	1.81	0.009	0.07	0.2	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1054282	Soil	16	35	0.79	193	0.072	<1	1.78	0.009	0.09	0.1	0.02	2.9	0.1	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062758	Soil	0.9	30.2	9.4	55	<0.1	22.5	11.6	248	2.84	8.5	0.6	3.2	2.9	21	0.1	0.5	0.2	68	0.17	0.027
1062795	Soil	0.7	26.6	17.0	53	<0.1	20.6	11.5	407	3.18	7.3	0.7	2.3	3.4	23	<0.1	0.5	0.2	69	0.27	0.035
1062797	Soil	6.7	53.5	5.0	143	<0.1	13.3	7.1	736	3.92	4.4	0.8	1.6	4.3	23	<0.1	0.1	0.1	70	0.13	0.064
1062761	Soil	1.0	41.5	5.9	87	<0.1	26.1	22.5	632	3.90	5.2	0.5	1.8	4.0	27	0.2	0.3	<0.1	72	0.48	0.124
1062798	Soil	1.0	44.3	9.7	53	<0.1	24.5	13.7	436	3.11	9.4	1.3	3.5	5.0	19	<0.1	0.5	0.2	69	0.17	0.031
1062759	Soil	0.9	37.4	9.1	60	<0.1	22.6	11.9	441	3.03	8.1	1.6	2.8	7.1	18	<0.1	0.5	0.1	64	0.22	0.057
1055702	Soil	0.8	40.7	8.4	71	0.2	17.6	15.5	488	3.28	9.1	0.7	2.6	2.7	18	0.1	0.4	0.1	73	0.28	0.065
1055703	Soil	1.1	36.2	11.9	63	0.3	12.1	14.6	380	3.71	8.1	1.0	7.1	2.0	15	0.2	0.3	0.1	67	0.29	0.089
1055704	Soil	0.9	51.9	8.2	94	0.2	12.2	14.2	293	3.68	7.2	1.2	3.9	2.1	26	<0.1	0.3	0.1	85	0.24	0.067
1055705	Soil	1.1	19.7	9.9	34	<0.1	11.5	6.6	247	2.24	6.4	0.6	2.7	0.6	11	0.1	0.5	0.2	56	0.12	0.042
1055707	Soil	0.9	21.0	9.4	60	<0.1	25.6	10.4	325	2.82	8.7	0.6	3.4	1.6	16	0.1	0.4	0.2	60	0.25	0.065
1055701	Soil	1.0	22.1	10.0	63	<0.1	23.0	12.7	470	2.92	19.1	0.7	3.5	3.5	13	0.2	0.6	0.2	58	0.16	0.038
1055718	Soil	1.2	28.2	4.9	78	<0.1	12.0	16.7	242	3.69	6.2	0.7	1.3	4.3	19	<0.1	0.2	<0.1	112	0.34	0.095
1062750	Soil	0.5	8.3	50.2	102	<0.1	9.4	11.2	1655	4.11	9.4	5.9	9.8	7.6	16	<0.1	0.6	1.4	41	0.38	0.130
1012938	Soil	1.1	29.2	11.4	79	0.1	15.9	11.5	735	2.97	7.4	1.8	4.0	2.7	21	0.2	0.4	0.3	64	0.44	0.057
1012940	Soil	1.0	23.8	15.0	71	0.2	16.6	9.3	296	2.69	18.7	0.8	6.6	3.2	16	0.2	0.9	0.2	63	0.29	0.067
1062749	Soil	0.9	39.8	53.8	95	<0.1	24.0	14.2	1262	3.30	11.7	2.7	16.8	5.6	19	0.4	0.7	0.9	68	0.28	0.057
1055706	Soil	0.5	39.3	7.2	62	0.1	32.7	13.8	694	3.17	4.9	1.2	2.8	2.2	17	<0.1	0.4	0.1	75	0.34	0.077
1055712	Soil	0.2	30.1	3.8	62	<0.1	83.9	15.6	288	2.71	2.9	0.3	3.4	1.8	34	<0.1	0.2	<0.1	60	0.66	0.181
1055719	Soil	0.9	60.3	6.3	113	0.2	15.3	15.2	528	4.82	4.7	0.8	2.3	3.4	29	<0.1	0.2	<0.1	113	0.54	0.127
1055708	Soil	0.4	28.3	8.8	70	<0.1	119.3	19.2	295	3.40	4.8	0.4	4.8	2.2	22	<0.1	0.3	<0.1	88	0.56	0.125
1055710	Soil	0.3	43.5	4.4	61	<0.1	100.4	18.0	281	2.82	3.5	0.4	2.3	2.3	36	<0.1	0.2	<0.1	65	0.72	0.216
1055711	Soil	0.2	37.8	6.9	65	<0.1	76.6	17.2	220	3.01	4.8	0.5	4.9	2.6	29	<0.1	0.3	<0.1	73	0.60	0.156
1055709	Soil	0.3	44.8	4.4	63	<0.1	105.4	18.6	289	2.84	3.6	0.4	3.2	2.3	36	<0.1	0.3	<0.1	67	0.74	0.218
1055720	Soil	1.5	49.5	5.6	104	0.2	15.2	18.8	447	4.91	4.4	0.8	4.5	3.3	28	<0.1	0.3	<0.1	103	0.42	0.095
1062748	Soil	1.4	154.6	11.0	101	0.2	21.4	19.5	553	3.74	24.6	0.6	4.3	4.0	24	0.2	3.3	0.2	62	1.38	0.105
1012937	Soil	4.3	48.0	21.2	94	<0.1	15.5	12.8	1159	3.91	22.2	2.6	6.1	4.4	18	0.2	1.3	0.3	67	0.38	0.057
1012939	Soil	1.0	27.8	7.6	71	0.1	20.6	12.5	420	3.18	10.5	0.9	4.6	3.2	14	<0.1	0.4	0.2	67	0.23	0.040
1062828	Soil	1.1	26.8	6.2	75	<0.1	20.5	14.7	365	4.56	8.4	0.3	2.6	1.9	21	0.1	0.3	0.1	110	0.23	0.035
1062830	Soil	1.0	37.2	6.8	67	0.2	19.4	10.7	317	3.35	7.7	0.6	2.5	2.0	27	<0.1	0.3	0.1	77	0.30	0.075

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062758	Soil	10	34	0.57	179	0.070	2	2.10	0.010	0.05	0.1	0.02	3.5	<0.1	<0.05	6	<0.5	<0.2
1062795	Soil	14	37	0.70	232	0.070	1	2.16	0.010	0.05	<0.1	0.03	5.0	<0.1	<0.05	6	<0.5	<0.2
1062797	Soil	10	32	1.91	606	0.202	1	2.68	0.017	1.01	<0.1	<0.01	4.5	0.2	0.16	8	0.6	<0.2
1062761	Soil	10	49	1.46	272	0.169	2	2.37	0.015	0.58	0.1	0.01	2.4	0.3	<0.05	6	<0.5	<0.2
1062798	Soil	15	43	0.61	180	0.079	2	2.61	0.011	0.05	0.1	0.05	6.8	0.1	<0.05	6	<0.5	<0.2
1062759	Soil	26	35	0.67	195	0.084	1	2.03	0.009	0.08	0.2	0.05	4.9	0.1	<0.05	6	<0.5	<0.2
1055702	Soil	10	24	0.78	170	0.129	2	1.68	0.011	0.21	0.2	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
1055703	Soil	9	22	0.76	176	0.103	<1	1.76	0.012	0.20	0.1	0.06	3.9	0.2	<0.05	5	<0.5	<0.2
1055704	Soil	7	21	1.06	299	0.155	1	2.31	0.018	0.48	<0.1	0.04	3.9	0.3	<0.05	6	<0.5	<0.2
1055705	Soil	9	23	0.27	85	0.031	1	1.32	0.005	0.03	0.2	0.06	1.3	<0.1	<0.05	5	<0.5	<0.2
1055707	Soil	12	42	0.63	111	0.047	2	1.42	0.008	0.05	0.2	0.03	3.0	0.1	<0.05	5	<0.5	<0.2
1055701	Soil	11	26	0.62	113	0.087	2	1.84	0.010	0.10	0.2	0.04	3.0	0.1	<0.05	5	0.5	<0.2
1055718	Soil	11	23	1.46	323	0.119	2	2.15	0.012	0.49	<0.1	<0.01	6.8	0.3	<0.05	8	<0.5	<0.2
1062750	Soil	33	13	0.61	235	0.085	2	1.45	0.008	0.44	0.3	0.06	5.7	0.5	<0.05	5	0.6	<0.2
1012938	Soil	13	28	0.73	220	0.107	2	1.53	0.011	0.17	0.2	0.06	3.7	0.2	0.06	5	0.6	<0.2
1012940	Soil	11	28	0.82	131	0.109	<1	1.55	0.014	0.16	0.2	0.04	3.1	0.2	<0.05	5	0.6	<0.2
1062749	Soil	18	28	0.67	215	0.076	1	1.70	0.010	0.11	0.2	0.04	4.0	0.2	<0.05	5	0.7	<0.2
1055706	Soil	17	53	1.03	198	0.062	1	2.02	0.010	0.06	0.1	0.06	5.7	0.1	<0.05	6	0.5	<0.2
1055712	Soil	8	123	1.58	280	0.130	<1	1.91	0.020	0.32	0.1	<0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1055719	Soil	12	24	1.31	593	0.135	<1	2.53	0.013	0.64	<0.1	0.03	9.5	0.3	<0.05	8	0.8	<0.2
1055708	Soil	8	182	1.98	155	0.124	2	2.10	0.011	0.25	0.2	0.02	4.7	0.1	<0.05	7	<0.5	<0.2
1055710	Soil	8	124	1.66	242	0.102	2	1.86	0.019	0.24	<0.1	0.01	3.4	0.2	<0.05	6	<0.5	<0.2
1055711	Soil	10	136	1.41	211	0.104	1	2.08	0.019	0.15	0.1	0.03	4.4	0.1	<0.05	7	<0.5	<0.2
1055709	Soil	8	130	1.69	240	0.104	2	1.85	0.020	0.24	<0.1	0.01	3.4	0.2	<0.05	6	<0.5	<0.2
1055720	Soil	13	23	1.17	335	0.198	<1	2.76	0.039	0.70	<0.1	0.01	5.3	0.2	<0.05	8	0.8	<0.2
1062748	Soil	16	20	0.68	156	0.046	1	1.44	0.014	0.11	0.1	0.04	5.9	0.1	<0.05	5	0.6	<0.2
1012937	Soil	14	23	0.61	242	0.079	2	1.44	0.008	0.12	0.3	0.07	5.2	0.3	<0.05	4	0.8	<0.2
1012939	Soil	13	31	0.90	136	0.124	1	1.71	0.010	0.17	0.2	0.03	3.4	0.2	<0.05	5	0.7	<0.2
1062828	Soil	6	37	1.24	180	0.182	2	2.98	0.012	0.12	0.1	0.02	4.2	<0.1	<0.05	10	<0.5	<0.2
1062830	Soil	9	30	1.01	214	0.123	1	2.26	0.011	0.16	0.1	0.02	3.5	<0.1	<0.05	7	0.5	<0.2

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062831	Soil	1.4	14.7	9.8	48	<0.1	16.0	9.8	271	3.20	10.6	0.6	3.5	2.7	14	<0.1	0.5	0.2	68	0.14	0.038
1062826	Soil	0.9	30.1	7.3	67	<0.1	20.1	13.4	334	4.02	8.6	0.3	2.8	1.7	21	<0.1	0.3	0.1	98	0.21	0.026
1062829	Soil	1.0	34.9	7.4	58	<0.1	23.0	11.5	395	3.08	9.0	0.8	3.6	2.9	25	<0.1	0.4	0.1	69	0.27	0.055
1062818	Soil	0.5	25.0	4.8	58	<0.1	16.5	11.3	337	2.99	5.4	0.4	3.0	1.9	26	<0.1	0.3	<0.1	68	0.31	0.065
1062827	Soil	0.4	47.9	3.9	77	<0.1	18.1	18.0	482	3.92	3.0	0.3	2.2	1.5	40	<0.1	0.1	<0.1	98	0.58	0.082
1062819	Soil	1.1	29.2	6.9	62	<0.1	17.7	14.2	439	4.28	8.8	0.4	2.3	1.8	16	<0.1	0.4	0.1	92	0.26	0.068

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000599.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062831	Soil	9	34	0.49	149	0.065	1	2.53	0.009	0.04	0.1	0.03	2.9	<0.1	<0.05	6	0.6	<0.2
1062826	Soil	6	33	1.07	227	0.165	2	2.78	0.013	0.11	<0.1	0.02	3.9	<0.1	<0.05	8	0.5	<0.2
1062829	Soil	13	33	0.72	316	0.086	1	2.19	0.011	0.08	0.1	0.03	5.0	0.1	<0.05	6	0.7	<0.2
1062818	Soil	7	25	0.94	264	0.125	<1	2.02	0.011	0.20	<0.1	0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1062827	Soil	6	34	1.62	351	0.196	<1	2.45	0.028	0.24	<0.1	0.02	4.9	<0.1	<0.05	8	<0.5	<0.2
1062819	Soil	7	32	0.95	140	0.104	2	2.44	0.014	0.11	0.1	0.02	3.6	<0.1	<0.05	8	<0.5	<0.2

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Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000599.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1055272	Soil	0.5	54.7	7.5	67	<0.1	23.6	16.2	649	3.86	6.2	0.6	3.7	2.7	37	<0.1	0.3	0.1	100	0.52	0.060
REP 1055272	QC	0.5	51.8	7.5	65	<0.1	22.5	16.0	615	3.58	5.7	0.6	2.1	2.6	35	<0.1	0.4	<0.1	95	0.48	0.058
1015435	Soil	1.2	16.9	26.9	57	<0.1	20.2	9.2	497	2.89	11.6	0.9	1.3	10.5	31	0.1	0.8	0.9	66	0.27	0.023
REP 1015435	QC	1.3	16.9	26.9	55	<0.1	20.5	8.7	495	2.80	11.0	0.9	1.2	10.9	28	<0.1	0.8	1.0	62	0.26	0.022
1062725	Soil	1.1	15.9	9.7	58	0.1	14.0	10.8	498	3.33	7.3	0.3	2.4	2.1	18	0.1	0.5	0.4	78	0.15	0.045
REP 1062725	QC	1.2	15.8	10.0	58	0.1	14.8	11.4	517	3.41	7.5	0.4	1.7	2.2	21	0.1	0.5	0.3	80	0.16	0.044
1014303	Soil	1.1	29.1	7.3	73	<0.1	22.7	10.1	293	3.18	11.6	0.6	2.8	3.7	18	<0.1	0.4	0.1	68	0.19	0.025
REP 1014303	QC	1.2	28.0	7.3	69	<0.1	22.2	10.7	303	3.18	11.9	0.6	0.7	4.0	18	<0.1	0.4	0.2	67	0.21	0.024
]1014316	Soil	0.9	254.6	5.2	70	<0.1	13.6	14.1	536	4.53	6.2	0.6	1.0	6.0	20	<0.1	0.3	<0.1	77	0.36	0.066
REP]1014316	QC	0.8	269.9	5.5	75	<0.1	14.3	14.4	556	4.59	6.5	0.6	3.2	5.8	21	0.1	0.3	<0.1	80	0.36	0.068
1014349	Soil	1.3	13.6	7.9	51	<0.1	14.9	9.5	307	2.64	5.1	0.4	1.6	2.3	15	<0.1	0.4	0.1	65	0.18	0.024
REP 1014349	QC	1.3	15.0	8.2	55	<0.1	14.8	10.0	329	2.67	5.5	0.4	1.3	2.3	16	<0.1	0.4	0.1	68	0.19	0.024
1028754	Soil	0.7	43.5	6.3	49	<0.1	17.9	11.2	384	2.62	6.2	0.5	1.7	2.7	24	<0.1	0.4	0.1	60	0.36	0.031
REP 1028754	QC	0.8	43.8	6.2	47	0.1	18.0	11.1	401	2.71	6.9	0.5	1.4	2.7	25	<0.1	0.4	0.2	64	0.37	0.033
1028753	Soil	0.9	83.2	5.7	51	<0.1	20.2	11.9	361	3.10	6.2	0.8	4.2	4.9	27	<0.1	0.3	0.1	66	0.40	0.034
REP 1028753	QC	0.9	82.3	5.6	50	<0.1	19.2	11.6	353	2.96	5.8	0.8	4.4	4.7	25	<0.1	0.3	0.1	63	0.39	0.034
1055265	Soil	0.6	22.7	6.6	56	<0.1	16.5	10.3	459	3.25	7.2	0.5	2.8	2.7	22	<0.1	0.3	0.1	60	0.18	0.040
REP 1055265	QC	0.6	23.3	6.8	56	<0.1	17.2	10.1	455	3.23	7.6	0.5	1.3	2.7	21	<0.1	0.3	0.1	61	0.18	0.041
1062781	Soil	0.3	48.3	2.4	42	<0.1	29.3	15.0	321	2.50	4.3	0.3	4.4	1.5	13	0.1	0.2	<0.1	57	0.26	0.042
REP 1062781	QC	0.4	47.7	2.4	42	<0.1	28.5	15.0	315	2.50	4.1	0.3	1.7	1.5	14	0.1	0.1	<0.1	57	0.26	0.042
1062792	Soil	0.7	51.7	6.0	59	<0.1	21.9	14.1	404	3.18	9.1	0.5	3.0	2.8	32	<0.1	0.3	0.1	88	0.41	0.045
REP 1062792	QC	0.6	51.0	6.3	60	<0.1	23.4	14.2	398	3.17	9.3	0.5	4.1	2.8	31	<0.1	0.4	0.1	87	0.43	0.045
1054285	Soil	0.9	30.6	10.5	67	0.1	24.3	13.6	522	3.16	5.1	0.9	2.5	4.4	27	0.1	0.3	0.1	68	0.38	0.059
REP 1054285	QC	0.7	29.8	10.1	67	0.1	23.4	13.1	509	3.10	5.0	0.9	3.2	4.2	27	<0.1	0.2	0.1	66	0.39	0.062
1054277	Soil	1.1	16.8	7.3	68	<0.1	20.4	15.4	533	3.36	8.0	0.6	2.2	4.3	19	0.2	0.3	0.2	60	0.24	0.068
REP 1054277	QC	0.9	17.0	7.4	68	<0.1	21.7	15.3	547	3.35	7.8	0.6	1.2	4.3	19	0.1	0.4	0.1	63	0.25	0.072
1055720	Soil	1.5	49.5	5.6	104	0.2	15.2	18.8	447	4.91	4.4	0.8	4.5	3.3	28	<0.1	0.3	<0.1	103	0.42	0.095
REP 1055720	QC	1.7	51.3	5.5	105	0.2	15.0	19.0	442	4.82	4.0	0.8	4.8	3.2	26	<0.1	0.3	<0.1	101	0.41	0.092

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000599.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1055272	Soil	11	38	1.08	256	0.133	<1	2.41	0.023	0.06	0.1	0.03	7.0	<0.1	<0.05	7	<0.5	<0.2
REP 1055272	QC	11	35	1.05	254	0.122	<1	2.38	0.022	0.06	<0.1	0.03	6.6	<0.1	<0.05	7	<0.5	<0.2
1015435	Soil	12	35	0.51	281	0.069	<1	2.24	0.010	0.08	0.2	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
REP 1015435	QC	11	33	0.50	265	0.057	<1	2.13	0.009	0.08	0.2	<0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1062725	Soil	7	27	0.57	163	0.079	<1	1.91	0.010	0.06	0.1	0.01	2.5	0.1	<0.05	8	<0.5	<0.2
REP 1062725	QC	8	29	0.59	165	0.096	<1	2.02	0.011	0.07	0.1	0.01	2.8	0.1	<0.05	8	<0.5	<0.2
1014303	Soil	8	37	0.52	256	0.099	2	1.97	0.011	0.15	<0.1	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
REP 1014303	QC	9	38	0.55	258	0.111	2	1.98	0.018	0.16	<0.1	<0.01	4.1	0.1	<0.05	7	<0.5	<0.2
]1014316	Soil	9	24	1.19	299	0.206	<1	2.35	0.010	0.77	0.1	<0.01	3.7	0.2	<0.05	9	<0.5	<0.2
REP]1014316	QC	9	26	1.23	308	0.207	1	2.47	0.010	0.81	0.1	<0.01	4.0	0.2	<0.05	9	0.5	<0.2
1014349	Soil	6	26	0.52	201	0.050	<1	1.62	0.008	0.05	<0.1	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
REP 1014349	QC	6	27	0.54	210	0.052	<1	1.69	0.008	0.05	0.1	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1028754	Soil	8	27	0.72	230	0.100	2	1.61	0.011	0.12	0.2	0.01	2.7	<0.1	<0.05	5	<0.5	<0.2
REP 1028754	QC	8	26	0.73	245	0.107	2	1.74	0.012	0.13	0.1	0.02	2.7	<0.1	<0.05	5	<0.5	<0.2
1028753	Soil	14	30	0.82	226	0.098	1	1.92	0.013	0.10	0.1	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
REP 1028753	QC	14	29	0.81	222	0.094	1	1.84	0.012	0.10	<0.1	0.02	4.7	<0.1	<0.05	5	<0.5	<0.2
1055265	Soil	8	28	0.80	208	0.088	1	2.67	0.009	0.12	<0.1	0.02	4.1	<0.1	<0.05	6	<0.5	<0.2
REP 1055265	QC	8	28	0.81	210	0.090	1	2.67	0.009	0.12	0.1	0.03	4.0	<0.1	<0.05	7	<0.5	<0.2
1062781	Soil	4	53	1.09	142	0.136	<1	2.04	0.014	0.27	<0.1	0.01	1.9	0.2	<0.05	5	<0.5	<0.2
REP 1062781	QC	4	52	1.06	141	0.133	<1	1.98	0.014	0.27	<0.1	<0.01	1.9	0.2	<0.05	5	<0.5	<0.2
1062792	Soil	10	36	0.86	219	0.113	1	2.12	0.017	0.05	<0.1	0.01	5.7	<0.1	<0.05	6	<0.5	<0.2
REP 1062792	QC	10	35	0.88	218	0.113	1	2.15	0.017	0.06	<0.1	0.02	5.6	<0.1	<0.05	7	<0.5	<0.2
1054285	Soil	28	44	0.98	175	0.097	1	2.00	0.011	0.11	<0.1	0.01	3.8	0.1	<0.05	7	<0.5	<0.2
REP 1054285	QC	28	44	0.97	171	0.097	1	2.00	0.011	0.11	<0.1	0.03	3.7	0.1	<0.05	7	0.6	<0.2
1054277	Soil	10	37	0.90	121	0.084	2	2.05	0.009	0.08	0.2	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
REP 1054277	QC	10	37	0.94	124	0.086	1	2.10	0.008	0.08	0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1055720	Soil	13	23	1.17	335	0.198	<1	2.76	0.039	0.70	<0.1	0.01	5.3	0.2	<0.05	8	0.8	<0.2
REP 1055720	QC	13	24	1.16	333	0.190	<1	2.70	0.037	0.70	<0.1	<0.01	5.2	0.2	<0.05	8	<0.5	<0.2

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Suite 680-789 West Pender St
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Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000599.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard	11.7	109.1	127.3	308	1.7	36.9	7.2	580	2.43	26.1	2.6	109.7	6.5	64	2.3	5.5	6.8	40	0.62	0.077
STD DS8	Standard	11.1	101.9	118.0	297	1.7	35.4	6.8	579	2.31	25.1	2.5	134.2	6.0	63	2.2	5.3	6.4	38	0.61	0.070
STD DS8	Standard	13.2	105.3	123.2	322	1.9	36.8	7.1	612	2.40	25.2	3.0	271.5	7.6	79	2.2	6.4	7.4	41	0.71	0.082
STD DS8	Standard	13.0	102.8	118.9	316	1.7	36.5	7.3	597	2.41	25.2	3.0	107.3	7.4	78	2.2	6.2	7.3	40	0.72	0.076
STD DS8	Standard	13.0	113.4	115.4	319	1.8	40.2	7.9	629	2.50	27.5	2.6	112.4	6.4	60	2.6	5.5	6.0	42	0.70	0.082
STD DS8	Standard	13.6	111.1	116.2	312	1.8	37.8	7.7	609	2.36	25.9	2.6	107.4	6.4	61	2.3	5.1	6.0	42	0.67	0.077
STD DS8	Standard	13.1	109.9	114.8	310	1.8	37.8	7.4	609	2.46	26.4	2.6	126.1	6.5	62	2.3	5.3	6.3	44	0.66	0.079
STD DS8	Standard	12.6	106.0	111.9	296	1.7	35.7	7.0	587	2.36	24.6	2.5	109.6	6.1	61	2.3	5.6	5.8	41	0.65	0.078
STD DS8	Standard	12.0	106.0	124.0	308	1.7	37.6	7.5	592	2.45	25.5	2.7	108.7	6.5	60	2.4	5.5	6.3	41	0.65	0.078
STD DS8	Standard	12.8	109.3	129.0	315	1.7	37.5	7.7	586	2.39	25.9	2.8	113.0	6.6	61	2.4	5.5	6.4	42	0.68	0.079
STD DS8	Standard	13.1	112.7	124.3	318	1.8	38.6	7.6	593	2.46	26.7	2.7	114.0	6.4	68	2.4	5.9	7.2	42	0.66	0.081
STD DS8	Standard	13.3	114.4	120.1	322	1.8	38.8	8.2	618	2.51	27.1	2.7	115.0	6.3	69	2.5	5.8	6.9	43	0.67	0.083
STD DS8	Standard	13.1	111.2	124.9	313	1.7	37.8	7.7	625	2.50	27.1	2.7	110.2	7.3	67	2.5	5.4	6.5	46	0.72	0.078
STD DS8	Standard	13.8	117.3	127.8	332	1.9	42.4	7.5	656	2.72	28.0	2.7	106.8	7.4	70	2.3	5.5	6.6	49	0.75	0.086
STD DS8	Standard	12.2	109.2	109.9	307	1.8	36.6	7.3	612	2.47	28.5	2.5	121.8	5.9	61	2.4	5.5	6.5	42	0.67	0.086
STD DS8	Standard	12.3	107.9	111.3	307	1.7	37.2	7.3	609	2.46	27.3	2.5	114.6	5.9	60	2.5	5.6	6.3	41	0.66	0.081
STD DS8	Standard	11.6	97.6	110.0	267	1.6	32.1	6.7	518	2.10	23.2	2.6	97.3	6.5	58	2.0	5.1	6.0	38	0.57	0.073
STD DS8	Standard	13.3	112.2	123.3	317	1.8	38.9	7.7	608	2.49	27.1	2.8	112.3	6.6	72	2.2	5.5	6.6	42	0.68	0.080
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000599.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS8	Standard	12	115	0.60	262	0.103	2	0.87	0.092	0.41	2.7	0.22	2.7	5.3	0.17	5	4.3	4.8
STD DS8	Standard	12	106	0.57	251	0.102	3	0.82	0.077	0.39	2.8	0.20	2.1	5.0	0.12	4	4.0	5.5
STD DS8	Standard	17	112	0.61	284	0.134	2	0.92	0.088	0.43	3.1	0.21	2.0	5.3	0.16	5	4.8	5.1
STD DS8	Standard	17	111	0.59	282	0.137	3	0.90	0.085	0.42	2.9	0.20	2.0	5.3	0.14	5	5.8	4.7
STD DS8	Standard	14	118	0.62	279	0.112	3	0.90	0.083	0.42	3.0	0.23	1.9	5.3	0.17	5	5.3	5.2
STD DS8	Standard	14	116	0.60	281	0.115	2	0.88	0.081	0.40	3.0	0.22	1.9	5.3	0.15	5	4.8	5.0
STD DS8	Standard	14	118	0.60	275	0.113	3	0.89	0.083	0.41	3.0	0.19	2.1	5.4	0.16	5	5.3	4.9
STD DS8	Standard	13	110	0.58	264	0.108	2	0.84	0.081	0.41	2.8	0.19	1.8	5.1	0.14	4	5.5	4.6
STD DS8	Standard	13	114	0.59	275	0.109	3	0.85	0.081	0.41	2.9	0.20	2.0	5.2	0.15	4	5.5	4.8
STD DS8	Standard	14	118	0.59	274	0.112	3	0.86	0.086	0.42	2.8	0.20	1.9	5.3	0.13	4	5.1	4.7
STD DS8	Standard	13	118	0.61	273	0.120	2	0.89	0.081	0.41	3.1	0.21	1.9	5.5	0.15	5	5.3	4.4
STD DS8	Standard	14	122	0.63	285	0.123	3	0.90	0.085	0.41	3.2	0.19	1.9	5.3	0.17	5	5.1	4.8
STD DS8	Standard	15	122	0.60	276	0.125	4	0.91	0.090	0.40	3.2	0.22	2.4	5.3	0.15	5	6.1	5.1
STD DS8	Standard	17	127	0.60	295	0.129	2	0.98	0.096	0.44	3.0	0.22	2.6	5.5	0.19	5	5.9	5.5
STD DS8	Standard	12	113	0.62	283	0.104	2	0.88	0.086	0.42	3.3	0.22	1.9	5.4	0.15	4	5.2	5.5
STD DS8	Standard	12	112	0.61	275	0.105	3	0.87	0.084	0.41	3.1	0.21	1.8	5.4	0.16	5	5.4	4.9
STD DS8	Standard	13	101	0.53	247	0.107	2	0.81	0.075	0.35	2.6	0.17	1.6	4.7	0.13	4	4.3	4.5
STD DS8	Standard	15	116	0.59	284	0.124	3	0.92	0.099	0.44	2.9	0.21	2.6	5.5	0.12	5	4.9	5.0
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000599.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000599.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Smithers
Received: July 15, 2011
Report Date: August 06, 2011
Page: 1 of 12

CERTIFICATE OF ANALYSIS WHI11000600.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID: PED2011-19
P.O. Number
Number of Samples: 310

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	304	Dry at 60C sieve 100g to -80 mesh			SMI
Dry at 60C	304	Dry at 60C			SMI
1DX2	303	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062813	Soil	1.0	35.4	7.2	53	<0.1	19.7	11.1	334	3.09	9.1	0.7	5.2	3.0	21	<0.1	0.4	0.1	72	0.24	0.053
1062815	Soil	0.9	34.9	6.9	51	<0.1	17.8	9.4	219	2.78	7.3	0.6	2.3	1.8	19	<0.1	0.4	0.1	66	0.24	0.065
1062810	Soil	0.6	50.1	5.7	56	<0.1	18.5	12.4	367	2.91	6.2	0.5	1.7	2.1	18	<0.1	0.3	0.1	75	0.26	0.040
1062811	Soil	0.7	43.5	5.8	51	<0.1	18.7	14.5	360	3.24	7.2	0.4	3.1	2.2	25	<0.1	0.3	0.1	87	0.26	0.032
1062805	Soil	0.6	71.9	4.8	61	<0.1	15.4	19.9	616	3.58	6.0	0.8	2.6	2.0	32	<0.1	0.3	<0.1	83	0.62	0.125
1062801	Soil	0.5	44.8	4.6	56	<0.1	18.6	13.3	388	2.95	5.0	0.5	3.0	1.9	30	<0.1	0.2	<0.1	71	0.43	0.073
1062806	Soil	1.3	38.2	7.3	43	<0.1	14.5	7.4	214	2.97	8.5	0.4	4.0	1.0	24	0.1	0.5	0.1	86	0.24	0.059
1062808	Soil	0.7	22.9	4.1	13	0.1	6.0	2.1	39	1.02	2.0	0.5	2.0	<0.1	13	0.1	0.1	0.1	20	0.12	0.069
1062809	Soil	0.9	31.8	6.8	53	<0.1	18.5	11.3	340	3.12	8.0	0.6	3.3	2.0	17	<0.1	0.4	0.1	76	0.20	0.043
1062814	Soil	0.8	32.1	6.9	56	<0.1	18.2	11.6	351	3.35	8.9	0.5	2.9	2.2	20	0.1	0.3	0.2	79	0.23	0.055
1062803	Soil	0.3	44.7	2.8	119	<0.1	38.6	25.2	841	5.46	3.5	0.2	0.6	0.8	70	<0.1	0.1	<0.1	126	0.37	0.051
1062804	Soil	1.2	13.8	10.0	40	<0.1	8.5	4.5	172	2.18	6.6	0.4	2.5	0.3	16	0.2	0.3	0.3	65	0.16	0.096
1062822	Soil	0.6	18.1	7.7	25	<0.1	8.0	3.9	121	1.77	4.4	0.4	<0.5	0.2	16	0.1	0.2	0.2	44	0.17	0.039
1062821	Soil	0.9	21.8	6.9	62	<0.1	17.4	12.3	446	3.52	7.4	0.6	0.6	2.3	24	<0.1	0.3	0.2	74	0.28	0.046
1062820	Soil	0.7	15.8	8.1	49	<0.1	13.7	7.7	207	3.21	9.0	0.5	1.9	1.9	17	<0.1	0.3	0.2	75	0.17	0.042
1062816	Soil	1.0	35.5	8.1	50	<0.1	20.2	11.0	411	2.94	9.6	0.9	3.5	3.2	20	<0.1	0.4	0.2	66	0.22	0.053
1062812	Soil	1.0	57.8	7.8	57	0.1	22.1	13.8	433	3.57	10.2	0.8	4.3	2.7	26	<0.1	0.3	0.3	85	0.30	0.054
1062825	Soil	0.8	40.7	7.0	70	<0.1	17.7	13.6	454	3.91	6.0	0.5	2.2	2.0	32	<0.1	0.2	0.1	93	0.38	0.039
1062823	Soil	0.8	15.5	7.1	23	<0.1	7.0	2.8	102	1.48	4.9	0.4	2.8	<0.1	16	0.3	0.2	0.2	59	0.14	0.033
1062824	Soil	1.0	33.1	8.5	66	<0.1	19.0	12.1	430	3.91	8.8	0.5	1.9	1.6	30	0.1	0.3	0.2	92	0.30	0.048
1062817	Soil	0.6	25.6	6.2	51	<0.1	15.0	9.5	255	2.81	5.6	0.5	1.0	2.2	20	<0.1	0.3	0.1	78	0.32	0.061
1062807	Soil	0.6	34.8	5.7	52	<0.1	17.2	10.5	299	2.89	6.2	0.5	3.1	0.9	18	0.1	0.3	0.1	69	0.24	0.050
1062802	Soil	0.8	16.3	8.6	33	<0.1	12.3	6.1	178	2.97	8.8	0.5	2.3	0.8	16	<0.1	0.4	0.2	75	0.17	0.040
1015302	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1015303	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1062760	Soil	0.7	40.2	7.8	76	<0.1	26.2	14.3	522	3.53	6.4	1.8	1.3	9.6	35	<0.1	0.3	0.1	68	0.57	0.078
1014366	Soil	0.5	69.9	11.4	62	<0.1	9.2	12.2	371	4.24	2.8	0.8	0.6	8.7	16	<0.1	0.2	0.4	73	0.20	0.021
1014367	Soil	1.2	10.0	8.7	94	<0.1	13.4	11.1	609	3.88	7.4	0.3	2.5	2.1	19	0.2	0.3	0.1	96	0.25	0.060
1014368	Soil	0.7	18.8	8.0	89	<0.1	13.6	14.5	731	4.00	4.3	0.7	<0.5	3.9	15	0.1	0.3	0.1	77	0.20	0.024
1014370	Soil	0.9	37.8	7.1	78	<0.1	17.0	13.5	689	4.66	5.9	0.7	<0.5	5.4	36	<0.1	0.2	0.1	72	0.37	0.035

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062813	Soil		11	34	0.65	237	0.085	1	2.35	0.012	0.07	0.1	0.04	4.7	<0.1	<0.05	6	0.6	<0.2
1062815	Soil		10	27	0.64	236	0.073	1	1.95	0.011	0.10	0.1	0.03	3.5	<0.1	<0.05	6	<0.5	<0.2
1062810	Soil		10	31	0.77	230	0.103	1	2.03	0.013	0.06	0.1	0.02	4.2	<0.1	<0.05	6	0.5	<0.2
1062811	Soil		8	32	0.86	204	0.114	2	2.52	0.017	0.06	<0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1062805	Soil		10	24	0.68	179	0.079	<1	2.23	0.040	0.04	0.1	0.03	7.2	<0.1	<0.05	6	<0.5	<0.2
1062801	Soil		8	28	0.88	208	0.109	<1	2.06	0.017	0.04	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1062806	Soil		7	33	0.46	86	0.090	<1	1.67	0.016	0.04	0.1	0.03	2.9	<0.1	<0.05	8	<0.5	<0.2
1062808	Soil		6	14	0.10	172	0.006	1	0.89	0.012	0.03	<0.1	0.06	0.2	<0.1	0.06	3	<0.5	<0.2
1062809	Soil		9	32	0.75	209	0.089	<1	2.30	0.011	0.06	0.1	0.02	3.8	<0.1	<0.05	6	0.6	<0.2
1062814	Soil		9	32	0.73	200	0.094	3	2.48	0.012	0.07	0.1	0.03	4.0	<0.1	<0.05	7	<0.5	<0.2
1062803	Soil		4	33	1.73	393	0.290	2	3.67	0.019	0.66	<0.1	0.01	5.7	0.2	<0.05	11	<0.5	<0.2
1062804	Soil		8	20	0.28	119	0.040	2	1.38	0.011	0.03	<0.1	0.02	1.4	<0.1	<0.05	8	0.5	<0.2
1062822	Soil		7	18	0.27	139	0.036	2	1.26	0.011	0.03	<0.1	0.02	1.3	<0.1	<0.05	6	<0.5	<0.2
1062821	Soil		10	29	0.95	241	0.116	1	2.34	0.010	0.10	0.1	0.02	4.1	<0.1	<0.05	7	0.5	<0.2
1062820	Soil		8	25	0.68	145	0.111	2	1.98	0.009	0.10	<0.1	0.03	3.2	<0.1	<0.05	8	<0.5	<0.2
1062816	Soil		14	33	0.62	261	0.076	2	2.11	0.012	0.06	0.1	0.06	5.2	<0.1	<0.05	6	<0.5	<0.2
1062812	Soil		10	36	0.77	289	0.094	1	2.72	0.014	0.08	<0.1	0.05	5.3	0.1	<0.05	7	<0.5	<0.2
1062825	Soil		8	32	1.08	353	0.163	2	2.56	0.016	0.08	<0.1	0.02	4.8	<0.1	<0.05	8	<0.5	<0.2
1062823	Soil		7	15	0.18	114	0.046	2	0.82	0.009	0.04	<0.1	0.04	0.7	<0.1	<0.05	6	<0.5	<0.2
1062824	Soil		9	36	0.84	245	0.102	1	2.69	0.012	0.06	<0.1	0.02	4.9	<0.1	<0.05	9	<0.5	<0.2
1062817	Soil		9	29	0.83	220	0.119	2	1.70	0.012	0.12	0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1062807	Soil		8	29	0.73	226	0.090	2	1.90	0.015	0.10	<0.1	0.02	3.1	<0.1	<0.05	6	<0.5	<0.2
1062802	Soil		8	30	0.40	127	0.070	2	1.94	0.010	0.03	0.1	0.04	2.4	<0.1	<0.05	7	<0.5	<0.2
1015302	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1015303	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1062760	Soil		27	43	1.11	178	0.107	3	2.21	0.020	0.16	0.1	0.03	6.6	0.2	<0.05	7	<0.5	<0.2
1014366	Soil		21	15	1.24	158	0.014	1	3.18	0.011	0.11	<0.1	<0.01	6.2	<0.1	<0.05	8	<0.5	<0.2
1014367	Soil		6	25	1.09	242	0.120	3	2.38	0.008	0.13	0.1	0.01	3.7	<0.1	<0.05	9	<0.5	<0.2
1014368	Soil		11	22	0.84	283	0.035	1	2.20	0.008	0.12	<0.1	0.01	5.0	<0.1	<0.05	6	<0.5	<0.2
1014370	Soil		8	29	1.08	266	0.150	2	2.65	0.009	0.17	0.2	<0.01	3.2	<0.1	<0.05	9	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014369	Soil	0.9	16.6	7.1	55	0.2	15.9	8.5	313	2.78	5.5	0.4	<0.5	2.6	20	<0.1	0.4	0.2	73	0.20	0.019
1015306	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1014371	Soil	1.3	39.2	6.8	77	<0.1	17.5	17.5	722	4.56	6.1	1.2	<0.5	8.7	28	<0.1	0.3	0.1	80	0.30	0.035
1055714	Soil	0.6	15.5	7.6	70	0.1	19.8	8.7	272	2.67	6.8	0.4	2.2	2.0	20	0.2	0.3	0.1	60	0.25	0.059
1055716	Soil	1.4	98.6	5.7	110	0.1	15.8	35.9	456	6.23	6.5	0.4	1.8	1.1	22	<0.1	0.2	<0.1	116	0.34	0.115
1055717	Soil	1.9	69.8	6.9	80	0.3	9.8	18.0	494	7.40	7.6	0.8	0.9	5.2	29	0.2	0.2	<0.1	133	0.18	0.078
1055727	Soil	0.7	20.4	9.8	80	<0.1	17.3	10.5	388	2.82	7.2	0.8	3.5	2.5	25	<0.1	0.3	0.1	60	0.32	0.062
1055726	Soil	0.8	22.3	11.3	77	0.2	18.2	10.0	302	2.95	7.7	0.8	4.8	1.6	23	0.1	0.3	0.3	64	0.29	0.076
1055725	Soil	0.7	23.7	9.2	71	<0.1	18.0	10.8	317	2.79	6.3	0.6	1.2	2.0	21	<0.1	0.3	0.1	63	0.30	0.073
1055713	Soil	0.7	56.3	13.1	55	0.2	24.8	19.4	214	3.41	14.4	0.8	4.2	2.8	18	<0.1	0.5	0.2	66	0.24	0.046
1055715	Soil	1.1	28.1	12.4	103	0.1	12.1	18.8	680	4.33	73.8	1.1	1.5	4.8	19	0.2	0.7	<0.1	69	0.31	0.077
1055725	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1055721	Soil	1.3	25.6	7.8	72	<0.1	17.2	13.2	416	3.11	8.6	0.7	3.4	3.3	19	<0.1	0.3	0.1	66	0.24	0.051
1055722	Soil	0.8	26.1	7.6	59	0.1	12.6	8.6	281	2.80	7.9	0.7	1.9	0.7	17	0.1	0.4	0.1	66	0.21	0.056
1055724	Soil	0.5	23.8	7.9	67	<0.1	16.8	10.2	263	2.49	4.6	0.9	2.2	3.1	25	<0.1	0.3	0.1	56	0.37	0.073
1062901	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1062915	Soil	1.2	20.1	40.0	61	0.1	20.6	8.3	367	2.65	8.6	1.0	3.6	4.4	16	0.2	0.4	0.4	55	0.23	0.061
1062917	Soil	0.7	21.1	7.3	60	0.1	21.5	10.8	457	2.61	7.4	0.7	3.0	2.6	21	<0.1	0.4	0.2	57	0.33	0.068
1062908	Soil	0.8	50.6	10.5	80	0.3	14.6	15.1	281	3.67	8.2	1.2	4.1	2.1	21	0.2	0.3	0.2	78	0.20	0.059
1062911	Soil	1.1	36.6	6.7	61	0.2	17.0	20.7	1120	3.52	10.1	0.7	3.9	1.6	23	0.1	0.3	0.1	79	0.42	0.048
1062903	Soil	0.7	19.3	12.5	50	0.1	14.5	7.4	185	2.52	11.0	1.2	2.5	2.7	13	<0.1	0.5	0.3	53	0.15	0.029
1054371	Soil	0.5	33.9	9.3	87	0.1	46.0	13.4	222	2.68	4.8	0.5	1.9	1.8	18	0.3	0.3	0.1	57	0.27	0.068
1062907	Soil	0.7	29.3	8.0	55	0.2	10.7	7.7	180	2.74	7.7	0.7	5.8	1.2	14	<0.1	0.3	0.1	59	0.16	0.055
1062910	Soil	0.6	38.7	5.3	145	0.2	12.2	29.3	569	4.97	4.8	0.3	2.0	1.0	46	<0.1	<0.1	<0.1	94	0.13	0.058
1054372	Soil	0.5	20.0	6.3	57	<0.1	23.3	10.9	393	2.41	7.4	0.6	1.0	3.8	14	0.1	0.4	0.1	46	0.21	0.045
1062912	Soil	0.8	38.0	7.2	57	<0.1	18.7	13.3	328	3.09	6.5	0.4	2.7	2.0	12	0.1	0.3	0.1	69	0.20	0.051
1062904	Soil	2.3	23.0	23.7	86	0.6	14.2	8.2	402	2.99	33.6	1.7	5.3	5.4	17	0.4	0.6	0.8	49	0.13	0.033
1062905	Soil	1.6	27.9	22.9	72	0.3	16.7	23.5	858	3.51	23.8	3.4	3.9	3.6	14	0.1	0.7	0.4	51	0.15	0.047
1062916	Soil	3.5	60.6	12.4	78	0.1	16.0	16.6	332	4.75	11.2	1.2	1.8	6.3	10	<0.1	0.2	<0.1	67	0.07	0.040
1062918	Soil	0.6	18.2	6.9	48	<0.1	19.0	8.6	254	2.35	6.5	0.5	3.9	1.0	18	0.1	0.3	0.1	54	0.26	0.070

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014369	Soil	9	29	0.51	173	0.081	1	2.09	0.015	0.07	<0.1	<0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1015306	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1014371	Soil	9	36	1.32	224	0.042	<1	2.71	0.007	0.11	<0.1	<0.01	4.3	<0.1	<0.05	9	<0.5	<0.2
1055714	Soil	7	32	0.57	139	0.087	2	2.00	0.010	0.07	0.1	0.04	3.0	<0.1	<0.05	6	<0.5	<0.2
1055716	Soil	5	14	1.42	325	0.154	2	3.18	0.020	0.72	<0.1	<0.01	7.6	0.4	0.18	8	<0.5	<0.2
1055717	Soil	21	27	0.82	229	0.204	2	1.84	0.025	0.41	<0.1	0.02	8.2	0.1	0.27	7	<0.5	<0.2
1055727	Soil	10	29	0.70	259	0.089	2	1.88	0.010	0.12	0.1	0.03	3.2	0.1	<0.05	6	<0.5	<0.2
1055726	Soil	10	29	0.65	254	0.074	2	2.07	0.010	0.12	0.1	0.05	3.4	0.2	<0.05	7	<0.5	<0.2
1055725	Soil	9	29	0.69	193	0.098	3	1.91	0.011	0.14	0.2	0.03	3.0	0.1	<0.05	6	<0.5	<0.2
1055713	Soil	10	34	0.67	192	0.058	2	1.96	0.009	0.06	0.1	0.05	4.2	<0.1	<0.05	5	<0.5	<0.2
1055715	Soil	11	19	0.75	250	0.074	3	1.81	0.010	0.24	<0.1	0.01	6.4	0.2	<0.05	5	<0.5	<0.2
1055725	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
1055721	Soil	10	29	0.68	192	0.102	2	2.02	0.012	0.18	0.1	0.04	3.4	0.1	<0.05	6	<0.5	<0.2
1055722	Soil	9	23	0.55	154	0.079	2	1.89	0.011	0.13	<0.1	0.03	2.5	0.1	<0.05	6	<0.5	<0.2
1055724	Soil	12	29	0.69	270	0.104	2	1.55	0.012	0.15	0.1	0.04	3.8	0.1	<0.05	5	<0.5	<0.2
1062901	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
1062915	Soil	11	28	0.51	105	0.066	2	1.60	0.009	0.06	0.2	0.05	2.4	<0.1	<0.05	5	0.5	<0.2
1062917	Soil	14	31	0.60	211	0.066	4	1.79	0.015	0.06	0.1	0.03	3.5	<0.1	<0.05	5	0.5	<0.2
1062908	Soil	9	22	0.93	262	0.145	2	2.14	0.012	0.35	<0.1	0.05	4.0	0.2	<0.05	6	0.9	<0.2
1062911	Soil	7	27	0.82	298	0.112	2	1.86	0.013	0.26	0.1	0.05	3.7	0.2	<0.05	5	0.6	<0.2
1062903	Soil	13	24	0.57	124	0.079	2	1.52	0.009	0.07	0.1	0.06	3.1	0.1	<0.05	5	0.8	<0.2
1054371	Soil	9	76	1.00	168	0.110	2	1.86	0.011	0.18	0.1	0.03	3.3	0.2	<0.05	5	<0.5	<0.2
1062907	Soil	8	21	0.60	144	0.097	2	1.58	0.009	0.13	0.1	0.05	2.5	0.1	<0.05	5	<0.5	<0.2
1062910	Soil	4	19	1.67	437	0.235	1	3.29	0.024	1.23	<0.1	0.03	1.8	0.5	0.26	6	0.5	<0.2
1054372	Soil	11	26	0.67	108	0.091	2	1.54	0.011	0.11	0.2	0.03	2.7	0.2	<0.05	4	0.7	<0.2
1062912	Soil	7	32	0.77	102	0.088	3	1.98	0.010	0.12	<0.1	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1062904	Soil	14	23	0.51	69	0.069	2	1.57	0.014	0.09	0.2	0.07	2.2	0.1	<0.05	5	0.7	<0.2
1062905	Soil	24	26	0.58	155	0.074	2	1.78	0.008	0.09	0.2	0.07	3.9	0.2	<0.05	5	<0.5	<0.2
1062916	Soil	16	17	0.63	167	0.065	<1	1.88	0.014	0.17	<0.1	0.03	3.0	0.1	0.05	6	<0.5	<0.2
1062918	Soil	10	29	0.58	178	0.061	2	1.59	0.009	0.07	0.2	0.03	2.3	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062919	Soil		0.7	8.2	10.0	30	<0.1	6.1	5.1	179	2.07	4.6	0.4	7.3	1.5	20	0.1	0.2	0.1	73	0.18	0.023
1054374	Soil		0.6	24.4	11.8	70	0.2	16.8	9.7	527	2.93	6.0	1.4	6.6	4.3	20	0.1	0.3	0.1	51	0.45	0.061
1062913	Soil		0.7	30.5	9.5	62	0.4	18.9	13.4	597	3.34	8.1	0.8	8.4	4.2	12	0.2	0.3	0.2	56	0.15	0.033
1062923	Soil		0.7	38.7	14.3	86	0.5	22.3	12.5	311	2.93	6.3	1.5	6.1	3.4	26	0.2	0.4	0.2	60	0.40	0.091
1062921	Soil		1.8	39.4	64.5	109	1.8	34.5	15.4	588	4.12	18.4	0.9	31.6	2.5	22	0.6	0.5	0.3	71	0.32	0.091
1062922	Soil		0.7	19.1	21.4	72	0.1	20.1	10.5	363	3.07	7.5	0.7	3.9	2.2	18	0.5	0.6	0.2	60	0.25	0.066
1054369	Soil		0.6	39.6	15.7	117	0.2	23.6	12.6	307	3.29	5.7	0.9	4.5	3.4	19	0.2	0.3	0.3	67	0.35	0.072
1062920	Soil		1.4	17.5	13.3	47	0.2	17.8	8.7	231	3.06	9.4	0.6	2.5	2.8	14	0.3	0.5	0.2	67	0.14	0.038
1062906	Soil		1.0	43.1	8.5	56	0.3	10.8	10.0	282	2.70	7.1	0.7	2.9	1.0	14	0.1	0.3	0.1	68	0.18	0.051
1062914	Soil		1.4	39.7	12.8	79	<0.1	17.8	17.6	231	4.08	8.6	1.5	2.6	3.1	5	0.1	0.2	<0.1	97	0.06	0.022
1054370	Soil		0.5	45.2	21.4	168	0.2	27.1	11.3	256	2.87	5.1	0.8	4.0	2.7	17	0.4	0.3	0.3	56	0.30	0.064
1062909	Soil		0.6	35.3	9.7	55	0.3	14.9	13.3	214	3.41	9.5	1.0	3.0	1.7	19	0.1	0.3	0.2	77	0.20	0.057
1062902	Soil		1.3	15.2	11.5	31	0.2	8.1	4.8	269	3.95	43.5	1.8	2.2	2.1	14	0.1	0.5	0.2	50	0.27	0.064
1054373	Soil		0.9	24.0	14.0	68	<0.1	20.0	11.7	384	2.81	7.1	0.8	1.1	3.5	14	0.3	0.3	0.1	46	0.16	0.028
1053124	Soil		0.4	28.6	5.6	55	<0.1	21.6	13.4	610	4.03	5.4	0.5	3.2	2.6	25	<0.1	0.4	<0.1	69	0.57	0.075
1053116	Soil		0.5	19.0	8.3	67	<0.1	15.8	10.2	515	2.92	2.7	0.8	<0.5	3.3	44	0.1	0.1	0.1	60	0.37	0.043
1053122	Soil		1.3	176.3	24.8	93	<0.1	5.2	8.8	807	4.42	2.7	1.2	8.6	4.6	6	0.2	0.2	0.1	36	0.06	0.023
1053118	Soil		0.6	8.4	48.0	41	<0.1	8.5	5.7	685	1.74	4.1	4.1	<0.5	39.5	12	<0.1	0.2	0.4	24	0.11	0.018
1053121	Soil		0.7	29.1	16.8	107	<0.1	12.1	8.5	408	3.40	6.6	1.0	23.7	4.3	18	0.2	0.3	0.2	37	0.23	0.033
1053114	Soil		0.6	25.5	7.4	61	<0.1	18.6	10.0	230	2.71	6.1	0.8	1.6	2.4	24	<0.1	0.3	0.1	62	0.31	0.045
1053120	Soil		4.5	24.6	9.4	58	<0.1	12.9	11.1	733	3.15	3.4	0.9	1.9	4.9	23	<0.1	0.3	0.5	55	0.53	0.048
1053119	Soil		1.2	15.8	58.4	47	0.1	9.4	5.3	313	1.45	5.1	5.2	3.5	22.4	19	<0.1	0.5	2.9	26	0.23	0.021
1053115	Soil		0.7	21.0	16.4	83	<0.1	9.6	8.1	653	2.81	5.0	0.9	1.0	5.1	12	0.2	0.2	0.1	32	0.12	0.043
1053112	Soil		0.8	34.3	7.1	76	0.1	20.7	12.9	324	3.24	5.5	0.7	2.2	3.0	25	0.1	0.3	0.1	72	0.34	0.054
1053111	Soil		0.9	42.9	7.7	99	<0.1	21.9	17.3	350	4.21	4.8	0.5	0.7	2.8	25	<0.1	0.2	0.1	105	0.31	0.056
1053113	Soil		0.7	34.2	7.7	75	0.1	22.9	13.2	284	3.01	5.3	0.8	3.5	2.9	25	<0.1	0.3	0.1	67	0.31	0.057
1053109	Soil		0.9	28.9	7.7	73	<0.1	19.6	16.7	412	3.83	7.8	0.6	1.3	3.1	19	<0.1	0.3	0.1	89	0.22	0.051
1054490	Soil		0.6	25.4	7.1	64	<0.1	20.0	12.3	286	2.82	6.3	0.6	3.2	3.1	20	<0.1	0.3	0.1	62	0.31	0.077
1054487	Soil		0.5	71.8	6.0	76	<0.1	19.7	16.3	543	3.92	6.3	0.7	3.5	3.5	23	<0.1	0.3	0.1	111	0.43	0.073
1053117	Soil		1.1	16.7	30.6	53	0.2	13.6	7.6	452	1.84	5.6	7.4	1.6	32.8	19	0.1	0.2	0.8	31	0.28	0.040

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062919	Soil	7	15	0.39	78	0.057	1	1.57	0.007	0.04	0.7	0.03	2.7	<0.1	<0.05	9	<0.5	<0.2
1054374	Soil	15	24	0.83	191	0.118	1	1.56	0.014	0.17	0.2	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1062913	Soil	20	25	0.54	204	0.073	1	1.73	0.008	0.14	0.1	0.04	4.2	0.2	<0.05	5	<0.5	<0.2
1062923	Soil	16	33	0.80	296	0.102	2	1.81	0.013	0.14	0.2	0.05	3.8	0.2	<0.05	6	0.6	<0.2
1062921	Soil	8	41	0.75	142	0.065	2	1.96	0.009	0.11	0.2	0.06	3.1	0.1	<0.05	7	<0.5	0.5
1062922	Soil	9	29	0.53	132	0.077	2	1.61	0.009	0.07	0.2	0.03	2.6	<0.1	<0.05	5	<0.5	<0.2
1054369	Soil	14	40	0.95	244	0.121	3	1.94	0.015	0.20	0.2	0.03	4.6	0.2	<0.05	6	<0.5	<0.2
1062920	Soil	9	29	0.43	134	0.039	2	2.14	0.008	0.05	0.1	0.03	2.6	<0.1	<0.05	6	<0.5	<0.2
1062906	Soil	6	19	0.63	133	0.120	1	1.48	0.012	0.19	<0.1	0.06	2.1	0.1	<0.05	5	0.8	<0.2
1062914	Soil	11	27	0.72	119	0.069	2	2.51	0.006	0.25	<0.1	0.02	4.3	0.2	<0.05	6	<0.5	<0.2
1054370	Soil	11	55	0.94	168	0.113	1	1.84	0.012	0.18	0.1	0.03	3.4	0.2	<0.05	5	<0.5	<0.2
1062909	Soil	10	20	0.79	283	0.109	<1	1.97	0.014	0.20	0.1	0.06	5.1	0.2	<0.05	6	0.5	<0.2
1062902	Soil	7	21	0.42	155	0.086	1	1.08	0.007	0.07	0.1	0.10	2.0	<0.1	<0.05	5	<0.5	<0.2
1054373	Soil	10	27	0.75	108	0.103	2	1.77	0.010	0.18	0.1	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
1053124	Soil	12	32	0.72	291	0.037	<1	1.97	0.016	0.05	<0.1	0.03	13.1	<0.1	<0.05	6	<0.5	<0.2
1053116	Soil	13	33	0.91	277	0.073	<1	1.59	0.008	0.06	<0.1	0.01	5.3	<0.1	<0.05	7	<0.5	<0.2
1053122	Soil	14	8	0.48	257	0.017	1	1.50	0.006	0.08	<0.1	<0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1053118	Soil	15	14	0.28	116	0.012	2	1.45	0.006	0.07	0.1	0.01	1.8	0.2	<0.05	4	<0.5	<0.2
1053121	Soil	18	18	0.52	378	0.033	<1	2.21	0.009	0.16	0.1	0.01	4.5	0.3	<0.05	6	<0.5	<0.2
1053114	Soil	11	34	0.72	233	0.085	2	1.99	0.014	0.05	0.1	0.03	4.2	0.1	<0.05	7	<0.5	<0.2
1053120	Soil	16	20	0.77	368	0.008	1	1.96	0.009	0.11	0.4	0.02	4.9	<0.1	<0.05	6	<0.5	<0.2
1053119	Soil	10	15	0.27	172	0.012	2	1.13	0.008	0.07	0.1	0.02	2.2	0.2	<0.05	3	<0.5	<0.2
1053115	Soil	10	17	0.31	139	0.018	<1	1.43	0.008	0.10	<0.1	0.02	2.0	<0.1	<0.05	6	<0.5	<0.2
1053112	Soil	11	36	0.85	274	0.110	<1	1.96	0.020	0.10	<0.1	0.02	4.2	<0.1	<0.05	6	0.6	<0.2
1053111	Soil	8	41	1.40	341	0.126	<1	2.70	0.023	0.18	<0.1	0.02	5.1	0.1	0.05	9	<0.5	<0.2
1053113	Soil	11	36	0.86	269	0.093	<1	1.95	0.017	0.07	<0.1	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2
1053109	Soil	7	33	0.97	284	0.143	<1	2.54	0.012	0.25	<0.1	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1054490	Soil	9	29	0.83	215	0.102	<1	2.22	0.011	0.11	0.1	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1054487	Soil	13	26	1.14	367	0.105	<1	2.12	0.014	0.12	<0.1	0.02	8.8	<0.1	<0.05	8	<0.5	<0.2
1053117	Soil	18	19	0.37	258	0.020	<1	1.26	0.008	0.08	<0.1	0.04	3.1	0.2	<0.05	4	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1053108	Soil		0.9	28.6	8.3	75	<0.1	20.0	16.5	405	3.84	8.1	0.6	2.2	3.4	20	0.1	0.3	0.1	93	0.21	0.045
1053103	Soil		0.6	37.8	6.3	79	<0.1	19.5	15.7	402	3.63	6.0	0.4	0.9	2.2	25	<0.1	0.3	0.1	85	0.29	0.058
1054488	Soil		0.9	32.3	6.2	67	<0.1	12.4	11.6	352	3.44	5.2	0.5	<0.5	1.3	13	0.1	0.3	0.1	100	0.19	0.067
1054486	Soil		0.9	28.5	8.1	64	<0.1	15.8	10.7	325	3.34	7.1	0.4	1.1	1.7	24	0.1	0.3	0.2	82	0.25	0.069
1053110	Soil		1.0	38.8	9.4	125	<0.1	26.2	17.6	499	4.16	7.1	0.5	1.6	3.7	17	0.1	0.3	0.1	99	0.20	0.041
1053123	Soil		0.4	27.6	9.6	79	<0.1	28.4	26.4	1454	5.70	1.3	0.4	1.1	2.9	18	0.2	0.2	0.2	127	0.48	0.068
1053107	Soil		1.1	27.9	8.5	66	<0.1	21.9	12.3	303	3.52	7.9	0.4	2.2	2.6	20	0.1	0.3	0.2	80	0.20	0.037
1053106	Soil		0.8	19.7	7.2	60	<0.1	15.6	8.7	254	2.80	6.7	0.7	1.6	2.5	21	0.1	0.2	0.1	62	0.21	0.046
1054491	Soil		0.5	26.4	6.0	61	0.1	16.3	12.0	282	2.57	4.1	0.6	0.8	1.8	22	0.1	0.2	0.1	60	0.32	0.077
1054489	Soil		0.5	32.9	6.7	62	<0.1	22.0	12.6	308	2.83	6.2	0.7	4.1	3.1	23	<0.1	0.3	0.1	66	0.31	0.060
1053102	Soil		0.4	23.7	7.0	58	0.1	16.2	9.0	195	2.46	4.7	0.6	4.2	1.7	25	0.1	0.2	0.1	56	0.35	0.074
1053104	Soil		0.8	53.8	4.3	119	<0.1	17.4	16.9	443	4.13	2.6	0.7	1.0	3.7	28	0.1	0.1	<0.1	109	0.39	0.109
1054492	Soil		0.4	23.9	7.0	56	<0.1	15.7	8.7	192	2.36	4.3	0.6	1.9	1.6	24	0.1	0.2	0.1	54	0.30	0.075
1053105	Soil		0.8	22.1	6.2	79	<0.1	18.7	12.1	377	3.30	6.6	0.5	1.8	3.3	20	0.1	0.2	0.1	75	0.24	0.055
1014406	Soil		0.5	27.3	7.1	77	<0.1	14.1	16.9	652	4.09	2.9	0.9	2.4	5.7	35	<0.1	0.2	0.7	71	0.50	0.071
1014405	Soil		0.6	25.6	7.2	61	<0.1	19.5	11.3	345	2.76	6.1	0.9	3.0	4.0	37	0.1	0.4	0.3	64	0.50	0.058
1014403	Soil		0.8	20.1	7.3	68	<0.1	11.9	14.8	636	3.60	2.0	1.2	4.2	7.4	29	<0.1	0.2	0.4	60	0.56	0.070
1014402	Soil		0.6	26.5	8.3	61	<0.1	21.6	13.7	397	3.25	6.2	1.5	4.6	7.0	27	<0.1	0.4	0.2	67	0.35	0.031
1014088	Soil		2.9	472.7	3.9	765	<0.1	18.5	15.6	921	8.84	5.6	1.1	<0.5	12.4	20	0.5	0.1	<0.1	147	0.26	0.065
1014404	Soil		2.0	23.1	6.8	91	<0.1	15.1	29.8	1155	4.78	4.4	0.5	<0.5	3.1	38	0.2	0.3	1.3	98	0.49	0.115
1014087	Soil		0.3	152.2	4.6	46	<0.1	197.5	31.4	238	3.01	2.2	0.1	<0.5	0.6	14	<0.1	<0.1	<0.1	83	0.25	0.036
1014401	Soil		0.7	21.7	10.3	60	<0.1	19.0	12.9	452	3.44	4.1	0.6	2.8	4.6	20	<0.1	0.3	0.1	72	0.25	0.025
1014100	Soil		0.6	19.5	8.5	62	<0.1	17.7	12.1	407	3.14	4.4	0.6	4.9	4.3	22	<0.1	0.2	0.1	67	0.32	0.038
1014086	Soil		0.3	139.5	12.6	32	<0.1	114.8	28.6	268	2.48	1.2	0.2	<0.5	0.8	23	<0.1	<0.1	<0.1	78	0.50	0.014
1014091	Soil		0.7	53.2	6.3	116	<0.1	19.8	21.0	604	4.72	4.4	0.9	0.9	6.5	25	<0.1	0.2	<0.1	108	0.47	0.084
1014092	Soil		1.0	35.3	11.5	82	<0.1	23.4	20.4	598	4.69	7.6	0.7	3.3	4.6	26	<0.1	0.3	0.1	103	0.34	0.032
1014090	Soil		0.7	45.1	6.6	265	<0.1	19.7	15.7	525	5.34	3.4	0.4	1.5	2.4	11	0.1	0.1	<0.1	100	0.35	0.109
1014089	Soil		1.3	90.6	5.1	174	<0.1	8.9	10.4	383	6.96	3.2	0.4	0.9	1.9	47	<0.1	<0.1	<0.1	158	0.31	0.130
1014077	Soil		0.8	15.0	5.8	54	<0.1	13.0	10.9	336	3.37	6.1	0.2	5.1	1.9	13	<0.1	0.2	<0.1	78	0.19	0.021
1014093	Soil		0.3	73.8	2.7	92	<0.1	11.5	19.9	672	4.90	2.6	0.4	1.5	1.7	33	<0.1	0.1	<0.1	101	0.88	0.207

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1053108	Soil	7	35	0.99	265	0.144	<1	2.63	0.013	0.23	0.1	0.03	3.6	0.2	<0.05	7	<0.5	<0.2
1053103	Soil	7	29	1.25	338	0.163	2	2.47	0.014	0.49	<0.1	0.02	3.5	0.1	<0.05	7	<0.5	<0.2
1054488	Soil	8	21	1.11	299	0.137	<1	1.97	0.015	0.34	<0.1	0.03	5.0	0.1	<0.05	8	<0.5	<0.2
1054486	Soil	7	28	0.75	129	0.117	<1	1.99	0.014	0.10	<0.1	0.04	2.8	<0.1	<0.05	8	<0.5	<0.2
1053110	Soil	8	55	1.24	227	0.148	<1	3.10	0.015	0.21	<0.1	0.03	5.3	0.1	<0.05	8	0.5	<0.2
1053123	Soil	6	45	1.84	308	0.004	<1	3.21	0.008	0.05	<0.1	0.02	12.8	<0.1	<0.05	10	<0.5	<0.2
1053107	Soil	7	44	0.88	178	0.127	<1	2.14	0.011	0.10	<0.1	0.03	2.7	0.1	<0.05	7	<0.5	<0.2
1053106	Soil	10	28	0.62	201	0.097	<1	1.72	0.010	0.08	0.1	0.03	2.6	<0.1	<0.05	7	<0.5	<0.2
1054491	Soil	10	25	0.90	301	0.094	1	1.89	0.013	0.10	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1054489	Soil	11	31	0.80	244	0.090	2	2.09	0.012	0.10	0.1	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2
1053102	Soil	9	27	0.79	231	0.089	1	1.80	0.012	0.10	0.1	0.03	3.7	<0.1	<0.05	6	<0.5	<0.2
1053104	Soil	11	37	1.61	492	0.214	1	2.57	0.029	0.83	<0.1	0.01	4.9	0.2	0.11	8	0.9	<0.2
1054492	Soil	9	25	0.73	231	0.084	<1	1.69	0.011	0.09	<0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1053105	Soil	9	34	0.95	245	0.150	<1	2.01	0.011	0.27	<0.1	0.02	2.7	0.1	<0.05	7	<0.5	<0.2
1014406	Soil	11	21	1.03	216	0.035	<1	2.70	0.012	0.08	1.0	0.01	6.1	<0.1	<0.05	8	<0.5	<0.2
1014405	Soil	12	29	0.70	244	0.101	<1	1.93	0.023	0.06	0.4	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1014403	Soil	14	20	1.00	224	0.012	<1	2.12	0.009	0.09	0.2	0.02	5.2	<0.1	<0.05	7	<0.5	<0.2
1014402	Soil	16	40	0.92	226	0.092	3	2.20	0.014	0.05	0.1	0.04	5.5	<0.1	<0.05	7	<0.5	<0.2
1014088	Soil	35	50	4.11	954	0.377	<1	5.01	0.017	2.92	<0.1	0.03	13.1	1.4	0.37	19	0.8	<0.2
1014404	Soil	6	23	1.31	160	0.050	<1	2.85	0.009	0.10	3.6	<0.01	4.7	<0.1	<0.05	10	<0.5	<0.2
1014087	Soil	2	433	3.21	206	0.176	<1	2.92	0.009	0.15	<0.1	<0.01	3.0	0.3	<0.05	6	<0.5	<0.2
1014401	Soil	9	39	0.95	111	0.118	3	2.15	0.011	0.04	0.1	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
1014100	Soil	8	37	0.88	126	0.114	<1	1.88	0.012	0.05	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1014086	Soil	3	343	2.49	217	0.180	3	2.22	0.023	0.22	<0.1	<0.01	3.5	0.2	<0.05	6	<0.5	<0.2
1014091	Soil	21	41	1.77	399	0.279	2	3.04	0.016	0.73	<0.1	0.01	4.2	0.3	<0.05	9	<0.5	<0.2
1014092	Soil	13	47	1.46	206	0.194	<1	3.35	0.016	0.09	0.1	0.02	5.3	0.1	<0.05	9	<0.5	<0.2
1014090	Soil	9	45	2.26	344	0.198	1	3.24	0.011	0.57	<0.1	<0.01	7.4	0.2	<0.05	16	<0.5	<0.2
1014089	Soil	10	18	2.36	198	0.195	2	3.16	0.032	1.54	<0.1	<0.01	10.1	0.5	1.00	13	1.7	<0.2
1014077	Soil	5	26	0.96	122	0.170	1	2.12	0.008	0.22	<0.1	<0.01	1.8	0.1	<0.05	7	<0.5	<0.2
1014093	Soil	9	17	1.80	307	0.149	<1	2.58	0.020	0.61	0.1	<0.01	3.3	0.3	<0.05	8	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014076	Soil		0.6	16.7	6.6	70	<0.1	14.2	15.1	481	3.44	5.2	0.4	3.7	2.7	19	<0.1	0.2	<0.1	78	0.30	0.024
1014074	Soil		0.5	23.8	7.0	62	<0.1	18.4	11.2	392	2.84	5.0	0.8	1.8	3.7	23	<0.1	0.3	0.1	61	0.39	0.041
1014075	Soil		0.5	14.3	7.3	78	<0.1	14.6	15.4	523	3.62	3.8	0.3	<0.5	2.5	19	<0.1	0.1	<0.1	87	0.33	0.026
1014073	Soil		0.4	21.6	6.2	80	<0.1	19.8	14.6	589	3.65	4.6	0.6	1.8	4.7	24	<0.1	0.2	<0.1	84	0.44	0.046
1014094	Soil		0.5	34.4	6.3	89	<0.1	14.4	20.9	881	5.00	4.5	0.6	<0.5	3.4	21	<0.1	0.2	<0.1	115	0.39	0.055
1014095	Soil		0.5	22.8	6.4	117	<0.1	80.7	28.1	1190	6.40	3.9	0.8	<0.5	6.5	18	<0.1	0.1	<0.1	146	0.27	0.031
1014097	Soil		0.7	26.4	12.3	62	0.1	19.1	11.9	385	3.20	6.0	0.6	62.2	4.7	17	<0.1	0.3	0.2	71	0.24	0.020
1014096	Soil		0.7	26.0	7.8	79	<0.1	17.3	15.0	502	3.96	6.4	0.5	2.1	3.3	18	<0.1	0.2	0.1	89	0.28	0.037
1014085	Soil		0.3	147.7	2.1	23	<0.1	60.2	13.3	176	1.65	3.1	0.4	1.0	1.4	16	<0.1	0.2	<0.1	35	0.38	0.055
1014098	Soil		0.8	23.2	8.3	64	<0.1	20.4	10.9	384	3.33	5.8	0.6	6.3	4.8	16	<0.1	0.2	0.1	65	0.24	0.032
1014099	Soil		0.6	18.2	10.5	70	<0.1	17.3	13.4	492	3.71	4.2	0.6	4.5	3.8	21	<0.1	0.4	0.1	69	0.37	0.050
1014084	Soil		0.5	86.2	9.0	44	<0.1	36.4	11.7	340	1.76	3.2	0.1	0.8	0.8	11	<0.1	0.2	<0.1	38	0.27	0.043
1014079	Soil		0.4	20.9	5.3	69	<0.1	16.0	16.1	493	3.66	4.3	0.3	0.5	2.7	17	<0.1	0.2	<0.1	87	0.28	0.021
1014078	Soil		0.4	21.2	5.6	55	<0.1	35.6	15.8	450	3.07	4.7	0.6	2.1	3.0	21	<0.1	0.2	<0.1	71	0.37	0.034
1014081	Soil		0.6	26.3	7.8	86	<0.1	17.0	19.7	715	4.65	6.0	0.3	<0.5	1.9	17	<0.1	0.2	<0.1	113	0.38	0.036
1014080	Soil		0.9	14.1	7.1	80	<0.1	16.4	15.3	611	3.93	7.4	0.3	1.4	1.7	15	<0.1	0.2	<0.1	90	0.26	0.045
1014082	Soil		0.5	19.6	3.9	73	<0.1	15.8	17.7	685	3.92	5.2	0.2	<0.5	2.5	15	<0.1	0.2	<0.1	92	0.27	0.038
1014058	Soil		0.4	100.1	4.4	86	<0.1	9.7	16.0	435	4.50	3.5	1.2	1.3	5.6	13	<0.1	0.1	<0.1	103	0.46	0.115
1014083	Soil		0.2	37.2	5.4	120	<0.1	13.3	23.7	747	5.24	2.3	0.4	<0.5	3.6	29	<0.1	<0.1	<0.1	104	0.78	0.035
1014198	Soil		28.7	19.6	4.4	72	0.2	12.5	14.7	1070	4.13	2.5	5.4	16.2	8.9	17	<0.1	0.1	0.3	24	0.15	0.025
1014200	Soil		1.0	16.0	5.8	111	<0.1	11.7	10.8	596	5.03	5.7	0.7	<0.5	11.4	7	<0.1	0.2	<0.1	70	0.11	0.049
1014060	Soil		0.5	15.7	4.8	68	<0.1	14.8	11.8	488	3.28	4.3	1.4	0.7	6.7	18	<0.1	0.2	<0.1	71	0.31	0.038
1014062	Soil		1.0	22.8	9.8	75	<0.1	16.9	11.5	380	3.60	6.4	0.8	2.6	4.7	15	0.1	0.2	<0.1	81	0.22	0.038
1014063	Soil		0.4	20.3	5.1	86	<0.1	16.9	14.2	480	3.84	4.1	1.0	3.6	4.5	17	<0.1	0.2	<0.1	90	0.31	0.046
1014055	Soil		0.7	18.0	6.2	57	<0.1	17.0	10.6	329	3.09	7.0	1.3	2.8	5.9	19	<0.1	0.3	0.1	77	0.28	0.046
1014054	Soil		0.5	20.3	4.2	118	<0.1	5.4	21.5	1916	5.25	3.5	0.6	1.1	2.6	14	<0.1	<0.1	<0.1	95	0.41	0.177
1014056	Soil		0.5	26.4	6.1	97	<0.1	13.7	15.5	593	4.01	1.5	0.7	<0.5	3.0	10	<0.1	<0.1	<0.1	96	0.57	0.184
1014195	Soil		0.6	20.2	5.2	57	<0.1	15.3	10.8	335	2.89	4.7	0.8	1.3	4.4	16	<0.1	0.2	<0.1	64	0.26	0.040
1014059	Soil		0.4	71.8	7.1	119	<0.1	30.8	17.5	827	5.32	4.7	2.4	3.8	11.9	22	<0.1	0.2	<0.1	102	0.41	0.062
1014052	Soil		0.8	28.2	6.0	75	<0.1	11.6	6.7	551	3.00	4.8	0.7	<0.5	9.9	8	<0.1	0.2	<0.1	48	0.13	0.022

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014076	Soil	8	32	1.24	183	0.186	2	2.29	0.010	0.21	0.1	0.01	2.3	0.1	<0.05	7	<0.5	<0.2
1014074	Soil	11	30	0.89	216	0.119	2	1.87	0.014	0.15	0.1	0.03	3.7	<0.1	<0.05	6	0.6	<0.2
1014075	Soil	8	33	1.37	164	0.209	<1	2.29	0.009	0.37	0.1	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1014073	Soil	14	35	1.36	220	0.164	2	2.25	0.014	0.23	<0.1	<0.01	5.1	0.1	<0.05	8	<0.5	<0.2
1014094	Soil	7	32	2.01	240	0.232	<1	2.98	0.011	0.77	0.1	<0.01	4.2	0.3	<0.05	10	<0.5	<0.2
1014095	Soil	10	276	3.44	280	0.195	1	4.19	0.010	1.25	<0.1	<0.01	12.8	0.5	<0.05	14	<0.5	<0.2
1014097	Soil	12	33	0.82	190	0.083	<1	2.08	0.010	0.06	0.1	0.02	3.9	<0.1	<0.05	6	<0.5	<0.2
1014096	Soil	9	32	1.22	188	0.138	2	2.56	0.011	0.31	0.1	<0.01	4.3	0.2	<0.05	8	<0.5	<0.2
1014085	Soil	13	110	0.87	89	0.073	<1	1.13	0.015	0.02	<0.1	<0.01	4.1	<0.1	<0.05	3	<0.5	<0.2
1014098	Soil	14	40	0.84	149	0.084	1	2.11	0.009	0.06	0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1014099	Soil	8	37	0.99	158	0.100	1	2.16	0.009	0.06	0.1	0.01	3.4	<0.1	<0.05	8	<0.5	<0.2
1014084	Soil	2	112	0.89	142	0.071	<1	1.40	0.012	0.14	<0.1	<0.01	2.8	0.1	<0.05	4	<0.5	<0.2
1014079	Soil	8	34	1.31	157	0.210	<1	2.67	0.012	0.27	<0.1	0.01	2.6	0.2	<0.05	7	<0.5	<0.2
1014078	Soil	19	89	1.37	150	0.154	2	2.12	0.013	0.21	0.1	0.02	4.4	0.1	<0.05	6	<0.5	<0.2
1014081	Soil	4	37	2.05	249	0.277	<1	3.63	0.013	0.45	<0.1	<0.01	3.2	0.3	<0.05	10	<0.5	<0.2
1014080	Soil	6	30	1.10	135	0.174	1	2.47	0.009	0.23	<0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1014082	Soil	6	27	1.51	236	0.249	1	2.77	0.013	0.83	<0.1	<0.01	2.1	0.3	<0.05	7	<0.5	<0.2
1014058	Soil	21	19	1.80	254	0.191	1	2.60	0.019	1.16	<0.1	<0.01	5.3	0.2	<0.05	11	<0.5	<0.2
1014083	Soil	10	33	1.84	179	0.252	<1	3.62	0.013	0.19	<0.1	<0.01	1.8	<0.1	<0.05	10	<0.5	<0.2
1014198	Soil	26	10	0.14	300	0.004	1	0.63	0.004	0.09	<0.1	0.03	7.9	<0.1	<0.05	2	0.6	0.8
1014200	Soil	10	26	1.12	113	0.092	<1	2.35	0.007	0.17	<0.1	<0.01	4.7	<0.1	<0.05	12	<0.5	<0.2
1014060	Soil	19	30	1.11	220	0.138	2	1.97	0.012	0.33	0.1	<0.01	4.9	0.1	<0.05	7	<0.5	<0.2
1014062	Soil	13	34	1.04	198	0.125	1	2.21	0.011	0.26	0.1	0.01	4.8	0.1	<0.05	8	<0.5	<0.2
1014063	Soil	16	42	1.47	273	0.175	1	2.39	0.014	0.57	0.1	<0.01	5.6	0.2	<0.05	9	<0.5	<0.2
1014055	Soil	17	31	0.94	211	0.097	<1	1.90	0.013	0.25	0.1	0.02	5.9	<0.1	<0.05	7	<0.5	<0.2
1014054	Soil	5	10	1.47	151	0.172	<1	2.70	0.011	0.68	<0.1	<0.01	2.2	0.2	<0.05	10	<0.5	<0.2
1014056	Soil	10	33	1.71	251	0.162	<1	2.32	0.023	0.57	0.1	<0.01	5.0	0.1	<0.05	9	<0.5	<0.2
1014195	Soil	13	29	0.80	227	0.118	<1	1.78	0.012	0.15	<0.1	0.02	3.2	<0.1	<0.05	6	<0.5	<0.2
1014059	Soil	30	86	2.31	417	0.226	<1	3.33	0.013	1.11	0.1	0.02	11.5	0.4	<0.05	12	<0.5	<0.2
1014052	Soil	16	23	0.65	134	0.090	<1	1.74	0.007	0.22	<0.1	<0.01	3.6	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014072	Soil	0.7	14.7	6.5	75	<0.1	13.4	13.8	390	3.90	5.0	0.9	1.3	7.7	13	0.1	0.2	<0.1	62	0.27	0.072
1014053	Soil	0.6	21.5	8.0	127	<0.1	13.0	14.7	756	4.59	5.7	1.5	0.9	9.0	18	<0.1	0.2	0.2	83	0.34	0.104
1014061	Soil	0.6	24.8	5.3	67	<0.1	11.7	12.5	483	3.78	4.8	1.2	2.0	6.0	18	<0.1	0.2	0.1	80	0.31	0.042
1014051	Soil	0.7	13.7	6.6	115	<0.1	9.2	12.8	732	4.56	5.4	0.8	<0.5	10.9	8	<0.1	0.2	0.1	64	0.13	0.032
1014064	Soil	0.6	13.7	5.3	81	<0.1	15.0	13.5	457	3.84	4.9	1.3	0.9	5.6	17	<0.1	0.2	<0.1	86	0.30	0.053
1014065	Soil	0.6	17.4	5.4	77	<0.1	14.8	12.2	424	3.35	4.9	2.0	1.5	6.4	18	<0.1	0.2	0.1	75	0.32	0.054
1014066	Soil	0.5	14.4	5.0	76	<0.1	14.6	12.7	448	3.49	4.2	1.4	1.1	5.3	18	0.1	0.2	<0.1	79	0.36	0.056
1014067	Soil	0.6	11.8	4.8	66	<0.1	12.6	10.0	338	2.84	4.8	0.8	12.7	4.5	19	<0.1	0.2	<0.1	64	0.36	0.064
1014069	Soil	0.8	11.4	6.4	61	<0.1	13.2	8.8	275	2.58	5.7	0.9	6.7	3.2	20	<0.1	0.2	<0.1	61	0.31	0.054
1014197	Soil	1.0	17.8	6.3	61	<0.1	18.6	11.9	352	3.74	8.6	0.6	1.0	4.3	15	<0.1	0.5	0.1	82	0.20	0.027
1014070	Soil	0.6	9.4	5.2	53	<0.1	11.2	10.1	346	2.31	5.1	0.8	0.6	3.3	18	0.1	0.2	0.1	55	0.30	0.058
1014193	Soil	0.9	21.1	7.3	92	<0.1	16.9	12.4	547	3.83	8.1	1.2	0.8	12.8	12	<0.1	0.4	0.1	67	0.13	0.033
1054482	Soil	1.0	25.7	7.5	56	<0.1	17.1	10.6	492	3.14	7.9	1.5	4.2	4.4	19	<0.1	0.4	0.1	59	0.30	0.044
1010950	Soil	0.7	15.2	7.8	52	<0.1	16.7	8.4	306	2.84	8.0	0.5	1.9	3.5	13	<0.1	0.4	0.1	59	0.19	0.039
1014199	Soil	0.9	19.3	5.8	109	<0.1	14.7	12.5	597	4.28	4.9	2.2	<0.5	19.2	12	<0.1	0.3	<0.1	64	0.17	0.037
1014071	Soil	0.8	16.6	6.7	67	<0.1	18.5	12.2	334	3.15	6.5	0.6	1.3	4.7	18	<0.1	0.3	0.1	63	0.30	0.056
1014057	Soil	0.4	14.5	3.1	112	<0.1	30.4	16.9	486	5.27	1.6	1.3	<0.5	5.4	12	<0.1	<0.1	<0.1	158	0.61	0.157
1010949	Soil	0.7	17.0	7.8	55	<0.1	18.5	10.0	497	2.79	8.4	0.7	6.8	3.5	14	0.1	0.4	0.1	50	0.21	0.045
1054479	Soil	0.7	23.2	7.2	54	<0.1	12.2	7.6	354	2.50	5.3	0.7	1.3	2.3	16	<0.1	0.3	0.1	53	0.26	0.062
1014196	Soil	0.5	39.7	1.8	114	<0.1	14.8	22.5	969	5.62	2.2	1.4	<0.5	10.8	19	<0.1	0.2	<0.1	137	0.44	0.105
1014194	Soil	0.9	21.3	6.4	96	<0.1	13.7	13.9	759	4.41	6.7	1.3	2.1	9.6	12	0.1	0.3	0.1	82	0.16	0.053
1054481	Soil	0.7	10.8	7.8	54	<0.1	10.7	7.9	340	3.21	7.0	0.4	<0.5	2.5	12	0.1	0.4	0.1	56	0.17	0.030
1010947	Soil	1.1	28.9	8.0	52	0.2	16.3	12.0	777	3.33	6.8	1.5	1.8	3.3	22	<0.1	0.3	0.1	63	0.38	0.052
1054480	Soil	0.6	17.8	8.7	52	<0.1	17.5	8.8	340	2.57	5.9	0.8	1.4	3.1	20	0.1	0.3	0.1	57	0.28	0.044
1054498	Soil	1.0	32.7	7.7	59	<0.1	24.1	14.8	426	2.95	8.2	0.5	<0.5	1.4	16	0.2	0.4	0.1	64	0.24	0.072
1055616	Soil	0.6	16.7	6.3	61	<0.1	16.4	11.4	496	3.45	6.2	0.7	1.5	2.8	22	<0.1	0.3	0.1	72	0.39	0.060
1055614	Soil	0.5	26.2	7.2	64	<0.1	17.5	10.2	477	3.09	5.9	0.6	<0.5	4.4	21	0.2	0.3	0.1	63	0.29	0.035
1010993	Soil	0.9	30.3	7.5	65	<0.1	22.3	10.9	408	3.45	7.3	0.8	1.8	3.6	30	<0.1	0.4	0.1	78	0.40	0.033
1054485	Soil	0.5	25.2	6.6	49	<0.1	20.8	8.6	279	2.55	6.3	0.7	3.5	4.1	22	<0.1	0.3	0.1	59	0.32	0.040
1054496	Soil	0.4	18.3	6.6	70	<0.1	28.8	12.2	565	2.88	2.2	0.7	<0.5	8.2	33	<0.1	<0.1	<0.1	45	0.53	0.050

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014072	Soil	12	20	0.77	163	0.142	2	1.95	0.014	0.55	<0.1	<0.01	2.6	0.3	<0.05	8	<0.5	<0.2
1014053	Soil	23	25	1.45	184	0.136	3	2.59	0.011	0.42	0.1	0.02	3.5	0.1	<0.05	10	0.7	<0.2
1014061	Soil	20	25	1.11	227	0.165	2	2.11	0.012	0.38	0.1	0.03	3.7	0.1	<0.05	8	0.8	<0.2
1014051	Soil	11	18	1.36	164	0.208	<1	3.07	0.007	0.84	<0.1	0.01	3.9	0.4	<0.05	11	0.5	<0.2
1014064	Soil	22	36	1.38	275	0.170	2	2.35	0.015	0.57	0.2	0.02	5.5	0.2	<0.05	8	<0.5	<0.2
1014065	Soil	24	33	1.13	282	0.144	1	1.92	0.013	0.44	0.2	0.03	5.7	0.2	<0.05	7	0.6	<0.2
1014066	Soil	17	36	1.22	244	0.153	1	2.21	0.016	0.47	0.2	0.04	4.5	0.1	<0.05	8	0.7	<0.2
1014067	Soil	11	27	0.91	175	0.120	2	1.63	0.017	0.27	0.2	0.03	3.3	0.1	<0.05	6	0.7	<0.2
1014069	Soil	12	26	0.72	181	0.096	2	1.56	0.013	0.12	0.2	0.04	3.0	<0.1	<0.05	6	<0.5	<0.2
1014197	Soil	9	32	0.72	204	0.069	2	2.52	0.013	0.05	<0.1	0.02	4.0	<0.1	<0.05	7	0.8	<0.2
1014070	Soil	11	23	0.62	137	0.089	2	1.35	0.012	0.10	0.3	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1014193	Soil	14	27	0.70	206	0.109	2	2.38	0.009	0.24	<0.1	0.02	4.0	0.1	<0.05	7	0.5	<0.2
1054482	Soil	25	29	0.52	359	0.062	3	2.00	0.009	0.12	<0.1	0.06	6.7	0.2	<0.05	5	0.6	<0.2
1010950	Soil	9	29	0.48	112	0.073	1	2.10	0.009	0.07	0.2	0.04	3.2	<0.1	<0.05	6	0.6	<0.2
1014199	Soil	44	25	0.92	225	0.048	1	2.27	0.009	0.13	0.1	0.04	7.6	<0.1	<0.05	9	1.1	<0.2
1014071	Soil	10	27	0.63	166	0.102	1	1.82	0.013	0.20	0.1	0.02	2.8	0.1	<0.05	6	0.5	<0.2
1014057	Soil	16	111	2.04	327	0.166	<1	2.87	0.033	1.00	<0.1	0.01	7.1	0.2	<0.05	13	<0.5	<0.2
1010949	Soil	13	26	0.48	210	0.041	2	1.86	0.010	0.07	<0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1054479	Soil	10	23	0.45	116	0.083	2	1.59	0.011	0.13	<0.1	0.04	3.3	0.1	<0.05	6	0.6	<0.2
1014196	Soil	25	51	1.75	454	0.162	<1	2.99	0.014	0.65	<0.1	0.02	10.0	0.3	<0.05	11	<0.5	<0.2
1014194	Soil	21	24	0.98	239	0.171	1	2.42	0.011	0.59	<0.1	0.01	6.0	0.3	<0.05	9	0.7	<0.2
1054481	Soil	6	20	0.41	97	0.049	<1	1.97	0.006	0.11	<0.1	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
1010947	Soil	67	29	0.45	358	0.038	2	2.12	0.012	0.07	0.1	0.05	8.9	0.1	<0.05	7	1.2	<0.2
1054480	Soil	12	30	0.55	196	0.069	1	1.93	0.010	0.07	<0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2
1054498	Soil	7	35	0.67	109	0.067	1	2.47	0.014	0.05	<0.1	0.03	3.2	<0.1	<0.05	6	0.5	<0.2
1055616	Soil	13	27	0.81	197	0.059	2	2.17	0.016	0.07	0.1	0.02	6.3	<0.1	<0.05	7	0.5	<0.2
1055614	Soil	14	30	0.70	224	0.089	1	2.16	0.011	0.15	<0.1	0.02	4.6	<0.1	<0.05	6	0.7	<0.2
1010993	Soil	15	42	0.78	282	0.073	1	2.42	0.017	0.07	0.1	0.05	8.3	<0.1	<0.05	7	0.7	<0.2
1054485	Soil	16	33	0.59	203	0.080	<1	1.80	0.012	0.06	0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1054496	Soil	55	59	1.21	165	0.037	<1	2.30	0.007	0.14	<0.1	<0.01	3.3	0.1	<0.05	7	0.6	<0.2

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054500	Soil	0.9	33.3	8.3	54	<0.1	23.5	11.7	299	3.05	9.0	0.6	4.7	2.8	19	0.2	0.3	0.1	67	0.24	0.050
1010038	Soil	0.7	27.3	6.4	73	<0.1	27.3	14.5	430	3.30	7.8	0.6	<0.5	3.8	24	<0.1	0.4	0.1	73	0.34	0.061
1010992	Soil	0.6	35.4	7.2	54	<0.1	24.6	12.5	318	3.03	6.8	0.5	<0.5	2.9	27	<0.1	0.3	0.1	71	0.34	0.031
1010039	Soil	1.0	19.6	7.9	58	<0.1	22.0	10.5	344	3.25	8.2	0.6	<0.5	3.9	20	<0.1	0.4	0.1	70	0.23	0.037
1010948	Soil	0.9	17.2	7.6	54	<0.1	20.0	11.4	511	3.10	8.0	0.8	2.1	4.6	16	0.2	0.3	0.1	59	0.27	0.046
1054495	Soil	0.1	15.5	7.1	76	<0.1	8.8	10.2	794	3.47	1.5	0.5	<0.5	4.0	29	<0.1	0.2	<0.1	25	0.47	0.099
1054484	Soil	0.9	29.5	8.9	63	<0.1	22.6	10.2	398	3.10	9.3	1.0	2.8	5.0	23	<0.1	0.5	0.2	67	0.27	0.056
1054493	Soil	0.9	29.4	7.5	78	<0.1	27.8	15.5	504	3.72	8.8	0.6	3.3	4.5	27	0.1	0.4	0.2	72	0.37	0.079
1062752	Soil	0.8	40.3	7.0	56	<0.1	23.3	12.2	319	2.93	8.2	0.7	12.8	2.8	21	0.1	0.3	0.1	67	0.25	0.047
1062753	Soil	0.9	29.9	8.2	57	<0.1	22.0	11.1	303	2.92	9.1	0.6	2.9	3.0	21	0.1	0.4	0.2	69	0.27	0.047
1054499	Soil	0.7	28.2	6.7	54	<0.1	21.3	10.8	336	2.84	7.3	0.6	1.7	2.7	22	0.1	0.4	0.1	65	0.31	0.059
1054497	Soil	0.8	26.7	8.2	63	<0.1	23.7	10.6	376	3.01	7.5	0.7	2.3	2.0	26	0.1	0.4	0.2	71	0.31	0.044
1055615	Soil	0.4	16.6	8.1	86	<0.1	11.4	11.7	947	4.28	4.0	1.1	0.5	7.8	14	0.2	0.2	<0.1	63	0.26	0.062
1010994	Soil	0.4	22.5	6.2	71	<0.1	13.9	12.7	607	3.73	4.0	0.7	<0.5	5.6	19	0.1	0.3	<0.1	60	0.27	0.037
1054483	Soil	0.6	18.7	5.6	49	<0.1	15.0	9.5	391	2.97	6.4	0.9	2.2	4.8	19	<0.1	0.4	0.1	53	0.26	0.036
1055613	Soil	1.0	52.5	6.8	76	<0.1	18.1	10.9	699	3.68	6.1	1.1	1.7	6.8	29	<0.1	0.3	0.1	70	0.41	0.048
1055617	Soil	0.7	20.6	7.0	58	<0.1	20.7	12.6	528	3.44	8.0	0.8	2.6	4.5	22	<0.1	0.4	0.2	70	0.33	0.049
1062751	Soil	0.9	37.0	6.6	54	<0.1	21.8	12.3	330	3.02	7.6	0.4	1.2	2.3	22	<0.1	0.4	0.1	71	0.30	0.042
1054494	Soil	0.2	17.4	6.7	82	<0.1	9.5	11.0	856	3.75	1.8	0.5	<0.5	3.8	34	<0.1	0.2	<0.1	27	0.53	0.101
1015357	Soil	0.9	9.9	6.5	44	<0.1	13.4	8.6	273	2.70	6.3	0.4	0.6	1.7	19	0.1	0.3	0.1	78	0.27	0.047
1015358	Soil	0.9	11.5	3.5	97	<0.1	19.3	16.0	967	4.67	3.6	0.8	<0.5	5.8	27	<0.1	0.2	<0.1	88	0.58	0.094
1015356	Soil	0.8	14.6	2.9	64	<0.1	16.2	19.9	481	3.84	4.0	1.3	<0.5	2.8	31	<0.1	0.2	<0.1	68	0.43	0.033
1015360	Soil	0.5	16.5	2.7	72	<0.1	20.3	16.2	845	4.29	3.4	2.0	48.5	12.2	18	<0.1	0.2	<0.1	95	0.44	0.100
1015351	Soil	0.8	19.5	2.9	58	<0.1	14.2	12.2	370	2.83	2.6	0.5	0.6	3.2	22	<0.1	0.1	<0.1	54	0.43	0.045
1015354	Soil	0.4	11.6	1.3	68	<0.1	7.4	19.4	511	3.64	1.5	0.3	0.5	2.5	23	<0.1	<0.1	<0.1	67	0.54	0.113
1015352	Soil	1.0	44.2	202.8	181	<0.1	17.2	16.3	457	4.35	4.0	0.8	<0.5	5.5	17	0.5	0.2	0.1	65	0.46	0.107
1015355	Soil	1.1	31.1	2.5	74	<0.1	21.3	17.5	526	3.77	3.9	1.3	0.9	4.4	23	<0.1	0.2	<0.1	63	0.40	0.058
1055455	Soil	0.6	23.1	6.9	77	0.1	17.9	14.9	560	3.35	6.0	0.8	2.5	3.8	28	<0.1	0.3	0.1	75	0.50	0.062
1055452	Soil	0.6	29.5	7.2	67	<0.1	21.4	14.3	489	3.39	5.6	0.8	2.7	3.8	24	0.1	0.3	0.1	82	0.41	0.056
1015361	Soil	0.6	10.7	2.7	71	<0.1	13.3	19.3	662	4.55	3.6	0.5	<0.5	4.4	27	<0.1	0.1	<0.1	81	0.49	0.083

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054500	Soil	10	35	0.64	212	0.068	<1	2.47	0.011	0.06	<0.1	0.03	4.0	0.1	<0.05	6	<0.5	<0.2
1010038	Soil	11	37	1.00	326	0.118	1	2.42	0.013	0.15	0.1	0.02	3.8	0.1	<0.05	7	<0.5	<0.2
1010992	Soil	10	41	0.80	205	0.079	<1	2.53	0.015	0.06	<0.1	0.01	4.7	<0.1	<0.05	6	<0.5	<0.2
1010039	Soil	12	36	0.75	167	0.109	1	2.17	0.010	0.09	<0.1	0.03	3.2	0.1	<0.05	7	<0.5	<0.2
1010948	Soil	17	30	0.44	167	0.062	2	2.21	0.009	0.08	0.1	0.03	4.2	<0.1	<0.05	6	<0.5	<0.2
1054495	Soil	22	15	0.83	299	0.011	1	1.99	0.007	0.21	<0.1	<0.01	4.2	<0.1	<0.05	5	0.5	<0.2
1054484	Soil	19	39	0.58	257	0.071	2	2.27	0.011	0.06	0.1	0.07	5.7	0.1	<0.05	6	0.6	<0.2
1054493	Soil	14	38	1.00	349	0.158	3	2.47	0.011	0.26	0.1	0.02	4.0	0.2	<0.05	7	0.6	<0.2
1062752	Soil	11	36	0.67	174	0.081	2	2.30	0.012	0.05	0.1	0.04	3.8	<0.1	<0.05	6	0.5	<0.2
1062753	Soil	11	35	0.64	157	0.086	2	2.28	0.012	0.06	0.1	0.03	3.8	<0.1	<0.05	6	0.6	<0.2
1054499	Soil	14	33	0.67	185	0.087	2	2.04	0.013	0.06	0.1	0.03	3.8	<0.1	<0.05	6	0.6	<0.2
1054497	Soil	18	43	0.65	269	0.084	2	1.86	0.011	0.07	0.1	0.03	4.6	0.1	<0.05	7	0.7	<0.2
1055615	Soil	17	16	0.72	208	0.118	3	2.07	0.008	0.53	<0.1	0.02	10.9	0.3	<0.05	7	<0.5	<0.2
1010994	Soil	11	25	0.78	179	0.057	2	2.85	0.009	0.19	<0.1	0.01	5.2	0.1	<0.05	7	<0.5	<0.2
1054483	Soil	17	26	0.50	242	0.071	2	2.05	0.008	0.13	<0.1	0.06	5.0	0.2	<0.05	6	<0.5	<0.2
1055613	Soil	24	32	0.78	320	0.115	3	2.26	0.013	0.29	<0.1	0.03	8.0	0.1	<0.05	7	0.5	<0.2
1055617	Soil	17	35	0.74	206	0.079	2	2.57	0.014	0.07	<0.1	0.03	6.2	0.1	<0.05	7	<0.5	<0.2
1062751	Soil	8	35	0.71	133	0.099	2	2.30	0.015	0.05	0.1	0.02	3.2	<0.1	<0.05	6	0.6	<0.2
1054494	Soil	23	17	0.92	312	0.015	2	2.17	0.006	0.21	<0.1	<0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1015357	Soil	8	23	0.51	182	0.084	2	1.46	0.011	0.11	0.1	0.02	2.6	<0.1	<0.05	7	<0.5	<0.2
1015358	Soil	11	44	1.54	345	0.111	2	2.28	0.015	0.49	<0.1	0.01	8.5	0.1	<0.05	9	<0.5	<0.2
1015356	Soil	8	36	1.55	229	0.226	1	2.42	0.012	0.79	<0.1	<0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1015360	Soil	30	35	1.57	256	0.150	1	1.99	0.017	0.49	<0.1	0.03	7.0	0.2	<0.05	9	0.5	<0.2
1015351	Soil	7	29	0.93	472	0.162	<1	1.80	0.017	0.51	0.1	<0.01	2.7	0.1	<0.05	6	<0.5	<0.2
1015354	Soil	4	14	1.64	337	0.201	<1	2.15	0.013	0.75	<0.1	<0.01	1.4	0.2	<0.05	7	<0.5	<0.2
1015352	Soil	10	29	1.13	214	0.069	2	2.01	0.011	0.29	<0.1	<0.01	4.6	<0.1	<0.05	9	<0.5	<0.2
1015355	Soil	13	35	1.47	361	0.241	2	2.31	0.012	1.02	<0.1	0.02	2.4	0.3	<0.05	6	<0.5	<0.2
1055455	Soil	12	33	1.05	251	0.149	2	2.06	0.017	0.18	0.1	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1055452	Soil	14	44	1.13	202	0.168	2	2.29	0.015	0.17	0.1	0.02	4.1	0.1	<0.05	7	0.5	<0.2
1015361	Soil	6	24	1.60	412	0.280	1	2.66	0.011	1.09	<0.1	<0.01	2.0	0.3	<0.05	8	<0.5	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015359	Soil	0.2	12.1	1.8	77	<0.1	29.6	29.7	1182	5.58	2.1	0.5	1.8	4.0	19	<0.1	0.1	<0.1	122	0.48	0.084
1015362	Soil	0.7	30.2	6.3	53	<0.1	24.4	11.7	421	2.88	8.7	0.8	3.8	4.3	27	<0.1	0.4	0.1	67	0.43	0.037
1055453	Soil	0.9	23.5	7.9	71	<0.1	19.8	16.0	655	3.65	5.9	0.5	1.7	3.0	21	0.2	0.3	0.1	89	0.36	0.057
1055481	Soil	0.6	16.9	6.0	57	<0.1	12.8	9.5	295	2.69	4.6	0.6	1.8	2.9	22	<0.1	0.2	0.1	66	0.32	0.041
1015353	Soil	0.5	18.1	4.4	84	<0.1	23.9	16.6	553	3.72	5.2	0.5	<0.5	3.6	26	<0.1	0.2	<0.1	67	0.53	0.090
1055454	Soil	0.7	30.1	6.5	66	<0.1	23.2	13.4	388	3.08	6.5	0.9	2.6	4.1	30	0.1	0.4	0.1	72	0.48	0.054
1055460	Soil	0.7	17.6	7.1	64	0.1	14.3	8.8	314	2.66	4.2	0.6	1.2	2.7	22	0.2	0.3	0.1	71	0.33	0.032
1055458	Soil	0.6	24.1	6.8	67	0.1	19.4	11.7	472	2.82	4.9	1.0	4.1	3.4	31	0.1	0.3	0.1	68	0.52	0.055
1055459	Soil	0.7	16.1	6.7	75	<0.1	16.0	13.0	534	3.60	5.8	0.6	0.9	3.8	23	0.2	0.2	0.1	89	0.40	0.043
1055451	Soil	0.6	34.8	7.7	64	<0.1	26.6	15.8	487	3.51	7.3	0.7	2.2	3.7	24	0.1	0.3	0.1	83	0.39	0.052
1055457	Soil	0.5	21.1	5.5	94	<0.1	15.6	20.2	900	4.25	4.0	0.6	2.2	3.2	29	0.1	0.1	<0.1	98	0.65	0.080
1015379	Soil	1.4	29.1	3.2	65	<0.1	16.3	15.5	513	3.21	5.2	0.4	1.5	3.1	22	<0.1	0.4	0.1	71	0.43	0.071
1015381	Soil	0.5	30.9	4.3	53	0.1	19.7	10.1	412	2.28	8.8	0.4	31.5	2.5	59	0.2	0.5	<0.1	50	2.36	0.073
1028883	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1055456	Soil	0.6	20.7	5.5	72	0.1	16.5	11.5	431	2.76	5.0	0.9	3.9	3.2	25	0.2	0.4	0.1	60	0.44	0.059
1028884	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1015377	Soil	0.6	27.7	1.7	69	<0.1	15.0	19.2	511	3.87	4.8	0.3	<0.5	3.6	29	<0.1	0.1	<0.1	86	0.47	0.083
1015378	Soil	0.7	21.5	2.9	67	<0.1	16.7	17.1	453	3.27	3.6	0.3	<0.5	2.2	28	<0.1	0.2	<0.1	69	0.43	0.054
1015364	Soil	0.3	15.5	2.2	55	<0.1	9.6	15.1	377	3.05	1.8	0.9	<0.5	5.1	17	<0.1	<0.1	<0.1	80	0.62	0.124
1055479	Soil	0.5	12.3	4.5	64	<0.1	10.8	9.5	354	2.69	3.6	0.5	1.4	2.6	24	0.1	0.2	<0.1	63	0.41	0.061
1015382	Soil	0.6	34.7	4.7	52	0.2	19.9	10.9	414	2.36	8.7	0.5	3.8	2.7	52	<0.1	0.5	<0.1	52	1.90	0.077
1015363	Soil	0.5	17.1	3.5	65	<0.1	13.9	12.1	427	3.05	5.0	0.7	2.2	3.9	24	0.1	0.3	0.1	52	0.54	0.058
1015380	Soil	1.2	28.1	3.1	65	<0.1	16.2	15.8	521	3.22	4.8	0.3	0.8	3.0	23	<0.1	0.2	<0.1	70	0.44	0.075
1055484	Soil	0.6	15.6	4.6	68	<0.1	11.2	11.1	497	3.29	5.4	0.5	2.6	3.1	20	<0.1	0.2	0.1	79	0.36	0.064
1055471	Soil	0.6	11.8	4.2	63	<0.1	13.7	11.4	433	3.02	5.0	0.4	3.6	2.6	20	<0.1	0.2	<0.1	69	0.34	0.061
1055480	Soil	0.5	21.0	4.6	82	0.1	13.4	12.3	587	3.34	4.8	0.8	3.8	4.1	24	<0.1	0.2	<0.1	73	0.40	0.060
1055477	Soil	0.6	21.8	5.8	63	<0.1	15.6	11.8	401	3.07	5.6	0.7	1.8	3.4	22	<0.1	0.2	<0.1	68	0.32	0.040
1055482	Soil	0.6	18.3	5.2	65	0.2	12.9	9.5	362	2.95	4.6	0.8	2.0	2.5	24	0.2	0.3	0.1	67	0.36	0.057
1014352	Soil	0.6	51.3	3.1	80	<0.1	12.7	13.1	966	4.47	4.1	0.9	1.6	7.3	19	<0.1	0.2	<0.1	79	0.32	0.071
1055474	Soil	0.7	20.8	4.4	69	0.1	14.9	13.3	470	3.52	5.1	0.9	1.3	3.5	26	<0.1	0.3	<0.1	75	0.48	0.058

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015359	Soil	12	58	3.11	376	0.141	2	3.09	0.012	0.40	<0.1	0.02	9.3	0.1	<0.05	10	<0.5	<0.2
1015362	Soil	15	34	0.70	253	0.084	1	1.52	0.019	0.10	0.1	0.05	4.9	<0.1	<0.05	5	0.8	<0.2
1055453	Soil	9	42	1.10	174	0.171	2	2.43	0.013	0.17	<0.1	0.01	3.7	0.1	<0.05	8	<0.5	<0.2
1055481	Soil	11	26	0.75	173	0.135	1	1.74	0.012	0.11	0.2	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2
1015353	Soil	8	41	1.49	389	0.233	2	2.28	0.016	0.84	0.1	<0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1055454	Soil	13	40	0.85	239	0.131	2	1.83	0.019	0.09	0.1	0.03	5.5	<0.1	<0.05	6	<0.5	<0.2
1055460	Soil	10	28	0.74	159	0.157	2	1.77	0.013	0.16	<0.1	0.02	2.9	0.1	<0.05	7	<0.5	<0.2
1055458	Soil	13	34	0.87	265	0.124	2	1.99	0.017	0.07	0.1	0.04	4.2	<0.1	<0.05	6	0.6	<0.2
1055459	Soil	11	32	1.10	188	0.190	3	2.31	0.013	0.21	0.1	0.02	3.3	0.1	<0.05	8	<0.5	<0.2
1055451	Soil	12	51	1.03	224	0.148	2	2.59	0.013	0.14	0.1	0.02	4.7	0.1	<0.05	8	0.7	<0.2
1055457	Soil	10	32	1.75	288	0.244	1	2.80	0.012	0.53	0.2	0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1015379	Soil	9	24	1.26	312	0.169	2	1.94	0.012	0.78	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1015381	Soil	9	20	0.83	336	0.089	2	1.16	0.016	0.25	0.1	0.03	2.5	<0.1	<0.05	4	<0.5	<0.2
1028883	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1055456	Soil	12	29	0.85	247	0.087	1	1.81	0.014	0.06	0.1	0.05	4.2	<0.1	<0.05	6	<0.5	<0.2
1028884	Soil	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.	L.N.R.
1015377	Soil	10	20	1.75	358	0.227	<1	2.46	0.015	0.86	<0.1	<0.01	2.9	0.1	<0.05	7	<0.5	<0.2
1015378	Soil	5	29	1.41	260	0.177	<1	2.17	0.013	0.47	<0.1	<0.01	2.4	0.1	<0.05	6	<0.5	<0.2
1015364	Soil	10	22	1.53	162	0.145	<1	1.85	0.018	0.51	<0.1	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1055479	Soil	9	22	0.93	167	0.131	<1	1.76	0.013	0.22	0.2	0.03	3.1	0.1	<0.05	6	<0.5	<0.2
1015382	Soil	10	21	0.89	334	0.093	1	1.27	0.018	0.27	0.2	0.03	2.8	0.1	<0.05	4	<0.5	<0.2
1015363	Soil	12	23	0.88	189	0.066	<1	1.56	0.016	0.16	0.1	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1015380	Soil	9	22	1.26	319	0.171	1	1.95	0.012	0.80	0.1	0.01	2.6	0.2	<0.05	5	<0.5	<0.2
1055484	Soil	9	25	1.05	211	0.153	1	2.05	0.012	0.32	0.2	0.02	3.3	0.1	<0.05	7	<0.5	<0.2
1055471	Soil	8	27	1.01	161	0.135	<1	1.83	0.013	0.25	0.2	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1055480	Soil	13	25	1.04	353	0.133	1	1.96	0.016	0.32	0.2	0.03	4.9	0.2	<0.05	7	<0.5	<0.2
1055477	Soil	11	28	0.93	198	0.127	<1	1.98	0.012	0.15	<0.1	0.03	3.4	<0.1	<0.05	6	<0.5	<0.2
1055482	Soil	11	28	0.87	225	0.113	1	1.87	0.014	0.15	0.2	0.04	3.7	<0.1	<0.05	7	<0.5	<0.2
1014352	Soil	9	23	1.26	499	0.261	<1	2.67	0.011	0.92	<0.1	<0.01	5.6	0.2	<0.05	11	<0.5	<0.2
1055474	Soil	11	28	1.05	242	0.136	1	2.16	0.014	0.19	0.1	0.03	4.0	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055475	Soil	0.7	18.2	5.2	62	0.1	13.4	11.3	428	3.18	5.2	0.8	9.0	3.0	24	0.1	0.2	<0.1	74	0.40	0.051
1014353	Soil	0.7	36.2	4.2	66	<0.1	22.2	12.4	694	3.75	7.0	0.4	0.9	5.5	18	<0.1	0.3	<0.1	64	0.25	0.053
1014351	Soil	0.7	11.9	2.5	81	<0.1	17.1	15.3	941	4.62	3.1	0.9	2.2	12.1	19	<0.1	0.2	<0.1	67	0.35	0.065
1055473	Soil	0.9	21.1	3.5	69	<0.1	10.5	15.3	563	3.94	3.3	0.6	2.9	4.8	19	<0.1	0.2	<0.1	90	0.39	0.073
1055476	Soil	0.5	6.9	3.5	111	<0.1	10.9	28.0	1150	5.55	2.5	0.5	<0.5	1.5	28	<0.1	<0.1	<0.1	127	0.70	0.187
1055472	Soil	0.5	13.6	4.4	82	<0.1	13.5	18.5	619	4.56	3.1	0.6	2.7	3.5	20	<0.1	0.1	<0.1	99	0.52	0.089
1055483	Soil	0.6	12.5	4.3	65	<0.1	12.6	11.4	475	3.11	5.0	0.6	1.8	3.6	22	<0.1	0.2	<0.1	68	0.37	0.061
1014355	Soil	0.9	27.5	6.1	74	0.1	20.9	13.3	482	3.83	9.7	0.4	0.6	4.7	24	<0.1	0.4	0.1	70	0.26	0.030
1014357	Soil	0.8	12.8	3.2	67	<0.1	9.9	12.6	703	4.20	3.7	1.2	0.7	8.2	16	<0.1	0.2	<0.1	44	0.23	0.064
1014356	Soil	0.4	40.2	1.8	109	<0.1	4.7	27.4	1053	9.04	2.1	0.6	<0.5	2.8	25	<0.1	0.2	<0.1	285	0.58	0.080
1014354	Soil	0.5	93.1	1.8	58	<0.1	8.9	24.5	743	5.72	4.1	0.5	<0.5	1.8	15	<0.1	0.2	<0.1	126	0.75	0.117
1014358	Soil	0.4	11.0	2.0	70	<0.1	18.7	19.5	479	2.57	3.2	0.1	<0.5	0.8	20	<0.1	0.2	<0.1	57	0.42	0.089
1055478	Soil	0.7	15.2	5.4	60	<0.1	12.2	10.4	396	3.10	4.9	0.5	3.4	2.5	22	<0.1	0.2	<0.1	73	0.33	0.046
1014359	Soil	0.6	13.4	3.7	69	<0.1	14.2	12.6	708	3.32	5.0	0.4	2.4	5.0	24	<0.1	0.2	<0.1	58	0.33	0.046
1054175	Soil	0.6	18.8	2.8	69	<0.1	12.2	11.1	452	4.09	4.0	0.2	<0.5	1.4	21	<0.1	0.2	0.1	61	0.46	0.118
1054176	Soil	0.5	20.4	3.3	73	<0.1	12.9	11.7	497	4.30	4.4	0.2	<0.5	1.4	23	<0.1	0.2	0.2	65	0.47	0.114
1054177	Soil	0.6	14.6	1.9	63	<0.1	10.2	10.1	434	3.52	3.3	0.2	<0.5	1.4	13	<0.1	0.1	<0.1	55	0.36	0.107
1054180	Soil	0.6	18.6	5.5	39	<0.1	5.6	4.0	294	2.03	1.7	0.5	<0.5	4.9	16	<0.1	0.2	0.3	18	0.25	0.042
1054155	Soil	1.0	19.0	5.8	73	<0.1	11.2	8.6	413	3.90	1.6	0.7	1.1	4.1	10	<0.1	0.5	0.2	42	0.12	0.033
1054154	Soil	0.8	49.0	4.1	110	0.1	19.6	24.1	1586	5.52	2.1	0.7	2.5	2.5	22	<0.1	0.4	0.2	156	0.82	0.103
1054152	Soil	0.8	37.4	7.1	104	0.3	19.0	10.9	921	3.83	7.7	2.7	2.9	3.2	17	0.1	1.4	0.2	53	0.53	0.064
1054182	Soil	0.5	14.6	1.8	45	<0.1	10.3	12.1	446	3.18	1.1	0.3	0.5	2.1	16	<0.1	0.2	<0.1	49	0.28	0.067
1054167	Soil	0.2	47.0	3.5	69	<0.1	45.5	15.6	454	2.93	2.3	0.3	<0.5	1.2	249	<0.1	<0.1	<0.1	48	0.56	0.051
1054181	Soil	0.3	33.9	1.7	44	<0.1	45.6	19.7	207	2.43	1.8	0.1	<0.5	0.6	19	<0.1	<0.1	0.1	75	0.39	0.063
1054169	Soil	0.6	40.8	3.5	83	<0.1	23.0	18.5	480	3.72	2.7	0.2	<0.5	2.2	48	<0.1	0.2	0.2	104	0.39	0.043
1015376	Soil	0.8	30.2	4.1	65	<0.1	20.4	18.7	472	3.78	4.9	0.4	<0.5	4.6	37	<0.1	0.2	<0.1	92	0.51	0.073
1015374	Soil	0.7	16.6	4.0	73	<0.1	18.4	18.6	549	3.89	5.5	0.4	0.6	4.5	31	<0.1	0.3	<0.1	79	0.31	0.056
1055470	Soil	0.4	18.6	3.9	63	<0.1	14.8	14.5	538	3.46	3.7	0.5	<0.5	2.8	23	<0.1	0.2	<0.1	83	0.41	0.077
1015371	Soil	0.5	25.4	6.7	71	<0.1	42.6	21.3	649	4.07	6.0	0.8	96.3	7.0	31	<0.1	0.3	<0.1	91	0.47	0.099
1054171	Soil	1.3	17.9	7.2	64	<0.1	12.1	7.4	276	2.58	3.4	0.3	1.0	2.2	25	<0.1	0.3	0.5	44	0.23	0.029

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055475	Soil	11	27	0.97	207	0.148	2	2.01	0.013	0.18	0.1	0.03	3.6	<0.1	<0.05	7	<0.5	<0.2
1014353	Soil	7	35	0.99	305	0.205	1	2.40	0.011	0.67	0.1	0.01	2.2	0.2	<0.05	8	<0.5	<0.2
1014351	Soil	13	42	1.63	351	0.133	<1	2.56	0.009	0.41	<0.1	<0.01	6.0	0.1	<0.05	12	<0.5	<0.2
1055473	Soil	9	27	1.36	239	0.174	<1	2.37	0.012	0.63	<0.1	0.02	3.9	0.2	<0.05	9	<0.5	<0.2
1055476	Soil	3	30	1.89	155	0.256	<1	3.05	0.027	0.76	<0.1	0.01	4.2	0.2	<0.05	11	<0.5	<0.2
1055472	Soil	9	31	1.70	264	0.236	<1	2.61	0.016	0.81	<0.1	0.02	3.3	0.2	<0.05	9	<0.5	<0.2
1055483	Soil	10	25	0.96	190	0.127	<1	1.84	0.015	0.19	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1014355	Soil	8	31	0.85	280	0.156	1	2.55	0.010	0.37	0.1	0.02	2.9	0.2	<0.05	8	<0.5	<0.2
1014357	Soil	22	14	0.87	304	0.089	<1	2.32	0.007	0.51	<0.1	<0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1014356	Soil	8	7	2.29	363	0.303	<1	4.24	0.009	0.62	<0.1	0.01	12.9	0.1	<0.05	15	<0.5	<0.2
1014354	Soil	4	10	1.18	297	0.153	<1	2.56	0.059	0.24	<0.1	<0.01	4.6	<0.1	<0.05	10	<0.5	<0.2
1014358	Soil	2	37	1.56	222	0.138	<1	2.03	0.010	0.39	<0.1	<0.01	1.5	<0.1	<0.05	4	<0.5	<0.2
1055478	Soil	8	23	0.97	154	0.148	1	1.81	0.012	0.23	<0.1	0.02	2.8	<0.1	<0.05	7	<0.5	<0.2
1014359	Soil	5	25	1.06	263	0.172	<1	2.26	0.009	0.45	<0.1	0.01	1.9	0.1	<0.05	7	<0.5	<0.2
1054175	Soil	3	14	1.06	348	0.122	<1	2.87	0.009	0.52	0.2	0.02	2.8	0.2	<0.05	11	<0.5	<0.2
1054176	Soil	4	14	1.13	372	0.126	<1	3.07	0.009	0.54	0.3	0.01	2.9	0.2	<0.05	11	<0.5	<0.2
1054177	Soil	2	11	1.03	298	0.176	<1	2.55	0.011	0.65	0.1	0.01	1.8	0.1	<0.05	7	<0.5	<0.2
1054180	Soil	20	9	0.25	242	0.006	<1	1.13	0.007	0.11	0.1	<0.01	1.9	<0.1	<0.05	3	<0.5	<0.2
1054155	Soil	11	20	0.68	154	0.009	<1	2.10	0.007	0.18	0.2	<0.01	5.3	0.2	<0.05	7	<0.5	<0.2
1054154	Soil	17	29	1.49	384	0.024	<1	2.82	0.013	0.15	<0.1	0.03	15.3	0.1	<0.05	9	<0.5	<0.2
1054152	Soil	17	36	0.80	400	0.038	<1	2.15	0.010	0.25	0.2	0.16	10.6	0.3	<0.05	7	<0.5	<0.2
1054182	Soil	5	10	0.91	194	0.020	<1	2.00	0.008	0.10	0.1	<0.01	2.1	<0.1	<0.05	7	<0.5	<0.2
1054167	Soil	4	22	1.75	416	0.149	<1	3.34	0.012	0.39	<0.1	<0.01	2.2	0.2	<0.05	11	<0.5	<0.2
1054181	Soil	<1	33	1.68	513	0.181	<1	2.63	0.022	0.69	<0.1	<0.01	1.9	0.2	<0.05	6	<0.5	<0.2
1054169	Soil	5	23	1.63	262	0.239	<1	2.66	0.011	0.29	0.2	<0.01	2.4	0.1	<0.05	8	<0.5	<0.2
1015376	Soil	10	27	1.57	344	0.280	<1	2.51	0.017	0.73	0.1	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1015374	Soil	7	25	1.67	263	0.260	<1	2.46	0.011	0.80	<0.1	<0.01	2.0	0.2	<0.05	7	<0.5	<0.2
1055470	Soil	7	30	1.33	217	0.211	<1	2.09	0.014	0.60	0.1	0.02	2.8	0.2	<0.05	7	<0.5	<0.2
1015371	Soil	13	43	1.98	344	0.272	<1	2.51	0.013	0.66	0.2	0.01	2.9	0.2	<0.05	8	<0.5	<0.2
1054171	Soil	7	19	0.52	153	0.021	<1	1.81	0.010	0.08	0.3	0.01	1.7	0.1	<0.05	7	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054159	Soil	0.8	12.0	6.5	74	<0.1	8.8	10.2	611	3.65	2.2	1.4	1.1	10.0	28	<0.1	0.8	0.4	53	0.47	0.036
1055464	Soil	0.6	15.7	6.1	66	<0.1	15.2	13.0	482	3.11	4.7	0.6	1.3	3.6	22	<0.1	0.2	0.1	73	0.30	0.036
1015375	Soil	0.5	27.2	2.3	73	<0.1	27.0	21.1	604	3.97	3.6	0.2	<0.5	2.2	25	<0.1	0.1	<0.1	92	0.43	0.091
1015367	Soil	0.3	105.7	3.5	71	<0.1	16.1	21.0	672	4.53	4.2	0.9	1.4	4.9	20	<0.1	0.2	0.1	110	0.52	0.083
1054174	Soil	1.2	24.8	4.7	66	<0.1	14.8	11.8	489	3.34	4.1	0.2	<0.5	1.5	34	<0.1	0.2	0.1	62	0.29	0.035
1054162	Soil	0.4	36.8	2.6	40	<0.1	11.5	12.0	297	2.99	1.3	0.5	1.2	3.9	39	<0.1	<0.1	<0.1	61	0.43	0.058
1055462	Soil	1.0	14.0	6.5	67	<0.1	13.3	11.7	478	3.42	5.8	0.4	2.2	2.1	20	<0.1	0.3	0.2	84	0.32	0.059
1054151	Soil	0.3	20.6	2.0	116	<0.1	3.8	21.4	1321	6.30	1.2	0.9	<0.5	0.4	27	<0.1	1.5	<0.1	143	0.86	0.174
1054166	Soil	1.6	64.7	8.0	85	<0.1	42.1	22.7	574	4.27	4.9	0.3	<0.5	1.9	46	<0.1	0.3	0.7	82	0.46	0.038
1054179	Soil	0.5	31.5	2.7	72	<0.1	16.0	11.7	507	3.74	3.3	0.4	0.7	5.5	24	<0.1	0.2	<0.1	57	0.27	0.053
1054161	Soil	1.5	31.3	1.8	39	<0.1	31.1	14.9	237	3.86	7.4	0.7	<0.5	3.2	10	<0.1	0.2	<0.1	152	0.33	0.049
1055465	Soil	0.6	14.8	5.5	69	<0.1	34.5	14.2	484	3.32	5.0	0.5	0.8	2.7	23	<0.1	0.2	<0.1	82	0.35	0.052
1055468	Soil	0.7	17.7	5.4	73	<0.1	23.7	14.8	535	3.76	4.9	0.7	3.3	3.3	25	<0.1	0.2	<0.1	91	0.42	0.063
1055467	Soil	0.5	15.4	5.1	63	<0.1	20.3	13.6	473	3.34	4.5	0.5	0.9	2.8	22	<0.1	0.3	<0.1	74	0.36	0.064
1054168	Soil	1.2	57.1	6.9	64	0.1	25.1	17.6	570	3.49	5.1	0.3	1.2	1.4	36	<0.1	0.3	0.2	96	0.32	0.034
1054157	Soil	1.6	13.1	7.0	62	<0.1	7.4	9.3	414	3.64	1.8	1.7	2.7	8.6	18	<0.1	0.3	0.3	29	0.47	0.064
1015373	Soil	0.6	25.7	4.0	92	<0.1	27.2	23.0	780	4.88	5.4	0.8	3.1	5.9	30	<0.1	0.2	<0.1	103	0.37	0.096
1055466	Soil	0.8	13.4	4.2	62	<0.1	20.6	14.7	588	3.51	4.4	0.4	1.2	2.2	17	<0.1	0.2	<0.1	83	0.32	0.073
1054153	Soil	0.7	20.0	5.8	110	<0.1	9.8	11.1	699	4.72	3.7	0.6	<0.5	3.4	11	<0.1	1.7	0.2	48	0.16	0.039
1054163	Soil	1.2	18.5	5.0	31	<0.1	8.3	3.6	165	1.58	5.9	0.5	<0.5	6.9	11	<0.1	0.2	0.2	18	0.15	0.026
1055463	Soil	0.8	18.0	6.9	70	<0.1	15.3	10.7	427	3.28	6.6	0.7	1.5	2.8	21	<0.1	0.3	0.1	76	0.32	0.045
1055469	Soil	0.5	16.7	5.1	66	<0.1	21.9	13.2	485	3.46	4.4	0.6	1.0	3.1	23	<0.1	0.2	<0.1	83	0.38	0.064
1055461	Soil	0.6	17.2	6.6	72	<0.1	15.3	10.8	415	3.10	5.9	0.7	1.4	3.2	21	<0.1	0.2	0.1	72	0.30	0.045
1054173	Soil	0.5	30.5	2.9	62	<0.1	9.9	11.5	417	3.10	2.0	0.1	1.3	0.9	52	<0.1	0.1	<0.1	67	0.37	0.077
1015366	Soil	0.5	22.5	3.5	67	<0.1	13.2	18.1	473	3.48	2.7	0.2	1.7	1.5	18	<0.1	0.1	<0.1	78	0.38	0.068
1015372	Soil	0.8	10.9	3.3	66	<0.1	15.2	16.9	570	3.56	3.5	0.3	1.3	2.6	25	<0.1	0.2	<0.1	76	0.28	0.052
1015368	Soil	1.1	32.7	6.4	54	0.1	20.5	14.2	447	3.22	7.7	0.7	2.5	3.6	21	<0.1	0.5	<0.1	66	0.38	0.029
1054178	Soil	0.8	12.9	4.8	62	<0.1	12.6	9.7	444	3.18	3.9	0.2	2.9	1.6	28	<0.1	0.2	<0.1	51	0.36	0.045
1054184	Soil	0.4	26.6	2.5	42	<0.1	15.4	8.9	294	2.32	2.2	0.2	0.8	1.2	42	<0.1	0.1	0.7	49	0.36	0.049
1015369	Soil	0.7	19.6	5.6	57	<0.1	18.9	12.0	350	2.89	6.6	0.6	4.1	3.8	22	<0.1	0.4	<0.1	60	0.32	0.047

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054159	Soil	33	13	0.98	569	0.103	<1	2.44	0.008	0.38	0.2	<0.01	5.9	0.4	<0.05	8	<0.5	<0.2
1055464	Soil	10	31	0.92	226	0.156	<1	1.93	0.012	0.17	<0.1	0.01	3.1	0.1	<0.05	6	<0.5	<0.2
1015375	Soil	3	37	2.09	390	0.273	<1	2.57	0.015	0.99	<0.1	<0.01	1.8	0.2	<0.05	8	<0.5	<0.2
1015367	Soil	14	26	1.92	242	0.130	<1	2.58	0.020	0.33	<0.1	0.02	9.4	<0.1	<0.05	9	<0.5	<0.2
1054174	Soil	4	23	0.89	507	0.168	<1	2.35	0.012	0.58	0.2	0.01	2.3	0.2	<0.05	8	<0.5	<0.2
1054162	Soil	9	15	0.98	290	0.163	<1	2.09	0.012	0.27	0.2	<0.01	3.6	0.1	<0.05	8	<0.5	<0.2
1055462	Soil	7	27	0.99	134	0.184	<1	1.86	0.011	0.22	0.1	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
1054151	Soil	4	3	1.60	562	0.111	<1	2.89	0.011	0.47	<0.1	0.02	12.0	0.3	<0.05	10	<0.5	<0.2
1054166	Soil	4	45	1.80	230	0.147	<1	3.13	0.012	0.09	0.4	<0.01	4.0	<0.1	<0.05	9	<0.5	<0.2
1054179	Soil	15	20	0.94	327	0.112	<1	2.26	0.010	0.38	0.2	<0.01	5.8	0.2	<0.05	9	<0.5	<0.2
1054161	Soil	7	59	1.32	524	0.213	<1	2.34	0.027	0.61	<0.1	<0.01	9.1	0.3	<0.05	10	0.8	<0.2
1055465	Soil	8	65	1.29	174	0.190	<1	2.06	0.012	0.24	0.1	0.02	3.1	0.1	<0.05	7	<0.5	<0.2
1055468	Soil	10	46	1.35	261	0.220	<1	2.35	0.014	0.49	0.1	0.02	3.8	0.2	<0.05	8	<0.5	<0.2
1055467	Soil	8	36	1.19	217	0.170	<1	2.10	0.012	0.31	0.1	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1054168	Soil	5	22	1.13	423	0.149	<1	2.29	0.016	0.33	0.2	0.01	2.9	0.2	<0.05	8	<0.5	<0.2
1054157	Soil	28	8	0.68	1589	0.001	<1	1.96	0.005	0.15	0.2	0.01	7.3	0.3	<0.05	6	<0.5	<0.2
1015373	Soil	17	47	2.11	353	0.286	<1	2.99	0.014	1.26	<0.1	<0.01	3.8	0.3	<0.05	10	<0.5	<0.2
1055466	Soil	6	38	1.28	142	0.204	<1	2.00	0.010	0.40	0.2	0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1054153	Soil	5	16	0.89	233	0.166	<1	2.47	0.007	0.72	0.2	<0.01	8.3	0.5	<0.05	8	<0.5	<0.2
1054163	Soil	15	13	0.16	92	0.005	<1	1.02	0.007	0.08	0.3	0.02	1.3	0.1	<0.05	3	<0.5	<0.2
1055463	Soil	10	31	0.84	169	0.141	<1	1.93	0.011	0.11	0.1	0.02	3.2	<0.1	<0.05	7	<0.5	<0.2
1055469	Soil	9	43	1.24	239	0.191	<1	2.13	0.012	0.42	0.1	0.01	3.3	0.2	<0.05	7	<0.5	<0.2
1055461	Soil	10	29	0.87	175	0.147	<1	1.87	0.011	0.15	0.1	0.02	3.1	0.1	<0.05	6	<0.5	<0.2
1054173	Soil	2	13	1.01	433	0.164	<1	2.05	0.014	0.55	0.2	<0.01	2.2	<0.1	<0.05	7	<0.5	<0.2
1015366	Soil	3	24	1.71	197	0.172	<1	2.01	0.012	0.55	<0.1	0.01	2.1	<0.1	<0.05	6	<0.5	<0.2
1015372	Soil	4	22	1.59	328	0.222	1	2.25	0.009	1.00	<0.1	<0.01	1.5	0.2	<0.05	7	<0.5	<0.2
1015368	Soil	10	33	0.96	219	0.053	2	1.73	0.010	0.12	0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1054178	Soil	4	18	0.83	192	0.094	<1	2.00	0.012	0.09	0.2	0.02	1.7	<0.1	<0.05	7	<0.5	<0.2
1054184	Soil	2	22	0.90	225	0.105	<1	1.84	0.014	0.13	0.2	0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1015369	Soil	13	30	0.94	174	0.092	<1	1.59	0.011	0.13	<0.1	0.03	2.9	<0.1	<0.05	5	0.6	<0.2

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054156	Soil	0.9	85.6	5.3	72	<0.1	16.1	17.2	1331	4.53	0.7	0.5	1.6	2.7	15	<0.1	1.6	0.1	79	0.25	0.039
1054183	Soil	0.4	53.6	2.2	37	<0.1	16.6	8.1	228	1.91	<0.5	0.1	1.0	1.4	13	<0.1	<0.1	<0.1	46	0.35	0.084
1054172	Soil	0.4	17.1	3.7	84	<0.1	51.6	17.9	548	3.03	1.7	0.2	0.6	1.4	47	<0.1	0.1	<0.1	66	0.49	0.103
1054164	Soil	0.9	14.9	2.8	59	<0.1	40.0	18.2	491	3.46	2.2	0.3	1.3	1.4	52	<0.1	0.1	<0.1	80	0.68	0.036
1054170	Soil	0.8	41.5	5.3	51	<0.1	24.0	14.2	271	2.82	3.3	0.2	0.7	1.2	30	<0.1	0.4	1.0	83	0.26	0.016
1054160	Soil	1.4	9.2	4.4	49	<0.1	9.5	8.9	309	2.58	1.9	0.4	1.6	2.3	21	<0.1	0.2	<0.1	40	0.32	0.026
1054165	Soil	0.7	32.7	4.2	74	<0.1	33.7	19.4	630	3.96	1.9	0.4	0.7	1.5	44	<0.1	0.1	0.2	95	0.54	0.064
1015370	Soil	0.8	14.0	3.8	50	<0.1	16.0	11.4	316	2.58	4.2	0.6	1.7	3.6	21	<0.1	0.3	<0.1	61	0.38	0.071
1015365	Soil	0.5	22.3	2.8	54	<0.1	14.4	17.5	423	3.22	3.5	0.2	<0.5	2.3	18	<0.1	0.2	<0.1	74	0.38	0.065
1054158	Soil	1.8	5.1	3.1	57	<0.1	4.5	7.8	465	2.36	<0.5	0.5	1.3	3.9	30	<0.1	0.1	0.1	23	0.51	0.072

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000600.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054156	Soil	5	21	0.98	322	0.001	<1	2.27	0.005	0.08	0.2	0.02	10.9	0.2	<0.05	6	0.5	<0.2
1054183	Soil	2	16	0.77	216	0.106	<1	1.51	0.011	0.27	0.1	0.01	1.1	<0.1	<0.05	4	<0.5	<0.2
1054172	Soil	4	44	1.92	428	0.183	<1	2.74	0.012	0.74	<0.1	<0.01	1.9	0.3	<0.05	8	<0.5	<0.2
1054164	Soil	5	95	1.66	228	0.067	<1	2.89	0.019	0.05	0.3	<0.01	6.4	<0.1	<0.05	8	<0.5	<0.2
1054170	Soil	4	18	0.82	245	0.099	<1	1.99	0.012	0.06	0.3	0.01	2.1	<0.1	<0.05	6	<0.5	<0.2
1054160	Soil	7	15	0.76	474	0.021	<1	1.77	0.006	0.07	0.1	0.01	1.7	<0.1	<0.05	5	<0.5	<0.2
1054165	Soil	4	53	1.81	218	0.134	<1	2.52	0.014	0.07	0.6	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1015370	Soil	7	24	1.00	163	0.132	<1	1.60	0.014	0.26	0.1	0.01	2.5	<0.1	<0.05	5	0.6	<0.2
1015365	Soil	3	23	1.71	168	0.164	<1	2.00	0.011	0.38	<0.1	<0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
1054158	Soil	14	6	0.65	668	0.004	<1	1.47	0.005	0.07	<0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000600.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1062813	Soil	1.0	35.4	7.2	53	<0.1	19.7	11.1	334	3.09	9.1	0.7	5.2	3.0	21	<0.1	0.4	0.1	72	0.24	0.053
REP 1062813	QC	0.8	34.5	7.5	53	<0.1	20.0	11.3	342	3.17	9.5	0.7	4.6	3.1	21	<0.1	0.4	0.2	74	0.24	0.054
1062821	Soil	0.9	21.8	6.9	62	<0.1	17.4	12.3	446	3.52	7.4	0.6	0.6	2.3	24	<0.1	0.3	0.2	74	0.28	0.046
REP 1062821	QC	1.0	21.4	7.0	64	<0.1	18.1	12.4	450	3.56	7.6	0.6	1.0	2.4	24	0.1	0.3	0.2	75	0.28	0.047
1055726	Soil	0.8	22.3	11.3	77	0.2	18.2	10.0	302	2.95	7.7	0.8	4.8	1.6	23	0.1	0.3	0.3	64	0.29	0.076
REP 1055726	QC	0.8	23.1	11.7	80	0.2	19.2	10.4	320	3.10	7.9	0.8	2.7	1.7	25	<0.1	0.4	0.2	67	0.33	0.079
1062910	Soil	0.6	38.7	5.3	145	0.2	12.2	29.3	569	4.97	4.8	0.3	2.0	1.0	46	<0.1	<0.1	<0.1	94	0.13	0.058
REP 1062910	QC	0.7	38.3	5.2	144	0.1	12.2	28.6	564	4.91	4.9	0.3	0.7	1.0	46	<0.1	<0.1	<0.1	91	0.14	0.058
1062909	Soil	0.6	35.3	9.7	55	0.3	14.9	13.3	214	3.41	9.5	1.0	3.0	1.7	19	0.1	0.3	0.2	77	0.20	0.057
REP 1062909	QC	0.6	35.2	9.5	55	0.3	14.7	13.2	214	3.45	9.6	1.0	1.6	1.7	19	<0.1	0.3	0.2	75	0.20	0.056
1053119	Soil	1.2	15.8	58.4	47	0.1	9.4	5.3	313	1.45	5.1	5.2	3.5	22.4	19	<0.1	0.5	2.9	26	0.23	0.021
REP 1053119	QC	1.2	16.6	59.9	50	<0.1	9.8	5.7	357	1.56	5.3	5.5	2.5	23.5	19	<0.1	0.4	2.8	29	0.24	0.022
1014405	Soil	0.6	25.6	7.2	61	<0.1	19.5	11.3	345	2.76	6.1	0.9	3.0	4.0	37	0.1	0.4	0.3	64	0.50	0.058
REP 1014405	QC	0.7	25.7	7.5	59	<0.1	20.3	11.6	354	2.85	6.0	0.9	3.1	4.1	39	0.1	0.4	0.3	66	0.51	0.059
1014076	Soil	0.6	16.7	6.6	70	<0.1	14.2	15.1	481	3.44	5.2	0.4	3.7	2.7	19	<0.1	0.2	<0.1	78	0.30	0.024
REP 1014076	QC	0.7	16.9	7.2	70	<0.1	15.2	15.1	499	3.53	5.3	0.4	4.3	2.8	20	<0.1	0.2	<0.1	81	0.32	0.024
1014078	Soil	0.4	21.2	5.6	55	<0.1	35.6	15.8	450	3.07	4.7	0.6	2.1	3.0	21	<0.1	0.2	<0.1	71	0.37	0.034
REP 1014078	QC	0.5	21.7	5.4	54	<0.1	35.2	15.7	437	3.00	4.5	0.6	<0.5	3.0	21	<0.1	0.2	<0.1	69	0.37	0.033
1014199	Soil	0.9	19.3	5.8	109	<0.1	14.7	12.5	597	4.28	4.9	2.2	<0.5	19.2	12	<0.1	0.3	<0.1	64	0.17	0.037
REP 1014199	QC	0.7	19.4	5.8	111	<0.1	14.9	12.5	612	4.32	5.0	2.2	0.6	18.7	13	<0.1	0.3	<0.1	64	0.17	0.040
1054481	Soil	0.7	10.8	7.8	54	<0.1	10.7	7.9	340	3.21	7.0	0.4	<0.5	2.5	12	0.1	0.4	0.1	56	0.17	0.030
REP 1054481	QC	0.8	10.7	7.8	54	<0.1	10.3	8.1	344	3.20	7.0	0.4	<0.5	2.5	12	0.1	0.3	0.1	55	0.16	0.032
1054483	Soil	0.6	18.7	5.6	49	<0.1	15.0	9.5	391	2.97	6.4	0.9	2.2	4.8	19	<0.1	0.4	0.1	53	0.26	0.036
REP 1054483	QC	0.6	18.1	5.4	48	<0.1	14.1	9.3	380	2.86	6.0	0.9	1.0	4.7	18	<0.1	0.4	<0.1	51	0.26	0.035
1055454	Soil	0.7	30.1	6.5	66	<0.1	23.2	13.4	388	3.08	6.5	0.9	2.6	4.1	30	0.1	0.4	0.1	72	0.48	0.054
REP 1055454	QC	0.6	30.1	6.6	66	<0.1	23.2	13.6	400	3.11	6.8	0.9	2.3	4.1	30	0.2	0.4	0.1	74	0.48	0.055
1055456	Soil	0.6	20.7	5.5	72	0.1	16.5	11.5	431	2.76	5.0	0.9	3.9	3.2	25	0.2	0.4	0.1	60	0.44	0.059
REP 1055456	QC	0.5	20.8	5.7	70	0.1	16.8	11.7	432	2.78	4.7	0.8	2.7	3.2	25	0.1	0.3	<0.1	56	0.41	0.059

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Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000600.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1062813	Soil	11	34	0.65	237	0.085	1	2.35	0.012	0.07	0.1	0.04	4.7	<0.1	<0.05	6	0.6	<0.2
REP 1062813	QC	11	35	0.67	234	0.087	2	2.40	0.012	0.07	0.2	0.04	5.0	<0.1	<0.05	6	<0.5	<0.2
1062821	Soil	10	29	0.95	241	0.116	1	2.34	0.010	0.10	0.1	0.02	4.1	<0.1	<0.05	7	0.5	<0.2
REP 1062821	QC	10	29	0.97	244	0.113	2	2.38	0.009	0.11	0.1	0.02	4.3	<0.1	<0.05	7	0.7	<0.2
1055726	Soil	10	29	0.65	254	0.074	2	2.07	0.010	0.12	0.1	0.05	3.4	0.2	<0.05	7	<0.5	<0.2
REP 1055726	QC	10	32	0.69	261	0.078	3	2.18	0.011	0.13	0.1	0.06	3.4	0.1	<0.05	7	<0.5	<0.2
1062910	Soil	4	19	1.67	437	0.235	1	3.29	0.024	1.23	<0.1	0.03	1.8	0.5	0.26	6	0.5	<0.2
REP 1062910	QC	4	20	1.66	432	0.231	2	3.26	0.023	1.21	<0.1	0.03	1.7	0.5	0.26	6	<0.5	<0.2
1062909	Soil	10	20	0.79	283	0.109	<1	1.97	0.014	0.20	0.1	0.06	5.1	0.2	<0.05	6	0.5	<0.2
REP 1062909	QC	9	21	0.79	273	0.105	1	1.97	0.014	0.20	<0.1	0.05	5.1	0.2	<0.05	6	<0.5	<0.2
1053119	Soil	10	15	0.27	172	0.012	2	1.13	0.008	0.07	0.1	0.02	2.2	0.2	<0.05	3	<0.5	<0.2
REP 1053119	QC	10	17	0.29	179	0.013	<1	1.19	0.008	0.08	0.1	0.02	2.2	0.2	<0.05	3	<0.5	<0.2
1014405	Soil	12	29	0.70	244	0.101	<1	1.93	0.023	0.06	0.4	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
REP 1014405	QC	12	30	0.75	238	0.105	<1	1.94	0.022	0.06	0.5	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1014076	Soil	8	32	1.24	183	0.186	2	2.29	0.010	0.21	0.1	0.01	2.3	0.1	<0.05	7	<0.5	<0.2
REP 1014076	QC	8	33	1.27	187	0.191	2	2.35	0.010	0.22	<0.1	<0.01	2.3	0.1	<0.05	8	<0.5	<0.2
1014078	Soil	19	89	1.37	150	0.154	2	2.12	0.013	0.21	0.1	0.02	4.4	0.1	<0.05	6	<0.5	<0.2
REP 1014078	QC	19	88	1.31	150	0.150	<1	2.04	0.013	0.20	0.1	0.01	4.4	0.1	<0.05	6	<0.5	<0.2
1014199	Soil	44	25	0.92	225	0.048	1	2.27	0.009	0.13	0.1	0.04	7.6	<0.1	<0.05	9	1.1	<0.2
REP 1014199	QC	44	24	0.93	232	0.048	<1	2.29	0.009	0.14	<0.1	0.03	7.6	<0.1	<0.05	9	0.5	<0.2
1054481	Soil	6	20	0.41	97	0.049	<1	1.97	0.006	0.11	<0.1	0.02	3.5	0.2	<0.05	7	<0.5	<0.2
REP 1054481	QC	6	20	0.41	96	0.047	<1	2.01	0.006	0.11	<0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1054483	Soil	17	26	0.50	242	0.071	2	2.05	0.008	0.13	<0.1	0.06	5.0	0.2	<0.05	6	<0.5	<0.2
REP 1054483	QC	17	25	0.47	237	0.065	1	1.91	0.008	0.12	<0.1	0.06	4.8	0.2	<0.05	5	<0.5	<0.2
1055454	Soil	13	40	0.85	239	0.131	2	1.83	0.019	0.09	0.1	0.03	5.5	<0.1	<0.05	6	<0.5	<0.2
REP 1055454	QC	13	41	0.86	238	0.133	1	1.83	0.019	0.09	0.1	0.03	5.7	<0.1	<0.05	6	<0.5	<0.2
1055456	Soil	12	29	0.85	247	0.087	1	1.81	0.014	0.06	0.1	0.05	4.2	<0.1	<0.05	6	<0.5	<0.2
REP 1055456	QC	12	28	0.86	245	0.076	2	1.82	0.013	0.05	0.1	0.04	3.8	<0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000600.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1015371	Soil	0.5	25.4	6.7	71	<0.1	42.6	21.3	649	4.07	6.0	0.8	96.3	7.0	31	<0.1	0.3	<0.1	91	0.47	0.099
REP 1015371	QC	0.4	22.5	6.4	64	<0.1	40.0	19.0	585	3.71	5.4	0.7	2.3	6.7	31	<0.1	0.3	<0.1	82	0.48	0.107
1054179	Soil	0.5	31.5	2.7	72	<0.1	16.0	11.7	507	3.74	3.3	0.4	0.7	5.5	24	<0.1	0.2	<0.1	57	0.27	0.053
REP 1054179	QC	0.3	28.2	2.5	63	<0.1	12.9	10.6	455	3.35	2.9	0.4	<0.5	5.2	22	<0.1	0.2	<0.1	50	0.29	0.065
1054172	Soil	0.4	17.1	3.7	84	<0.1	51.6	17.9	548	3.03	1.7	0.2	0.6	1.4	47	<0.1	0.1	<0.1	66	0.49	0.103
REP 1054172	QC	0.5	18.2	3.7	91	<0.1	54.9	19.2	569	3.26	2.0	0.2	0.9	1.5	46	<0.1	0.1	<0.1	70	0.48	0.098
Reference Materials																					
STD DS8	Standard	12.1	100.2	118.5	299	1.7	34.7	7.2	565	2.24	25.5	2.5	107.1	6.0	58	2.3	5.2	6.2	39	0.64	0.078
STD DS8	Standard	11.4	96.6	115.2	281	1.6	34.1	6.8	533	2.17	23.1	2.4	105.4	5.8	56	2.1	5.1	5.9	36	0.61	0.075
STD DS8	Standard	13.1	109.9	114.8	310	1.8	37.8	7.4	609	2.46	26.4	2.6	126.1	6.5	62	2.3	5.3	6.3	44	0.66	0.079
STD DS8	Standard	12.6	106.0	111.9	296	1.7	35.7	7.0	587	2.36	24.6	2.5	109.6	6.1	61	2.3	5.6	5.8	41	0.65	0.078
STD DS8	Standard	13.6	108.4	124.8	314	1.8	38.6	7.5	622	2.50	27.2	2.7	103.8	7.0	62	2.4	5.0	5.9	43	0.71	0.080
STD DS8	Standard	13.7	107.5	124.4	311	1.7	37.6	7.4	622	2.47	27.0	2.8	101.7	7.0	62	2.3	5.0	6.0	43	0.72	0.078
STD DS8	Standard	14.4	117.3	123.5	332	1.9	40.4	7.9	650	2.60	27.9	2.8	110.8	7.1	69	2.5	5.7	6.8	45	0.73	0.079
STD DS8	Standard	14.4	112.2	123.3	315	1.8	39.1	7.6	632	2.50	26.8	2.8	134.7	7.0	67	2.5	5.8	6.7	45	0.72	0.077
STD DS8	Standard	12.8	112.1	122.2	313	1.8	37.6	7.5	605	2.45	26.6	2.9	115.6	7.1	67	2.2	5.8	6.9	42	0.69	0.078
STD DS8	Standard	14.1	111.6	123.1	317	1.8	37.8	7.6	619	2.49	26.6	2.9	113.5	7.1	70	2.4	6.1	6.9	43	0.69	0.078
STD DS8	Standard	11.9	100.4	106.1	298	1.9	35.0	7.1	585	2.39	25.2	2.5	101.0	6.1	59	2.2	5.0	6.1	39	0.67	0.079
STD DS8	Standard	11.8	99.3	106.4	302	1.8	34.7	6.8	600	2.35	25.6	2.4	105.8	6.3	61	2.2	5.0	5.8	39	0.68	0.073
STD DS8	Standard	11.8	100.6	116.7	298	1.7	34.9	6.9	588	2.37	25.5	2.6	112.6	6.4	57	2.2	4.6	5.3	40	0.67	0.075
STD DS8	Standard	11.7	99.1	116.4	298	1.6	34.5	7.1	583	2.34	25.1	2.5	98.1	6.2	56	2.0	4.4	5.2	38	0.65	0.075
STD DS8	Standard	13.0	105.0	123.3	311	1.7	35.9	7.2	600	2.41	25.4	2.8	123.0	7.1	66	2.2	5.4	6.6	42	0.70	0.078
STD DS8	Standard	13.0	108.4	122.8	308	1.7	36.9	7.4	601	2.40	27.0	2.7	112.2	6.6	63	2.4	5.6	6.5	40	0.66	0.078
STD DS8	Standard	12.3	98.7	117.3	292	1.7	35.6	6.9	562	2.24	24.5	2.6	105.4	6.4	62	2.4	5.0	5.8	38	0.64	0.072
STD DS8	Standard	11.6	100.8	117.3	291	1.6	34.2	6.8	565	2.26	24.4	2.5	105.1	6.2	60	2.0	4.9	5.8	38	0.63	0.073
STD DS8	Standard	12.8	105.2	121.2	299	1.8	36.2	7.0	584	2.33	25.1	2.8	112.5	6.8	65	2.2	5.4	6.4	39	0.66	0.076
STD DS8	Standard	14.2	114.9	121.9	317	1.9	39.8	7.9	624	2.54	27.0	2.7	112.4	6.9	59	2.4	4.9	5.5	45	0.70	0.082
STD DS8	Standard	12.4	106.6	125.4	316	1.8	39.4	8.0	591	2.39	26.6	2.7	107.0	6.7	60	2.5	5.2	6.9	43	0.66	0.091
STD DS8	Standard	12.6	106.7	124.4	308	1.8	38.3	7.9	600	2.39	25.8	2.7	120.3	6.7	61	2.5	5.6	6.9	41	0.66	0.084

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000600.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1015371	Soil	13	43	1.98	344	0.272	<1	2.51	0.013	0.66	0.2	0.01	2.9	0.2	<0.05	8	<0.5	<0.2
REP 1015371	QC	13	40	1.78	315	0.254	<1	2.22	0.013	0.59	0.2	0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1054179	Soil	15	20	0.94	327	0.112	<1	2.26	0.010	0.38	0.2	<0.01	5.8	0.2	<0.05	9	<0.5	<0.2
REP 1054179	QC	13	15	0.80	291	0.093	<1	1.93	0.009	0.32	0.2	<0.01	5.0	0.2	<0.05	8	<0.5	<0.2
1054172	Soil	4	44	1.92	428	0.183	<1	2.74	0.012	0.74	<0.1	<0.01	1.9	0.3	<0.05	8	<0.5	<0.2
REP 1054172	QC	5	47	2.05	439	0.193	<1	2.89	0.012	0.78	<0.1	<0.01	1.9	0.3	<0.05	9	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	111	0.59	263	0.104	2	0.85	0.081	0.38	2.9	0.19	1.9	5.3	0.17	4	5.3	4.7
STD DS8	Standard	13	102	0.55	259	0.097	2	0.78	0.074	0.39	2.6	0.19	1.8	5.0	0.15	4	5.4	4.7
STD DS8	Standard	14	118	0.60	275	0.113	3	0.89	0.083	0.41	3.0	0.19	2.1	5.4	0.16	5	5.3	4.9
STD DS8	Standard	13	110	0.58	264	0.108	2	0.84	0.081	0.41	2.8	0.19	1.8	5.1	0.14	4	5.5	4.6
STD DS8	Standard	15	118	0.62	286	0.109	3	0.94	0.095	0.42	3.1	0.22	2.3	5.3	0.16	5	5.9	5.2
STD DS8	Standard	15	117	0.61	286	0.109	2	0.94	0.095	0.42	3.1	0.20	2.2	5.2	0.16	5	5.4	4.9
STD DS8	Standard	17	123	0.65	292	0.127	3	0.98	0.093	0.43	3.2	0.20	2.4	5.5	0.16	5	6.3	5.2
STD DS8	Standard	17	123	0.63	288	0.127	3	0.95	0.088	0.42	3.1	0.22	2.3	5.5	0.16	5	5.6	5.2
STD DS8	Standard	16	115	0.60	302	0.129	2	0.88	0.082	0.41	3.1	0.18	2.1	5.5	0.16	5	6.3	4.8
STD DS8	Standard	15	117	0.60	293	0.131	1	0.89	0.083	0.42	3.2	0.21	2.3	5.4	0.16	5	5.5	5.3
STD DS8	Standard	14	108	0.61	270	0.103	2	0.88	0.084	0.40	2.9	0.18	2.1	5.3	0.12	5	5.1	4.7
STD DS8	Standard	14	106	0.60	279	0.104	2	0.86	0.085	0.41	2.9	0.19	2.2	5.4	0.11	5	4.9	4.6
STD DS8	Standard	13	110	0.57	255	0.097	3	0.88	0.086	0.39	2.9	0.17	2.2	5.1	0.14	5	5.2	4.3
STD DS8	Standard	13	108	0.58	262	0.096	2	0.86	0.084	0.39	2.8	0.17	2.1	5.1	0.14	4	5.9	4.9
STD DS8	Standard	15	117	0.60	272	0.115	2	0.91	0.090	0.42	2.8	0.19	2.4	5.5	0.12	5	4.9	5.2
STD DS8	Standard	14	112	0.60	282	0.111	4	0.88	0.087	0.42	2.9	0.19	2.1	5.3	0.18	5	5.6	4.5
STD DS8	Standard	14	106	0.56	267	0.108	2	0.84	0.088	0.38	2.7	0.18	2.2	4.9	0.15	4	4.6	4.8
STD DS8	Standard	13	106	0.57	260	0.104	2	0.82	0.080	0.40	2.9	0.19	2.1	5.1	0.15	4	4.7	4.6
STD DS8	Standard	15	109	0.59	272	0.112	2	0.88	0.085	0.40	2.9	0.20	2.1	5.2	0.14	5	5.8	5.1
STD DS8	Standard	15	122	0.63	285	0.116	3	0.97	0.091	0.44	3.0	0.18	2.4	5.3	0.14	5	5.3	4.2
STD DS8	Standard	13	116	0.64	278	0.109	<1	0.94	0.083	0.41	3.0	0.20	1.9	5.5	0.19	5	4.9	5.2
STD DS8	Standard	12	113	0.60	278	0.106	3	0.86	0.082	0.39	3.0	0.19	1.9	5.4	0.17	5	4.4	4.9

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000600.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000600.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 06, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS WHI11000604.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 262

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	262	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	262	Dry at 60C			VAN
1DX2	262	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013246	Soil	1.0	24.7	16.0	55	<0.1	22.3	11.4	455	2.90	8.5	2.9	2.1	15.7	23	<0.1	0.5	0.9	66	0.22	0.020
1013247	Soil	0.9	26.8	15.6	50	0.1	21.9	9.6	384	2.92	10.1	2.8	3.9	16.6	18	<0.1	0.5	0.7	63	0.17	0.022
1013241	Soil	0.6	33.0	12.9	64	<0.1	25.4	10.1	495	3.02	10.1	3.1	4.6	13.2	31	<0.1	0.6	0.4	68	0.35	0.043
1013238	Soil	0.9	24.0	13.4	61	<0.1	23.6	10.9	496	3.05	10.7	2.4	32.5	13.4	23	<0.1	0.5	0.5	68	0.25	0.038
1062649	Soil	0.7	21.4	5.3	67	<0.1	22.5	17.4	496	3.88	8.5	0.4	0.6	5.3	22	<0.1	0.3	0.2	94	0.33	0.028
1013248	Soil	0.6	19.7	33.1	65	<0.1	18.6	9.4	749	2.72	5.9	3.5	3.4	49.6	17	<0.1	0.4	1.1	53	0.18	0.025
1013249	Soil	0.8	19.7	25.0	63	<0.1	21.1	9.5	736	2.73	7.8	2.9	1.2	34.7	19	<0.1	0.5	0.9	56	0.22	0.038
1010189	Soil	0.5	36.9	5.2	78	<0.1	19.0	17.2	681	3.96	5.2	0.5	<0.5	5.3	47	<0.1	0.2	0.1	96	0.57	0.036
1062638	Soil	1.7	68.7	3.4	88	<0.1	42.6	28.1	915	5.64	2.6	0.6	1.0	5.4	40	<0.1	0.1	0.3	135	0.76	0.087
1013245	Soil	0.6	14.9	15.0	40	<0.1	13.1	5.7	271	2.12	6.0	1.9	4.0	13.6	18	<0.1	0.3	0.6	54	0.22	0.031
1013250	Soil	0.5	39.5	3.6	65	<0.1	23.5	20.4	549	3.87	4.5	0.3	<0.5	2.7	30	<0.1	0.2	0.1	91	0.46	0.018
1062640	Soil	0.4	22.0	2.5	69	<0.1	11.1	18.6	692	4.09	3.1	0.4	<0.5	3.5	32	<0.1	0.1	<0.1	98	0.51	0.088
1062650	Soil	0.5	36.2	4.5	79	<0.1	18.7	22.3	750	5.95	6.1	1.2	<0.5	10.4	27	<0.1	0.4	<0.1	130	0.51	0.030
1010191	Soil	0.6	23.2	5.6	77	0.1	21.7	18.0	633	4.07	7.5	0.6	527.9	5.0	58	<0.1	0.4	0.1	95	0.59	0.045
1010190	Soil	0.6	13.6	5.7	85	<0.1	17.4	16.1	627	3.45	4.6	0.5	4.7	3.9	28	<0.1	0.3	0.1	84	0.36	0.031
1062648	Soil	0.4	32.2	2.2	71	<0.1	12.0	22.3	719	4.33	2.4	0.4	1.8	5.5	34	<0.1	<0.1	11.5	109	0.72	0.123
1062646	Soil	0.1	21.1	2.1	57	<0.1	9.3	16.7	439	3.16	1.4	0.5	<0.5	5.1	57	<0.1	<0.1	0.2	79	1.06	0.077
1062645	Soil	0.2	10.9	1.4	73	<0.1	10.1	22.7	751	3.78	1.9	0.3	<0.5	3.2	39	<0.1	<0.1	<0.1	86	0.61	0.087
1062644	Soil	0.3	4.8	2.1	69	<0.1	7.9	17.5	717	3.56	2.5	0.4	<0.5	5.1	15	<0.1	<0.1	<0.1	82	0.42	0.110
1062643	Soil	0.1	70.6	1.6	103	<0.1	10.6	20.9	859	5.03	1.4	0.7	1.4	5.9	61	<0.1	<0.1	<0.1	114	1.00	0.138
1013240	Soil	0.7	23.7	13.0	55	<0.1	22.1	9.9	515	2.73	8.0	2.4	3.5	15.6	26	<0.1	0.5	0.4	64	0.29	0.034
1062647	Soil	0.6	38.1	5.3	67	<0.1	25.5	11.1	315	2.96	5.2	0.6	0.8	9.0	16	<0.1	0.2	0.1	74	0.26	0.038
1062639	Soil	0.5	22.9	5.8	77	<0.1	15.5	18.1	631	4.22	5.8	0.5	1.7	4.0	34	<0.1	0.2	0.1	105	0.48	0.085
1062641	Soil	<0.1	4.2	7.1	104	<0.1	8.9	16.8	325	1.91	1.2	0.3	<0.5	2.2	132	<0.1	<0.1	<0.1	43	0.88	0.061
1062642	Soil	0.2	5.0	7.8	109	<0.1	10.3	17.9	345	2.06	1.7	0.3	<0.5	2.5	130	<0.1	<0.1	<0.1	47	0.89	0.058
1013244	Soil	0.6	20.7	22.6	53	<0.1	18.3	8.8	580	2.52	6.4	3.0	0.6	27.0	19	<0.1	0.4	1.3	56	0.25	0.043
1013243	Soil	0.7	24.8	19.4	56	<0.1	19.7	8.4	618	2.62	6.8	3.5	2.4	27.7	27	<0.1	0.4	0.9	61	0.31	0.033
1013237	Soil	0.8	30.4	12.8	57	<0.1	26.5	10.7	481	2.94	10.6	4.8	3.3	14.4	26	<0.1	0.5	0.3	72	0.27	0.027
1013242	Soil	0.6	26.5	18.9	60	<0.1	21.8	8.7	581	2.73	7.2	3.3	2.0	26.7	30	<0.1	0.5	0.9	65	0.34	0.036
1013239	Soil	0.6	24.5	15.5	58	<0.1	20.8	8.8	590	2.53	6.5	3.2	5.7	20.2	28	<0.1	0.4	0.7	62	0.38	0.046

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013246	Soil	20	39	0.51	203	0.083	3	2.08	0.015	0.05	0.2	0.04	7.3	0.2	<0.05	6	<0.5	<0.2
1013247	Soil	19	38	0.52	159	0.083	2	2.04	0.011	0.06	0.1	0.04	6.3	0.2	<0.05	6	<0.5	<0.2
1013241	Soil	22	38	0.64	263	0.097	2	1.96	0.020	0.07	0.2	0.05	6.9	0.2	<0.05	6	<0.5	<0.2
1013238	Soil	19	39	0.61	223	0.084	2	2.08	0.012	0.07	0.2	0.04	6.1	0.2	<0.05	6	<0.5	<0.2
1062649	Soil	7	34	1.36	274	0.206	2	3.03	0.014	0.40	0.1	0.02	3.5	0.1	<0.05	8	<0.5	<0.2
1013248	Soil	17	27	0.41	135	0.076	2	1.94	0.009	0.08	0.1	0.03	5.0	0.4	<0.05	6	<0.5	<0.2
1013249	Soil	20	30	0.47	178	0.079	2	1.89	0.011	0.10	0.2	0.03	5.6	0.5	<0.05	6	<0.5	<0.2
1010189	Soil	10	48	1.46	248	0.186	<1	2.83	0.018	0.17	0.3	0.02	5.8	<0.1	<0.05	8	<0.5	<0.2
1062638	Soil	9	82	2.65	438	0.260	1	4.21	0.024	1.00	0.3	0.01	8.4	0.6	<0.05	12	<0.5	<0.2
1013245	Soil	14	26	0.39	123	0.090	<1	1.55	0.012	0.05	0.1	0.02	3.5	0.2	<0.05	6	<0.5	<0.2
1013250	Soil	5	41	1.68	264	0.282	<1	3.41	0.015	0.16	0.3	0.01	3.0	<0.1	<0.05	8	<0.5	<0.2
1062640	Soil	15	20	1.56	555	0.270	1	2.96	0.022	0.91	0.2	0.01	3.3	0.2	<0.05	8	<0.5	<0.2
1062650	Soil	31	35	1.75	317	0.133	1	3.63	0.015	0.38	<0.1	0.02	16.4	0.2	<0.05	10	<0.5	<0.2
1010191	Soil	9	39	1.38	201	0.149	2	3.06	0.013	0.11	0.2	0.16	5.9	<0.1	<0.05	8	<0.5	<0.2
1010190	Soil	10	33	1.06	312	0.170	1	2.51	0.014	0.18	0.1	0.01	4.1	0.2	<0.05	7	<0.5	<0.2
1062648	Soil	14	25	1.91	429	0.271	<1	3.08	0.025	0.98	0.3	0.01	5.2	0.3	<0.05	8	<0.5	<0.2
1062646	Soil	10	24	1.20	328	0.199	<1	3.26	0.026	0.58	<0.1	<0.01	3.9	0.2	<0.05	8	<0.5	<0.2
1062645	Soil	13	22	1.45	356	0.187	<1	2.61	0.015	0.65	1.1	<0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1062644	Soil	8	20	1.16	381	0.215	<1	2.55	0.024	0.87	<0.1	<0.01	3.8	0.2	<0.05	7	<0.5	<0.2
1062643	Soil	16	17	1.67	522	0.277	<1	3.32	0.021	0.77	<0.1	<0.01	4.8	0.1	<0.05	10	<0.5	<0.2
1013240	Soil	22	34	0.59	231	0.104	2	1.89	0.013	0.08	0.2	0.03	6.2	0.3	<0.05	6	<0.5	<0.2
1062647	Soil	14	49	0.90	147	0.117	1	2.09	0.017	0.11	0.1	0.01	3.2	<0.1	<0.05	7	<0.5	<0.2
1062639	Soil	10	27	1.40	408	0.224	1	3.24	0.015	0.54	0.3	0.02	4.3	0.2	<0.05	9	<0.5	<0.2
1062641	Soil	7	8	1.06	269	0.121	<1	3.28	0.041	0.10	<0.1	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1062642	Soil	8	10	1.12	257	0.128	1	3.61	0.041	0.08	<0.1	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1013244	Soil	23	31	0.47	161	0.093	<1	1.77	0.012	0.08	0.1	0.02	4.7	0.3	<0.05	5	<0.5	<0.2
1013243	Soil	28	32	0.54	209	0.104	2	1.72	0.014	0.08	0.2	0.05	6.4	0.3	<0.05	6	<0.5	<0.2
1013237	Soil	23	40	0.63	236	0.104	1	2.04	0.013	0.07	0.1	0.04	7.4	0.2	<0.05	6	<0.5	<0.2
1013242	Soil	29	35	0.55	224	0.110	1	1.84	0.014	0.09	0.2	0.04	7.1	0.3	<0.05	6	<0.5	<0.2
1013239	Soil	26	32	0.55	196	0.108	2	1.45	0.017	0.08	0.1	0.04	5.4	0.2	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062552	Soil	0.6	24.0	7.0	73	<0.1	18.0	13.3	533	3.31	5.5	0.8	<0.5	4.1	34	<0.1	0.2	0.1	78	0.44	0.057
1062554	Soil	0.8	20.5	8.4	64	<0.1	19.7	12.2	428	3.22	6.4	0.8	2.7	4.1	24	<0.1	0.3	0.1	73	0.27	0.036
1062580	Soil	0.5	26.3	6.1	63	<0.1	16.6	13.0	452	3.08	4.3	0.7	0.9	4.7	32	<0.1	0.2	<0.1	72	0.43	0.043
1062562	Soil	0.9	26.8	6.7	70	<0.1	24.5	21.8	561	4.62	6.9	0.3	0.6	2.6	27	<0.1	0.2	<0.1	99	0.31	0.061
1062576	Soil	0.8	21.1	8.1	75	<0.1	17.2	13.4	437	3.57	6.0	0.6	0.6	4.4	28	<0.1	0.2	0.1	82	0.33	0.056
1062560	Soil	0.8	66.5	6.7	69	<0.1	21.5	16.2	491	3.87	8.4	0.5	4.3	3.6	35	<0.1	0.4	0.1	84	0.23	0.037
1062551	Soil	0.7	18.4	6.1	58	<0.1	18.1	11.5	424	2.99	7.3	0.6	3.8	3.4	22	0.1	0.3	0.1	70	0.26	0.051
1062558	Soil	0.7	20.3	11.3	73	<0.1	24.5	17.8	558	4.01	7.3	0.5	2.4	2.7	100	<0.1	0.4	0.1	87	0.41	0.042
1062553	Soil	1.1	13.4	7.3	54	<0.1	15.3	7.7	257	3.33	9.8	0.4	2.7	1.7	13	0.2	0.4	0.2	77	0.15	0.035
1062555	Soil	1.2	17.4	9.0	64	<0.1	21.8	13.7	552	3.64	8.5	0.4	1.5	2.0	22	0.1	0.5	0.2	85	0.21	0.040
1062585	Soil	0.8	59.1	7.2	67	<0.1	18.6	18.4	655	4.48	6.1	0.8	0.5	3.7	36	0.1	0.3	0.1	100	0.45	0.062
1062557	Soil	0.6	40.2	4.4	49	<0.1	16.2	20.4	301	3.56	6.5	0.3	0.8	1.5	28	<0.1	0.3	<0.1	93	0.95	0.308
1062561	Soil	0.9	19.8	8.5	75	<0.1	22.8	16.1	458	3.67	9.5	0.3	1.3	3.2	21	<0.1	0.4	0.1	77	0.21	0.030
1062556	Soil	0.3	130.7	4.3	44	<0.1	18.5	24.8	426	3.75	2.1	0.4	<0.5	2.9	27	<0.1	0.2	<0.1	107	1.21	0.345
1062559	Soil	0.7	18.9	7.1	54	<0.1	26.0	12.1	272	2.81	9.6	0.5	2.9	4.0	16	0.1	0.4	0.1	60	0.18	0.026
1062565	Soil	0.7	23.5	6.1	74	<0.1	18.5	14.8	532	3.97	6.4	0.5	2.2	3.7	25	<0.1	0.3	0.1	90	0.27	0.032
1062567	Soil	1.2	19.8	8.2	56	<0.1	18.6	11.4	358	3.13	8.4	0.6	1.5	3.3	20	<0.1	0.3	0.1	79	0.24	0.036
1062566	Soil	0.7	20.2	6.0	64	<0.1	19.1	14.0	428	3.53	6.9	0.5	2.5	3.4	20	<0.1	0.3	0.1	85	0.24	0.031
1062571	Soil	0.2	22.3	4.7	135	<0.1	6.5	12.5	388	2.99	2.1	0.4	<0.5	2.2	13	<0.1	0.1	<0.1	63	0.60	0.213
1062568	Soil	0.4	8.3	6.6	142	<0.1	10.4	13.5	780	3.88	3.7	0.3	<0.5	1.5	14	<0.1	0.2	<0.1	63	0.25	0.056
1062583	Soil	0.7	14.2	6.3	70	<0.1	22.0	17.1	490	3.56	8.6	0.4	1.7	2.1	24	<0.1	0.3	0.1	72	0.27	0.042
1062586	Soil	0.6	25.6	19.8	54	<0.1	21.0	13.7	369	3.13	6.8	0.5	1.0	3.3	28	<0.1	0.3	0.1	75	0.33	0.034
1062577	Soil	0.7	18.3	6.0	61	<0.1	15.1	9.8	326	2.91	5.0	0.4	3.1	3.1	22	<0.1	0.2	0.1	68	0.28	0.032
1062584	Soil	0.6	22.2	7.0	57	<0.1	20.4	14.5	443	3.43	6.2	0.7	1.1	5.2	24	<0.1	0.4	0.1	74	0.32	0.035
1062564	Soil	0.7	29.8	5.4	76	<0.1	18.8	14.8	546	3.78	5.7	0.7	0.8	3.8	27	<0.1	0.3	<0.1	87	0.38	0.037
1062579	Soil	0.7	16.1	8.4	81	<0.1	13.4	14.3	611	3.99	4.0	0.6	<0.5	3.9	26	<0.1	0.2	<0.1	96	0.36	0.039
1062578	Soil	0.6	17.9	8.5	85	<0.1	14.3	16.1	680	4.30	3.9	0.6	<0.5	4.6	27	<0.1	0.2	<0.1	97	0.39	0.043
1062575	Soil	0.9	17.6	7.2	60	<0.1	12.7	8.0	246	2.83	7.4	0.5	0.9	2.5	18	<0.1	0.3	0.1	81	0.22	0.042
1062581	Soil	0.6	17.1	5.9	54	<0.1	12.8	12.3	434	3.17	5.1	0.5	<0.5	3.6	25	<0.1	0.2	0.1	78	0.30	0.037
1062582	Soil	1.0	23.3	5.0	60	<0.1	21.1	24.5	625	3.76	6.0	0.5	<0.5	4.2	23	0.1	0.3	<0.1	82	0.31	0.050

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062552	Soil	15	32	0.93	189	0.175	1	2.26	0.013	0.16	<0.1	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1062554	Soil	13	36	0.74	196	0.127	<1	2.30	0.012	0.10	<0.1	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
1062580	Soil	17	33	1.01	182	0.179	<1	2.01	0.014	0.22	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1062562	Soil	5	57	1.73	212	0.247	<1	3.33	0.013	0.49	0.1	0.02	2.9	0.2	<0.05	8	<0.5	<0.2
1062576	Soil	12	34	0.94	177	0.145	1	2.50	0.013	0.20	0.1	0.02	3.9	0.1	<0.05	7	<0.5	<0.2
1062560	Soil	9	42	1.20	254	0.179	1	2.74	0.010	0.27	0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1062551	Soil	11	29	0.72	167	0.119	1	2.03	0.010	0.11	0.1	<0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1062558	Soil	7	52	1.30	283	0.126	<1	2.98	0.015	0.06	0.2	<0.01	5.2	<0.1	<0.05	9	<0.5	<0.2
1062553	Soil	7	29	0.49	97	0.111	1	1.86	0.008	0.07	0.1	0.02	2.2	<0.1	<0.05	7	<0.5	<0.2
1062555	Soil	7	39	0.66	175	0.127	1	2.09	0.012	0.08	0.1	<0.01	2.6	0.1	<0.05	8	<0.5	<0.2
1062585	Soil	10	45	1.32	133	0.145	1	2.99	0.008	0.08	0.1	<0.01	5.4	<0.1	<0.05	9	<0.5	<0.2
1062557	Soil	4	26	0.98	231	0.149	1	2.39	0.037	0.18	0.2	<0.01	2.5	<0.1	<0.05	6	<0.5	<0.2
1062561	Soil	6	43	1.05	194	0.147	1	2.68	0.011	0.10	0.1	0.02	2.3	<0.1	<0.05	7	<0.5	<0.2
1062556	Soil	7	17	1.41	192	0.142	<1	2.13	0.058	0.39	<0.1	<0.01	4.5	0.2	<0.05	5	<0.5	<0.2
1062559	Soil	10	33	0.62	197	0.092	1	2.03	0.011	0.07	0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1062565	Soil	10	35	1.22	208	0.195	1	2.77	0.012	0.27	0.1	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1062567	Soil	10	35	0.71	166	0.119	1	2.30	0.013	0.08	0.1	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1062566	Soil	9	36	1.02	178	0.173	<1	2.64	0.012	0.17	0.1	0.01	3.1	0.1	<0.05	7	<0.5	<0.2
1062571	Soil	12	9	1.14	359	0.153	<1	1.87	0.030	0.53	<0.1	<0.01	3.4	0.2	<0.05	8	<0.5	<0.2
1062568	Soil	4	16	0.87	213	0.233	<1	2.50	0.010	0.60	<0.1	<0.01	1.8	0.3	<0.05	8	<0.5	<0.2
1062583	Soil	8	35	1.15	137	0.110	<1	2.48	0.010	0.06	0.1	0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1062586	Soil	11	36	0.85	233	0.119	1	2.34	0.015	0.08	0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1062577	Soil	10	31	0.80	181	0.118	<1	1.94	0.012	0.12	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1062584	Soil	17	34	0.92	257	0.084	<1	2.59	0.012	0.13	<0.1	0.01	4.3	0.1	<0.05	7	<0.5	<0.2
1062564	Soil	12	37	1.26	253	0.194	1	2.51	0.014	0.31	0.1	<0.01	4.1	0.2	<0.05	7	<0.5	<0.2
1062579	Soil	11	29	1.37	189	0.233	<1	2.62	0.012	0.46	<0.1	<0.01	3.5	0.2	<0.05	9	<0.5	<0.2
1062578	Soil	12	30	1.51	201	0.242	<1	2.97	0.013	0.53	<0.1	<0.01	3.6	0.2	<0.05	9	<0.5	<0.2
1062575	Soil	10	27	0.60	145	0.137	1	1.86	0.012	0.09	<0.1	0.02	2.9	<0.1	<0.05	8	<0.5	<0.2
1062581	Soil	10	26	0.88	153	0.192	<1	2.21	0.012	0.25	<0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1062582	Soil	9	34	1.17	183	0.207	1	2.71	0.013	0.45	0.4	0.01	2.8	0.2	<0.05	6	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055597	Soil	0.6	21.2	15.5	77	<0.1	19.0	19.7	624	4.15	5.5	0.6	1.4	3.8	33	<0.1	0.2	<0.1	85	0.45	0.040
1055588	Soil	0.7	29.8	8.9	67	<0.1	18.3	18.5	720	4.30	5.6	0.7	3.4	3.6	32	<0.1	0.3	<0.1	95	0.52	0.074
1055598	Soil	0.8	22.5	10.5	69	<0.1	13.7	18.1	797	3.95	4.5	0.7	0.7	3.3	19	0.4	0.3	0.1	70	0.23	0.048
1055599	Soil	0.7	14.9	12.2	59	<0.1	15.7	14.8	478	3.50	6.6	0.4	0.5	3.4	33	0.2	0.3	0.1	77	0.39	0.048
1055590	Soil	0.6	17.1	6.2	64	<0.1	17.8	16.7	596	3.77	6.4	0.7	0.6	3.4	34	0.1	0.3	<0.1	85	0.41	0.058
1062573	Soil	0.6	14.0	6.8	51	<0.1	10.6	5.8	180	2.22	4.6	0.4	3.6	2.3	16	0.1	0.2	0.1	69	0.17	0.026
1010699	Soil	0.9	20.3	7.5	48	0.1	15.4	9.1	290	2.95	4.6	0.7	2.4	3.3	27	0.1	0.3	0.1	75	0.51	0.021
1010700	Soil	0.7	20.5	9.9	58	<0.1	19.7	14.5	472	3.35	4.9	0.7	1.3	5.7	28	0.2	0.3	0.1	70	0.52	0.047
1055587	Soil	0.8	28.0	6.9	64	<0.1	17.7	17.4	710	4.05	6.3	0.7	2.2	3.5	32	<0.1	0.3	<0.1	94	0.56	0.085
1055589	Soil	0.7	28.5	6.5	66	<0.1	22.4	14.5	498	3.68	7.3	1.0	2.6	5.1	33	<0.1	0.3	0.1	82	0.39	0.038
1062570	Soil	0.6	20.4	8.0	205	<0.1	11.8	12.0	670	4.13	4.1	0.4	1.5	2.0	29	0.2	0.2	0.1	60	0.31	0.088
1062569	Soil	1.1	57.6	7.8	250	<0.1	13.5	12.7	487	4.08	3.8	0.4	1.9	2.1	14	0.2	0.2	0.1	70	0.27	0.083
1062574	Soil	0.5	33.9	6.6	116	<0.1	18.0	15.0	462	3.67	4.7	0.8	1.9	4.4	21	0.1	0.3	<0.1	73	0.37	0.089
1062572	Soil	0.7	31.2	8.7	125	<0.1	12.6	9.7	366	3.01	5.0	0.5	2.1	2.6	17	0.2	0.3	0.1	66	0.25	0.064
1062563	Soil	1.0	23.9	7.6	63	<0.1	20.8	12.5	385	3.56	8.6	0.5	4.4	3.6	22	0.1	0.4	0.1	81	0.24	0.034
1055754	Soil	0.7	32.5	8.8	57	0.1	23.9	11.8	391	2.77	7.0	1.4	3.4	3.9	43	0.2	0.5	0.1	61	0.70	0.053
1055755	Soil	0.6	28.6	10.0	58	<0.1	21.5	13.3	498	2.87	6.3	1.4	36.4	4.2	41	<0.1	0.4	0.1	65	0.65	0.044
1055756	Soil	0.7	22.7	7.3	57	<0.1	20.0	11.3	357	2.85	5.9	0.9	4.4	4.4	35	<0.1	0.4	0.1	62	0.52	0.049
1055752	Soil	0.7	24.2	9.3	60	<0.1	22.4	14.2	459	3.36	5.9	0.7	2.4	5.3	30	<0.1	0.4	0.1	75	0.49	0.046
1055751	Soil	0.7	32.3	13.0	66	<0.1	23.3	12.6	453	3.44	6.3	1.0	2.3	6.5	36	<0.1	0.4	0.1	74	0.56	0.039
1055753	Soil	0.5	33.3	9.3	66	<0.1	24.7	12.0	407	3.15	6.7	0.9	4.9	5.2	38	0.1	0.5	0.1	69	0.61	0.048
1010698	Soil	0.6	33.5	10.8	72	<0.1	20.6	15.2	608	3.86	5.0	1.0	10.7	9.3	32	<0.1	0.3	0.1	76	0.48	0.036
1055585	Soil	0.4	20.0	6.0	54	<0.1	14.5	11.2	428	2.70	3.7	0.8	2.2	4.7	35	<0.1	0.3	<0.1	65	0.42	0.038
1055584	Soil	0.4	31.8	6.8	68	<0.1	19.7	15.0	584	3.70	5.6	0.6	2.2	4.5	40	<0.1	0.3	<0.1	89	0.45	0.044
1055583	Soil	0.6	24.4	6.3	84	<0.1	18.1	17.7	710	4.21	4.8	0.8	1.5	5.2	43	<0.1	0.3	<0.1	98	0.43	0.039
1055600	Soil	0.6	32.6	12.5	103	<0.1	14.2	25.4	1049	6.25	3.7	0.4	2.1	3.9	64	0.1	0.2	<0.1	136	0.45	0.058
1055592	Soil	0.3	21.5	4.4	65	<0.1	15.8	15.5	556	3.57	2.8	0.5	0.8	2.9	61	<0.1	0.2	<0.1	82	0.52	0.059
1010691	Soil	0.6	33.0	13.5	112	<0.1	14.7	26.2	1042	6.74	4.7	0.5	1.3	3.8	57	<0.1	0.2	<0.1	144	0.41	0.041
1055586	Soil	1.0	56.2	10.4	64	<0.1	27.9	13.3	463	3.96	10.2	2.1	4.8	7.3	35	<0.1	0.7	0.2	87	0.38	0.035
1010697	Soil	0.8	36.5	8.3	67	<0.1	25.9	13.3	447	3.60	9.3	1.1	3.2	5.9	34	<0.1	0.5	0.1	82	0.38	0.023

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055597	Soil	23	34	1.45	265	0.189	<1	3.00	0.012	0.27	0.1	<0.01	3.7	0.1	<0.05	8	<0.5	<0.2
1055588	Soil	11	36	1.45	240	0.198	<1	2.54	0.014	0.61	<0.1	0.02	5.2	0.2	<0.05	7	<0.5	<0.2
1055598	Soil	8	25	1.01	122	0.073	<1	2.22	0.009	0.10	0.1	<0.01	3.4	<0.1	<0.05	6	<0.5	<0.2
1055599	Soil	9	31	1.10	192	0.146	1	2.27	0.014	0.18	<0.1	0.01	2.9	0.1	<0.05	6	<0.5	<0.2
1055590	Soil	12	35	1.30	251	0.186	1	2.51	0.019	0.45	<0.1	<0.01	4.1	0.2	<0.05	7	<0.5	<0.2
1062573	Soil	11	24	0.52	99	0.124	<1	1.42	0.011	0.07	<0.1	0.02	2.4	0.1	<0.05	7	<0.5	<0.2
1010699	Soil	17	29	0.72	351	0.077	<1	2.09	0.014	0.08	0.1	0.01	3.6	<0.1	<0.05	7	<0.5	<0.2
1010700	Soil	14	34	1.02	259	0.080	1	2.31	0.019	0.09	<0.1	0.02	4.0	<0.1	<0.05	6	<0.5	<0.2
1055587	Soil	12	35	1.38	237	0.198	1	2.43	0.016	0.45	<0.1	0.02	5.3	0.2	<0.05	7	<0.5	<0.2
1055589	Soil	14	41	1.04	232	0.170	1	2.50	0.015	0.24	0.1	0.02	5.8	0.2	<0.05	7	<0.5	<0.2
1062570	Soil	11	23	1.19	283	0.117	2	2.61	0.016	0.26	<0.1	<0.01	7.2	0.2	<0.05	10	<0.5	<0.2
1062569	Soil	10	22	1.34	271	0.158	1	2.53	0.025	0.32	<0.1	<0.01	6.2	0.2	0.06	10	0.6	<0.2
1062574	Soil	13	32	1.14	273	0.180	1	2.40	0.019	0.31	0.1	0.01	4.9	0.1	<0.05	8	<0.5	<0.2
1062572	Soil	11	22	0.73	164	0.128	1	1.71	0.016	0.12	0.1	0.02	3.8	<0.1	<0.05	8	<0.5	<0.2
1062563	Soil	11	34	0.93	229	0.165	1	2.57	0.013	0.16	0.1	0.02	3.5	0.2	<0.05	8	<0.5	<0.2
1055754	Soil	15	32	0.70	283	0.083	<1	1.82	0.027	0.06	0.1	0.04	5.0	<0.1	<0.05	5	0.6	<0.2
1055755	Soil	15	33	0.75	291	0.095	<1	2.04	0.023	0.06	0.1	0.04	5.2	<0.1	<0.05	6	<0.5	<0.2
1055756	Soil	13	34	0.76	242	0.098	1	1.96	0.020	0.06	0.1	0.02	4.6	<0.1	<0.05	6	<0.5	<0.2
1055752	Soil	15	39	0.93	266	0.120	<1	2.38	0.017	0.08	0.1	0.01	5.1	<0.1	<0.05	7	<0.5	<0.2
1055751	Soil	17	38	0.92	315	0.108	<1	2.47	0.025	0.08	0.1	0.04	6.8	<0.1	<0.05	7	<0.5	<0.2
1055753	Soil	16	37	0.84	308	0.120	1	2.22	0.031	0.08	0.1	0.03	5.6	<0.1	<0.05	6	<0.5	<0.2
1010698	Soil	26	34	1.47	360	0.103	<1	2.81	0.017	0.10	<0.1	0.02	6.5	<0.1	<0.05	8	<0.5	<0.2
1055585	Soil	19	28	0.86	147	0.189	<1	1.81	0.015	0.10	0.1	0.01	3.3	<0.1	<0.05	6	<0.5	<0.2
1055584	Soil	14	37	1.24	255	0.222	1	2.54	0.017	0.30	<0.1	0.03	5.6	0.2	<0.05	7	<0.5	<0.2
1055583	Soil	17	39	1.51	249	0.265	<1	2.76	0.017	0.63	0.1	0.02	5.0	0.2	<0.05	7	<0.5	<0.2
1055600	Soil	6	34	2.71	194	0.377	<1	3.80	0.009	0.67	0.2	<0.01	7.4	0.3	<0.05	11	<0.5	<0.2
1055592	Soil	10	30	1.45	249	0.244	<1	2.43	0.020	0.56	<0.1	<0.01	3.4	0.2	<0.05	7	<0.5	<0.2
1010691	Soil	6	36	2.79	197	0.413	<1	3.93	0.009	0.62	0.2	<0.01	6.9	0.3	<0.05	12	<0.5	<0.2
1055586	Soil	24	50	0.80	325	0.149	1	2.88	0.017	0.14	0.2	0.10	10.0	0.1	<0.05	7	<0.5	<0.2
1010697	Soil	22	42	1.04	285	0.127	<1	2.67	0.017	0.07	0.1	0.04	7.0	<0.1	<0.05	8	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022435	Soil		0.4	11.0	4.2	77	<0.1	6.3	7.7	707	3.11	<0.5	0.6	0.6	4.2	22	<0.1	0.4	0.1	13	0.35	0.056
1022436	Soil		0.9	23.9	5.8	61	<0.1	11.9	8.9	500	3.34	3.7	0.9	2.3	4.4	22	<0.1	0.5	<0.1	39	0.22	0.027
1022437	Soil		0.7	34.6	6.8	58	0.1	27.8	12.1	496	2.79	8.1	0.9	7.8	4.9	33	<0.1	0.6	0.1	55	0.46	0.069
1022438	Soil		1.0	21.3	6.7	58	<0.1	23.7	12.1	337	3.40	9.7	0.5	1.3	3.0	26	0.1	0.6	0.2	78	0.21	0.046
1022439	Soil		1.0	19.7	8.5	51	<0.1	19.8	11.1	287	3.18	11.0	0.6	2.0	3.7	21	0.1	0.6	0.1	75	0.19	0.027
1055593	Soil		0.5	17.9	7.1	73	<0.1	14.6	17.1	629	3.85	2.9	0.4	1.2	2.9	57	<0.1	0.2	<0.1	88	0.42	0.040
1055594	Soil		1.0	27.9	19.4	69	<0.1	21.6	15.2	487	4.05	9.6	0.6	3.9	4.2	24	<0.1	0.5	0.2	92	0.26	0.034
1055595	Soil		0.8	22.2	9.6	56	<0.1	16.3	10.2	313	3.02	7.5	0.8	2.7	4.1	31	<0.1	0.4	0.1	77	0.33	0.025
1055596	Soil		0.5	30.1	8.8	61	<0.1	17.7	13.7	458	3.49	5.0	1.0	2.8	5.3	43	<0.1	0.3	0.1	77	0.49	0.031
1010693	Soil		0.7	29.5	88.0	92	<0.1	14.2	21.1	905	5.08	4.5	0.5	<0.5	4.9	53	0.1	0.2	<0.1	110	0.42	0.054
1055591	Soil		0.4	23.2	5.0	75	<0.1	18.0	20.9	785	4.62	3.4	0.4	0.9	3.2	65	<0.1	0.2	<0.1	100	0.45	0.056
1010692	Soil		0.7	58.2	168.4	73	<0.1	21.6	16.0	600	4.31	5.6	1.0	3.5	6.1	64	0.1	0.4	0.2	108	0.51	0.030
1010696	Soil		0.7	20.9	7.5	50	<0.1	20.5	11.9	309	2.82	7.1	0.7	2.0	5.2	27	<0.1	0.4	0.1	69	0.33	0.027
1010695	Soil		1.2	13.1	10.6	113	<0.1	19.1	27.5	1034	7.03	6.2	1.0	0.9	4.2	34	0.2	0.4	0.1	155	0.36	0.035
1010694	Soil		0.7	22.7	19.6	85	<0.1	15.2	24.2	798	5.52	4.0	0.4	0.8	2.6	36	<0.1	0.2	<0.1	122	0.45	0.059
1022424	Soil		0.3	19.4	2.6	114	<0.1	8.0	11.0	310	2.62	2.5	0.6	1.8	2.1	9	0.1	0.2	<0.1	36	0.38	0.132
1022425	Soil		0.3	10.3	2.1	58	<0.1	8.0	11.1	560	2.91	2.0	0.4	13.9	1.5	24	<0.1	0.1	<0.1	31	0.40	0.114
1022426	Soil		0.6	14.8	2.7	55	<0.1	9.2	11.6	172	2.19	3.1	0.4	2.2	1.8	17	0.1	0.2	<0.1	32	0.24	0.093
1022427	Soil		0.2	25.7	0.8	43	<0.1	4.8	11.0	272	2.73	0.9	0.6	1.2	1.9	15	<0.1	<0.1	<0.1	27	0.41	0.127
1022428	Soil		0.3	20.2	2.2	84	<0.1	12.3	10.9	436	3.62	3.8	0.5	2.8	2.3	19	0.1	0.2	<0.1	30	0.20	0.032
1022445	Soil		0.4	101.2	3.1	87	<0.1	15.6	23.8	764	6.75	3.8	0.5	2.8	3.4	12	<0.1	0.2	<0.1	214	0.21	0.048
1022446	Soil		0.5	109.8	2.9	91	<0.1	16.7	25.9	863	7.57	4.1	0.5	2.9	3.4	11	0.1	0.2	<0.1	243	0.20	0.047
1022421	Soil		0.5	17.7	4.4	54	<0.1	13.1	11.3	252	3.14	5.6	0.4	1.4	2.3	10	<0.1	0.3	<0.1	50	0.19	0.054
1022422	Soil		0.4	17.9	1.9	72	<0.1	5.5	9.4	744	3.67	2.1	0.4	2.7	1.7	8	<0.1	0.2	<0.1	28	0.26	0.085
1022423	Soil		0.5	38.9	1.9	58	<0.1	9.4	13.3	307	3.49	2.8	0.4	2.8	1.6	15	<0.1	0.2	<0.1	57	0.40	0.096
1022440	Soil		0.6	32.4	5.9	47	<0.1	14.2	10.3	333	2.95	5.6	0.7	3.2	4.0	27	<0.1	0.3	0.1	57	0.43	0.011
1022441	Soil		0.7	37.3	5.3	60	<0.1	29.5	17.2	390	3.40	6.9	0.4	3.2	3.0	43	<0.1	0.4	<0.1	83	0.34	0.037
1022442	Soil		0.9	24.8	6.4	59	<0.1	25.0	14.6	404	3.35	8.3	0.6	4.4	4.6	25	0.1	0.4	0.1	79	0.24	0.044
1022443	Soil		0.5	35.4	11.6	49	<0.1	124.9	23.0	528	3.86	7.7	2.1	2.6	16.9	37	0.1	0.2	0.1	109	0.49	0.052
1022444	Soil		0.7	28.0	7.4	52	<0.1	22.6	12.1	256	2.93	9.6	0.9	6.0	4.0	17	<0.1	0.4	0.2	69	0.19	0.032

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022435	Soil	13	4	0.33	412	0.003	<1	1.49	0.015	0.07	<0.1	<0.01	10.0	<0.1	<0.05	3	<0.5	<0.2
1022436	Soil	18	19	0.50	444	0.031	<1	2.04	0.011	0.08	<0.1	0.02	6.5	<0.1	<0.05	6	<0.5	<0.2
1022437	Soil	17	32	0.79	260	0.119	1	1.74	0.016	0.07	0.2	0.03	6.9	<0.1	<0.05	5	<0.5	<0.2
1022438	Soil	10	39	0.69	125	0.099	2	2.23	0.011	0.05	0.2	0.02	3.6	<0.1	<0.05	7	0.6	<0.2
1022439	Soil	10	37	0.62	163	0.107	1	2.48	0.013	0.05	0.1	0.04	3.9	<0.1	<0.05	6	<0.5	<0.2
1055593	Soil	9	29	1.46	222	0.245	<1	2.72	0.014	0.39	<0.1	0.01	3.0	0.2	<0.05	8	<0.5	<0.2
1055594	Soil	10	40	0.91	174	0.181	1	2.83	0.014	0.10	0.1	0.02	3.9	0.1	<0.05	8	<0.5	<0.2
1055595	Soil	15	35	0.79	189	0.162	<1	2.22	0.016	0.06	0.1	0.03	4.7	0.1	<0.05	7	<0.5	<0.2
1055596	Soil	19	37	0.99	236	0.153	<1	2.58	0.015	0.06	<0.1	0.03	7.1	<0.1	<0.05	7	<0.5	<0.2
1010693	Soil	8	32	2.02	231	0.277	<1	3.21	0.009	0.37	0.2	<0.01	8.1	0.2	<0.05	11	<0.5	<0.2
1055591	Soil	10	36	1.92	250	0.280	<1	3.25	0.016	0.61	<0.1	<0.01	3.2	0.3	<0.05	9	<0.5	<0.2
1010692	Soil	20	45	1.32	335	0.217	<1	2.72	0.022	0.11	<0.1	0.04	10.5	<0.1	<0.05	9	0.5	<0.2
1010696	Soil	17	35	0.67	314	0.104	1	2.18	0.017	0.07	<0.1	0.02	4.5	<0.1	<0.05	6	<0.5	<0.2
1010695	Soil	9	45	2.73	203	0.167	<1	4.16	0.012	0.06	<0.1	<0.01	9.5	<0.1	<0.05	15	<0.5	<0.2
1010694	Soil	7	33	2.23	262	0.371	<1	3.85	0.012	0.90	0.1	<0.01	3.5	0.3	<0.05	10	<0.5	<0.2
1022424	Soil	6	11	0.58	200	0.130	<1	1.85	0.018	0.41	0.1	<0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
1022425	Soil	4	10	0.49	276	0.115	<1	2.02	0.023	0.26	<0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1022426	Soil	6	10	0.51	139	0.061	<1	1.82	0.017	0.10	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1022427	Soil	12	4	0.64	293	0.116	<1	2.06	0.022	0.35	<0.1	<0.01	5.2	<0.1	<0.05	8	<0.5	<0.2
1022428	Soil	5	11	0.58	222	0.127	<1	2.50	0.018	0.16	<0.1	<0.01	4.4	<0.1	<0.05	8	<0.5	<0.2
1022445	Soil	16	37	2.13	543	0.216	<1	3.57	0.018	0.87	<0.1	<0.01	12.9	0.2	<0.05	13	<0.5	<0.2
1022446	Soil	15	42	2.46	555	0.245	<1	4.06	0.020	0.98	<0.1	<0.01	14.6	0.3	<0.05	14	<0.5	<0.2
1022421	Soil	6	18	0.55	149	0.089	1	2.45	0.017	0.06	0.1	<0.01	3.5	<0.1	<0.05	7	0.6	<0.2
1022422	Soil	4	8	0.44	226	0.136	<1	1.72	0.012	0.27	<0.1	<0.01	4.8	<0.1	<0.05	7	<0.5	<0.2
1022423	Soil	9	11	0.69	239	0.189	<1	2.23	0.028	0.48	<0.1	<0.01	4.5	0.1	<0.05	7	<0.5	<0.2
1022440	Soil	12	25	0.75	206	0.019	<1	2.52	0.017	0.07	<0.1	<0.01	5.3	<0.1	<0.05	6	<0.5	<0.2
1022441	Soil	7	42	1.16	258	0.123	<1	2.87	0.016	0.15	0.1	<0.01	3.3	<0.1	<0.05	7	<0.5	<0.2
1022442	Soil	8	37	0.94	187	0.081	<1	2.31	0.010	0.13	0.1	<0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
1022443	Soil	24	157	2.20	451	0.210	<1	2.51	0.012	0.07	0.5	0.02	9.7	0.1	<0.05	8	0.5	<0.2
1022444	Soil	11	36	0.62	245	0.070	1	2.03	0.011	0.06	0.2	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1022447	Soil	0.7	59.9	4.4	77	<0.1	14.2	20.4	470	4.99	6.0	0.3	5.4	1.7	17	0.2	0.3	<0.1	157	0.26	0.054
1022448	Soil	0.7	50.6	5.8	71	<0.1	19.9	13.2	358	3.18	6.3	0.7	4.5	3.0	22	<0.1	0.3	0.1	80	0.32	0.044
1022449	Soil	0.5	44.4	4.9	62	<0.1	17.6	12.0	379	3.01	4.6	0.6	3.9	2.5	22	<0.1	0.3	<0.1	77	0.38	0.045
1014037	Soil	0.7	29.2	6.8	64	<0.1	20.9	11.2	342	2.75	8.3	1.0	3.0	3.0	28	<0.1	0.4	0.1	63	0.39	0.056
1054053	Soil	1.5	25.9	7.7	132	0.7	26.9	12.9	366	3.05	6.7	0.7	5.0	2.4	16	0.9	0.4	0.1	90	0.18	0.109
1022450	Soil	0.8	30.6	6.6	59	<0.1	22.3	11.6	373	2.94	8.3	0.8	7.0	3.7	24	0.1	0.4	0.1	71	0.30	0.037
1022434	Soil	0.3	18.0	1.7	49	<0.1	4.5	11.1	389	3.06	1.9	0.3	2.2	1.3	34	<0.1	0.1	<0.1	47	0.54	0.072
1014036	Soil	0.8	27.7	5.8	58	<0.1	18.3	10.2	306	2.66	6.5	0.7	3.6	3.2	21	<0.1	0.4	0.1	65	0.30	0.046
1054054	Soil	1.6	51.5	4.8	132	0.4	58.8	17.0	584	3.59	5.0	0.7	2.6	3.1	18	0.4	0.3	<0.1	90	0.35	0.101
1014038	Soil	0.6	27.4	5.8	59	<0.1	17.7	11.3	338	2.94	6.7	0.5	3.9	2.8	22	0.1	0.4	0.1	73	0.27	0.036
1022429	Soil	0.9	24.9	4.3	285	<0.1	11.4	10.6	373	2.72	7.0	0.4	0.9	1.9	10	0.5	0.3	<0.1	42	0.19	0.058
1022430	Soil	0.9	29.9	2.4	187	<0.1	5.7	12.0	727	4.86	2.9	0.3	<0.5	0.9	12	0.2	0.2	<0.1	28	0.17	0.078
1022431	Soil	0.5	20.5	5.1	49	<0.1	12.8	10.3	390	2.89	6.2	1.5	3.5	4.2	23	<0.1	0.3	<0.1	55	0.28	0.032
1022432	Soil	0.5	17.0	5.2	48	<0.1	12.9	8.0	290	2.36	6.8	1.0	6.6	3.2	22	<0.1	0.3	<0.1	46	0.25	0.033
1022433	Soil	0.2	5.7	0.8	51	<0.1	3.8	9.4	508	3.03	0.8	0.2	4.2	1.0	9	<0.1	<0.1	<0.1	33	0.26	0.075
1010750	Soil	1.2	11.4	9.4	49	0.1	13.5	7.4	359	2.53	6.9	0.4	3.6	2.9	12	0.2	0.4	0.2	67	0.13	0.042
1054057	Soil	4.2	43.8	8.2	83	1.5	29.9	10.2	237	2.75	10.9	1.1	5.1	2.6	29	0.8	0.8	0.1	75	0.25	0.052
1010745	Soil	0.1	44.1	1.7	51	<0.1	23.6	14.9	260	2.64	1.1	0.3	<0.5	1.3	23	<0.1	<0.1	<0.1	63	0.44	0.081
1010744	Soil	0.3	31.3	2.3	62	<0.1	13.6	17.9	360	3.37	2.3	0.3	1.0	5.5	23	<0.1	0.1	<0.1	81	0.33	0.053
1010742	Soil	0.2	22.2	1.9	64	<0.1	11.0	19.8	423	3.54	1.4	0.4	1.2	6.1	16	<0.1	<0.1	<0.1	88	0.27	0.040
1010743	Soil	0.3	33.7	4.1	97	<0.1	14.0	24.4	528	4.82	1.8	0.8	2.0	10.2	32	<0.1	0.2	0.3	111	0.34	0.043
1010749	Soil	0.8	36.5	6.7	47	<0.1	24.0	9.8	321	2.58	9.0	0.4	2.5	2.7	18	0.1	0.5	0.2	73	0.20	0.024
1010748	Soil	1.0	18.1	7.9	38	0.1	14.1	5.9	195	2.23	7.9	0.3	0.9	2.1	19	<0.1	0.3	0.2	75	0.18	0.021
1010741	Soil	0.3	30.1	2.2	78	<0.1	11.6	21.0	564	4.21	2.3	0.3	<0.5	3.3	13	<0.1	0.1	<0.1	99	0.21	0.035
1010747	Soil	0.8	27.6	7.4	48	<0.1	25.4	10.0	247	2.80	10.8	0.5	0.8	3.2	18	<0.1	0.5	0.1	62	0.16	0.015
1054052	Soil	1.4	33.9	7.3	169	0.3	34.2	14.7	1850	3.00	8.1	0.6	<0.5	2.3	20	1.4	0.5	0.2	89	0.24	0.128
1054055	Soil	1.5	42.3	5.3	97	0.3	42.5	16.3	593	3.18	4.2	0.4	1.0	3.8	19	0.2	0.3	0.1	87	0.34	0.078
1054058	Soil	2.1	25.4	11.8	68	0.6	24.3	9.6	197	2.51	8.1	0.7	2.9	2.6	25	0.7	0.5	0.2	70	0.24	0.077
1054051	Soil	0.9	58.3	7.7	82	<0.1	39.5	11.2	401	3.24	8.7	1.9	3.5	5.0	26	0.2	0.6	0.3	107	0.33	0.039
1010746	Soil	0.8	30.4	7.8	47	<0.1	21.1	10.1	247	2.53	6.9	0.3	3.1	2.2	13	0.1	0.4	0.2	70	0.17	0.023

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1022447	Soil	6	28	1.86	285	0.220	1	3.13	0.021	0.45	0.1	<0.01	4.9	0.1	<0.05	10	<0.5	<0.2
1022448	Soil	12	33	1.08	277	0.111	1	2.13	0.015	0.10	0.1	0.02	5.3	<0.1	<0.05	6	0.5	<0.2
1022449	Soil	9	28	1.03	321	0.114	<1	1.85	0.015	0.15	0.1	0.02	4.5	<0.1	<0.05	6	<0.5	<0.2
1014037	Soil	13	31	0.70	372	0.067	<1	1.73	0.015	0.06	0.2	0.05	4.6	<0.1	<0.05	5	<0.5	<0.2
1054053	Soil	11	52	0.65	302	0.083	<1	1.78	0.008	0.12	0.1	<0.01	2.9	0.1	<0.05	7	0.6	<0.2
1022450	Soil	13	35	0.77	311	0.087	<1	2.01	0.014	0.06	0.2	0.03	4.8	<0.1	<0.05	6	0.6	<0.2
1022434	Soil	6	7	0.58	327	0.149	<1	2.07	0.037	0.25	<0.1	<0.01	3.8	<0.1	<0.05	6	0.6	<0.2
1014036	Soil	11	29	0.68	292	0.088	<1	1.68	0.014	0.06	0.2	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1054054	Soil	10	68	1.19	466	0.124	<1	2.00	0.009	0.85	0.2	<0.01	2.6	0.3	<0.05	6	0.6	<0.2
1014038	Soil	9	33	0.79	210	0.105	<1	1.89	0.013	0.11	0.2	<0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1022429	Soil	8	17	0.50	135	0.077	<1	1.75	0.013	0.10	<0.1	0.02	3.3	<0.1	<0.05	6	<0.5	<0.2
1022430	Soil	2	8	0.69	209	0.204	<1	2.12	0.011	0.74	<0.1	<0.01	3.9	0.2	<0.05	9	<0.5	<0.2
1022431	Soil	27	24	0.58	269	0.095	<1	2.15	0.019	0.14	0.1	0.02	5.4	<0.1	<0.05	6	0.6	<0.2
1022432	Soil	16	24	0.46	228	0.070	<1	1.65	0.015	0.08	0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1022433	Soil	2	5	0.57	294	0.204	<1	1.74	0.016	0.83	<0.1	<0.01	2.5	0.2	<0.05	6	<0.5	<0.2
1010750	Soil	9	26	0.36	212	0.057	<1	1.31	0.008	0.06	0.2	0.02	1.8	<0.1	<0.05	6	<0.5	<0.2
1054057	Soil	10	39	0.53	417	0.076	1	1.62	0.014	0.08	0.2	0.06	2.4	0.1	0.06	5	2.4	<0.2
1010745	Soil	6	39	1.15	447	0.165	<1	1.92	0.015	0.58	<0.1	<0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1010744	Soil	8	33	1.43	433	0.226	<1	2.38	0.019	0.89	<0.1	<0.01	1.6	0.2	<0.05	5	<0.5	<0.2
1010742	Soil	6	30	1.81	475	0.261	<1	2.82	0.023	1.30	<0.1	0.01	2.1	0.3	<0.05	6	<0.5	<0.2
1010743	Soil	19	30	1.81	454	0.222	2	3.01	0.013	0.83	<0.1	<0.01	2.3	0.2	0.14	7	<0.5	<0.2
1010749	Soil	6	45	0.51	206	0.063	2	1.96	0.013	0.04	0.1	<0.01	2.8	<0.1	0.10	5	<0.5	<0.2
1010748	Soil	7	29	0.39	205	0.056	2	1.52	0.009	0.04	0.1	<0.01	2.2	<0.1	0.07	5	<0.5	<0.2
1010741	Soil	4	27	1.93	510	0.309	<1	3.15	0.017	1.23	<0.1	<0.01	1.2	0.3	<0.05	6	<0.5	<0.2
1010747	Soil	9	37	0.55	208	0.063	<1	2.15	0.011	0.04	0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
1054052	Soil	7	49	0.45	482	0.063	2	1.61	0.010	0.10	0.1	0.02	3.1	<0.1	0.07	6	<0.5	<0.2
1054055	Soil	9	58	0.92	310	0.112	3	1.66	0.010	0.62	0.2	<0.01	2.9	0.2	0.06	5	0.7	<0.2
1054058	Soil	11	30	0.44	507	0.071	2	1.41	0.012	0.12	0.1	0.02	2.3	<0.1	0.08	5	0.7	<0.2
1054051	Soil	21	55	0.73	272	0.088	<1	1.94	0.011	0.06	<0.1	0.02	6.2	0.1	<0.05	7	<0.5	<0.2
1010746	Soil	6	41	0.45	252	0.058	<1	1.91	0.010	0.04	0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054065	Soil	1.8	25.8	9.6	102	0.2	33.4	13.4	256	3.47	6.3	1.3	3.4	6.9	23	0.4	0.3	0.2	63	0.25	0.043
1054061	Soil	1.0	23.2	7.3	88	0.4	32.6	16.2	349	3.01	6.7	0.8	2.1	5.4	23	0.2	0.4	0.2	76	0.24	0.033
1010736	Soil	0.4	37.4	2.7	72	<0.1	13.7	22.4	541	4.08	3.4	0.3	2.0	5.1	14	<0.1	0.2	<0.1	101	0.22	0.028
1054066	Soil	1.6	26.2	10.1	110	0.1	34.1	15.4	394	3.22	4.6	1.2	1.4	6.6	18	0.6	0.3	0.2	57	0.19	0.055
1054056	Soil	1.4	18.7	6.2	51	0.4	20.7	8.5	372	2.25	8.0	0.6	2.1	3.2	24	0.1	0.5	0.1	62	0.30	0.032
1054059	Soil	2.2	29.1	7.9	51	0.5	20.1	7.8	202	2.61	110.0	0.7	3.2	2.3	30	0.8	1.0	0.2	66	0.20	0.054
1054062	Soil	1.0	27.5	7.2	61	0.2	28.9	15.6	509	2.76	7.2	0.8	3.7	4.7	23	0.1	0.4	0.2	63	0.26	0.035
1054064	Soil	1.2	20.6	7.1	72	0.2	20.9	13.4	337	3.15	4.0	0.5	3.3	3.5	28	0.2	0.3	0.2	72	0.33	0.062
1010740	Soil	0.3	39.2	2.3	84	<0.1	14.9	25.8	575	4.60	2.4	0.3	0.8	4.2	23	<0.1	<0.1	<0.1	112	0.37	0.047
1054060	Soil	1.0	19.2	9.3	70	0.1	25.7	12.7	467	3.01	9.7	1.0	5.9	7.8	24	0.3	0.4	0.2	57	0.33	0.051
1010738	Soil	0.9	18.4	7.9	85	<0.1	18.1	14.2	683	3.47	8.2	0.3	<0.5	2.6	19	0.1	0.4	0.1	90	0.23	0.037
1010737	Soil	0.4	34.9	3.0	85	<0.1	13.4	23.5	685	4.61	3.0	0.3	<0.5	6.1	17	<0.1	0.1	0.1	118	0.20	0.024
1010735	Soil	0.2	39.5	2.2	72	<0.1	11.2	21.8	553	4.01	2.0	0.4	1.9	5.3	13	<0.1	0.1	<0.1	101	0.24	0.036
1010734	Soil	0.4	23.3	4.2	97	<0.1	17.0	26.9	708	5.07	3.3	0.6	1.5	5.8	46	<0.1	0.2	<0.1	119	0.45	0.032
1010739	Soil	0.3	42.9	2.7	88	<0.1	14.3	25.6	590	4.82	3.0	0.3	<0.5	3.9	24	<0.1	<0.1	<0.1	124	0.36	0.048
1010048	Soil	1.5	23.8	7.2	52	0.1	20.0	12.9	332	3.61	7.6	0.4	2.8	2.5	22	0.1	0.4	0.1	95	0.46	0.031
1015298	Soil	0.7	35.0	7.4	63	<0.1	28.1	13.7	533	3.36	7.2	0.7	4.6	5.3	31	<0.1	0.5	0.1	89	0.49	0.049
1015295	Soil	0.8	42.5	8.3	70	0.3	36.8	16.4	649	3.49	8.5	0.6	7.9	6.8	56	0.2	0.5	0.1	80	2.26	0.042
1015294	Soil	0.6	37.6	6.5	79	<0.1	37.1	20.9	638	4.19	4.8	0.6	5.2	8.3	23	<0.1	0.2	<0.1	88	0.49	0.059
1010042	Soil	0.7	27.4	6.1	84	<0.1	27.5	16.9	627	4.05	3.3	1.4	1.1	6.4	57	<0.1	0.2	<0.1	80	0.75	0.071
1054063	Soil	1.0	29.4	7.3	97	0.2	28.6	16.4	527	2.86	4.9	0.6	2.8	4.5	36	0.7	0.3	0.2	62	0.46	0.047
1015278	Soil	0.6	40.0	14.6	87	<0.1	31.6	17.7	846	3.95	2.7	1.0	28.9	7.2	26	0.1	0.3	0.1	70	0.61	0.077
1015299	Soil	0.6	33.0	7.2	62	<0.1	31.2	14.2	501	3.41	7.0	0.6	2.7	5.9	29	<0.1	0.4	0.1	76	0.57	0.035
1010046	Soil	0.4	51.7	3.8	37	<0.1	17.9	16.2	273	2.74	5.4	0.2	0.8	1.3	44	<0.1	0.1	<0.1	76	0.38	0.030
1010091	Soil	0.8	32.1	3.5	59	<0.1	16.2	15.9	555	5.09	5.9	0.5	<0.5	3.5	20	<0.1	0.4	<0.1	165	0.47	0.038
1022893	Soil	0.3	16.2	5.2	95	<0.1	7.5	8.7	785	3.10	2.0	0.5	2.6	2.0	23	0.1	0.4	0.1	41	0.59	0.097
1015291	Soil	0.6	39.3	3.7	219	<0.1	10.8	9.4	787	5.48	3.4	0.5	1.4	1.9	20	0.2	0.4	0.1	62	0.43	0.116
1015290	Soil	0.5	17.9	2.3	115	<0.1	4.9	7.6	799	5.11	1.7	0.3	0.8	2.1	17	<0.1	0.2	<0.1	58	0.47	0.157
1015276	Soil	0.7	21.8	6.1	117	<0.1	14.1	15.8	880	4.17	4.1	0.4	<0.5	1.4	28	0.1	0.4	<0.1	94	0.51	0.044
1015279	Soil	0.5	32.7	5.0	65	0.1	22.3	13.0	718	3.50	6.5	0.5	5.9	3.1	29	<0.1	0.5	<0.1	74	0.85	0.075

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054065	Soil	17	35	0.65	236	0.159	1	1.72	0.014	0.52	<0.1	0.01	2.5	0.3	0.06	6	<0.5	<0.2
1054061	Soil	16	39	0.53	332	0.070	2	1.71	0.009	0.15	0.1	<0.01	3.6	0.1	<0.05	5	<0.5	<0.2
1010736	Soil	7	26	1.86	413	0.313	<1	3.03	0.015	1.07	<0.1	<0.01	1.5	0.3	<0.05	6	0.6	<0.2
1054066	Soil	18	34	0.62	238	0.155	2	1.67	0.011	0.59	0.1	0.01	2.9	0.3	0.07	6	<0.5	<0.2
1054056	Soil	10	30	0.42	429	0.072	<1	1.21	0.015	0.18	0.1	0.02	2.4	<0.1	0.06	4	<0.5	<0.2
1054059	Soil	10	28	0.40	383	0.046	<1	1.49	0.010	0.09	0.1	0.03	2.5	0.1	0.08	4	1.3	<0.2
1054062	Soil	12	34	0.64	239	0.099	1	1.55	0.011	0.36	0.1	0.02	3.5	0.2	0.06	4	<0.5	<0.2
1054064	Soil	11	37	0.55	370	0.097	2	1.59	0.013	0.55	0.1	0.02	3.2	0.1	0.09	5	<0.5	<0.2
1010740	Soil	6	32	2.18	399	0.359	<1	3.41	0.017	0.84	<0.1	<0.01	1.4	0.2	<0.05	7	<0.5	<0.2
1054060	Soil	19	35	0.57	305	0.139	1	1.62	0.015	0.51	0.1	<0.01	4.1	0.3	0.08	5	<0.5	<0.2
1010738	Soil	6	31	0.91	282	0.105	1	2.28	0.012	0.09	0.1	0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1010737	Soil	12	26	2.28	522	0.348	<1	3.46	0.012	1.30	<0.1	<0.01	1.4	0.4	<0.05	7	<0.5	<0.2
1010735	Soil	9	27	1.95	482	0.311	<1	3.10	0.017	1.19	<0.1	<0.01	1.5	0.3	<0.05	6	0.6	<0.2
1010734	Soil	11	31	2.13	321	0.282	1	3.62	0.013	0.36	<0.1	<0.01	2.7	0.1	0.10	8	<0.5	<0.2
1010739	Soil	5	33	2.27	456	0.371	<1	3.81	0.021	1.09	<0.1	<0.01	1.7	0.3	0.10	7	<0.5	<0.2
1010048	Soil	7	39	0.83	174	0.074	<1	2.28	0.016	0.09	<0.1	0.02	3.9	<0.1	0.09	7	<0.5	<0.2
1015298	Soil	16	48	0.97	302	0.082	<1	2.22	0.023	0.08	0.1	0.02	7.8	<0.1	0.08	6	<0.5	<0.2
1015295	Soil	23	62	1.17	258	0.063	<1	2.18	0.024	0.11	0.1	0.03	6.0	<0.1	0.17	6	<0.5	<0.2
1015294	Soil	17	83	1.72	259	0.077	<1	2.70	0.012	0.12	<0.1	<0.01	6.6	<0.1	0.08	7	<0.5	<0.2
1010042	Soil	16	61	1.58	406	0.057	<1	2.64	0.010	0.20	0.1	<0.01	6.0	<0.1	0.10	7	<0.5	<0.2
1054063	Soil	14	34	0.51	436	0.083	2	1.56	0.014	0.34	0.1	0.01	3.4	0.1	0.10	5	<0.5	<0.2
1015278	Soil	21	76	1.53	379	0.021	<1	2.68	0.007	0.18	0.1	0.02	6.6	0.1	0.08	8	<0.5	<0.2
1015299	Soil	16	59	1.04	341	0.089	<1	2.27	0.019	0.15	<0.1	0.02	5.6	<0.1	0.07	6	<0.5	<0.2
1010046	Soil	2	26	0.99	137	0.046	<1	1.99	0.021	0.08	<0.1	<0.01	4.3	<0.1	0.06	5	<0.5	<0.2
1010091	Soil	7	30	1.44	345	0.104	<1	2.94	0.019	0.36	0.1	0.01	10.9	0.1	0.07	9	<0.5	<0.2
1022893	Soil	15	10	0.80	306	0.003	1	1.91	0.010	0.11	0.3	0.03	5.0	<0.1	<0.05	7	<0.5	<0.2
1015291	Soil	9	13	1.09	454	0.041	<1	2.64	0.012	0.24	<0.1	<0.01	9.1	<0.1	<0.05	11	<0.5	<0.2
1015290	Soil	7	8	1.37	381	0.107	<1	2.40	0.014	0.34	0.1	0.01	6.7	<0.1	<0.05	12	<0.5	<0.2
1015276	Soil	5	29	1.06	405	0.057	<1	2.33	0.015	0.13	<0.1	0.02	6.5	<0.1	<0.05	8	<0.5	<0.2
1015279	Soil	13	35	1.12	344	0.052	<1	1.97	0.023	0.08	0.2	0.04	6.7	<0.1	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015287	Soil	0.5	37.4	7.8	228	<0.1	17.4	12.4	507	3.21	6.1	0.5	5.4	2.6	26	0.2	0.3	<0.1	74	0.43	0.057
1015283	Soil	0.6	19.6	4.9	61	0.2	11.9	8.4	652	2.73	3.6	0.8	<0.5	1.3	46	0.1	0.4	0.1	47	1.62	0.050
1053101	Soil	0.9	32.0	6.2	55	<0.1	14.6	15.1	540	3.86	8.2	0.7	5.5	3.7	23	<0.1	0.5	<0.1	90	0.43	0.043
1015293	Soil	0.6	28.9	3.6	50	<0.1	15.9	14.4	406	2.95	3.6	0.3	<0.5	1.4	29	<0.1	0.2	<0.1	63	0.53	0.080
1010044	Soil	0.5	19.2	6.4	92	<0.1	9.3	7.0	619	2.30	3.7	0.5	4.4	2.2	21	0.1	0.4	<0.1	31	0.70	0.078
1015282	Soil	0.7	42.3	4.7	91	<0.1	15.2	10.1	581	3.87	5.7	1.1	3.7	2.2	22	<0.1	0.3	<0.1	53	0.41	0.044
1015286	Soil	0.4	11.2	4.3	97	<0.1	9.6	10.8	650	3.64	3.3	0.4	<0.5	1.2	36	<0.1	0.2	<0.1	57	0.64	0.164
1010043	Soil	0.4	22.0	5.9	74	<0.1	18.5	12.7	760	3.41	2.4	0.8	4.3	3.4	28	<0.1	0.3	<0.1	58	0.70	0.082
1015277	Soil	0.7	27.4	5.6	83	<0.1	15.6	12.1	621	3.40	4.7	0.5	0.7	3.0	28	<0.1	0.5	<0.1	62	0.56	0.057
1010045	Soil	0.7	26.6	8.0	74	<0.1	17.4	11.3	456	3.15	5.7	0.5	2.9	3.6	29	0.1	0.4	<0.1	66	0.61	0.059
1010047	Soil	0.5	49.9	5.8	60	<0.1	27.2	14.0	418	3.21	6.5	0.5	5.0	3.1	29	<0.1	0.3	<0.1	72	0.59	0.045
1015297	Soil	0.7	31.3	8.4	88	<0.1	18.9	17.5	676	4.11	2.1	0.5	2.9	7.0	22	<0.1	0.1	<0.1	73	0.50	0.061
1015300	Soil	0.2	15.6	5.3	70	<0.1	19.0	11.2	706	3.08	1.7	0.6	3.0	4.8	30	<0.1	0.1	<0.1	40	1.19	0.079
1015285	Soil	0.4	9.7	5.8	88	<0.1	10.0	7.8	534	2.44	3.6	0.3	<0.5	1.4	31	<0.1	0.2	<0.1	45	0.43	0.057
1015284	Soil	0.4	14.6	6.4	111	<0.1	6.6	7.8	423	2.61	2.2	0.2	<0.5	0.9	37	<0.1	<0.1	<0.1	45	0.43	0.101
1020787	Soil	1.3	27.4	7.0	62	<0.1	24.5	13.0	582	3.27	6.4	0.8	0.5	4.9	19	<0.1	0.3	<0.1	52	0.40	0.032
1020788	Soil	0.6	24.6	4.8	57	<0.1	18.5	12.4	407	3.28	4.6	0.4	<0.5	3.2	18	<0.1	0.3	<0.1	59	0.35	0.035
1020789	Soil	0.6	81.2	5.7	70	<0.1	17.7	13.5	571	4.08	4.5	0.7	0.6	5.2	18	<0.1	0.3	<0.1	54	0.34	0.053
1020790	Soil	0.4	16.2	4.8	43	<0.1	25.5	10.5	190	2.41	6.0	0.2	<0.5	2.4	20	<0.1	0.3	<0.1	58	0.28	0.034
1015292	Soil	0.5	31.6	5.8	76	<0.1	15.9	10.4	513	3.31	4.3	0.6	4.0	3.0	31	<0.1	0.3	<0.1	63	0.67	0.071
1015296	Soil	0.5	34.1	7.4	63	0.2	31.8	13.6	625	3.08	6.7	0.5	5.8	6.5	46	0.2	0.3	<0.1	63	1.64	0.043
1020792	Soil	0.3	73.2	3.3	57	<0.1	31.9	14.4	344	3.02	4.3	0.2	<0.5	1.9	25	<0.1	0.1	<0.1	80	0.64	0.098
1015288	Soil	0.5	16.5	4.4	54	<0.1	15.1	9.3	562	2.49	3.4	0.6	2.1	3.6	34	<0.1	0.2	<0.1	43	1.01	0.052
1020783	Soil	6.5	116.9	10.8	244	0.4	78.4	11.6	507	4.44	22.6	3.2	1.8	6.8	52	0.8	0.3	<0.1	229	0.61	0.208
1020785	Soil	0.7	43.3	7.6	97	0.1	24.6	14.0	510	3.32	8.5	0.5	2.3	4.0	49	<0.1	0.3	<0.1	74	1.05	0.051
1015280	Soil	0.7	36.2	3.5	83	<0.1	21.5	22.2	864	4.98	5.3	0.5	<0.5	1.1	36	<0.1	0.3	<0.1	114	0.80	0.065
1015289	Soil	0.2	27.3	2.6	106	<0.1	17.9	13.8	760	4.80	2.0	0.5	<0.5	4.7	38	<0.1	0.3	<0.1	95	0.84	0.181
1010049	Soil	1.8	32.0	5.2	46	0.1	7.4	8.1	521	2.89	2.3	0.7	1.5	4.3	13	0.1	0.2	<0.1	31	0.26	0.045
1010041	Soil	0.7	36.1	6.4	63	<0.1	27.2	12.1	539	3.37	2.3	1.1	6.2	6.6	41	<0.1	0.2	<0.1	53	0.58	0.056
1015281	Soil	0.7	24.3	6.0	105	0.1	18.8	12.4	933	3.92	4.2	1.0	1.6	3.0	34	0.1	0.2	<0.1	69	0.67	0.059

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015287	Soil	16	27	0.88	330	0.068	<1	1.74	0.018	0.07	0.1	0.03	5.9	<0.1	<0.05	6	<0.5	<0.2
1015283	Soil	10	19	0.59	670	0.012	<1	1.87	0.014	0.10	0.1	0.04	4.2	<0.1	<0.05	5	<0.5	<0.2
1053101	Soil	19	24	0.99	358	0.079	1	2.06	0.019	0.16	0.2	0.02	10.4	0.1	<0.05	8	0.8	<0.2
1015293	Soil	4	28	1.04	187	0.107	<1	1.85	0.023	0.19	<0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1010044	Soil	15	15	0.54	332	0.006	<1	1.48	0.008	0.14	0.2	0.04	4.2	<0.1	<0.05	4	<0.5	<0.2
1015282	Soil	14	15	0.94	316	0.053	<1	1.94	0.013	0.12	<0.1	0.04	6.6	<0.1	<0.05	8	<0.5	<0.2
1015286	Soil	4	15	1.02	278	0.056	<1	2.15	0.016	0.11	0.1	<0.01	5.7	<0.1	<0.05	9	<0.5	<0.2
1010043	Soil	15	44	1.09	393	0.014	<1	2.20	0.010	0.16	0.2	0.03	6.7	<0.1	<0.05	7	<0.5	<0.2
1015277	Soil	10	25	0.82	288	0.042	<1	1.80	0.016	0.09	0.1	0.02	5.4	<0.1	<0.05	6	<0.5	<0.2
1010045	Soil	11	29	0.85	237	0.061	<1	1.85	0.020	0.06	0.1	0.03	5.7	<0.1	<0.05	6	<0.5	<0.2
1010047	Soil	11	38	0.91	234	0.090	<1	2.19	0.031	0.06	<0.1	0.04	7.1	<0.1	<0.05	6	<0.5	<0.2
1015297	Soil	23	42	1.52	369	0.082	<1	2.67	0.011	0.35	0.1	0.01	5.8	0.1	<0.05	8	<0.5	<0.2
1015300	Soil	20	37	1.06	450	0.027	<1	1.97	0.007	0.24	<0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
1015285	Soil	5	20	0.52	378	0.027	<1	1.64	0.009	0.11	0.1	<0.01	3.6	<0.1	<0.05	6	0.6	<0.2
1015284	Soil	3	12	0.80	205	0.022	<1	1.89	0.010	0.09	<0.1	<0.01	3.2	<0.1	<0.05	6	<0.5	<0.2
1020787	Soil	20	32	0.88	265	0.033	<1	1.92	0.011	0.13	0.1	0.03	6.8	<0.1	<0.05	6	0.8	<0.2
1020788	Soil	8	33	1.01	304	0.081	<1	2.12	0.011	0.18	<0.1	0.01	4.7	<0.1	<0.05	7	<0.5	<0.2
1020789	Soil	16	23	0.89	447	0.074	<1	2.03	0.010	0.28	<0.1	0.03	5.6	<0.1	<0.05	8	<0.5	<0.2
1020790	Soil	7	24	0.87	231	0.107	1	1.67	0.014	0.14	0.1	0.01	2.9	<0.1	<0.05	5	<0.5	<0.2
1015292	Soil	12	27	0.81	333	0.062	<1	2.03	0.019	0.11	0.1	0.03	5.6	<0.1	<0.05	6	<0.5	<0.2
1015296	Soil	22	55	1.09	233	0.056	1	2.07	0.023	0.11	0.1	0.05	5.9	<0.1	<0.05	6	<0.5	<0.2
1020792	Soil	5	42	1.25	272	0.123	<1	2.02	0.033	0.15	<0.1	0.01	5.4	<0.1	<0.05	7	<0.5	<0.2
1015288	Soil	11	31	0.86	244	0.070	<1	1.76	0.011	0.20	0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2
1020783	Soil	28	80	1.16	304	0.063	1	2.34	0.021	0.14	<0.1	0.04	6.1	<0.1	0.09	10	2.0	<0.2
1020785	Soil	14	32	0.94	262	0.115	1	1.83	0.028	0.13	0.1	0.05	5.0	<0.1	<0.05	6	<0.5	<0.2
1015280	Soil	4	44	1.56	248	0.081	<1	2.78	0.022	0.06	0.2	0.03	9.1	<0.1	<0.05	9	<0.5	<0.2
1015289	Soil	14	38	1.74	263	0.185	<1	2.56	0.025	0.25	0.1	<0.01	8.0	<0.1	<0.05	10	<0.5	<0.2
1010049	Soil	15	9	0.26	282	0.007	<1	1.35	0.006	0.16	0.1	0.01	3.7	<0.1	<0.05	3	<0.5	<0.2
1010041	Soil	20	77	1.05	461	0.029	<1	2.76	0.009	0.22	0.1	0.03	6.8	0.1	<0.05	7	<0.5	<0.2
1015281	Soil	14	28	1.13	462	0.024	1	2.25	0.015	0.11	0.1	0.04	6.8	<0.1	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014463	Soil	0.5	41.6	5.4	48	<0.1	28.4	10.8	339	2.71	8.1	0.6	9.3	3.8	27	<0.1	0.5	0.1	63	0.41	0.054
1014466	Soil	0.3	23.3	2.5	50	<0.1	26.0	16.0	469	3.29	2.6	0.5	<0.5	2.6	23	<0.1	0.2	<0.1	74	0.37	0.058
1014467	Soil	0.6	39.9	3.3	45	<0.1	18.1	13.6	511	3.27	3.3	0.7	<0.5	8.5	20	<0.1	0.2	0.2	73	0.36	0.042
1014460	Soil	0.5	58.5	3.5	60	<0.1	32.4	15.8	383	3.17	6.0	0.5	0.9	2.5	32	<0.1	0.3	<0.1	78	0.67	0.137
1014468	Soil	0.8	44.1	3.3	46	<0.1	19.1	14.6	536	3.47	3.7	0.8	<0.5	8.6	21	<0.1	0.2	0.2	78	0.35	0.043
1020794	Soil	0.5	56.6	4.2	56	<0.1	28.2	15.3	337	3.30	3.9	0.4	<0.5	2.4	21	<0.1	0.3	<0.1	82	0.44	0.047
1014462	Soil	0.5	37.6	3.8	54	<0.1	23.1	15.9	390	3.37	4.5	0.5	<0.5	2.3	23	<0.1	0.3	<0.1	79	0.47	0.053
1020784	Soil	1.5	83.7	7.6	145	0.4	42.9	15.0	500	4.09	8.4	1.2	1.8	4.9	39	0.3	0.5	0.1	123	0.61	0.089
1014464	Soil	0.9	50.1	3.3	40	<0.1	21.0	14.6	769	2.97	3.5	0.7	0.9	3.2	77	<0.1	0.5	<0.1	87	5.06	0.062
1014465	Soil	0.5	71.0	2.2	49	<0.1	27.0	18.6	378	3.42	2.9	0.4	<0.5	1.8	32	<0.1	0.2	<0.1	90	0.65	0.063
1020793	Soil	0.4	53.5	3.8	53	<0.1	25.7	14.6	341	3.14	3.5	0.3	0.7	2.1	21	<0.1	0.3	<0.1	82	0.47	0.046
1014458	Soil	0.6	46.7	4.9	53	<0.1	30.5	14.2	341	3.07	8.5	0.6	1.0	3.3	31	<0.1	0.4	<0.1	76	0.55	0.057
1014459	Soil	0.6	40.3	6.0	48	0.2	30.9	11.3	319	2.74	9.5	0.5	1.2	3.9	30	<0.1	0.5	0.1	64	0.50	0.060
1020791	Soil	0.2	50.8	2.6	44	<0.1	30.2	14.2	329	2.33	2.9	0.2	<0.5	1.5	20	<0.1	0.2	<0.1	61	0.47	0.049
1014461	Soil	0.7	37.2	6.0	48	<0.1	25.0	11.9	302	2.82	8.1	0.5	1.1	3.8	29	<0.1	0.5	0.1	67	0.44	0.043
1014456	Soil	0.5	50.4	4.8	52	0.1	27.4	12.1	365	2.53	7.5	0.5	1.8	2.9	67	0.1	0.5	<0.1	62	2.68	0.067
1014457	Soil	0.5	48.8	4.3	60	<0.1	27.7	16.5	473	3.48	5.7	0.5	1.9	2.7	44	<0.1	0.3	0.1	90	0.71	0.057
1055657	Soil	0.4	39.6	4.2	82	<0.1	24.7	18.3	515	3.68	5.1	0.3	<0.5	2.5	45	<0.1	0.2	<0.1	75	0.63	0.057
1055658	Soil	0.3	18.6	3.3	83	<0.1	13.2	24.0	834	4.97	2.9	0.4	<0.5	6.1	54	<0.1	0.1	<0.1	99	0.65	0.079
1055660	Soil	0.8	28.6	3.8	101	<0.1	11.8	23.0	722	5.67	1.4	1.2	<0.5	8.7	27	<0.1	0.1	<0.1	126	0.43	0.064
1020800	Soil	0.4	49.7	3.3	60	<0.1	18.5	16.0	332	3.33	3.8	0.2	<0.5	1.5	19	<0.1	0.2	<0.1	91	0.41	0.057
1014452	Soil	0.4	27.7	2.1	50	<0.1	23.1	17.9	340	3.17	2.7	0.5	1.0	1.7	27	<0.1	0.2	<0.1	99	0.45	0.057
1014453	Soil	0.6	38.3	4.2	61	<0.1	27.1	15.8	473	3.30	3.7	0.5	<0.5	2.4	36	<0.1	0.3	<0.1	80	0.57	0.042
1014454	Soil	0.5	51.5	5.1	52	<0.1	41.1	13.9	332	2.90	9.1	0.5	3.0	3.6	33	<0.1	0.4	<0.1	73	0.60	0.045
1014455	Soil	0.5	38.7	4.4	46	0.1	23.9	10.9	304	2.23	7.2	0.4	2.7	2.1	155	0.1	0.5	<0.1	58	7.32	0.045
1020796	Soil	0.3	53.8	3.7	58	<0.1	25.3	14.6	395	2.98	3.7	0.4	<0.5	2.3	37	<0.1	0.2	<0.1	77	0.73	0.079
1020795	Soil	0.3	45.4	2.4	44	<0.1	20.6	13.9	316	2.60	2.4	0.2	<0.5	1.3	21	<0.1	0.1	<0.1	68	0.52	0.057
1020797	Soil	0.4	21.2	3.4	57	<0.1	30.8	16.1	487	3.01	3.1	0.3	<0.5	1.9	41	<0.1	0.3	<0.1	81	0.71	0.064
1020798	Soil	0.4	49.7	4.6	63	<0.1	26.2	13.3	416	3.39	7.8	0.8	1.1	3.7	33	<0.1	0.4	<0.1	77	0.51	0.048
1020799	Soil	0.4	28.0	5.2	47	<0.1	23.5	9.2	304	2.49	7.4	0.6	7.7	3.9	37	0.1	0.5	<0.1	61	0.53	0.055

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014463	Soil	12	31	0.76	229	0.106	1	1.41	0.019	0.23	0.2	0.06	4.1	<0.1	<0.05	5	<0.5	<0.2
1014466	Soil	8	24	1.59	309	0.180	1	2.30	0.007	0.72	0.1	0.01	2.3	0.2	<0.05	7	<0.5	<0.2
1014467	Soil	13	26	1.23	290	0.151	<1	2.22	0.008	0.95	<0.1	<0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1014460	Soil	10	33	1.32	213	0.150	1	2.00	0.021	0.38	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1014468	Soil	12	27	1.30	289	0.158	<1	2.33	0.008	1.01	<0.1	<0.01	4.5	0.2	<0.05	8	<0.5	<0.2
1020794	Soil	7	42	0.98	296	0.126	1	2.00	0.018	0.32	<0.1	<0.01	5.6	<0.1	<0.05	7	<0.5	<0.2
1014462	Soil	8	28	1.15	310	0.160	<1	2.09	0.019	0.52	<0.1	0.01	4.8	0.1	<0.05	6	<0.5	<0.2
1020784	Soil	17	60	1.07	286	0.105	<1	2.57	0.015	0.16	0.1	0.02	8.9	0.1	<0.05	9	<0.5	<0.2
1014464	Soil	11	29	0.40	556	0.032	2	0.85	0.019	0.10	0.1	0.03	9.8	<0.1	<0.05	3	<0.5	<0.2
1014465	Soil	6	34	1.55	257	0.170	<1	2.24	0.022	0.33	<0.1	<0.01	5.2	<0.1	<0.05	7	<0.5	<0.2
1020793	Soil	7	40	0.91	292	0.123	1	1.87	0.018	0.29	<0.1	0.01	5.2	<0.1	<0.05	7	<0.5	<0.2
1014458	Soil	13	35	1.12	281	0.153	1	2.05	0.021	0.18	0.1	0.02	4.7	<0.1	<0.05	6	<0.5	<0.2
1014459	Soil	14	34	0.73	248	0.112	2	1.60	0.020	0.23	0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1020791	Soil	5	35	1.17	226	0.138	<1	1.81	0.018	0.28	<0.1	0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1014461	Soil	11	35	0.82	236	0.103	<1	1.84	0.016	0.16	0.1	0.02	4.8	<0.1	<0.05	5	<0.5	<0.2
1014456	Soil	11	27	1.01	347	0.133	2	1.48	0.025	0.23	0.2	0.05	3.4	<0.1	<0.05	5	<0.5	<0.2
1014457	Soil	10	35	1.34	318	0.213	1	2.35	0.021	0.38	<0.1	0.03	4.9	0.1	<0.05	7	<0.5	<0.2
1055657	Soil	5	40	1.52	189	0.183	<1	2.78	0.022	0.12	<0.1	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
1055658	Soil	12	28	1.98	307	0.145	<1	3.12	0.012	0.23	0.1	<0.01	7.8	<0.1	<0.05	8	<0.5	<0.2
1055660	Soil	11	29	1.88	319	0.151	<1	3.47	0.010	1.00	<0.1	0.01	3.8	0.1	<0.05	11	<0.5	<0.2
1020800	Soil	3	21	1.31	225	0.236	<1	2.37	0.023	0.59	<0.1	<0.01	2.3	0.1	<0.05	7	<0.5	<0.2
1014452	Soil	8	15	1.29	273	0.184	<1	2.06	0.019	0.67	<0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1014453	Soil	7	44	1.24	388	0.204	1	2.25	0.019	0.41	<0.1	0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1014454	Soil	14	54	1.11	220	0.148	2	1.93	0.021	0.19	0.1	0.03	4.9	0.1	<0.05	5	<0.5	<0.2
1014455	Soil	9	27	1.02	508	0.114	1	1.37	0.027	0.11	0.1	0.05	3.5	<0.1	<0.05	4	<0.5	<0.2
1020796	Soil	8	33	1.11	340	0.169	1	2.11	0.023	0.24	<0.1	<0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1020795	Soil	4	19	0.98	303	0.189	1	1.73	0.022	0.44	<0.1	<0.01	2.3	0.1	<0.05	5	<0.5	<0.2
1020797	Soil	5	41	1.22	328	0.156	1	2.19	0.023	0.25	<0.1	0.01	4.8	<0.1	<0.05	7	<0.5	<0.2
1020798	Soil	13	32	1.01	300	0.197	<1	2.18	0.020	0.25	0.1	0.02	5.4	<0.1	<0.05	7	<0.5	<0.2
1020799	Soil	14	29	0.62	254	0.119	1	1.41	0.020	0.18	0.2	0.02	4.3	<0.1	<0.05	5	<0.5	<0.2

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Client: **Ethos Capital Corp.**
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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055670	Soil	1.7	98.0	3.9	69	0.3	33.8	9.3	344	2.38	10.1	2.1	1.3	3.9	14	0.1	0.3	0.1	106	0.29	0.080
1055668	Soil	5.6	81.7	5.5	91	0.4	20.7	4.7	233	2.30	9.5	2.6	1.8	3.3	27	0.3	0.5	0.1	177	0.27	0.093
1055669	Soil	<0.1	118.7	1.9	51	<0.1	129.2	30.3	300	4.35	18.0	0.2	7.6	1.1	23	<0.1	0.1	0.1	110	0.71	0.146
1055674	Soil	1.3	66.2	2.0	96	0.2	100.4	19.2	580	3.42	1.6	0.8	2.4	7.3	17	0.2	<0.1	<0.1	67	0.56	0.125
1055676	Soil	1.0	96.9	8.0	178	0.1	85.8	13.9	559	3.40	1.3	0.9	2.3	6.1	21	0.3	0.2	0.2	103	0.37	0.109
1055663	Soil	0.3	34.9	1.4	54	<0.1	11.0	15.4	320	3.14	1.0	0.3	<0.5	3.6	18	<0.1	<0.1	<0.1	71	0.52	0.095
1020786	Soil	0.9	64.5	8.8	87	0.1	38.9	15.7	577	4.30	9.7	0.8	6.0	4.7	35	0.2	0.6	0.1	79	0.75	0.063
1055665	Soil	<0.1	111.0	1.8	30	<0.1	22.0	9.5	262	1.70	2.1	0.2	1.4	0.5	39	<0.1	<0.1	<0.1	47	0.84	0.060
1055667	Soil	2.0	121.7	6.7	595	0.2	246.1	16.5	648	4.66	5.5	2.5	4.3	5.5	18	0.7	0.2	<0.1	91	0.26	0.064
1055671	Soil	2.7	76.9	9.2	149	0.2	55.3	11.5	420	3.86	4.7	1.8	0.6	4.5	11	0.3	0.3	0.2	118	0.21	0.094
1055659	Soil	0.3	28.3	3.2	68	<0.1	12.4	19.4	394	3.99	3.5	0.2	<0.5	3.4	20	<0.1	0.1	<0.1	82	0.40	0.045
1055661	Soil	0.2	2.8	1.9	41	<0.1	10.2	12.9	280	3.25	1.9	0.6	<0.5	9.2	14	<0.1	<0.1	<0.1	94	0.41	0.093
1055662	Soil	0.3	37.5	2.6	97	<0.1	11.0	24.1	646	5.00	1.7	0.7	<0.5	4.7	43	<0.1	<0.1	<0.1	99	0.60	0.109
1055664	Soil	<0.1	128.9	1.3	24	<0.1	32.2	11.7	278	1.74	1.5	0.2	1.1	0.2	46	<0.1	<0.1	<0.1	46	0.72	0.053
1055666	Soil	7.3	129.3	13.3	342	0.2	95.1	13.0	229	5.97	102.4	3.1	6.7	4.8	28	1.5	1.2	0.2	96	0.35	0.121
1055677	Soil	0.8	57.9	5.5	90	<0.1	62.8	14.1	269	3.73	3.3	2.0	1.5	8.2	13	<0.1	0.1	0.1	87	0.30	0.096
1055678	Soil	1.6	77.0	6.2	110	0.2	68.6	21.5	367	4.39	3.8	1.2	2.7	3.0	29	0.4	0.3	0.1	106	0.41	0.087
1055680	Soil	4.7	110.9	17.1	59	3.0	17.4	2.9	93	3.15	2.6	4.4	31.6	8.2	42	0.4	0.7	0.2	55	0.08	0.079
1055675	Soil	1.4	58.7	7.7	64	<0.1	19.3	9.3	392	2.11	3.3	1.0	<0.5	4.4	9	<0.1	0.2	0.2	70	0.16	0.064
1055679	Soil	2.9	57.8	14.4	60	0.3	19.9	2.7	30	2.79	6.7	2.0	4.6	13.5	27	0.3	0.5	0.3	39	0.08	0.071
1055673	Soil	3.3	63.1	2.1	298	0.1	143.7	19.9	694	5.50	3.2	1.0	2.3	3.7	16	0.5	0.2	<0.1	108	0.39	0.129
1055672	Soil	1.4	44.7	9.3	110	0.2	45.7	7.1	177	2.78	6.5	2.0	<0.5	6.2	9	0.1	0.2	0.1	105	0.17	0.092

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Project: PED
Report Date: August 06, 2011

CERTIFICATE OF ANALYSIS WHI11000604.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055670	Soil	14	47	0.75	191	0.128	<1	1.59	0.006	0.31	0.1	0.01	4.7	0.1	<0.05	6	0.7	<0.2
1055668	Soil	13	119	1.21	864	0.126	<1	2.08	0.006	0.39	0.2	<0.01	2.7	0.3	<0.05	7	1.3	<0.2
1055669	Soil	7	191	3.49	1134	0.328	<1	3.39	0.025	1.78	<0.1	0.01	2.6	0.2	<0.05	10	<0.5	<0.2
1055674	Soil	29	91	1.33	187	0.136	<1	1.85	0.006	0.89	0.2	0.01	1.9	0.6	<0.05	5	0.6	<0.2
1055676	Soil	24	87	1.36	4010	0.050	<1	2.14	0.007	0.22	<0.1	0.02	5.4	0.1	<0.05	8	<0.5	<0.2
1055663	Soil	13	25	1.42	490	0.212	<1	2.12	0.030	0.74	<0.1	<0.01	2.1	0.2	<0.05	5	<0.5	<0.2
1020786	Soil	18	35	1.27	285	0.116	2	2.30	0.020	0.13	<0.1	0.07	5.7	<0.1	<0.05	8	<0.5	<0.2
1055665	Soil	2	69	0.68	95	0.065	1	1.46	0.050	0.05	<0.1	<0.01	5.6	<0.1	<0.05	4	<0.5	<0.2
1055667	Soil	20	68	1.03	172	0.063	<1	1.85	0.004	0.05	<0.1	0.02	4.6	<0.1	<0.05	7	0.5	<0.2
1055671	Soil	18	72	0.83	252	0.059	<1	1.82	0.004	0.15	<0.1	<0.01	3.3	<0.1	<0.05	7	1.5	<0.2
1055659	Soil	4	25	1.70	385	0.251	1	2.70	0.021	0.83	0.1	<0.01	1.6	0.2	<0.05	6	<0.5	<0.2
1055661	Soil	18	33	2.65	307	0.149	<1	2.65	0.014	0.66	<0.1	<0.01	3.0	0.2	<0.05	9	<0.5	<0.2
1055662	Soil	8	28	2.21	666	0.312	<1	3.06	0.020	1.41	<0.1	<0.01	1.1	0.3	<0.05	6	<0.5	<0.2
1055664	Soil	<1	86	1.02	110	0.071	1	1.36	0.035	0.03	<0.1	<0.01	5.8	<0.1	<0.05	3	<0.5	<0.2
1055666	Soil	11	33	0.36	208	0.005	<1	1.29	0.004	0.12	0.3	0.01	3.9	<0.1	<0.05	3	2.1	0.3
1055677	Soil	35	59	1.01	442	0.163	<1	2.04	0.006	0.76	<0.1	<0.01	4.8	0.4	<0.05	6	0.5	<0.2
1055678	Soil	16	86	1.41	559	0.174	1	2.56	0.011	0.50	0.1	<0.01	4.9	0.2	<0.05	8	0.6	<0.2
1055680	Soil	33	26	0.31	492	0.086	<1	1.21	0.024	0.23	<0.1	0.07	2.6	0.8	0.36	5	11.0	0.4
1055675	Soil	7	31	1.02	381	0.126	<1	1.77	0.005	0.53	0.1	<0.01	2.6	0.2	<0.05	6	<0.5	0.2
1055679	Soil	38	23	0.24	880	0.012	<1	1.33	0.003	0.23	<0.1	<0.01	2.1	0.2	0.06	4	3.0	<0.2
1055673	Soil	12	98	1.38	543	0.140	<1	2.21	0.007	0.99	0.2	<0.01	0.9	0.5	<0.05	5	1.2	<0.2
1055672	Soil	18	64	0.81	421	0.119	<1	1.80	0.005	0.61	0.6	0.01	2.9	0.4	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000604.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1010189	Soil	0.5	36.9	5.2	78	<0.1	19.0	17.2	681	3.96	5.2	0.5	<0.5	5.3	47	<0.1	0.2	0.1	96	0.57	0.036
REP 1010189	QC	0.5	37.9	4.7	76	<0.1	19.1	17.6	686	3.94	5.7	0.6	<0.5	5.2	48	<0.1	0.2	0.2	94	0.59	0.039
1062554	Soil	0.8	20.5	8.4	64	<0.1	19.7	12.2	428	3.22	6.4	0.8	2.7	4.1	24	<0.1	0.3	0.1	73	0.27	0.036
REP 1062554	QC	0.9	21.1	8.2	65	<0.1	19.6	12.8	438	3.29	6.8	0.8	2.2	4.3	24	<0.1	0.3	0.1	76	0.28	0.036
1062560	Soil	0.8	66.5	6.7	69	<0.1	21.5	16.2	491	3.87	8.4	0.5	4.3	3.6	35	<0.1	0.4	0.1	84	0.23	0.037
REP 1062560	QC	0.9	64.0	6.6	70	<0.1	21.1	16.1	499	3.91	8.1	0.5	4.3	3.7	34	<0.1	0.4	0.1	84	0.23	0.038
1062579	Soil	0.7	16.1	8.4	81	<0.1	13.4	14.3	611	3.99	4.0	0.6	<0.5	3.9	26	<0.1	0.2	<0.1	96	0.36	0.039
REP 1062579	QC	0.6	16.5	8.5	81	<0.1	13.6	14.4	623	4.17	3.7	0.5	<0.5	4.0	26	<0.1	0.2	<0.1	96	0.35	0.038
1062570	Soil	0.6	20.4	8.0	205	<0.1	11.8	12.0	670	4.13	4.1	0.4	1.5	2.0	29	0.2	0.2	0.1	60	0.31	0.088
REP 1062570	QC	0.5	20.0	7.7	201	<0.1	11.2	11.6	667	4.07	4.0	0.4	1.6	2.0	27	0.2	0.3	0.1	58	0.31	0.085
1010697	Soil	0.8	36.5	8.3	67	<0.1	25.9	13.3	447	3.60	9.3	1.1	3.2	5.9	34	<0.1	0.5	0.1	82	0.38	0.023
REP 1010697	QC	0.8	36.3	8.7	69	<0.1	26.3	13.4	458	3.63	9.1	1.2	3.1	6.2	34	0.1	0.5	0.1	84	0.39	0.024
1022426	Soil	0.6	14.8	2.7	55	<0.1	9.2	11.6	172	2.19	3.1	0.4	2.2	1.8	17	0.1	0.2	<0.1	32	0.24	0.093
REP 1022426	QC	0.6	15.1	2.6	58	<0.1	9.2	12.4	180	2.28	3.7	0.4	2.3	1.8	17	<0.1	0.2	<0.1	32	0.25	0.088
1010750	Soil	1.2	11.4	9.4	49	0.1	13.5	7.4	359	2.53	6.9	0.4	3.6	2.9	12	0.2	0.4	0.2	67	0.13	0.042
REP 1010750	QC	1.1	10.6	9.0	48	0.1	13.0	7.3	363	2.47	6.9	0.3	1.2	2.7	11	0.2	0.4	0.2	66	0.12	0.040
1010748	Soil	1.0	18.1	7.9	38	0.1	14.1	5.9	195	2.23	7.9	0.3	0.9	2.1	19	<0.1	0.3	0.2	75	0.18	0.021
REP 1010748	QC	1.0	18.1	8.4	38	0.2	14.8	5.4	219	2.24	7.2	0.4	<0.5	1.9	19	<0.1	0.3	0.2	60	0.21	0.020
1010735	Soil	0.2	39.5	2.2	72	<0.1	11.2	21.8	553	4.01	2.0	0.4	1.9	5.3	13	<0.1	0.1	<0.1	101	0.24	0.036
REP 1010735	QC	0.2	40.4	2.3	74	<0.1	11.8	22.1	553	4.02	2.8	0.4	0.5	5.1	14	<0.1	<0.1	<0.1	104	0.26	0.037
1015291	Soil	0.6	39.3	3.7	219	<0.1	10.8	9.4	787	5.48	3.4	0.5	1.4	1.9	20	0.2	0.4	0.1	62	0.43	0.116
REP 1015291	QC	0.5	39.3	3.1	215	<0.1	9.9	9.1	769	5.30	3.3	0.5	1.6	1.8	18	0.2	0.3	0.1	63	0.44	0.122
1015300	Soil	0.2	15.6	5.3	70	<0.1	19.0	11.2	706	3.08	1.7	0.6	3.0	4.8	30	<0.1	0.1	<0.1	40	1.19	0.079
REP 1015300	QC	0.3	16.1	5.3	69	<0.1	19.2	11.7	709	3.10	2.1	0.5	101.1	5.1	30	<0.1	0.2	<0.1	41	1.21	0.081
1014459	Soil	0.6	40.3	6.0	48	0.2	30.9	11.3	319	2.74	9.5	0.5	1.2	3.9	30	<0.1	0.5	0.1	64	0.50	0.060
REP 1014459	QC	0.5	39.8	5.9	46	0.2	30.9	11.1	312	2.65	8.8	0.5	2.0	3.8	29	0.1	0.5	0.1	61	0.48	0.057
1055657	Soil	0.4	39.6	4.2	82	<0.1	24.7	18.3	515	3.68	5.1	0.3	<0.5	2.5	45	<0.1	0.2	<0.1	75	0.63	0.057
REP 1055657	QC	0.5	40.2	4.4	86	<0.1	24.7	18.8	534	3.81	5.5	0.3	0.9	2.6	47	<0.1	0.3	<0.1	77	0.67	0.059

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000604.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1010189	Soil	10	48	1.46	248	0.186	<1	2.83	0.018	0.17	0.3	0.02	5.8	<0.1	<0.05	8	<0.5	<0.2
REP 1010189	QC	10	46	1.46	252	0.187	2	2.76	0.017	0.17	0.3	0.02	5.9	0.1	<0.05	8	<0.5	<0.2
1062554	Soil	13	36	0.74	196	0.127	<1	2.30	0.012	0.10	<0.1	0.03	3.9	0.1	<0.05	7	<0.5	<0.2
REP 1062554	QC	14	36	0.75	199	0.133	3	2.31	0.012	0.10	0.1	0.02	4.2	0.1	<0.05	7	<0.5	<0.2
1062560	Soil	9	42	1.20	254	0.179	1	2.74	0.010	0.27	0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2
REP 1062560	QC	7	41	1.29	256	0.178	1	2.84	0.010	0.29	0.1	0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1062579	Soil	11	29	1.37	189	0.233	<1	2.62	0.012	0.46	<0.1	<0.01	3.5	0.2	<0.05	9	<0.5	<0.2
REP 1062579	QC	11	29	1.39	194	0.226	<1	2.60	0.012	0.45	<0.1	<0.01	3.3	0.2	<0.05	9	<0.5	<0.2
1062570	Soil	11	23	1.19	283	0.117	2	2.61	0.016	0.26	<0.1	<0.01	7.2	0.2	<0.05	10	<0.5	<0.2
REP 1062570	QC	10	22	1.16	273	0.115	1	2.53	0.015	0.26	<0.1	0.01	7.0	0.1	<0.05	10	<0.5	<0.2
1010697	Soil	22	42	1.04	285	0.127	<1	2.67	0.017	0.07	0.1	0.04	7.0	<0.1	<0.05	8	<0.5	<0.2
REP 1010697	QC	22	44	1.07	287	0.125	1	2.76	0.017	0.06	<0.1	0.04	7.2	<0.1	<0.05	8	0.5	<0.2
1022426	Soil	6	10	0.51	139	0.061	<1	1.82	0.017	0.10	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
REP 1022426	QC	7	11	0.53	147	0.068	<1	1.93	0.018	0.11	<0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1010750	Soil	9	26	0.36	212	0.057	<1	1.31	0.008	0.06	0.2	0.02	1.8	<0.1	<0.05	6	<0.5	<0.2
REP 1010750	QC	9	25	0.35	207	0.057	<1	1.21	0.007	0.05	0.2	<0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
1010748	Soil	7	29	0.39	205	0.056	2	1.52	0.009	0.04	0.1	<0.01	2.2	<0.1	0.07	5	<0.5	<0.2
REP 1010748	QC	7	29	0.45	197	0.057	<1	1.60	0.010	0.04	0.2	0.03	2.2	<0.1	<0.05	6	<0.5	<0.2
1010735	Soil	9	27	1.95	482	0.311	<1	3.10	0.017	1.19	<0.1	<0.01	1.5	0.3	<0.05	6	0.6	<0.2
REP 1010735	QC	9	29	2.02	482	0.320	<1	3.13	0.018	1.23	<0.1	<0.01	1.6	0.3	0.06	6	<0.5	<0.2
1015291	Soil	9	13	1.09	454	0.041	<1	2.64	0.012	0.24	<0.1	<0.01	9.1	<0.1	<0.05	11	<0.5	<0.2
REP 1015291	QC	9	12	1.06	439	0.036	<1	2.49	0.011	0.24	<0.1	0.01	8.9	<0.1	<0.05	10	<0.5	<0.2
1015300	Soil	20	37	1.06	450	0.027	<1	1.97	0.007	0.24	<0.1	0.02	4.2	0.1	<0.05	6	<0.5	<0.2
REP 1015300	QC	20	37	1.10	450	0.030	<1	2.09	0.009	0.25	0.1	0.02	4.0	<0.1	<0.05	7	<0.5	<0.2
1014459	Soil	14	34	0.73	248	0.112	2	1.60	0.020	0.23	0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
REP 1014459	QC	14	33	0.70	238	0.106	2	1.52	0.020	0.22	0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1055657	Soil	5	40	1.52	189	0.183	<1	2.78	0.022	0.12	<0.1	<0.01	2.7	<0.1	<0.05	7	<0.5	<0.2
REP 1055657	QC	5	41	1.54	195	0.196	1	2.90	0.023	0.13	<0.1	0.01	2.9	<0.1	<0.05	8	<0.5	<0.2

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Suite 680-789 West Pender St
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Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000604.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
Reference Materials																					
STD DS8	Standard	12.9	104.1	126.4	309	1.9	35.8	7.8	609	2.48	25.7	2.8	107.4	6.7	63	2.1	5.3	6.3	41	0.69	0.079
STD DS8	Standard	12.7	107.0	125.6	309	1.7	37.6	8.0	625	2.65	26.3	2.7	110.5	6.7	66	2.5	5.3	6.1	41	0.71	0.085
STD DS8	Standard	13.1	119.7	108.5	311	1.8	39.3	8.0	614	2.47	27.3	2.4	120.2	6.0	60	2.5	5.4	6.2	45	0.69	0.085
STD DS8	Standard	13.8	105.6	112.0	306	1.8	39.6	7.8	623	2.49	28.1	2.5	122.5	6.3	63	2.6	5.2	6.2	46	0.71	0.084
STD DS8	Standard	13.7	115.4	124.2	322	1.9	38.8	7.8	634	2.53	27.7	3.0	111.1	7.4	71	2.6	6.3	7.0	44	0.72	0.080
STD DS8	Standard	13.9	113.4	121.0	314	1.9	38.3	7.7	637	2.51	26.9	2.9	113.5	7.4	72	2.6	6.0	6.9	44	0.72	0.078
STD DS8	Standard	13.6	100.3	110.3	292	1.8	37.1	7.6	602	2.38	27.1	2.5	112.9	6.5	62	2.5	5.4	6.2	43	0.70	0.081
STD DS8	Standard	13.4	98.3	101.6	289	1.7	36.2	7.4	585	2.36	26.1	2.4	111.7	6.4	61	2.4	5.1	5.7	41	0.69	0.076
STD DS8	Standard	13.8	107.2	123.2	306	1.8	37.5	7.3	616	2.41	27.4	2.9	109.7	7.3	66	2.2	5.2	6.2	41	0.71	0.076
STD DS8	Standard	13.9	107.1	125.9	304	1.9	37.2	7.3	634	2.48	25.8	2.9	110.2	7.5	68	2.3	5.4	6.1	43	0.73	0.080
STD DS8	Standard	13.6	106.5	116.8	302	1.8	35.7	7.5	599	2.38	24.6	2.6	103.3	6.7	67	2.4	5.2	6.1	42	0.71	0.073
STD DS8	Standard	13.8	109.7	120.9	310	1.7	37.7	7.8	620	2.46	25.4	2.8	105.9	7.1	70	2.2	5.2	6.3	43	0.79	0.078
STD DS8	Standard	11.8	98.3	106.0	300	1.7	33.2	6.5	574	2.27	25.1	2.3	137.2	5.8	61	2.1	5.1	5.9	38	0.64	0.072
STD DS8	Standard	11.8	98.1	104.7	301	1.7	33.6	6.7	573	2.27	25.2	2.4	118.3	6.0	61	2.1	5.1	6.0	38	0.67	0.073
STD DS8	Standard	13.0	111.0	119.4	317	1.7	38.4	7.9	609	2.54	24.6	2.7	108.0	7.3	70	2.5	5.6	6.2	51	0.71	0.077
STD DS8	Standard	13.7	115.6	125.9	311	1.9	40.2	8.1	632	2.58	26.1	3.1	109.3	7.7	72	2.6	5.6	6.7	51	0.75	0.084
STD DS8	Standard	12.0	102.0	125.1	303	1.8	36.8	7.2	600	2.41	25.3	2.5	107.5	6.5	66	2.1	5.4	6.1	42	0.68	0.076
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: PED
Report Date: August 06, 2011

QUALITY CONTROL REPORT WHI11000604.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
Reference Materials																		
STD DS8	Standard	14	119	0.54	266	0.114	2	0.90	0.093	0.43	2.8	0.18	2.3	5.4	0.15	5	5.0	4.9
STD DS8	Standard	16	117	0.54	279	0.120	3	0.94	0.098	0.43	2.7	0.21	2.4	5.4	0.15	5	5.1	5.3
STD DS8	Standard	13	122	0.61	277	0.110	2	0.88	0.088	0.43	2.9	0.19	1.9	5.5	0.17	5	4.9	4.9
STD DS8	Standard	14	120	0.62	291	0.116	2	0.93	0.090	0.43	3.0	0.23	2.0	5.6	0.18	5	5.5	5.0
STD DS8	Standard	17	121	0.64	297	0.138	3	0.95	0.095	0.43	3.2	0.19	2.6	5.5	0.15	5	5.4	5.3
STD DS8	Standard	17	122	0.62	301	0.138	2	0.94	0.088	0.43	3.3	0.21	2.5	5.4	0.17	5	5.8	5.1
STD DS8	Standard	15	114	0.60	281	0.114	3	0.90	0.098	0.41	3.0	0.19	2.1	5.3	0.16	5	5.2	5.1
STD DS8	Standard	15	113	0.60	276	0.112	3	0.90	0.092	0.41	2.8	0.20	2.1	5.1	0.16	5	5.5	5.0
STD DS8	Standard	16	115	0.60	283	0.114	3	0.94	0.098	0.42	3.0	0.20	2.4	5.3	0.16	5	4.8	5.2
STD DS8	Standard	17	119	0.62	287	0.122	3	0.98	0.102	0.43	3.0	0.21	2.5	5.2	0.18	5	4.5	4.8
STD DS8	Standard	16	115	0.60	271	0.124	2	0.92	0.087	0.40	2.9	0.20	2.4	5.2	0.12	5	5.0	5.1
STD DS8	Standard	17	116	0.63	282	0.129	2	0.98	0.089	0.41	3.0	0.21	2.5	5.3	0.14	5	5.2	5.1
STD DS8	Standard	14	105	0.57	267	0.106	3	0.84	0.087	0.40	3.0	0.22	2.0	5.0	0.12	5	5.3	5.0
STD DS8	Standard	14	108	0.58	271	0.103	2	0.86	0.084	0.41	3.0	0.21	2.0	5.0	0.11	4	5.9	5.1
STD DS8	Standard	15	117	0.56	288	0.125	4	0.98	0.104	0.43	3.1	0.21	2.3	5.6	0.18	5	4.5	4.3
STD DS8	Standard	16	126	0.61	303	0.125	3	1.00	0.108	0.45	3.2	0.23	2.5	5.8	0.20	5	5.8	5.0
STD DS8	Standard	14	110	0.63	262	0.101	3	0.89	0.099	0.43	2.5	0.20	2.0	5.2	0.15	5	4.3	4.7
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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

www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 11, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000613.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 150

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	150	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	150	Dry at 60C			VAN
1DX2	150	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 11, 2011

CERTIFICATE OF ANALYSIS WHI11000613.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062659	Soil		0.6	41.0	4.9	57	<0.1	31.9	18.0	524	3.48	5.3	3.5	2.5	2.4	78	<0.1	0.3	0.3	89	0.97	0.049
1062657	Soil		0.6	48.3	5.8	59	<0.1	28.1	13.5	474	3.02	5.0	0.9	4.0	2.6	66	0.1	0.3	0.2	71	1.09	0.052
1062675	Soil		0.2	63.1	3.1	82	<0.1	27.2	23.8	798	4.36	2.4	0.4	1.8	1.8	31	<0.1	0.8	0.2	113	0.58	0.060
1062660	Soil		0.7	59.0	4.7	62	<0.1	41.7	18.1	631	3.79	7.9	0.5	7.9	3.4	66	<0.1	0.5	<0.1	93	0.76	0.057
1062658	Soil		0.9	68.3	4.4	71	<0.1	29.8	17.7	642	3.77	5.1	20.9	4.3	2.4	89	<0.1	0.2	<0.1	90	1.10	0.064
1062674	Soil		0.4	53.6	4.5	54	<0.1	30.1	12.9	386	2.72	5.4	0.9	1.2	1.7	66	0.2	0.4	0.1	70	1.28	0.065
1015061	Soil		1.0	40.5	10.8	83	0.1	20.4	13.6	439	3.38	12.3	2.7	2.3	5.2	30	0.2	0.4	0.3	67	0.41	0.074
1015056	Soil		0.7	31.7	10.7	77	0.2	24.5	14.6	581	3.63	20.3	1.5	3.8	3.9	21	0.2	0.5	0.2	89	0.32	0.061
1015060	Soil		1.1	30.4	14.0	84	0.1	17.7	12.1	412	3.41	12.8	1.5	2.0	5.1	23	0.2	0.4	0.3	63	0.34	0.065
1055681	Soil		0.5	26.9	11.2	93	<0.1	19.8	14.6	418	3.14	8.3	0.8	3.2	4.0	23	0.1	0.7	0.2	63	0.36	0.076
1015063	Soil		1.1	41.5	14.7	81	0.2	23.6	15.2	428	3.43	10.7	4.8	6.3	6.8	25	0.1	0.5	0.4	78	0.35	0.069
1015066	Soil		1.2	31.8	10.6	69	0.2	23.6	14.2	402	3.66	12.1	1.7	2.6	5.3	29	0.1	0.5	0.3	73	0.44	0.066
1015064	Soil		0.7	25.2	9.9	65	<0.1	18.0	13.5	272	2.84	7.3	2.3	1.5	5.1	22	0.1	0.4	0.3	70	0.32	0.059
1015065	Soil		0.8	38.9	8.7	82	0.1	24.6	14.7	530	3.54	9.4	1.8	4.7	6.3	31	0.1	0.5	0.4	72	0.50	0.072
1015067	Soil		0.9	27.3	10.9	67	0.2	22.1	14.6	354	3.38	9.9	1.5	4.5	6.3	30	0.2	0.5	0.3	71	0.48	0.063
1015062	Soil		1.6	34.3	12.6	72	0.3	18.8	11.9	414	3.14	11.2	2.8	2.3	1.5	29	0.1	0.4	0.3	62	0.34	0.079
1015069	Soil		1.3	27.8	9.7	77	0.1	22.9	16.5	451	3.45	6.5	1.7	2.0	8.9	27	0.1	0.4	0.9	72	0.43	0.064
1015068	Soil		1.1	30.4	12.3	77	0.2	22.2	16.0	436	3.59	8.6	1.4	2.8	7.3	28	0.2	0.6	0.6	76	0.42	0.068
1015070	Soil		0.8	22.0	6.2	61	<0.1	18.3	11.8	279	2.82	5.2	0.7	5.4	5.1	25	<0.1	0.3	0.3	65	0.37	0.070
1015072	Soil		1.3	32.0	22.2	85	0.1	28.7	15.2	344	3.41	6.5	2.8	2.0	6.7	32	0.1	0.4	1.0	69	0.44	0.068
1015075	Soil		0.8	29.1	7.6	72	0.1	20.8	14.0	326	2.89	6.2	0.9	2.3	5.8	29	<0.1	0.4	0.6	62	0.41	0.082
1015071	Soil		0.9	30.1	8.7	75	0.1	30.1	13.5	343	3.05	6.6	1.0	3.4	4.5	32	0.1	0.4	0.5	68	0.43	0.079
1015074	Soil		0.8	33.5	8.2	88	0.2	23.6	15.3	421	3.11	5.5	1.0	2.1	6.9	35	0.1	0.4	1.1	64	0.48	0.090
1015076	Soil		1.2	27.4	12.3	71	0.2	18.4	13.1	409	3.05	6.0	1.1	2.5	6.0	25	0.1	0.4	2.3	62	0.30	0.075
1015078	Soil		0.9	17.4	20.7	69	<0.1	18.1	15.8	499	2.86	5.4	0.7	6.0	3.7	37	<0.1	0.3	0.7	57	0.35	0.057
1015077	Soil		0.9	28.3	8.3	73	0.1	21.3	13.8	315	3.29	7.2	0.9	3.1	5.5	28	<0.1	0.4	1.0	64	0.36	0.076
1015073	Soil		1.3	23.7	8.8	80	0.2	19.2	17.4	761	3.20	5.4	1.5	4.0	5.8	35	0.1	0.4	1.5	66	0.45	0.083
1015080	Soil		1.1	20.8	9.3	63	0.2	18.0	12.9	291	2.76	4.4	2.2	2.3	3.8	35	<0.1	0.3	1.1	62	0.31	0.058
1015051	Soil		0.8	32.8	8.1	94	<0.1	16.6	14.4	706	3.29	6.8	1.0	2.4	4.3	22	0.2	0.5	0.1	65	0.36	0.099
1015055	Soil		1.1	26.1	12.4	92	<0.1	19.8	12.0	466	3.23	20.3	1.0	7.0	3.8	21	<0.1	0.6	0.2	70	0.30	0.063

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 11, 2011

CERTIFICATE OF ANALYSIS WHI11000613.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062659	Soil	5	50	1.36	198	0.142	2	3.06	0.012	0.15	0.6	0.03	6.4	<0.1	<0.05	9	<0.5	<0.2
1062657	Soil	9	39	0.97	286	0.116	2	2.32	0.020	0.14	0.4	0.02	5.0	<0.1	<0.05	6	<0.5	<0.2
1062675	Soil	3	51	2.09	295	0.131	1	2.65	0.017	0.41	1.3	0.02	8.2	0.2	<0.05	8	<0.5	<0.2
1062660	Soil	12	58	1.47	290	0.109	2	2.51	0.023	0.11	0.7	0.03	7.7	<0.1	<0.05	8	<0.5	<0.2
1062658	Soil	8	28	1.45	245	0.195	1	3.02	0.018	0.26	0.5	0.02	6.3	<0.1	<0.05	9	<0.5	<0.2
1062674	Soil	8	46	1.05	290	0.107	2	1.90	0.021	0.12	0.3	0.03	4.7	<0.1	<0.05	6	0.5	<0.2
1015061	Soil	21	36	0.94	216	0.153	1	1.90	0.015	0.31	0.2	0.02	4.8	0.3	<0.05	6	0.5	<0.2
1015056	Soil	10	58	0.97	194	0.137	2	2.21	0.014	0.19	0.2	0.07	5.1	0.2	<0.05	6	<0.5	<0.2
1015060	Soil	16	35	0.85	200	0.146	<1	1.86	0.013	0.26	0.2	0.02	3.9	0.2	<0.05	6	0.5	<0.2
1055681	Soil	14	30	0.97	210	0.136	2	2.09	0.012	0.18	0.2	0.03	5.5	0.2	<0.05	6	<0.5	<0.2
1015063	Soil	27	44	0.92	275	0.147	1	2.26	0.014	0.22	0.2	0.04	5.7	0.2	<0.05	6	0.6	<0.2
1015066	Soil	18	41	0.81	269	0.123	2	2.24	0.015	0.14	0.2	0.03	5.6	0.2	<0.05	6	<0.5	<0.2
1015064	Soil	16	34	0.96	194	0.151	1	1.92	0.016	0.17	0.3	0.03	4.5	0.2	<0.05	5	<0.5	<0.2
1015065	Soil	24	44	0.94	245	0.154	1	2.12	0.018	0.31	0.3	0.03	6.6	0.2	<0.05	7	0.6	<0.2
1015067	Soil	18	38	0.76	276	0.115	2	2.11	0.015	0.13	0.2	0.04	5.2	0.2	<0.05	6	<0.5	<0.2
1015062	Soil	18	35	0.60	239	0.070	2	2.09	0.012	0.13	0.1	0.05	3.9	0.2	<0.05	7	<0.5	<0.2
1015069	Soil	23	51	0.98	193	0.187	1	2.00	0.017	0.31	0.4	0.02	4.7	0.3	<0.05	7	<0.5	<0.2
1015068	Soil	19	40	0.81	262	0.120	2	2.14	0.015	0.15	0.6	0.03	5.6	0.2	<0.05	7	<0.5	<0.2
1015070	Soil	13	37	0.98	159	0.178	<1	1.88	0.017	0.28	0.3	0.03	2.8	0.3	<0.05	5	<0.5	<0.2
1015072	Soil	18	61	0.99	180	0.149	2	2.09	0.016	0.10	0.4	0.03	4.6	0.2	<0.05	6	<0.5	<0.2
1015075	Soil	16	38	0.89	180	0.144	1	1.82	0.016	0.24	0.3	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
1015071	Soil	15	55	0.98	241	0.142	1	2.09	0.014	0.18	0.2	0.03	3.8	0.3	<0.05	6	<0.5	<0.2
1015074	Soil	17	43	1.04	196	0.159	2	1.93	0.016	0.25	0.5	0.03	4.2	0.3	<0.05	6	<0.5	<0.2
1015076	Soil	18	36	0.78	159	0.131	1	2.05	0.013	0.17	0.5	0.04	3.6	0.2	<0.05	6	<0.5	<0.2
1015078	Soil	9	34	0.85	137	0.144	1	1.80	0.013	0.20	0.4	0.02	2.4	0.2	<0.05	6	<0.5	<0.2
1015077	Soil	15	39	0.90	162	0.141	2	1.95	0.015	0.20	0.4	0.03	3.5	0.2	<0.05	6	<0.5	<0.2
1015073	Soil	13	44	1.03	161	0.155	<1	2.02	0.016	0.13	0.3	0.05	3.2	0.3	<0.05	6	<0.5	<0.2
1015080	Soil	14	36	0.73	193	0.123	1	1.98	0.013	0.12	0.3	0.05	4.2	0.1	<0.05	6	<0.5	<0.2
1015051	Soil	16	27	0.85	283	0.147	1	1.95	0.012	0.31	0.2	0.03	7.3	0.2	<0.05	7	0.5	<0.2
1015055	Soil	13	35	0.87	177	0.132	2	2.21	0.011	0.19	0.1	0.02	4.9	0.2	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: August 11, 2011

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015054	Soil	1.0	25.8	11.5	94	0.1	19.3	14.2	892	3.47	18.9	0.9	2.2	3.2	23	0.2	0.6	0.2	69	0.35	0.077
1015052	Soil	0.7	27.0	10.8	103	<0.1	17.6	13.5	551	3.49	6.7	0.7	5.4	3.6	22	0.2	0.5	0.2	73	0.34	0.082
1015058	Soil	0.5	28.2	9.4	68	<0.1	20.2	9.8	256	3.08	14.8	0.8	2.8	3.5	23	0.1	0.5	0.1	64	0.34	0.069
1015053	Soil	0.7	28.4	12.5	90	0.1	18.7	12.6	438	3.35	9.0	0.9	26.0	3.8	21	0.1	0.5	0.2	70	0.35	0.077
1015057	Soil	1.0	25.3	9.6	74	<0.1	21.8	12.7	482	3.22	11.4	1.1	2.5	2.1	21	0.2	0.4	0.2	74	0.29	0.063
1015059	Soil	1.1	24.8	9.0	73	<0.1	21.0	11.9	524	3.06	13.7	1.1	2.5	3.6	24	0.1	0.5	0.1	62	0.30	0.054
1015081	Soil	0.9	26.2	7.9	62	0.1	19.9	12.7	348	2.98	5.5	1.4	3.1	4.4	32	<0.1	0.4	0.7	61	0.37	0.068
1015079	Soil	0.7	25.1	9.2	63	0.2	20.1	11.7	235	2.72	4.8	1.6	4.0	3.5	32	0.2	0.3	1.7	57	0.33	0.066
1054263	Soil	1.1	27.6	10.3	70	0.2	18.2	14.3	740	2.90	7.9	1.0	11.2	1.6	38	0.1	0.4	0.2	66	0.52	0.072
1054271	Soil	0.9	17.0	8.0	72	<0.1	14.3	10.4	397	2.69	42.3	0.6	5.4	1.9	32	0.2	0.4	0.1	58	0.50	0.063
1054270	Soil	1.0	21.1	12.3	83	<0.1	18.7	14.5	506	3.09	10.6	0.9	3.9	2.4	24	0.2	0.3	0.2	57	0.31	0.057
1054269	Soil	1.2	25.4	10.5	84	<0.1	19.6	15.4	649	3.15	25.5	0.9	1.6	2.8	23	0.2	0.4	0.2	63	0.29	0.059
1054268	Soil	1.0	18.7	13.1	73	0.1	20.2	11.7	320	2.63	48.2	0.8	3.1	2.3	24	0.1	0.5	0.2	57	0.31	0.060
1054267	Soil	0.9	23.7	11.6	81	0.1	18.7	15.7	554	2.98	7.9	1.1	3.2	3.0	24	0.2	0.4	0.2	63	0.30	0.066
1054266	Soil	1.0	19.3	17.2	74	0.2	15.2	12.6	377	3.01	15.4	0.9	9.0	2.8	21	0.2	0.5	0.1	62	0.27	0.063
1054265	Soil	0.8	20.4	8.1	55	0.2	12.2	10.0	280	2.46	5.1	1.0	3.7	0.8	21	0.2	0.3	0.1	54	0.20	0.066
1054264	Soil	1.1	23.0	8.8	63	0.2	13.8	8.7	228	2.83	7.7	1.0	3.7	1.2	26	0.1	0.4	0.1	63	0.27	0.069
1054259	Soil	0.7	24.7	13.1	68	0.1	19.3	9.4	288	2.37	4.3	1.8	2.4	6.0	25	0.3	0.4	0.3	50	0.39	0.075
1054260	Soil	1.3	45.6	14.6	73	0.2	20.7	22.5	1236	3.53	7.0	2.5	2.7	2.0	26	0.1	0.4	0.2	72	0.32	0.095
1054262	Soil	0.9	11.5	7.5	70	<0.1	14.4	12.4	594	2.75	4.4	0.6	3.0	1.9	29	0.2	0.3	0.1	68	0.32	0.081
1054257	Soil	1.8	38.5	15.3	81	0.2	23.8	16.7	555	3.91	10.5	5.1	3.1	9.9	22	0.2	0.6	0.3	71	0.25	0.081
1054272	Soil	0.4	11.8	7.7	48	0.1	11.6	4.9	144	1.43	4.9	0.7	2.1	1.1	37	0.2	0.2	0.1	31	0.63	0.064
1054254	Soil	1.1	24.3	7.7	64	<0.1	20.0	10.8	405	3.16	6.1	2.8	3.3	10.5	22	0.2	0.4	0.1	68	0.32	0.070
1054251	Soil	0.8	27.1	6.8	59	<0.1	21.4	9.6	283	2.65	5.9	0.7	4.6	3.5	22	0.1	0.4	0.1	58	0.32	0.072
1054255	Soil	0.6	20.0	6.7	67	<0.1	21.6	10.2	327	2.52	4.8	2.5	2.1	13.4	23	0.2	0.4	0.1	56	0.36	0.081
1054256	Soil	0.7	51.8	6.6	69	<0.1	22.8	14.8	501	2.65	5.0	3.2	1.6	20.7	29	0.3	0.4	0.2	56	0.50	0.109
1054253	Soil	0.8	30.9	6.8	70	<0.1	21.9	12.1	548	3.05	6.1	3.2	2.4	9.7	25	0.2	0.5	0.1	63	0.39	0.084
1054252	Soil	1.0	43.4	5.5	75	<0.1	33.2	16.3	542	3.55	5.9	2.3	5.9	12.7	27	0.1	0.4	0.1	70	0.44	0.116
1054261	Soil	0.7	21.3	8.3	80	<0.1	16.0	13.1	582	3.20	4.9	1.1	1.6	4.1	25	0.2	0.4	0.1	64	0.38	0.096
1013440	Soil	0.2	43.2	2.5	89	<0.1	25.8	20.8	717	4.01	1.4	0.4	0.7	2.2	59	<0.1	0.2	<0.1	101	0.62	0.082

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 11, 2011

CERTIFICATE OF ANALYSIS WHI11000613.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015054	Soil	12	30	0.82	206	0.117	2	2.11	0.011	0.18	0.1	0.02	5.3	0.2	<0.05	7	0.6	<0.2
1015052	Soil	12	27	0.94	235	0.161	<1	2.27	0.011	0.25	0.1	0.02	6.2	0.2	<0.05	8	<0.5	<0.2
1015058	Soil	12	35	0.89	210	0.138	<1	1.88	0.013	0.18	0.2	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1015053	Soil	14	29	0.92	203	0.146	<1	2.33	0.013	0.20	0.1	0.03	5.6	0.2	<0.05	7	<0.5	<0.2
1015057	Soil	11	43	0.90	204	0.110	2	2.18	0.012	0.13	0.1	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1015059	Soil	13	35	0.74	206	0.117	2	1.90	0.011	0.17	0.1	0.02	3.9	0.2	<0.05	6	<0.5	<0.2
1015081	Soil	16	36	0.82	220	0.116	2	1.93	0.013	0.12	0.3	0.04	4.9	0.1	<0.05	6	0.7	<0.2
1015079	Soil	17	43	0.82	190	0.114	1	1.85	0.012	0.14	0.5	0.05	3.8	0.2	<0.05	6	<0.5	<0.2
1054263	Soil	14	30	0.71	333	0.095	2	1.62	0.018	0.09	0.1	0.08	3.6	0.1	0.06	6	<0.5	<0.2
1054271	Soil	8	25	0.69	184	0.086	2	1.37	0.013	0.06	0.1	0.03	2.9	<0.1	<0.05	5	<0.5	<0.2
1054270	Soil	11	28	0.66	174	0.090	2	1.83	0.012	0.09	0.1	0.04	3.3	<0.1	<0.05	6	<0.5	<0.2
1054269	Soil	13	31	0.67	204	0.086	2	1.87	0.011	0.09	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1054268	Soil	12	29	0.62	189	0.074	1	1.64	0.013	0.08	0.1	0.06	3.3	<0.1	<0.05	5	<0.5	<0.2
1054267	Soil	13	30	0.69	248	0.075	2	1.85	0.012	0.08	0.1	0.05	4.4	0.1	<0.05	6	<0.5	<0.2
1054266	Soil	11	25	0.66	169	0.092	<1	1.55	0.012	0.10	0.1	0.05	4.2	0.1	<0.05	5	<0.5	<0.2
1054265	Soil	9	25	0.53	155	0.081	1	1.52	0.013	0.08	<0.1	0.07	3.0	0.1	<0.05	5	<0.5	<0.2
1054264	Soil	9	26	0.70	183	0.089	1	1.68	0.015	0.09	0.1	0.06	3.1	0.1	<0.05	5	0.7	<0.2
1054259	Soil	16	31	0.67	182	0.119	1	1.55	0.015	0.19	0.2	0.04	3.2	0.2	<0.05	5	<0.5	<0.2
1054260	Soil	29	34	0.72	292	0.107	1	2.44	0.013	0.14	0.1	0.10	4.2	0.2	<0.05	7	<0.5	<0.2
1054262	Soil	7	28	0.84	175	0.113	<1	1.40	0.014	0.17	0.2	0.05	3.5	0.1	<0.05	6	<0.5	<0.2
1054257	Soil	36	42	0.67	230	0.099	2	2.28	0.013	0.13	0.1	0.10	4.2	0.3	<0.05	6	0.6	<0.2
1054272	Soil	9	27	0.47	177	0.074	1	1.16	0.015	0.05	0.1	0.05	2.7	<0.1	0.06	5	<0.5	<0.2
1054254	Soil	23	37	0.67	157	0.124	<1	1.78	0.013	0.12	0.2	0.04	3.1	0.1	<0.05	6	<0.5	<0.2
1054251	Soil	14	32	0.64	136	0.124	2	1.82	0.013	0.13	0.1	0.05	3.5	0.1	<0.05	5	<0.5	<0.2
1054255	Soil	22	38	0.72	122	0.128	1	1.73	0.014	0.18	0.2	0.07	2.8	0.2	<0.05	5	<0.5	<0.2
1054256	Soil	34	42	0.73	155	0.127	1	1.42	0.019	0.24	0.2	0.03	3.0	0.2	<0.05	5	<0.5	<0.2
1054253	Soil	31	39	0.73	188	0.126	1	1.63	0.017	0.21	0.1	0.06	3.8	0.2	<0.05	5	<0.5	<0.2
1054252	Soil	43	66	1.02	199	0.172	1	1.81	0.016	0.28	0.2	0.04	3.9	0.2	<0.05	6	<0.5	<0.2
1054261	Soil	13	27	0.78	219	0.153	<1	1.68	0.015	0.28	0.2	0.05	3.8	0.2	<0.05	5	<0.5	<0.2
1013440	Soil	6	44	2.07	503	0.166	1	2.69	0.020	0.61	0.1	<0.01	6.6	0.3	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: August 11, 2011

CERTIFICATE OF ANALYSIS WHI11000613.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013439	Soil	0.8	25.7	39.4	51	<0.1	20.4	9.1	483	2.43	7.5	1.4	2.2	7.2	26	0.1	0.5	0.4	65	0.28	0.016
1010037	Soil	0.2	50.3	2.4	62	<0.1	40.9	15.4	355	2.90	1.9	0.9	<0.5	2.0	36	<0.1	0.2	<0.1	81	0.54	0.048
1013438	Soil	0.3	127.4	8.7	83	<0.1	33.6	22.4	661	4.46	3.4	0.8	1.6	2.2	44	<0.1	0.5	0.2	110	0.86	0.101
1015045	Soil	1.0	17.5	9.0	46	<0.1	19.9	9.0	322	2.67	6.8	0.5	8.5	2.7	27	<0.1	0.4	0.2	69	0.30	0.020
1015046	Soil	0.9	28.3	8.7	80	<0.1	36.0	13.9	631	3.41	6.8	0.7	1.2	3.8	28	0.2	0.5	0.2	82	0.34	0.027
1010690	Soil	1.0	33.1	8.5	82	0.1	20.9	15.0	844	3.32	6.1	0.5	<0.5	2.7	42	0.2	0.5	0.2	87	0.49	0.033
1010687	Soil	0.3	107.4	6.6	80	<0.1	28.6	28.9	913	6.03	12.1	1.1	2.2	5.5	52	<0.1	0.4	<0.1	161	0.71	0.086
1010688	Soil	0.9	82.7	6.3	66	<0.1	20.2	19.3	596	4.05	6.2	0.5	0.8	2.0	35	0.1	0.4	0.1	123	0.73	0.039
1010888	Soil	0.2	102.9	2.8	81	<0.1	16.6	21.7	644	4.23	2.2	0.3	1.4	0.7	231	0.1	<0.1	<0.1	135	0.80	0.083
1010886	Soil	0.8	49.7	6.0	91	0.2	17.7	20.9	683	5.19	4.8	0.7	<0.5	2.7	34	0.2	0.3	0.2	164	0.69	0.043
1010887	Soil	1.2	18.3	12.2	68	0.1	20.6	12.0	574	3.08	8.9	0.7	1.9	4.5	26	0.1	0.6	0.3	72	0.40	0.024
1010689	Soil	2.7	39.2	4.0	85	<0.1	11.2	22.0	986	5.46	4.2	0.8	<0.5	6.1	44	<0.1	0.2	<0.1	131	0.68	0.075
1015041	Soil	1.8	46.6	4.2	90	<0.1	13.2	27.7	1282	6.35	4.4	1.2	2.1	3.2	47	<0.1	0.1	0.2	150	0.99	0.132
1013375	Soil	0.4	76.2	3.1	69	<0.1	25.6	18.4	431	3.41	3.8	0.2	2.0	1.8	23	<0.1	0.2	<0.1	92	0.39	0.054
1013377	Soil	0.2	89.2	2.3	85	<0.1	35.0	25.2	731	4.55	3.0	0.5	2.9	3.9	38	<0.1	0.2	0.5	117	0.60	0.065
1013376	Soil	0.2	90.6	2.8	85	<0.1	35.3	25.8	734	4.67	2.6	0.6	2.7	3.9	39	<0.1	0.1	0.6	118	0.60	0.064
1013379	Soil	0.2	88.4	2.2	85	<0.1	39.9	30.1	662	5.24	2.9	0.5	1.3	2.8	51	<0.1	0.2	<0.1	123	0.90	0.083
1013378	Soil	0.1	86.5	2.3	81	<0.1	41.3	30.8	645	5.25	3.1	0.5	1.9	2.7	52	<0.1	0.2	<0.1	120	0.90	0.079
1013380	Soil	0.7	42.6	7.2	87	<0.1	26.2	19.7	569	3.99	6.4	0.7	2.3	3.1	41	<0.1	0.4	0.1	94	0.52	0.036
1027760	Soil	0.2	90.1	3.5	95	<0.1	31.8	25.1	515	5.00	2.9	0.7	1.8	4.1	45	<0.1	0.4	<0.1	115	0.72	0.043
1027759	Soil	0.3	62.5	2.8	80	<0.1	27.3	21.8	527	3.44	3.2	0.2	1.3	3.0	51	<0.1	0.2	<0.1	85	0.49	0.037
1027758	Soil	0.2	53.7	2.9	71	<0.1	30.4	21.1	531	3.75	3.4	0.2	1.3	1.2	46	<0.1	0.1	<0.1	93	0.63	0.050
1013444	Soil	<0.1	50.3	4.7	99	<0.1	31.7	25.8	666	4.88	2.2	0.6	1.2	3.9	20	<0.1	0.3	<0.1	122	0.49	0.084
1013443	Soil	<0.1	53.3	4.6	97	<0.1	30.1	25.4	696	4.85	2.0	0.6	1.6	3.9	20	<0.1	0.3	<0.1	121	0.49	0.080
1013445	Soil	0.6	48.7	4.9	79	<0.1	26.9	18.5	414	3.65	4.6	0.4	1.8	2.3	47	<0.1	0.4	<0.1	87	0.43	0.028
1013442	Soil	0.5	41.3	5.5	90	<0.1	26.6	20.4	606	4.06	5.2	0.3	1.6	1.9	35	<0.1	0.5	<0.1	94	0.49	0.058
1013441	Soil	0.5	13.9	50.9	43	<0.1	8.6	3.9	120	1.22	4.6	2.1	1.7	8.2	15	<0.1	0.3	3.7	30	0.17	0.012
1013446	Soil	0.9	24.8	5.3	82	<0.1	6.7	20.0	1416	4.80	2.2	0.8	3.1	7.1	23	0.1	0.1	0.3	101	3.56	0.085
1015044	Soil	1.0	55.1	4.9	83	<0.1	21.3	20.1	758	4.15	4.1	1.7	1.1	5.1	43	<0.1	0.1	0.6	111	1.05	0.075
1010891	Soil	0.3	77.9	1.8	69	<0.1	26.5	19.3	440	3.86	3.0	0.4	1.6	2.6	33	<0.1	0.3	<0.1	104	0.66	0.071

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013439	Soil	13	38	0.47	216	0.095	<1	1.77	0.014	0.04	0.1	0.05	4.5	<0.1	<0.05	5	<0.5	<0.2
1010037	Soil	7	169	1.65	326	0.144	<1	2.13	0.024	0.18	0.1	<0.01	6.1	<0.1	<0.05	7	<0.5	<0.2
1013438	Soil	5	46	1.92	298	0.173	<1	2.99	0.026	0.18	0.3	0.03	7.6	<0.1	<0.05	8	<0.5	<0.2
1015045	Soil	9	42	0.58	251	0.079	<1	1.86	0.013	0.05	<0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1015046	Soil	11	78	0.98	291	0.074	1	2.39	0.012	0.07	<0.1	0.02	5.5	<0.1	<0.05	8	<0.5	<0.2
1010690	Soil	7	39	0.73	288	0.094	<1	2.31	0.017	0.06	0.1	0.03	4.1	<0.1	<0.05	8	<0.5	<0.2
1010687	Soil	13	32	2.43	75	0.004	<1	3.63	0.008	0.04	<0.1	0.02	13.4	<0.1	<0.05	12	<0.5	<0.2
1010688	Soil	6	43	1.30	211	0.104	<1	2.50	0.044	0.09	<0.1	0.02	8.9	<0.1	<0.05	7	<0.5	<0.2
1010888	Soil	2	36	1.68	453	0.216	<1	2.60	0.051	0.49	<0.1	<0.01	7.7	0.1	<0.05	8	<0.5	<0.2
1010886	Soil	9	33	1.17	265	0.139	<1	2.75	0.049	0.15	<0.1	0.02	11.0	<0.1	<0.05	10	<0.5	<0.2
1010887	Soil	10	39	0.47	347	0.080	1	1.98	0.012	0.14	<0.1	0.04	5.1	<0.1	<0.05	6	<0.5	<0.2
1010689	Soil	15	20	1.71	164	0.095	1	3.39	0.017	0.10	0.6	<0.01	13.0	<0.1	<0.05	12	<0.5	<0.2
1015041	Soil	11	25	2.54	161	0.073	1	3.99	0.012	0.05	0.6	<0.01	16.5	<0.1	<0.05	13	<0.5	<0.2
1013375	Soil	3	40	1.52	394	0.177	1	2.23	0.018	0.64	0.1	<0.01	4.0	0.1	<0.05	7	<0.5	<0.2
1013377	Soil	13	63	2.46	199	0.071	<1	2.95	0.014	0.11	0.2	<0.01	10.4	<0.1	<0.05	8	<0.5	<0.2
1013376	Soil	12	64	2.64	201	0.065	<1	3.01	0.013	0.11	0.1	<0.01	10.7	<0.1	<0.05	9	<0.5	<0.2
1013379	Soil	5	42	2.47	129	0.100	<1	3.31	0.028	0.07	<0.1	<0.01	7.5	<0.1	<0.05	10	<0.5	<0.2
1013378	Soil	4	42	2.46	124	0.103	<1	3.19	0.028	0.06	<0.1	<0.01	7.1	<0.1	<0.05	10	<0.5	<0.2
1013380	Soil	10	49	1.39	213	0.053	<1	2.75	0.013	0.08	0.1	<0.01	6.3	<0.1	<0.05	8	<0.5	<0.2
1027760	Soil	8	60	2.47	170	0.062	<1	3.34	0.015	0.03	0.1	0.01	10.0	<0.1	<0.05	10	<0.5	<0.2
1027759	Soil	4	48	2.12	132	0.075	<1	2.69	0.009	0.03	0.3	<0.01	4.9	<0.1	<0.05	7	<0.5	<0.2
1027758	Soil	2	55	1.77	154	0.090	<1	2.69	0.027	0.05	0.1	<0.01	6.5	<0.1	<0.05	8	<0.5	<0.2
1013444	Soil	9	60	2.18	37	0.003	1	2.73	0.005	0.03	0.2	<0.01	13.5	<0.1	<0.05	10	<0.5	<0.2
1013443	Soil	10	58	2.06	39	0.003	<1	2.62	0.006	0.04	0.2	<0.01	13.9	<0.1	<0.05	10	<0.5	<0.2
1013445	Soil	5	47	1.59	133	0.083	<1	2.83	0.014	0.05	0.2	<0.01	4.7	<0.1	<0.05	7	<0.5	<0.2
1013442	Soil	4	48	1.62	201	0.075	<1	2.84	0.017	0.07	0.2	<0.01	5.4	<0.1	<0.05	9	<0.5	<0.2
1013441	Soil	7	17	0.25	96	0.020	<1	1.38	0.007	0.08	0.6	0.02	1.9	<0.1	<0.05	3	<0.5	<0.2
1013446	Soil	30	12	1.50	58	0.004	<1	2.49	0.008	0.08	0.3	0.03	11.3	<0.1	<0.05	9	<0.5	<0.2
1015044	Soil	11	53	1.71	114	0.195	2	3.05	0.032	0.22	0.4	<0.01	10.2	<0.1	<0.05	10	<0.5	<0.2
1010891	Soil	6	46	1.78	177	0.101	<1	2.65	0.024	0.15	<0.1	<0.01	8.4	<0.1	<0.05	7	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 11, 2011

CERTIFICATE OF ANALYSIS WHI11000613.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015043	Soil	1.2	44.8	4.7	107	<0.1	13.1	21.3	1135	6.87	4.5	1.1	2.1	8.8	28	<0.1	0.2	0.2	111	0.65	0.147
1010890	Soil	0.5	58.0	6.2	87	<0.1	26.2	18.7	695	4.41	5.0	0.7	1.0	3.2	40	0.1	0.2	<0.1	103	0.50	0.044
1010889	Soil	0.6	58.6	4.6	72	<0.1	25.2	16.4	598	3.54	5.8	0.5	0.9	2.6	26	0.1	0.3	<0.1	90	0.50	0.046
1015042	Soil	0.7	13.3	1.9	78	<0.1	7.5	17.7	1158	4.74	2.1	2.7	1.0	7.7	34	<0.1	0.1	<0.1	122	0.49	0.070
1011997	Soil	0.6	11.0	16.4	46	<0.1	10.6	6.0	430	1.92	4.1	3.6	5.8	25.6	41	0.1	0.2	1.7	40	0.24	0.029
1011995	Soil	0.6	12.6	17.9	51	<0.1	13.2	7.0	367	2.08	4.4	7.0	4.4	27.5	28	<0.1	0.3	1.4	49	0.39	0.032
1011993	Soil	0.4	7.3	41.2	44	<0.1	6.6	3.6	666	1.42	2.4	6.7	32.5	23.9	10	0.2	0.2	4.3	23	0.19	0.050
1011992	Soil	0.6	10.4	55.4	81	<0.1	13.7	9.3	1318	2.60	3.9	6.6	5.9	28.1	11	0.1	0.3	3.8	43	0.21	0.090
1011996	Soil	0.6	9.0	23.1	50	<0.1	10.1	6.2	488	1.89	4.0	5.3	1.5	24.9	16	<0.1	0.3	2.0	35	0.21	0.049
1011994	Soil	0.4	6.4	35.3	48	<0.1	7.6	4.5	654	1.71	2.4	6.3	2.2	48.1	16	<0.1	0.2	3.5	26	0.25	0.047
1011999	Soil	0.5	9.8	25.9	44	<0.1	11.4	6.2	551	1.88	3.9	9.7	6.0	29.8	19	0.1	0.3	1.6	40	0.27	0.042
1012745	Soil	0.5	9.7	32.7	47	<0.1	11.5	5.2	468	1.82	3.4	6.5	2.0	32.3	23	0.1	0.3	1.7	34	0.33	0.044
1011784	Soil	0.5	10.1	22.3	56	<0.1	13.1	6.7	519	1.99	4.6	3.7	3.1	29.2	22	0.1	0.3	0.6	42	0.34	0.049
1011783	Soil	0.4	5.7	33.4	57	<0.1	8.3	4.8	614	1.82	1.7	3.5	10.5	50.7	12	<0.1	0.2	1.9	28	0.29	0.077
1011785	Soil	0.4	8.3	27.2	62	<0.1	12.9	6.1	608	2.17	4.1	3.5	7.9	42.3	22	<0.1	0.3	0.7	43	0.34	0.050
1011786	Soil	0.4	8.7	26.1	62	<0.1	12.6	6.3	581	2.12	3.9	3.6	1.6	38.8	21	<0.1	0.2	0.6	42	0.33	0.049
1013874	Soil	0.8	10.9	23.6	54	<0.1	13.9	7.5	478	2.39	5.8	3.2	15.7	17.7	22	0.1	0.3	0.9	53	0.24	0.035
1011556	Soil	0.4	7.4	30.1	53	<0.1	10.5	5.8	514	1.92	3.8	7.2	2.0	49.4	18	<0.1	0.3	0.8	34	0.26	0.054
1013875	Soil	0.7	13.1	23.4	64	<0.1	13.0	6.5	611	2.07	5.4	10.8	5.3	28.6	34	0.3	0.2	1.6	43	0.57	0.039
1013872	Soil	0.6	16.6	16.4	50	<0.1	13.7	7.1	336	2.22	6.3	8.0	3.4	20.2	29	<0.1	0.3	0.7	52	0.39	0.034
1013873	Soil	0.5	15.3	21.7	57	<0.1	14.1	7.6	604	2.29	6.3	16.3	8.1	45.0	25	0.2	0.2	1.1	48	0.38	0.046
1013870	Soil	0.7	11.2	23.3	66	<0.1	14.5	9.4	544	2.48	6.2	4.3	6.7	22.5	21	0.2	0.2	1.1	51	0.28	0.053
1013871	Soil	0.7	12.3	20.0	49	<0.1	12.4	7.2	425	2.05	5.4	5.1	1.0	31.3	22	0.2	0.2	1.0	44	0.31	0.034
1011551	Soil	0.5	10.4	34.6	54	<0.1	12.7	7.4	606	2.04	5.3	3.2	3.4	34.0	20	0.1	0.4	1.0	37	0.33	0.062
1011554	Soil	0.5	5.2	61.6	56	<0.1	6.3	4.6	571	1.76	3.7	6.3	2.5	48.6	9	<0.1	0.4	1.3	24	0.20	0.062
1011552	Soil	0.8	12.7	38.2	62	<0.1	15.0	7.0	382	2.28	6.7	2.3	2.4	45.2	21	0.2	0.3	0.7	44	0.31	0.057
1010040	Soil	0.6	8.6	23.4	43	<0.1	7.9	5.7	463	1.84	4.0	5.1	1.1	22.4	17	<0.1	<0.1	1.9	34	0.24	0.035
1011998	Soil	0.3	8.6	20.4	59	<0.1	9.4	5.8	651	1.97	2.9	6.9	6.2	41.2	26	0.1	0.1	2.6	37	0.31	0.047
1011555	Soil	0.7	9.6	37.6	62	<0.1	11.6	6.3	576	2.15	4.0	6.7	17.7	58.7	16	0.1	0.2	1.0	40	0.27	0.064
1011553	Soil	0.4	25.5	11.2	49	<0.1	20.6	9.3	495	2.40	8.1	7.5	5.8	10.5	34	0.2	0.4	0.6	49	0.62	0.061

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Project: PED
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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015043	Soil	16	28	1.55	480	0.283	1	3.14	0.018	0.71	0.3	<0.01	8.7	0.2	<0.05	13	<0.5	<0.2
1010890	Soil	7	59	1.36	285	0.032	<1	3.07	0.016	0.08	<0.1	<0.01	9.9	<0.1	<0.05	10	<0.5	<0.2
1010889	Soil	6	47	1.35	217	0.132	<1	2.72	0.032	0.23	<0.1	0.01	5.7	<0.1	<0.05	8	<0.5	<0.2
1015042	Soil	22	13	1.47	146	0.111	<1	2.25	0.015	0.23	0.3	<0.01	12.7	<0.1	<0.05	11	<0.5	<0.2
1011997	Soil	15	18	0.39	166	0.051	<1	1.49	0.014	0.12	0.1	<0.01	3.2	0.2	<0.05	5	<0.5	<0.2
1011995	Soil	21	26	0.45	181	0.071	<1	1.51	0.017	0.08	0.2	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
1011993	Soil	23	13	0.29	42	0.008	<1	1.10	0.008	0.11	0.1	<0.01	1.7	0.2	<0.05	4	<0.5	<0.2
1011992	Soil	11	22	0.55	83	0.024	<1	1.81	0.010	0.09	0.1	0.02	3.2	0.2	<0.05	7	<0.5	<0.2
1011996	Soil	12	17	0.39	122	0.045	1	1.25	0.012	0.12	0.1	0.01	2.9	0.2	<0.05	5	<0.5	<0.2
1011994	Soil	16	15	0.37	107	0.012	<1	1.20	0.010	0.11	0.1	<0.01	3.0	0.2	<0.05	5	<0.5	<0.2
1011999	Soil	26	19	0.37	103	0.046	<1	1.28	0.015	0.07	0.1	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1012745	Soil	23	18	0.41	122	0.035	<1	1.38	0.013	0.08	0.2	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1011784	Soil	29	21	0.45	134	0.045	1	1.55	0.012	0.07	0.2	0.02	3.3	0.2	<0.05	5	<0.5	<0.2
1011783	Soil	24	14	0.48	86	0.032	<1	1.25	0.010	0.17	0.3	0.02	3.6	0.5	<0.05	6	<0.5	<0.2
1011785	Soil	19	21	0.50	120	0.054	<1	1.53	0.014	0.10	0.1	0.02	3.5	0.3	<0.05	6	<0.5	<0.2
1011786	Soil	19	20	0.50	119	0.051	<1	1.52	0.014	0.09	0.2	0.02	3.3	0.3	<0.05	5	<0.5	<0.2
1013874	Soil	14	26	0.44	132	0.060	<1	1.84	0.013	0.08	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1011556	Soil	43	18	0.47	117	0.031	<1	1.43	0.011	0.11	0.3	0.01	3.5	0.3	<0.05	5	<0.5	<0.2
1013875	Soil	31	22	0.40	158	0.039	3	1.32	0.011	0.08	<0.1	0.03	3.0	0.1	0.07	5	<0.5	<0.2
1013872	Soil	31	26	0.45	189	0.056	2	1.57	0.013	0.05	0.1	0.04	3.7	0.1	<0.05	5	<0.5	<0.2
1013873	Soil	33	26	0.48	160	0.051	<1	1.58	0.016	0.06	0.2	0.04	4.8	0.2	<0.05	5	<0.5	<0.2
1013870	Soil	18	27	0.47	185	0.046	<1	1.83	0.012	0.07	0.2	0.03	3.1	0.2	<0.05	6	<0.5	<0.2
1013871	Soil	30	22	0.43	152	0.056	1	1.36	0.011	0.07	0.1	0.02	3.5	0.3	<0.05	5	<0.5	<0.2
1011551	Soil	13	20	0.43	152	0.028	<1	1.33	0.012	0.07	0.2	<0.01	2.8	0.2	<0.05	5	<0.5	<0.2
1011554	Soil	14	10	0.27	114	0.006	<1	1.00	0.009	0.08	0.3	<0.01	2.4	0.1	<0.05	5	<0.5	<0.2
1011552	Soil	22	23	0.43	163	0.044	<1	1.33	0.013	0.06	0.5	0.02	3.1	0.1	<0.05	5	0.5	<0.2
1010040	Soil	12	15	0.33	94	0.033	<1	1.20	0.010	0.09	0.1	0.02	1.8	0.2	<0.05	5	<0.5	<0.2
1011998	Soil	36	19	0.43	96	0.084	<1	1.15	0.014	0.19	0.1	0.02	3.2	0.4	<0.05	5	<0.5	<0.2
1011555	Soil	31	19	0.48	153	0.040	<1	1.48	0.010	0.14	0.3	0.02	3.6	0.4	<0.05	6	0.5	<0.2
1011553	Soil	16	27	0.47	214	0.063	<1	1.28	0.023	0.05	0.2	0.04	2.9	<0.1	0.07	4	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013435	Soil		0.3	9.0	25.9	41	<0.1	9.3	4.5	456	1.53	3.6	7.8	3.0	44.4	18	<0.1	0.2	0.5	29	0.33	0.038
1013436	Soil		0.4	4.3	39.8	42	<0.1	8.5	3.8	582	1.64	3.0	5.8	129.6	46.4	9	0.1	0.2	0.7	27	0.22	0.041
1010787	Soil		0.8	8.9	23.9	44	<0.1	12.3	5.4	327	2.07	6.5	2.8	4.5	18.8	16	<0.1	0.2	1.2	49	0.21	0.039
1010785	Soil		0.7	11.5	23.4	57	<0.1	15.4	7.7	595	2.62	6.5	3.1	3.9	24.3	11	<0.1	0.4	0.9	53	0.12	0.029
1012786	Soil		0.7	9.5	24.7	49	<0.1	12.8	6.8	467	2.11	5.9	8.1	2.4	35.0	21	0.1	0.2	0.7	45	0.31	0.043
1010786	Soil		0.5	14.2	18.5	44	<0.1	13.7	6.8	308	2.21	6.6	2.8	2.1	9.7	19	0.1	0.3	0.5	52	0.22	0.042
1010783	Soil		0.6	8.6	22.9	51	<0.1	11.6	6.3	499	1.98	4.8	2.6	3.4	30.7	19	0.1	0.2	0.5	38	0.32	0.051
1010784	Soil		0.6	10.6	26.8	58	<0.1	14.7	7.9	624	2.34	5.9	4.2	1.4	35.5	17	0.1	0.2	0.7	46	0.25	0.046
1055896	Soil		0.7	20.9	16.9	53	<0.1	19.1	8.5	321	2.64	7.5	4.5	4.9	12.4	22	0.2	0.4	0.3	63	0.26	0.027
1055947	Soil		0.7	14.3	9.5	55	<0.1	15.4	7.9	285	2.27	5.8	3.6	3.6	5.0	21	0.1	0.3	0.2	55	0.32	0.055
1055948	Soil		0.8	9.1	8.7	36	<0.1	9.2	4.5	161	1.82	4.4	2.3	<0.5	3.3	18	0.1	0.2	0.2	49	0.24	0.029
1055949	Soil		1.0	17.7	7.7	49	<0.1	14.7	7.0	220	2.33	5.0	4.1	2.0	3.6	23	0.1	0.2	0.2	52	0.32	0.053
1055950	Soil		1.1	17.6	7.4	49	<0.1	17.4	8.4	274	2.26	3.1	2.6	<0.5	2.7	27	0.1	0.2	0.2	54	0.45	0.060
1010093	Soil		1.4	20.4	9.9	63	0.1	15.3	9.6	310	2.23	3.8	4.1	1.2	5.1	30	0.2	0.2	0.3	49	0.45	0.069
1010094	Soil		3.7	24.9	10.5	71	0.1	18.0	12.1	356	2.68	3.2	4.0	1.9	4.9	37	0.1	0.2	1.1	62	0.60	0.078
1055940	Soil		1.0	22.3	21.5	81	0.2	23.1	12.3	752	3.33	10.4	36.2	1.8	15.0	39	0.3	0.4	1.2	66	0.52	0.110
1055888	Soil		0.9	23.8	21.2	59	0.2	21.1	8.6	549	2.91	9.1	7.8	5.6	14.5	26	0.1	0.5	1.0	59	0.44	0.062
1055892	Soil		0.6	15.4	21.8	48	<0.1	16.9	7.2	393	2.35	7.2	7.9	1.2	16.2	20	0.1	0.3	1.0	50	0.29	0.038
1055891	Soil		0.8	15.7	21.2	46	<0.1	16.4	7.7	335	2.21	7.4	8.3	3.7	11.8	19	0.1	0.3	1.0	47	0.27	0.046
1055889	Soil		0.7	13.0	17.9	50	<0.1	14.8	6.2	344	2.30	7.5	2.6	8.3	8.2	19	0.2	0.4	0.4	51	0.24	0.048
1055890	Soil		0.8	16.0	17.7	49	<0.1	17.3	7.4	321	2.46	9.1	4.0	2.4	9.6	20	<0.1	0.4	0.4	53	0.26	0.049
1055887	Soil		1.2	13.1	19.8	50	0.1	12.4	12.9	1318	2.14	6.3	2.5	3.3	5.8	21	0.3	0.3	1.4	59	0.24	0.036
1055886	Soil		0.7	18.9	14.8	52	0.1	18.9	7.9	340	2.46	7.7	2.8	2.0	8.3	22	0.1	0.4	1.4	53	0.30	0.066
1055885	Soil		0.7	19.5	19.7	57	0.2	18.0	8.7	480	2.78	8.3	3.0	3.1	14.8	19	0.1	0.5	5.9	58	0.25	0.050
1055884	Soil		0.7	16.9	14.7	53	0.1	18.4	9.9	468	2.41	7.4	2.6	1.6	8.7	19	0.1	0.3	1.3	54	0.31	0.052
1010092	Soil		2.4	22.6	16.3	75	0.2	26.0	13.5	516	2.71	2.7	3.2	2.1	3.3	41	0.2	0.1	0.4	68	0.79	0.094
1055893	Soil		0.9	18.4	25.5	41	0.2	14.2	6.2	244	2.37	7.9	13.1	2.6	5.6	19	0.1	0.3	0.5	55	0.30	0.035
1055895	Soil		0.7	25.1	26.7	58	<0.1	21.8	10.3	518	2.61	7.9	8.5	3.6	18.1	21	0.1	0.4	0.3	59	0.33	0.033
1055894	Soil		0.6	21.6	22.8	49	<0.1	19.1	8.3	475	2.29	6.6	6.1	1.7	13.3	19	0.1	0.3	0.9	53	0.27	0.028
1055943	Soil		1.1	10.2	14.8	48	<0.1	12.5	5.8	264	2.11	7.4	5.9	3.1	6.0	14	0.1	0.2	0.4	61	0.20	0.030

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 11, 2011

CERTIFICATE OF ANALYSIS WHI11000613.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013435	Soil		31	16	0.33	91	0.031	<1	1.01	0.013	0.05	0.2	0.02	2.4	0.1	0.05	4	<0.5	<0.2
1013436	Soil		8	14	0.39	65	0.014	<1	1.12	0.007	0.06	0.2	0.02	1.7	0.3	<0.05	5	<0.5	<0.2
1010787	Soil		14	22	0.35	98	0.038	<1	1.47	0.010	0.07	0.1	0.03	2.0	0.2	<0.05	6	<0.5	<0.2
1010785	Soil		7	24	0.51	108	0.068	<1	1.87	0.009	0.09	0.1	0.03	3.2	0.3	0.06	7	<0.5	<0.2
1012786	Soil		37	21	0.42	138	0.047	<1	1.46	0.017	0.07	0.1	0.02	2.7	0.2	<0.05	5	<0.5	<0.2
1010786	Soil		21	25	0.36	134	0.043	<1	1.62	0.009	0.05	<0.1	0.03	2.3	0.2	0.06	5	<0.5	<0.2
1010783	Soil		15	19	0.45	102	0.039	<1	1.37	0.010	0.07	<0.1	0.02	2.4	0.2	<0.05	5	<0.5	<0.2
1010784	Soil		14	23	0.51	116	0.051	<1	1.60	0.011	0.08	0.1	0.02	2.7	0.2	0.05	6	<0.5	<0.2
1055896	Soil		18	37	0.54	181	0.081	<1	2.10	0.012	0.05	0.1	0.05	4.1	0.2	<0.05	6	<0.5	<0.2
1055947	Soil		10	28	0.51	139	0.095	<1	1.44	0.014	0.06	0.5	0.01	2.4	<0.1	0.08	5	<0.5	<0.2
1055948	Soil		9	20	0.33	100	0.079	<1	1.19	0.011	0.05	0.4	<0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1055949	Soil		12	28	0.47	172	0.071	1	1.62	0.020	0.06	0.4	<0.01	3.0	<0.1	<0.05	6	<0.5	<0.2
1055950	Soil		9	33	0.67	167	0.107	<1	1.75	0.015	0.09	0.5	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1010093	Soil		11	29	0.59	156	0.118	<1	1.68	0.020	0.12	0.2	0.04	3.4	0.1	0.10	6	<0.5	<0.2
1010094	Soil		11	34	0.78	139	0.137	<1	2.16	0.022	0.11	0.7	0.02	4.2	0.1	0.07	7	<0.5	<0.2
1055940	Soil		28	36	0.57	327	0.063	2	2.25	0.016	0.09	0.2	0.05	4.9	0.3	0.09	7	<0.5	<0.2
1055888	Soil		27	35	0.47	282	0.073	<1	2.07	0.014	0.05	0.2	0.07	5.4	0.2	<0.05	6	<0.5	<0.2
1055892	Soil		19	26	0.46	167	0.059	<1	1.69	0.011	0.05	0.2	0.01	3.3	0.2	<0.05	5	<0.5	<0.2
1055891	Soil		21	26	0.43	159	0.059	<1	1.71	0.010	0.05	0.2	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1055889	Soil		13	26	0.41	149	0.065	<1	1.54	0.009	0.05	0.2	0.03	2.9	0.1	<0.05	5	<0.5	<0.2
1055890	Soil		17	27	0.43	171	0.051	<1	1.74	0.009	0.05	0.2	0.04	3.3	0.1	<0.05	5	<0.5	<0.2
1055887	Soil		15	23	0.34	201	0.067	<1	1.38	0.015	0.05	0.2	0.04	2.6	0.2	<0.05	6	<0.5	<0.2
1055886	Soil		17	29	0.48	204	0.062	<1	1.79	0.011	0.05	0.2	0.03	3.8	0.2	<0.05	5	<0.5	<0.2
1055885	Soil		17	32	0.51	180	0.076	<1	2.09	0.011	0.05	0.2	0.04	4.3	0.2	<0.05	6	0.5	<0.2
1055884	Soil		14	28	0.42	162	0.046	<1	1.52	0.008	0.05	0.3	0.02	3.3	0.1	<0.05	5	<0.5	<0.2
1010092	Soil		8	47	0.90	168	0.126	<1	2.29	0.015	0.19	0.6	0.02	4.1	0.1	<0.05	7	<0.5	<0.2
1055893	Soil		18	27	0.29	162	0.033	<1	1.71	0.008	0.04	0.1	0.03	2.9	0.1	<0.05	6	<0.5	<0.2
1055895	Soil		23	35	0.57	182	0.070	<1	1.63	0.011	0.06	0.2	0.03	5.8	0.1	<0.05	5	<0.5	<0.2
1055894	Soil		20	31	0.46	192	0.060	<1	1.50	0.009	0.04	0.2	0.02	4.8	0.1	<0.05	5	<0.5	<0.2
1055943	Soil		9	23	0.33	112	0.061	<1	1.32	0.008	0.05	0.2	0.01	2.3	0.2	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 11, 2011

QUALITY CONTROL REPORT WHI11000613.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1015067	Soil	0.9	27.3	10.9	67	0.2	22.1	14.6	354	3.38	9.9	1.5	4.5	6.3	30	0.2	0.5	0.3	71	0.48	0.063
REP 1015067	QC	0.8	26.1	10.8	65	0.2	21.3	14.1	344	3.32	9.3	1.4	3.2	6.0	30	0.1	0.5	0.3	70	0.47	0.060
1015075	Soil	0.8	29.1	7.6	72	0.1	20.8	14.0	326	2.89	6.2	0.9	2.3	5.8	29	<0.1	0.4	0.6	62	0.41	0.082
REP 1015075	QC	0.7	27.6	7.2	67	0.1	19.3	13.2	313	2.74	6.1	0.8	3.4	5.7	28	0.1	0.4	0.5	59	0.38	0.078
1054260	Soil	1.3	45.6	14.6	73	0.2	20.7	22.5	1236	3.53	7.0	2.5	2.7	2.0	26	0.1	0.4	0.2	72	0.32	0.095
REP 1054260	QC	1.2	47.3	14.7	74	0.2	21.0	22.8	1260	3.57	7.2	2.6	2.2	2.0	27	0.1	0.4	0.2	74	0.32	0.097
1013438	Soil	0.3	127.4	8.7	83	<0.1	33.6	22.4	661	4.46	3.4	0.8	1.6	2.2	44	<0.1	0.5	0.2	110	0.86	0.101
REP 1013438	QC	0.4	124.0	8.6	83	<0.1	33.7	21.5	645	4.41	3.7	0.8	2.0	2.2	43	<0.1	0.5	0.2	108	0.85	0.103
1013380	Soil	0.7	42.6	7.2	87	<0.1	26.2	19.7	569	3.99	6.4	0.7	2.3	3.1	41	<0.1	0.4	0.1	94	0.52	0.036
REP 1013380	QC	0.6	41.7	7.1	83	<0.1	25.2	18.4	551	3.86	6.0	0.7	1.9	3.1	42	<0.1	0.5	0.1	92	0.49	0.036
1011995	Soil	0.6	12.6	17.9	51	<0.1	13.2	7.0	367	2.08	4.4	7.0	4.4	27.5	28	<0.1	0.3	1.4	49	0.39	0.032
REP 1011995	QC	0.6	12.2	17.4	51	<0.1	12.9	7.0	373	2.05	4.8	6.8	3.8	26.9	29	<0.1	0.3	1.3	49	0.39	0.031
1011551	Soil	0.5	10.4	34.6	54	<0.1	12.7	7.4	606	2.04	5.3	3.2	3.4	34.0	20	0.1	0.4	1.0	37	0.33	0.062
REP 1011551	QC	0.6	11.0	36.0	58	<0.1	12.7	7.8	622	2.09	5.4	3.5	3.2	35.6	19	<0.1	0.3	1.0	39	0.35	0.063
1010093	Soil	1.4	20.4	9.9	63	0.1	15.3	9.6	310	2.23	3.8	4.1	1.2	5.1	30	0.2	0.2	0.3	49	0.45	0.069
REP 1010093	QC	1.7	20.9	10.1	66	0.1	16.0	9.9	329	2.34	3.7	4.1	2.0	5.2	31	0.1	0.3	0.3	51	0.46	0.075
Reference Materials																					
STD DS8	Standard	12.0	104.3	121.3	286	1.6	35.9	7.2	561	2.27	23.7	2.5	108.7	6.3	52	2.1	4.1	5.5	39	0.61	0.073
STD DS8	Standard	12.8	107.7	115.7	302	1.7	36.4	7.2	585	2.36	26.0	2.7	107.0	6.5	66	2.3	6.1	6.6	41	0.65	0.073
STD DS8	Standard	13.3	108.0	129.1	307	1.8	37.3	7.4	581	2.37	26.0	2.8	113.9	7.3	67	2.2	5.6	7.0	42	0.68	0.077
STD DS8	Standard	12.9	104.8	123.6	306	1.8	36.1	7.3	609	2.51	26.3	2.7	142.7	6.8	64	2.3	5.4	5.8	41	0.67	0.079
STD DS8	Standard	13.8	120.2	129.2	329	1.9	40.0	8.2	632	2.55	27.8	3.1	143.4	7.6	72	2.5	6.4	7.1	45	0.72	0.082
STD DS8	Standard	12.4	101.7	122.8	292	1.6	34.1	6.8	566	2.32	24.2	2.5	105.7	6.3	59	2.1	4.9	5.8	39	0.64	0.073
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: PED
Report Date: August 11, 2011

QUALITY CONTROL REPORT WHI11000613.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1015067	Soil	18	38	0.76	276	0.115	2	2.11	0.015	0.13	0.2	0.04	5.2	0.2	<0.05	6	<0.5	<0.2
REP 1015067	QC	17	37	0.73	276	0.110	1	1.97	0.014	0.12	0.2	0.03	5.2	0.2	<0.05	6	<0.5	<0.2
1015075	Soil	16	38	0.89	180	0.144	1	1.82	0.016	0.24	0.3	0.03	3.7	0.2	<0.05	5	<0.5	<0.2
REP 1015075	QC	15	36	0.83	169	0.138	<1	1.71	0.015	0.22	0.3	0.02	3.5	0.2	<0.05	5	<0.5	<0.2
1054260	Soil	29	34	0.72	292	0.107	1	2.44	0.013	0.14	0.1	0.10	4.2	0.2	<0.05	7	<0.5	<0.2
REP 1054260	QC	29	35	0.73	306	0.107	2	2.42	0.013	0.14	0.1	0.11	4.4	0.3	0.05	7	0.7	<0.2
1013438	Soil	5	46	1.92	298	0.173	<1	2.99	0.026	0.18	0.3	0.03	7.6	<0.1	<0.05	8	<0.5	<0.2
REP 1013438	QC	5	45	1.93	295	0.171	<1	2.93	0.025	0.18	0.3	0.03	7.6	<0.1	<0.05	8	<0.5	<0.2
1013380	Soil	10	49	1.39	213	0.053	<1	2.75	0.013	0.08	0.1	<0.01	6.3	<0.1	<0.05	8	<0.5	<0.2
REP 1013380	QC	11	48	1.35	207	0.052	<1	2.75	0.013	0.07	<0.1	<0.01	6.2	<0.1	<0.05	8	<0.5	<0.2
1011995	Soil	21	26	0.45	181	0.071	<1	1.51	0.017	0.08	0.2	0.02	4.0	0.2	<0.05	5	<0.5	<0.2
REP 1011995	QC	21	26	0.46	181	0.071	<1	1.54	0.016	0.08	0.2	0.02	3.9	0.2	<0.05	5	<0.5	<0.2
1011551	Soil	13	20	0.43	152	0.028	<1	1.33	0.012	0.07	0.2	<0.01	2.8	0.2	<0.05	5	<0.5	<0.2
REP 1011551	QC	14	21	0.43	153	0.029	<1	1.31	0.012	0.07	0.1	0.03	2.7	0.1	<0.05	5	<0.5	<0.2
1010093	Soil	11	29	0.59	156	0.118	<1	1.68	0.020	0.12	0.2	0.04	3.4	0.1	0.10	6	<0.5	<0.2
REP 1010093	QC	11	30	0.60	160	0.122	<1	1.80	0.022	0.12	0.3	0.04	3.6	0.2	0.09	6	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	12	110	0.57	248	0.088	3	0.82	0.078	0.38	2.7	0.16	1.9	5.0	0.18	4	5.1	4.8
STD DS8	Standard	14	114	0.57	272	0.124	2	0.83	0.080	0.39	2.8	0.17	2.1	5.2	0.14	4	5.2	5.1
STD DS8	Standard	15	119	0.60	269	0.121	3	0.90	0.108	0.44	3.1	0.18	2.6	5.3	0.15	5	4.5	5.5
STD DS8	Standard	15	114	0.61	280	0.110	3	0.93	0.089	0.40	2.9	0.20	2.3	5.1	0.18	5	5.3	4.6
STD DS8	Standard	16	127	0.65	293	0.141	3	0.93	0.093	0.43	3.1	0.22	2.3	5.6	0.15	5	5.7	5.1
STD DS8	Standard	13	103	0.56	263	0.101	2	0.84	0.081	0.38	2.8	0.16	2.1	5.2	0.22	5	5.5	4.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 11, 2011

QUALITY CONTROL REPORT WHI11000613.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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QUALITY CONTROL REPORT WHI11000613.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 10, 2011
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11000614.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 148

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	148	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	148	Dry at 60C			VAN
1DX2	148	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000614.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055944	Soil		1.4	21.9	16.2	71	0.2	18.7	12.8	776	3.19	6.2	15.1	9.9	14.5	33	0.2	0.3	0.4	68	0.41	0.093
1055897	Soil		1.0	16.8	18.3	55	<0.1	21.3	9.4	369	2.53	8.2	4.1	1.3	9.8	19	0.2	0.4	0.9	56	0.25	0.087
1055946	Soil		0.9	24.9	12.6	60	0.3	20.1	10.2	387	2.81	6.2	11.4	2.3	7.0	30	0.1	0.2	0.4	64	0.39	0.060
1055898	Soil		0.5	16.9	16.9	48	<0.1	16.8	8.4	516	2.25	5.5	13.3	5.5	14.7	23	0.1	0.3	0.4	54	0.29	0.041
1055899	Soil		0.8	13.4	24.2	45	0.2	14.1	8.0	452	2.37	6.0	9.6	1.7	10.7	23	0.1	0.3	3.0	58	0.27	0.056
1055900	Soil		0.9	14.3	21.5	60	0.1	17.4	7.9	415	2.82	7.0	13.4	5.1	18.8	17	0.1	0.4	1.1	67	0.20	0.037
1055939	Soil		0.7	19.1	19.6	70	<0.1	18.8	9.2	558	2.56	6.7	104.6	4.2	14.9	27	0.2	0.4	0.9	60	0.36	0.071
1055941	Soil		0.6	12.1	13.4	54	<0.1	14.7	7.7	477	2.41	5.8	10.6	5.8	15.2	21	0.1	0.3	0.6	56	0.31	0.060
1055942	Soil		0.7	11.2	16.5	49	0.1	12.4	5.3	267	2.06	4.9	10.0	0.5	3.3	19	0.1	0.2	0.4	51	0.25	0.053
1055945	Soil		1.2	13.3	11.2	56	0.2	12.1	6.6	309	2.23	5.9	4.7	3.2	4.9	27	0.1	0.3	0.4	62	0.31	0.030
1055818	Soil		0.2	36.9	3.4	78	<0.1	39.7	25.2	677	5.04	1.8	0.6	<0.5	1.2	59	<0.1	0.2	<0.1	113	0.67	0.074
1055804	Soil		0.6	16.8	8.0	97	<0.1	44.3	18.5	558	4.91	4.4	0.3	0.8	1.6	54	<0.1	0.2	0.1	78	0.58	0.101
1055805	Soil		0.7	21.3	6.1	84	<0.1	29.5	19.3	481	4.00	5.4	0.3	<0.5	1.4	34	<0.1	0.3	0.1	95	0.37	0.037
1055806	Soil		0.5	11.0	17.6	34	<0.1	15.1	6.9	527	1.76	4.8	1.7	1.2	9.2	17	<0.1	0.2	0.3	34	0.22	0.015
1055807	Soil		0.4	22.8	5.1	74	<0.1	23.5	17.3	626	3.69	3.4	0.4	<0.5	3.0	57	<0.1	0.2	0.2	83	0.60	0.034
1055808	Soil		0.7	34.2	7.6	65	<0.1	30.2	16.1	378	3.64	7.2	0.9	3.0	4.0	31	<0.1	0.4	0.2	90	0.37	0.035
1055813	Soil		0.7	54.3	4.3	53	<0.1	18.7	12.7	292	3.25	4.5	0.3	1.0	1.2	19	<0.1	0.2	<0.1	104	0.35	0.042
1055812	Soil		0.9	35.8	6.8	65	<0.1	19.6	12.2	344	3.69	8.4	0.4	2.0	1.8	18	<0.1	0.4	0.1	76	0.15	0.032
1055811	Soil		0.8	10.9	6.4	87	<0.1	15.9	13.9	672	4.45	6.4	0.6	<0.5	2.4	14	<0.1	0.2	<0.1	60	0.24	0.058
1055810	Soil		0.3	43.6	3.9	53	<0.1	45.4	19.1	684	3.72	3.8	0.5	1.1	2.2	38	<0.1	0.8	<0.1	92	2.94	0.097
1055809	Soil		0.3	68.8	8.4	56	<0.1	23.6	20.8	1042	5.20	3.8	1.4	1.4	5.1	13	<0.1	2.7	0.2	199	0.35	0.058
1055819	Soil		0.4	98.0	2.3	53	<0.1	16.5	18.9	321	3.70	2.4	0.2	<0.5	0.5	18	<0.1	0.1	<0.1	110	0.53	0.159
1055821	Soil		0.1	42.1	3.5	101	<0.1	53.5	32.8	1049	6.38	2.1	0.4	1.4	2.1	37	<0.1	0.8	<0.1	164	0.93	0.108
1055816	Soil		0.4	44.4	1.9	43	<0.1	26.9	17.0	339	2.55	2.7	0.3	1.8	1.9	97	<0.1	0.1	<0.1	70	0.39	0.064
1055822	Soil		0.2	67.8	2.9	95	<0.1	39.3	28.0	753	5.14	2.7	0.5	0.9	3.1	100	0.1	<0.1	0.1	128	1.01	0.050
1055823	Soil		0.7	10.1	8.5	38	<0.1	10.5	5.9	306	1.72	4.7	0.2	0.5	1.0	15	<0.1	0.2	<0.1	37	0.16	0.019
1055824	Soil		1.0	52.3	6.7	61	<0.1	24.9	19.2	341	4.12	7.2	0.3	0.6	1.8	20	<0.1	0.4	<0.1	117	0.22	0.027
1055825	Soil		0.9	11.8	6.3	51	<0.1	28.6	12.3	744	3.04	5.8	0.2	0.8	1.2	23	<0.1	0.3	0.1	78	0.32	0.044
1055817	Soil		0.8	57.4	6.2	70	<0.1	25.2	16.2	315	3.58	7.9	0.3	1.5	1.4	24	<0.1	0.3	<0.1	111	0.26	0.052
1055826	Soil		1.0	18.0	7.2	44	<0.1	16.6	7.7	344	2.39	4.9	0.3	0.6	1.7	17	<0.1	0.4	0.1	72	0.17	0.027

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000614.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055944	Soil	20	31	0.77	233	0.117	<1	2.19	0.016	0.17	0.2	0.05	4.1	0.3	0.11	7	<0.5	<0.2
1055897	Soil	11	30	0.54	178	0.065	1	1.85	0.010	0.08	0.2	0.03	2.8	0.1	0.08	5	<0.5	<0.2
1055946	Soil	15	38	0.67	210	0.091	<1	2.10	0.013	0.08	0.5	0.07	3.4	0.1	0.06	6	<0.5	<0.2
1055898	Soil	19	29	0.48	141	0.068	1	1.39	0.010	0.05	0.2	0.03	3.7	0.1	<0.05	5	<0.5	<0.2
1055899	Soil	15	26	0.36	165	0.064	<1	1.69	0.009	0.05	0.2	0.04	2.7	0.2	0.08	7	<0.5	<0.2
1055900	Soil	13	29	0.47	132	0.082	<1	2.00	0.009	0.05	0.2	0.03	3.0	0.3	<0.05	7	<0.5	<0.2
1055939	Soil	20	29	0.55	195	0.084	<1	1.71	0.014	0.08	0.2	0.04	3.8	0.3	<0.05	6	<0.5	<0.2
1055941	Soil	15	27	0.51	152	0.077	1	1.42	0.011	0.06	0.3	0.02	2.9	0.2	<0.05	5	<0.5	<0.2
1055942	Soil	14	23	0.39	137	0.053	<1	1.49	0.010	0.06	0.2	0.03	1.9	0.2	<0.05	6	<0.5	<0.2
1055945	Soil	10	24	0.42	184	0.089	<1	1.50	0.010	0.07	0.2	0.03	2.3	0.2	<0.05	7	<0.5	<0.2
1055818	Soil	5	39	1.99	190	0.020	<1	3.06	0.016	0.05	0.3	<0.01	8.4	<0.1	<0.05	9	<0.5	<0.2
1055804	Soil	6	74	1.92	196	0.055	<1	3.54	0.008	0.04	<0.1	<0.01	2.8	<0.1	<0.05	13	<0.5	<0.2
1055805	Soil	4	29	1.64	387	0.170	<1	3.49	0.013	0.26	0.1	0.02	3.7	0.1	<0.05	10	<0.5	<0.2
1055806	Soil	14	22	0.37	188	0.025	<1	1.28	0.009	0.06	<0.1	0.02	2.3	<0.1	<0.05	3	<0.5	<0.2
1055807	Soil	6	24	1.95	195	0.056	<1	3.14	0.007	0.05	0.1	0.01	4.4	<0.1	<0.05	9	<0.5	<0.2
1055808	Soil	16	42	1.05	334	0.143	<1	2.60	0.018	0.11	0.1	0.04	5.0	<0.1	<0.05	8	<0.5	<0.2
1055813	Soil	3	20	1.13	184	0.080	<1	2.45	0.019	0.06	0.1	0.02	3.1	<0.1	0.07	7	<0.5	<0.2
1055812	Soil	5	34	0.86	278	0.125	<1	2.66	0.009	0.21	0.1	0.02	2.6	0.1	0.07	9	<0.5	<0.2
1055811	Soil	4	16	1.07	482	0.216	<1	3.14	0.008	0.82	0.2	<0.01	2.9	0.3	0.08	10	<0.5	<0.2
1055810	Soil	9	55	1.54	191	0.008	<1	2.20	0.010	0.07	0.7	0.04	9.8	<0.1	0.07	8	<0.5	<0.2
1055809	Soil	11	7	0.18	299	0.002	<1	1.09	0.003	0.10	1.3	0.04	21.3	0.2	0.05	5	<0.5	<0.2
1055819	Soil	2	11	1.30	276	0.185	<1	2.36	0.020	0.54	0.2	0.02	2.6	0.1	0.07	7	<0.5	<0.2
1055821	Soil	7	26	1.72	213	0.017	<1	2.98	0.032	0.08	0.4	0.02	15.8	<0.1	0.07	12	<0.5	<0.2
1055816	Soil	5	27	1.34	391	0.134	<1	2.04	0.018	0.39	0.1	0.01	2.6	0.1	0.09	5	<0.5	<0.2
1055822	Soil	7	62	3.49	90	0.041	<1	3.80	0.007	0.03	0.3	<0.01	9.8	<0.1	0.09	12	<0.5	<0.2
1055823	Soil	3	17	0.38	163	0.014	<1	1.56	0.008	0.08	0.1	0.02	1.6	<0.1	0.09	5	<0.5	<0.2
1055824	Soil	4	28	1.31	217	0.185	<1	3.19	0.013	0.28	0.1	0.01	2.2	0.1	0.08	8	<0.5	<0.2
1055825	Soil	6	66	0.75	305	0.036	<1	1.84	0.008	0.08	0.1	0.01	3.8	<0.1	0.09	8	<0.5	<0.2
1055817	Soil	5	30	1.15	209	0.153	1	2.69	0.016	0.12	0.2	0.01	3.3	<0.1	0.07	10	<0.5	<0.2
1055826	Soil	7	29	0.41	194	0.066	<1	1.49	0.010	0.05	<0.1	0.01	1.7	<0.1	0.06	6	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000614.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055827	Soil	0.7	13.9	5.5	54	<0.1	24.3	11.5	309	2.74	2.9	0.2	1.2	1.7	15	<0.1	0.4	0.1	71	0.22	0.028
1055802	Soil	0.2	31.5	2.0	52	<0.1	12.5	14.3	490	3.23	1.2	0.2	<0.5	3.1	47	<0.1	<0.1	<0.1	64	0.56	0.081
1055801	Soil	0.1	16.9	1.6	49	<0.1	14.2	14.0	525	2.82	0.9	0.2	<0.5	2.8	45	<0.1	<0.1	<0.1	65	0.59	0.068
1055803	Soil	0.2	45.7	2.1	62	<0.1	20.5	17.3	480	3.19	1.5	0.2	<0.5	1.1	51	<0.1	<0.1	<0.1	65	0.59	0.045
1055815	Soil	0.6	51.1	3.6	33	<0.1	22.2	12.6	255	2.72	3.9	0.2	<0.5	1.0	17	<0.1	0.1	<0.1	83	0.38	0.051
1055828	Soil	0.9	18.1	7.3	75	<0.1	33.6	18.2	635	3.14	3.4	0.3	0.5	1.9	30	<0.1	0.3	0.1	81	0.35	0.022
1055829	Soil	0.4	53.8	3.1	56	<0.1	28.3	20.5	372	3.48	2.8	0.2	0.5	2.3	38	<0.1	0.2	<0.1	90	0.58	0.055
1055830	Soil	0.7	113.9	4.2	59	<0.1	23.8	20.2	385	2.96	3.4	0.3	<0.5	1.6	27	<0.1	0.3	<0.1	72	0.34	0.030
1055820	Soil	0.2	145.5	2.2	48	<0.1	17.6	16.1	539	3.55	<0.5	0.7	0.6	2.5	17	<0.1	<0.1	<0.1	57	0.50	0.088
1055832	Soil	0.3	91.4	1.4	67	<0.1	16.6	19.2	422	3.75	0.9	0.2	1.0	0.3	31	<0.1	0.1	<0.1	123	0.78	0.164
1055831	Soil	0.9	12.0	10.1	67	<0.1	12.0	8.5	550	2.46	4.2	0.6	0.6	1.6	27	0.2	0.5	0.6	69	0.33	0.029
1055814	Soil	0.3	75.9	2.5	46	<0.1	27.2	16.9	355	2.80	2.2	0.2	<0.5	1.5	19	<0.1	0.2	<0.1	105	0.48	0.044
1055833	Soil	0.2	86.1	1.3	40	<0.1	17.6	13.4	301	2.57	1.4	0.2	<0.5	1.0	21	<0.1	0.1	<0.1	75	0.61	0.133
1055834	Soil	0.6	53.9	4.6	66	<0.1	28.3	18.7	384	3.58	5.0	0.3	1.4	2.2	30	<0.1	0.2	<0.1	92	0.45	0.045
1055835	Soil	0.4	68.0	2.9	68	<0.1	26.5	18.4	365	3.90	3.3	0.4	<0.5	2.6	50	<0.1	0.2	<0.1	97	0.58	0.035
1055951	Soil	0.7	21.5	8.0	58	0.1	18.2	11.9	273	3.09	4.8	1.2	2.4	4.2	33	<0.1	0.3	0.4	68	0.35	0.060
1055954	Soil	1.3	21.3	11.8	40	0.2	11.5	5.1	147	1.92	3.1	0.7	2.5	2.1	25	<0.1	0.3	0.3	54	0.21	0.026
1055972	Soil	1.3	25.0	9.2	50	<0.1	17.7	12.1	274	3.56	6.3	0.5	1.5	4.3	22	<0.1	0.4	0.3	77	0.22	0.065
1055960	Soil	0.9	27.6	8.5	58	<0.1	20.0	13.0	377	3.41	7.2	0.6	1.5	3.7	22	<0.1	0.4	1.0	72	0.30	0.050
1055973	Soil	1.4	22.6	8.5	51	<0.1	18.8	12.2	286	3.19	6.3	0.4	2.5	2.8	24	<0.1	0.3	0.5	75	0.25	0.046
1055977	Soil	1.1	25.6	8.8	46	<0.1	18.1	11.0	242	2.87	6.3	0.5	3.3	3.8	30	<0.1	0.3	1.7	68	0.30	0.056
1055965	Soil	1.0	22.7	7.8	64	<0.1	20.7	12.5	364	2.85	4.9	0.8	<0.5	4.1	34	<0.1	0.3	0.4	62	0.58	0.060
1055955	Soil	1.1	21.1	9.9	61	<0.1	19.2	11.0	357	3.25	7.0	0.7	2.1	3.0	38	0.2	0.3	0.4	80	0.32	0.056
1055975	Soil	1.3	35.0	7.9	67	<0.1	27.6	17.4	391	3.67	5.2	0.3	2.1	2.8	28	<0.1	0.2	4.5	84	0.32	0.091
1055961	Soil	6.5	52.4	20.4	80	0.4	24.1	36.9	1683	5.52	11.0	0.9	3.2	3.0	36	0.2	0.4	5.8	128	0.56	0.084
1055968	Soil	1.5	42.1	8.5	93	<0.1	32.6	24.9	608	4.49	2.8	0.5	<0.5	4.9	44	0.1	0.2	1.8	93	0.60	0.135
1055979	Soil	1.6	30.1	7.6	66	<0.1	23.0	17.0	402	3.24	4.2	0.5	1.4	4.4	47	<0.1	0.2	1.9	70	0.53	0.069
1055966	Soil	0.8	26.6	8.7	66	<0.1	24.0	12.4	345	2.87	5.6	0.9	4.3	5.1	29	<0.1	0.4	0.3	63	0.45	0.058
1054333	Soil	1.4	21.8	8.5	81	0.1	15.2	14.5	501	3.42	6.4	1.0	8.9	2.9	24	0.1	0.3	0.1	63	0.41	0.075
1054319	Soil	1.4	24.0	24.2	53	0.1	18.8	8.8	530	2.47	7.6	4.6	4.8	2.1	20	0.1	0.6	0.5	57	0.36	0.046

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000614.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055827	Soil	4	36	0.80	170	0.074	<1	1.82	0.014	0.04	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
1055802	Soil	10	22	1.25	252	0.061	<1	2.26	0.013	0.06	0.2	<0.01	4.1	<0.1	<0.05	7	<0.5	<0.2
1055801	Soil	8	31	1.07	241	0.071	<1	1.99	0.018	0.09	0.1	<0.01	4.9	<0.1	<0.05	6	<0.5	<0.2
1055803	Soil	4	20	1.67	331	0.119	<1	2.97	0.011	0.39	<0.1	<0.01	1.9	0.1	<0.05	7	<0.5	<0.2
1055815	Soil	3	42	1.15	137	0.058	<1	2.19	0.022	0.03	0.3	0.01	4.6	<0.1	<0.05	6	<0.5	<0.2
1055828	Soil	6	52	0.86	430	0.096	<1	2.38	0.013	0.09	<0.1	0.02	3.1	<0.1	<0.05	8	<0.5	<0.2
1055829	Soil	5	30	1.61	312	0.171	<1	2.67	0.016	0.14	<0.1	0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1055830	Soil	5	34	0.85	166	0.043	<1	2.14	0.014	0.08	0.1	0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1055820	Soil	10	7	0.37	422	0.006	<1	1.50	0.007	0.15	<0.1	<0.01	7.0	<0.1	<0.05	5	<0.5	<0.2
1055832	Soil	2	98	1.88	488	0.126	<1	2.27	0.021	0.48	<0.1	0.01	4.7	0.1	<0.05	7	<0.5	<0.2
1055831	Soil	7	24	0.37	296	0.034	<1	1.71	0.011	0.07	0.3	0.01	2.1	<0.1	<0.05	6	<0.5	<0.2
1055814	Soil	2	20	1.05	305	0.144	<1	2.19	0.027	0.17	<0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2
1055833	Soil	2	34	1.10	285	0.104	<1	1.68	0.026	0.34	<0.1	<0.01	3.5	<0.1	<0.05	5	<0.5	<0.2
1055834	Soil	4	46	1.54	306	0.148	<1	2.55	0.015	0.43	0.1	<0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1055835	Soil	13	48	1.37	278	0.099	<1	2.33	0.017	0.14	0.1	0.01	5.9	<0.1	<0.05	7	<0.5	<0.2
1055951	Soil	15	36	0.90	225	0.105	1	2.24	0.014	0.12	0.2	0.06	5.0	0.1	<0.05	6	<0.5	<0.2
1055954	Soil	10	26	0.40	161	0.087	<1	1.54	0.012	0.09	0.1	0.03	2.7	0.1	<0.05	7	<0.5	<0.2
1055972	Soil	8	42	0.84	99	0.129	<1	2.50	0.014	0.14	0.5	0.04	2.5	0.2	<0.05	7	<0.5	<0.2
1055960	Soil	10	34	0.78	220	0.113	2	2.36	0.014	0.09	1.2	0.02	3.8	0.2	<0.05	7	<0.5	<0.2
1055973	Soil	8	53	0.78	128	0.132	1	1.83	0.012	0.12	0.5	0.02	2.3	0.1	<0.05	7	<0.5	<0.2
1055977	Soil	10	36	0.67	132	0.116	1	1.95	0.012	0.18	1.1	0.01	2.9	0.2	<0.05	7	<0.5	<0.2
1055965	Soil	14	35	0.80	236	0.099	2	2.06	0.016	0.06	0.5	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1055955	Soil	10	38	0.81	173	0.114	1	2.22	0.012	0.12	0.2	0.03	3.8	0.1	<0.05	8	<0.5	<0.2
1055975	Soil	8	66	1.28	146	0.192	2	2.21	0.013	0.37	1.6	0.02	2.2	0.3	<0.05	7	<0.5	<0.2
1055961	Soil	11	42	0.70	363	0.122	2	3.35	0.011	0.15	6.3	0.04	4.8	0.3	<0.05	11	<0.5	<0.2
1055968	Soil	11	80	1.81	288	0.228	<1	2.87	0.014	0.71	0.4	<0.01	3.3	0.7	<0.05	9	<0.5	<0.2
1055979	Soil	9	45	1.02	143	0.156	2	2.33	0.020	0.13	1.3	0.02	2.8	0.2	<0.05	7	<0.5	<0.2
1055966	Soil	15	39	0.79	254	0.089	1	1.97	0.016	0.06	0.5	0.04	4.9	<0.1	<0.05	6	<0.5	<0.2
1054333	Soil	11	25	0.91	233	0.116	1	2.09	0.012	0.16	0.1	0.02	3.2	0.1	<0.05	6	<0.5	<0.2
1054319	Soil	12	30	0.52	189	0.050	1	1.58	0.011	0.05	0.2	0.05	3.0	<0.1	<0.05	5	<0.5	<0.2

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Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000614.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010098	Soil	1.5	25.6	8.8	93	0.1	20.8	15.6	544	3.84	4.2	0.8	1.7	3.3	29	0.1	0.2	0.1	72	0.49	0.081
1054334	Soil	1.9	28.4	9.0	95	0.1	12.3	14.5	440	3.83	4.0	1.0	2.8	3.1	26	<0.1	0.2	0.1	77	0.45	0.101
1010099	Soil	1.5	17.8	7.5	65	0.2	12.5	10.3	367	2.91	4.5	0.7	1.5	1.9	21	<0.1	0.2	0.1	64	0.29	0.061
1010100	Soil	0.8	21.7	5.9	62	0.2	11.0	9.3	294	2.57	2.0	0.7	0.9	1.6	22	<0.1	0.1	<0.1	52	0.32	0.055
1054315	Soil	0.8	15.7	17.2	59	<0.1	18.0	9.9	464	2.66	6.5	2.1	2.6	1.9	16	0.1	0.5	0.3	61	0.21	0.046
1054314	Soil	0.6	15.5	7.9	69	0.1	19.0	13.1	556	2.92	4.8	0.7	4.1	1.4	20	0.1	0.3	0.2	61	0.30	0.075
1054317	Soil	0.7	17.3	8.2	76	<0.1	21.6	15.0	573	3.30	7.5	0.7	4.8	1.7	25	0.1	0.3	0.4	77	0.34	0.059
1054327	Soil	1.3	27.3	10.2	62	0.3	17.1	10.0	260	2.82	7.5	1.4	6.3	1.4	31	0.1	0.3	0.2	69	0.38	0.049
1054329	Soil	3.4	26.3	14.6	85	0.3	17.9	15.2	566	3.21	10.1	1.2	4.8	2.3	27	0.1	0.3	0.2	71	0.38	0.077
1054330	Soil	2.7	31.8	14.9	90	0.1	15.6	17.7	521	4.06	7.4	0.9	8.0	3.3	22	0.1	0.2	0.4	104	0.40	0.099
1054331	Soil	2.1	40.0	7.5	76	0.2	30.7	16.4	392	3.72	5.9	3.8	8.3	2.5	45	0.1	0.2	0.2	89	0.72	0.065
1054332	Soil	2.9	28.9	10.4	74	0.2	13.7	12.8	360	3.34	7.4	2.2	6.1	2.0	20	0.1	0.2	0.2	82	0.36	0.078
1054318	Soil	0.7	18.5	7.8	61	<0.1	24.9	11.8	369	2.65	7.5	0.9	8.3	1.1	27	<0.1	0.3	0.2	66	0.38	0.067
1054316	Soil	0.6	17.5	8.7	79	<0.1	23.1	15.5	609	3.37	8.3	0.7	3.0	1.8	24	<0.1	0.3	0.2	83	0.35	0.060
1054301	Soil	1.4	23.3	10.0	50	0.2	15.5	5.7	151	2.18	3.1	0.9	8.0	1.8	25	0.1	0.2	0.2	54	0.19	0.058
1054313	Soil	0.9	16.3	9.1	57	<0.1	15.0	8.7	308	2.78	6.0	0.8	2.1	0.5	18	<0.1	0.2	0.2	80	0.26	0.060
1054312	Soil	0.7	29.6	11.0	63	<0.1	21.4	11.5	418	3.21	7.3	1.7	5.3	2.3	22	0.1	0.4	0.2	76	0.37	0.069
1054311	Soil	0.7	16.0	7.5	71	<0.1	17.2	13.1	593	3.42	7.1	0.7	8.9	1.7	16	<0.1	0.3	0.1	87	0.27	0.075
1054309	Soil	0.9	19.5	8.1	68	0.1	14.9	10.0	594	3.09	6.1	0.7	6.9	1.3	17	0.2	0.3	0.2	93	0.25	0.071
1054308	Soil	0.8	23.4	9.0	79	0.2	16.8	13.5	701	3.65	5.0	0.7	2.9	1.3	16	0.2	0.3	0.2	111	0.22	0.056
1054307	Soil	0.8	34.0	7.5	84	0.2	16.9	12.9	574	3.86	6.6	0.7	1.5	2.1	17	0.1	0.4	0.1	82	0.24	0.068
1054310	Soil	0.7	14.9	7.9	68	<0.1	16.6	13.1	598	3.44	6.5	0.6	2.3	1.8	17	0.1	0.3	0.2	76	0.29	0.073
1054306	Soil	0.6	42.1	7.8	60	0.3	21.3	16.1	351	2.99	4.0	2.2	3.5	1.0	22	0.2	0.3	0.1	55	0.28	0.106
1054305	Soil	0.8	28.9	17.4	66	<0.1	18.5	10.3	419	3.51	6.0	1.5	8.6	6.3	20	0.1	0.4	0.3	69	0.26	0.084
1054304	Soil	0.8	19.0	7.4	53	<0.1	15.8	10.2	349	2.87	6.1	1.0	3.2	0.8	19	0.2	0.5	0.1	53	0.28	0.128
1054303	Soil	1.3	14.5	10.5	48	<0.1	7.6	6.0	360	2.91	3.7	0.7	1.3	1.7	16	0.1	0.3	0.2	73	0.13	0.042
1054302	Soil	1.0	19.1	10.5	47	<0.1	6.0	5.8	252	2.05	2.5	0.9	0.7	1.4	12	0.1	0.2	0.3	42	0.13	0.049
1054326	Soil	1.2	16.4	8.5	68	0.1	19.0	11.3	369	3.21	8.9	0.6	1.5	2.2	27	<0.1	0.4	0.1	77	0.25	0.049
1054325	Soil	0.9	18.9	7.3	76	0.1	20.2	15.0	476	3.85	6.9	0.5	2.9	2.5	23	<0.1	0.3	0.1	90	0.27	0.050
1054324	Soil	1.0	37.9	6.7	64	0.2	13.7	13.1	393	3.70	5.2	0.7	3.7	1.9	30	<0.1	0.3	0.1	72	0.22	0.074

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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010098	Soil	12	38	0.99	204	0.142	<1	2.01	0.011	0.30	0.1	0.03	2.6	0.2	<0.05	7	<0.5	<0.2
1054334	Soil	11	22	0.84	231	0.160	1	2.08	0.011	0.36	<0.1	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1010099	Soil	9	26	0.67	229	0.104	2	1.68	0.012	0.10	0.1	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
1010100	Soil	11	22	0.63	225	0.103	1	1.59	0.011	0.18	0.1	0.05	2.5	0.2	<0.05	5	<0.5	<0.2
1054315	Soil	12	30	0.61	171	0.058	1	1.90	0.007	0.05	0.2	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
1054314	Soil	10	25	0.80	255	0.088	<1	1.87	0.009	0.14	0.2	0.04	3.4	0.2	<0.05	6	<0.5	<0.2
1054317	Soil	10	31	1.14	281	0.094	<1	2.17	0.008	0.11	0.2	0.02	4.3	0.2	0.05	7	<0.5	<0.2
1054327	Soil	9	23	0.57	249	0.090	1	1.77	0.016	0.16	0.1	0.04	2.6	0.1	<0.05	6	0.5	<0.2
1054329	Soil	12	28	0.71	296	0.093	<1	1.88	0.010	0.14	0.1	0.04	2.8	0.2	<0.05	6	0.8	<0.2
1054330	Soil	9	26	0.89	205	0.146	<1	2.10	0.009	0.43	0.1	0.02	3.8	0.3	<0.05	7	<0.5	<0.2
1054331	Soil	17	55	1.02	176	0.136	<1	1.93	0.011	0.30	<0.1	0.03	4.9	0.2	<0.05	6	0.9	<0.2
1054332	Soil	10	24	0.71	208	0.119	<1	1.87	0.010	0.18	0.2	0.03	3.4	0.1	<0.05	6	0.8	<0.2
1054318	Soil	10	33	0.86	246	0.060	1	1.89	0.009	0.05	0.1	0.04	3.1	<0.1	<0.05	6	<0.5	<0.2
1054316	Soil	10	32	1.16	286	0.102	<1	2.28	0.008	0.12	0.2	0.02	4.6	0.1	<0.05	7	0.8	<0.2
1054301	Soil	10	32	0.68	266	0.102	1	1.51	0.010	0.11	<0.1	0.07	2.2	0.2	0.08	6	1.4	<0.2
1054313	Soil	9	26	0.60	183	0.069	1	1.54	0.007	0.10	0.1	0.03	2.4	0.2	<0.05	6	<0.5	<0.2
1054312	Soil	13	30	0.72	266	0.091	<1	1.81	0.010	0.10	0.1	0.02	3.8	0.2	<0.05	6	<0.5	<0.2
1054311	Soil	10	29	0.78	179	0.108	<1	1.73	0.009	0.18	<0.1	0.03	3.6	0.2	<0.05	6	<0.5	<0.2
1054309	Soil	10	24	0.56	180	0.124	<1	1.45	0.009	0.17	0.1	0.06	3.5	0.1	<0.05	7	<0.5	<0.2
1054308	Soil	8	26	0.90	312	0.170	<1	1.92	0.013	0.43	0.1	0.03	4.9	0.2	<0.05	9	<0.5	<0.2
1054307	Soil	10	26	0.95	240	0.151	2	2.12	0.011	0.41	0.2	0.03	3.7	0.3	<0.05	7	0.7	<0.2
1054310	Soil	10	27	0.85	225	0.103	1	1.92	0.010	0.18	0.1	0.02	3.5	0.2	<0.05	6	0.6	<0.2
1054306	Soil	21	29	0.74	378	0.065	1	1.76	0.011	0.25	0.1	0.06	3.5	0.2	0.09	5	1.0	<0.2
1054305	Soil	15	33	0.79	210	0.115	<1	1.85	0.020	0.21	0.2	0.03	2.7	0.2	<0.05	6	<0.5	<0.2
1054304	Soil	16	26	0.63	193	0.047	1	1.92	0.009	0.18	0.1	0.04	1.5	0.2	0.07	5	<0.5	<0.2
1054303	Soil	7	20	0.44	166	0.164	<1	1.29	0.008	0.14	<0.1	0.05	1.2	0.2	<0.05	9	0.6	<0.2
1054302	Soil	9	13	0.25	136	0.058	<1	0.95	0.010	0.15	<0.1	0.03	1.0	0.1	0.06	5	<0.5	<0.2
1054326	Soil	10	31	0.71	252	0.099	2	2.02	0.010	0.11	0.1	0.03	2.6	0.1	<0.05	7	<0.5	<0.2
1054325	Soil	8	26	1.04	217	0.165	1	2.41	0.012	0.21	0.2	0.01	3.3	0.1	<0.05	8	0.7	<0.2
1054324	Soil	8	22	0.87	257	0.120	<1	2.24	0.022	0.29	0.2	0.02	2.9	0.2	0.14	6	1.1	<0.2

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Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000614.1

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054328	Soil	2.1	33.5	14.4	86	0.2	15.2	13.5	535	3.09	14.0	4.4	4.6	3.6	25	0.2	0.3	0.2	61	0.32	0.067
1054323	Soil	0.8	27.5	9.0	81	<0.1	31.3	17.9	648	3.88	7.4	0.6	2.8	2.9	29	0.2	0.3	0.1	82	0.30	0.072
1054322	Soil	0.9	29.2	7.4	69	0.1	18.3	13.8	446	3.44	7.6	0.6	4.4	2.4	22	0.1	0.4	0.1	70	0.24	0.067
1054321	Soil	1.0	50.2	9.0	73	0.2	19.2	12.9	509	3.66	6.3	1.1	1.9	1.7	47	0.2	0.4	0.2	71	0.34	0.076
1054320	Soil	1.0	30.1	9.4	68	0.1	17.9	10.7	539	2.79	6.9	0.9	3.4	1.4	22	0.1	0.3	0.2	61	0.30	0.078
1055953	Soil	0.7	19.7	7.0	59	<0.1	16.5	9.5	365	2.76	6.3	0.6	1.9	2.6	33	<0.1	0.3	0.2	58	0.30	0.058
1055978	Soil	1.8	37.4	8.2	57	0.2	19.6	14.3	346	2.88	4.1	0.6	3.3	4.0	38	0.1	0.2	1.7	59	0.42	0.073
1055962	Soil	1.7	32.5	13.0	89	<0.1	26.9	20.7	670	5.31	5.9	1.5	<0.5	10.5	40	<0.1	0.7	0.6	91	0.69	0.081
1055967	Soil	0.8	15.8	8.5	51	<0.1	16.7	8.6	229	2.55	6.8	0.6	2.0	2.8	20	0.1	0.3	0.2	58	0.25	0.040
1055957	Soil	1.3	28.7	10.9	67	0.1	21.5	13.7	448	3.59	9.3	0.8	1.8	3.3	31	<0.1	0.4	0.4	84	0.32	0.049
1055956	Soil	0.8	18.6	9.3	62	<0.1	19.8	11.9	407	3.62	8.3	0.6	5.5	3.8	31	0.1	0.4	0.2	75	0.24	0.054
1055958	Soil	0.7	19.3	7.7	52	<0.1	16.5	11.5	387	2.89	5.7	0.6	2.7	3.0	34	<0.1	0.3	0.2	66	0.34	0.038
1055964	Soil	1.4	42.6	9.6	84	0.2	25.9	17.5	700	3.96	4.8	1.9	2.6	9.6	42	<0.1	0.3	0.8	81	0.70	0.071
1055969	Soil	1.7	28.1	7.5	61	<0.1	21.7	15.9	407	3.30	6.4	0.6	1.9	4.8	32	<0.1	0.3	2.0	71	0.36	0.078
1055963	Soil	0.8	24.2	8.0	78	<0.1	23.8	17.3	584	3.71	4.1	0.8	2.4	6.4	40	<0.1	0.2	1.8	76	0.58	0.079
1055959	Soil	0.8	23.9	7.6	57	<0.1	16.3	10.7	353	2.89	5.7	0.6	2.6	3.1	24	<0.1	0.3	0.2	63	0.28	0.054
1055952	Soil	0.9	11.7	9.1	49	<0.1	14.3	7.0	242	2.82	7.5	0.6	2.0	3.0	22	<0.1	0.3	0.4	66	0.22	0.034
1055981	Soil	5.3	33.1	6.6	63	0.1	18.3	14.9	461	3.16	4.2	0.7	1.4	3.4	46	<0.1	0.2	9.9	77	0.62	0.123
1055976	Soil	1.4	26.1	6.6	63	<0.1	23.7	16.8	366	3.49	4.3	0.3	1.6	3.3	32	<0.1	0.2	2.3	71	0.31	0.094
1055980	Soil	1.6	20.6	8.7	53	<0.1	18.3	11.2	322	3.03	6.3	0.7	1.5	3.8	30	<0.1	0.3	1.1	71	0.33	0.063
1055971	Soil	1.6	38.4	8.5	63	0.3	27.2	17.0	416	4.11	5.1	0.3	0.9	2.8	23	0.2	0.2	0.9	86	0.29	0.089
1055974	Soil	0.9	29.1	11.1	34	0.1	13.3	6.3	154	2.22	3.5	0.6	1.3	1.3	28	0.1	0.2	0.9	49	0.23	0.063
1055970	Soil	0.9	45.8	4.6	97	<0.1	40.7	28.6	801	4.73	3.2	0.5	1.7	5.2	75	<0.1	0.2	0.4	85	0.54	0.145
1013500	Soil	0.5	72.5	2.9	90	<0.1	40.8	31.4	947	5.03	3.9	0.7	1.2	1.8	51	<0.1	0.1	0.6	107	0.78	0.075
1055856	Soil	0.6	17.8	76.6	81	<0.1	15.8	8.2	1225	2.61	4.0	5.1	1.7	75.4	15	<0.1	0.2	1.0	47	0.29	0.071
1055857	Soil	0.7	24.1	67.2	47	<0.1	16.4	4.0	72	1.83	3.1	2.6	0.6	70.5	14	<0.1	0.3	6.5	27	0.26	0.057
1055858	Soil	0.4	11.1	30.4	31	<0.1	6.8	2.8	83	0.92	1.8	4.8	4.0	45.7	10	<0.1	0.1	8.2	16	0.14	0.035
1055859	Soil	1.4	33.6	79.0	79	<0.1	23.6	8.5	624	2.83	8.7	5.9	0.8	74.6	19	<0.1	0.3	11.7	40	0.29	0.061
1055860	Soil	0.8	24.0	10.9	45	<0.1	15.6	10.0	734	2.29	7.5	1.4	26.7	9.4	49	0.1	0.4	0.8	52	0.99	0.073
1055861	Soil	1.1	15.6	45.5	45	<0.1	7.0	3.3	616	1.79	8.1	5.0	<0.5	60.4	11	<0.1	0.2	4.7	19	0.12	0.029

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054328	Soil	17	27	0.69	215	0.065	<1	1.95	0.010	0.11	0.2	0.03	3.4	0.1	<0.05	6	0.8	<0.2
1054323	Soil	8	49	1.19	219	0.130	1	2.63	0.016	0.28	0.1	0.02	3.1	0.2	<0.05	7	<0.5	<0.2
1054322	Soil	9	27	0.79	212	0.113	1	2.18	0.011	0.21	0.2	0.01	3.3	0.2	<0.05	6	0.6	<0.2
1054321	Soil	21	33	0.88	289	0.085	1	2.38	0.011	0.21	0.1	0.03	3.4	0.2	<0.05	8	0.6	<0.2
1054320	Soil	10	30	0.72	177	0.083	1	1.75	0.012	0.14	0.1	0.02	2.2	0.1	<0.05	6	<0.5	<0.2
1055953	Soil	10	26	0.74	180	0.090	1	1.96	0.011	0.12	0.2	0.02	2.7	0.1	<0.05	6	<0.5	<0.2
1055978	Soil	13	42	0.87	156	0.132	1	2.02	0.014	0.19	2.8	0.02	2.3	0.2	<0.05	6	<0.5	<0.2
1055962	Soil	19	65	1.01	277	0.073	1	2.47	0.010	0.16	1.2	<0.01	6.9	0.3	<0.05	9	<0.5	<0.2
1055967	Soil	11	27	0.53	169	0.068	2	1.75	0.010	0.05	0.2	0.02	2.6	0.1	<0.05	6	0.5	<0.2
1055957	Soil	11	37	0.77	242	0.100	2	2.89	0.013	0.08	0.3	0.02	4.0	0.1	<0.05	9	<0.5	<0.2
1055956	Soil	10	32	0.79	167	0.103	1	2.69	0.011	0.09	0.3	0.02	3.8	0.1	<0.05	8	<0.5	<0.2
1055958	Soil	10	27	0.73	183	0.081	<1	1.92	0.013	0.05	0.2	0.02	3.6	<0.1	<0.05	6	<0.5	<0.2
1055964	Soil	44	48	1.17	250	0.118	2	2.58	0.016	0.14	1.4	0.05	7.1	0.2	<0.05	8	0.6	<0.2
1055969	Soil	10	43	0.88	190	0.127	<1	2.13	0.013	0.14	0.7	<0.01	3.2	0.2	<0.05	7	<0.5	<0.2
1055963	Soil	18	50	1.38	182	0.159	2	2.43	0.012	0.25	0.9	0.02	3.4	0.2	0.05	8	<0.5	<0.2
1055959	Soil	10	25	0.79	215	0.105	2	2.02	0.012	0.13	1.2	0.02	3.0	0.2	<0.05	6	<0.5	<0.2
1055952	Soil	10	26	0.61	141	0.097	2	1.68	0.010	0.07	0.2	0.02	2.5	0.1	<0.05	7	0.6	<0.2
1055981	Soil	8	29	1.01	179	0.172	1	2.30	0.019	0.25	2.8	0.04	3.2	0.2	0.05	9	<0.5	<0.2
1055976	Soil	5	52	1.25	136	0.197	2	2.23	0.012	0.34	2.2	<0.01	1.6	0.3	<0.05	8	0.6	<0.2
1055980	Soil	13	32	0.71	145	0.122	2	2.17	0.013	0.11	0.8	0.01	2.7	0.1	<0.05	8	<0.5	<0.2
1055971	Soil	6	58	1.25	114	0.198	1	2.54	0.015	0.30	0.8	0.02	2.0	0.3	0.08	8	0.6	<0.2
1055974	Soil	10	28	0.47	162	0.091	2	1.48	0.012	0.09	0.4	0.03	1.6	0.2	0.05	7	<0.5	<0.2
1055970	Soil	8	109	2.27	279	0.237	1	3.59	0.012	0.83	1.1	0.01	2.7	0.6	<0.05	8	0.6	<0.2
1013500	Soil	4	64	2.34	218	0.152	2	3.01	0.015	0.04	0.9	0.01	6.5	<0.1	<0.05	9	0.5	<0.2
1055856	Soil	25	19	0.54	201	0.011	2	1.68	0.009	0.16	7.6	0.02	4.8	0.2	<0.05	8	<0.5	<0.2
1055857	Soil	38	18	0.15	48	0.006	2	1.34	0.009	0.10	1.6	0.03	4.6	0.2	<0.05	4	<0.5	<0.2
1055858	Soil	27	12	0.12	69	0.012	3	0.79	0.010	0.07	0.4	<0.01	2.7	0.1	<0.05	3	<0.5	<0.2
1055859	Soil	44	23	0.35	136	0.020	3	1.56	0.010	0.10	1.0	0.04	5.6	0.2	<0.05	7	<0.5	<0.2
1055860	Soil	12	26	0.51	163	0.053	2	1.11	0.021	0.05	0.5	0.03	3.0	<0.1	<0.05	4	<0.5	<0.2
1055861	Soil	42	10	0.13	66	0.007	1	1.00	0.007	0.09	0.8	0.03	3.6	0.1	<0.05	3	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055862	Soil	0.7	20.7	71.7	77	<0.1	10.4	6.0	1087	2.46	5.8	7.7	1.3	97.2	14	<0.1	0.2	14.4	29	0.18	0.046
1055863	Soil	0.5	20.9	51.5	92	<0.1	14.7	6.5	1064	2.75	4.8	7.5	1.1	96.5	17	0.1	0.3	8.5	39	0.25	0.049
1055865	Soil	0.5	9.2	47.1	29	<0.1	10.0	2.9	522	1.12	3.9	4.6	0.6	50.0	13	<0.1	0.2	1.4	14	0.12	0.018
1055864	Soil	0.5	17.9	57.5	52	<0.1	12.8	5.5	581	1.88	5.7	7.0	1.1	62.0	14	<0.1	0.3	3.4	27	0.16	0.026
1055869	Soil	0.8	26.0	80.4	81	<0.1	12.1	6.0	1170	2.19	7.5	9.0	1.3	98.0	14	0.1	0.2	3.6	27	0.24	0.074
1055868	Soil	0.8	30.1	50.2	59	<0.1	16.6	6.6	1122	2.11	6.4	5.9	3.8	52.2	20	<0.1	0.3	5.3	34	0.26	0.038
1055870	Soil	0.6	33.1	10.4	57	<0.1	23.8	10.7	534	2.38	6.8	2.3	2.9	5.9	52	0.3	0.6	0.2	53	1.00	0.066
1055871	Soil	0.5	15.3	37.3	54	<0.1	9.6	5.3	933	1.78	4.6	7.3	<0.5	63.8	12	0.1	0.2	1.9	28	0.23	0.064
1055873	Soil	1.1	11.0	44.4	49	<0.1	7.6	3.6	842	1.54	4.7	7.2	<0.5	53.4	15	<0.1	0.3	2.9	14	0.18	0.035
1055872	Soil	1.0	16.3	36.0	53	<0.1	6.7	3.6	819	1.55	5.6	7.1	3.2	69.5	10	<0.1	0.4	3.0	20	0.09	0.018
1055874	Soil	0.6	21.2	38.9	58	<0.1	17.1	5.4	796	1.98	6.7	3.9	2.2	49.0	21	<0.1	0.4	1.7	31	0.27	0.043
1055876	Soil	4.3	17.0	177.7	40	0.1	10.6	4.3	841	1.43	5.8	5.1	6.2	46.1	13	0.2	0.6	36.8	21	0.13	0.027
1055875	Soil	0.9	9.7	81.0	51	<0.1	8.9	3.5	856	1.51	5.7	6.5	4.4	68.4	11	0.1	0.3	1.5	18	0.13	0.032
1055878	Soil	0.3	24.6	4.6	72	<0.1	8.9	18.5	864	3.98	4.1	1.8	1.9	9.6	28	<0.1	0.1	0.2	87	0.97	0.046
1055877	Soil	0.3	35.1	8.5	79	<0.1	33.0	21.6	1156	4.35	2.3	2.0	2.5	9.1	55	0.1	0.2	0.2	95	4.70	0.081
1055879	Soil	0.3	30.5	4.7	78	<0.1	10.0	18.9	869	4.51	5.0	1.4	2.9	9.9	28	<0.1	0.2	<0.1	97	1.00	0.050
1013498	Soil	0.5	76.4	8.9	86	<0.1	35.8	29.0	954	4.83	3.5	0.6	1.0	1.8	44	<0.1	0.2	13.2	110	0.79	0.079
1013497	Soil	0.6	43.4	7.9	67	<0.1	28.8	13.8	499	2.90	7.5	0.6	2.7	3.7	46	0.1	0.5	0.2	68	0.97	0.069
1055867	Soil	2.1	23.0	90.1	80	<0.1	16.1	8.9	365	3.43	11.8	3.1	0.7	90.4	19	0.1	0.3	1.2	57	0.36	0.082
1055853	Soil	1.0	89.3	2.8	89	<0.1	12.8	20.2	1045	5.27	2.5	1.1	1.6	2.5	36	0.1	0.2	0.2	112	0.66	0.098
1055855	Soil	0.6	15.9	28.8	28	<0.1	7.9	4.6	187	1.50	2.5	2.3	2.2	30.6	19	<0.1	0.3	0.5	29	0.26	0.036
1010187	Soil	1.1	67.2	3.5	79	<0.1	10.9	22.3	806	5.52	3.0	0.8	0.7	2.1	49	0.1	0.2	1.3	97	0.81	0.094
1055852	Soil	1.4	120.4	3.5	88	0.1	39.2	31.3	671	5.88	4.9	2.2	0.7	2.2	57	0.1	0.1	0.7	153	0.96	0.097
1055762	Soil	1.7	88.2	4.5	99	<0.1	35.2	25.0	627	5.18	6.2	3.4	16.6	3.3	58	<0.1	0.3	0.6	140	0.95	0.077
1013499	Soil	0.5	80.6	5.6	89	<0.1	37.0	30.1	1099	4.74	2.8	0.6	1.8	1.7	47	<0.1	0.2	7.0	106	0.81	0.077
1010188	Soil	0.5	49.2	7.1	57	0.1	30.3	12.0	407	2.69	7.2	1.3	3.0	2.9	57	<0.1	0.5	0.2	64	0.89	0.051
1055851	Soil	3.2	105.5	4.5	102	<0.1	39.2	32.3	780	6.18	5.3	4.0	1.2	3.2	91	<0.1	0.3	0.3	130	0.93	0.068
1055761	Soil	0.7	51.9	8.3	62	<0.1	30.6	14.0	452	2.99	6.9	0.7	3.1	3.6	49	0.1	0.5	0.2	74	0.72	0.046

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

CERTIFICATE OF ANALYSIS WHI11000614.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055862	Soil	53	16	0.35	38	0.018	2	1.28	0.010	0.26	1.1	0.02	5.9	0.3	<0.05	7	<0.5	<0.2
1055863	Soil	53	20	0.49	76	0.036	1	1.50	0.009	0.33	1.2	0.02	6.6	0.4	<0.05	8	<0.5	<0.2
1055865	Soil	25	10	0.12	62	0.007	3	0.77	0.009	0.10	0.8	0.02	2.8	0.1	<0.05	2	<0.5	<0.2
1055864	Soil	41	15	0.15	65	0.012	1	1.03	0.008	0.11	0.8	0.03	4.6	0.2	<0.05	4	<0.5	<0.2
1055869	Soil	49	12	0.31	110	0.028	2	1.26	0.011	0.19	0.7	0.04	6.2	0.5	<0.05	6	<0.5	<0.2
1055868	Soil	32	18	0.29	158	0.037	2	1.07	0.018	0.09	0.5	0.05	5.2	0.2	<0.05	4	<0.5	<0.2
1055870	Soil	13	27	0.54	243	0.071	3	1.49	0.028	0.06	0.3	0.04	3.8	<0.1	<0.05	4	<0.5	<0.2
1055871	Soil	43	12	0.22	71	0.027	1	0.85	0.012	0.13	0.9	0.03	5.4	0.3	<0.05	4	<0.5	<0.2
1055873	Soil	43	8	0.12	47	0.004	1	0.91	0.006	0.09	0.6	0.07	4.0	0.2	<0.05	3	<0.5	<0.2
1055872	Soil	39	9	0.21	35	0.019	<1	0.80	0.008	0.11	0.7	0.04	4.2	0.3	<0.05	4	<0.5	<0.2
1055874	Soil	32	18	0.26	100	0.029	2	1.06	0.016	0.08	0.4	0.05	4.5	0.1	<0.05	4	<0.5	<0.2
1055876	Soil	34	12	0.17	74	0.016	2	0.84	0.009	0.08	0.3	0.19	3.4	0.2	<0.05	3	<0.5	0.3
1055875	Soil	46	9	0.11	40	0.008	<1	0.75	0.009	0.09	0.5	0.04	3.6	0.1	<0.05	3	<0.5	<0.2
1055878	Soil	42	16	1.42	60	0.029	<1	2.41	0.013	0.04	0.2	0.03	7.7	<0.1	<0.05	9	<0.5	<0.2
1055877	Soil	27	57	1.96	60	0.028	2	2.56	0.012	0.08	0.3	0.03	10.0	<0.1	<0.05	9	<0.5	<0.2
1055879	Soil	50	17	1.48	54	0.018	1	2.50	0.012	0.04	0.2	0.03	8.5	<0.1	<0.05	9	<0.5	<0.2
1013498	Soil	4	52	2.11	377	0.172	1	2.75	0.023	0.30	0.8	0.02	7.0	0.1	<0.05	9	<0.5	<0.2
1013497	Soil	11	34	0.91	220	0.104	2	1.59	0.036	0.10	0.2	0.02	4.2	<0.1	<0.05	5	<0.5	<0.2
1055867	Soil	45	21	0.34	146	0.022	1	1.16	0.015	0.14	3.4	0.02	5.9	0.2	<0.05	5	<0.5	<0.2
1055853	Soil	6	19	1.55	346	0.167	<1	2.62	0.014	0.91	1.2	0.02	7.9	0.1	<0.05	12	<0.5	<0.2
1055855	Soil	13	12	0.23	95	0.008	<1	0.91	0.009	0.13	2.9	0.02	4.2	0.1	<0.05	2	<0.5	<0.2
1010187	Soil	6	18	1.35	273	0.066	<1	2.63	0.011	0.21	1.1	0.01	5.8	<0.1	<0.05	10	<0.5	<0.2
1055852	Soil	7	72	1.97	194	0.149	1	2.97	0.022	0.13	3.9	0.02	11.1	<0.1	<0.05	10	<0.5	<0.2
1055762	Soil	9	60	1.76	279	0.148	<1	2.87	0.021	0.11	1.6	0.02	10.7	<0.1	<0.05	11	<0.5	<0.2
1013499	Soil	4	53	2.17	379	0.182	<1	2.76	0.019	0.33	0.9	0.02	6.7	<0.1	<0.05	9	<0.5	<0.2
1010188	Soil	11	40	0.81	278	0.086	1	1.88	0.031	0.06	0.2	0.04	4.8	<0.1	<0.05	5	<0.5	<0.2
1055851	Soil	8	66	1.96	229	0.157	<1	3.13	0.014	0.04	1.5	0.02	8.9	<0.1	<0.05	11	<0.5	<0.2
1055761	Soil	11	39	0.87	279	0.099	2	2.00	0.025	0.07	0.2	0.04	5.4	<0.1	<0.05	6	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000614.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1055942	Soil	0.7	11.2	16.5	49	0.1	12.4	5.3	267	2.06	4.9	10.0	0.5	3.3	19	0.1	0.2	0.4	51	0.25	0.053
REP 1055942	QC	0.7	10.7	15.7	46	0.1	12.0	5.2	253	1.98	4.6	9.3	1.9	3.1	19	0.1	0.2	0.4	49	0.23	0.049
1055811	Soil	0.8	10.9	6.4	87	<0.1	15.9	13.9	672	4.45	6.4	0.6	<0.5	2.4	14	<0.1	0.2	<0.1	60	0.24	0.058
REP 1055811	QC	0.7	10.2	6.2	80	<0.1	14.2	13.0	648	4.25	6.4	0.6	<0.5	2.4	13	<0.1	0.2	<0.1	55	0.21	0.056
1055827	Soil	0.7	13.9	5.5	54	<0.1	24.3	11.5	309	2.74	2.9	0.2	1.2	1.7	15	<0.1	0.4	0.1	71	0.22	0.028
REP 1055827	QC	0.7	14.1	5.5	57	<0.1	25.1	11.4	322	2.78	3.5	0.2	1.2	1.7	15	<0.1	0.3	0.1	78	0.23	0.028
1010099	Soil	1.5	17.8	7.5	65	0.2	12.5	10.3	367	2.91	4.5	0.7	1.5	1.9	21	<0.1	0.2	0.1	64	0.29	0.061
REP 1010099	QC	1.6	19.4	7.7	68	0.2	13.6	10.9	388	3.28	4.5	0.7	1.6	2.1	22	0.1	0.2	0.1	68	0.31	0.060
1054315	Soil	0.8	15.7	17.2	59	<0.1	18.0	9.9	464	2.66	6.5	2.1	2.6	1.9	16	0.1	0.5	0.3	61	0.21	0.046
REP 1054315	QC	0.7	15.6	17.5	58	<0.1	17.1	9.5	463	2.66	6.3	2.1	3.6	2.0	16	0.1	0.4	0.3	59	0.20	0.045
1054317	Soil	0.7	17.3	8.2	76	<0.1	21.6	15.0	573	3.30	7.5	0.7	4.8	1.7	25	0.1	0.3	0.4	77	0.34	0.059
REP 1054317	QC	0.6	17.0	7.7	75	<0.1	21.2	14.2	556	3.19	7.8	0.6	6.2	1.7	22	<0.1	0.3	0.2	77	0.30	0.054
1055957	Soil	1.3	28.7	10.9	67	0.1	21.5	13.7	448	3.59	9.3	0.8	1.8	3.3	31	<0.1	0.4	0.4	84	0.32	0.049
REP 1055957	QC	1.3	27.8	11.3	62	0.1	21.2	13.8	436	3.68	8.7	0.8	6.1	3.6	30	<0.1	0.4	0.4	86	0.33	0.047
1055864	Soil	0.5	17.9	57.5	52	<0.1	12.8	5.5	581	1.88	5.7	7.0	1.1	62.0	14	<0.1	0.3	3.4	27	0.16	0.026
REP 1055864	QC	0.5	17.8	63.3	52	<0.1	12.1	5.2	564	1.81	5.4	7.5	<0.5	69.4	14	<0.1	0.3	3.9	27	0.16	0.027
1013499	Soil	0.5	80.6	5.6	89	<0.1	37.0	30.1	1099	4.74	2.8	0.6	1.8	1.7	47	<0.1	0.2	7.0	106	0.81	0.077
REP 1013499	QC	0.5	80.6	5.5	89	<0.1	37.5	31.6	1134	4.97	2.8	0.6	1.7	1.7	46	<0.1	0.1	5.8	112	0.83	0.077
Reference Materials																					
STD DS8	Standard	11.5	118.3	128.9	321	1.8	39.7	7.8	632	2.59	28.2	2.8	112.2	6.5	61	2.1	5.3	6.3	48	0.70	0.080
STD DS8	Standard	13.1	108.7	124.0	311	1.8	35.8	7.2	616	2.45	25.5	2.8	111.5	6.4	69	2.3	5.6	6.3	42	0.69	0.081
STD DS8	Standard	12.9	107.1	123.2	304	1.8	38.5	7.4	583	2.34	23.9	2.6	114.4	6.8	60	2.0	5.5	6.6	39	0.68	0.076
STD DS8	Standard	12.6	108.7	120.7	304	1.7	38.3	7.3	588	2.33	25.6	2.7	110.0	6.8	70	2.2	5.3	6.6	42	0.69	0.077
STD DS8	Standard	13.4	103.3	134.9	322	1.9	37.0	7.4	617	2.49	26.2	2.8	109.3	6.9	67	2.3	5.2	6.6	41	0.71	0.074
STD DS8	Standard	13.4	110.6	121.1	306	1.8	37.9	8.1	589	2.39	25.0	2.7	104.1	6.5	63	2.3	5.9	6.3	41	0.67	0.078
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Project: PED
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QUALITY CONTROL REPORT WHI11000614.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1055942	Soil	14	23	0.39	137	0.053	<1	1.49	0.010	0.06	0.2	0.03	1.9	0.2	<0.05	6	<0.5	<0.2
REP 1055942	QC	13	22	0.37	128	0.048	<1	1.42	0.008	0.06	0.2	0.03	1.7	0.2	<0.05	6	<0.5	<0.2
1055811	Soil	4	16	1.07	482	0.216	<1	3.14	0.008	0.82	0.2	<0.01	2.9	0.3	0.08	10	<0.5	<0.2
REP 1055811	QC	4	15	1.00	445	0.203	<1	2.96	0.008	0.77	0.2	0.01	2.8	0.3	<0.05	10	<0.5	<0.2
1055827	Soil	4	36	0.80	170	0.074	<1	1.82	0.014	0.04	0.1	0.02	2.1	<0.1	<0.05	6	<0.5	<0.2
REP 1055827	QC	4	38	0.79	168	0.086	<1	1.84	0.014	0.04	<0.1	0.02	2.2	<0.1	<0.05	7	<0.5	<0.2
1010099	Soil	9	26	0.67	229	0.104	2	1.68	0.012	0.10	0.1	0.04	2.7	0.1	<0.05	6	<0.5	<0.2
REP 1010099	QC	9	27	0.73	245	0.100	1	1.77	0.012	0.11	0.1	0.05	2.8	0.1	<0.05	6	<0.5	<0.2
1054315	Soil	12	30	0.61	171	0.058	1	1.90	0.007	0.05	0.2	0.03	3.7	0.1	<0.05	6	<0.5	<0.2
REP 1054315	QC	11	29	0.63	169	0.050	<1	1.85	0.008	0.06	0.2	0.04	3.6	0.1	<0.05	6	1.0	<0.2
1054317	Soil	10	31	1.14	281	0.094	<1	2.17	0.008	0.11	0.2	0.02	4.3	0.2	0.05	7	<0.5	<0.2
REP 1054317	QC	9	30	1.12	267	0.087	<1	2.16	0.009	0.10	0.2	0.04	4.2	0.1	<0.05	7	<0.5	<0.2
1055957	Soil	11	37	0.77	242	0.100	2	2.89	0.013	0.08	0.3	0.02	4.0	0.1	<0.05	9	<0.5	<0.2
REP 1055957	QC	11	38	0.77	243	0.097	2	2.76	0.012	0.08	0.3	0.03	4.2	0.1	<0.05	8	0.8	<0.2
1055864	Soil	41	15	0.15	65	0.012	1	1.03	0.008	0.11	0.8	0.03	4.6	0.2	<0.05	4	<0.5	<0.2
REP 1055864	QC	41	15	0.17	64	0.017	3	1.15	0.008	0.11	1.0	0.04	4.7	0.2	<0.05	4	0.6	<0.2
1013499	Soil	4	53	2.17	379	0.182	<1	2.76	0.019	0.33	0.9	0.02	6.7	<0.1	<0.05	9	<0.5	<0.2
REP 1013499	QC	4	55	2.18	393	0.190	<1	2.71	0.019	0.33	1.0	0.02	6.9	<0.1	<0.05	9	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	13	119	0.52	260	0.116	2	0.89	0.093	0.42	3.1	0.22	2.1	5.4	0.11	5	5.4	4.6
STD DS8	Standard	15	116	0.63	284	0.111	3	0.92	0.093	0.43	3.1	0.21	2.1	5.4	0.21	5	5.2	4.9
STD DS8	Standard	15	112	0.62	266	0.111	3	0.89	0.084	0.39	2.8	0.19	2.0	5.1	0.12	5	4.6	4.9
STD DS8	Standard	14	116	0.59	275	0.117	3	0.92	0.099	0.43	2.9	0.19	2.6	5.1	0.15	4	4.7	4.8
STD DS8	Standard	14	113	0.61	296	0.113	3	0.92	0.094	0.43	3.0	0.22	2.1	5.6	0.17	5	5.7	4.7
STD DS8	Standard	14	117	0.58	280	0.119	2	0.87	0.082	0.42	3.0	0.20	2.1	5.2	0.16	5	5.3	5.4
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000614.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 10, 2011

QUALITY CONTROL REPORT WHI11000614.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 05, 2011
Page: 1 of 8

CERTIFICATE OF ANALYSIS WHI11000618.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 190

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	190	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	190	Dry at 60C			VAN
1DX2	190	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000618.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014486	Soil		1.2	35.0	7.8	99	0.2	31.4	23.4	933	7.56	9.1	1.2	7.5	2.6	69	<0.1	0.7	0.4	201	0.56	0.074
1014487	Soil		1.2	34.5	8.0	98	0.2	30.3	21.7	922	7.19	9.1	1.2	7.2	2.8	67	0.1	0.7	0.3	190	0.55	0.071
1014475	Soil		0.9	37.4	3.1	165	<0.1	7.3	12.8	833	4.87	4.1	0.5	<0.5	3.0	17	0.1	0.2	<0.1	51	0.29	0.078
1014474	Soil		0.5	28.1	4.1	92	<0.1	11.4	10.5	630	3.56	4.9	0.6	<0.5	3.0	16	<0.1	0.3	<0.1	42	0.21	0.055
1014491	Soil		0.8	19.4	7.7	59	<0.1	19.0	11.5	363	2.75	7.7	0.8	1.0	4.5	37	<0.1	0.6	0.1	57	0.43	0.046
1014481	Soil		2.7	37.8	7.6	57	0.4	26.7	11.6	306	2.99	7.5	0.5	<0.5	2.8	29	0.1	0.4	0.2	68	0.43	0.077
1014482	Soil		1.6	88.3	9.2	59	0.2	22.2	12.2	345	3.64	15.3	0.5	1.5	4.0	30	0.2	0.7	0.2	68	0.37	0.042
1014484	Soil		1.6	79.5	4.7	148	0.1	18.7	15.5	1129	7.12	6.1	1.2	<0.5	6.7	29	<0.1	0.4	<0.1	144	0.46	0.079
1014483	Soil		1.2	54.4	1.7	133	0.2	14.0	21.9	1358	7.98	3.8	0.5	<0.5	1.8	27	<0.1	0.2	<0.1	197	0.63	0.173
1014485	Soil		1.2	111.8	5.9	119	0.3	47.8	21.9	689	5.35	12.9	3.8	<0.5	6.2	53	<0.1	0.6	0.1	114	0.45	0.053
1014476	Soil		1.2	43.9	12.9	84	0.2	34.2	12.5	501	3.04	11.9	0.8	4.8	7.0	37	0.1	1.2	0.2	55	0.48	0.063
1014477	Soil		1.9	43.3	12.2	91	0.2	37.5	13.9	479	2.75	9.6	1.5	2.5	6.2	122	0.5	1.1	0.2	55	1.87	0.076
1014478	Soil		1.1	19.6	9.7	58	<0.1	19.6	11.5	365	3.06	10.8	0.6	<0.5	5.1	39	<0.1	0.7	0.2	67	0.44	0.048
1014479	Soil		0.9	10.6	5.2	47	<0.1	9.4	6.2	314	2.30	5.6	0.3	<0.5	2.5	41	<0.1	0.3	<0.1	61	0.47	0.091
1014480	Soil		0.9	46.3	5.7	56	<0.1	12.7	9.5	444	2.61	5.5	0.4	<0.5	2.3	34	<0.1	0.3	<0.1	61	0.57	0.124
1014498	Soil		0.7	40.0	6.7	65	<0.1	25.6	11.6	560	2.78	5.7	0.6	2.4	4.3	49	0.3	0.7	0.1	59	1.25	0.112
1014473	Soil		1.8	11.3	5.3	69	<0.1	8.3	7.2	398	2.81	4.0	0.5	<0.5	3.3	11	<0.1	0.4	<0.1	35	0.12	0.030
1014472	Soil		0.5	16.0	3.1	73	<0.1	9.9	9.1	665	3.96	4.8	0.5	<0.5	2.7	13	<0.1	0.3	<0.1	35	0.19	0.052
1014253	Soil		0.7	48.0	6.8	74	<0.1	24.2	15.9	516	4.23	10.4	0.6	2.6	4.6	30	<0.1	0.6	0.1	105	0.49	0.042
1014257	Soil		0.6	41.7	5.6	51	<0.1	26.4	9.9	393	2.31	5.5	0.6	4.3	4.1	49	0.1	0.7	<0.1	49	1.27	0.049
1014495	Soil		0.6	34.4	6.5	62	0.1	23.7	11.1	608	2.62	5.8	0.5	0.8	4.2	43	0.2	0.6	0.1	54	0.61	0.092
1014496	Soil		0.7	34.6	7.3	66	0.1	23.5	10.9	515	2.69	6.7	0.5	1.8	4.7	47	0.1	0.7	0.1	58	1.02	0.094
1014497	Soil		0.3	13.7	2.7	23	<0.1	8.5	4.5	179	1.24	2.4	0.3	1.5	2.4	24	<0.1	0.2	<0.1	25	0.33	0.094
1014499	Soil		0.6	35.4	5.9	58	<0.1	21.9	10.0	489	2.47	5.1	0.5	1.8	3.8	47	0.1	0.6	<0.1	54	1.11	0.116
1014493	Soil		1.1	40.2	11.7	88	0.2	31.0	12.0	465	2.96	9.1	1.6	2.0	5.5	47	0.2	1.0	0.2	56	0.60	0.076
1014494	Soil		0.4	30.4	6.4	55	<0.1	21.2	9.2	330	2.21	3.5	0.6	3.4	3.8	35	<0.1	0.5	0.1	49	0.49	0.087
1014490	Soil		1.3	25.6	9.8	67	0.1	26.7	10.8	509	2.74	7.8	0.7	3.8	6.1	45	0.1	0.7	0.2	58	0.47	0.050
1014488	Soil		0.8	32.9	10.2	56	0.3	24.4	10.4	315	2.99	12.8	1.0	3.8	5.9	43	<0.1	0.8	0.2	69	0.49	0.034
1014489	Soil		1.2	51.1	10.0	75	0.2	33.8	13.0	450	3.10	12.3	1.1	5.7	4.7	49	0.1	1.0	0.2	73	0.80	0.033
1014492	Soil		1.6	42.3	15.5	106	0.3	37.4	11.8	484	3.11	12.5	1.5	2.1	5.8	46	0.4	1.4	0.3	58	0.53	0.063

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000618.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014486	Soil	11	49	1.44	360	0.049	3	2.54	0.016	0.08	0.1	0.03	20.6	<0.1	<0.05	13	1.7	<0.2
1014487	Soil	11	48	1.44	370	0.054	1	2.61	0.015	0.09	0.1	0.03	20.2	<0.1	<0.05	12	1.2	<0.2
1014475	Soil	6	11	0.77	325	0.073	1	2.00	0.012	0.36	<0.1	<0.01	8.4	<0.1	<0.05	9	<0.5	<0.2
1014474	Soil	12	15	0.75	189	0.103	2	1.91	0.010	0.18	<0.1	<0.01	5.5	<0.1	<0.05	8	<0.5	<0.2
1014491	Soil	10	30	0.63	219	0.089	1	1.68	0.018	0.08	0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1014481	Soil	7	42	0.51	273	0.047	<1	1.49	0.014	0.06	0.1	0.02	3.4	<0.1	<0.05	5	<0.5	<0.2
1014482	Soil	12	37	0.60	294	0.062	2	1.70	0.011	0.12	0.2	0.02	5.3	<0.1	<0.05	6	0.8	<0.2
1014484	Soil	14	24	1.71	559	0.253	<1	3.05	0.009	0.55	<0.1	<0.01	16.0	0.1	<0.05	15	<0.5	<0.2
1014483	Soil	8	16	2.61	743	0.431	1	3.70	0.020	2.13	<0.1	0.02	22.0	0.5	<0.05	15	0.5	<0.2
1014485	Soil	16	116	1.50	488	0.250	<1	2.81	0.014	0.59	<0.1	0.02	10.8	0.2	<0.05	11	0.9	<0.2
1014476	Soil	19	34	0.65	346	0.060	2	1.52	0.015	0.14	0.1	0.08	4.4	0.1	<0.05	5	<0.5	<0.2
1014477	Soil	16	35	1.02	527	0.077	2	1.62	0.033	0.18	0.1	0.07	4.1	0.1	<0.05	5	<0.5	<0.2
1014478	Soil	13	35	0.60	358	0.064	<1	1.87	0.016	0.07	0.2	0.01	4.9	<0.1	<0.05	6	<0.5	<0.2
1014479	Soil	8	18	0.61	118	0.054	<1	1.43	0.022	0.06	0.1	<0.01	2.4	<0.1	<0.05	5	<0.5	<0.2
1014480	Soil	5	21	0.60	240	0.054	<1	1.54	0.029	0.09	<0.1	0.01	3.7	<0.1	<0.05	5	<0.5	<0.2
1014498	Soil	13	39	0.84	222	0.084	<1	1.36	0.019	0.14	<0.1	0.04	4.7	<0.1	<0.05	5	<0.5	<0.2
1014473	Soil	8	15	0.40	171	0.026	<1	1.42	0.008	0.12	<0.1	0.01	3.4	<0.1	<0.05	5	<0.5	<0.2
1014472	Soil	5	13	0.57	212	0.160	<1	1.87	0.012	0.54	<0.1	0.01	3.8	<0.1	<0.05	8	0.6	<0.2
1014253	Soil	11	31	1.46	392	0.110	<1	2.51	0.014	0.23	0.1	0.01	10.2	<0.1	<0.05	9	<0.5	<0.2
1014257	Soil	13	23	0.71	208	0.082	<1	1.16	0.022	0.08	0.1	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1014495	Soil	12	29	0.76	244	0.078	<1	1.31	0.019	0.19	0.1	0.03	4.0	<0.1	<0.05	4	<0.5	<0.2
1014496	Soil	13	31	0.79	230	0.081	<1	1.40	0.019	0.18	0.1	0.03	4.4	<0.1	<0.05	5	0.7	<0.2
1014497	Soil	8	11	0.28	71	0.038	<1	0.47	0.011	0.07	<0.1	<0.01	1.8	<0.1	<0.05	2	<0.5	<0.2
1014499	Soil	12	34	0.75	197	0.081	<1	1.19	0.017	0.13	<0.1	0.03	4.2	<0.1	<0.05	4	<0.5	<0.2
1014493	Soil	16	31	0.74	347	0.059	1	1.51	0.015	0.17	0.1	0.06	4.2	0.1	<0.05	5	<0.5	<0.2
1014494	Soil	12	28	0.64	161	0.065	<1	1.09	0.017	0.15	0.1	0.03	3.7	<0.1	<0.05	4	<0.5	<0.2
1014490	Soil	16	33	0.65	256	0.082	1	1.53	0.026	0.09	0.2	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1014488	Soil	15	39	0.65	234	0.072	1	2.03	0.014	0.07	0.2	0.02	6.3	<0.1	<0.05	6	<0.5	<0.2
1014489	Soil	17	38	0.81	217	0.100	1	1.88	0.024	0.08	0.1	0.06	5.2	<0.1	<0.05	6	1.0	<0.2
1014492	Soil	18	32	0.64	471	0.043	2	1.73	0.014	0.20	0.1	0.07	4.2	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000618.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014469	Soil	0.7	19.2	4.8	63	<0.1	10.8	8.5	318	3.00	4.8	0.5	<0.5	3.9	15	<0.1	0.3	<0.1	40	0.22	0.039
1014252	Soil	0.6	52.5	6.4	53	<0.1	24.1	13.1	389	3.10	7.8	0.5	4.0	4.9	24	0.1	0.8	0.1	74	0.43	0.037
1014500	Soil	1.0	42.5	8.4	78	0.1	28.5	13.5	638	3.22	7.3	0.6	2.5	4.7	55	0.2	0.7	0.1	69	1.45	0.106
1014223	Soil	1.1	17.6	10.3	91	0.1	22.8	17.5	590	4.94	8.2	0.4	0.6	3.6	29	0.1	0.5	0.2	106	0.24	0.035
1014224	Soil	0.6	45.2	9.9	107	<0.1	24.9	28.6	1144	6.69	4.7	0.9	<0.5	7.3	32	0.1	0.3	0.1	146	0.37	0.070
1014258	Soil	0.6	31.8	5.1	49	<0.1	17.7	9.5	453	2.11	4.1	0.4	3.9	3.2	32	<0.1	0.6	0.1	45	0.78	0.093
1014470	Soil	0.5	47.5	2.6	77	<0.1	6.5	10.4	495	3.60	3.0	0.6	2.4	2.1	20	<0.1	0.3	<0.1	53	0.28	0.038
1014261	Soil	0.5	66.1	4.1	98	<0.1	9.4	16.6	462	4.72	3.4	0.8	3.2	4.0	18	<0.1	0.3	<0.1	74	0.31	0.064
1014256	Soil	0.6	29.1	5.1	41	<0.1	16.0	9.4	333	2.21	4.5	0.6	1.8	3.4	23	<0.1	0.5	0.1	48	0.35	0.052
1014251	Soil	0.8	46.1	6.9	54	<0.1	23.0	12.0	370	2.91	7.3	0.6	5.8	4.7	27	<0.1	0.8	0.1	66	0.38	0.037
1014471	Soil	0.5	15.3	3.4	64	<0.1	9.8	8.8	597	3.60	4.9	0.5	3.2	2.7	11	<0.1	0.4	<0.1	33	0.17	0.052
1014254	Soil	0.8	31.3	5.5	41	<0.1	16.2	10.3	296	2.56	5.1	0.4	2.7	4.1	29	<0.1	0.6	<0.1	57	0.35	0.018
1014260	Soil	0.8	17.0	8.9	43	<0.1	19.4	9.5	313	2.47	9.5	0.6	3.1	4.5	30	<0.1	0.8	0.2	55	0.32	0.034
1014255	Soil	0.5	39.8	4.9	57	<0.1	20.6	13.2	390	3.00	9.0	0.7	5.1	4.0	22	<0.1	0.5	0.1	66	0.37	0.037
1014259	Soil	1.2	19.9	10.0	51	<0.1	17.0	10.4	317	2.90	12.3	0.7	2.8	4.2	30	<0.1	0.5	0.2	58	0.47	0.079
1011435	Soil	1.0	21.2	9.8	90	0.1	19.6	13.9	710	3.71	7.4	0.8	2.3	6.8	43	<0.1	0.5	0.2	83	0.32	0.038
1014201	Soil	0.7	34.3	8.7	67	<0.1	20.5	12.9	320	3.01	6.1	0.8	4.0	3.5	24	0.1	0.4	0.1	74	0.23	0.027
1014202	Soil	0.8	45.2	7.8	86	<0.1	13.0	11.2	319	3.39	4.0	1.1	3.2	3.4	32	<0.1	0.3	0.1	60	0.20	0.042
1014203	Soil	3.8	128.8	7.5	73	0.2	7.3	5.4	229	4.96	2.1	1.1	2.9	4.8	120	0.1	0.2	0.3	88	0.24	0.081
1014204	Soil	1.5	65.4	25.5	214	0.1	14.1	9.9	285	6.07	1.3	1.2	2.3	6.4	49	0.1	0.2	0.3	148	0.18	0.083
1014230	Soil	0.4	15.2	6.9	49	<0.1	14.4	11.5	353	2.91	4.1	0.6	4.2	4.7	29	<0.1	0.3	<0.1	60	0.34	0.022
1014232	Soil	1.7	21.7	101.4	72	<0.1	15.1	11.8	450	2.99	4.3	0.8	4.4	5.7	22	<0.1	0.3	0.2	70	0.27	0.051
1014234	Soil	0.6	19.9	9.1	65	<0.1	17.2	10.1	348	2.54	4.3	0.8	2.8	4.3	31	<0.1	0.4	0.1	57	0.40	0.052
1014231	Soil	0.7	16.8	8.8	54	<0.1	16.7	11.7	346	3.34	5.7	0.5	4.6	3.7	20	0.1	0.5	0.2	70	0.20	0.025
1014233	Soil	0.6	16.7	8.8	56	<0.1	15.0	9.9	308	2.75	4.6	0.6	1.7	4.6	26	<0.1	0.4	0.1	62	0.29	0.038
1014225	Soil	0.3	56.6	4.0	64	<0.1	38.4	32.0	1132	6.72	2.2	0.8	4.4	2.7	27	<0.1	0.3	<0.1	156	0.61	0.081
1014226	Soil	0.4	20.2	7.6	51	<0.1	15.7	12.0	348	3.04	5.4	0.7	4.8	4.7	33	<0.1	0.4	0.1	62	0.34	0.027
1014228	Soil	0.6	13.5	6.3	58	<0.1	13.7	14.8	495	3.43	3.6	0.5	2.5	5.1	28	<0.1	0.4	<0.1	68	0.23	0.023
1014227	Soil	0.5	26.9	7.6	59	<0.1	17.7	12.0	443	3.32	6.0	0.6	2.7	6.2	37	<0.1	0.4	0.1	69	0.39	0.032
1014229	Soil	0.6	16.1	7.2	59	<0.1	17.2	13.8	383	3.48	4.9	0.5	2.8	4.7	33	<0.1	0.4	0.1	71	0.28	0.024

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Project: PED
Report Date: August 05, 2011

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014469	Soil		6	16	0.58	243	0.128	1	1.90	0.015	0.37	0.1	<0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1014252	Soil		15	30	0.94	312	0.128	1	1.74	0.017	0.12	0.2	0.06	5.9	<0.1	<0.05	6	0.8	<0.2
1014500	Soil		15	44	0.94	245	0.098	1	1.55	0.024	0.23	0.1	0.03	5.4	0.1	<0.05	5	<0.5	<0.2
1014223	Soil		5	50	1.22	195	0.258	<1	3.15	0.012	0.15	0.1	0.01	2.7	0.1	<0.05	9	<0.5	<0.2
1014224	Soil		15	48	2.58	168	0.132	<1	3.86	0.012	0.07	<0.1	<0.01	8.2	<0.1	<0.05	13	<0.5	<0.2
1014258	Soil		10	21	0.64	201	0.066	2	1.04	0.018	0.11	0.1	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1014470	Soil		7	8	0.68	206	0.165	2	1.86	0.018	0.40	<0.1	<0.01	4.8	<0.1	<0.05	7	<0.5	<0.2
1014261	Soil		10	12	1.83	325	0.021	1	2.46	0.010	0.09	<0.1	<0.01	12.4	<0.1	<0.05	12	<0.5	<0.2
1014256	Soil		10	21	0.60	187	0.065	2	1.12	0.012	0.10	0.1	<0.01	3.7	<0.1	<0.05	4	<0.5	<0.2
1014251	Soil		13	30	0.76	274	0.110	2	1.65	0.015	0.11	0.2	0.04	5.1	<0.1	<0.05	5	0.7	<0.2
1014471	Soil		5	12	0.55	198	0.147	1	1.77	0.012	0.47	<0.1	<0.01	3.4	<0.1	<0.05	7	1.0	<0.2
1014254	Soil		8	26	0.71	347	0.079	<1	1.50	0.013	0.09	0.1	<0.01	3.8	<0.1	<0.05	4	0.6	<0.2
1014260	Soil		11	33	0.48	291	0.067	2	1.38	0.013	0.08	0.1	0.02	4.1	<0.1	<0.05	4	0.7	<0.2
1014255	Soil		12	23	1.00	241	0.106	1	1.64	0.016	0.13	<0.1	0.01	5.7	<0.1	<0.05	6	0.6	<0.2
1014259	Soil		8	37	0.66	232	0.081	2	1.57	0.020	0.23	0.2	0.02	3.8	<0.1	<0.05	5	0.6	<0.2
1011435	Soil		12	32	0.98	251	0.129	1	2.64	0.009	0.12	0.1	0.01	3.1	<0.1	<0.05	8	0.9	<0.2
1014201	Soil		9	33	0.84	233	0.116	2	2.43	0.016	0.06	<0.1	0.02	3.8	<0.1	<0.05	6	<0.5	<0.2
1014202	Soil		11	24	0.69	189	0.156	1	2.33	0.021	0.18	<0.1	0.02	3.7	<0.1	<0.05	8	0.8	<0.2
1014203	Soil		15	13	1.12	272	0.111	<1	2.68	0.109	0.31	<0.1	<0.01	7.0	<0.1	0.52	9	2.9	0.2
1014204	Soil		20	37	1.76	332	0.186	<1	3.66	0.052	0.85	<0.1	<0.01	8.8	0.3	0.57	12	3.0	0.3
1014230	Soil		13	26	0.85	208	0.160	<1	1.99	0.013	0.07	0.1	0.01	2.3	<0.1	<0.05	5	<0.5	<0.2
1014232	Soil		15	29	0.92	155	0.145	1	2.01	0.012	0.12	0.1	0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1014234	Soil		14	30	0.80	185	0.129	1	1.88	0.017	0.13	0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
1014231	Soil		9	30	0.78	159	0.140	1	2.29	0.011	0.09	<0.1	0.01	2.3	<0.1	<0.05	7	1.0	<0.2
1014233	Soil		14	29	0.80	165	0.149	<1	1.99	0.012	0.11	0.1	<0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1014225	Soil		6	106	3.00	318	0.224	<1	3.58	0.013	0.22	<0.1	<0.01	13.4	0.2	<0.05	11	0.6	<0.2
1014226	Soil		15	26	0.85	229	0.165	<1	1.96	0.013	0.15	<0.1	0.01	2.9	0.1	<0.05	6	0.7	<0.2
1014228	Soil		11	24	1.00	180	0.194	<1	2.44	0.011	0.25	<0.1	<0.01	2.0	0.1	<0.05	7	0.6	<0.2
1014227	Soil		18	32	0.97	255	0.176	<1	2.22	0.015	0.15	<0.1	0.03	4.4	0.1	<0.05	6	1.0	<0.2
1014229	Soil		11	29	0.95	217	0.173	1	2.74	0.013	0.11	<0.1	<0.01	2.3	<0.1	<0.05	7	1.1	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014215	Soil		0.8	21.4	9.1	58	<0.1	19.7	10.1	344	2.90	6.0	1.0	3.5	4.7	35	<0.1	0.4	0.2	65	0.32	0.015
1014217	Soil		1.0	20.8	9.3	55	<0.1	20.5	10.8	337	3.12	7.7	1.0	6.4	6.6	23	<0.1	0.6	0.2	71	0.18	0.023
1014216	Soil		0.9	18.3	8.9	75	<0.1	9.8	12.0	640	3.95	5.7	0.7	3.7	2.5	33	<0.1	0.3	0.2	114	0.18	0.051
1014220	Soil		0.8	24.4	6.7	72	<0.1	15.1	10.8	423	3.44	6.5	0.7	2.8	3.5	32	<0.1	0.5	0.1	67	0.29	0.058
1014218	Soil		0.9	35.7	9.3	60	<0.1	20.1	10.9	407	3.06	7.3	1.3	8.1	8.1	33	<0.1	0.5	0.2	68	0.26	0.018
1014208	Soil		2.7	52.8	7.9	22	<0.1	4.2	1.4	81	4.36	1.3	0.7	1.9	7.4	68	<0.1	0.2	0.3	37	0.05	0.028
1014210	Soil		0.6	33.8	5.8	66	<0.1	25.0	17.7	344	3.30	5.8	0.6	4.5	2.6	22	<0.1	0.4	0.1	74	0.23	0.023
1014212	Soil		0.3	17.3	8.7	52	<0.1	25.4	13.3	384	3.93	0.7	1.4	1.8	17.2	25	<0.1	0.2	0.3	51	0.32	0.048
1014214	Soil		0.8	10.1	10.3	32	<0.1	9.4	5.7	187	2.26	4.6	0.5	2.9	3.2	23	<0.1	0.4	0.2	57	0.18	0.012
1014213	Soil		0.6	24.0	7.5	37	<0.1	19.8	10.1	203	2.68	6.4	0.7	4.2	3.7	21	<0.1	0.5	0.1	62	0.20	0.015
1014205	Soil		0.9	79.4	17.9	100	<0.1	19.0	11.4	257	3.60	4.5	1.1	2.9	5.4	31	0.1	0.3	0.2	90	0.15	0.044
1014207	Soil		1.4	54.1	7.2	67	<0.1	9.6	4.8	228	5.02	0.9	1.2	0.5	5.7	86	<0.1	<0.1	0.5	90	0.13	0.058
1014206	Soil		1.1	51.6	10.3	87	<0.1	19.0	14.0	332	4.01	3.4	1.4	1.8	6.2	25	<0.1	0.2	0.2	106	0.15	0.057
1014209	Soil		1.0	33.4	6.6	59	<0.1	20.6	15.7	327	3.23	6.2	0.7	1.1	3.0	26	<0.1	0.4	0.1	68	0.20	0.032
1014211	Soil		0.3	31.7	3.9	57	<0.1	24.2	20.2	543	4.15	2.6	0.6	<0.5	4.2	36	<0.1	0.2	<0.1	106	0.40	0.032
1028743	Soil		1.2	39.0	19.6	93	<0.1	31.7	14.8	418	3.52	26.6	0.6	1.4	4.7	22	<0.1	1.0	0.3	74	0.26	0.072
1028741	Soil		1.8	58.4	22.4	87	<0.1	36.2	12.2	478	3.35	34.8	1.3	6.0	8.1	33	0.2	1.7	0.6	62	0.35	0.060
1014161	Soil		0.7	30.8	5.9	53	0.1	29.7	10.9	379	2.32	8.3	0.6	1.3	3.1	79	0.2	0.6	<0.1	55	3.68	0.066
1014040	Soil		0.6	21.2	6.1	62	<0.1	17.5	14.1	436	3.29	8.0	0.5	<0.5	4.2	28	<0.1	0.5	<0.1	76	0.30	0.050
1014042	Soil		0.4	15.7	4.1	63	<0.1	14.3	14.2	599	3.35	4.9	0.3	<0.5	4.6	33	<0.1	0.3	<0.1	81	0.49	0.102
1028745	Soil		1.0	23.9	11.0	54	<0.1	21.3	10.5	263	2.53	12.2	0.8	6.4	5.2	22	<0.1	0.8	0.2	56	0.28	0.042
1028742	Soil		1.0	34.3	12.4	60	<0.1	25.7	10.5	319	2.90	17.3	0.8	1.9	5.8	25	0.1	0.9	0.2	61	0.24	0.032
1028746	Soil		0.6	19.2	6.2	42	<0.1	19.2	7.8	220	2.03	8.7	0.5	1.0	4.1	26	<0.1	0.6	0.1	44	0.34	0.057
1028748	Soil		0.5	28.0	7.0	48	0.1	21.7	7.5	301	2.07	8.2	0.9	2.7	3.1	46	0.1	0.7	0.2	43	0.78	0.066
1028747	Soil		0.6	22.0	6.9	52	0.1	22.3	9.0	344	2.30	8.3	0.5	12.8	4.6	36	0.2	0.6	0.1	49	0.59	0.074
1014219	Soil		1.9	84.2	5.1	94	<0.1	12.4	14.7	738	3.84	4.6	2.5	0.8	14.2	25	0.1	0.3	0.1	87	0.34	0.069
1014221	Soil		0.8	37.3	6.9	63	<0.1	19.7	15.2	580	3.62	8.4	0.9	1.6	9.8	21	<0.1	0.4	0.1	83	0.22	0.035
1014222	Soil		2.5	45.0	8.7	92	<0.1	19.7	17.4	880	4.25	7.4	0.8	0.7	4.7	105	0.2	0.4	0.1	94	0.53	0.050
1014160	Soil		0.4	37.3	10.3	70	0.2	16.9	16.1	606	3.70	6.7	1.0	3.1	8.7	53	<0.1	0.4	<0.1	74	2.52	0.071
1028744	Soil		1.4	43.8	20.3	87	0.2	34.6	15.9	495	3.79	26.3	0.8	0.6	6.4	35	0.1	1.0	0.3	82	0.43	0.073

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000618.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014215	Soil	14	44	0.73	193	0.091	<1	2.26	0.014	0.04	<0.1	0.03	4.7	<0.1	<0.05	7	0.8	<0.2
1014217	Soil	14	35	0.67	184	0.102	2	2.40	0.012	0.07	<0.1	0.01	3.0	<0.1	<0.05	7	0.8	<0.2
1014216	Soil	7	18	1.22	102	0.211	<1	2.32	0.011	0.22	<0.1	<0.01	2.8	<0.1	<0.05	12	<0.5	<0.2
1014220	Soil	10	24	0.87	295	0.188	1	2.21	0.011	0.26	0.1	<0.01	2.1	0.1	<0.05	6	1.0	<0.2
1014218	Soil	19	35	0.64	240	0.103	<1	2.17	0.014	0.05	0.1	0.02	5.1	<0.1	<0.05	6	0.5	<0.2
1014208	Soil	13	16	0.32	201	0.027	<1	1.14	0.124	0.49	<0.1	<0.01	3.1	0.4	0.98	4	7.9	0.2
1014210	Soil	7	32	0.97	161	0.162	<1	2.51	0.014	0.08	<0.1	<0.01	2.6	<0.1	<0.05	6	1.3	<0.2
1014212	Soil	24	51	1.24	216	0.237	<1	2.95	0.011	0.46	<0.1	<0.01	2.7	0.2	<0.05	11	0.7	<0.2
1014214	Soil	9	25	0.40	156	0.101	<1	1.42	0.015	0.03	<0.1	<0.01	2.3	<0.1	<0.05	6	0.8	<0.2
1014213	Soil	8	36	0.58	185	0.086	2	2.34	0.014	0.04	0.1	0.01	3.0	<0.1	<0.05	6	0.9	<0.2
1014205	Soil	15	48	1.07	323	0.146	2	2.55	0.025	0.54	<0.1	0.02	6.5	0.3	0.20	7	2.7	0.3
1014207	Soil	20	27	1.25	161	0.133	<1	2.81	0.140	1.08	<0.1	<0.01	7.8	0.5	1.15	8	4.3	0.4
1014206	Soil	15	56	1.44	357	0.197	<1	2.75	0.028	0.66	<0.1	0.01	7.2	0.3	0.18	9	0.9	<0.2
1014209	Soil	8	33	0.82	160	0.140	1	2.11	0.016	0.12	<0.1	0.01	3.2	0.1	<0.05	5	0.6	<0.2
1014211	Soil	19	49	1.78	236	0.271	<1	3.02	0.021	0.18	<0.1	<0.01	3.9	0.1	<0.05	9	<0.5	<0.2
1028743	Soil	8	44	0.84	266	0.099	1	2.22	0.013	0.10	0.1	0.01	4.1	0.1	<0.05	7	<0.5	<0.2
1028741	Soil	21	48	0.73	260	0.072	<1	1.48	0.012	0.08	0.2	0.02	7.5	0.1	<0.05	5	<0.5	<0.2
1014161	Soil	11	34	0.94	272	0.096	2	1.30	0.024	0.11	0.2	0.02	3.1	<0.1	<0.05	4	<0.5	<0.2
1014040	Soil	12	27	0.98	291	0.164	1	2.16	0.012	0.23	0.1	<0.01	2.7	0.1	<0.05	5	<0.5	<0.2
1014042	Soil	10	21	1.16	360	0.226	1	2.12	0.012	0.60	0.2	<0.01	2.2	0.1	<0.05	6	<0.5	<0.2
1028745	Soil	15	33	0.61	178	0.088	<1	1.40	0.013	0.08	0.2	<0.01	3.1	<0.1	<0.05	4	0.6	<0.2
1028742	Soil	15	37	0.60	245	0.087	<1	1.64	0.012	0.06	0.1	0.01	4.2	<0.1	<0.05	5	<0.5	<0.2
1028746	Soil	11	25	0.46	186	0.062	1	1.04	0.016	0.05	0.1	0.01	2.7	<0.1	<0.05	3	<0.5	<0.2
1028748	Soil	12	25	0.50	279	0.063	2	1.11	0.024	0.06	0.2	0.03	3.2	<0.1	<0.05	3	0.6	<0.2
1028747	Soil	13	26	0.51	212	0.075	1	1.12	0.022	0.08	0.2	0.05	3.4	<0.1	<0.05	3	<0.5	<0.2
1014219	Soil	20	22	0.99	219	0.209	1	2.42	0.012	0.44	<0.1	<0.01	5.9	0.2	<0.05	8	<0.5	<0.2
1014221	Soil	11	35	0.99	177	0.194	1	2.72	0.015	0.25	0.1	0.01	4.9	0.1	<0.05	7	<0.5	<0.2
1014222	Soil	10	34	1.38	188	0.263	1	2.89	0.010	0.11	0.2	<0.01	4.2	<0.1	<0.05	10	<0.5	<0.2
1014160	Soil	26	20	1.31	304	0.149	1	2.05	0.010	0.60	<0.1	0.06	4.1	0.2	<0.05	7	0.5	<0.2
1028744	Soil	11	48	1.07	279	0.138	1	2.24	0.014	0.20	0.1	<0.01	4.4	0.1	<0.05	7	0.6	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014157	Soil	0.4	21.3	5.0	69	<0.1	16.1	16.4	628	3.83	3.4	0.7	<0.5	9.9	22	<0.1	0.2	<0.1	85	0.29	0.058
1014159	Soil	1.4	49.9	4.7	55	<0.1	14.5	13.8	497	3.60	5.6	1.6	1.2	11.2	20	<0.1	0.4	<0.1	85	0.30	0.073
1014158	Soil	0.5	21.0	5.6	66	<0.1	17.1	15.4	564	3.56	4.2	0.6	<0.5	8.4	23	<0.1	0.2	<0.1	79	0.24	0.041
1014156	Soil	0.7	48.0	6.2	59	<0.1	22.0	11.8	462	2.90	6.2	0.6	2.5	6.7	36	<0.1	0.5	0.1	63	0.54	0.063
1014154	Soil	0.5	22.9	3.2	63	<0.1	13.9	15.1	577	3.45	4.0	0.5	<0.5	8.1	24	<0.1	0.2	<0.1	72	0.39	0.075
1014039	Soil	0.3	30.4	4.1	79	<0.1	17.0	18.5	727	4.24	3.8	0.9	<0.5	10.3	51	<0.1	0.2	0.2	113	0.85	0.079
1014045	Soil	0.5	24.0	7.0	49	<0.1	22.4	10.6	426	2.38	8.6	0.5	1.4	4.1	48	0.1	0.6	0.1	56	1.04	0.058
1014047	Soil	1.3	54.0	10.4	76	<0.1	34.4	13.6	563	3.49	14.8	0.8	3.0	6.2	33	0.1	1.2	0.2	79	0.41	0.059
1014041	Soil	0.3	19.3	4.9	60	<0.1	9.4	15.9	653	3.94	2.7	1.0	<0.5	6.8	24	<0.1	0.3	0.1	76	0.39	0.083
1014049	Soil	0.9	32.9	9.3	54	<0.1	25.4	9.6	322	2.54	13.5	0.7	2.2	4.3	31	0.2	0.8	0.3	59	0.37	0.068
1014043	Soil	0.5	13.6	4.6	61	<0.1	15.6	14.6	516	3.43	5.4	0.4	0.6	3.5	25	<0.1	0.3	<0.1	80	0.33	0.045
1014044	Soil	0.6	28.8	7.2	52	<0.1	26.2	10.5	458	2.42	8.3	0.4	1.6	4.5	50	0.2	0.7	0.1	58	1.35	0.053
1014046	Soil	1.0	27.7	9.3	53	<0.1	25.9	10.6	524	2.52	18.2	0.6	20.4	3.6	36	0.1	0.8	0.3	55	0.47	0.080
1014048	Soil	0.7	28.0	6.3	51	0.1	23.0	8.2	377	1.95	11.1	0.4	1.9	3.4	47	0.2	0.8	0.1	43	1.28	0.065
1014050	Soil	1.4	60.6	13.2	77	<0.1	40.1	14.8	608	3.72	19.6	1.0	3.7	5.2	40	0.2	1.2	0.3	83	0.45	0.070
1014132	Soil	1.3	38.9	4.9	74	<0.1	33.2	13.9	807	3.66	11.5	0.8	1.9	4.4	31	0.1	0.7	0.2	77	0.51	0.148
1014134	Soil	0.7	37.9	6.4	58	0.1	23.9	10.6	510	2.41	6.4	0.6	5.9	3.8	97	0.2	0.7	0.1	51	2.81	0.102
1014135	Soil	0.6	38.2	6.5	62	0.1	23.5	10.6	514	2.46	6.3	0.7	3.9	3.7	100	0.2	0.8	0.1	53	2.94	0.096
1014035	Soil	0.6	20.7	5.6	44	<0.1	16.0	8.3	312	2.11	5.7	0.6	1.0	4.2	30	<0.1	0.5	0.1	43	0.38	0.099
1014112	Soil	1.0	6.3	5.5	72	<0.1	8.4	11.7	869	2.70	3.4	0.2	1.0	1.7	42	<0.1	0.3	<0.1	64	0.62	0.139
1028749	Soil	0.4	34.6	7.2	71	<0.1	20.9	17.1	635	3.78	16.6	0.8	14.1	6.4	31	0.1	0.5	0.1	80	0.41	0.071
1014131	Soil	0.6	13.1	4.8	86	<0.1	17.3	14.5	655	3.92	5.0	0.5	0.7	4.5	40	<0.1	0.3	<0.1	85	0.65	0.175
1014129	Soil	0.5	24.4	4.8	75	<0.1	20.9	12.3	560	2.96	3.4	0.5	1.0	4.8	28	<0.1	0.2	<0.1	71	0.57	0.166
1014133	Soil	1.2	32.7	4.7	69	<0.1	27.2	12.1	707	3.32	9.5	0.8	2.4	4.4	31	<0.1	0.5	0.1	72	0.50	0.136
1014130	Soil	0.7	13.0	4.8	79	<0.1	15.6	13.4	642	3.67	5.0	0.5	<0.5	4.3	40	<0.1	0.3	<0.1	80	0.66	0.169
1014155	Soil	0.9	14.0	6.3	61	<0.1	11.9	12.9	488	3.27	4.5	0.5	1.6	7.6	30	<0.1	0.2	<0.1	67	0.32	0.035
1014152	Soil	0.5	22.1	10.8	54	<0.1	19.3	12.2	421	2.97	7.4	0.9	17.7	7.4	35	<0.1	0.4	0.1	61	0.43	0.051
1014153	Soil	0.8	26.3	8.0	75	<0.1	56.8	20.5	528	4.62	8.3	0.8	<0.5	9.1	31	<0.1	0.7	0.1	92	0.39	0.035
1028750	Soil	0.4	40.0	7.1	63	<0.1	17.3	15.1	414	3.76	7.0	0.8	2.4	8.3	25	<0.1	0.5	0.1	71	0.26	0.037
1014151	Soil	0.6	32.2	5.8	72	<0.1	18.4	15.1	535	3.94	7.2	0.7	1.3	5.1	25	<0.1	0.4	<0.1	78	0.35	0.066

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014157	Soil	11	20	1.51	142	0.260	<1	2.35	0.008	0.97	<0.1	<0.01	2.5	0.3	<0.05	8	<0.5	<0.2
1014159	Soil	19	24	1.14	213	0.182	<1	1.99	0.011	0.70	0.1	<0.01	7.4	0.2	<0.05	7	<0.5	<0.2
1014158	Soil	8	21	1.46	142	0.265	<1	2.32	0.009	0.91	<0.1	<0.01	2.4	0.3	<0.05	7	<0.5	<0.2
1014156	Soil	21	29	0.88	250	0.115	<1	1.74	0.030	0.18	0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2
1014154	Soil	8	19	1.29	188	0.271	<1	2.27	0.011	1.01	<0.1	<0.01	1.9	0.3	<0.05	6	<0.5	<0.2
1014039	Soil	17	34	1.67	263	0.330	<1	3.40	0.022	0.73	<0.1	<0.01	3.8	0.1	<0.05	10	<0.5	<0.2
1014045	Soil	13	27	0.57	254	0.106	1	1.43	0.031	0.11	0.1	0.02	3.3	<0.1	<0.05	4	<0.5	<0.2
1014047	Soil	19	40	0.90	284	0.133	<1	1.85	0.017	0.09	0.2	0.03	6.7	<0.1	<0.05	6	<0.5	<0.2
1014041	Soil	22	16	1.16	311	0.085	<1	2.41	0.010	0.32	<0.1	<0.01	3.9	<0.1	<0.05	6	<0.5	<0.2
1014049	Soil	15	39	0.53	241	0.098	<1	1.45	0.012	0.07	0.1	0.02	5.1	<0.1	<0.05	4	<0.5	<0.2
1014043	Soil	7	23	1.13	204	0.208	<1	2.25	0.014	0.31	0.1	<0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1014044	Soil	14	30	0.54	283	0.116	<1	1.41	0.029	0.08	0.2	0.02	4.1	<0.1	<0.05	4	<0.5	<0.2
1014046	Soil	11	31	0.50	156	0.078	<1	0.96	0.017	0.06	0.2	0.02	3.8	<0.1	<0.05	3	<0.5	<0.2
1014048	Soil	12	24	0.54	250	0.068	1	0.95	0.022	0.06	0.2	0.02	2.9	<0.1	<0.05	3	<0.5	<0.2
1014050	Soil	20	48	0.83	323	0.122	<1	1.98	0.016	0.08	0.2	0.03	8.6	<0.1	<0.05	6	<0.5	<0.2
1014132	Soil	9	39	1.05	266	0.124	2	1.96	0.016	0.38	0.1	0.01	4.6	0.1	<0.05	6	0.9	<0.2
1014134	Soil	12	30	0.89	305	0.080	2	1.20	0.023	0.19	0.1	0.04	3.8	<0.1	<0.05	4	0.8	<0.2
1014135	Soil	11	32	0.94	319	0.081	2	1.25	0.025	0.20	0.1	0.05	3.7	0.1	<0.05	4	0.7	<0.2
1014035	Soil	8	22	0.55	159	0.059	2	1.21	0.012	0.13	0.1	0.01	3.0	<0.1	<0.05	4	<0.5	<0.2
1014112	Soil	4	15	0.85	389	0.133	<1	1.59	0.019	0.59	<0.1	<0.01	1.8	<0.1	<0.05	6	<0.5	<0.2
1028749	Soil	17	29	1.35	356	0.187	1	2.23	0.018	0.50	0.1	0.03	4.1	0.2	<0.05	6	1.0	<0.2
1014131	Soil	8	26	1.41	411	0.204	2	2.40	0.020	0.77	0.1	<0.01	3.3	0.2	<0.05	8	<0.5	<0.2
1014129	Soil	7	36	1.19	227	0.154	2	1.72	0.018	0.57	<0.1	<0.01	3.2	0.2	<0.05	7	0.6	<0.2
1014133	Soil	9	35	0.96	250	0.123	2	1.84	0.016	0.35	0.1	0.02	4.4	<0.1	<0.05	6	0.6	<0.2
1014130	Soil	8	25	1.21	378	0.182	<1	2.18	0.019	0.65	<0.1	<0.01	3.5	0.2	<0.05	8	0.6	<0.2
1014155	Soil	9	19	1.14	172	0.229	1	2.05	0.011	0.78	<0.1	<0.01	1.4	0.3	<0.05	7	<0.5	<0.2
1014152	Soil	24	27	0.85	222	0.124	1	1.66	0.018	0.17	0.1	0.03	3.8	0.1	<0.05	5	<0.5	<0.2
1014153	Soil	12	145	1.89	187	0.148	2	2.91	0.009	0.36	<0.1	0.01	5.2	0.2	<0.05	9	<0.5	<0.2
1028750	Soil	15	23	1.14	245	0.170	1	2.18	0.009	0.56	0.1	0.02	3.3	0.2	<0.05	6	<0.5	<0.2
1014151	Soil	8	24	1.32	250	0.188	2	2.36	0.011	0.70	<0.1	<0.01	2.5	0.2	<0.05	7	1.0	<0.2

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000618.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014105	Soil		0.4	5.5	3.4	102	<0.1	10.3	14.9	679	4.84	3.1	0.4	1.0	6.2	38	<0.1	0.2	<0.1	111	0.68	0.189
1014109	Soil		0.4	3.5	3.9	84	<0.1	5.7	11.9	647	3.36	2.1	0.2	2.3	1.7	39	<0.1	0.2	<0.1	78	0.61	0.139
1014108	Soil		0.6	4.1	4.4	97	<0.1	7.7	13.0	540	3.46	3.4	0.2	<0.5	1.3	38	<0.1	0.2	<0.1	83	0.56	0.154
1014114	Soil		0.6	7.0	7.5	87	<0.1	10.9	11.4	626	3.31	5.0	0.3	1.1	2.3	42	<0.1	0.3	0.1	77	0.57	0.125
1014113	Soil		0.6	7.1	6.7	94	<0.1	8.8	13.6	756	4.10	5.6	0.4	<0.5	2.6	36	<0.1	0.4	0.3	92	0.74	0.156
1014104	Soil		0.6	5.8	7.3	66	<0.1	12.0	8.8	449	2.39	4.2	0.3	<0.5	2.9	34	<0.1	0.3	0.2	55	0.31	0.057
1014103	Soil		0.3	5.4	6.1	76	<0.1	6.8	8.7	485	3.20	29.5	0.9	1.2	13.4	25	<0.1	0.6	<0.1	73	0.43	0.173
1014107	Soil		0.6	6.4	5.7	70	<0.1	10.1	10.8	577	2.98	3.2	0.2	1.9	1.9	33	<0.1	0.3	0.1	71	0.36	0.064
1014106	Soil		0.6	6.6	5.5	89	<0.1	11.0	14.0	650	3.93	5.9	0.4	0.6	2.8	40	<0.1	0.4	<0.1	89	0.61	0.158
1014111	Soil		0.4	5.2	4.7	91	<0.1	8.7	13.0	713	3.52	3.8	0.3	1.1	2.3	39	<0.1	0.4	<0.1	81	0.58	0.151
1014110	Soil		0.4	11.3	19.6	71	<0.1	67.6	17.2	616	3.21	2.8	0.6	1.5	6.1	47	<0.1	0.1	<0.1	60	0.48	0.062
1014034	Soil		0.6	17.7	5.4	39	<0.1	15.6	7.4	285	1.92	5.2	0.6	0.7	4.6	29	<0.1	0.5	<0.1	40	0.37	0.088
1014128	Soil		0.4	24.4	4.2	69	<0.1	21.0	11.6	524	2.80	2.9	0.5	1.0	4.4	26	<0.1	0.2	<0.1	67	0.58	0.170
1014101	Soil		0.6	9.1	5.6	80	<0.1	12.7	10.8	633	3.82	5.8	0.4	2.6	4.6	32	<0.1	0.3	<0.1	86	0.41	0.112
1014102	Soil		0.6	8.5	6.5	88	<0.1	13.3	9.7	767	2.85	4.5	0.3	1.3	2.8	41	<0.1	0.3	<0.1	61	0.50	0.108
1014123	Soil		0.8	8.1	6.4	94	<0.1	11.0	13.3	778	3.99	7.4	0.5	1.9	3.0	48	<0.1	0.3	<0.1	87	0.77	0.152
1014125	Soil		0.6	43.1	11.3	76	0.1	29.9	13.1	602	3.07	7.9	0.8	4.8	4.2	80	<0.1	0.7	0.3	70	1.88	0.083
1014127	Soil		0.7	25.4	7.5	59	<0.1	19.9	9.4	486	2.37	6.5	0.6	6.4	4.8	57	0.2	0.6	0.1	49	1.17	0.098
1020808	Soil		0.5	35.7	6.5	47	<0.1	27.8	9.9	351	2.28	8.1	0.5	4.1	3.8	28	<0.1	0.7	0.1	49	0.41	0.059
1020809	Soil		0.6	27.7	7.4	60	<0.1	21.5	12.9	473	3.14	7.4	0.6	<0.5	4.6	28	<0.1	0.4	0.1	68	0.49	0.033
1014118	Soil		0.5	4.1	2.5	108	<0.1	7.4	14.4	694	3.74	2.0	0.2	0.7	1.1	42	<0.1	0.1	0.3	87	1.00	0.271
1014119	Soil		0.7	4.7	3.8	105	<0.1	6.7	14.5	759	3.91	3.0	0.2	1.4	1.3	38	<0.1	0.2	0.2	85	0.89	0.218
1014121	Soil		0.5	8.2	3.2	118	<0.1	8.8	16.3	802	4.55	3.7	0.6	1.5	1.8	39	<0.1	0.2	0.1	122	1.05	0.259
1014124	Soil		0.7	13.0	17.7	62	0.1	13.8	9.5	493	2.79	6.1	0.8	<0.5	3.3	30	<0.1	0.3	0.5	64	0.53	0.065
1014126	Soil		0.9	43.7	7.5	64	<0.1	34.9	13.8	661	2.73	9.0	0.6	1.5	4.2	74	0.3	0.7	0.2	61	2.65	0.071
1014115	Soil		0.8	10.8	8.0	106	<0.1	14.7	16.3	833	4.80	7.6	0.4	3.6	3.3	39	0.1	0.9	0.2	105	0.67	0.105
1014116	Soil		0.7	6.3	4.6	108	<0.1	9.0	16.8	885	4.91	5.7	0.2	2.4	1.6	38	<0.1	0.2	<0.1	119	0.94	0.188
1014117	Soil		0.6	7.2	4.5	117	<0.1	9.0	16.8	1016	4.76	6.1	0.3	1.2	2.2	58	<0.1	0.2	0.1	110	0.96	0.226
1014120	Soil		1.2	11.1	8.5	97	<0.1	15.4	14.9	709	4.85	10.9	0.5	<0.5	3.7	40	<0.1	0.5	0.2	112	0.65	0.086
1014122	Soil		0.5	4.3	3.1	75	<0.1	4.7	10.8	528	2.86	3.7	0.2	1.4	1.5	33	<0.1	0.2	0.1	73	0.84	0.194

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000618.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014105	Soil	14	15	1.41	241	0.101	2	2.67	0.023	0.50	<0.1	0.01	7.5	0.1	<0.05	11	0.6	<0.2
1014109	Soil	6	9	1.07	291	0.072	2	2.09	0.023	0.24	<0.1	<0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
1014108	Soil	3	13	1.28	224	0.172	<1	2.15	0.026	0.61	<0.1	<0.01	2.6	0.1	<0.05	8	<0.5	<0.2
1014114	Soil	6	21	0.87	433	0.101	3	2.12	0.025	0.24	<0.1	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1014113	Soil	6	17	1.12	274	0.091	2	2.15	0.046	0.27	<0.1	<0.01	7.2	<0.1	<0.05	9	<0.5	<0.2
1014104	Soil	7	19	0.68	251	0.073	<1	1.63	0.015	0.14	<0.1	<0.01	2.0	<0.1	<0.05	6	<0.5	<0.2
1014103	Soil	30	8	0.31	154	0.017	2	1.16	0.008	0.15	<0.1	0.16	8.4	0.2	<0.05	7	0.6	<0.2
1014107	Soil	6	18	0.77	337	0.106	2	1.74	0.022	0.12	<0.1	0.01	2.5	<0.1	<0.05	7	<0.5	<0.2
1014106	Soil	6	18	1.08	291	0.096	1	2.40	0.028	0.30	<0.1	<0.01	5.0	<0.1	<0.05	9	<0.5	<0.2
1014111	Soil	7	15	1.17	289	0.122	2	2.03	0.021	0.42	<0.1	<0.01	4.2	<0.1	<0.05	8	0.6	<0.2
1014110	Soil	9	126	1.89	200	0.101	<1	2.43	0.023	0.08	<0.1	<0.01	3.3	<0.1	<0.05	8	<0.5	<0.2
1014034	Soil	9	19	0.49	143	0.059	2	1.13	0.011	0.12	<0.1	<0.01	3.2	<0.1	<0.05	3	<0.5	<0.2
1014128	Soil	7	35	1.11	221	0.138	1	1.59	0.018	0.52	<0.1	<0.01	3.1	0.2	<0.05	7	0.6	<0.2
1014101	Soil	9	23	1.25	424	0.156	1	2.33	0.012	0.48	<0.1	<0.01	4.0	0.1	<0.05	9	<0.5	<0.2
1014102	Soil	8	21	0.82	391	0.073	2	1.92	0.018	0.15	<0.1	<0.01	2.6	<0.1	<0.05	7	<0.5	<0.2
1014123	Soil	8	20	1.19	331	0.093	<1	2.36	0.030	0.22	0.1	<0.01	6.0	<0.1	<0.05	9	<0.5	<0.2
1014125	Soil	13	36	1.05	285	0.110	3	1.69	0.023	0.22	<0.1	0.06	5.2	0.1	<0.05	6	1.0	<0.2
1014127	Soil	13	24	0.63	270	0.085	1	1.16	0.027	0.11	0.1	0.03	3.5	<0.1	<0.05	4	<0.5	<0.2
1020808	Soil	11	26	0.67	165	0.082	2	1.22	0.014	0.16	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
1020809	Soil	11	28	0.87	292	0.154	2	2.07	0.013	0.21	0.2	0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1014118	Soil	3	11	1.29	252	0.144	1	2.26	0.034	0.49	<0.1	0.01	3.8	<0.1	<0.05	10	<0.5	<0.2
1014119	Soil	5	13	1.23	263	0.126	2	2.11	0.030	0.36	<0.1	<0.01	3.9	<0.1	<0.05	8	0.5	<0.2
1014121	Soil	9	13	1.63	506	0.183	<1	2.35	0.028	0.89	<0.1	<0.01	5.8	0.1	<0.05	10	<0.5	<0.2
1014124	Soil	10	24	0.54	364	0.089	2	1.78	0.017	0.26	0.1	0.01	4.0	<0.1	<0.05	6	<0.5	<0.2
1014126	Soil	13	35	0.89	308	0.101	1	1.66	0.025	0.12	0.1	0.02	4.4	<0.1	0.06	5	<0.5	<0.2
1014115	Soil	8	28	1.31	325	0.098	2	2.72	0.017	0.21	0.2	0.02	6.3	<0.1	<0.05	11	<0.5	<0.2
1014116	Soil	4	14	1.48	335	0.146	2	2.49	0.041	0.46	<0.1	<0.01	5.8	0.1	<0.05	10	<0.5	<0.2
1014117	Soil	7	15	1.43	355	0.176	2	2.68	0.025	0.39	0.1	<0.01	6.2	<0.1	<0.05	11	0.7	<0.2
1014120	Soil	10	31	1.04	401	0.071	1	2.78	0.018	0.13	<0.1	<0.01	8.7	<0.1	<0.05	10	<0.5	<0.2
1014122	Soil	5	9	0.90	196	0.121	1	1.71	0.035	0.33	<0.1	<0.01	3.8	<0.1	<0.05	7	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028693	Soil		0.5	65.9	4.8	78	<0.1	10.0	16.2	560	4.55	4.4	0.9	<0.5	7.6	21	<0.1	0.3	0.1	68	0.37	0.084
1028689	Soil		1.0	11.1	10.3	75	<0.1	17.2	11.5	699	3.44	5.7	0.5	2.6	5.6	16	0.1	0.4	0.2	62	0.23	0.072
1028686	Soil		0.6	9.2	5.9	80	<0.1	13.8	14.4	1217	4.90	6.4	0.9	<0.5	19.8	16	<0.1	0.3	<0.1	54	0.35	0.101
1028687	Soil		0.4	13.4	9.5	61	<0.1	10.0	10.3	646	3.66	2.1	2.0	3.0	21.2	28	<0.1	0.2	0.2	29	0.52	0.095
1015461	Soil		0.6	16.8	3.7	74	<0.1	15.4	24.3	774	5.17	4.9	1.0	<0.5	8.7	40	<0.1	0.2	<0.1	104	0.79	0.103
1028694	Soil		0.4	61.5	3.3	105	<0.1	10.1	23.9	506	5.55	5.7	0.4	1.6	1.4	47	<0.1	0.2	<0.1	134	1.68	0.415
1028692	Soil		0.4	22.1	4.9	112	<0.1	14.1	22.9	999	6.23	7.2	0.8	1.9	4.8	48	0.1	0.4	<0.1	122	1.01	0.266
1028691	Soil		0.6	65.0	6.9	86	<0.1	16.3	16.5	634	3.92	6.5	0.9	<0.5	12.1	26	<0.1	0.3	0.1	81	0.36	0.041
1028688	Soil		0.8	16.3	9.0	47	<0.1	21.1	9.2	262	2.88	9.6	0.7	2.6	5.7	15	<0.1	0.6	0.2	61	0.15	0.018
1028697	Soil		0.6	15.6	4.4	64	<0.1	14.0	13.4	526	3.04	3.2	0.6	<0.5	6.2	24	0.1	0.2	<0.1	79	0.53	0.047
1020810	Soil		0.9	77.7	6.8	63	0.3	22.3	15.8	549	3.42	6.0	1.6	4.0	4.2	94	<0.1	0.6	<0.1	66	6.01	0.064
1020811	Soil		0.9	71.6	7.1	66	0.2	25.3	16.2	547	3.50	6.1	1.2	3.9	4.2	77	<0.1	0.5	<0.1	70	4.58	0.053
1028690	Soil		0.3	11.0	1.2	50	<0.1	416.1	32.1	514	3.02	2.1	0.6	1.1	2.7	14	<0.1	0.1	<0.1	68	0.41	0.024
1028695	Soil		0.8	64.6	5.5	70	<0.1	37.3	19.2	462	4.26	7.5	0.9	<0.5	7.8	18	<0.1	0.3	<0.1	112	0.37	0.058
1028696	Soil		0.3	11.1	3.0	92	<0.1	17.8	27.9	798	4.93	3.1	0.2	<0.5	2.9	35	<0.1	0.1	<0.1	119	0.58	0.073
1028683	Soil		0.6	32.0	5.5	58	<0.1	18.6	11.9	421	2.90	5.5	0.6	0.9	2.8	36	<0.1	0.3	0.2	70	0.47	0.045
1028736	Soil		1.0	21.3	9.8	59	<0.1	23.7	12.0	351	3.01	11.7	0.9	<0.5	5.3	22	<0.1	0.5	0.2	67	0.24	0.029
1028735	Soil		0.9	28.9	8.4	56	<0.1	19.8	10.1	291	2.77	9.5	1.0	2.7	3.6	27	<0.1	0.4	0.2	62	0.30	0.056
1015459	Soil		0.7	20.4	6.4	70	<0.1	19.0	16.8	522	3.96	8.1	0.6	1.1	7.0	24	<0.1	0.4	0.1	91	0.31	0.039
1015456	Soil		0.5	27.2	4.5	75	<0.1	12.7	19.8	645	4.34	6.3	0.3	<0.5	3.1	27	<0.1	0.1	<0.1	103	0.40	0.044
1015460	Soil		0.7	46.9	5.8	84	<0.1	14.8	20.3	893	5.81	9.6	2.7	0.7	16.2	17	<0.1	0.5	<0.1	150	0.37	0.070
1015463	Soil		0.5	28.9	7.3	78	<0.1	16.2	14.6	478	4.26	5.2	1.0	2.9	8.6	40	<0.1	0.3	0.1	91	0.75	0.044
1028685	Soil		0.5	15.1	6.3	67	<0.1	13.6	11.3	445	3.56	6.7	1.2	1.4	12.7	32	<0.1	0.4	<0.1	53	0.43	0.079
1028738	Soil		0.9	27.5	9.0	53	<0.1	25.3	11.7	334	2.88	9.7	1.1	1.6	5.8	23	<0.1	0.5	0.2	65	0.21	0.025
1028737	Soil		1.1	25.9	10.4	47	0.1	21.4	9.6	228	2.90	9.5	0.9	2.7	5.5	19	<0.1	0.5	0.2	67	0.20	0.034
1015466	Soil		0.5	53.7	6.5	107	<0.1	7.0	16.3	610	6.49	4.9	1.2	0.7	8.2	20	0.2	0.2	0.3	127	0.44	0.087
1015462	Soil		0.5	22.9	5.1	51	<0.1	17.8	10.2	367	2.73	5.8	0.8	2.4	4.1	41	<0.1	0.5	0.1	56	0.54	0.053
1015464	Soil		0.4	25.6	11.5	107	<0.1	15.0	20.1	808	5.84	4.5	1.8	1.1	9.5	31	<0.1	0.3	<0.1	132	0.59	0.041
1028684	Soil		0.7	20.4	8.1	68	<0.1	21.4	10.1	383	3.69	10.5	1.0	1.5	10.5	24	<0.1	0.6	0.1	63	0.28	0.051
1015465	Soil		1.0	12.4	7.8	67	<0.1	12.6	11.1	1167	3.00	6.4	0.5	1.9	3.0	33	0.1	0.4	0.1	69	0.44	0.088

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000618.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028693	Soil	29	14	1.19	202	0.105	<1	2.43	0.007	0.44	<0.1	<0.01	2.8	0.2	<0.05	8	<0.5	<0.2
1028689	Soil	17	27	0.64	292	0.053	2	2.15	0.008	0.10	0.1	0.01	2.8	0.1	<0.05	8	<0.5	<0.2
1028686	Soil	41	17	0.99	307	0.028	1	2.37	0.007	0.18	0.2	<0.01	5.3	<0.1	<0.05	10	<0.5	<0.2
1028687	Soil	51	13	0.60	311	0.008	<1	1.60	0.007	0.11	<0.1	<0.01	5.2	<0.1	<0.05	7	0.7	<0.2
1015461	Soil	19	28	1.99	486	0.220	2	3.23	0.010	0.85	0.1	<0.01	4.4	0.3	<0.05	9	0.9	<0.2
1028694	Soil	4	11	1.39	452	0.154	2	3.09	0.065	0.45	<0.1	<0.01	2.9	0.1	<0.05	10	<0.5	<0.2
1028692	Soil	13	16	1.67	301	0.122	1	3.29	0.015	0.42	<0.1	<0.01	3.9	<0.1	<0.05	12	<0.5	<0.2
1028691	Soil	10	27	1.38	284	0.128	2	2.76	0.009	0.36	<0.1	0.01	3.7	0.2	<0.05	10	<0.5	<0.2
1028688	Soil	11	34	0.41	233	0.061	1	1.78	0.008	0.07	<0.1	<0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1028697	Soil	16	26	0.92	191	0.095	<1	1.96	0.054	0.11	<0.1	<0.01	6.0	<0.1	<0.05	6	<0.5	<0.2
1020810	Soil	15	23	0.91	348	0.021	3	1.82	0.011	0.10	0.2	0.07	7.6	<0.1	0.15	5	<0.5	<0.2
1020811	Soil	15	26	1.03	307	0.038	3	1.96	0.012	0.10	0.2	0.06	7.7	<0.1	0.12	6	0.7	<0.2
1028690	Soil	14	665	3.80	76	0.094	1	2.64	0.005	0.06	<0.1	<0.01	4.3	0.1	<0.05	6	<0.5	<0.2
1028695	Soil	15	54	1.82	172	0.294	1	3.38	0.026	0.41	<0.1	<0.01	4.3	0.2	<0.05	9	<0.5	<0.2
1028696	Soil	4	35	2.43	521	0.369	<1	3.28	0.017	1.10	<0.1	<0.01	2.2	0.2	<0.05	8	<0.5	<0.2
1028683	Soil	11	27	0.83	193	0.126	1	1.94	0.014	0.09	0.1	<0.01	3.0	0.1	<0.05	6	<0.5	<0.2
1028736	Soil	14	37	0.57	190	0.086	3	2.26	0.011	0.06	0.2	0.03	3.6	0.1	<0.05	6	<0.5	<0.2
1028735	Soil	16	33	0.53	260	0.078	1	1.90	0.012	0.07	0.2	0.03	4.1	0.1	<0.05	6	<0.5	<0.2
1015459	Soil	14	33	1.29	322	0.193	2	2.44	0.009	0.65	0.2	<0.01	3.9	0.2	<0.05	7	<0.5	<0.2
1015456	Soil	5	25	1.75	290	0.271	3	2.71	0.012	1.13	<0.1	<0.01	3.5	0.3	<0.05	7	<0.5	<0.2
1015460	Soil	50	28	1.58	414	0.193	3	2.55	0.009	1.03	0.3	0.03	13.7	0.2	<0.05	10	<0.5	<0.2
1015463	Soil	24	33	0.98	222	0.176	2	2.17	0.027	0.06	<0.1	<0.01	6.7	<0.1	<0.05	9	<0.5	<0.2
1028685	Soil	35	22	0.71	275	0.110	1	2.03	0.009	0.13	<0.1	<0.01	3.9	<0.1	<0.05	7	0.8	<0.2
1028738	Soil	16	38	0.56	190	0.082	1	2.36	0.012	0.06	0.1	0.03	4.2	0.1	<0.05	6	0.5	<0.2
1028737	Soil	13	41	0.45	162	0.086	2	2.62	0.010	0.06	0.1	0.03	3.3	0.1	<0.05	6	<0.5	<0.2
1015466	Soil	16	12	1.04	253	0.140	1	2.83	0.022	0.33	<0.1	<0.01	11.1	0.3	<0.05	13	0.7	<0.2
1015462	Soil	11	28	0.68	251	0.100	2	1.48	0.015	0.04	<0.1	0.03	4.5	<0.1	<0.05	5	<0.5	<0.2
1015464	Soil	29	40	1.85	258	0.290	2	2.94	0.021	0.14	<0.1	<0.01	8.7	<0.1	<0.05	13	<0.5	<0.2
1028684	Soil	18	31	0.71	173	0.166	1	2.08	0.009	0.16	<0.1	0.02	3.1	<0.1	<0.05	7	<0.5	<0.2
1015465	Soil	7	24	0.52	317	0.070	1	1.59	0.013	0.07	0.1	0.02	3.0	<0.1	<0.05	6	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000618.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028699	Soil		0.7	14.3	5.8	67	<0.1	16.4	18.8	558	3.96	5.6	0.4	<0.5	4.4	39	<0.1	0.3	0.1	93	0.40	0.054
1028700	Soil		0.6	12.8	6.7	78	<0.1	16.6	17.1	575	4.32	9.4	0.5	1.9	6.8	21	<0.1	0.5	0.1	97	0.31	0.051
1028698	Soil		0.3	22.4	2.3	71	<0.1	12.6	23.7	748	4.72	3.0	0.3	0.5	6.1	38	<0.1	0.1	<0.1	116	0.47	0.071
1015452	Soil		0.8	20.2	5.7	63	<0.1	18.4	17.5	530	3.68	7.4	0.4	0.6	5.1	21	<0.1	0.4	<0.1	81	0.25	0.038
1015451	Soil		0.5	13.7	5.4	76	<0.1	16.9	19.1	665	4.65	6.9	0.7	1.1	8.7	24	<0.1	0.4	<0.1	104	0.26	0.037
1015458	Soil		0.6	19.6	6.5	65	<0.1	18.1	15.2	455	3.67	7.7	0.5	0.8	6.3	20	<0.1	0.5	0.1	80	0.23	0.037
1015457	Soil		0.6	15.3	4.5	82	<0.1	17.7	21.2	729	4.84	5.6	0.7	0.6	9.2	47	<0.1	0.3	<0.1	110	0.37	0.064
1015454	Soil		0.4	21.5	7.1	73	<0.1	15.3	21.1	645	4.35	5.4	0.4	<0.5	5.2	40	<0.1	0.3	<0.1	95	0.26	0.031
1015455	Soil		0.5	9.8	3.3	54	<0.1	10.8	16.7	548	3.47	4.1	0.3	1.3	4.5	14	<0.1	0.2	<0.1	81	0.30	0.067
1015453	Soil		0.7	34.4	14.5	100	<0.1	15.6	26.9	1063	6.80	11.1	2.0	0.9	17.9	16	<0.1	0.6	<0.1	163	0.17	0.016

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Project: PED
Report Date: August 05, 2011

CERTIFICATE OF ANALYSIS WHI11000618.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028699	Soil	8	29	1.43	221	0.258	2	2.57	0.012	0.44	<0.1	<0.01	2.5	0.1	<0.05	7	<0.5	<0.2
1028700	Soil	11	33	1.29	290	0.132	2	2.35	0.013	0.26	0.1	<0.01	5.8	<0.1	<0.05	8	<0.5	<0.2
1028698	Soil	14	25	2.35	457	0.392	1	3.04	0.017	1.42	<0.1	<0.01	2.4	0.3	<0.05	7	<0.5	<0.2
1015452	Soil	8	29	1.27	265	0.210	1	2.23	0.010	0.88	<0.1	<0.01	2.6	0.2	<0.05	6	<0.5	<0.2
1015451	Soil	24	31	1.58	324	0.275	<1	2.68	0.012	0.79	<0.1	<0.01	4.1	0.2	<0.05	8	<0.5	<0.2
1015458	Soil	12	31	1.16	284	0.169	2	2.25	0.009	0.48	0.1	<0.01	3.3	0.1	<0.05	6	<0.5	<0.2
1015457	Soil	22	29	2.03	346	0.302	1	2.87	0.012	1.21	0.1	<0.01	3.5	0.3	<0.05	8	0.5	<0.2
1015454	Soil	13	27	1.87	304	0.306	<1	2.71	0.011	1.32	<0.1	<0.01	1.9	0.3	<0.05	7	<0.5	<0.2
1015455	Soil	6	20	1.39	327	0.226	1	2.14	0.009	1.03	<0.1	<0.01	2.8	0.2	<0.05	5	<0.5	<0.2
1015453	Soil	32	34	1.91	286	0.265	5	3.13	0.010	1.21	0.1	0.03	9.7	0.3	<0.05	11	0.6	<0.2

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Project: PED
Report Date: August 05, 2011

QUALITY CONTROL REPORT WHI11000618.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1014484	Soil	1.6	79.5	4.7	148	0.1	18.7	15.5	1129	7.12	6.1	1.2	<0.5	6.7	29	<0.1	0.4	<0.1	144	0.46	0.079
REP 1014484	QC	1.6	74.7	4.5	135	0.1	17.3	14.6	1059	6.70	5.7	1.2	<0.5	6.4	26	0.1	0.3	<0.1	139	0.44	0.083
1014492	Soil	1.6	42.3	15.5	106	0.3	37.4	11.8	484	3.11	12.5	1.5	2.1	5.8	46	0.4	1.4	0.3	58	0.53	0.063
REP 1014492	QC	1.5	41.4	15.2	106	0.2	35.9	11.3	459	2.99	12.6	1.4	3.4	5.7	45	0.3	1.3	0.3	57	0.51	0.064
1014471	Soil	0.5	15.3	3.4	64	<0.1	9.8	8.8	597	3.60	4.9	0.5	3.2	2.7	11	<0.1	0.4	<0.1	33	0.17	0.052
REP 1014471	QC	0.4	15.4	3.4	65	<0.1	10.1	9.0	581	3.67	4.9	0.5	4.1	2.7	12	<0.1	0.4	<0.1	34	0.17	0.051
1014233	Soil	0.6	16.7	8.8	56	<0.1	15.0	9.9	308	2.75	4.6	0.6	1.7	4.6	26	<0.1	0.4	0.1	62	0.29	0.038
REP 1014233	QC	0.6	16.7	8.7	58	<0.1	15.7	10.7	321	2.87	5.3	0.6	3.4	4.9	27	<0.1	0.5	0.1	65	0.31	0.038
1028747	Soil	0.6	22.0	6.9	52	0.1	22.3	9.0	344	2.30	8.3	0.5	12.8	4.6	36	0.2	0.6	0.1	49	0.59	0.074
REP 1028747	QC	0.6	23.1	7.1	54	0.1	22.9	9.2	346	2.28	8.3	0.5	2.2	4.5	37	0.2	0.6	0.1	50	0.59	0.071
1014039	Soil	0.3	30.4	4.1	79	<0.1	17.0	18.5	727	4.24	3.8	0.9	<0.5	10.3	51	<0.1	0.2	0.2	113	0.85	0.079
REP 1014039	QC	0.3	32.1	4.1	81	<0.1	17.3	19.0	732	4.22	3.9	0.9	<0.5	10.2	52	<0.1	0.2	0.2	114	0.87	0.076
1014155	Soil	0.9	14.0	6.3	61	<0.1	11.9	12.9	488	3.27	4.5	0.5	1.6	7.6	30	<0.1	0.2	<0.1	67	0.32	0.035
REP 1014155	QC	0.7	13.5	6.3	60	<0.1	11.8	12.0	464	3.11	4.4	0.5	0.9	7.6	29	<0.1	0.2	<0.1	63	0.31	0.036
1020808	Soil	0.5	35.7	6.5	47	<0.1	27.8	9.9	351	2.28	8.1	0.5	4.1	3.8	28	<0.1	0.7	0.1	49	0.41	0.059
REP 1020808	QC	0.6	37.1	6.7	48	<0.1	28.2	10.3	363	2.36	8.1	0.6	2.7	4.0	30	<0.1	0.6	0.1	51	0.42	0.061
1014120	Soil	1.2	11.1	8.5	97	<0.1	15.4	14.9	709	4.85	10.9	0.5	<0.5	3.7	40	<0.1	0.5	0.2	112	0.65	0.086
REP 1014120	QC	1.1	11.5	8.0	94	<0.1	13.7	14.1	673	4.60	9.9	0.5	<0.5	3.5	38	<0.1	0.5	0.2	103	0.63	0.093
1028683	Soil	0.6	32.0	5.5	58	<0.1	18.6	11.9	421	2.90	5.5	0.6	0.9	2.8	36	<0.1	0.3	0.2	70	0.47	0.045
REP 1028683	QC	0.7	31.7	5.8	59	<0.1	18.3	11.5	413	2.83	5.7	0.6	1.3	2.8	35	0.1	0.3	0.1	67	0.44	0.043
1015451	Soil	0.5	13.7	5.4	76	<0.1	16.9	19.1	665	4.65	6.9	0.7	1.1	8.7	24	<0.1	0.4	<0.1	104	0.26	0.037
REP 1015451	QC	0.4	14.0	5.3	73	<0.1	17.2	19.0	668	4.62	6.5	0.7	1.9	8.9	25	<0.1	0.4	<0.1	106	0.26	0.037
Reference Materials																					
STD DS8	Standard	13.6	114.0	126.9	313	1.8	39.1	7.6	622	2.51	27.6	2.9	111.3	6.9	69	2.2	5.8	7.0	43	0.67	0.079
STD DS8	Standard	14.3	113.7	125.0	322	1.8	38.0	7.8	610	2.50	28.1	2.8	138.1	6.7	68	2.2	6.1	6.8	44	0.70	0.079
STD DS8	Standard	12.6	109.0	119.1	304	1.7	37.0	7.3	602	2.40	25.0	2.6	107.9	6.7	66	2.2	5.8	6.6	41	0.66	0.077
STD DS8	Standard	12.7	105.6	113.5	294	1.7	37.2	7.4	585	2.38	23.9	2.5	113.7	6.3	64	2.0	5.5	6.2	40	0.65	0.076
STD DS8	Standard	11.8	101.2	138.8	312	1.7	35.0	7.0	604	2.39	26.0	3.0	115.9	7.4	74	2.4	5.8	7.6	39	0.68	0.078

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 05, 2011

QUALITY CONTROL REPORT WHI11000618.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1014484	Soil	14	24	1.71	559	0.253	<1	3.05	0.009	0.55	<0.1	<0.01	16.0	0.1	<0.05	15	<0.5	<0.2
REP 1014484	QC	12	22	1.61	506	0.222	<1	2.80	0.009	0.49	<0.1	<0.01	14.7	<0.1	<0.05	14	0.7	<0.2
1014492	Soil	18	32	0.64	471	0.043	2	1.73	0.014	0.20	0.1	0.07	4.2	0.1	<0.05	6	<0.5	<0.2
REP 1014492	QC	17	31	0.63	445	0.043	4	1.69	0.015	0.19	0.2	0.06	4.0	0.1	<0.05	5	1.1	<0.2
1014471	Soil	5	12	0.55	198	0.147	1	1.77	0.012	0.47	<0.1	<0.01	3.4	<0.1	<0.05	7	1.0	<0.2
REP 1014471	QC	5	12	0.55	197	0.152	2	1.78	0.014	0.48	<0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1014233	Soil	14	29	0.80	165	0.149	<1	1.99	0.012	0.11	0.1	<0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
REP 1014233	QC	14	30	0.81	170	0.159	1	2.00	0.013	0.12	0.1	0.02	2.5	0.1	<0.05	6	0.8	<0.2
1028747	Soil	13	26	0.51	212	0.075	1	1.12	0.022	0.08	0.2	0.05	3.4	<0.1	<0.05	3	<0.5	<0.2
REP 1028747	QC	13	27	0.52	219	0.081	2	1.15	0.023	0.08	0.2	0.02	3.5	<0.1	<0.05	4	<0.5	<0.2
1014039	Soil	17	34	1.67	263	0.330	<1	3.40	0.022	0.73	<0.1	<0.01	3.8	0.1	<0.05	10	<0.5	<0.2
REP 1014039	QC	17	34	1.66	272	0.339	<1	3.35	0.023	0.70	<0.1	<0.01	3.9	0.1	<0.05	10	<0.5	<0.2
1014155	Soil	9	19	1.14	172	0.229	1	2.05	0.011	0.78	<0.1	<0.01	1.4	0.3	<0.05	7	<0.5	<0.2
REP 1014155	QC	9	19	1.12	166	0.220	1	1.97	0.009	0.74	<0.1	<0.01	1.2	0.3	<0.05	6	0.5	<0.2
1020808	Soil	11	26	0.67	165	0.082	2	1.22	0.014	0.16	<0.1	0.02	3.4	<0.1	<0.05	4	<0.5	<0.2
REP 1020808	QC	12	27	0.67	172	0.084	2	1.24	0.014	0.16	0.1	0.02	3.6	<0.1	<0.05	4	<0.5	<0.2
1014120	Soil	10	31	1.04	401	0.071	1	2.78	0.018	0.13	<0.1	<0.01	8.7	<0.1	<0.05	10	<0.5	<0.2
REP 1014120	QC	9	27	1.01	381	0.061	2	2.68	0.016	0.13	0.1	0.02	8.3	0.1	<0.05	10	<0.5	<0.2
1028683	Soil	11	27	0.83	193	0.126	1	1.94	0.014	0.09	0.1	<0.01	3.0	0.1	<0.05	6	<0.5	<0.2
REP 1028683	QC	10	27	0.84	188	0.115	2	1.91	0.012	0.09	0.1	0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1015451	Soil	24	31	1.58	324	0.275	<1	2.68	0.012	0.79	<0.1	<0.01	4.1	0.2	<0.05	8	<0.5	<0.2
REP 1015451	QC	24	31	1.60	326	0.290	2	2.72	0.013	0.78	<0.1	<0.01	4.2	0.2	<0.05	8	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	123	0.61	274	0.126	3	0.89	0.081	0.42	2.9	0.20	2.1	5.7	0.17	4	5.9	5.0
STD DS8	Standard	15	122	0.60	287	0.131	2	0.89	0.083	0.42	2.9	0.21	2.0	5.2	0.18	5	5.1	5.0
STD DS8	Standard	14	117	0.58	267	0.125	3	0.88	0.088	0.39	3.0	0.19	2.1	5.3	0.15	4	4.9	5.0
STD DS8	Standard	14	114	0.57	261	0.124	2	0.86	0.089	0.39	2.8	0.19	2.1	5.0	0.15	4	5.0	4.9
STD DS8	Standard	14	111	0.61	278	0.116	4	0.88	0.089	0.42	2.6	0.20	1.8	5.4	0.14	5	5.2	4.6

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 05, 2011

QUALITY CONTROL REPORT WHI11000618.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
STD DS8	Standard	12.5	107.2	137.3	327	1.8	37.2	7.3	636	2.52	28.1	3.0	134.2	7.5	77	2.2	6.1	7.6	41	0.70	0.082
STD DS8	Standard	12.2	102.6	137.3	309	1.8	35.3	7.2	596	2.41	25.9	3.0	111.0	7.4	75	2.5	6.1	7.4	41	0.65	0.078
STD DS8	Standard	13.1	106.0	142.7	320	1.9	37.0	7.2	620	2.48	27.4	3.3	122.8	8.1	77	2.1	6.1	7.6	42	0.71	0.079
STD DS8	Standard	12.2	103.4	138.2	299	1.7	36.2	6.9	586	2.36	25.7	3.0	113.2	7.1	72	2.4	6.3	7.7	39	0.65	0.081
STD DS8	Standard	11.9	99.8	131.8	298	1.7	34.1	6.8	586	2.32	25.0	2.9	111.4	7.7	71	2.1	6.0	7.5	38	0.65	0.077
STD DS8	Standard	15.0	115.4	134.6	327	1.8	40.9	8.1	668	2.64	27.8	3.1	113.8	8.1	68	2.4	5.4	6.4	44	0.78	0.079
STD DS8	Standard	13.8	112.8	128.9	313	1.8	37.6	7.6	636	2.50	25.9	2.8	112.1	7.7	66	2.2	5.2	6.0	45	0.72	0.077
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 05, 2011

QUALITY CONTROL REPORT WHI11000618.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
STD DS8	Standard	14	114	0.64	280	0.122	3	0.95	0.095	0.44	2.9	0.19	2.0	5.5	0.16	5	5.9	4.9
STD DS8	Standard	15	113	0.62	282	0.123	2	0.90	0.086	0.40	3.1	0.19	1.9	5.1	0.14	5	5.9	4.9
STD DS8	Standard	16	118	0.63	286	0.129	2	0.94	0.090	0.43	2.9	0.19	2.0	5.3	0.15	5	5.9	5.1
STD DS8	Standard	14	112	0.62	273	0.115	2	0.87	0.088	0.41	2.8	0.20	1.7	5.2	0.13	5	6.3	5.1
STD DS8	Standard	14	105	0.63	268	0.114	2	0.84	0.083	0.40	2.7	0.19	1.5	5.3	0.11	4	5.7	5.0
STD DS8	Standard	18	129	0.60	282	0.133	4	1.00	0.091	0.45	3.1	0.21	2.2	5.6	0.19	5	6.2	5.2
STD DS8	Standard	17	125	0.56	277	0.130	2	0.92	0.085	0.43	3.2	0.20	2.2	5.4	0.18	5	5.0	5.5
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 08, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS WHI11000702.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 180

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	180	Dry at 60C			VAN
SS80	180	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	180	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
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Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 08, 2011

CERTIFICATE OF ANALYSIS WHI11000702.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1062740	Soil	0.5	28.8	8.8	55	<0.1	23.3	9.8	452	2.50	8.7	0.5	4.1	1.3	44	0.3	0.6	0.2	52	2.00	0.055
1062739	Soil	0.6	29.6	9.6	65	0.1	24.3	10.6	534	2.51	9.5	0.5	2.4	1.6	46	0.3	0.6	0.2	56	2.52	0.055
1062550	Soil	0.7	26.7	8.5	59	<0.1	21.5	9.8	454	2.37	8.1	0.5	2.3	1.6	58	0.2	0.7	0.1	52	3.15	0.052
1026671	Soil	0.7	28.4	9.5	60	0.1	25.2	11.0	527	2.67	9.8	0.5	2.7	1.5	59	0.3	0.6	0.2	50	2.96	0.054
1062549	Soil	0.6	32.0	10.0	63	0.1	25.8	10.8	472	2.67	9.4	0.5	5.9	1.4	43	0.2	0.8	0.2	54	1.58	0.061
1062548	Soil	0.6	30.4	9.4	60	0.1	27.8	11.1	504	2.58	8.8	0.5	1.8	1.4	45	0.3	0.9	0.1	53	2.34	0.056
1011897	Soil	0.9	35.8	9.3	69	0.1	26.8	14.1	595	3.27	9.2	0.5	3.4	3.2	35	0.3	1.2	0.1	70	1.55	0.074
1011898	Soil	0.5	25.4	8.6	56	0.1	21.7	10.8	559	2.50	8.0	0.8	3.9	1.5	37	0.1	0.8	0.1	52	1.61	0.061
1011899	Soil	0.5	31.5	10.1	60	0.1	26.9	13.2	510	2.83	10.7	0.5	1.9	1.8	34	0.3	1.2	0.1	62	1.70	0.060
1062547	Soil	0.8	24.1	10.0	66	0.1	27.1	11.4	491	2.65	10.1	0.5	3.0	2.2	47	0.3	1.5	0.1	60	2.65	0.063
1011900	Soil	0.8	28.5	11.6	67	0.1	29.1	11.5	494	2.73	19.2	0.5	3.5	1.6	37	0.4	1.2	0.1	62	2.23	0.051
1015050	Soil	0.6	39.8	11.2	73	0.2	20.8	12.3	664	3.15	9.3	0.6	3.5	2.4	31	0.3	4.7	0.1	65	0.84	0.080
1062744	Soil	0.5	31.6	8.5	61	<0.1	17.0	9.9	483	2.64	5.7	0.5	2.2	1.6	80	0.3	0.4	<0.1	65	4.57	0.113
1062742	Soil	0.5	33.1	8.7	62	0.1	23.3	10.9	510	2.56	8.7	0.5	5.7	1.8	45	0.3	0.8	0.1	56	2.03	0.064
1062741	Soil	0.5	27.2	8.0	54	<0.1	23.9	9.7	517	2.43	6.8	0.5	1.1	2.2	82	0.3	0.5	<0.1	58	5.15	0.074
1062743	Soil	0.6	30.2	7.1	64	<0.1	20.0	9.7	547	2.56	7.3	0.5	3.0	2.0	67	0.3	0.4	<0.1	60	3.99	0.096
1062745	Soil	0.5	38.7	9.5	65	0.1	20.0	10.4	488	2.68	7.2	0.5	1.9	1.8	54	0.2	0.5	0.1	64	1.98	0.082
1062746	Soil	0.3	43.5	7.4	62	0.1	22.4	11.7	445	2.63	6.6	0.8	2.7	1.5	65	0.2	0.6	0.1	59	1.91	0.078
1062747	Soil	0.4	44.7	8.2	58	0.1	21.8	12.4	651	2.69	6.5	1.1	2.7	1.7	60	0.3	0.5	0.1	63	1.87	0.089
1015084	Soil	0.2	114.3	4.4	148	<0.1	11.3	15.4	785	4.67	0.9	0.5	3.4	3.3	65	<0.1	<0.1	<0.1	87	0.89	0.223
1015083	Soil	0.2	111.4	4.3	142	<0.1	10.1	14.4	770	4.40	0.9	0.5	0.8	3.4	68	<0.1	<0.1	<0.1	84	0.85	0.214
1015082	Soil	0.2	9.0	3.3	96	<0.1	26.9	20.5	782	4.77	4.0	0.5	1.2	3.3	19	<0.1	0.2	<0.1	144	0.33	0.081
1015085	Soil	0.3	47.6	3.5	51	<0.1	15.0	18.3	451	3.34	3.6	0.4	1.5	1.1	75	<0.1	0.2	<0.1	89	2.27	0.807
1015087	Soil	0.4	553.0	2.8	74	<0.1	13.6	30.6	317	9.12	1.7	0.7	1.7	3.8	112	<0.1	<0.1	<0.1	275	1.34	0.405
1015086	Soil	3.0	69.4	9.0	78	<0.1	23.6	21.9	817	5.25	14.0	0.6	13.0	3.9	26	0.1	0.3	<0.1	113	0.40	0.055
1015089	Soil	10.3	92.7	3.7	71	0.1	15.7	9.9	297	7.50	6.5	0.6	1.8	4.5	99	<0.1	<0.1	<0.1	200	0.30	0.085
1015088	Soil	9.9	101.3	4.2	76	0.1	17.1	11.2	318	7.74	8.1	0.7	3.6	4.7	93	<0.1	<0.1	<0.1	204	0.32	0.089
1062738	Soil	0.6	68.0	3.0	193	<0.1	8.9	17.6	1053	5.22	5.8	0.5	1.8	4.6	23	0.2	<0.1	<0.1	181	0.71	0.150
1015090	Soil	0.5	66.3	2.8	185	<0.1	8.7	17.0	976	5.04	5.3	0.5	1.6	4.3	23	0.2	<0.1	<0.1	172	0.70	0.143
1013291	Soil	2.2	89.3	5.3	151	<0.1	19.3	22.2	1082	6.99	39.8	0.6	1.1	3.9	29	0.1	0.2	<0.1	157	0.68	0.283

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Project: PED
Report Date: August 08, 2011

CERTIFICATE OF ANALYSIS WHI11000702.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1062740	Soil	12	27	0.90	259	0.042	3	1.43	0.017	0.05	0.2	0.06	2.7	<0.1	0.09	4	0.8	<0.2
1062739	Soil	12	28	1.27	246	0.045	3	1.53	0.018	0.05	0.2	0.05	3.0	<0.1	0.10	4	<0.5	<0.2
1062550	Soil	11	27	1.29	195	0.044	3	1.51	0.017	0.04	0.2	0.05	2.9	<0.1	0.06	5	<0.5	<0.2
1026671	Soil	12	27	0.64	226	0.043	3	1.38	0.020	0.04	0.2	0.05	2.7	<0.1	0.06	4	<0.5	<0.2
1062549	Soil	12	28	0.69	253	0.042	3	1.63	0.019	0.05	0.2	0.06	2.8	<0.1	0.11	5	<0.5	<0.2
1062548	Soil	12	32	1.07	273	0.044	2	1.51	0.019	0.05	0.2	0.07	3.0	<0.1	0.09	4	<0.5	<0.2
1011897	Soil	13	31	1.32	340	0.075	2	1.72	0.019	0.06	0.3	0.10	4.5	<0.1	0.05	5	<0.5	<0.2
1011898	Soil	11	26	0.71	317	0.042	2	1.47	0.015	0.04	0.3	0.08	3.0	<0.1	0.09	4	0.7	<0.2
1011899	Soil	12	31	0.95	362	0.046	3	1.50	0.017	0.04	0.3	0.16	3.3	<0.1	0.08	5	<0.5	<0.2
1062547	Soil	12	32	0.99	239	0.048	3	1.45	0.018	0.06	0.3	0.10	4.2	0.1	<0.05	4	0.5	<0.2
1011900	Soil	12	36	0.83	401	0.047	2	1.49	0.018	0.05	0.3	0.27	3.8	0.1	0.05	4	<0.5	<0.2
1015050	Soil	12	27	0.80	529	0.066	2	1.76	0.016	0.06	0.2	0.20	4.9	<0.1	<0.05	5	<0.5	<0.2
1062744	Soil	9	19	2.32	179	0.050	3	1.94	0.027	0.06	0.1	0.04	3.5	<0.1	0.06	6	<0.5	<0.2
1062742	Soil	12	27	0.95	235	0.050	2	1.50	0.019	0.05	0.2	0.06	3.1	<0.1	0.07	5	<0.5	<0.2
1062741	Soil	10	37	2.28	200	0.061	2	1.82	0.020	0.05	0.2	0.04	3.8	<0.1	0.05	6	<0.5	<0.2
1062743	Soil	10	24	2.39	186	0.059	3	1.83	0.025	0.05	0.2	0.04	3.2	<0.1	0.07	6	0.6	<0.2
1062745	Soil	10	25	1.05	203	0.057	3	1.54	0.022	0.05	0.2	0.05	3.6	<0.1	<0.05	5	<0.5	<0.2
1062746	Soil	10	26	0.77	283	0.053	4	1.55	0.023	0.05	0.1	0.08	3.8	<0.1	0.07	5	0.8	<0.2
1062747	Soil	11	26	0.82	304	0.050	3	1.50	0.023	0.04	0.1	0.04	4.1	<0.1	0.09	5	<0.5	<0.2
1015084	Soil	15	19	1.89	780	0.110	<1	2.64	0.015	0.41	<0.1	<0.01	2.0	<0.1	<0.05	10	0.6	<0.2
1015083	Soil	15	19	1.90	802	0.108	<1	2.66	0.017	0.41	<0.1	<0.01	2.0	<0.1	<0.05	10	<0.5	<0.2
1015082	Soil	13	67	2.93	699	0.296	1	3.48	0.012	1.54	<0.1	<0.01	7.4	0.5	<0.05	11	<0.5	<0.2
1015085	Soil	4	22	1.55	340	0.052	1	2.09	0.056	0.33	<0.1	0.02	4.3	0.1	<0.05	7	<0.5	<0.2
1015087	Soil	29	12	1.61	371	0.116	1	2.71	0.071	1.56	<0.1	<0.01	7.8	0.3	0.81	11	1.3	<0.2
1015086	Soil	13	38	1.67	388	0.175	2	2.36	0.027	0.49	<0.1	0.01	7.5	0.2	0.07	9	0.9	0.4
1015089	Soil	13	88	1.20	323	0.211	<1	3.10	0.084	1.29	<0.1	<0.01	7.6	0.4	0.76	12	3.1	0.6
1015088	Soil	13	87	1.24	365	0.206	<1	3.18	0.088	1.32	<0.1	<0.01	8.1	0.4	0.79	13	3.1	0.5
1062738	Soil	14	19	1.96	556	0.217	<1	2.78	0.013	1.19	<0.1	<0.01	10.4	0.2	0.06	11	<0.5	<0.2
1015090	Soil	14	19	1.89	546	0.184	<1	2.59	0.013	1.25	<0.1	<0.01	9.9	0.2	0.05	10	<0.5	<0.2
1013291	Soil	12	36	1.80	454	0.225	<1	3.48	0.015	0.76	<0.1	0.01	8.7	0.2	0.13	13	1.1	<0.2

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Project: PED
Report Date: August 08, 2011

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1015047	Soil	0.5	21.4	4.9	77	<0.1	19.1	13.2	563	3.82	7.1	0.5	1.4	3.2	29	<0.1	0.4	<0.1	84	0.56	0.105
1054112	Soil	1.4	24.3	11.6	44	0.2	9.6	4.3	161	3.17	6.6	0.7	2.3	1.8	22	<0.1	0.4	0.2	68	0.12	0.052
1015048	Soil	0.7	20.9	8.2	72	<0.1	21.3	14.6	590	4.19	8.3	0.6	2.6	3.8	28	<0.1	0.5	0.1	92	0.41	0.087
1015049	Soil	0.6	18.5	9.5	87	<0.1	23.3	14.7	653	4.45	7.3	0.7	2.7	3.7	26	0.2	0.8	0.1	95	0.64	0.090
1054106	Soil	1.0	20.5	20.9	80	0.2	17.4	13.1	683	3.42	6.1	1.3	14.8	1.6	23	0.3	0.3	0.4	77	0.32	0.075
1054105	Soil	1.0	21.0	23.5	77	0.2	18.9	10.6	442	3.36	6.3	2.0	162.6	2.1	23	0.1	0.3	0.5	78	0.27	0.059
1054130	Soil	0.5	36.1	5.1	65	<0.1	23.4	15.0	264	2.71	2.3	0.6	4.9	4.3	27	0.1	0.3	0.1	57	0.45	0.105
1054127	Soil	0.4	31.3	5.9	69	<0.1	32.1	15.2	321	3.38	4.7	0.5	24.4	3.6	24	<0.1	0.3	0.1	74	0.36	0.089
1054132	Soil	0.5	40.1	5.8	72	<0.1	20.2	13.6	326	3.00	3.7	0.8	6.6	4.7	23	0.1	0.3	0.1	66	0.36	0.089
1054131	Soil	0.7	36.1	5.6	66	<0.1	20.2	12.8	312	3.24	4.7	0.7	1.3	4.3	21	<0.1	0.3	0.1	66	0.39	0.101
1054126	Soil	1.0	18.8	17.9	59	<0.1	22.5	8.9	317	3.17	9.3	0.6	6.1	1.1	14	<0.1	0.6	0.2	64	0.16	0.038
1054121	Soil	0.7	16.3	4.0	48	<0.1	10.5	9.8	248	2.25	1.3	0.5	2.3	1.8	21	<0.1	0.2	0.1	57	0.27	0.070
1054118	Soil	0.7	33.1	5.0	75	<0.1	25.3	18.3	497	3.63	5.6	0.6	1.0	5.6	28	<0.1	0.3	0.2	73	0.40	0.094
1054120	Soil	0.6	36.1	4.6	64	<0.1	23.1	17.1	383	3.31	4.4	0.7	2.2	4.9	24	<0.1	0.3	<0.1	67	0.33	0.073
1054122	Soil	0.7	23.8	5.8	61	<0.1	20.7	14.2	372	3.16	5.4	0.6	3.8	3.1	30	0.1	0.3	0.1	66	0.34	0.072
1054119	Soil	0.8	35.5	5.2	75	<0.1	25.9	19.4	541	3.70	4.8	0.7	1.9	5.5	28	<0.1	0.3	0.1	75	0.39	0.096
1054111	Soil	1.6	14.9	9.6	45	0.1	14.5	7.8	199	3.74	9.3	0.6	1.6	2.9	14	<0.1	0.6	0.2	79	0.13	0.033
1054129	Soil	0.6	28.7	4.8	70	<0.1	24.9	19.3	472	3.34	2.5	0.4	13.9	2.6	28	0.1	0.2	<0.1	69	0.35	0.086
1054114	Soil	1.3	54.4	9.5	64	0.1	27.4	20.5	258	2.58	5.7	1.3	22.7	1.6	24	0.4	0.3	0.3	49	0.20	0.056
1054128	Soil	0.6	38.6	8.0	78	0.1	25.2	13.7	288	3.07	7.3	1.6	2.3	4.1	25	0.3	0.5	0.1	70	0.32	0.089
1054115	Soil	1.1	38.8	11.7	63	0.2	17.9	9.6	213	3.21	5.6	0.8	7.3	2.0	26	0.3	0.4	0.3	66	0.16	0.056
1054124	Soil	0.8	24.5	6.4	73	<0.1	24.7	14.9	498	3.53	6.9	0.5	19.2	2.6	56	0.2	0.4	0.1	79	0.42	0.098
1054125	Soil	0.6	25.4	5.6	54	<0.1	17.3	11.2	270	3.02	5.9	0.8	1.7	2.3	19	0.2	0.4	0.1	68	0.28	0.067
1054108	Soil	0.8	25.8	7.9	65	0.1	19.5	12.1	317	2.89	5.8	1.4	2.2	4.0	21	<0.1	0.3	0.2	61	0.29	0.078
1054103	Soil	0.9	15.9	12.5	65	<0.1	17.4	10.6	517	2.86	5.8	1.2	5.4	3.7	21	0.2	0.3	0.2	65	0.31	0.075
1054109	Soil	0.6	19.1	5.6	61	<0.1	19.1	9.4	279	2.38	5.2	0.8	3.8	4.0	21	0.2	0.4	0.1	55	0.33	0.091
1054104	Soil	0.7	18.0	14.7	39	0.2	15.1	6.8	177	2.09	4.7	2.0	3.9	0.8	19	<0.1	0.3	0.3	47	0.18	0.051
1054113	Soil	1.0	57.5	10.2	74	0.1	30.1	14.6	205	3.10	6.7	1.5	2.4	5.8	24	0.3	0.4	0.3	66	0.29	0.064
1054123	Soil	0.5	22.2	6.1	79	<0.1	20.4	15.7	709	3.43	4.5	0.6	1.5	2.4	52	0.1	0.3	0.1	72	0.42	0.070
1054110	Soil	1.1	23.5	6.8	74	<0.1	19.5	13.4	401	3.27	5.6	1.0	3.7	4.1	24	0.1	0.4	0.1	68	0.30	0.087

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1015047	Soil	13	32	1.13	302	0.128	1	1.88	0.015	0.24	0.1	0.02	5.4	0.1	0.08	7	<0.5	<0.2
1054112	Soil	10	20	0.41	183	0.095	<1	1.74	0.018	0.24	0.1	0.03	1.4	0.3	0.28	8	<0.5	<0.2
1015048	Soil	11	37	1.02	330	0.093	1	2.30	0.017	0.13	0.1	0.02	6.1	<0.1	0.06	8	0.5	<0.2
1015049	Soil	20	35	0.96	569	0.073	2	1.99	0.014	0.12	0.2	0.04	9.8	<0.1	0.09	7	<0.5	<0.2
1054106	Soil	16	24	0.74	236	0.114	2	1.94	0.015	0.24	0.2	0.05	3.6	0.2	0.12	8	<0.5	<0.2
1054105	Soil	17	31	0.77	280	0.093	2	2.24	0.015	0.14	0.2	0.05	4.5	0.2	0.13	8	<0.5	<0.2
1054130	Soil	12	44	0.99	186	0.122	1	1.68	0.017	0.22	0.2	0.03	2.6	0.1	<0.05	5	<0.5	<0.2
1054127	Soil	10	55	1.12	170	0.136	1	2.34	0.013	0.21	0.2	0.02	3.6	0.2	<0.05	6	<0.5	<0.2
1054132	Soil	16	35	0.93	202	0.134	2	1.88	0.013	0.25	0.2	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1054131	Soil	16	36	0.93	183	0.129	<1	1.93	0.013	0.23	0.1	0.03	3.3	0.2	<0.05	6	0.5	<0.2
1054126	Soil	8	35	0.53	104	0.060	1	1.97	0.007	0.06	0.1	0.04	2.2	<0.1	<0.05	6	<0.5	<0.2
1054121	Soil	9	23	0.65	171	0.125	<1	1.14	0.017	0.23	<0.1	0.05	1.2	0.1	<0.05	5	<0.5	<0.2
1054118	Soil	13	44	1.16	152	0.142	<1	2.08	0.014	0.29	0.1	0.02	2.8	0.2	<0.05	6	<0.5	<0.2
1054120	Soil	14	40	0.99	121	0.132	<1	1.88	0.014	0.25	0.2	0.02	2.7	0.2	<0.05	6	0.6	<0.2
1054122	Soil	10	33	0.87	175	0.118	1	1.73	0.014	0.12	0.2	0.05	2.7	0.1	<0.05	5	0.7	<0.2
1054119	Soil	14	48	1.22	168	0.147	1	2.15	0.015	0.33	0.1	0.02	2.8	0.2	<0.05	6	0.6	<0.2
1054111	Soil	9	28	0.44	112	0.110	<1	1.85	0.008	0.08	0.1	0.04	2.1	0.1	<0.05	7	<0.5	<0.2
1054129	Soil	8	58	1.48	233	0.159	<1	2.16	0.015	0.59	<0.1	0.03	1.8	0.2	<0.05	6	<0.5	<0.2
1054114	Soil	15	37	0.60	168	0.053	<1	2.04	0.012	0.13	<0.1	0.04	2.3	0.2	<0.05	5	1.3	<0.2
1054128	Soil	19	38	0.92	316	0.112	<1	2.11	0.015	0.12	0.2	0.07	4.8	0.1	<0.05	6	0.8	<0.2
1054115	Soil	13	61	0.54	199	0.067	<1	1.95	0.022	0.23	<0.1	0.04	3.4	0.2	0.18	6	1.7	<0.2
1054124	Soil	8	32	1.00	262	0.163	<1	2.22	0.014	0.18	0.2	0.03	2.7	0.1	<0.05	6	<0.5	<0.2
1054125	Soil	8	28	0.73	132	0.116	1	2.00	0.014	0.12	0.1	0.03	3.1	<0.1	<0.05	5	0.6	<0.2
1054108	Soil	14	30	0.68	219	0.102	<1	1.90	0.010	0.17	0.2	0.01	3.5	0.2	<0.05	5	0.6	<0.2
1054103	Soil	13	26	0.63	187	0.099	<1	1.49	0.014	0.16	0.2	0.02	3.7	0.1	<0.05	5	0.5	<0.2
1054109	Soil	12	27	0.55	120	0.101	<1	1.37	0.013	0.14	0.3	0.01	2.4	0.1	<0.05	4	0.6	<0.2
1054104	Soil	16	30	0.38	231	0.055	<1	1.41	0.011	0.08	0.1	0.06	3.0	0.1	<0.05	6	0.7	<0.2
1054113	Soil	17	54	0.71	203	0.099	1	2.00	0.012	0.10	0.2	0.03	4.8	0.2	<0.05	6	1.3	<0.2
1054123	Soil	10	31	1.07	263	0.099	<1	2.13	0.012	0.21	0.1	0.03	3.6	0.1	<0.05	7	0.6	<0.2
1054110	Soil	14	28	0.75	160	0.146	1	1.85	0.011	0.27	0.1	0.01	2.4	0.3	<0.05	6	0.5	<0.2

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Project: PED
Report Date: August 08, 2011

CERTIFICATE OF ANALYSIS WHI11000702.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054116	Soil		1.0	27.5	6.4	71	<0.1	21.4	12.8	448	3.02	5.7	1.5	13.3	6.5	23	0.1	0.4	0.1	65	0.35	0.098
1055990	Soil		0.7	17.5	7.3	76	<0.1	15.7	13.6	692	3.39	5.0	0.6	2.3	2.2	18	0.1	0.4	0.1	84	0.31	0.091
1055987	Soil		0.6	21.8	12.0	55	<0.1	19.0	9.2	196	2.62	6.8	0.9	5.9	2.9	18	0.1	0.4	0.2	58	0.30	0.079
1055985	Soil		0.8	34.4	9.0	91	0.2	18.3	12.2	334	3.65	6.0	0.8	2.7	3.1	22	<0.1	0.4	0.3	78	0.34	0.085
1055984	Soil		0.7	29.4	7.9	71	0.2	18.4	25.8	527	3.18	6.9	1.1	3.3	3.5	16	0.1	0.4	0.2	65	0.20	0.052
1054363	Soil		0.9	22.7	8.0	51	0.2	11.6	8.2	249	3.71	5.3	0.5	1.8	1.8	12	0.1	0.4	0.1	95	0.15	0.050
1054360	Soil		0.9	24.8	7.0	67	<0.1	20.2	13.4	344	2.86	4.4	0.7	1.9	2.9	22	0.1	0.3	0.1	66	0.31	0.069
1054352	Soil		0.7	9.6	6.0	59	0.1	13.3	12.2	267	2.93	3.8	0.5	2.9	1.6	13	0.1	0.3	0.1	81	0.19	0.058
1055988	Soil		0.8	11.7	10.8	50	<0.1	15.4	9.2	246	2.14	3.7	0.7	2.8	1.7	17	0.2	0.3	0.2	54	0.25	0.076
1055989	Soil		0.5	29.3	16.2	76	<0.1	25.2	16.9	662	2.89	4.5	0.8	4.1	1.5	23	0.2	0.3	0.4	73	0.42	0.118
1054365	Soil		1.0	20.9	8.9	65	<0.1	17.1	11.0	441	3.30	7.7	0.7	1.9	2.8	17	0.1	0.4	0.2	68	0.23	0.058
1054356	Soil		0.4	18.4	4.6	65	<0.1	15.8	10.4	271	2.44	3.4	0.5	0.9	2.5	24	0.1	0.3	<0.1	59	0.34	0.086
1054361	Soil		1.3	21.3	9.6	63	<0.1	16.3	9.1	309	3.08	4.9	0.7	<0.5	1.3	19	<0.1	0.3	0.4	62	0.23	0.051
1054367	Soil		1.3	24.5	10.6	62	<0.1	20.4	10.8	367	3.58	7.6	0.7	2.4	2.9	20	<0.1	0.3	0.3	65	0.23	0.045
1054364	Soil		0.8	60.8	10.6	115	0.2	21.9	16.3	270	4.85	8.4	0.9	8.1	3.4	25	0.3	0.5	0.3	84	0.29	0.092
1054358	Soil		0.7	25.9	11.3	76	0.2	20.9	16.7	474	3.80	6.9	1.3	1.4	2.8	22	<0.1	0.3	0.2	73	0.30	0.076
1054366	Soil		1.1	20.9	9.4	66	0.1	17.9	10.5	359	3.48	8.2	0.6	<0.5	2.2	18	<0.1	0.4	0.2	73	0.20	0.055
1054362	Soil		1.1	33.6	11.8	67	0.1	16.6	10.5	428	3.51	8.2	1.0	5.5	2.1	19	0.1	0.3	0.2	73	0.25	0.067
1054368	Soil		0.8	23.0	10.9	73	<0.1	20.6	11.4	401	3.65	8.4	0.6	<0.5	1.2	20	0.2	0.3	0.2	71	0.28	0.072
1054351	Soil		0.8	48.4	5.8	73	0.2	17.4	19.2	530	3.45	6.3	0.8	1.1	2.7	23	<0.1	0.3	0.1	69	0.38	0.094
1055986	Soil		0.4	24.0	10.1	70	<0.1	19.6	9.7	225	2.36	6.1	0.8	3.5	3.3	22	<0.1	0.4	0.2	53	0.40	0.074
1054353	Soil		1.2	16.3	7.8	47	0.2	10.9	9.3	353	2.45	5.8	0.5	<0.5	1.2	20	0.4	0.4	0.2	82	0.23	0.043
1054357	Soil		0.6	16.5	8.9	76	<0.1	14.0	11.9	465	3.18	5.5	0.6	<0.5	2.0	25	0.1	0.2	0.1	66	0.39	0.093
1055982	Soil		1.0	27.8	7.5	98	<0.1	14.7	13.2	733	5.96	7.1	0.7	<0.5	2.4	16	0.1	0.3	0.1	123	0.21	0.067
1054354	Soil		0.5	29.7	6.5	70	0.1	21.3	12.6	348	2.69	6.0	0.9	<0.5	3.1	26	<0.1	0.3	<0.1	61	0.39	0.088
1054359	Soil		1.0	22.8	7.9	67	<0.1	18.2	12.0	278	3.39	6.7	0.7	3.3	2.0	23	<0.1	0.3	0.1	68	0.34	0.070
1054355	Soil		0.6	16.5	7.4	67	<0.1	14.0	9.9	318	3.08	6.4	0.5	<0.5	1.7	20	<0.1	0.3	0.1	64	0.32	0.088
1055983	Soil		1.0	20.7	8.6	73	<0.1	17.6	13.4	763	4.26	9.3	0.6	3.5	1.4	22	0.1	0.4	0.1	82	0.27	0.083
1054075	Soil		0.3	21.1	25.9	54	<0.1	18.5	9.3	406	2.18	6.4	21.5	<0.5	10.5	25	<0.1	0.4	0.6	50	0.48	0.055
1054070	Soil		0.8	20.5	18.7	59	<0.1	21.0	10.2	373	2.96	9.8	3.5	2.8	12.4	19	0.1	0.5	0.7	66	0.24	0.041

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Project: PED
Report Date: August 08, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054116	Soil	17	32	0.68	181	0.108	1	1.53	0.014	0.14	0.2	0.03	3.2	0.1	<0.05	5	0.6	<0.2
1055990	Soil	11	24	0.80	185	0.138	<1	1.66	0.010	0.30	0.2	0.08	4.2	0.2	<0.05	7	0.7	<0.2
1055987	Soil	11	31	0.70	167	0.079	<1	1.66	0.010	0.08	0.3	0.05	3.4	0.1	<0.05	5	1.0	<0.2
1055985	Soil	9	31	1.06	273	0.163	<1	2.02	0.013	0.32	0.1	0.04	3.6	0.2	<0.05	6	1.1	<0.2
1055984	Soil	14	31	0.77	152	0.124	1	2.20	0.011	0.12	0.1	0.05	3.5	0.2	<0.05	6	0.9	<0.2
1054363	Soil	6	26	0.58	109	0.169	<1	2.15	0.009	0.13	0.1	0.07	2.5	<0.1	<0.05	8	0.9	<0.2
1054360	Soil	10	32	0.78	225	0.117	<1	1.90	0.012	0.19	0.1	0.01	3.7	0.2	<0.05	6	<0.5	<0.2
1054352	Soil	7	18	0.93	133	0.144	<1	2.06	0.011	0.23	<0.1	0.06	3.2	0.1	<0.05	8	0.8	<0.2
1055988	Soil	8	24	0.72	83	0.089	1	1.27	0.016	0.08	0.2	0.04	3.2	0.1	<0.05	5	<0.5	<0.2
1055989	Soil	8	33	1.17	138	0.112	<1	1.74	0.014	0.13	0.2	0.09	3.6	0.1	<0.05	6	1.0	<0.2
1054365	Soil	11	31	0.64	161	0.084	<1	1.90	0.009	0.12	0.1	0.02	3.6	0.1	<0.05	7	0.6	<0.2
1054356	Soil	9	25	0.71	177	0.122	1	1.44	0.013	0.19	0.1	0.02	2.4	0.1	<0.05	4	<0.5	<0.2
1054361	Soil	10	30	0.68	164	0.080	<1	1.78	0.008	0.12	0.2	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1054367	Soil	14	33	0.68	260	0.078	1	2.07	0.009	0.09	0.1	0.01	3.6	<0.1	<0.05	7	1.0	<0.2
1054364	Soil	11	33	0.93	382	0.164	1	2.40	0.012	0.41	<0.1	0.05	6.1	0.2	<0.05	7	1.0	<0.2
1054358	Soil	14	32	0.84	240	0.113	<1	2.19	0.011	0.14	0.1	0.05	4.4	0.1	<0.05	7	0.8	<0.2
1054366	Soil	10	37	0.69	151	0.108	<1	1.97	0.008	0.12	0.1	0.02	3.0	0.1	<0.05	7	<0.5	<0.2
1054362	Soil	14	33	0.67	243	0.103	<1	2.04	0.010	0.16	0.2	0.04	3.8	0.1	<0.05	7	0.6	<0.2
1054368	Soil	9	35	0.81	173	0.094	<1	2.23	0.009	0.17	0.1	0.02	3.1	0.1	<0.05	8	0.5	<0.2
1054351	Soil	11	26	0.83	226	0.147	1	1.64	0.015	0.27	0.2	0.04	3.1	0.2	<0.05	5	0.6	<0.2
1055986	Soil	10	30	0.80	170	0.106	<1	1.53	0.014	0.13	0.2	0.02	3.3	0.1	<0.05	4	<0.5	<0.2
1054353	Soil	7	20	0.35	181	0.126	<1	1.10	0.011	0.16	0.1	0.06	2.1	0.1	<0.05	7	1.5	<0.2
1054357	Soil	8	23	0.79	163	0.113	<1	1.66	0.011	0.20	0.2	0.02	3.1	0.1	<0.05	5	<0.5	<0.2
1055982	Soil	11	26	1.12	198	0.262	<1	2.37	0.010	0.65	0.1	0.07	5.9	0.4	<0.05	9	0.8	<0.2
1054354	Soil	13	31	0.83	228	0.111	<1	1.67	0.013	0.16	0.2	0.05	4.5	0.2	<0.05	5	<0.5	<0.2
1054359	Soil	10	31	0.78	176	0.116	1	1.95	0.012	0.20	0.2	0.02	3.1	0.1	<0.05	6	0.9	<0.2
1054355	Soil	9	25	0.72	168	0.129	<1	1.75	0.010	0.22	0.2	0.04	2.2	0.1	<0.05	6	<0.5	<0.2
1055983	Soil	10	25	0.82	192	0.145	3	2.16	0.011	0.21	0.1	0.07	3.9	0.3	<0.05	7	0.7	<0.2
1054075	Soil	16	31	0.46	220	0.057	<1	1.66	0.012	0.04	0.3	0.03	4.1	0.1	<0.05	5	0.8	<0.2
1054070	Soil	13	36	0.59	146	0.088	<1	2.17	0.011	0.06	0.2	0.03	4.2	0.2	<0.05	6	<0.5	<0.2

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Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054071	Soil	0.6	30.2	22.9	66	<0.1	22.4	10.0	473	2.59	8.5	12.3	<0.5	14.8	27	<0.1	0.5	0.5	56	0.40	0.046
1054072	Soil	0.6	28.6	25.4	61	0.1	23.8	9.5	462	2.50	8.1	50.9	2.0	14.3	30	<0.1	0.6	0.6	55	0.65	0.059
1054076	Soil	0.5	16.0	24.6	55	<0.1	17.7	8.5	308	2.06	6.8	6.6	<0.5	9.9	25	<0.1	0.4	0.6	49	0.45	0.049
1054092	Soil	0.9	15.9	22.9	67	<0.1	15.5	9.0	547	2.62	8.9	7.4	<0.5	11.7	22	0.2	0.3	1.0	57	0.32	0.052
1054068	Soil	0.8	14.7	18.3	49	<0.1	15.9	7.9	337	2.47	9.0	2.0	<0.5	7.0	16	0.1	0.4	0.5	64	0.19	0.038
1054091	Soil	0.6	17.5	20.7	57	0.1	17.0	6.8	246	2.16	6.2	8.2	<0.5	9.9	25	0.1	0.3	0.7	52	0.35	0.039
1054077	Soil	1.0	15.6	19.5	34	0.2	10.3	4.8	191	2.00	6.0	2.0	<0.5	4.0	14	<0.1	0.3	0.6	56	0.15	0.023
1054090	Soil	1.0	19.7	28.8	81	0.2	21.5	11.0	642	3.28	10.5	13.1	<0.5	14.2	33	0.1	0.4	0.8	65	0.60	0.068
1054089	Soil	0.8	9.5	18.3	43	<0.1	11.1	5.0	242	1.91	5.2	3.1	<0.5	9.8	16	<0.1	0.3	0.9	43	0.24	0.034
1054087	Soil	0.8	10.6	17.9	41	<0.1	9.8	3.6	166	1.81	5.4	2.1	0.9	2.2	12	0.1	0.3	0.5	54	0.13	0.037
1054099	Soil	0.8	7.3	18.9	56	<0.1	12.3	6.1	299	2.33	7.3	1.2	0.7	3.8	19	0.2	0.3	0.5	63	0.25	0.058
1054102	Soil	1.2	8.5	36.6	69	<0.1	10.1	10.1	1382	2.37	6.5	9.7	<0.5	37.0	12	<0.1	0.4	0.7	50	0.20	0.062
1054100	Soil	0.8	8.6	23.1	57	<0.1	9.5	7.6	824	2.11	5.3	10.9	<0.5	20.3	18	0.1	0.3	1.0	44	0.29	0.053
1054101	Soil	0.5	8.6	22.8	56	<0.1	9.1	7.4	813	2.09	5.8	10.0	<0.5	20.1	18	<0.1	0.3	1.0	41	0.28	0.047
1054097	Soil	0.6	10.1	16.0	40	0.1	8.3	4.2	235	1.62	3.3	3.2	4.9	5.7	16	<0.1	0.2	0.5	40	0.20	0.034
1054098	Soil	1.0	19.8	27.2	60	0.2	14.4	9.6	510	2.55	7.3	8.1	<0.5	12.5	18	0.3	0.4	0.8	57	0.22	0.047
1054095	Soil	0.9	16.4	19.5	56	0.2	13.3	5.7	269	2.24	5.4	5.1	0.9	10.3	20	0.2	0.3	0.7	52	0.26	0.030
1054096	Soil	0.8	8.6	14.1	40	<0.1	9.6	4.5	213	1.65	3.9	3.6	<0.5	6.5	16	0.1	0.3	0.6	49	0.21	0.023
1054093	Soil	0.7	9.3	19.0	54	<0.1	12.0	8.2	580	2.09	7.7	5.3	0.9	11.3	19	0.1	0.3	0.7	47	0.27	0.051
1054094	Soil	0.6	9.8	18.9	57	<0.1	13.3	8.4	553	2.19	9.0	5.9	1.7	11.5	20	0.1	0.3	0.6	51	0.30	0.053
1054069	Soil	0.7	19.1	18.0	55	<0.1	20.2	9.0	399	2.45	9.9	4.1	1.8	10.8	17	0.2	0.4	0.6	57	0.20	0.052
1054080	Soil	1.1	15.4	17.7	48	<0.1	14.1	6.0	242	2.40	10.5	2.4	2.3	3.9	14	0.2	0.4	0.6	63	0.13	0.054
1054081	Soil	0.6	24.2	27.1	64	0.1	21.7	11.4	975	2.12	8.3	17.2	2.9	8.5	32	0.3	0.5	0.6	52	0.60	0.060
1054084	Soil	0.6	17.3	16.6	44	0.1	12.4	5.2	183	1.54	6.8	3.7	3.6	4.0	25	0.5	0.2	0.5	43	0.31	0.028
1054078	Soil	0.8	24.0	12.6	58	<0.1	22.0	9.2	270	2.59	11.5	3.6	1.8	5.0	25	0.1	0.4	0.4	60	0.32	0.067
1054067	Soil	0.7	25.1	14.5	46	<0.1	18.8	6.9	214	2.65	10.4	2.2	2.9	1.6	20	0.2	0.4	0.4	66	0.22	0.071
1054079	Soil	0.8	23.4	16.0	56	<0.1	23.4	10.2	362	2.74	11.0	3.4	2.0	10.7	25	0.1	0.5	0.4	61	0.30	0.057
1054085	Soil	1.0	13.1	21.7	46	<0.1	13.0	6.0	182	2.33	8.5	2.0	1.3	5.4	18	0.1	0.3	0.5	62	0.19	0.024
1054083	Soil	0.5	14.8	23.7	57	<0.1	17.8	9.7	364	2.06	8.4	4.8	1.3	7.4	25	0.1	0.3	0.5	50	0.38	0.047
1054082	Soil	0.6	21.8	24.5	63	0.1	20.2	10.4	465	2.21	8.4	11.6	2.8	8.8	27	0.2	0.4	0.6	53	0.39	0.054

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Project: PED
Report Date: August 08, 2011

CERTIFICATE OF ANALYSIS WHI11000702.1

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054071	Soil	22	35	0.54	266	0.081	<1	1.77	0.031	0.05	0.2	0.02	5.7	0.1	<0.05	5	0.9	<0.2
1054072	Soil	24	34	0.53	280	0.068	<1	1.77	0.015	0.05	0.3	0.03	5.2	0.2	<0.05	6	<0.5	<0.2
1054076	Soil	13	28	0.48	201	0.060	<1	1.60	0.011	0.04	0.2	0.04	3.6	0.2	<0.05	5	<0.5	<0.2
1054092	Soil	18	29	0.46	171	0.049	<1	1.66	0.009	0.07	0.3	0.04	3.4	0.2	<0.05	7	0.8	<0.2
1054068	Soil	12	30	0.47	135	0.072	<1	1.71	0.008	0.06	0.2	0.03	3.4	0.1	<0.05	7	<0.5	<0.2
1054091	Soil	18	27	0.44	196	0.058	1	1.76	0.012	0.05	0.2	0.04	3.3	0.2	<0.05	6	0.6	<0.2
1054077	Soil	11	23	0.29	110	0.071	<1	1.46	0.008	0.05	0.1	0.03	2.7	0.2	<0.05	7	<0.5	<0.2
1054090	Soil	25	37	0.54	273	0.053	1	2.41	0.013	0.07	0.2	0.08	5.6	0.2	<0.05	7	<0.5	<0.2
1054089	Soil	15	19	0.32	107	0.052	<1	1.23	0.008	0.05	0.3	0.02	2.2	0.1	<0.05	5	0.7	<0.2
1054087	Soil	13	19	0.25	93	0.047	<1	1.23	0.008	0.05	0.2	0.02	1.9	0.1	<0.05	6	<0.5	<0.2
1054099	Soil	10	24	0.42	211	0.068	<1	1.46	0.009	0.06	0.3	<0.01	2.7	0.2	<0.05	7	<0.5	<0.2
1054102	Soil	24	21	0.45	79	0.065	<1	1.44	0.009	0.10	0.8	<0.01	3.5	0.4	<0.05	6	<0.5	<0.2
1054100	Soil	21	20	0.40	118	0.061	<1	1.17	0.010	0.08	0.5	0.02	3.2	0.3	<0.05	5	<0.5	<0.2
1054101	Soil	20	18	0.39	113	0.059	<1	1.12	0.009	0.08	0.5	0.04	3.1	0.2	<0.05	5	<0.5	<0.2
1054097	Soil	10	18	0.32	109	0.060	1	1.10	0.011	0.07	0.2	0.03	2.2	0.2	<0.05	5	0.6	<0.2
1054098	Soil	22	25	0.42	169	0.059	<1	1.72	0.011	0.05	0.4	0.03	3.3	0.2	<0.05	6	0.5	<0.2
1054095	Soil	16	24	0.40	167	0.059	<1	1.47	0.011	0.06	0.2	0.02	3.3	0.2	<0.05	7	<0.5	<0.2
1054096	Soil	11	18	0.29	103	0.064	<1	1.06	0.007	0.05	0.2	0.04	2.3	0.1	<0.05	6	0.6	<0.2
1054093	Soil	13	21	0.42	115	0.062	1	1.11	0.009	0.04	0.2	0.02	2.2	0.1	0.06	4	<0.5	<0.2
1054094	Soil	13	23	0.45	119	0.068	1	1.20	0.010	0.05	0.3	<0.01	2.5	0.1	<0.05	4	<0.5	<0.2
1054069	Soil	14	32	0.52	135	0.081	1	1.70	0.009	0.05	0.2	0.01	3.5	0.1	<0.05	5	<0.5	<0.2
1054080	Soil	9	25	0.40	121	0.076	1	1.42	0.009	0.05	0.1	0.03	2.4	0.1	<0.05	6	<0.5	<0.2
1054081	Soil	17	32	0.50	253	0.048	1	1.59	0.013	0.04	0.3	0.06	4.5	0.1	<0.05	4	<0.5	<0.2
1054084	Soil	11	20	0.33	138	0.060	2	1.13	0.010	0.05	0.2	0.02	2.1	<0.1	<0.05	5	<0.5	<0.2
1054078	Soil	14	33	0.55	162	0.083	<1	1.89	0.011	0.05	0.2	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1054067	Soil	11	35	0.46	152	0.069	1	1.86	0.010	0.05	0.1	0.02	2.9	0.2	<0.05	6	<0.5	<0.2
1054079	Soil	17	36	0.58	163	0.091	2	1.98	0.011	0.06	0.2	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1054085	Soil	13	25	0.39	134	0.063	1	1.63	0.009	0.04	0.2	0.02	2.5	0.1	<0.05	6	<0.5	<0.2
1054083	Soil	12	30	0.52	187	0.056	1	1.64	0.012	0.04	0.2	0.03	3.3	0.1	<0.05	5	<0.5	<0.2
1054082	Soil	15	33	0.51	224	0.059	2	1.69	0.012	0.04	0.2	0.04	4.6	0.1	<0.05	5	<0.5	<0.2

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Project: PED
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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054086	Soil		0.8	16.0	24.4	74	<0.1	19.5	9.4	590	2.61	11.1	5.7	2.3	12.3	28	0.1	0.4	0.6	58	0.42	0.051
1054088	Soil		0.8	18.4	35.8	70	<0.1	19.7	9.6	629	2.64	10.7	10.0	2.9	18.9	24	0.3	0.3	0.7	55	0.35	0.045
1055927	Soil		0.2	53.7	5.1	43	0.2	26.4	11.0	356	2.20	7.8	1.0	1.8	1.3	67	<0.1	0.6	0.2	55	1.75	0.057
1055929	Soil		0.6	69.0	7.2	61	<0.1	26.7	20.8	787	4.06	4.6	1.9	<0.5	2.6	37	<0.1	0.3	0.4	103	2.43	0.071
1055930	Soil		1.2	65.9	10.8	58	<0.1	29.1	20.1	658	4.08	5.4	4.5	<0.5	3.7	74	<0.1	0.3	0.3	107	0.88	0.045
1055928	Soil		0.8	63.1	7.8	63	<0.1	27.5	18.4	698	4.16	9.6	1.1	1.9	3.0	49	<0.1	0.4	0.2	101	0.69	0.043
1055926	Soil		0.4	34.9	4.0	85	<0.1	68.2	24.3	806	4.50	7.1	0.5	<0.5	2.9	37	<0.1	0.2	<0.1	101	0.71	0.069
1055920	Soil		0.2	88.7	3.2	72	<0.1	20.1	16.8	846	4.20	5.6	0.6	<0.5	2.6	78	<0.1	0.1	<0.1	84	1.19	0.067
1055922	Soil		0.6	55.0	4.3	59	<0.1	44.7	18.5	488	3.56	7.9	1.5	2.6	3.0	76	<0.1	0.2	<0.1	91	0.95	0.055
1055925	Soil		0.4	39.8	3.9	85	<0.1	59.5	22.2	801	4.43	7.3	0.4	0.5	3.0	37	<0.1	0.2	<0.1	99	0.73	0.067
1055923	Soil		0.4	65.4	4.0	59	<0.1	37.6	21.3	583	3.99	6.0	1.0	1.7	2.5	74	<0.1	0.3	<0.1	103	1.20	0.069
1055924	Soil		0.6	86.0	3.1	58	<0.1	22.0	19.2	455	3.98	7.5	0.4	1.1	2.0	104	<0.1	0.2	0.1	120	1.00	0.105
1055918	Soil		0.6	43.8	6.8	53	<0.1	26.3	13.2	401	3.05	10.7	1.4	2.6	4.7	46	<0.1	0.4	0.6	75	0.56	0.074
1055908	Soil		0.4	37.4	8.2	69	<0.1	22.3	13.1	581	3.30	7.9	1.0	0.8	4.2	41	<0.1	0.4	0.5	70	0.48	0.055
1055915	Soil		0.2	68.5	4.4	60	<0.1	30.8	18.4	703	3.55	6.1	0.7	<0.5	1.9	92	<0.1	0.1	<0.1	91	1.40	0.086
1055914	Soil		0.2	59.7	3.7	53	<0.1	37.5	18.4	485	3.38	6.9	0.7	<0.5	2.9	69	<0.1	<0.1	<0.1	91	1.14	0.068
1055903	Soil		0.7	55.8	2.6	70	<0.1	40.3	24.4	640	4.44	7.5	0.4	<0.5	1.8	90	<0.1	0.2	1.0	145	0.96	0.055
1055917	Soil		0.8	25.2	5.9	58	<0.1	19.0	11.4	445	2.59	10.3	0.8	0.8	2.4	46	0.2	0.4	0.1	56	0.77	0.068
1055901	Soil		0.6	14.6	4.3	87	<0.1	10.4	13.8	703	4.41	7.5	0.4	<0.5	2.6	19	<0.1	0.2	<0.1	83	0.25	0.034
1055905	Soil		0.3	33.7	4.2	67	<0.1	32.3	14.4	469	3.05	5.9	0.6	1.2	3.0	151	<0.1	0.1	<0.1	71	0.54	0.058
1055902	Soil		1.7	33.1	3.3	77	<0.1	62.5	28.8	774	6.23	17.5	1.4	2.2	4.1	51	<0.1	0.6	0.1	201	0.85	0.061
1055906	Soil		0.3	34.9	4.8	68	<0.1	30.3	13.9	449	3.01	7.5	0.6	1.4	3.4	131	<0.1	0.2	0.1	67	0.52	0.053
1055912	Soil		0.4	34.2	4.2	57	<0.1	32.2	16.8	407	3.02	7.5	0.4	<0.5	1.9	48	<0.1	0.2	<0.1	65	0.60	0.044
1055919	Soil		0.5	61.4	3.9	57	<0.1	25.9	18.2	560	3.52	4.3	5.8	6.6	2.7	66	<0.1	0.1	0.2	90	1.05	0.071
1055921	Soil		0.4	48.3	4.2	67	<0.1	29.3	16.9	702	3.50	3.3	0.6	1.6	2.3	86	<0.1	0.2	0.2	81	1.07	0.059
1055909	Soil		0.7	23.2	7.6	50	<0.1	18.9	9.2	314	2.78	7.6	0.6	4.3	3.3	29	<0.1	0.4	0.2	64	0.31	0.027
1055910	Soil		0.3	35.3	2.6	72	<0.1	16.6	15.0	596	3.72	1.8	0.5	1.8	2.0	128	<0.1	0.1	0.1	75	0.85	0.112
1055907	Soil		0.5	55.9	2.5	87	<0.1	17.3	16.6	544	4.19	2.7	0.2	3.2	1.7	33	<0.1	0.1	<0.1	87	0.41	0.090
1055913	Soil		0.4	27.3	14.2	49	<0.1	19.5	9.9	448	2.69	5.3	1.5	2.0	7.9	93	<0.1	0.6	3.6	59	0.60	0.040
1055904	Soil		0.4	79.8	4.1	76	<0.1	30.3	16.2	442	3.56	3.8	0.6	<0.5	2.9	114	<0.1	0.2	0.2	94	0.71	0.079

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054086	Soil	21	31	0.51	212	0.063	<1	1.81	0.011	0.06	0.2	0.01	3.3	0.1	<0.05	5	<0.5	<0.2
1054088	Soil	35	31	0.48	255	0.053	2	1.97	0.012	0.06	0.2	0.03	4.2	0.2	<0.05	6	<0.5	<0.2
1055927	Soil	9	28	0.64	303	0.062	2	1.45	0.021	0.05	0.2	0.04	3.3	<0.1	0.06	4	<0.5	<0.2
1055929	Soil	9	34	1.57	231	0.012	1	2.35	0.009	0.12	0.5	<0.01	8.8	<0.1	<0.05	8	<0.5	<0.2
1055930	Soil	8	26	1.59	601	0.042	<1	2.39	0.012	0.10	1.0	<0.01	7.5	<0.1	<0.05	8	<0.5	<0.2
1055928	Soil	10	35	1.17	261	0.132	1	2.44	0.020	0.20	0.4	0.01	7.7	<0.1	<0.05	8	<0.5	<0.2
1055926	Soil	6	170	2.64	190	0.154	<1	3.09	0.016	0.25	0.4	<0.01	7.8	<0.1	<0.05	11	<0.5	<0.2
1055920	Soil	8	21	1.33	277	0.095	<1	3.04	0.022	0.23	0.2	0.01	6.8	<0.1	<0.05	10	<0.5	<0.2
1055922	Soil	10	62	1.48	223	0.181	1	2.84	0.024	0.16	0.3	<0.01	5.4	<0.1	<0.05	8	<0.5	<0.2
1055925	Soil	7	165	2.64	187	0.167	<1	3.03	0.014	0.26	0.5	<0.01	7.9	<0.1	<0.05	10	<0.5	<0.2
1055923	Soil	8	45	1.78	198	0.138	<1	3.31	0.023	0.13	0.5	<0.01	8.2	<0.1	<0.05	10	<0.5	<0.2
1055924	Soil	6	18	1.41	253	0.196	1	2.51	0.047	0.11	0.4	0.02	6.8	<0.1	<0.05	9	<0.5	<0.2
1055918	Soil	18	39	0.85	218	0.138	1	1.88	0.021	0.13	0.3	0.02	6.5	<0.1	<0.05	6	<0.5	<0.2
1055908	Soil	13	30	0.96	369	0.177	<1	2.11	0.015	0.22	0.1	<0.01	4.7	0.1	<0.05	7	<0.5	<0.2
1055915	Soil	7	25	1.58	206	0.236	1	3.20	0.031	0.29	0.5	<0.01	5.9	<0.1	<0.05	11	<0.5	<0.2
1055914	Soil	7	31	1.52	140	0.257	<1	3.28	0.023	0.21	0.3	<0.01	4.4	<0.1	<0.05	10	<0.5	<0.2
1055903	Soil	5	47	2.06	494	0.264	<1	3.33	0.021	0.40	0.3	<0.01	6.6	0.2	<0.05	11	<0.5	<0.2
1055917	Soil	10	26	0.64	247	0.099	1	1.48	0.023	0.09	0.2	0.03	3.4	<0.1	<0.05	5	<0.5	<0.2
1055901	Soil	5	18	1.20	348	0.287	1	3.15	0.010	1.13	<0.1	<0.01	3.1	0.3	<0.05	10	<0.5	<0.2
1055905	Soil	11	37	1.24	484	0.189	<1	2.34	0.019	0.33	<0.1	<0.01	3.4	0.1	<0.05	7	<0.5	<0.2
1055902	Soil	29	115	2.61	511	0.057	1	3.62	0.013	0.06	<0.1	0.02	19.5	<0.1	<0.05	12	<0.5	<0.2
1055906	Soil	12	35	1.14	461	0.179	2	2.18	0.018	0.28	<0.1	<0.01	3.7	0.1	<0.05	7	<0.5	<0.2
1055912	Soil	5	38	1.38	278	0.229	<1	2.74	0.017	0.32	<0.1	<0.01	2.8	0.1	<0.05	8	<0.5	<0.2
1055919	Soil	9	28	1.34	199	0.238	<1	2.79	0.024	0.25	0.4	0.01	5.7	<0.1	<0.05	9	<0.5	<0.2
1055921	Soil	8	70	1.25	182	0.091	1	2.92	0.021	0.07	0.4	<0.01	6.0	<0.1	<0.05	9	0.6	<0.2
1055909	Soil	11	32	0.61	276	0.079	1	1.83	0.011	0.05	0.1	0.02	3.6	<0.1	<0.05	5	0.6	<0.2
1055910	Soil	6	15	1.24	352	0.137	1	2.36	0.032	0.23	<0.1	<0.01	4.1	<0.1	<0.05	8	<0.5	<0.2
1055907	Soil	5	21	1.48	471	0.256	<1	2.76	0.012	0.79	<0.1	<0.01	2.7	0.2	<0.05	10	<0.5	<0.2
1055913	Soil	14	24	0.74	349	0.013	<1	2.09	0.016	0.06	0.2	0.01	6.0	<0.1	<0.05	6	0.7	<0.2
1055904	Soil	9	43	1.38	450	0.158	2	2.45	0.017	0.36	<0.1	0.01	4.8	0.1	<0.05	8	0.5	<0.2

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Project: PED
Report Date: August 08, 2011

CERTIFICATE OF ANALYSIS WHI11000702.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055916	Soil	0.5	41.7	12.3	60	<0.1	23.9	12.9	481	2.92	5.6	1.4	2.8	4.0	46	<0.1	0.4	0.3	69	0.76	0.050
1055911	Soil	0.4	39.6	3.6	55	<0.1	27.8	15.0	688	3.32	3.8	0.6	1.6	2.0	159	<0.1	0.2	0.2	70	1.15	0.076
1062676	Soil	0.4	70.2	4.6	65	<0.1	26.4	23.7	910	4.65	3.2	0.6	3.1	3.5	22	<0.1	1.8	0.5	115	0.59	0.075
1062672	Soil	0.5	102.7	2.9	81	<0.1	31.1	27.0	1006	4.89	2.5	0.6	4.8	1.8	34	<0.1	1.5	0.5	123	0.69	0.084
1062679	Soil	0.7	73.9	6.1	83	<0.1	27.9	20.4	877	4.38	4.3	0.6	4.6	2.8	44	0.1	0.3	1.8	105	1.17	0.089
1062680	Soil	0.4	64.6	1.8	79	<0.1	32.9	28.8	1117	5.33	2.2	0.6	18.3	1.3	30	<0.1	0.2	<0.1	129	0.64	0.098
1062677	Soil	0.5	46.9	7.5	59	<0.1	27.1	15.2	520	3.39	7.8	0.5	2.0	3.3	41	<0.1	0.5	0.2	80	0.70	0.055
1062678	Soil	0.5	80.4	3.1	91	<0.1	11.0	19.7	485	6.38	5.9	0.6	<0.5	1.7	27	0.1	0.3	0.1	64	0.70	0.173
1062682	Soil	0.7	10.0	14.3	45	<0.1	12.9	8.0	463	2.02	4.1	0.6	4.5	2.4	27	0.1	0.3	0.2	50	0.32	0.034
1062681	Soil	1.8	114.8	3.3	87	<0.1	55.1	31.9	2572	5.44	3.0	1.2	0.7	1.6	56	0.3	0.2	0.5	142	1.05	0.107
1062683	Soil	0.7	48.3	23.0	50	0.1	28.2	12.7	404	2.66	7.6	0.7	4.4	5.7	34	<0.1	0.6	0.6	63	0.70	0.043
1062664	Soil	0.5	84.2	5.2	76	<0.1	24.9	23.9	892	4.33	2.6	0.8	1.3	2.9	34	0.2	0.2	0.2	123	2.34	0.090
1062684	Soil	0.5	45.9	6.4	59	<0.1	22.9	13.3	393	2.73	5.2	0.8	5.5	1.9	49	0.2	0.4	0.7	63	1.10	0.074
1062666	Soil	0.2	51.7	3.4	62	<0.1	29.2	21.0	795	4.08	2.8	0.6	1.8	5.8	27	<0.1	0.2	0.1	90	0.66	0.087
1062668	Soil	0.3	40.9	5.6	44	<0.1	20.9	12.5	456	2.45	4.5	0.9	27.2	1.5	46	<0.1	0.3	0.2	58	1.32	0.066
1062665	Soil	0.3	52.6	2.7	65	<0.1	22.3	20.0	961	4.64	3.2	0.7	4.7	4.2	21	<0.1	0.4	0.2	96	1.10	0.129
1062663	Soil	0.7	47.7	10.6	56	<0.1	24.7	17.6	981	5.24	6.1	2.1	36.8	14.8	17	<0.1	1.7	0.1	106	0.55	0.087
1062667	Soil	0.6	41.6	12.0	64	<0.1	29.4	14.5	554	2.95	7.5	0.6	7.2	3.6	77	0.2	0.5	0.2	71	3.74	0.073
1062669	Soil	0.8	33.7	6.9	51	<0.1	21.1	12.4	473	3.11	7.0	0.6	1.7	3.4	26	<0.1	0.4	0.3	71	0.38	0.047
1062661	Soil	0.1	68.2	1.8	42	<0.1	21.6	16.5	447	2.67	2.7	0.4	10.8	0.9	69	<0.1	<0.1	<0.1	80	1.24	0.084
1062671	Soil	0.7	55.4	6.6	66	<0.1	31.4	20.6	573	3.99	8.3	0.9	2.9	3.2	30	<0.1	0.5	0.3	97	0.43	0.060
1062670	Soil	0.3	35.0	1.6	66	<0.1	16.8	20.2	700	4.02	1.9	0.7	0.8	1.8	30	0.1	0.1	<0.1	96	0.54	0.084
1062662	Soil	0.6	42.8	3.1	44	<0.1	16.4	13.7	445	3.19	2.6	0.9	4.2	5.8	22	<0.1	0.3	<0.1	58	0.31	0.027
1062673	Soil	0.4	105.1	2.8	80	<0.1	31.7	27.4	1001	4.69	2.3	0.7	1.8	1.6	35	<0.1	1.6	0.4	116	0.73	0.096
1062655	Soil	0.6	45.0	7.5	61	<0.1	26.8	13.5	607	3.06	7.7	0.5	3.4	2.8	33	0.1	0.5	0.2	75	0.68	0.043
1062653	Soil	0.7	77.3	11.0	57	0.1	35.1	19.6	750	3.57	5.1	1.0	1.6	2.2	38	0.2	0.5	1.3	86	0.85	0.060
1062652	Soil	0.6	50.6	5.1	61	<0.1	39.6	19.6	741	3.83	4.2	0.7	11.2	2.7	32	<0.1	0.3	0.3	91	0.87	0.063
1062651	Soil	1.7	41.4	4.7	50	<0.1	26.3	17.4	429	3.41	6.3	3.4	2.8	2.3	60	<0.1	0.3	0.2	91	0.61	0.038
1062656	Soil	0.7	40.0	21.2	87	0.1	18.7	13.1	727	3.14	4.8	0.8	4.5	4.1	60	0.2	0.4	0.5	64	2.82	0.076
1062654	Soil	0.4	62.7	4.1	52	0.2	22.8	17.5	630	3.79	4.1	0.9	5.0	3.7	44	<0.1	0.5	0.2	77	4.01	0.070

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Project: PED
Report Date: August 08, 2011

CERTIFICATE OF ANALYSIS WHI11000702.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055916	Soil	10	31	0.80	234	0.074	1	2.06	0.033	0.07	0.2	0.03	4.9	<0.1	<0.05	6	0.5	<0.2
1055911	Soil	6	22	0.85	328	0.018	<1	2.80	0.031	0.09	<0.1	<0.01	5.3	0.1	<0.05	8	0.9	<0.2
1062676	Soil	12	38	1.66	264	0.027	<1	2.42	0.008	0.23	2.2	0.03	11.0	0.1	<0.05	8	1.1	<0.2
1062672	Soil	5	56	2.18	229	0.057	<1	2.74	0.011	0.20	1.6	0.01	8.9	<0.1	<0.05	10	0.8	<0.2
1062679	Soil	9	33	1.52	257	0.083	<1	2.35	0.023	0.20	1.2	0.01	7.8	0.1	<0.05	9	<0.5	<0.2
1062680	Soil	5	67	2.55	189	0.028	<1	2.78	0.012	0.06	1.2	0.01	11.0	<0.1	<0.05	10	<0.5	<0.2
1062677	Soil	10	39	1.12	297	0.088	1	1.98	0.022	0.12	0.4	0.04	5.8	<0.1	<0.05	6	0.5	<0.2
1062678	Soil	6	15	1.16	200	0.032	<1	2.69	0.016	0.07	0.9	<0.01	14.0	<0.1	<0.05	11	0.6	<0.2
1062682	Soil	6	24	0.39	242	0.029	<1	1.42	0.008	0.08	0.6	0.01	1.7	<0.1	<0.05	4	<0.5	<0.2
1062681	Soil	7	82	2.12	419	0.144	<1	3.10	0.025	0.07	2.9	0.02	11.4	<0.1	<0.05	11	0.5	<0.2
1062683	Soil	10	29	0.71	241	0.056	<1	1.65	0.018	0.07	0.8	0.05	4.7	<0.1	<0.05	5	0.7	<0.2
1062664	Soil	7	28	2.40	210	0.038	<1	2.59	0.017	0.10	0.8	0.02	8.1	<0.1	<0.05	9	<0.5	<0.2
1062684	Soil	9	33	0.88	241	0.060	<1	1.64	0.019	0.09	0.3	0.03	4.0	<0.1	0.05	5	0.7	<0.2
1062666	Soil	14	31	1.84	210	0.117	<1	2.48	0.009	0.40	0.7	<0.01	5.0	0.1	<0.05	9	<0.5	<0.2
1062668	Soil	8	29	0.76	253	0.045	1	1.47	0.016	0.08	0.4	0.04	3.5	<0.1	<0.05	5	0.8	<0.2
1062665	Soil	11	19	1.81	197	0.041	<1	2.50	0.009	0.23	0.4	0.02	8.1	<0.1	<0.05	10	0.6	<0.2
1062663	Soil	43	26	1.17	197	0.037	1	2.29	0.008	0.27	2.1	0.02	10.2	0.1	<0.05	10	0.7	<0.2
1062667	Soil	10	30	1.07	237	0.097	1	1.68	0.026	0.19	0.4	0.02	3.8	0.1	<0.05	6	0.5	<0.2
1062669	Soil	10	32	0.69	251	0.082	<1	1.72	0.016	0.15	0.6	0.02	5.7	<0.1	<0.05	6	0.7	<0.2
1062661	Soil	4	29	1.17	215	0.075	<1	2.37	0.032	0.10	0.5	0.02	5.6	<0.1	<0.05	8	<0.5	<0.2
1062671	Soil	12	49	1.50	182	0.080	<1	2.44	0.010	0.09	1.0	0.04	8.4	<0.1	<0.05	8	0.6	<0.2
1062670	Soil	4	25	1.52	332	0.141	<1	2.43	0.010	0.62	1.4	0.01	5.5	0.1	<0.05	7	<0.5	<0.2
1062662	Soil	9	19	1.07	149	0.017	<1	1.99	0.008	0.10	0.4	<0.01	3.7	<0.1	<0.05	8	<0.5	<0.2
1062673	Soil	5	53	2.19	228	0.062	<1	2.82	0.011	0.22	1.5	0.02	8.7	<0.1	<0.05	10	<0.5	<0.2
1062655	Soil	11	36	0.87	264	0.067	<1	1.76	0.022	0.09	0.6	0.03	5.7	<0.1	<0.05	5	0.7	<0.2
1062653	Soil	8	42	1.29	235	0.032	<1	2.12	0.017	0.12	0.6	0.04	7.8	<0.1	<0.05	7	0.7	<0.2
1062652	Soil	9	53	1.54	273	0.034	<1	2.55	0.014	0.12	0.4	0.02	7.7	<0.1	<0.05	8	0.7	<0.2
1062651	Soil	6	36	1.30	166	0.110	<1	2.44	0.027	0.14	0.4	0.02	5.9	<0.1	<0.05	7	<0.5	<0.2
1062656	Soil	13	19	1.18	311	0.108	<1	1.92	0.019	0.42	0.6	0.04	4.9	0.2	<0.05	7	0.8	<0.2
1062654	Soil	14	20	1.37	208	0.029	<1	2.28	0.009	0.17	0.7	0.07	5.6	0.1	<0.05	8	0.6	<0.2

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Project: PED
Report Date: August 08, 2011

QUALITY CONTROL REPORT WHI11000702.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1062549	Soil	0.6	32.0	10.0	63	0.1	25.8	10.8	472	2.67	9.4	0.5	5.9	1.4	43	0.2	0.8	0.2	54	1.58	0.061
REP 1062549	QC	0.6	34.5	10.5	64	0.1	26.9	11.6	466	2.71	10.0	0.5	3.9	1.4	45	0.2	0.9	0.2	55	1.61	0.065
1054106	Soil	1.0	20.5	20.9	80	0.2	17.4	13.1	683	3.42	6.1	1.3	14.8	1.6	23	0.3	0.3	0.4	77	0.32	0.075
REP 1054106	QC	0.8	20.1	19.2	79	0.2	17.2	12.9	680	3.48	5.9	1.3	19.6	1.7	23	0.3	0.3	0.4	81	0.31	0.070
1054122	Soil	0.7	23.8	5.8	61	<0.1	20.7	14.2	372	3.16	5.4	0.6	3.8	3.1	30	0.1	0.3	0.1	66	0.34	0.072
REP 1054122	QC	0.6	23.5	5.6	59	<0.1	19.3	13.9	354	2.97	5.0	0.6	5.7	3.0	28	<0.1	0.3	0.1	64	0.33	0.069
1054123	Soil	0.5	22.2	6.1	79	<0.1	20.4	15.7	709	3.43	4.5	0.6	1.5	2.4	52	0.1	0.3	0.1	72	0.42	0.070
REP 1054123	QC	0.6	22.7	6.1	81	<0.1	20.8	16.2	721	3.55	4.6	0.6	0.8	2.5	53	0.1	0.4	<0.1	75	0.44	0.072
1055982	Soil	1.0	27.8	7.5	98	<0.1	14.7	13.2	733	5.96	7.1	0.7	<0.5	2.4	16	0.1	0.3	0.1	123	0.21	0.067
REP 1055982	QC	1.0	27.6	7.7	100	0.1	14.3	13.5	736	5.90	7.4	0.7	<0.5	2.4	16	0.2	0.4	0.1	120	0.20	0.069
1054102	Soil	1.2	8.5	36.6	69	<0.1	10.1	10.1	1382	2.37	6.5	9.7	<0.5	37.0	12	<0.1	0.4	0.7	50	0.20	0.062
REP 1054102	QC	1.1	8.4	35.4	65	<0.1	9.6	9.7	1408	2.43	6.5	9.6	<0.5	34.0	12	<0.1	0.5	0.7	47	0.19	0.057
1055929	Soil	0.6	69.0	7.2	61	<0.1	26.7	20.8	787	4.06	4.6	1.9	<0.5	2.6	37	<0.1	0.3	0.4	103	2.43	0.071
REP 1055929	QC	0.6	75.1	7.8	64	<0.1	30.1	22.4	868	4.41	4.2	1.9	1.7	2.8	40	<0.1	0.3	0.4	111	2.60	0.076
1055926	Soil	0.4	34.9	4.0	85	<0.1	68.2	24.3	806	4.50	7.1	0.5	<0.5	2.9	37	<0.1	0.2	<0.1	101	0.71	0.069
REP 1055926	QC	0.5	34.5	4.0	82	<0.1	64.6	23.4	794	4.48	7.2	0.5	<0.5	3.0	38	<0.1	0.2	<0.1	100	0.73	0.070
1062677	Soil	0.5	46.9	7.5	59	<0.1	27.1	15.2	520	3.39	7.8	0.5	2.0	3.3	41	<0.1	0.5	0.2	80	0.70	0.055
REP 1062677	QC	0.4	48.9	7.5	59	<0.1	27.5	15.4	516	3.32	7.7	0.5	2.2	3.3	41	<0.1	0.5	0.3	79	0.70	0.051
1062684	Soil	0.5	45.9	6.4	59	<0.1	22.9	13.3	393	2.73	5.2	0.8	5.5	1.9	49	0.2	0.4	0.7	63	1.10	0.074
REP 1062684	QC	0.5	46.3	6.3	59	<0.1	22.2	13.5	410	2.77	5.7	0.8	4.6	2.0	49	0.2	0.4	0.2	64	1.04	0.072
Reference Materials																					
STD DS8	Standard	12.3	111.9	120.8	310	1.8	37.7	7.6	620	2.41	26.6	2.6	112.8	6.1	62	2.3	5.5	6.5	43	0.63	0.080
STD DS8	Standard	13.6	110.4	119.2	318	1.8	38.8	7.1	616	2.46	25.8	2.7	110.7	6.8	72	2.2	5.3	6.5	42	0.71	0.072
STD DS8	Standard	12.2	115.3	122.5	307	1.8	36.0	7.7	605	2.41	25.9	2.6	111.3	6.4	65	2.5	4.9	5.9	41	0.72	0.074
STD DS8	Standard	13.1	108.5	119.3	307	1.7	38.3	7.7	596	2.38	26.3	2.8	118.2	6.6	65	2.3	5.3	6.6	43	0.67	0.078
STD DS8	Standard	15.8	126.7	135.5	337	1.9	43.5	8.7	662	2.68	31.1	3.2	127.8	7.6	71	2.4	6.0	6.9	48	0.74	0.085
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	0.5	<0.1	<1	<0.1	<0.1	<0.1	<1	0.05	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 08, 2011

QUALITY CONTROL REPORT WHI11000702.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1062549	Soil	12	28	0.69	253	0.042	3	1.63	0.019	0.05	0.2	0.06	2.8	<0.1	0.11	5	<0.5	<0.2
REP 1062549	QC	13	29	0.68	276	0.044	3	1.64	0.020	0.05	0.2	0.06	2.9	<0.1	0.06	5	0.6	<0.2
1054106	Soil	16	24	0.74	236	0.114	2	1.94	0.015	0.24	0.2	0.05	3.6	0.2	0.12	8	<0.5	<0.2
REP 1054106	QC	16	26	0.72	236	0.115	2	1.88	0.015	0.25	0.2	0.04	3.7	0.2	0.12	7	0.5	<0.2
1054122	Soil	10	33	0.87	175	0.118	1	1.73	0.014	0.12	0.2	0.05	2.7	0.1	<0.05	5	0.7	<0.2
REP 1054122	QC	10	32	0.84	165	0.113	<1	1.63	0.014	0.12	0.2	0.04	2.5	0.1	<0.05	5	0.5	<0.2
1054123	Soil	10	31	1.07	263	0.099	<1	2.13	0.012	0.21	0.1	0.03	3.6	0.1	<0.05	7	0.6	<0.2
REP 1054123	QC	10	32	1.09	263	0.109	<1	2.17	0.013	0.23	0.1	0.03	4.1	0.1	<0.05	7	<0.5	<0.2
1055982	Soil	11	26	1.12	198	0.262	<1	2.37	0.010	0.65	0.1	0.07	5.9	0.4	<0.05	9	0.8	<0.2
REP 1055982	QC	11	27	1.14	200	0.279	<1	2.35	0.011	0.67	0.1	0.04	5.5	0.5	<0.05	10	0.6	<0.2
1054102	Soil	24	21	0.45	79	0.065	<1	1.44	0.009	0.10	0.8	<0.01	3.5	0.4	<0.05	6	<0.5	<0.2
REP 1054102	QC	23	20	0.44	79	0.065	<1	1.35	0.007	0.09	0.8	0.01	3.1	0.4	<0.05	6	<0.5	<0.2
1055929	Soil	9	34	1.57	231	0.012	1	2.35	0.009	0.12	0.5	<0.01	8.8	<0.1	<0.05	8	<0.5	<0.2
REP 1055929	QC	10	38	1.70	249	0.013	1	2.54	0.009	0.12	0.5	0.01	9.8	<0.1	0.05	8	<0.5	<0.2
1055926	Soil	6	170	2.64	190	0.154	<1	3.09	0.016	0.25	0.4	<0.01	7.8	<0.1	<0.05	11	<0.5	<0.2
REP 1055926	QC	6	169	2.62	189	0.153	<1	3.07	0.017	0.25	0.5	0.01	7.6	<0.1	<0.05	10	<0.5	<0.2
1062677	Soil	10	39	1.12	297	0.088	1	1.98	0.022	0.12	0.4	0.04	5.8	<0.1	<0.05	6	0.5	<0.2
REP 1062677	QC	10	41	1.11	288	0.092	<1	1.88	0.021	0.12	0.4	0.03	5.6	<0.1	<0.05	6	<0.5	<0.2
1062684	Soil	9	33	0.88	241	0.060	<1	1.64	0.019	0.09	0.3	0.03	4.0	<0.1	0.05	5	0.7	<0.2
REP 1062684	QC	9	32	0.89	234	0.065	1	1.62	0.019	0.09	0.3	0.03	4.2	<0.1	0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	12	119	0.59	256	0.105	2	0.86	0.090	0.40	2.7	0.21	2.1	5.2	0.16	4	6.6	4.8
STD DS8	Standard	15	126	0.62	283	0.109	2	0.92	0.115	0.44	3.0	0.20	2.2	5.5	0.18	5	5.2	5.4
STD DS8	Standard	14	119	0.62	270	0.112	2	0.96	0.079	0.43	2.8	0.20	2.4	5.1	0.08	4	4.2	4.5
STD DS8	Standard	15	115	0.61	271	0.112	2	0.92	0.087	0.41	2.7	0.20	2.2	5.4	0.13	4	5.8	5.0
STD DS8	Standard	15	137	0.65	285	0.150	2	0.96	0.093	0.44	3.1	0.20	2.2	5.5	0.17	5	4.8	5.1
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 08, 2011

QUALITY CONTROL REPORT WHI11000702.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	1.9	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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QUALITY CONTROL REPORT WHI11000702.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 15, 2011
Report Date: August 04, 2011
Page: 1 of 11

CERTIFICATE OF ANALYSIS WHI11000705.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 282

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	282	Dry at 60C			VAN
SS80	282	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	282	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000705.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055655	Soil	0.3	23.3	2.3	102	0.2	11.7	16.9	711	4.86	<0.5	0.9	88.9	8.6	34	<0.1	0.1	<0.1	68	0.57	0.066
1055656	Soil	0.4	30.2	3.2	87	<0.1	13.4	24.9	773	4.48	1.1	0.4	<0.5	10.8	35	<0.1	<0.1	<0.1	81	0.36	0.038
1028701	Soil	0.4	72.9	4.8	79	<0.1	19.4	19.5	386	3.71	3.4	0.4	1.8	1.5	15	<0.1	0.1	<0.1	112	0.28	0.067
1028702	Soil	0.8	25.6	7.2	46	<0.1	17.1	9.8	246	2.58	7.7	0.9	3.3	3.7	17	<0.1	0.5	0.1	59	0.15	0.015
1028703	Soil	0.9	24.9	7.3	50	<0.1	16.0	10.9	353	2.76	7.2	0.9	3.9	3.7	21	<0.1	0.4	0.2	65	0.17	0.017
1028649	Soil	0.1	33.9	3.2	97	<0.1	29.4	28.4	900	4.53	1.0	0.9	0.5	7.9	42	<0.1	<0.1	<0.1	73	0.87	0.092
1055651	Soil	0.1	4.4	4.0	130	<0.1	10.8	22.7	767	4.51	1.0	1.0	1.1	6.2	47	<0.1	<0.1	<0.1	80	0.87	0.116
1055652	Soil	0.4	27.5	3.8	78	<0.1	11.0	17.6	591	3.81	2.2	0.6	<0.5	10.3	32	<0.1	0.2	<0.1	64	0.39	0.060
1028645	Soil	0.3	9.0	2.8	66	<0.1	9.8	17.6	707	3.81	1.1	0.5	<0.5	5.1	17	<0.1	0.1	<0.1	74	0.37	0.068
1055654	Soil	0.2	28.1	1.2	96	<0.1	10.4	24.0	749	4.02	<0.5	0.2	<0.5	10.5	33	<0.1	<0.1	<0.1	81	0.44	0.083
1028648	Soil	0.3	6.9	2.6	67	<0.1	10.6	17.7	571	3.70	1.6	0.2	<0.5	2.8	24	<0.1	<0.1	<0.1	74	0.34	0.074
1028646	Soil	0.2	40.5	4.0	62	<0.1	9.2	19.3	841	4.58	0.7	1.1	0.8	10.7	12	<0.1	0.1	<0.1	81	0.30	0.079
1028647	Soil	0.2	58.3	6.1	87	<0.1	35.0	32.0	799	4.89	2.3	0.5	<0.5	4.6	53	<0.1	<0.1	<0.1	77	0.83	0.096
1055653	Soil	0.1	30.7	3.1	97	<0.1	13.7	24.5	1170	4.09	<0.5	0.7	0.8	7.0	70	<0.1	<0.1	<0.1	81	0.73	0.088
1028650	Soil	0.2	34.2	3.4	97	<0.1	26.1	26.1	876	4.36	0.9	1.0	0.6	7.8	40	<0.1	<0.1	<0.1	74	0.83	0.086
1028725	Soil	0.8	31.1	5.8	53	0.1	12.8	10.6	406	2.84	3.8	0.4	2.1	2.1	21	<0.1	0.3	0.1	68	0.46	0.039
1028727	Soil	0.8	26.6	7.5	61	<0.1	21.5	12.1	331	2.61	6.8	0.8	2.2	3.3	30	0.1	0.6	0.1	60	0.49	0.045
1028728	Soil	0.7	28.1	6.6	58	0.1	21.6	9.6	290	2.33	6.5	0.8	2.5	3.3	28	0.1	0.5	0.2	53	0.50	0.055
1028733	Soil	0.9	75.5	10.5	136	<0.1	33.1	19.0	833	4.02	16.7	0.7	5.9	4.4	29	0.4	0.6	0.2	80	0.52	0.065
1028726	Soil	1.5	26.1	7.5	75	0.3	18.3	10.1	477	2.74	8.3	0.7	1.0	2.6	19	0.5	0.4	0.1	59	0.37	0.036
1028704	Soil	1.1	31.6	8.7	45	<0.1	20.5	10.7	316	2.90	8.9	1.2	5.2	5.4	19	<0.1	0.6	0.1	60	0.16	0.023
1028706	Soil	0.4	53.1	5.5	61	<0.1	20.9	17.1	521	4.12	3.5	0.9	1.5	5.0	63	<0.1	0.2	<0.1	100	0.82	0.029
1028709	Soil	0.3	50.7	4.4	51	<0.1	21.0	15.9	361	3.15	5.3	0.7	6.3	2.8	28	<0.1	0.2	<0.1	83	0.45	0.070
1028711	Soil	0.5	36.2	5.1	67	<0.1	18.0	13.9	300	2.83	5.4	0.8	3.0	3.0	16	<0.1	0.3	<0.1	65	0.29	0.071
1028724	Soil	0.9	32.1	7.5	48	<0.1	13.6	9.6	315	2.91	4.9	0.4	2.0	2.5	16	<0.1	0.3	0.2	70	0.28	0.033
1028705	Soil	0.7	15.2	6.2	48	<0.1	16.7	9.5	269	2.67	6.7	0.7	3.6	8.2	20	<0.1	0.5	0.1	55	0.16	0.017
1028707	Soil	0.9	39.3	11.0	76	<0.1	15.1	9.3	263	2.81	6.2	0.6	1.5	2.8	15	0.2	0.4	0.2	68	0.15	0.019
1028708	Soil	0.4	53.7	4.7	68	<0.1	31.2	22.5	518	4.24	2.6	0.4	0.9	2.0	40	<0.1	0.1	<0.1	120	0.42	0.067
1028712	Soil	0.7	26.9	4.1	112	<0.1	5.5	13.8	1180	5.75	2.6	0.3	<0.5	1.1	9	<0.1	0.1	<0.1	105	0.36	0.199
1028710	Soil	0.5	18.8	7.0	75	<0.1	20.8	12.0	424	3.03	5.2	0.4	<0.5	2.8	16	0.1	0.2	0.1	63	0.28	0.064

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000705.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055655	Soil	20	23	1.42	228	0.017	<1	2.22	0.012	0.05	1.0	0.02	4.7	<0.1	<0.05	10	<0.5	<0.2
1055656	Soil	18	34	2.35	237	0.233	<1	2.71	0.009	0.48	<0.1	<0.01	1.6	0.2	<0.05	7	0.5	<0.2
1028701	Soil	5	40	1.71	295	0.146	1	2.51	0.019	0.38	<0.1	<0.01	4.4	0.1	<0.05	8	<0.5	<0.2
1028702	Soil	11	30	0.53	220	0.059	2	1.67	0.011	0.04	0.2	0.04	4.1	<0.1	<0.05	5	<0.5	<0.2
1028703	Soil	11	30	0.62	239	0.085	1	1.81	0.010	0.06	0.1	0.03	4.4	0.1	<0.05	5	<0.5	<0.2
1028649	Soil	16	45	1.86	136	0.094	<1	2.24	0.011	0.08	0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1055651	Soil	10	26	1.43	77	0.053	<1	2.07	0.021	0.06	<0.1	<0.01	7.8	<0.1	<0.05	10	<0.5	<0.2
1055652	Soil	23	23	1.51	132	0.012	<1	2.23	0.005	0.04	<0.1	0.01	2.9	<0.1	<0.05	7	<0.5	<0.2
1028645	Soil	18	21	1.50	256	0.186	1	2.28	0.008	0.94	<0.1	<0.01	2.7	0.3	<0.05	7	<0.5	<0.2
1055654	Soil	13	26	2.07	612	0.251	<1	2.55	0.012	1.48	<0.1	<0.01	1.5	0.3	<0.05	6	<0.5	<0.2
1028648	Soil	6	21	1.52	450	0.205	<1	2.05	0.012	0.88	<0.1	<0.01	1.4	0.2	<0.05	6	<0.5	<0.2
1028646	Soil	44	20	1.21	462	0.082	1	2.15	0.012	0.79	<0.1	0.09	8.9	0.2	<0.05	7	<0.5	<0.2
1028647	Soil	12	53	2.53	181	0.192	<1	2.83	0.008	0.05	0.1	<0.01	4.4	<0.1	<0.05	8	<0.5	<0.2
1055653	Soil	16	22	1.59	653	0.137	<1	2.06	0.012	0.52	<0.1	0.01	2.6	0.1	<0.05	7	<0.5	<0.2
1028650	Soil	19	40	1.78	121	0.085	<1	2.25	0.011	0.10	0.2	<0.01	3.1	<0.1	<0.05	7	<0.5	<0.2
1028725	Soil	8	24	0.74	311	0.067	1	1.64	0.012	0.09	0.1	0.03	4.7	<0.1	<0.05	5	<0.5	<0.2
1028727	Soil	11	31	0.67	309	0.072	2	1.63	0.024	0.06	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
1028728	Soil	11	28	0.60	314	0.064	1	1.41	0.017	0.06	0.2	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1028733	Soil	10	40	1.02	323	0.043	1	1.94	0.010	0.08	0.1	0.04	6.7	<0.1	<0.05	7	<0.5	<0.2
1028726	Soil	11	25	0.49	470	0.046	<1	1.37	0.012	0.06	0.1	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2
1028704	Soil	12	34	0.50	245	0.066	<1	1.88	0.011	0.06	0.2	0.03	4.4	<0.1	<0.05	5	0.5	<0.2
1028706	Soil	21	38	1.22	377	0.085	<1	3.15	0.012	0.07	<0.1	0.02	9.3	<0.1	<0.05	8	<0.5	<0.2
1028709	Soil	10	27	1.21	268	0.159	<1	1.94	0.018	0.22	<0.1	0.02	4.3	<0.1	<0.05	6	<0.5	<0.2
1028711	Soil	18	28	0.89	225	0.112	<1	1.70	0.017	0.15	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
1028724	Soil	8	24	0.56	322	0.056	<1	1.55	0.009	0.07	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
1028705	Soil	18	30	0.58	199	0.096	<1	1.94	0.014	0.14	<0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1028707	Soil	10	40	0.65	195	0.057	<1	1.83	0.008	0.03	0.1	0.03	3.8	<0.1	<0.05	7	0.6	<0.2
1028708	Soil	7	67	2.22	389	0.272	<1	3.15	0.021	0.49	<0.1	<0.01	5.0	0.2	<0.05	11	<0.5	<0.2
1028712	Soil	5	10	1.37	227	0.277	<1	2.33	0.015	0.83	<0.1	0.01	9.7	0.2	<0.05	13	<0.5	<0.2
1028710	Soil	9	37	0.92	252	0.142	<1	1.90	0.012	0.24	0.1	0.02	3.9	<0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000705.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028716	Soil	0.4	32.6	3.5	90	<0.1	7.7	16.8	842	4.68	2.0	0.3	<0.5	1.6	19	0.1	0.1	<0.1	94	0.51	0.197
1028719	Soil	0.7	35.1	6.7	47	<0.1	19.0	12.0	282	2.68	6.5	0.6	1.6	3.3	16	<0.1	0.4	0.1	67	0.23	0.028
1028720	Soil	0.8	34.4	6.4	58	<0.1	18.7	14.7	375	3.38	6.8	0.3	<0.5	1.6	19	<0.1	0.3	<0.1	87	0.26	0.060
1028721	Soil	0.7	24.1	8.0	37	0.1	12.1	7.0	162	2.08	5.6	0.9	0.9	3.3	19	<0.1	0.3	0.1	54	0.24	0.023
1028722	Soil	1.0	26.8	6.5	45	<0.1	13.9	8.8	355	2.44	5.4	0.7	1.9	2.9	18	<0.1	0.4	0.1	55	0.30	0.034
1028734	Soil	0.6	40.8	3.2	87	<0.1	29.6	21.8	708	4.23	17.7	0.4	1.4	2.8	20	0.2	0.2	<0.1	80	0.45	0.081
1028729	Soil	0.8	31.9	6.5	55	0.1	21.9	9.9	342	2.37	7.1	0.6	3.9	3.1	32	0.2	0.5	0.1	53	0.54	0.055
1028715	Soil	0.6	25.7	6.0	47	<0.1	20.2	11.0	259	2.57	7.5	0.5	2.5	2.6	18	<0.1	0.4	0.1	59	0.24	0.040
1028714	Soil	0.8	26.9	5.8	54	<0.1	15.2	10.6	347	3.00	6.3	0.4	2.5	2.2	14	<0.1	0.3	0.1	77	0.27	0.079
1028718	Soil	0.8	23.0	6.8	48	<0.1	14.4	8.5	183	2.50	7.2	0.5	7.6	2.6	19	<0.1	0.3	0.1	54	0.19	0.039
1028731	Soil	0.8	56.8	6.2	68	<0.1	18.9	10.7	416	2.58	18.3	0.7	3.8	3.4	21	0.2	0.5	0.2	54	0.40	0.040
1028732	Soil	0.6	54.3	6.4	69	<0.1	19.9	11.3	391	2.63	17.9	0.8	3.5	3.4	21	<0.1	0.5	0.2	55	0.43	0.043
1028730	Soil	0.7	32.9	7.0	57	0.1	22.9	9.8	358	2.43	7.5	0.8	2.3	3.6	30	0.1	0.6	0.1	52	0.49	0.057
1028713	Soil	0.4	85.7	3.1	68	<0.1	22.8	18.2	544	3.80	2.9	0.4	0.9	1.7	13	<0.1	0.1	<0.1	106	0.39	0.125
1028717	Soil	0.5	28.0	4.2	50	<0.1	15.6	9.8	305	2.71	4.8	0.3	2.7	1.9	17	<0.1	0.2	<0.1	80	0.27	0.048
1055632	Soil	0.5	26.0	36.8	71	<0.1	17.9	15.0	593	3.46	4.0	0.8	2.1	3.6	31	<0.1	0.2	0.1	82	0.38	0.056
1055603	Soil	0.4	16.5	6.1	55	<0.1	14.0	9.1	245	2.40	4.9	0.6	5.4	1.8	19	0.1	0.2	0.1	54	0.25	0.051
1055601	Soil	0.4	18.9	6.3	66	<0.1	13.5	12.2	399	2.81	4.0	0.6	2.8	2.9	26	0.1	0.2	<0.1	62	0.35	0.052
1055631	Soil	0.4	17.1	4.8	55	<0.1	13.3	10.4	396	2.69	4.0	0.8	5.8	3.6	24	<0.1	0.2	<0.1	68	0.35	0.061
1055633	Soil	0.6	15.4	6.3	62	<0.1	15.7	12.4	440	2.93	5.2	0.5	3.5	3.2	21	0.1	0.2	0.1	66	0.27	0.041
1055635	Soil	0.5	27.3	5.9	79	<0.1	13.0	13.8	482	3.32	3.6	0.5	3.4	3.0	26	<0.1	0.2	<0.1	71	0.39	0.066
1055609	Soil	0.5	23.0	5.6	56	<0.1	16.1	10.4	309	2.60	5.3	0.6	2.8	3.3	24	<0.1	0.3	0.1	58	0.35	0.052
1055606	Soil	0.6	17.0	6.1	50	<0.1	14.8	8.4	226	2.23	4.7	0.6	3.8	1.6	21	<0.1	0.3	0.2	50	0.29	0.047
1055634	Soil	0.5	20.7	5.0	69	<0.1	13.5	14.8	529	3.36	3.7	0.6	3.8	2.9	28	<0.1	0.2	<0.1	70	0.38	0.057
1055607	Soil	0.5	20.4	6.1	55	<0.1	16.8	9.9	265	2.48	5.5	0.8	6.7	2.7	22	0.1	0.3	0.1	55	0.30	0.050
1028723	Soil	0.9	32.6	6.8	53	<0.1	14.7	10.3	340	3.27	6.1	0.4	2.8	2.1	14	0.2	0.3	0.2	79	0.25	0.049
1055605	Soil	0.5	14.7	4.6	61	<0.1	13.3	11.6	373	2.80	4.6	0.4	2.7	2.6	28	<0.1	0.3	<0.1	60	0.35	0.066
1055604	Soil	0.5	19.4	6.4	60	<0.1	15.8	11.7	385	2.78	5.1	0.7	4.9	2.9	24	0.1	0.3	0.1	60	0.32	0.052
1055612	Soil	0.7	17.0	6.4	56	<0.1	14.7	10.6	296	2.70	5.6	0.6	4.8	3.0	22	<0.1	0.3	0.1	60	0.32	0.046
1055636	Soil	0.5	23.2	7.6	85	<0.1	14.5	15.6	544	3.58	3.9	0.7	2.5	3.2	28	0.1	0.2	<0.1	74	0.39	0.062

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028716	Soil	5	14	1.18	223	0.156	<1	2.32	0.017	0.40	<0.1	<0.01	5.5	0.1	<0.05	10	<0.5	<0.2
1028719	Soil	10	33	0.70	198	0.082	1	1.85	0.013	0.04	<0.1	0.01	3.1	<0.1	<0.05	5	<0.5	<0.2
1028720	Soil	5	31	1.01	219	0.127	<1	2.19	0.013	0.10	0.1	0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1028721	Soil	11	26	0.41	233	0.063	<1	1.28	0.010	0.04	0.1	0.03	3.5	<0.1	<0.05	5	<0.5	<0.2
1028722	Soil	11	26	0.44	424	0.041	<1	1.47	0.010	0.05	0.1	0.02	5.0	<0.1	<0.05	5	<0.5	<0.2
1028734	Soil	7	46	1.58	349	0.086	2	2.21	0.014	0.33	<0.1	<0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
1028729	Soil	10	28	0.62	272	0.064	1	1.45	0.025	0.05	0.2	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1028715	Soil	7	30	0.70	205	0.076	3	1.69	0.013	0.09	0.1	0.02	3.1	<0.1	<0.05	5	<0.5	<0.2
1028714	Soil	6	24	0.66	200	0.092	2	1.72	0.013	0.29	0.1	<0.01	3.4	0.1	<0.05	6	<0.5	<0.2
1028718	Soil	7	27	0.51	145	0.050	2	1.63	0.010	0.04	0.1	0.02	2.3	<0.1	<0.05	4	<0.5	<0.2
1028731	Soil	11	30	0.66	253	0.061	1	1.48	0.013	0.08	0.1	0.01	4.0	<0.1	<0.05	5	<0.5	<0.2
1028732	Soil	10	30	0.71	252	0.063	1	1.53	0.013	0.06	0.1	0.02	4.0	<0.1	<0.05	5	<0.5	<0.2
1028730	Soil	12	29	0.62	331	0.059	<1	1.44	0.026	0.06	0.2	0.04	3.8	<0.1	<0.05	5	0.6	<0.2
1028713	Soil	13	42	1.52	328	0.192	1	2.36	0.020	0.55	<0.1	<0.01	3.2	0.1	<0.05	8	<0.5	<0.2
1028717	Soil	6	23	1.05	240	0.123	1	1.73	0.009	0.29	0.1	0.01	3.6	0.1	<0.05	5	<0.5	<0.2
1055632	Soil	13	34	1.22	179	0.147	1	2.31	0.012	0.14	0.1	0.03	4.4	0.1	<0.05	9	<0.5	<0.2
1055603	Soil	9	25	0.66	138	0.096	1	1.71	0.010	0.09	0.1	0.02	2.5	<0.1	<0.05	6	<0.5	<0.2
1055601	Soil	9	26	0.89	138	0.126	1	1.92	0.012	0.14	0.1	0.02	2.6	<0.1	<0.05	6	<0.5	<0.2
1055631	Soil	11	26	0.98	169	0.129	1	1.78	0.012	0.26	<0.1	0.02	4.0	0.1	<0.05	6	<0.5	<0.2
1055633	Soil	8	29	0.84	116	0.124	1	1.99	0.010	0.09	0.1	0.01	2.4	<0.1	<0.05	6	<0.5	<0.2
1055635	Soil	8	26	1.13	144	0.165	1	2.10	0.013	0.26	0.1	<0.01	2.4	0.1	<0.05	7	<0.5	<0.2
1055609	Soil	11	28	0.76	170	0.118	1	1.73	0.014	0.12	0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2
1055606	Soil	9	23	0.53	153	0.085	2	1.64	0.012	0.05	0.1	0.02	2.4	0.2	<0.05	5	0.6	<0.2
1055634	Soil	9	26	1.09	148	0.138	1	2.16	0.010	0.17	<0.1	0.01	2.4	<0.1	<0.05	7	<0.5	<0.2
1055607	Soil	11	27	0.67	185	0.094	1	1.82	0.012	0.07	0.1	0.02	3.0	0.1	<0.05	5	<0.5	<0.2
1028723	Soil	7	26	0.66	318	0.052	1	1.76	0.010	0.08	0.1	0.01	5.3	<0.1	<0.05	6	<0.5	<0.2
1055605	Soil	8	25	0.85	139	0.120	1	1.79	0.013	0.12	0.1	0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
1055604	Soil	10	27	0.84	158	0.115	1	1.83	0.013	0.10	0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1055612	Soil	10	26	0.74	163	0.116	<1	1.88	0.012	0.08	0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1055636	Soil	11	30	1.24	153	0.160	1	2.26	0.012	0.21	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000705.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055626	Soil	0.8	18.9	9.0	61	<0.1	13.5	11.7	421	3.19	5.3	0.5	2.6	2.6	29	<0.1	0.2	0.1	78	0.29	0.032
1055624	Soil	1.1	12.8	9.4	48	<0.1	9.0	8.5	329	2.43	3.4	0.3	3.5	1.6	42	0.1	0.2	0.1	72	0.25	0.034
1055620	Soil	0.5	25.6	7.5	86	<0.1	14.2	12.9	466	3.02	3.5	0.7	4.1	3.2	25	0.2	0.3	0.1	68	0.43	0.062
1055628	Soil	0.4	17.0	7.1	52	0.1	13.0	7.5	233	2.23	3.4	0.6	4.2	2.0	25	<0.1	0.2	0.1	50	0.34	0.051
1055625	Soil	0.4	35.7	8.8	89	<0.1	13.2	15.2	669	3.60	2.9	0.5	2.1	4.2	58	0.1	0.1	<0.1	69	0.41	0.062
1055602	Soil	0.6	20.3	6.7	60	0.1	14.9	9.9	269	2.68	4.0	0.9	3.9	2.3	23	0.1	0.2	0.1	57	0.31	0.044
1055630	Soil	0.6	22.8	7.2	59	<0.1	16.1	10.9	345	2.71	5.1	0.7	3.4	3.1	24	0.1	0.3	0.1	60	0.33	0.048
1055621	Soil	0.8	14.9	5.7	46	0.1	12.3	12.3	505	2.52	3.2	0.5	5.2	1.7	26	<0.1	0.2	<0.1	57	0.46	0.053
1055619	Soil	0.5	29.7	7.2	86	<0.1	14.1	14.5	548	3.29	3.3	0.6	2.1	3.2	27	<0.1	0.2	<0.1	72	0.45	0.081
1055618	Soil	0.6	38.2	7.5	78	<0.1	18.1	16.1	668	3.90	4.7	0.9	3.1	5.0	29	<0.1	0.2	0.1	84	0.50	0.087
1055608	Soil	0.6	21.3	5.6	64	<0.1	17.1	12.3	386	3.01	5.0	0.7	1.4	3.3	27	<0.1	0.3	0.2	65	0.41	0.052
1055629	Soil	0.5	20.7	6.6	63	<0.1	16.0	11.1	309	2.49	4.1	0.8	0.7	3.4	31	<0.1	0.3	0.2	61	0.43	0.055
1055627	Soil	0.7	20.5	7.5	68	<0.1	16.6	12.1	424	3.25	5.4	0.6	1.2	3.7	34	<0.1	0.3	0.2	72	0.48	0.052
1055623	Soil	0.6	22.5	7.9	96	<0.1	15.3	16.5	676	4.07	3.8	0.4	<0.5	2.9	37	<0.1	0.2	0.1	90	0.60	0.084
1055622	Soil	0.9	15.8	7.5	68	<0.1	15.1	14.2	577	3.35	4.3	0.7	<0.5	3.1	36	0.1	0.2	0.1	71	0.69	0.068
1013348	Soil	1.6	25.1	7.6	100	0.3	20.0	8.7	598	2.24	6.3	1.0	1.1	2.9	23	0.4	0.6	0.1	56	0.23	0.080
1013349	Soil	1.8	37.0	8.7	83	0.3	29.2	8.4	209	2.30	11.0	1.1	3.2	4.7	29	0.3	0.6	0.2	63	0.21	0.025
1013350	Soil	9.4	46.6	10.5	75	0.2	19.6	5.7	158	2.31	12.2	2.2	2.9	4.9	28	0.2	0.8	0.2	61	0.14	0.042
1054038	Soil	5.2	40.7	8.3	53	0.2	22.7	7.8	212	2.19	8.3	1.5	4.0	4.4	26	0.1	0.5	0.2	54	0.24	0.029
1054039	Soil	1.5	33.3	7.9	70	<0.1	20.3	6.9	131	2.31	1.8	1.2	4.2	9.2	15	0.2	0.2	0.2	34	0.07	0.028
1015037	Soil	2.0	29.7	8.2	56	0.2	25.6	9.0	362	2.24	7.4	0.8	0.7	4.4	30	0.2	0.5	0.2	49	0.40	0.035
1015038	Soil	1.3	43.3	8.1	70	0.4	28.5	9.9	310	2.51	7.4	0.9	6.1	5.7	42	0.1	0.6	0.1	54	1.03	0.049
1015039	Soil	1.5	36.4	7.4	51	0.2	25.4	6.9	179	2.06	12.0	1.0	5.5	5.5	25	0.2	0.6	0.2	45	0.26	0.042
1015040	Soil	1.1	39.6	6.5	65	0.3	25.2	7.2	190	2.89	5.7	1.2	<0.5	7.8	21	<0.1	0.3	0.3	78	0.16	0.034
1013347	Soil	1.1	64.6	7.6	130	<0.1	67.5	15.3	662	5.44	4.7	1.9	4.0	7.0	28	0.3	0.3	0.2	109	0.55	0.112
1055611	Soil	0.6	18.2	5.6	57	<0.1	14.9	10.4	291	2.54	5.3	0.6	1.3	3.1	26	0.1	0.3	0.1	63	0.38	0.050
1054047	Soil	0.6	16.5	9.6	62	<0.1	23.0	9.8	369	2.87	4.0	0.8	<0.5	11.6	16	<0.1	0.3	0.1	48	0.20	0.026
1054048	Soil	0.3	31.9	11.9	102	<0.1	33.4	14.3	403	4.92	1.3	2.6	<0.5	22.2	13	<0.1	0.2	0.1	36	0.27	0.037
1054049	Soil	2.2	40.9	10.2	87	0.7	28.9	8.4	197	3.13	8.2	1.0	2.2	4.8	34	0.1	0.8	0.2	79	0.27	0.043
1054050	Soil	3.0	44.7	8.0	65	0.2	14.0	5.9	419	2.30	3.3	2.1	0.8	5.5	23	0.1	0.3	0.2	61	0.17	0.031

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055626	Soil	8	26	0.84	139	0.154	<1	2.06	0.010	0.11	0.1	0.03	2.6	<0.1	<0.05	7	<0.5	<0.2
1055624	Soil	6	18	0.66	116	0.167	<1	1.51	0.010	0.20	<0.1	0.02	1.7	0.2	<0.05	7	<0.5	<0.2
1055620	Soil	11	26	1.06	224	0.170	<1	1.90	0.012	0.40	0.1	0.01	3.1	0.2	<0.05	6	<0.5	<0.2
1055628	Soil	8	23	0.66	151	0.100	1	1.67	0.012	0.11	0.1	0.02	2.4	<0.1	<0.05	6	<0.5	<0.2
1055625	Soil	11	24	1.28	246	0.124	1	2.37	0.012	0.28	<0.1	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
1055602	Soil	11	28	0.80	195	0.117	1	2.06	0.013	0.13	<0.1	0.05	3.1	0.1	<0.05	7	<0.5	<0.2
1055630	Soil	9	28	0.79	168	0.105	2	1.92	0.012	0.08	0.2	0.03	3.2	<0.1	<0.05	6	<0.5	<0.2
1055621	Soil	7	21	0.69	191	0.119	<1	1.59	0.012	0.15	<0.1	0.02	2.5	<0.1	<0.05	5	<0.5	<0.2
1055619	Soil	10	26	1.20	208	0.185	<1	2.09	0.014	0.52	0.1	0.01	2.9	0.2	<0.05	6	<0.5	<0.2
1055618	Soil	17	33	1.39	285	0.180	1	2.51	0.013	0.47	<0.1	0.02	4.6	0.2	<0.05	7	<0.5	<0.2
1055608	Soil	11	29	0.87	206	0.143	3	1.88	0.016	0.13	0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1055629	Soil	12	28	0.74	183	0.128	4	1.83	0.017	0.12	0.1	0.03	3.6	<0.1	<0.05	5	<0.5	<0.2
1055627	Soil	12	30	0.95	181	0.170	3	2.11	0.016	0.17	0.1	0.03	3.4	0.1	<0.05	6	<0.5	<0.2
1055623	Soil	8	29	1.39	192	0.254	3	2.37	0.016	0.63	0.1	0.02	2.5	0.2	<0.05	7	<0.5	<0.2
1055622	Soil	8	29	0.90	213	0.142	3	2.05	0.014	0.18	0.1	0.04	3.4	<0.1	<0.05	7	<0.5	<0.2
1013348	Soil	11	29	0.33	358	0.059	3	1.22	0.008	0.11	<0.1	0.01	2.2	<0.1	<0.05	4	0.6	<0.2
1013349	Soil	18	33	0.39	470	0.063	3	1.48	0.011	0.05	0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1013350	Soil	15	29	0.23	447	0.044	2	1.25	0.006	0.06	0.1	0.06	2.8	<0.1	<0.05	4	3.1	<0.2
1054038	Soil	13	31	0.36	527	0.056	2	1.54	0.011	0.06	0.2	0.04	3.7	<0.1	<0.05	4	3.0	<0.2
1054039	Soil	25	22	0.26	168	0.041	2	1.12	0.005	0.26	<0.1	<0.01	1.8	0.2	<0.05	3	<0.5	<0.2
1015037	Soil	14	32	0.36	401	0.072	2	1.36	0.010	0.19	0.1	0.03	3.1	0.1	<0.05	4	1.2	<0.2
1015038	Soil	19	33	0.54	389	0.086	2	1.39	0.020	0.18	0.1	0.06	3.3	0.1	<0.05	4	0.6	<0.2
1015039	Soil	17	28	0.32	264	0.051	3	1.12	0.011	0.17	0.1	0.04	3.5	0.2	<0.05	3	1.0	<0.2
1015040	Soil	17	51	0.69	524	0.101	2	1.86	0.010	0.58	<0.1	0.02	3.8	0.5	0.06	5	0.8	<0.2
1013347	Soil	28	114	1.08	591	0.112	<1	2.66	0.011	0.34	<0.1	0.02	8.3	0.1	<0.05	11	<0.5	<0.2
1055611	Soil	11	27	0.66	163	0.135	2	1.87	0.015	0.11	0.1	0.02	2.9	<0.1	<0.05	6	<0.5	<0.2
1054047	Soil	19	40	0.57	176	0.163	2	1.64	0.010	0.60	0.1	0.02	4.6	0.3	<0.05	6	<0.5	<0.2
1054048	Soil	74	38	0.88	379	0.161	1	2.21	0.008	0.62	<0.1	0.03	2.9	0.4	<0.05	8	0.7	<0.2
1054049	Soil	19	38	0.45	332	0.079	2	1.60	0.011	0.19	0.2	0.03	2.8	0.1	0.09	6	1.7	<0.2
1054050	Soil	16	35	0.89	456	0.126	3	1.66	0.009	0.75	<0.1	0.02	3.5	0.3	0.18	6	0.8	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010898	Soil		0.8	21.6	9.3	49	0.1	22.6	7.6	253	2.44	6.0	1.0	<0.5	8.2	19	<0.1	0.4	0.3	55	0.23	0.031
1010899	Soil		2.0	77.0	4.1	153	0.1	61.1	15.6	945	3.84	3.8	2.1	2.7	4.1	23	0.6	0.2	0.1	121	0.37	0.091
1010897	Soil		0.6	20.0	6.1	55	<0.1	20.5	5.7	235	1.92	3.0	1.5	<0.5	10.4	14	<0.1	0.2	0.2	45	0.21	0.022
1010896	Soil		0.2	79.3	2.0	51	<0.1	23.5	14.5	397	3.16	1.2	0.5	<0.5	1.0	45	<0.1	0.2	<0.1	93	1.06	0.058
1010895	Soil		0.2	40.6	2.0	82	<0.1	71.9	25.9	597	3.96	1.4	0.6	<0.5	4.3	47	<0.1	<0.1	<0.1	79	0.75	0.153
1013344	Soil		0.6	38.7	5.7	57	<0.1	31.5	7.6	141	3.28	2.8	1.5	<0.5	8.0	15	<0.1	0.2	0.2	53	0.13	0.040
1013346	Soil		1.6	65.9	6.5	129	<0.1	69.3	17.4	349	4.42	2.6	1.9	0.7	6.9	19	0.2	0.1	0.1	113	0.39	0.102
1054043	Soil		1.5	118.0	6.1	110	<0.1	98.0	23.7	454	4.90	1.9	2.5	9.6	7.9	31	0.2	0.3	0.2	141	0.86	0.272
1010900	Soil		7.6	31.3	7.4	98	0.3	24.9	6.9	372	2.03	5.3	1.9	0.7	4.2	24	0.6	0.4	0.2	60	0.15	0.044
1013343	Soil		1.6	59.8	9.4	116	0.1	29.5	13.0	852	3.43	4.7	1.2	<0.5	5.5	11	0.4	0.3	0.2	58	0.19	0.060
1054040	Soil		1.8	72.5	8.5	114	<0.1	57.6	18.9	865	4.33	4.2	2.2	<0.5	9.0	18	0.1	0.2	0.6	85	0.21	0.073
1054041	Soil		1.3	45.8	8.1	119	<0.1	43.1	12.5	501	3.03	17.2	0.9	<0.5	3.8	19	0.1	0.8	0.2	68	0.20	0.037
1054042	Soil		1.3	56.0	9.1	63	0.1	30.5	10.4	296	2.49	9.2	1.5	6.7	5.8	20	<0.1	0.7	0.2	63	0.20	0.033
1054044	Soil		3.0	95.2	9.3	112	0.2	54.5	15.5	604	3.90	2.9	2.4	5.2	8.8	27	0.2	0.3	0.3	87	0.36	0.129
1013345	Soil		0.4	27.1	6.2	61	<0.1	23.5	9.2	285	2.91	1.6	1.6	<0.5	15.0	16	<0.1	<0.1	<0.1	38	0.24	0.017
1014002	Soil		0.4	41.0	5.5	77	<0.1	24.5	15.9	404	3.61	4.6	0.6	3.8	2.5	31	<0.1	0.2	0.2	91	0.33	0.044
1014008	Soil		1.1	43.5	5.3	77	<0.1	23.5	16.9	928	4.66	6.4	0.3	1.2	1.7	9	0.2	0.2	0.2	95	0.17	0.142
1014007	Soil		0.5	60.6	3.5	76	<0.1	22.8	19.0	749	5.04	3.6	0.2	<0.5	1.4	12	<0.1	0.2	<0.1	103	0.29	0.110
1014009	Soil		0.5	52.9	4.1	90	<0.1	18.4	27.2	838	6.03	4.7	0.3	<0.5	1.2	15	<0.1	0.1	<0.1	166	0.40	0.150
1014010	Soil		0.4	30.8	6.6	57	<0.1	21.6	10.2	270	2.73	6.9	0.6	2.1	3.3	21	<0.1	0.4	0.1	59	0.29	0.055
1014004	Soil		1.0	31.9	8.1	59	<0.1	19.4	10.4	291	3.19	7.9	1.1	4.2	3.8	18	<0.1	0.4	0.1	66	0.19	0.030
1014001	Soil		0.8	33.4	8.5	61	<0.1	18.5	10.9	307	2.97	7.3	1.2	<0.5	4.2	24	<0.1	0.3	0.2	65	0.30	0.027
1014003	Soil		0.6	83.4	6.4	64	<0.1	20.0	21.0	465	4.10	4.4	0.3	<0.5	1.4	32	0.2	0.2	<0.1	102	0.31	0.044
1014006	Soil		0.5	44.6	7.1	70	<0.1	17.6	13.1	551	4.08	5.6	0.8	2.0	2.9	25	<0.1	0.3	<0.1	80	0.30	0.065
1014005	Soil		0.7	32.8	7.1	46	<0.1	17.7	8.9	245	2.72	6.7	0.9	2.1	3.4	19	<0.1	0.3	0.1	62	0.22	0.028
1054045	Soil		1.4	70.7	7.1	129	0.1	51.0	8.8	288	3.18	1.0	1.4	3.2	7.3	14	0.2	0.1	0.2	60	0.16	0.041
1054046	Soil		0.2	31.7	12.9	90	<0.1	34.1	14.3	455	4.50	0.5	1.5	2.8	21.0	21	<0.1	<0.1	0.2	37	0.57	0.036
1010892	Soil		0.3	36.1	2.7	69	<0.1	12.5	21.9	473	4.22	1.7	0.3	<0.5	4.3	21	<0.1	<0.1	<0.1	90	0.36	0.063
1010893	Soil		0.4	25.5	3.0	56	<0.1	11.4	15.7	371	3.16	2.9	0.3	0.8	4.0	12	<0.1	0.1	<0.1	72	0.32	0.071
1010894	Soil		0.2	32.3	1.3	80	<0.1	10.5	22.9	553	4.19	0.7	0.4	1.5	14.9	26	<0.1	<0.1	<0.1	90	0.39	0.102

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000705.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010898	Soil	16	34	0.47	151	0.079	2	1.80	0.009	0.15	<0.1	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1010899	Soil	16	92	1.09	612	0.133	<1	2.12	0.011	0.54	<0.1	0.02	4.5	0.3	<0.05	8	0.8	<0.2
1010897	Soil	18	34	0.40	181	0.080	2	1.43	0.011	0.22	0.1	<0.01	3.7	0.3	<0.05	6	<0.5	<0.2
1010896	Soil	7	47	1.15	233	0.095	<1	2.31	0.085	0.05	<0.1	0.02	8.3	<0.1	<0.05	6	<0.5	<0.2
1010895	Soil	9	200	1.94	700	0.223	<1	2.97	0.026	1.00	<0.1	0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1013344	Soil	37	41	0.91	205	0.119	<1	1.84	0.007	0.55	<0.1	0.01	2.5	0.4	<0.05	5	<0.5	<0.2
1013346	Soil	38	99	1.21	683	0.125	<1	2.46	0.007	0.49	<0.1	<0.01	6.0	0.3	<0.05	9	0.7	<0.2
1054043	Soil	32	178	1.51	597	0.128	<1	2.60	0.009	0.91	0.1	0.04	7.7	0.3	0.06	11	1.6	<0.2
1010900	Soil	13	33	0.42	395	0.070	1	1.45	0.008	0.11	<0.1	0.03	2.2	<0.1	0.06	4	1.6	0.2
1013343	Soil	16	35	0.97	321	0.109	<1	2.23	0.007	0.58	<0.1	0.02	3.3	0.3	<0.05	7	0.6	<0.2
1054040	Soil	26	63	1.33	239	0.124	<1	2.42	0.010	0.84	<0.1	0.01	5.4	0.5	<0.05	8	0.6	<0.2
1054041	Soil	14	72	0.97	211	0.099	<1	1.68	0.009	0.34	<0.1	0.02	3.0	0.1	<0.05	6	<0.5	<0.2
1054042	Soil	17	41	0.58	152	0.095	<1	1.63	0.013	0.16	0.1	0.03	4.5	0.1	<0.05	5	1.1	<0.2
1054044	Soil	32	74	1.19	384	0.128	<1	2.25	0.007	0.79	0.1	0.01	5.6	0.3	<0.05	8	<0.5	<0.2
1013345	Soil	35	39	0.66	237	0.185	<1	2.07	0.009	0.66	0.1	0.01	2.3	0.5	<0.05	6	0.5	<0.2
1014002	Soil	9	50	1.44	350	0.154	1	2.28	0.014	0.33	<0.1	0.03	4.3	0.1	<0.05	7	<0.5	<0.2
1014008	Soil	10	48	1.18	114	0.043	1	2.25	0.010	0.05	<0.1	0.02	5.3	<0.1	<0.05	9	<0.5	<0.2
1014007	Soil	4	41	1.40	147	0.095	2	2.62	0.018	0.11	<0.1	<0.01	7.4	<0.1	<0.05	9	<0.5	<0.2
1014009	Soil	5	31	2.58	235	0.286	1	3.56	0.020	0.50	<0.1	<0.01	4.7	0.1	<0.05	12	<0.5	<0.2
1014010	Soil	10	32	0.74	221	0.100	1	1.55	0.015	0.09	0.2	0.01	3.8	<0.1	<0.05	5	<0.5	<0.2
1014004	Soil	14	33	0.62	241	0.068	2	1.83	0.011	0.07	0.2	0.04	5.3	<0.1	<0.05	5	<0.5	<0.2
1014001	Soil	14	32	0.67	383	0.076	1	1.84	0.015	0.06	0.1	0.03	6.2	<0.1	<0.05	6	<0.5	<0.2
1014003	Soil	4	45	1.55	238	0.167	1	2.67	0.020	0.31	<0.1	0.01	4.1	0.1	<0.05	7	<0.5	<0.2
1014006	Soil	9	30	0.94	152	0.093	1	2.24	0.014	0.04	0.1	0.02	6.9	<0.1	<0.05	8	<0.5	<0.2
1014005	Soil	13	34	0.69	191	0.074	<1	1.68	0.012	0.04	0.1	0.03	3.9	<0.1	<0.05	5	<0.5	<0.2
1054045	Soil	20	38	0.57	289	0.068	<1	1.25	0.005	0.36	<0.1	0.02	2.8	0.3	<0.05	4	1.1	0.2
1054046	Soil	54	41	0.99	350	0.249	1	2.15	0.008	1.05	<0.1	0.02	2.8	0.7	<0.05	7	<0.5	<0.2
1010892	Soil	6	30	1.82	272	0.248	<1	2.95	0.020	0.71	<0.1	<0.01	2.2	0.2	<0.05	6	<0.5	<0.2
1010893	Soil	4	24	1.33	399	0.215	<1	2.15	0.019	0.89	<0.1	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2
1010894	Soil	10	22	1.83	594	0.262	1	2.51	0.021	1.46	<0.1	<0.01	1.2	0.3	<0.05	6	<0.5	<0.2

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Project: PED
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Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1014019	Soil	0.6	37.8	4.9	49	<0.1	23.2	14.8	378	3.15	5.0	0.2	<0.5	1.7	28	<0.1	0.2	0.1	73	0.40	0.058
1014021	Soil	0.7	43.3	3.3	71	<0.1	31.1	26.8	832	5.13	4.0	0.4	<0.5	1.7	20	0.1	0.1	<0.1	122	0.29	0.138
1014023	Soil	0.9	61.2	6.3	64	<0.1	25.9	13.9	435	3.46	6.6	1.1	1.7	5.0	18	<0.1	0.4	0.1	62	0.23	0.028
1014025	Soil	0.9	77.5	5.5	54	0.1	17.2	11.5	444	3.10	5.5	0.5	0.8	2.3	14	0.1	0.7	0.1	69	0.22	0.055
1014014	Soil	0.2	12.4	1.6	35	<0.1	18.4	12.2	355	2.80	0.9	0.6	<0.5	5.8	40	<0.1	<0.1	<0.1	96	0.51	0.123
1014015	Soil	1.3	53.1	6.1	66	<0.1	27.1	15.3	654	4.33	6.0	1.0	1.7	4.6	22	0.2	0.5	0.1	74	0.34	0.053
1014017	Soil	0.8	27.0	7.0	49	<0.1	21.0	12.5	269	3.08	8.4	0.3	<0.5	2.1	15	0.1	0.4	0.1	72	0.16	0.029
1014013	Soil	0.6	40.8	4.9	49	<0.1	18.6	15.0	296	2.91	4.9	0.4	0.8	2.2	23	<0.1	0.2	<0.1	76	0.19	0.025
1014016	Soil	1.0	27.5	4.4	50	<0.1	19.7	15.2	331	3.38	3.6	0.3	<0.5	1.6	40	<0.1	0.2	<0.1	86	0.25	0.037
1014018	Soil	1.3	99.7	15.1	200	<0.1	25.9	20.4	731	3.81	2.0	0.4	3.5	1.9	32	0.4	<0.1	<0.1	92	0.30	0.049
1014011	Soil	0.3	57.6	3.2	55	<0.1	25.8	16.6	422	3.36	2.7	0.5	0.6	2.5	24	<0.1	0.2	<0.1	94	0.61	0.111
1014012	Soil	0.6	32.2	4.4	101	<0.1	8.7	12.2	621	5.01	3.3	0.4	<0.5	2.8	9	0.1	0.2	<0.1	64	0.21	0.119
1014020	Soil	0.4	22.2	6.0	59	<0.1	25.4	15.9	373	3.07	6.3	0.5	<0.5	2.8	25	<0.1	0.3	<0.1	71	0.26	0.033
1014022	Soil	0.3	32.4	3.5	75	<0.1	29.9	25.2	710	4.24	2.7	0.4	0.8	2.7	20	0.1	0.1	<0.1	82	0.23	0.037
1014024	Soil	0.5	112.2	4.8	62	<0.1	19.2	13.0	500	3.70	3.2	0.6	3.7	3.4	16	<0.1	0.3	<0.1	79	0.34	0.067
1011896	Soil	0.5	33.0	3.9	90	<0.1	15.9	26.7	785	5.13	3.4	0.5	<0.5	5.3	42	<0.1	0.1	<0.1	92	0.53	0.067
1013300	Soil	0.4	35.7	4.8	68	<0.1	17.9	20.6	489	3.93	5.1	0.6	0.9	7.4	21	<0.1	0.3	<0.1	88	0.30	0.043
1013292	Soil	0.8	22.5	5.7	53	<0.1	14.2	15.2	764	3.41	4.2	0.8	0.8	4.3	27	<0.1	0.2	<0.1	80	0.36	0.049
1010397	Soil	0.6	29.1	6.0	69	<0.1	21.5	15.7	480	3.73	7.2	0.6	1.0	7.1	32	0.1	0.3	0.2	77	0.39	0.045
1010392	Soil	0.2	14.0	5.3	69	<0.1	29.9	20.9	742	4.39	2.9	1.1	<0.5	5.3	36	<0.1	0.1	<0.1	114	0.63	0.057
1014028	Soil	1.0	44.5	4.0	51	<0.1	16.5	10.5	370	2.82	4.0	0.8	2.1	4.5	19	<0.1	0.3	0.2	62	0.39	0.064
1014027	Soil	1.1	60.7	5.4	51	<0.1	16.2	9.9	296	2.83	4.7	0.7	11.5	3.2	19	<0.1	0.4	0.1	64	0.28	0.037
1014033	Soil	0.9	35.7	4.1	56	0.2	19.4	12.0	411	2.73	4.1	1.4	0.8	2.8	29	0.2	0.3	0.1	64	0.73	0.064
1011892	Soil	0.5	34.7	3.9	71	<0.1	19.5	19.3	556	4.04	6.0	0.6	1.5	7.9	24	<0.1	0.3	0.2	81	0.33	0.045
1011891	Soil	0.3	38.3	3.3	101	<0.1	24.9	31.8	783	5.57	3.5	0.5	2.3	6.5	31	<0.1	0.1	<0.1	88	0.52	0.128
1014030	Soil	0.9	24.2	4.0	49	<0.1	14.2	11.2	397	2.86	3.2	0.8	0.8	4.7	17	0.1	0.4	0.1	63	0.35	0.063
1014032	Soil	1.6	103.2	5.3	53	<0.1	16.3	9.8	309	2.75	5.0	0.6	2.1	2.9	16	0.1	0.6	0.1	59	0.24	0.045
1014029	Soil	0.9	34.0	5.5	50	<0.1	16.4	10.3	348	2.63	5.9	0.7	1.9	3.4	20	0.1	0.3	0.1	59	0.34	0.054
1014026	Soil	0.6	15.8	5.0	54	<0.1	15.4	9.1	275	2.64	5.1	0.5	2.3	3.2	17	<0.1	0.3	0.1	58	0.27	0.051
1014031	Soil	0.8	17.5	5.9	44	<0.1	12.7	8.0	223	2.59	6.0	0.6	3.5	3.4	15	0.1	0.3	0.2	61	0.24	0.043

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1014019	Soil	4	36	1.24	193	0.138	<1	2.01	0.011	0.25	0.2	<0.01	1.9	0.1	<0.05	6	<0.5	<0.2
1014021	Soil	3	59	2.67	219	0.233	2	3.33	0.013	0.70	<0.1	<0.01	3.6	0.1	<0.05	10	<0.5	<0.2
1014023	Soil	16	38	1.04	222	0.070	<1	2.11	0.012	0.12	<0.1	0.03	4.1	<0.1	<0.05	6	<0.5	<0.2
1014025	Soil	8	27	0.76	181	0.106	1	1.64	0.008	0.23	0.2	0.02	2.2	<0.1	<0.05	6	<0.5	<0.2
1014014	Soil	10	37	1.71	480	0.189	<1	1.79	0.024	0.46	<0.1	<0.01	4.8	0.1	<0.05	7	<0.5	<0.2
1014015	Soil	14	35	0.89	365	0.098	<1	1.85	0.019	0.19	0.1	0.05	9.2	<0.1	<0.05	6	<0.5	<0.2
1014017	Soil	6	35	0.82	155	0.107	2	1.89	0.009	0.15	0.1	0.01	2.5	<0.1	<0.05	5	<0.5	<0.2
1014013	Soil	6	35	1.08	228	0.142	1	2.17	0.016	0.24	<0.1	<0.01	3.3	0.1	<0.05	6	0.5	<0.2
1014016	Soil	3	37	1.40	230	0.155	1	2.27	0.015	0.39	<0.1	<0.01	3.5	0.1	<0.05	6	<0.5	<0.2
1014018	Soil	8	42	1.89	225	0.226	<1	2.44	0.011	0.83	0.2	<0.01	3.0	0.2	<0.05	7	<0.5	<0.2
1014011	Soil	9	48	1.72	337	0.207	<1	2.04	0.022	0.40	<0.1	<0.01	3.5	0.1	<0.05	7	<0.5	<0.2
1014012	Soil	8	13	0.85	182	0.174	<1	2.11	0.011	0.64	<0.1	0.01	8.7	0.2	<0.05	10	<0.5	<0.2
1014020	Soil	8	37	1.15	236	0.136	<1	2.13	0.010	0.24	0.1	<0.01	2.8	0.1	<0.05	6	<0.5	<0.2
1014022	Soil	4	42	2.07	208	0.157	<1	2.86	0.010	0.39	<0.1	<0.01	3.1	0.1	<0.05	8	<0.5	<0.2
1014024	Soil	6	31	1.21	212	0.120	1	2.11	0.009	0.46	0.1	0.01	3.5	0.1	<0.05	8	<0.5	<0.2
1011896	Soil	6	32	2.14	324	0.290	<1	2.95	0.011	0.75	<0.1	<0.01	2.1	0.2	<0.05	8	<0.5	<0.2
1013300	Soil	8	35	1.51	340	0.251	<1	2.72	0.015	0.63	<0.1	0.02	2.4	0.1	<0.05	6	<0.5	<0.2
1013292	Soil	15	26	0.98	261	0.154	<1	2.05	0.014	0.12	<0.1	0.02	2.8	<0.1	<0.05	6	<0.5	<0.2
1010397	Soil	11	37	1.14	180	0.155	<1	2.23	0.008	0.15	<0.1	0.01	3.4	0.1	<0.05	6	<0.5	<0.2
1010392	Soil	15	130	1.93	194	0.253	1	2.52	0.020	0.23	<0.1	<0.01	7.6	<0.1	<0.05	9	<0.5	<0.2
1014028	Soil	11	26	0.86	209	0.121	1	1.66	0.010	0.35	0.2	0.01	3.1	0.1	<0.05	5	<0.5	<0.2
1014027	Soil	10	26	0.77	185	0.119	<1	1.75	0.012	0.17	0.1	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
1014033	Soil	14	29	0.84	380	0.080	2	1.68	0.012	0.21	0.2	0.04	5.1	0.1	<0.05	5	<0.5	<0.2
1011892	Soil	16	30	1.55	324	0.212	<1	2.64	0.010	0.75	0.1	0.01	3.2	0.3	<0.05	6	<0.5	<0.2
1011891	Soil	15	46	2.44	429	0.289	1	3.30	0.012	1.49	<0.1	<0.01	2.8	0.5	<0.05	9	<0.5	<0.2
1014030	Soil	12	21	0.73	207	0.104	1	1.55	0.009	0.33	0.1	0.02	3.3	0.1	<0.05	6	<0.5	<0.2
1014032	Soil	10	24	0.68	161	0.092	1	1.67	0.012	0.17	0.1	0.02	2.5	0.1	<0.05	5	<0.5	<0.2
1014029	Soil	10	26	0.66	198	0.097	<1	1.64	0.010	0.14	0.2	0.02	2.7	0.1	<0.05	5	<0.5	<0.2
1014026	Soil	9	26	0.72	138	0.112	<1	1.59	0.010	0.15	0.2	0.03	2.1	<0.1	<0.05	5	<0.5	<0.2
1014031	Soil	11	23	0.57	188	0.083	<1	1.64	0.007	0.13	0.2	0.02	2.8	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000705.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1013448	Soil	0.4	32.1	5.0	73	<0.1	13.7	19.9	611	4.30	3.6	0.6	0.5	5.9	48	<0.1	0.2	<0.1	94	0.48	0.029
1010399	Soil	0.6	20.9	3.2	114	<0.1	22.8	25.8	904	4.96	3.4	0.9	0.6	7.2	53	<0.1	0.2	<0.1	69	0.71	0.173
1013298	Soil	0.4	37.3	4.4	69	<0.1	14.1	19.8	460	4.00	4.2	0.3	0.6	4.5	15	<0.1	0.2	<0.1	89	0.25	0.043
1010398	Soil	0.5	67.6	7.1	96	<0.1	21.2	16.2	576	3.80	6.2	0.6	0.7	7.8	36	<0.1	0.3	<0.1	63	0.39	0.048
1013299	Soil	0.3	47.3	4.4	72	<0.1	13.8	22.1	572	4.23	2.4	0.3	<0.5	5.8	26	<0.1	0.1	<0.1	89	0.41	0.054
1010396	Soil	0.3	32.2	4.4	67	<0.1	52.0	21.6	583	3.82	2.7	0.4	<0.5	4.3	41	<0.1	0.1	<0.1	72	0.65	0.083
1011895	Soil	0.7	21.9	6.6	80	<0.1	18.2	13.4	418	3.20	6.8	0.5	1.1	6.8	35	<0.1	0.3	<0.1	58	0.31	0.038
1011894	Soil	0.7	26.6	6.5	61	<0.1	24.6	12.6	335	3.09	9.7	0.4	1.1	4.7	23	<0.1	0.5	0.1	64	0.29	0.038
1011893	Soil	0.2	28.9	2.5	80	<0.1	13.5	23.6	785	4.55	2.0	0.5	<0.5	12.8	40	<0.1	<0.1	<0.1	91	0.61	0.095
1010400	Soil	0.9	71.3	4.1	91	<0.1	23.2	18.6	661	3.89	5.9	0.6	3.3	5.9	37	<0.1	0.3	<0.1	68	0.45	0.058
1010198	Soil	0.5	28.4	4.0	70	<0.1	13.1	21.4	643	4.10	2.7	0.6	0.6	6.4	86	<0.1	<0.1	<0.1	90	1.65	0.070
1013449	Soil	0.6	35.1	46.1	380	0.1	15.9	17.0	1272	3.63	5.7	0.6	39.5	3.7	42	0.6	0.3	0.6	75	0.50	0.035
1010395	Soil	0.3	24.5	5.3	55	<0.1	11.3	14.3	577	3.73	2.6	1.4	1.4	7.5	26	<0.1	0.1	<0.1	74	0.44	0.040
1010394	Soil	0.4	19.9	8.1	57	<0.1	10.0	14.8	741	3.99	1.9	2.0	0.5	11.9	12	<0.1	0.1	<0.1	72	0.31	0.069
1010196	Soil	0.2	36.2	3.1	86	<0.1	13.3	25.3	743	5.02	2.2	0.7	<0.5	8.2	68	<0.1	<0.1	<0.1	97	0.94	0.113
1010200	Soil	0.8	25.0	10.1	81	<0.1	12.3	18.2	1022	5.24	3.9	1.8	<0.5	17.1	19	<0.1	0.1	0.3	101	0.42	0.094
1013450	Soil	0.7	34.9	10.1	120	0.2	19.2	15.9	756	3.78	6.4	0.8	<0.5	3.1	39	0.2	0.4	0.1	81	0.58	0.049
1010194	Soil	0.3	30.4	3.4	86	<0.1	16.6	22.3	682	4.33	2.4	0.5	<0.5	6.7	45	<0.1	0.1	<0.1	85	0.65	0.131
1010199	Soil	0.9	20.5	9.2	78	<0.1	13.6	18.2	990	5.21	4.0	1.6	<0.5	16.1	18	<0.1	0.2	0.3	100	0.39	0.080
1010195	Soil	0.3	33.7	3.2	90	<0.1	17.3	23.7	683	4.72	2.7	0.6	<0.5	7.7	47	<0.1	0.1	<0.1	93	0.68	0.134
1013297	Soil	0.3	42.8	3.9	86	<0.1	13.4	23.8	760	4.72	3.1	0.5	<0.5	5.7	21	<0.1	0.2	<0.1	100	0.39	0.075
1013447	Soil	0.3	38.3	2.8	78	<0.1	16.1	22.5	636	4.29	2.4	0.3	<0.5	5.5	15	<0.1	0.1	<0.1	91	0.22	0.030
1010393	Soil	0.4	37.3	7.5	73	<0.1	13.6	17.3	719	4.52	2.8	1.2	<0.5	10.7	18	<0.1	0.2	<0.1	81	0.29	0.047
1013295	Soil	0.3	35.6	4.1	83	<0.1	15.3	25.1	783	4.86	2.0	0.5	<0.5	7.4	52	<0.1	0.1	<0.1	90	0.57	0.044
1010197	Soil	0.5	26.7	3.9	65	<0.1	12.6	19.4	600	3.75	2.4	0.5	<0.5	5.5	76	<0.1	<0.1	<0.1	81	1.44	0.061
1013296	Soil	0.6	34.4	5.5	55	<0.1	19.8	13.9	368	3.12	6.4	0.6	4.0	6.8	22	<0.1	0.4	0.1	70	0.28	0.032
1013294	Soil	0.1	19.5	1.5	67	<0.1	10.2	21.4	636	3.88	0.8	0.3	1.2	5.6	23	<0.1	<0.1	<0.1	84	0.41	0.088
1013293	Soil	0.4	27.9	3.4	78	<0.1	14.0	23.7	651	4.37	2.7	0.5	<0.5	8.9	32	<0.1	<0.1	<0.1	95	0.41	0.052
1010391	Soil	0.8	18.0	10.3	75	<0.1	20.5	12.0	557	3.57	7.8	0.7	1.8	5.4	21	<0.1	0.5	0.1	81	0.26	0.047
1012800	Soil	0.6	25.0	5.2	65	<0.1	14.7	17.6	477	3.61	5.2	0.3	<0.5	3.6	18	<0.1	0.3	<0.1	82	0.25	0.036

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Project: PED
Report Date: August 04, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1013448	Soil	7	30	1.64	252	0.243	<1	3.04	0.014	0.25	<0.1	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1010399	Soil	22	41	1.92	170	0.196	<1	2.78	0.011	0.49	<0.1	0.01	3.1	0.2	<0.05	8	<0.5	<0.2
1013298	Soil	6	25	1.62	357	0.254	<1	3.05	0.014	0.60	0.1	0.01	1.3	0.2	<0.05	7	<0.5	<0.2
1010398	Soil	14	40	1.16	145	0.111	<1	2.33	0.007	0.08	0.1	0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1013299	Soil	7	30	1.96	337	0.279	<1	3.00	0.016	0.53	<0.1	<0.01	1.9	0.2	<0.05	7	<0.5	<0.2
1010396	Soil	12	80	2.03	132	0.198	<1	2.64	0.015	0.16	<0.1	<0.01	4.2	<0.1	<0.05	8	<0.5	<0.2
1011895	Soil	9	31	0.92	155	0.123	<1	2.03	0.009	0.19	0.1	0.01	2.3	0.1	<0.05	6	<0.5	<0.2
1011894	Soil	8	32	0.87	158	0.117	<1	2.00	0.009	0.17	0.1	0.01	2.8	<0.1	<0.05	5	<0.5	<0.2
1011893	Soil	11	24	2.06	563	0.297	<1	3.09	0.014	1.32	<0.1	0.01	2.1	0.3	<0.05	7	<0.5	<0.2
1010400	Soil	12	45	1.38	188	0.183	<1	2.36	0.015	0.68	<0.1	0.01	3.3	0.3	<0.05	7	<0.5	<0.2
1010198	Soil	14	24	2.01	231	0.266	<1	4.44	0.009	0.60	<0.1	<0.01	3.0	0.1	<0.05	10	<0.5	<0.2
1013449	Soil	9	31	1.34	200	0.047	2	2.50	0.007	0.06	<0.1	0.01	4.3	<0.1	<0.05	8	<0.5	<0.2
1010395	Soil	18	21	1.29	186	0.081	1	2.29	0.011	0.45	<0.1	0.02	5.6	0.1	<0.05	7	<0.5	<0.2
1010394	Soil	19	17	1.22	160	0.064	1	2.12	0.007	0.40	<0.1	<0.01	6.4	0.1	<0.05	7	<0.5	<0.2
1010196	Soil	11	28	2.07	300	0.239	<1	3.27	0.010	0.53	<0.1	0.01	3.2	0.1	<0.05	10	<0.5	<0.2
1010200	Soil	11	28	1.92	144	0.024	<1	2.74	0.006	0.17	<0.1	<0.01	9.7	<0.1	<0.05	12	<0.5	<0.2
1013450	Soil	8	35	1.09	211	0.126	<1	2.47	0.012	0.07	0.1	0.01	6.6	<0.1	<0.05	7	<0.5	<0.2
1010194	Soil	9	35	1.69	308	0.211	<1	2.82	0.011	0.89	<0.1	<0.01	3.2	0.2	<0.05	8	<0.5	<0.2
1010199	Soil	10	31	1.88	156	0.028	1	2.79	0.009	0.15	<0.1	<0.01	9.0	<0.1	<0.05	12	<0.5	<0.2
1010195	Soil	11	37	1.89	303	0.237	<1	3.06	0.012	1.06	<0.1	0.01	3.4	0.2	<0.05	9	<0.5	<0.2
1013297	Soil	7	22	2.12	409	0.301	<1	3.08	0.012	0.79	<0.1	0.02	1.4	0.2	<0.05	7	<0.5	<0.2
1013447	Soil	6	34	2.03	455	0.308	<1	3.14	0.015	1.12	<0.1	<0.01	1.4	0.3	<0.05	7	<0.5	<0.2
1010393	Soil	16	27	1.53	138	0.038	<1	2.58	0.007	0.18	<0.1	<0.01	6.8	<0.1	<0.05	8	<0.5	<0.2
1013295	Soil	9	29	1.96	339	0.256	<1	3.38	0.011	0.43	<0.1	0.01	2.5	0.1	<0.05	8	<0.5	<0.2
1010197	Soil	12	23	1.77	217	0.211	<1	3.90	0.008	0.52	<0.1	<0.01	2.8	0.1	<0.05	9	<0.5	<0.2
1013296	Soil	24	31	1.02	278	0.144	1	1.99	0.011	0.30	0.1	<0.01	2.6	0.2	<0.05	5	0.9	<0.2
1013294	Soil	12	21	1.79	370	0.275	1	2.76	0.015	1.22	<0.1	<0.01	1.2	0.3	<0.05	6	<0.5	<0.2
1013293	Soil	8	27	2.00	379	0.283	<1	3.07	0.013	0.88	<0.1	<0.01	1.7	0.2	<0.05	7	<0.5	<0.2
1010391	Soil	12	43	0.91	177	0.064	1	2.36	0.011	0.11	0.2	<0.01	6.4	<0.1	<0.05	7	<0.5	<0.2
1012800	Soil	4	27	1.41	379	0.220	2	2.57	0.013	0.53	<0.1	<0.01	1.6	0.2	<0.05	6	<0.5	<0.2

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		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055502	Soil		0.7	19.6	7.2	56	<0.1	19.9	13.3	444	3.47	8.4	0.6	<0.5	6.5	24	0.1	0.3	0.1	77	0.32	0.030
1055508	Soil		0.6	22.5	7.8	66	<0.1	20.7	16.9	636	4.08	6.1	0.9	<0.5	12.1	22	0.1	0.3	0.1	70	0.33	0.036
1055507	Soil		0.5	10.8	4.5	71	<0.1	11.8	19.7	751	4.83	4.2	0.3	1.2	5.1	27	<0.1	0.1	<0.1	94	0.43	0.059
1055506	Soil		0.6	22.0	7.6	68	0.1	18.1	12.5	625	3.44	7.4	0.5	3.0	4.2	29	0.1	0.3	0.1	77	0.41	0.047
1055505	Soil		0.5	14.7	9.5	56	<0.1	12.7	10.6	386	3.18	4.4	0.8	1.3	7.5	17	<0.1	0.2	0.1	67	0.24	0.017
1055529	Soil		0.6	20.0	7.9	86	0.1	18.3	15.5	578	4.08	4.9	1.2	0.9	8.4	29	<0.1	0.3	0.1	83	0.39	0.030
1055532	Soil		0.6	40.9	6.5	59	<0.1	22.8	10.4	351	2.90	7.2	0.5	5.8	4.0	42	<0.1	0.4	0.1	71	0.60	0.045
1055501	Soil		0.5	15.7	5.6	58	<0.1	15.6	15.3	504	3.47	4.5	0.6	3.4	6.8	29	<0.1	0.3	<0.1	75	0.37	0.025
1055526	Soil		0.6	31.1	6.0	71	<0.1	14.0	19.5	926	5.63	7.7	2.6	<0.5	19.4	13	<0.1	0.2	<0.1	134	0.30	0.068
1055525	Soil		0.6	23.9	6.0	70	<0.1	11.4	18.6	938	5.45	7.4	2.8	<0.5	19.5	12	<0.1	0.2	<0.1	133	0.32	0.081
1055512	Soil		1.0	14.9	8.1	61	0.1	20.8	11.5	479	3.19	7.3	0.4	1.5	2.6	24	<0.1	0.3	0.1	73	0.37	0.115
1055531	Soil		0.4	42.7	7.4	105	0.1	15.1	18.7	841	5.45	4.0	0.9	<0.5	5.8	42	<0.1	0.2	0.1	111	0.57	0.074
1055528	Soil		0.7	24.9	8.5	62	0.1	20.8	14.5	533	3.75	6.4	0.7	<0.5	6.4	27	<0.1	0.3	0.1	71	0.44	0.030
1055527	Soil		0.4	27.4	8.5	116	<0.1	13.9	19.1	938	5.10	2.4	1.0	<0.5	9.1	17	0.1	0.2	<0.1	119	0.32	0.056
1055509	Soil		0.4	14.7	3.4	78	<0.1	10.1	19.1	722	4.61	2.9	0.2	0.8	3.9	23	<0.1	<0.1	<0.1	98	0.35	0.030
1055517	Soil		0.5	29.7	5.5	78	<0.1	20.1	16.8	726	4.02	4.9	0.7	3.3	5.2	30	<0.1	0.3	<0.1	92	0.52	0.056
1055521	Soil		0.5	17.3	5.1	64	<0.1	17.5	18.2	597	3.98	4.1	0.4	1.2	4.0	24	<0.1	0.2	<0.1	83	0.43	0.037
1055519	Soil		0.9	22.9	6.2	78	<0.1	17.5	21.4	771	4.65	4.6	0.6	1.7	4.2	31	<0.1	0.3	<0.1	87	0.52	0.029
1055523	Soil		0.4	32.0	6.4	67	<0.1	24.4	19.6	823	4.53	3.2	0.8	1.2	6.7	24	<0.1	0.3	<0.1	88	0.48	0.061
1055524	Soil		0.8	28.6	7.0	63	<0.1	18.6	15.9	494	3.90	4.6	0.9	0.6	8.2	24	<0.1	0.4	<0.1	78	0.40	0.054
1055511	Soil		0.6	26.4	6.1	53	<0.1	26.4	14.2	489	3.47	6.0	0.8	2.0	7.7	23	0.1	0.3	<0.1	71	0.40	0.046
1055510	Soil		0.6	24.8	7.3	67	<0.1	13.5	15.3	595	4.12	4.1	0.9	<0.5	7.3	22	0.1	0.3	0.1	70	0.39	0.054
1055515	Soil		0.5	12.8	4.8	77	<0.1	11.9	20.4	771	5.09	3.7	0.6	<0.5	6.1	14	<0.1	0.2	<0.1	93	0.27	0.048
1055516	Soil		0.7	28.1	6.3	69	<0.1	19.9	14.5	556	3.69	6.2	0.7	<0.5	4.9	29	<0.1	0.3	0.1	82	0.44	0.042
1055518	Soil		0.5	21.0	5.4	90	<0.1	13.9	20.7	811	4.67	4.3	0.4	1.2	3.5	25	<0.1	0.2	<0.1	93	0.41	0.059
1055504	Soil		0.5	15.9	9.5	71	<0.1	24.1	16.6	532	3.93	6.8	0.3	<0.5	5.6	23	<0.1	0.2	<0.1	81	0.34	0.035
1055513	Soil		0.6	23.1	5.6	79	<0.1	22.2	18.8	702	4.47	6.7	0.5	<0.5	5.6	28	<0.1	0.2	<0.1	95	0.43	0.048
1055520	Soil		0.8	18.6	6.4	73	<0.1	18.5	17.2	577	4.06	5.5	0.3	<0.5	3.4	22	0.1	0.2	<0.1	88	0.41	0.038
1055522	Soil		0.6	29.6	6.3	83	<0.1	28.4	19.9	710	4.53	4.6	0.7	<0.5	5.1	33	<0.1	0.2	<0.1	97	0.61	0.060
1055514	Soil		0.7	18.9	7.5	64	<0.1	22.3	14.1	529	3.35	6.7	0.5	1.9	4.3	28	<0.1	0.3	<0.1	76	0.37	0.037

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000705.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055502	Soil	16	36	0.86	248	0.148	3	2.42	0.013	0.12	<0.1	0.01	3.7	0.1	<0.05	6	<0.5	<0.2
1055508	Soil	14	32	1.18	171	0.076	3	2.89	0.010	0.24	<0.1	<0.01	5.2	0.1	<0.05	8	0.8	<0.2
1055507	Soil	8	22	1.73	165	0.273	<1	3.10	0.010	0.31	<0.1	<0.01	1.9	0.1	<0.05	10	<0.5	<0.2
1055506	Soil	10	29	0.80	303	0.115	2	2.26	0.012	0.13	0.1	<0.01	3.4	<0.1	<0.05	7	<0.5	<0.2
1055505	Soil	18	25	0.73	329	0.098	2	2.05	0.012	0.22	<0.1	0.01	4.0	0.2	<0.05	6	<0.5	<0.2
1055529	Soil	17	42	1.17	319	0.204	1	2.68	0.011	0.42	0.1	<0.01	4.7	0.1	<0.05	9	<0.5	<0.2
1055532	Soil	12	30	0.80	202	0.131	<1	1.91	0.072	0.13	0.1	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
1055501	Soil	22	29	1.07	214	0.205	1	2.44	0.029	0.25	<0.1	<0.01	3.5	0.2	<0.05	7	0.5	<0.2
1055526	Soil	33	21	1.58	233	0.270	3	2.78	0.010	1.32	<0.1	0.01	13.8	0.4	<0.05	9	<0.5	<0.2
1055525	Soil	36	20	1.58	255	0.270	2	2.69	0.010	1.24	<0.1	0.01	13.8	0.4	<0.05	9	0.7	<0.2
1055512	Soil	10	35	0.69	249	0.100	2	2.07	0.014	0.18	0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1055531	Soil	11	26	1.63	352	0.335	1	3.21	0.013	1.03	0.1	<0.01	6.0	0.4	<0.05	12	<0.5	<0.2
1055528	Soil	16	37	0.95	218	0.092	2	2.54	0.012	0.22	0.1	0.01	5.9	<0.1	<0.05	7	<0.5	<0.2
1055527	Soil	13	27	2.08	227	0.273	1	3.19	0.011	1.38	<0.1	<0.01	7.6	0.4	<0.05	11	<0.5	<0.2
1055509	Soil	7	20	1.88	237	0.357	1	3.51	0.013	1.37	<0.1	<0.01	1.7	0.4	<0.05	10	<0.5	<0.2
1055517	Soil	17	30	1.46	315	0.237	1	2.51	0.022	0.61	0.1	0.02	4.7	0.2	<0.05	7	0.5	<0.2
1055521	Soil	10	33	1.53	209	0.214	<1	2.65	0.011	0.34	<0.1	<0.01	2.8	0.1	<0.05	7	<0.5	<0.2
1055519	Soil	10	35	1.69	202	0.137	1	2.97	0.009	0.15	<0.1	<0.01	3.9	<0.1	<0.05	8	<0.5	<0.2
1055523	Soil	19	36	1.41	321	0.176	2	2.80	0.029	0.56	0.1	0.03	6.9	0.2	<0.05	8	<0.5	<0.2
1055524	Soil	19	29	1.14	273	0.146	<1	2.40	0.013	0.47	0.1	0.01	4.4	0.2	<0.05	7	<0.5	<0.2
1055511	Soil	24	43	1.05	242	0.107	1	2.22	0.013	0.24	<0.1	<0.01	5.5	0.1	<0.05	6	<0.5	<0.2
1055510	Soil	14	21	1.22	277	0.058	1	2.59	0.008	0.22	<0.1	<0.01	3.8	0.1	<0.05	7	<0.5	<0.2
1055515	Soil	13	23	1.79	218	0.227	<1	3.13	0.010	0.84	<0.1	<0.01	2.9	0.2	<0.05	10	<0.5	<0.2
1055516	Soil	15	33	1.17	286	0.199	2	2.45	0.017	0.40	0.1	<0.01	5.0	0.3	<0.05	7	<0.5	<0.2
1055518	Soil	7	26	1.78	187	0.246	<1	2.96	0.010	0.86	0.1	<0.01	2.3	0.3	<0.05	9	<0.5	<0.2
1055504	Soil	8	33	1.30	235	0.238	1	2.76	0.010	0.70	0.1	<0.01	2.4	0.3	<0.05	7	<0.5	<0.2
1055513	Soil	14	33	1.61	264	0.263	1	3.06	0.014	0.66	0.1	<0.01	3.9	0.3	<0.05	9	<0.5	<0.2
1055520	Soil	7	34	1.41	190	0.217	<1	2.74	0.013	0.34	<0.1	<0.01	2.7	0.2	<0.05	8	<0.5	<0.2
1055522	Soil	14	59	1.73	306	0.230	<1	3.00	0.013	0.53	<0.1	<0.01	5.8	0.2	<0.05	8	<0.5	<0.2
1055514	Soil	10	34	0.97	241	0.149	<1	2.29	0.017	0.20	<0.1	0.01	3.7	0.1	<0.05	7	<0.5	<0.2

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Project: PED
Report Date: August 04, 2011

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	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1055577	Soil	0.6	51.1	7.3	64	<0.1	22.5	13.2	488	3.43	8.8	0.8	3.0	4.1	30	<0.1	0.4	0.1	82	0.41	0.036
1055565	Soil	0.7	25.2	7.7	61	<0.1	19.4	11.3	447	3.02	6.8	0.6	3.3	3.0	29	<0.1	0.3	0.1	69	0.35	0.036
1055555	Soil	1.2	29.0	10.8	62	<0.1	21.3	14.2	532	3.35	8.2	0.9	3.9	4.5	23	0.1	0.4	0.1	75	0.24	0.037
1055566	Soil	0.7	23.8	7.2	59	<0.1	18.4	11.4	424	2.94	6.6	0.6	3.1	3.2	28	<0.1	0.3	0.1	67	0.34	0.032
1055582	Soil	0.7	30.9	7.0	59	<0.1	24.2	12.5	387	3.13	8.0	0.8	157.2	4.2	21	0.1	0.4	0.1	72	0.27	0.044
1055580	Soil	0.8	36.2	7.5	43	0.2	15.2	7.4	204	2.37	6.3	0.7	2.7	1.8	23	<0.1	0.3	0.2	57	0.28	0.045
1055556	Soil	1.3	22.4	38.8	68	<0.1	18.2	15.2	546	4.09	6.5	0.5	2.6	3.2	28	0.1	0.3	0.1	101	0.26	0.038
1055574	Soil	0.9	24.8	60.2	187	<0.1	8.2	13.8	685	3.91	2.8	0.9	1.8	8.5	16	0.3	0.2	0.2	62	0.21	0.029
1055575	Soil	1.2	16.3	10.8	59	<0.1	15.9	8.9	282	3.18	9.2	0.5	3.4	2.5	20	0.2	0.3	0.2	73	0.23	0.042
1055576	Soil	1.2	19.0	8.1	51	<0.1	16.2	10.6	258	3.51	8.7	0.4	3.7	2.6	17	0.1	0.4	0.1	76	0.19	0.035
1055503	Soil	0.4	12.6	3.4	74	<0.1	16.3	17.3	615	4.04	5.3	0.3	1.4	5.1	24	<0.1	0.2	<0.1	82	0.35	0.036
1055552	Soil	0.6	26.5	6.8	62	<0.1	20.8	11.2	375	2.90	6.4	0.8	3.2	3.6	26	<0.1	0.3	0.1	68	0.38	0.049
1055551	Soil	0.8	23.7	6.5	53	<0.1	20.4	10.8	312	2.79	6.5	0.8	3.7	3.6	23	<0.1	0.3	0.1	64	0.28	0.036
1054004	Soil	0.4	24.7	5.0	61	<0.1	17.7	10.6	414	2.71	5.1	0.7	3.5	4.0	28	0.1	0.3	<0.1	62	0.39	0.060
1054003	Soil	0.6	24.1	6.2	58	<0.1	19.2	10.5	323	2.70	5.9	0.7	4.3	2.8	23	0.1	0.3	0.1	60	0.32	0.058
1055560	Soil	2.8	39.9	10.8	197	<0.1	17.5	13.0	557	6.23	6.9	0.4	1.4	2.6	16	0.1	0.3	0.1	121	0.28	0.093
1055559	Soil	2.7	69.4	11.4	366	<0.1	21.3	24.8	948	8.56	3.5	0.5	1.6	2.6	12	0.1	0.2	0.1	156	0.45	0.165
1055563	Soil	0.9	17.8	13.6	55	<0.1	16.3	10.7	322	3.47	6.6	0.5	1.8	3.5	48	<0.1	0.3	0.1	75	0.24	0.020
1055558	Soil	1.5	15.3	6.5	31	0.4	8.5	5.6	141	1.64	2.8	0.3	3.3	0.3	16	0.2	0.3	0.1	49	0.20	0.033
1055562	Soil	0.9	24.9	8.4	51	0.1	29.2	12.8	347	2.92	7.8	0.6	4.4	3.3	17	<0.1	0.3	0.1	70	0.19	0.027
1055564	Soil	0.8	23.3	9.7	60	<0.1	20.9	12.0	384	3.22	7.3	0.8	2.8	3.1	29	<0.1	0.4	0.1	75	0.28	0.025
1055571	Soil	1.3	20.3	9.2	57	0.1	19.0	8.8	260	3.02	9.6	0.6	5.5	2.7	19	<0.1	0.4	0.2	74	0.18	0.028
1055572	Soil	1.7	46.4	37.0	256	0.6	21.8	10.3	494	4.13	14.0	0.7	4.3	2.6	19	0.8	0.5	0.2	68	0.26	0.051
1055573	Soil	1.2	50.6	67.4	341	0.2	19.0	12.0	651	4.00	11.4	1.0	3.2	3.9	34	0.5	0.6	0.2	59	0.34	0.043
1055553	Soil	0.9	12.4	5.1	37	<0.1	5.8	8.2	308	2.00	1.0	0.3	2.3	0.8	16	<0.1	0.1	0.1	58	0.18	0.022
1055568	Soil	0.9	28.4	10.4	60	<0.1	59.2	17.6	574	3.73	8.5	1.0	2.9	5.6	24	0.1	0.3	0.1	96	0.31	0.041
1055567	Soil	1.0	16.6	8.5	65	<0.1	18.7	11.8	381	3.63	8.5	0.4	1.6	2.5	20	0.1	0.3	0.1	81	0.25	0.037
1055569	Soil	0.8	23.9	7.0	68	<0.1	17.3	13.4	446	3.74	6.6	0.3	1.3	1.5	38	0.1	0.3	<0.1	86	0.36	0.054
1055561	Soil	0.9	34.1	8.2	76	<0.1	17.9	13.1	407	3.40	7.7	0.9	1.9	4.3	18	0.1	0.4	0.1	73	0.20	0.033
1055570	Soil	1.1	13.0	8.5	44	<0.1	12.9	7.5	248	3.38	9.3	0.3	2.2	1.7	24	<0.1	0.4	0.2	93	0.18	0.036

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1055577	Soil	13	41	0.94	267	0.146	1	2.22	0.016	0.18	0.1	0.05	6.4	0.1	<0.05	6	<0.5	<0.2
1055565	Soil	11	33	0.75	240	0.108	<1	1.99	0.012	0.07	0.1	0.03	5.0	<0.1	<0.05	6	<0.5	<0.2
1055555	Soil	14	38	0.83	209	0.125	1	2.36	0.011	0.16	0.1	0.03	5.2	0.2	<0.05	6	<0.5	<0.2
1055566	Soil	12	32	0.74	228	0.113	<1	1.87	0.013	0.06	0.1	0.03	4.6	<0.1	<0.05	5	<0.5	<0.2
1055582	Soil	14	38	0.70	230	0.089	1	2.22	0.011	0.06	0.1	0.02	4.5	0.1	<0.05	6	<0.5	<0.2
1055580	Soil	15	26	0.50	181	0.076	1	1.62	0.011	0.06	0.1	0.03	3.1	<0.1	<0.05	6	<0.5	<0.2
1055556	Soil	8	40	1.19	169	0.183	<1	2.70	0.010	0.15	0.1	0.01	4.1	0.1	<0.05	9	<0.5	<0.2
1055574	Soil	23	20	1.08	164	0.009	<1	2.75	0.006	0.12	<0.1	0.02	4.0	0.2	<0.05	8	<0.5	<0.2
1055575	Soil	9	30	0.54	141	0.107	<1	1.73	0.009	0.08	0.1	0.02	2.5	0.1	<0.05	7	<0.5	<0.2
1055576	Soil	8	32	0.66	147	0.120	1	2.33	0.010	0.09	0.1	0.02	2.6	0.1	<0.05	7	<0.5	<0.2
1055503	Soil	8	25	1.47	170	0.248	<1	2.77	0.008	0.58	<0.1	<0.01	2.4	0.3	<0.05	8	<0.5	<0.2
1055552	Soil	13	35	0.77	242	0.111	1	1.97	0.013	0.08	0.1	0.02	4.7	<0.1	<0.05	6	0.7	<0.2
1055551	Soil	13	34	0.67	209	0.098	<1	1.98	0.013	0.06	0.1	0.04	4.2	0.1	<0.05	6	<0.5	<0.2
1054004	Soil	13	30	0.75	216	0.128	<1	1.58	0.016	0.16	0.1	0.02	3.8	0.1	<0.05	5	<0.5	<0.2
1054003	Soil	12	31	0.68	231	0.096	<1	1.93	0.011	0.08	0.1	0.02	3.7	0.1	<0.05	6	<0.5	<0.2
1055560	Soil	8	44	1.73	236	0.190	<1	2.99	0.011	0.35	0.3	0.02	5.1	0.1	0.08	12	0.6	<0.2
1055559	Soil	10	60	3.02	320	0.256	<1	4.05	0.010	0.76	0.1	0.01	8.5	0.3	<0.05	17	1.1	<0.2
1055563	Soil	7	31	0.64	238	0.054	<1	2.89	0.012	0.07	0.1	<0.01	3.6	0.1	<0.05	8	<0.5	<0.2
1055558	Soil	5	15	0.33	118	0.091	<1	0.85	0.012	0.11	<0.1	0.04	1.1	<0.1	<0.05	5	<0.5	<0.2
1055562	Soil	8	48	0.71	165	0.102	<1	2.41	0.011	0.05	0.1	0.03	3.5	0.1	<0.05	6	<0.5	<0.2
1055564	Soil	13	38	0.71	216	0.094	<1	2.44	0.012	0.06	0.1	0.03	5.0	<0.1	<0.05	7	<0.5	<0.2
1055571	Soil	10	39	0.53	148	0.091	1	2.06	0.010	0.06	0.1	0.03	3.0	0.1	<0.05	8	<0.5	<0.2
1055572	Soil	17	33	0.65	244	0.064	1	2.50	0.011	0.08	0.1	0.11	4.9	<0.1	<0.05	8	0.6	<0.2
1055573	Soil	18	33	0.85	264	0.101	<1	2.35	0.015	0.05	0.1	0.21	8.4	<0.1	<0.05	9	<0.5	<0.2
1055553	Soil	6	15	0.80	137	0.158	<1	1.36	0.010	0.44	<0.1	0.02	1.8	0.1	<0.05	8	<0.5	<0.2
1055568	Soil	11	80	1.43	195	0.145	1	2.59	0.012	0.10	0.2	0.02	5.4	0.1	<0.05	8	<0.5	<0.2
1055567	Soil	7	33	0.72	150	0.115	<1	2.29	0.010	0.08	0.1	0.02	3.4	0.1	<0.05	7	<0.5	<0.2
1055569	Soil	5	30	0.96	115	0.178	<1	2.22	0.014	0.13	0.1	0.02	2.7	<0.1	<0.05	8	<0.5	<0.2
1055561	Soil	12	36	0.68	175	0.118	<1	2.36	0.014	0.09	0.1	0.03	5.8	0.1	<0.05	7	<0.5	<0.2
1055570	Soil	6	25	0.53	81	0.148	<1	1.66	0.008	0.06	0.1	0.02	2.1	<0.1	<0.05	9	<0.5	<0.2

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000705.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054002	Soil	0.5	20.5	6.6	55	0.1	17.4	9.4	279	2.48	5.8	0.7	5.3	2.3	22	<0.1	0.3	0.1	55	0.29	0.055
1055557	Soil	1.0	19.3	7.9	58	<0.1	18.8	14.1	409	3.49	8.4	0.4	6.0	3.2	17	0.1	0.4	0.1	76	0.20	0.031
1055554	Soil	1.2	22.6	7.1	65	0.1	10.7	17.9	764	5.21	4.9	0.4	1.9	2.7	27	0.2	0.3	<0.1	114	0.32	0.039
1055578	Soil	0.4	35.2	5.0	98	<0.1	43.7	18.6	812	4.19	4.6	0.7	2.2	4.9	26	<0.1	0.2	<0.1	120	0.56	0.121
1054001	Soil	0.7	26.6	6.5	62	<0.1	21.9	11.8	429	2.99	6.6	0.7	2.9	4.0	25	<0.1	0.3	0.1	65	0.32	0.050
1055579	Soil	0.8	34.7	10.3	53	<0.1	18.4	9.6	279	2.97	8.1	0.7	4.1	2.9	21	<0.1	0.3	0.2	72	0.23	0.044
1028679	Soil	0.7	27.1	4.9	66	<0.1	20.9	17.4	773	4.01	4.1	0.8	<0.5	5.5	36	<0.1	0.3	<0.1	71	0.67	0.058
1028660	Soil	0.5	42.0	2.1	58	<0.1	30.1	19.1	660	3.92	4.8	0.5	1.4	3.9	20	<0.1	0.2	<0.1	89	0.50	0.069
1028680	Soil	0.7	25.4	4.5	66	<0.1	20.9	17.6	782	3.99	4.1	0.7	0.7	5.3	32	0.1	0.2	<0.1	71	0.70	0.061
1028682	Soil	0.7	28.7	6.1	59	0.1	26.6	14.0	529	3.38	8.7	0.7	1.7	4.4	28	<0.1	0.4	0.1	71	0.55	0.048
1028659	Soil	0.7	25.5	4.6	63	<0.1	28.4	16.8	522	3.72	7.6	0.7	1.7	5.1	23	<0.1	0.3	<0.1	76	0.41	0.035
1028674	Soil	1.0	120.4	4.2	102	<0.1	24.6	17.6	836	4.41	4.3	0.9	0.8	4.9	28	0.2	0.3	0.3	65	0.48	0.059
1028681	Soil	0.7	27.4	6.0	57	0.1	24.9	13.5	522	3.34	8.5	0.6	3.0	4.5	28	<0.1	0.4	0.1	70	0.52	0.045
1028675	Soil	1.0	117.3	4.1	104	<0.1	24.3	18.4	831	4.40	4.2	0.9	0.7	4.8	28	0.3	0.2	0.3	66	0.48	0.059
1028678	Soil	0.8	32.3	6.3	78	0.1	23.4	14.5	570	3.57	7.7	0.6	1.1	3.9	31	0.2	0.4	0.1	79	0.59	0.040
1028676	Soil	1.0	33.9	4.9	57	<0.1	22.6	14.4	612	3.32	7.4	0.5	1.0	4.2	27	<0.1	0.3	0.1	67	0.58	0.048
1028669	Soil	0.8	34.2	6.5	59	0.1	30.0	13.3	504	3.03	10.6	0.6	5.8	3.9	30	<0.1	0.6	0.1	68	0.48	0.076
1028670	Soil	0.9	57.0	33.8	58	0.2	24.5	12.2	495	2.78	8.9	0.6	2.7	4.0	33	1.9	0.5	0.1	55	1.10	0.045
1028671	Soil	2.8	67.4	4.8	64	<0.1	21.1	13.0	706	3.79	6.5	1.4	2.5	11.4	19	<0.1	0.5	0.2	57	0.30	0.025
1028673	Soil	2.2	73.0	6.9	156	0.1	21.6	8.8	252	2.84	3.5	1.1	1.5	9.0	17	0.3	0.2	0.5	27	0.32	0.071
1028664	Soil	0.6	24.2	6.7	70	0.1	26.1	13.4	660	3.19	7.6	0.6	1.5	4.2	29	0.1	0.4	0.2	68	0.57	0.044
1028665	Soil	0.9	33.9	6.1	76	<0.1	22.6	13.3	658	3.29	7.4	0.5	8.4	3.5	34	0.1	0.4	0.2	73	0.69	0.037
1028666	Soil	0.8	167.3	6.7	68	0.1	25.2	14.3	682	3.23	8.0	0.7	1.3	5.1	28	0.1	0.4	0.2	62	0.70	0.055
1028667	Soil	0.6	35.6	6.8	53	0.2	27.2	11.8	435	2.70	10.1	0.5	4.0	4.1	35	<0.1	0.6	0.1	54	1.46	0.040
1028668	Soil	0.7	34.0	5.3	75	<0.1	22.6	17.6	795	3.65	5.9	0.5	0.8	3.1	30	<0.1	0.3	0.1	81	0.56	0.045
1028677	Soil	1.0	36.7	4.9	58	<0.1	24.3	14.8	651	3.53	7.4	0.6	<0.5	4.4	28	<0.1	0.4	<0.1	72	0.62	0.050
1028672	Soil	0.9	69.2	4.7	51	0.3	31.7	11.5	381	2.55	8.4	0.7	8.2	3.9	71	0.2	0.7	0.1	59	3.50	0.047
1028661	Soil	0.5	45.4	3.6	54	<0.1	24.7	16.7	550	3.38	5.4	0.5	1.9	4.8	19	<0.1	0.3	<0.1	55	0.44	0.041
1028662	Soil	0.7	31.1	6.5	55	<0.1	25.5	12.1	462	2.81	8.5	0.5	2.3	4.1	25	<0.1	0.5	0.1	62	0.43	0.028
1028663	Soil	0.6	29.1	6.4	60	<0.1	24.5	13.2	540	3.11	7.7	0.5	1.5	3.8	30	0.1	0.4	0.1	68	0.53	0.034

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Project: PED
Report Date: August 04, 2011

CERTIFICATE OF ANALYSIS WHI11000705.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054002	Soil	11	30	0.61	209	0.074	<1	1.87	0.010	0.07	0.1	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
1055557	Soil	8	35	0.79	127	0.126	1	2.52	0.010	0.10	0.1	0.02	3.2	0.1	<0.05	7	<0.5	<0.2
1055554	Soil	7	23	1.46	291	0.223	<1	2.66	0.011	0.15	<0.1	0.03	3.2	0.1	<0.05	11	<0.5	<0.2
1055578	Soil	16	75	1.93	265	0.234	<1	2.61	0.014	0.97	<0.1	<0.01	6.7	0.3	<0.05	10	<0.5	<0.2
1054001	Soil	14	34	0.73	256	0.095	<1	1.98	0.012	0.10	0.1	0.02	3.8	0.1	<0.05	6	<0.5	<0.2
1055579	Soil	11	32	0.67	174	0.094	1	2.07	0.011	0.10	0.2	0.02	3.5	<0.1	<0.05	7	<0.5	<0.2
1028679	Soil	13	29	1.21	308	0.046	2	2.53	0.009	0.19	<0.1	0.02	5.2	<0.1	<0.05	9	<0.5	<0.2
1028660	Soil	10	32	1.77	143	0.210	1	2.50	0.010	0.76	<0.1	<0.01	2.9	0.2	<0.05	8	0.5	<0.2
1028680	Soil	12	28	1.23	288	0.033	1	2.46	0.008	0.18	<0.1	<0.01	4.8	<0.1	<0.05	8	<0.5	<0.2
1028682	Soil	17	37	0.86	282	0.062	2	2.08	0.011	0.19	0.1	0.01	5.4	<0.1	<0.05	7	<0.5	<0.2
1028659	Soil	12	35	1.41	134	0.137	<1	2.32	0.008	0.13	0.2	<0.01	4.7	<0.1	<0.05	8	<0.5	<0.2
1028674	Soil	10	33	1.37	379	0.037	<1	2.46	0.008	0.13	0.2	<0.01	4.0	<0.1	<0.05	9	<0.5	<0.2
1028681	Soil	17	37	0.84	273	0.063	2	2.07	0.010	0.20	0.1	0.02	5.1	<0.1	<0.05	7	<0.5	<0.2
1028675	Soil	9	33	1.40	374	0.037	<1	2.47	0.009	0.12	0.2	<0.01	4.0	<0.1	<0.05	10	<0.5	<0.2
1028678	Soil	12	40	0.94	235	0.096	1	2.37	0.012	0.12	0.1	0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
1028676	Soil	12	32	0.99	241	0.078	2	2.07	0.009	0.34	0.2	<0.01	4.1	<0.1	<0.05	7	0.5	<0.2
1028669	Soil	13	36	0.85	231	0.097	3	1.67	0.017	0.20	0.2	0.03	4.4	<0.1	<0.05	5	0.6	<0.2
1028670	Soil	16	28	0.69	435	0.048	2	1.61	0.034	0.16	0.1	0.03	4.4	<0.1	<0.05	5	<0.5	<0.2
1028671	Soil	30	18	0.30	987	0.009	1	1.22	0.008	0.15	0.1	0.03	7.9	<0.1	<0.05	4	0.6	<0.2
1028673	Soil	36	16	0.48	375	0.003	<1	1.37	0.006	0.10	0.1	<0.01	2.1	<0.1	<0.05	4	<0.5	<0.2
1028664	Soil	15	34	1.00	395	0.049	2	2.11	0.011	0.17	0.1	0.02	4.4	<0.1	<0.05	6	0.5	<0.2
1028665	Soil	11	37	1.07	335	0.093	2	2.26	0.012	0.22	0.1	0.01	4.4	<0.1	<0.05	7	<0.5	<0.2
1028666	Soil	18	32	0.84	337	0.045	2	1.92	0.011	0.19	0.2	0.02	5.5	<0.1	<0.05	6	<0.5	<0.2
1028667	Soil	15	30	0.61	431	0.052	2	1.53	0.014	0.12	0.1	0.03	4.3	<0.1	<0.05	4	<0.5	<0.2
1028668	Soil	8	33	1.25	417	0.117	2	2.49	0.012	0.38	0.1	0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1028677	Soil	13	33	1.08	241	0.086	2	2.21	0.009	0.36	0.2	0.01	4.0	<0.1	<0.05	7	<0.5	<0.2
1028672	Soil	18	29	0.73	362	0.062	1	1.30	0.018	0.11	0.2	0.09	4.2	<0.1	<0.05	4	0.6	<0.2
1028661	Soil	10	28	1.31	97	0.068	<1	2.13	0.007	0.20	0.1	0.01	2.9	<0.1	<0.05	6	<0.5	<0.2
1028662	Soil	13	36	0.72	230	0.082	2	1.78	0.012	0.13	0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1028663	Soil	12	37	0.85	274	0.090	2	2.11	0.012	0.15	0.1	0.01	4.4	<0.1	<0.05	6	<0.5	<0.2

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	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1028652	Soil	0.5	38.8	5.1	57	<0.1	27.8	14.4	408	3.20	8.0	0.5	1.7	2.9	30	0.1	0.4	<0.1	77	0.54	0.033
1028657	Soil	0.7	31.4	4.1	61	<0.1	30.7	17.3	522	3.94	8.6	0.9	1.9	5.8	21	<0.1	0.3	0.1	78	0.38	0.030
1028655	Soil	0.7	30.6	5.3	52	<0.1	28.9	15.6	533	3.50	8.2	1.1	2.5	5.1	30	<0.1	0.5	<0.1	66	0.42	0.069
1028656	Soil	0.5	33.2	2.8	54	<0.1	26.2	17.6	642	3.98	3.7	1.0	10.3	7.6	21	<0.1	0.3	<0.1	72	0.40	0.069
1028654	Soil	0.7	34.7	5.5	48	<0.1	17.9	14.9	605	3.32	3.2	0.6	<0.5	8.2	16	<0.1	0.2	0.3	42	0.35	0.036
1028653	Soil	0.4	61.8	2.6	53	<0.1	24.2	17.8	484	3.42	3.0	0.3	0.6	1.9	27	<0.1	0.1	<0.1	81	0.67	0.097
1028658	Soil	0.8	41.4	5.6	59	<0.1	29.9	13.6	489	2.74	8.0	0.4	3.6	3.1	67	0.3	0.6	0.1	64	3.38	0.055
1020849	Soil	0.5	52.5	4.2	51	<0.1	26.9	14.3	303	3.04	7.2	0.3	1.2	2.5	25	<0.1	0.4	<0.1	76	0.55	0.087
1028651	Soil	0.5	45.3	3.7	61	<0.1	30.3	18.0	442	3.41	6.5	0.4	2.1	2.3	25	<0.1	0.3	<0.1	81	0.51	0.055
1020850	Soil	0.4	63.1	2.4	55	0.1	29.7	19.0	518	3.52	5.7	0.3	3.5	1.6	28	<0.1	0.2	<0.1	86	1.29	0.069
1020847	Soil	1.0	17.8	6.0	45	<0.1	20.3	12.0	384	3.17	5.7	0.5	<0.5	4.3	20	0.1	0.5	0.1	59	0.30	0.016
1020848	Soil	0.5	37.5	3.6	75	<0.1	38.9	23.8	756	5.66	3.2	0.5	<0.5	4.9	38	<0.1	0.2	<0.1	91	0.58	0.048

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Analyte		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1028652	Soil	10	34	1.11	296	0.113	2	2.21	0.013	0.14	<0.1	0.02	4.2	<0.1	<0.05	6	<0.5	<0.2
1028657	Soil	15	35	1.59	147	0.144	<1	2.70	0.010	0.19	0.1	<0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
1028655	Soil	14	36	1.05	208	0.080	1	1.95	0.013	0.18	<0.1	0.03	4.3	<0.1	<0.05	6	<0.5	<0.2
1028656	Soil	20	28	1.47	188	0.115	1	2.51	0.008	0.50	<0.1	<0.01	3.9	0.1	<0.05	8	<0.5	<0.2
1028654	Soil	19	18	1.07	344	0.007	<1	2.12	0.007	0.17	<0.1	<0.01	3.8	<0.1	<0.05	6	<0.5	<0.2
1028653	Soil	6	29	1.48	311	0.175	<1	2.35	0.018	0.36	<0.1	<0.01	3.0	<0.1	<0.05	7	<0.5	<0.2
1028658	Soil	11	31	0.99	321	0.086	1	1.70	0.032	0.09	0.1	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
1020849	Soil	11	30	1.01	232	0.121	1	1.83	0.022	0.30	<0.1	0.02	4.4	<0.1	<0.05	5	<0.5	<0.2
1028651	Soil	9	33	1.52	204	0.173	<1	2.27	0.018	0.29	0.1	0.01	3.7	<0.1	<0.05	7	<0.5	<0.2
1020850	Soil	7	28	1.65	230	0.137	1	2.10	0.023	0.36	<0.1	0.03	4.4	<0.1	<0.05	6	<0.5	<0.2
1020847	Soil	13	32	0.60	332	0.092	<1	1.74	0.008	0.34	<0.1	0.01	4.3	<0.1	<0.05	5	<0.5	<0.2
1020848	Soil	12	31	2.31	265	0.187	1	3.22	0.007	0.40	<0.1	<0.01	4.7	<0.1	<0.05	11	<0.5	<0.2

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000705.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1028727	Soil	0.8	26.6	7.5	61	<0.1	21.5	12.1	331	2.61	6.8	0.8	2.2	3.3	30	0.1	0.6	0.1	60	0.49	0.045
REP 1028727	QC	0.8	25.8	7.5	59	0.1	20.6	11.7	316	2.44	6.5	0.8	2.3	3.5	28	0.2	0.5	0.1	58	0.46	0.042
1028711	Soil	0.5	36.2	5.1	67	<0.1	18.0	13.9	300	2.83	5.4	0.8	3.0	3.0	16	<0.1	0.3	<0.1	65	0.29	0.071
REP 1028711	QC	0.5	36.6	5.3	67	<0.1	18.4	13.8	304	2.89	5.6	0.8	3.1	3.2	16	<0.1	0.3	<0.1	66	0.29	0.070
1028714	Soil	0.8	26.9	5.8	54	<0.1	15.2	10.6	347	3.00	6.3	0.4	2.5	2.2	14	<0.1	0.3	0.1	77	0.27	0.079
REP 1028714	QC	0.7	27.1	5.9	55	<0.1	15.0	10.5	345	2.97	6.2	0.4	2.3	2.3	14	<0.1	0.3	0.1	77	0.29	0.081
1055605	Soil	0.5	14.7	4.6	61	<0.1	13.3	11.6	373	2.80	4.6	0.4	2.7	2.6	28	<0.1	0.3	<0.1	60	0.35	0.066
REP 1055605	QC	0.5	15.1	4.7	63	<0.1	13.6	11.6	376	2.78	4.6	0.5	2.3	2.7	28	<0.1	0.2	0.1	60	0.36	0.067
1055622	Soil	0.9	15.8	7.5	68	<0.1	15.1	14.2	577	3.35	4.3	0.7	<0.5	3.1	36	0.1	0.2	0.1	71	0.69	0.068
REP 1055622	QC	1.1	17.1	7.5	66	0.1	15.4	14.4	591	3.45	4.7	0.7	2.8	3.2	38	<0.1	0.2	0.1	75	0.71	0.069
1013344	Soil	0.6	38.7	5.7	57	<0.1	31.5	7.6	141	3.28	2.8	1.5	<0.5	8.0	15	<0.1	0.2	0.2	53	0.13	0.040
REP 1013344	QC	0.8	37.9	5.6	59	<0.1	31.5	7.7	143	3.27	2.7	1.5	1.2	7.8	15	<0.1	0.1	0.2	49	0.11	0.039
1010893	Soil	0.4	25.5	3.0	56	<0.1	11.4	15.7	371	3.16	2.9	0.3	0.8	4.0	12	<0.1	0.1	<0.1	72	0.32	0.071
REP 1010893	QC	0.4	24.8	2.9	57	<0.1	10.7	15.9	393	3.33	2.8	0.3	<0.5	3.8	12	<0.1	0.1	<0.1	76	0.30	0.074
1014015	Soil	1.3	53.1	6.1	66	<0.1	27.1	15.3	654	4.33	6.0	1.0	1.7	4.6	22	0.2	0.5	0.1	74	0.34	0.053
REP 1014015	QC	1.1	51.1	5.8	62	<0.1	24.1	14.0	609	4.06	5.1	0.9	2.1	4.2	20	0.1	0.4	0.1	71	0.33	0.049
1014031	Soil	0.8	17.5	5.9	44	<0.1	12.7	8.0	223	2.59	6.0	0.6	3.5	3.4	15	0.1	0.3	0.2	61	0.24	0.043
REP 1014031	QC	0.8	18.0	6.5	46	<0.1	13.7	7.9	231	2.64	5.9	0.6	2.0	3.5	16	0.1	0.4	0.2	64	0.25	0.043
1013297	Soil	0.3	42.8	3.9	86	<0.1	13.4	23.8	760	4.72	3.1	0.5	<0.5	5.7	21	<0.1	0.2	<0.1	100	0.39	0.075
REP 1013297	QC	0.3	41.8	4.1	86	<0.1	13.2	23.5	773	4.74	3.0	0.5	<0.5	6.3	21	<0.1	0.1	<0.1	99	0.37	0.076
1055505	Soil	0.5	14.7	9.5	56	<0.1	12.7	10.6	386	3.18	4.4	0.8	1.3	7.5	17	<0.1	0.2	0.1	67	0.24	0.017
REP 1055505	QC	0.8	14.8	9.0	55	0.1	13.5	10.6	383	3.19	4.3	0.9	1.7	7.5	17	<0.1	0.2	<0.1	67	0.25	0.017
1055524	Soil	0.8	28.6	7.0	63	<0.1	18.6	15.9	494	3.90	4.6	0.9	0.6	8.2	24	<0.1	0.4	<0.1	78	0.40	0.054
REP 1055524	QC	0.7	29.2	7.2	65	<0.1	18.4	16.0	508	3.96	4.9	1.0	0.8	8.6	24	<0.1	0.4	<0.1	79	0.41	0.053
1055574	Soil	0.9	24.8	60.2	187	<0.1	8.2	13.8	685	3.91	2.8	0.9	1.8	8.5	16	0.3	0.2	0.2	62	0.21	0.029
REP 1055574	QC	1.0	25.0	57.9	182	<0.1	7.5	14.0	706	3.89	2.5	0.9	1.2	8.3	16	0.3	0.2	0.2	62	0.21	0.028
1054002	Soil	0.5	20.5	6.6	55	0.1	17.4	9.4	279	2.48	5.8	0.7	5.3	2.3	22	<0.1	0.3	0.1	55	0.29	0.055
REP 1054002	QC	0.7	20.9	6.8	57	0.1	18.3	9.5	281	2.51	5.8	0.7	4.2	2.4	22	<0.1	0.3	0.1	56	0.28	0.056

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Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000705.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1028727	Soil	11	31	0.67	309	0.072	2	1.63	0.024	0.06	0.2	0.04	3.7	<0.1	<0.05	5	<0.5	<0.2
REP 1028727	QC	11	30	0.64	303	0.070	<1	1.49	0.020	0.06	0.1	0.03	3.7	<0.1	<0.05	5	<0.5	<0.2
1028711	Soil	18	28	0.89	225	0.112	<1	1.70	0.017	0.15	<0.1	0.02	3.4	<0.1	<0.05	6	<0.5	<0.2
REP 1028711	QC	18	29	0.89	228	0.116	1	1.74	0.012	0.15	0.1	0.01	3.5	<0.1	<0.05	6	<0.5	<0.2
1028714	Soil	6	24	0.66	200	0.092	2	1.72	0.013	0.29	0.1	<0.01	3.4	0.1	<0.05	6	<0.5	<0.2
REP 1028714	QC	6	24	0.67	203	0.094	2	1.75	0.016	0.29	0.1	<0.01	3.3	0.1	<0.05	6	<0.5	<0.2
1055605	Soil	8	25	0.85	139	0.120	1	1.79	0.013	0.12	0.1	0.01	2.2	<0.1	<0.05	6	<0.5	<0.2
REP 1055605	QC	8	25	0.86	136	0.122	<1	1.80	0.013	0.12	0.2	0.02	2.3	<0.1	<0.05	6	<0.5	<0.2
1055622	Soil	8	29	0.90	213	0.142	3	2.05	0.014	0.18	0.1	0.04	3.4	<0.1	<0.05	7	<0.5	<0.2
REP 1055622	QC	9	29	0.92	223	0.149	4	2.14	0.015	0.20	0.1	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2
1013344	Soil	37	41	0.91	205	0.119	<1	1.84	0.007	0.55	<0.1	0.01	2.5	0.4	<0.05	5	<0.5	<0.2
REP 1013344	QC	36	41	0.92	202	0.120	<1	1.91	0.008	0.58	<0.1	<0.01	2.6	0.4	<0.05	5	0.6	<0.2
1010893	Soil	4	24	1.33	399	0.215	<1	2.15	0.019	0.89	<0.1	<0.01	1.4	0.2	<0.05	5	<0.5	<0.2
REP 1010893	QC	4	26	1.29	416	0.223	<1	2.16	0.019	0.93	<0.1	<0.01	1.5	0.2	<0.05	5	<0.5	<0.2
1014015	Soil	14	35	0.89	365	0.098	<1	1.85	0.019	0.19	0.1	0.05	9.2	<0.1	<0.05	6	<0.5	<0.2
REP 1014015	QC	13	34	0.82	345	0.090	1	1.70	0.012	0.17	0.1	0.04	8.2	<0.1	<0.05	5	<0.5	<0.2
1014031	Soil	11	23	0.57	188	0.083	<1	1.64	0.007	0.13	0.2	0.02	2.8	0.1	<0.05	6	<0.5	<0.2
REP 1014031	QC	11	25	0.58	194	0.088	1	1.63	0.009	0.13	0.1	0.02	2.7	<0.1	<0.05	6	<0.5	<0.2
1013297	Soil	7	22	2.12	409	0.301	<1	3.08	0.012	0.79	<0.1	0.02	1.4	0.2	<0.05	7	<0.5	<0.2
REP 1013297	QC	7	23	2.14	404	0.295	<1	3.11	0.012	0.81	<0.1	<0.01	1.4	0.2	<0.05	7	<0.5	<0.2
1055505	Soil	18	25	0.73	329	0.098	2	2.05	0.012	0.22	<0.1	0.01	4.0	0.2	<0.05	6	<0.5	<0.2
REP 1055505	QC	18	26	0.72	323	0.104	1	2.03	0.012	0.24	<0.1	<0.01	3.9	0.1	<0.05	6	<0.5	<0.2
1055524	Soil	19	29	1.14	273	0.146	<1	2.40	0.013	0.47	0.1	0.01	4.4	0.2	<0.05	7	<0.5	<0.2
REP 1055524	QC	19	30	1.16	277	0.152	1	2.44	0.012	0.46	0.1	<0.01	4.7	0.2	<0.05	7	<0.5	<0.2
1055574	Soil	23	20	1.08	164	0.009	<1	2.75	0.006	0.12	<0.1	0.02	4.0	0.2	<0.05	8	<0.5	<0.2
REP 1055574	QC	23	20	1.07	163	0.009	<1	2.73	0.006	0.12	<0.1	0.02	4.0	0.1	<0.05	8	<0.5	<0.2
1054002	Soil	11	30	0.61	209	0.074	<1	1.87	0.010	0.07	0.1	0.04	3.5	<0.1	<0.05	5	<0.5	<0.2
REP 1054002	QC	11	30	0.62	211	0.076	<1	1.89	0.011	0.07	0.2	0.04	3.6	0.1	<0.05	6	<0.5	<0.2

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Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000705.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
1028680	Soil	0.7	25.4	4.5	66	<0.1	20.9	17.6	782	3.99	4.1	0.7	0.7	5.3	32	0.1	0.2	<0.1	71	0.70	0.061
REP 1028680	QC	0.6	24.9	4.6	66	<0.1	20.5	17.5	769	3.95	4.2	0.7	1.0	5.4	32	<0.1	0.2	<0.1	71	0.70	0.062
1028657	Soil	0.7	31.4	4.1	61	<0.1	30.7	17.3	522	3.94	8.6	0.9	1.9	5.8	21	<0.1	0.3	0.1	78	0.38	0.030
REP 1028657	QC	0.8	31.4	3.9	58	<0.1	30.3	17.3	516	3.96	8.6	0.8	1.9	5.6	21	<0.1	0.3	0.1	77	0.38	0.031
Reference Materials																					
STD DS8	Standard	12.0	101.0	117.1	297	1.7	35.2	7.4	593	2.73	26.5	2.5	110.5	6.2	61	2.2	5.4	5.9	41	0.66	0.073
STD DS8	Standard	13.5	104.7	120.4	297	1.9	36.2	7.2	611	2.75	26.9	2.5	102.2	6.8	63	2.4	5.1	6.1	42	0.70	0.084
STD DS8	Standard	13.1	110.2	123.4	299	1.7	38.2	7.6	610	2.45	25.2	2.7	106.5	6.9	66	2.2	5.1	6.2	42	0.72	0.076
STD DS8	Standard	12.8	104.5	125.0	292	1.7	36.5	7.1	598	2.37	25.3	2.7	103.3	6.8	66	2.2	5.2	6.0	41	0.70	0.077
STD DS8	Standard	12.7	108.6	121.8	308	1.7	38.0	7.5	601	2.57	25.8	2.6	107.3	6.1	65	2.5	4.9	5.9	43	0.67	0.077
STD DS8	Standard	12.7	104.7	123.3	300	1.6	36.5	7.4	585	2.43	24.0	2.7	92.8	6.8	62	2.0	4.7	6.0	41	0.66	0.079
STD DS8	Standard	12.2	105.7	120.8	297	1.7	35.8	7.0	579	2.35	25.8	2.7	106.9	6.5	60	2.3	5.1	6.1	40	0.64	0.077
STD DS8	Standard	12.0	102.6	120.4	296	1.7	35.9	6.9	581	2.35	25.4	2.5	104.0	6.4	59	2.3	5.1	6.0	39	0.64	0.074
STD DS8	Standard	12.2	105.4	120.1	300	1.8	36.9	7.6	583	2.37	25.6	2.5	103.8	5.7	61	2.3	5.1	6.3	40	0.64	0.075
STD DS8	Standard	12.3	105.5	118.9	288	1.7	36.3	7.3	563	2.31	25.1	2.5	121.4	6.4	58	2.3	5.1	6.2	39	0.63	0.073
STD DS8	Standard	13.5	106.7	121.3	302	1.7	37.7	7.4	616	2.36	25.4	2.7	116.1	7.1	70	2.3	5.0	6.3	41	0.73	0.078
STD DS8	Standard	13.6	101.1	121.2	296	1.7	37.0	7.4	606	2.36	25.5	2.8	114.2	6.7	70	2.6	5.6	6.1	42	0.72	0.075
STD DS8	Standard	13.5	108.0	104.0	294	1.7	37.9	7.4	617	2.47	27.2	2.4	103.9	6.3	61	2.4	4.8	5.8	44	0.70	0.079
STD DS8	Standard	13.6	107.2	105.5	295	1.7	38.0	7.8	609	2.43	26.6	2.3	120.0	6.0	62	2.3	4.9	5.9	44	0.69	0.079
STD DS8	Standard	13.9	112.7	128.1	315	1.9	39.0	7.7	629	2.55	26.9	2.7	106.8	6.5	65	2.4	5.3	6.4	42	0.69	0.079
STD DS8	Standard	13.0	110.1	125.0	309	1.7	37.7	7.5	602	2.43	26.4	2.6	108.2	6.2	63	2.3	5.2	6.1	42	0.66	0.079
STD DS8	Standard	13.0	107.5	104.8	294	1.8	35.7	7.5	582	2.37	26.6	2.3	98.1	6.0	56	2.4	4.9	5.9	41	0.66	0.073
STD DS8	Standard	13.1	108.7	104.4	304	1.8	36.5	7.6	606	2.46	26.4	2.4	105.4	6.2	60	2.3	4.9	6.0	42	0.70	0.076
STD DS8	Standard	13.2	109.3	115.5	313	1.8	37.3	7.3	590	2.40	26.2	2.6	107.3	6.4	67	2.2	5.8	6.5	41	0.67	0.079
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000705.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
1028680	Soil	12	28	1.23	288	0.033	1	2.46	0.008	0.18	<0.1	<0.01	4.8	<0.1	<0.05	8	<0.5	<0.2
REP 1028680	QC	13	29	1.24	286	0.033	2	2.54	0.009	0.18	<0.1	0.01	4.8	<0.1	<0.05	9	<0.5	<0.2
1028657	Soil	15	35	1.59	147	0.144	<1	2.70	0.010	0.19	0.1	<0.01	5.0	<0.1	<0.05	8	<0.5	<0.2
REP 1028657	QC	15	35	1.60	148	0.147	<1	2.70	0.008	0.19	0.2	<0.01	5.1	<0.1	<0.05	9	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	14	111	0.51	257	0.110	3	0.86	0.080	0.39	2.8	0.19	2.5	5.2	0.18	5	5.5	4.5
STD DS8	Standard	16	115	0.57	270	0.118	3	0.92	0.091	0.41	2.9	0.21	2.3	5.3	0.19	5	6.1	5.1
STD DS8	Standard	15	116	0.58	288	0.117	2	0.97	0.119	0.42	3.1	0.19	2.3	5.4	0.15	5	5.8	4.7
STD DS8	Standard	15	111	0.58	281	0.114	3	0.94	0.112	0.42	3.0	0.18	2.5	5.5	0.14	5	5.8	5.1
STD DS8	Standard	13	122	0.57	273	0.111	2	0.97	0.089	0.45	2.8	0.18	2.1	5.2	0.09	5	5.0	4.6
STD DS8	Standard	13	118	0.52	265	0.119	2	0.93	0.116	0.43	3.0	0.21	2.9	5.3	0.12	5	4.4	4.3
STD DS8	Standard	13	111	0.59	269	0.103	2	0.88	0.093	0.40	2.8	0.20	2.1	5.1	0.17	5	4.8	4.4
STD DS8	Standard	13	108	0.58	269	0.099	2	0.85	0.087	0.41	2.7	0.18	2.1	5.2	0.15	5	5.2	5.2
STD DS8	Standard	12	110	0.57	266	0.099	3	0.86	0.091	0.40	2.8	0.20	2.1	5.2	0.15	5	5.7	4.9
STD DS8	Standard	13	108	0.56	269	0.099	2	0.82	0.083	0.39	2.9	0.21	1.9	5.0	0.14	4	5.3	5.1
STD DS8	Standard	17	119	0.54	284	0.124	2	0.94	0.103	0.44	3.1	0.16	2.6	5.3	0.16	5	4.9	4.8
STD DS8	Standard	17	112	0.54	287	0.120	3	0.95	0.108	0.43	2.9	0.21	2.6	5.3	0.18	5	4.7	4.6
STD DS8	Standard	15	122	0.62	271	0.112	3	0.98	0.109	0.43	2.7	0.18	2.9	5.1	0.16	5	5.9	4.8
STD DS8	Standard	14	121	0.62	267	0.110	2	0.96	0.112	0.43	2.7	0.19	2.8	5.2	0.15	5	5.2	4.7
STD DS8	Standard	14	119	0.63	282	0.113	3	0.92	0.097	0.44	3.0	0.21	2.2	5.5	0.16	5	5.3	5.1
STD DS8	Standard	13	115	0.61	273	0.107	2	0.90	0.099	0.43	2.9	0.21	2.3	5.5	0.15	5	5.0	4.8
STD DS8	Standard	13	117	0.59	255	0.103	2	0.86	0.082	0.40	2.8	0.20	2.1	5.0	0.16	4	5.3	4.7
STD DS8	Standard	14	117	0.60	271	0.110	2	0.90	0.090	0.40	2.7	0.20	2.2	5.3	0.17	5	5.3	5.3
STD DS8	Standard	14	112	0.59	275	0.122	3	0.87	0.084	0.41	2.9	0.20	2.1	5.3	0.13	5	6.3	4.9
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000705.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 04, 2011

QUALITY CONTROL REPORT WHI11000705.1

		1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

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

CERTIFICATE OF ANALYSIS WHI11000871.1

CLIENT JOB INFORMATION

Project: PED
Shipment ID:
P.O. Number
Number of Samples: 102

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT-SOIL Immediate Disposal of Soil Reject

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	102	Dry at 60C			VAN
SS80	102	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	102	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000871.1

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010299	Soil		0.5	39.6	12.9	108	<0.1	19.3	16.6	1109	4.04	22.9	2.8	1.7	9.7	15	0.2	1.3	0.2	32	0.39	0.050
1010300	Soil		1.2	35.6	5.0	84	<0.1	32.1	14.5	284	3.04	25.4	0.6	1.2	3.1	17	0.2	0.4	0.1	131	0.23	0.043
1013495	Soil		0.3	62.2	3.1	74	<0.1	77.7	26.9	694	4.14	3.4	0.3	1.9	1.7	71	<0.1	0.2	<0.1	100	0.89	0.051
1012898	Soil		0.5	33.6	5.3	99	<0.1	11.0	15.4	717	5.33	11.0	0.5	1.5	2.4	24	<0.1	0.7	<0.1	122	0.43	0.101
1010292	Soil		0.2	103.5	2.7	75	<0.1	20.7	26.5	720	5.72	6.1	0.2	2.2	1.5	16	<0.1	0.3	<0.1	153	0.21	0.024
1010293	Soil		0.4	32.6	24.8	62	<0.1	13.1	20.9	714	4.76	2.9	0.7	1.1	11.2	25	<0.1	0.1	0.2	125	0.61	0.164
1010294	Soil		0.2	44.7	1.3	252	<0.1	11.8	52.2	563	11.73	2.6	0.3	0.6	0.6	54	<0.1	<0.1	<0.1	436	1.28	0.403
1010295	Soil		0.5	45.3	8.5	103	<0.1	26.8	12.8	616	4.16	3.6	0.9	0.7	19.3	14	<0.1	0.2	0.1	43	0.28	0.074
1010296	Soil		0.4	57.2	10.0	119	<0.1	32.1	17.7	600	3.77	3.6	0.8	0.8	10.8	18	<0.1	0.3	0.1	52	0.28	0.054
1010297	Soil		0.9	42.8	33.1	112	0.1	45.8	26.2	915	4.08	7.7	0.5	9.4	9.1	21	0.2	0.4	0.2	62	0.60	0.047
1010298	Soil		0.2	23.1	2.6	73	0.2	5.9	11.4	726	3.63	1.5	0.7	2.7	4.8	37	<0.1	0.2	<0.1	46	3.60	0.094
1012891	Soil		0.8	53.3	3.8	103	<0.1	18.3	22.1	1577	5.78	41.9	0.4	7.9	0.5	43	<0.1	0.6	<0.1	133	0.94	0.119
1013489	Soil		0.7	26.3	4.1	83	<0.1	33.9	25.7	761	6.11	7.1	0.7	1.1	2.8	38	0.1	0.5	<0.1	178	0.61	0.053
1013490	Soil		0.3	51.1	3.5	58	<0.1	12.3	15.2	440	3.30	2.9	0.5	0.7	3.0	46	<0.1	0.3	0.2	60	0.64	0.066
1013491	Soil		0.3	44.2	3.0	75	<0.1	31.9	22.5	505	3.63	2.9	0.2	<0.5	1.3	125	<0.1	0.2	<0.1	83	0.54	0.045
1013492	Soil		0.6	45.3	3.9	79	<0.1	12.9	19.6	661	4.36	3.4	0.5	0.6	2.9	100	<0.1	0.2	<0.1	83	0.66	0.081
1013493	Soil		0.2	65.5	2.8	84	<0.1	76.5	28.8	876	4.74	2.3	0.4	2.2	1.7	41	<0.1	0.1	<0.1	90	0.93	0.078
1013494	Soil		0.3	57.9	3.0	87	<0.1	86.7	29.7	824	4.82	2.9	0.4	0.6	2.5	133	<0.1	0.1	<0.1	106	0.70	0.059
1010291	Soil		1.1	57.9	5.2	566	<0.1	4.8	6.1	1501	6.34	28.1	0.6	3.3	2.5	19	0.3	0.8	<0.1	29	0.39	0.122
1010290	Soil		0.4	60.5	3.8	97	<0.1	8.5	34.3	662	6.77	5.9	0.7	0.7	1.7	95	0.2	0.2	<0.1	184	2.47	0.919
1010289	Soil		0.5	75.9	4.3	53	<0.1	13.6	22.3	413	4.19	6.3	0.6	6.6	2.0	49	<0.1	0.3	<0.1	110	0.82	0.228
1012900	Soil		1.0	23.8	8.0	65	<0.1	18.4	14.2	310	3.55	10.7	0.6	2.0	2.6	55	<0.1	0.4	0.2	88	0.82	0.347
1012899	Soil		0.6	43.9	6.0	109	<0.1	43.7	18.3	813	3.97	5.6	0.5	1.0	2.0	30	0.3	0.4	<0.1	66	0.34	0.063
1013496	Soil		0.4	61.3	5.2	67	<0.1	35.3	18.9	621	3.85	6.2	0.6	0.8	3.1	36	<0.1	0.4	0.3	89	0.77	0.051
1012799	Soil		0.8	14.1	5.3	52	<0.1	13.1	9.4	361	2.80	8.9	0.3	1.4	3.6	11	0.1	0.3	<0.1	43	0.14	0.039
1012795	Soil		0.2	23.2	5.6	85	<0.1	14.5	14.9	629	3.61	5.6	0.3	2.6	7.2	27	0.2	0.3	<0.1	57	0.51	0.115
1012796	Soil		0.5	47.5	1.5	44	<0.1	185.5	32.1	562	3.49	2.3	0.4	3.3	2.1	25	<0.1	0.3	<0.1	69	0.50	0.052
1012798	Soil		0.9	12.4	5.6	90	<0.1	40.9	19.3	611	3.94	5.4	0.4	0.7	2.7	18	<0.1	0.3	<0.1	76	0.30	0.068
1012893	Soil		0.5	18.5	2.7	127	<0.1	6.1	4.5	579	3.50	20.8	0.6	13.2	2.7	19	<0.1	0.5	<0.1	38	0.31	0.047
1012894	Soil		0.6	48.8	3.4	92	<0.1	55.5	26.2	1080	5.77	5.5	0.9	4.2	7.0	45	<0.1	0.3	<0.1	159	0.81	0.146

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000871.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010299	Soil	33	12	0.37	825	0.001	2	1.43	0.005	0.13	0.2	0.21	10.7	0.7	<0.05	3	<0.5	<0.2
1010300	Soil	4	65	1.01	271	0.065	<1	1.93	0.007	0.18	0.1	0.02	5.4	0.1	<0.05	8	<0.5	<0.2
1013495	Soil	8	54	2.29	566	0.077	1	2.61	0.014	0.12	0.1	0.03	8.6	<0.1	<0.05	8	<0.5	<0.2
1012898	Soil	8	18	1.11	222	0.074	<1	2.52	0.016	0.08	0.2	0.02	8.8	<0.1	<0.05	10	0.6	<0.2
1010292	Soil	12	23	2.47	261	0.093	<1	3.42	0.008	0.37	<0.1	0.02	11.3	0.1	<0.05	9	<0.5	<0.2
1010293	Soil	50	15	2.06	230	0.129	1	2.63	0.009	0.30	<0.1	0.01	12.6	0.2	<0.05	11	<0.5	<0.2
1010294	Soil	4	16	1.72	163	0.125	<1	2.20	0.039	0.15	<0.1	0.02	7.8	<0.1	<0.05	21	<0.5	<0.2
1010295	Soil	31	33	1.18	218	0.157	<1	2.39	0.008	0.76	<0.1	<0.01	3.3	0.4	<0.05	8	<0.5	<0.2
1010296	Soil	13	32	1.05	291	0.135	<1	2.13	0.009	0.80	0.1	0.01	3.8	0.3	<0.05	7	<0.5	<0.2
1010297	Soil	32	60	1.39	243	0.044	<1	2.23	0.008	0.31	0.2	0.04	6.9	0.3	<0.05	7	<0.5	<0.2
1010298	Soil	28	6	0.88	591	0.014	<1	1.66	0.006	0.10	0.1	0.04	4.1	<0.1	0.07	6	<0.5	<0.2
1012891	Soil	9	25	1.61	683	0.006	<1	2.76	0.010	0.06	0.2	0.04	10.6	0.1	<0.05	11	<0.5	<0.2
1013489	Soil	8	76	2.42	260	0.099	<1	3.08	0.015	0.04	0.3	0.02	16.0	<0.1	<0.05	12	<0.5	<0.2
1013490	Soil	7	14	1.21	185	0.003	<1	2.17	0.007	0.06	0.1	0.01	4.2	<0.1	<0.05	7	<0.5	<0.2
1013491	Soil	3	30	1.60	305	0.124	<1	2.54	0.023	0.11	<0.1	<0.01	3.9	<0.1	<0.05	7	<0.5	<0.2
1013492	Soil	12	17	1.63	363	0.154	<1	2.83	0.013	0.29	<0.1	0.02	5.1	<0.1	<0.05	9	<0.5	<0.2
1013493	Soil	5	59	2.79	303	0.025	<1	3.38	0.010	0.06	<0.1	0.03	10.9	<0.1	<0.05	10	<0.5	<0.2
1013494	Soil	9	57	2.75	505	0.110	<1	3.31	0.012	0.25	<0.1	<0.01	9.6	<0.1	<0.05	10	<0.5	<0.2
1010291	Soil	10	8	1.28	271	0.044	<1	2.60	0.007	0.26	0.2	0.02	5.9	0.2	<0.05	15	<0.5	<0.2
1010290	Soil	5	12	1.70	177	0.076	<1	2.63	0.061	0.08	0.1	0.02	11.3	<0.1	<0.05	13	<0.5	<0.2
1010289	Soil	9	21	0.98	201	0.059	<1	1.54	0.024	0.04	0.2	0.01	14.0	<0.1	<0.05	6	0.6	<0.2
1012900	Soil	8	35	0.71	164	0.071	1	1.96	0.021	0.06	0.2	0.02	4.5	<0.1	<0.05	7	<0.5	<0.2
1012899	Soil	6	125	1.30	170	0.058	<1	2.26	0.012	0.06	0.2	0.01	7.1	<0.1	<0.05	8	<0.5	<0.2
1013496	Soil	11	33	1.28	405	0.043	<1	2.37	0.019	0.07	0.3	0.02	8.0	<0.1	<0.05	7	<0.5	<0.2
1012799	Soil	6	27	0.66	122	0.037	<1	2.02	0.008	0.14	<0.1	<0.01	1.8	<0.1	<0.05	7	<0.5	<0.2
1012795	Soil	22	22	1.19	284	0.113	<1	2.33	0.009	0.28	<0.1	<0.01	2.0	0.1	<0.05	8	0.7	<0.2
1012796	Soil	7	527	4.16	172	0.100	<1	2.93	0.014	0.07	<0.1	0.01	6.5	0.1	<0.05	6	<0.5	<0.2
1012798	Soil	5	101	1.72	192	0.144	<1	2.95	0.010	0.33	<0.1	<0.01	3.4	0.3	<0.05	8	<0.5	<0.2
1012893	Soil	22	13	0.58	199	0.002	<1	1.77	0.005	0.11	0.1	0.02	3.9	0.2	<0.05	10	<0.5	<0.2
1012894	Soil	10	89	1.97	290	0.057	<1	3.00	0.020	0.16	0.2	<0.01	12.7	0.1	<0.05	11	<0.5	<0.2

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Project: PED
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000871.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1012892	Soil	0.7	21.0	3.2	134	<0.1	6.7	5.5	637	3.76	20.9	0.6	11.5	2.6	19	<0.1	0.5	<0.1	44	0.32	0.051
1012895	Soil	0.7	9.4	7.0	236	<0.1	5.0	7.1	1499	5.11	3.2	0.4	0.5	2.5	15	0.2	0.2	<0.1	23	0.40	0.134
1012896	Soil	0.3	47.7	1.8	51	<0.1	13.0	25.5	853	4.77	2.1	0.2	1.9	0.6	28	<0.1	0.4	<0.1	168	0.64	0.085
1012897	Soil	0.5	15.7	9.5	76	<0.1	21.2	12.1	560	3.75	5.5	0.3	<0.5	4.1	16	0.1	0.3	<0.1	73	0.24	0.057
1010881	Soil	1.0	30.5	3.6	63	<0.1	12.5	18.5	801	4.07	3.0	0.9	<0.5	9.1	14	<0.1	0.2	<0.1	94	0.28	0.060
1010883	Soil	0.5	32.4	2.8	75	<0.1	16.6	22.6	677	4.24	4.3	0.3	0.8	6.1	21	<0.1	0.2	<0.1	95	0.30	0.056
1010882	Soil	0.6	23.8	4.8	71	<0.1	18.0	18.6	580	3.55	4.9	0.4	0.9	4.8	23	<0.1	0.3	<0.1	79	0.36	0.031
1010884	Soil	0.6	26.8	3.9	70	<0.1	16.8	18.5	629	3.78	4.4	0.4	<0.5	4.4	22	<0.1	0.3	<0.1	87	0.41	0.044
1010885	Soil	0.7	40.1	9.6	58	<0.1	52.4	18.3	466	3.74	10.3	0.7	1.6	10.9	28	<0.1	0.6	0.2	82	0.39	0.033
1010852	Soil	1.0	15.5	8.8	49	<0.1	17.8	10.4	308	2.91	8.6	0.5	1.6	3.2	16	<0.1	0.5	0.2	62	0.16	0.023
1010851	Soil	0.6	28.2	11.3	61	<0.1	20.1	11.6	340	3.19	5.5	1.1	3.9	7.0	28	0.1	0.4	0.2	70	0.36	0.032
1010854	Soil	0.2	9.4	4.9	97	<0.1	6.9	14.1	795	3.96	1.5	0.5	<0.5	14.3	17	<0.1	0.1	<0.1	49	0.38	0.054
1010853	Soil	0.5	13.7	5.7	78	<0.1	10.4	14.6	632	4.09	3.9	0.5	0.5	8.8	20	<0.1	0.3	<0.1	64	0.33	0.033
1010856	Soil	0.3	5.0	4.5	73	<0.1	4.7	11.8	596	3.89	1.7	0.8	1.3	11.1	16	<0.1	0.1	<0.1	52	0.30	0.039
1010857	Soil	0.3	12.1	4.4	71	<0.1	7.0	13.1	689	4.09	2.5	0.8	<0.5	11.5	22	<0.1	0.2	<0.1	44	0.37	0.049
1010859	Soil	0.2	14.2	2.1	111	<0.1	8.7	20.6	897	4.82	2.5	0.5	<0.5	3.2	16	<0.1	0.1	<0.1	105	0.49	0.110
1010862	Soil	0.4	16.4	4.1	80	<0.1	5.8	10.8	577	3.37	2.0	0.5	<0.5	6.7	17	<0.1	0.1	<0.1	44	0.29	0.049
1010858	Soil	0.6	20.2	5.6	78	<0.1	16.7	14.1	520	3.51	6.1	0.5	1.1	4.3	24	<0.1	0.4	0.1	72	0.36	0.069
1010861	Soil	0.4	24.9	6.0	81	<0.1	10.1	14.3	807	4.23	3.1	1.3	<0.5	14.7	19	<0.1	0.4	<0.1	63	0.33	0.050
1010860	Soil	0.1	10.5	1.5	100	<0.1	33.5	22.1	798	4.06	1.1	0.5	<0.5	3.2	23	<0.1	0.2	<0.1	69	0.55	0.099
1010855	Soil	0.5	9.4	5.1	84	<0.1	11.6	13.5	642	3.76	4.7	0.5	3.2	6.0	22	<0.1	0.2	<0.1	63	0.43	0.099
1010863	Soil	0.4	12.5	7.8	251	0.2	12.0	14.7	1192	4.00	3.2	0.8	1.0	5.4	33	0.3	0.2	<0.1	64	0.52	0.125
1010864	Soil	0.4	10.9	4.2	129	<0.1	11.2	15.2	723	3.98	4.4	0.4	<0.5	5.5	18	<0.1	0.2	<0.1	68	0.34	0.058
1010865	Soil	0.3	10.5	4.5	82	<0.1	10.3	11.9	593	3.41	4.4	0.7	<0.5	10.2	22	<0.1	0.2	<0.1	50	0.34	0.043
1010868	Soil	0.2	120.7	2.2	35	<0.1	31.8	15.4	319	1.61	1.2	0.1	<0.5	0.9	16	<0.1	<0.1	<0.1	36	0.44	0.057
1010867	Soil	0.3	55.5	3.6	66	<0.1	12.3	12.1	537	4.02	3.8	1.0	1.9	10.9	19	<0.1	0.2	<0.1	50	0.38	0.063
1010877	Soil	0.5	17.6	4.9	57	<0.1	8.4	17.9	1027	3.79	1.9	1.3	1.2	3.5	86	0.2	0.2	<0.1	42	11.11	0.052
1010876	Soil	1.8	11.2	10.9	61	<0.1	10.3	11.1	873	3.23	3.3	2.3	0.9	13.6	10	<0.1	0.2	<0.1	20	0.31	0.039
1010875	Soil	0.3	74.8	2.7	91	<0.1	17.2	28.8	1107	5.99	1.7	0.5	2.1	6.1	39	<0.1	0.2	<0.1	132	0.98	0.188
1010874	Soil	0.2	45.9	1.8	16	<0.1	15.4	7.6	201	1.42	1.8	0.2	<0.5	0.9	13	<0.1	0.1	<0.1	34	0.38	0.051

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Project: PED
Report Date: August 15, 2011

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	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1012892	Soil	23	15	0.61	206	0.003	<1	1.88	0.005	0.11	0.1	0.02	4.0	0.1	<0.05	10	<0.5	<0.2
1012895	Soil	15	9	1.12	321	0.159	<1	2.43	0.009	0.89	<0.1	<0.01	6.2	0.3	<0.05	12	<0.5	<0.2
1012896	Soil	3	15	1.12	93	0.054	<1	2.15	0.037	0.06	<0.1	<0.01	9.3	<0.1	<0.05	7	<0.5	<0.2
1012897	Soil	17	36	0.93	175	0.010	<1	2.20	0.005	0.10	0.1	<0.01	3.8	<0.1	<0.05	10	<0.5	<0.2
1010881	Soil	19	24	1.59	278	0.214	1	2.41	0.013	1.28	0.2	0.01	6.3	0.3	<0.05	7	<0.5	<0.2
1010883	Soil	11	27	1.98	512	0.297	<1	2.78	0.013	1.56	<0.1	0.01	2.1	0.3	<0.05	7	<0.5	<0.2
1010882	Soil	10	30	1.42	392	0.228	<1	2.11	0.011	0.75	0.1	0.01	2.7	0.2	<0.05	6	<0.5	<0.2
1010884	Soil	11	30	1.57	402	0.248	1	2.30	0.012	0.95	<0.1	0.02	2.8	0.3	<0.05	6	<0.5	<0.2
1010885	Soil	34	117	1.14	394	0.119	2	2.14	0.010	0.42	0.2	0.02	7.6	0.2	<0.05	7	<0.5	<0.2
1010852	Soil	8	31	0.50	197	0.055	1	2.11	0.011	0.06	0.1	0.01	2.7	<0.1	<0.05	6	<0.5	<0.2
1010851	Soil	24	43	0.70	233	0.060	<1	1.97	0.011	0.06	0.1	0.03	6.2	<0.1	<0.05	7	<0.5	<0.2
1010854	Soil	9	11	1.17	140	0.230	<1	2.13	0.007	0.44	0.1	<0.01	1.6	0.2	<0.05	9	<0.5	<0.2
1010853	Soil	7	18	1.12	147	0.185	<1	2.53	0.009	0.10	0.1	0.01	2.5	<0.1	<0.05	9	<0.5	<0.2
1010856	Soil	12	11	1.17	93	0.255	<1	2.29	0.008	0.72	0.1	<0.01	2.7	0.4	<0.05	10	<0.5	<0.2
1010857	Soil	30	12	0.88	155	0.188	<1	2.05	0.008	0.48	<0.1	<0.01	2.2	0.2	<0.05	8	<0.5	<0.2
1010859	Soil	7	21	1.59	245	0.241	<1	2.35	0.015	0.95	<0.1	<0.01	1.9	0.4	<0.05	8	<0.5	<0.2
1010862	Soil	6	11	0.73	209	0.181	<1	1.85	0.008	0.59	0.1	<0.01	1.3	0.3	<0.05	8	<0.5	<0.2
1010858	Soil	9	26	1.01	219	0.166	<1	2.11	0.010	0.33	0.1	<0.01	2.6	0.2	<0.05	7	<0.5	<0.2
1010861	Soil	14	18	0.92	211	0.087	<1	1.94	0.008	0.35	0.2	<0.01	4.8	0.2	<0.05	7	<0.5	<0.2
1010860	Soil	15	110	1.83	146	0.199	<1	2.21	0.011	0.57	<0.1	<0.01	3.6	0.4	<0.05	7	<0.5	<0.2
1010855	Soil	8	19	0.92	264	0.206	<1	2.14	0.012	0.46	0.1	<0.01	2.4	0.2	<0.05	8	<0.5	<0.2
1010863	Soil	10	18	1.02	430	0.233	1	2.61	0.014	0.46	0.2	<0.01	2.6	0.4	<0.05	10	<0.5	<0.2
1010864	Soil	7	24	1.06	210	0.248	<1	2.15	0.012	0.90	0.2	<0.01	2.3	0.5	<0.05	8	<0.5	<0.2
1010865	Soil	12	17	0.77	193	0.169	<1	1.74	0.010	0.70	0.2	<0.01	2.6	0.3	<0.05	8	<0.5	<0.2
1010868	Soil	2	54	0.53	160	0.053	<1	0.82	0.025	0.06	<0.1	<0.01	6.2	<0.1	<0.05	2	<0.5	<0.2
1010867	Soil	21	16	0.88	207	0.209	<1	2.01	0.011	0.81	0.2	0.02	3.7	0.4	<0.05	9	<0.5	<0.2
1010877	Soil	10	11	1.35	216	0.003	<1	1.82	0.005	0.06	<0.1	<0.01	5.3	<0.1	<0.05	5	<0.5	<0.2
1010876	Soil	35	11	0.14	358	0.008	<1	0.79	0.007	0.21	<0.1	<0.01	3.2	<0.1	<0.05	2	<0.5	<0.2
1010875	Soil	18	26	2.61	196	0.186	1	3.18	0.024	0.28	<0.1	0.01	10.1	0.1	<0.05	9	<0.5	<0.2
1010874	Soil	3	67	0.42	75	0.044	<1	0.78	0.025	0.06	<0.1	<0.01	7.8	<0.1	<0.05	2	<0.5	<0.2

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		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
		Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1010873	Soil		<0.1	144.9	0.9	13	0.2	42.6	13.8	263	1.61	0.9	<0.1	1.4	0.3	14	<0.1	<0.1	<0.1	54	0.59	0.017
1010872	Soil		<0.1	156.3	0.8	14	0.2	54.8	16.6	395	1.88	0.5	<0.1	2.2	0.2	14	<0.1	<0.1	<0.1	62	0.66	0.016
1010871	Soil		0.2	181.5	3.2	44	0.1	72.3	28.9	415	3.14	3.4	0.3	1.5	1.4	25	<0.1	0.2	<0.1	98	0.62	0.031
1010870	Soil		0.1	176.9	1.2	22	<0.1	44.2	20.0	191	1.72	1.6	0.1	1.2	0.7	11	<0.1	<0.1	<0.1	58	0.44	0.021
1010869	Soil		0.2	182.4	1.3	23	<0.1	42.5	19.1	192	1.68	1.4	0.1	0.8	0.6	11	<0.1	<0.1	<0.1	56	0.41	0.022
1010866	Soil		0.5	12.4	5.7	65	<0.1	13.5	10.7	418	3.12	5.1	0.6	1.3	6.8	23	<0.1	0.3	<0.1	57	0.34	0.043
1010879	Soil		0.7	124.0	4.9	76	<0.1	13.3	22.6	948	4.92	1.8	1.3	2.9	7.3	12	<0.1	0.2	<0.1	61	0.37	0.076
1010878	Soil		0.5	46.4	3.1	73	<0.1	14.8	20.4	835	4.39	2.7	0.5	<0.5	6.3	23	<0.1	0.2	<0.1	81	0.48	0.065
1010880	Soil		0.5	36.9	3.8	57	<0.1	15.3	15.8	492	3.33	4.8	0.5	0.8	6.0	18	<0.1	0.3	<0.1	72	0.35	0.046
1054013	Soil		0.6	10.6	3.5	55	<0.1	33.7	20.3	479	3.51	3.8	0.3	0.7	1.6	43	<0.1	0.2	<0.1	84	0.60	0.034
1054014	Soil		0.7	30.1	6.2	64	<0.1	28.9	12.9	332	3.10	9.5	0.4	5.9	3.0	38	<0.1	0.4	0.1	75	0.49	0.029
1054015	Soil		0.3	55.4	4.7	56	0.1	30.1	12.2	349	2.70	4.2	0.9	<0.5	1.8	50	<0.1	0.4	<0.1	64	1.00	0.070
1054016	Soil		0.8	60.0	6.1	78	0.2	39.5	20.2	565	3.86	3.8	0.3	0.9	1.9	40	0.4	0.3	0.1	100	0.70	0.048
1054009	Soil		0.6	20.6	4.5	77	<0.1	25.8	15.7	513	3.45	4.5	0.4	0.8	2.9	59	<0.1	0.3	0.1	72	0.62	0.046
1054010	Soil		0.6	30.0	4.3	70	<0.1	14.7	11.8	439	3.44	5.0	1.0	1.9	4.5	51	<0.1	0.2	<0.1	51	0.49	0.048
1054011	Soil		0.8	53.2	3.2	66	<0.1	46.3	28.0	529	4.46	3.3	0.3	<0.5	2.4	38	<0.1	0.2	<0.1	134	0.64	0.059
1054021	Soil		0.3	76.0	2.0	73	<0.1	49.0	27.7	793	4.38	3.2	0.6	2.9	2.1	47	<0.1	0.3	<0.1	123	0.81	0.062
1054012	Soil		0.6	48.6	5.5	76	<0.1	29.5	17.1	518	3.86	6.1	0.4	1.3	2.9	43	<0.1	0.4	0.1	79	0.78	0.067
1054006	Soil		0.5	41.4	3.4	98	<0.1	30.9	20.4	704	4.60	3.7	0.5	3.2	3.8	31	<0.1	0.2	<0.1	88	0.57	0.103
1054005	Soil		0.6	76.5	2.7	93	<0.1	21.3	18.3	686	4.37	2.5	0.8	<0.5	3.2	31	<0.1	0.1	<0.1	89	0.45	0.084
1054020	Soil		0.3	80.7	2.8	73	<0.1	50.4	28.9	725	4.63	5.2	0.5	3.0	2.4	50	<0.1	0.4	<0.1	127	0.76	0.051
1054007	Soil		0.6	35.0	5.4	70	<0.1	31.6	18.4	455	4.20	8.4	1.1	1.9	4.8	30	<0.1	0.3	0.1	88	0.37	0.053
1054008	Soil		1.2	16.2	7.4	58	<0.1	17.6	13.4	608	3.20	5.0	0.4	0.6	2.7	35	<0.1	0.3	0.1	68	0.46	0.034
1054037	Soil		1.0	34.8	5.0	220	<0.1	19.2	19.7	1137	7.01	3.6	1.1	5.1	4.7	26	0.2	0.3	<0.1	166	0.65	0.140
1054035	Soil		2.3	51.4	10.5	191	0.2	19.0	13.2	1195	6.13	8.8	2.1	10.1	3.4	48	0.4	0.6	0.1	64	0.70	0.116
1054034	Soil		1.0	49.7	8.3	293	0.1	28.3	19.5	1841	6.40	4.7	0.8	1.2	3.0	23	0.2	0.3	<0.1	124	0.42	0.060
1054036	Soil		1.2	20.1	4.6	172	0.1	6.1	6.3	850	7.08	2.6	1.1	2.6	4.9	31	0.1	0.4	<0.1	41	0.27	0.085
1054019	Soil		0.3	43.6	2.5	61	<0.1	31.5	19.1	361	3.11	2.6	0.3	0.6	2.3	38	<0.1	0.4	<0.1	78	0.45	0.059
1054022	Soil		0.6	57.6	9.3	79	<0.1	28.3	17.6	353	3.46	4.4	0.5	<0.5	2.4	51	<0.1	0.3	<0.1	78	0.66	0.054
1054031	Soil		0.8	25.8	10.0	99	0.1	24.6	15.4	768	4.15	3.4	0.7	0.8	6.3	19	0.2	0.4	0.1	61	0.45	0.049

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000871.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1010873	Soil	2	110	1.31	109	0.104	<1	0.98	0.043	0.19	<0.1	0.02	12.3	<0.1	<0.05	2	<0.5	<0.2
1010872	Soil	1	160	1.82	160	0.123	<1	1.15	0.041	0.25	<0.1	0.02	14.8	<0.1	<0.05	3	<0.5	<0.2
1010871	Soil	5	123	2.23	417	0.180	<1	2.26	0.022	0.45	<0.1	0.01	8.1	0.2	<0.05	6	<0.5	<0.2
1010870	Soil	3	29	1.13	146	0.138	<1	1.24	0.035	0.39	<0.1	<0.01	4.9	<0.1	<0.05	3	<0.5	<0.2
1010869	Soil	3	28	1.11	149	0.134	<1	1.19	0.035	0.38	<0.1	<0.01	4.6	<0.1	<0.05	3	<0.5	<0.2
1010866	Soil	13	23	0.73	198	0.152	<1	1.81	0.010	0.45	0.1	<0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1010879	Soil	24	18	1.63	342	0.092	<1	2.43	0.008	0.60	0.1	0.03	3.4	0.2	<0.05	6	<0.5	<0.2
1010878	Soil	11	26	1.96	249	0.188	<1	2.72	0.007	0.63	<0.1	<0.01	2.5	0.2	<0.05	7	<0.5	<0.2
1010880	Soil	16	28	1.32	251	0.189	<1	2.12	0.010	0.93	0.1	<0.01	3.4	0.2	<0.05	6	<0.5	<0.2
1054013	Soil	4	38	1.68	200	0.136	<1	2.52	0.016	0.14	<0.1	<0.01	5.5	<0.1	<0.05	8	<0.5	<0.2
1054014	Soil	7	38	0.89	243	0.120	<1	2.12	0.017	0.09	0.2	<0.01	4.6	<0.1	<0.05	6	<0.5	<0.2
1054015	Soil	9	44	1.00	254	0.065	<1	1.80	0.018	0.08	0.1	0.04	5.2	<0.1	<0.05	6	<0.5	<0.2
1054016	Soil	6	50	1.30	345	0.090	2	2.58	0.015	0.11	0.1	0.03	4.2	<0.1	<0.05	8	<0.5	<0.2
1054009	Soil	7	26	1.24	352	0.088	<1	2.42	0.013	0.23	0.2	<0.01	3.3	0.1	<0.05	7	<0.5	<0.2
1054010	Soil	16	16	0.98	255	0.141	<1	2.11	0.008	0.32	0.2	0.01	3.5	<0.1	<0.05	8	<0.5	<0.2
1054011	Soil	4	40	2.12	187	0.078	<1	3.31	0.017	0.07	<0.1	<0.01	7.0	<0.1	<0.05	9	<0.5	<0.2
1054021	Soil	11	89	2.45	283	0.152	<1	3.08	0.016	0.14	0.2	0.01	10.2	<0.1	<0.05	9	<0.5	<0.2
1054012	Soil	8	39	1.38	244	0.096	<1	2.52	0.019	0.13	0.1	0.02	4.5	<0.1	<0.05	8	<0.5	<0.2
1054006	Soil	11	24	1.86	423	0.136	<1	2.78	0.011	0.43	0.4	0.02	4.2	0.1	<0.05	9	<0.5	<0.2
1054005	Soil	9	25	1.35	565	0.174	<1	2.58	0.010	1.09	0.2	0.02	3.8	0.2	<0.05	9	<0.5	<0.2
1054020	Soil	10	74	2.54	247	0.182	<1	3.27	0.016	0.15	0.2	0.01	10.3	<0.1	<0.05	9	<0.5	<0.2
1054007	Soil	16	37	1.37	256	0.197	<1	2.61	0.014	0.36	0.1	0.02	5.5	0.1	<0.05	8	<0.5	<0.2
1054008	Soil	7	28	0.67	362	0.073	<1	2.22	0.011	0.14	0.2	0.02	3.3	<0.1	<0.05	7	<0.5	<0.2
1054037	Soil	19	30	1.70	388	0.246	<1	2.83	0.017	0.91	<0.1	0.02	12.7	0.3	<0.05	12	0.5	<0.2
1054035	Soil	16	27	0.71	314	0.094	2	2.19	0.030	0.32	0.1	0.05	9.0	0.2	0.07	9	0.9	<0.2
1054034	Soil	15	64	1.96	351	0.229	<1	3.22	0.013	1.45	0.1	0.02	8.7	1.2	<0.05	14	0.6	<0.2
1054036	Soil	33	12	0.92	402	0.080	<1	2.20	0.026	0.74	0.2	0.02	7.7	0.2	0.33	11	0.6	<0.2
1054019	Soil	5	23	1.72	134	0.065	<1	2.41	0.007	0.22	<0.1	<0.01	3.5	<0.1	<0.05	7	<0.5	<0.2
1054022	Soil	7	52	1.22	265	0.115	1	2.40	0.016	0.26	<0.1	0.01	4.7	<0.1	<0.05	7	<0.5	<0.2
1054031	Soil	12	57	0.94	267	0.049	2	2.14	0.008	0.46	0.2	0.02	5.9	0.2	<0.05	8	<0.5	<0.2

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Project: PED
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000871.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
1054028	Soil	0.6	210.8	1.2	44	0.1	46.0	56.0	629	5.77	2.2	0.5	2.1	1.5	85	<0.1	0.1	<0.1	145	2.16	0.591
1054027	Soil	1.0	69.4	7.0	120	0.2	36.8	22.0	577	4.59	8.4	0.7	1.8	3.7	41	<0.1	0.3	0.1	90	0.71	0.127
1054033	Soil	0.7	38.1	29.3	811	<0.1	16.6	11.6	1766	5.63	8.3	1.0	3.6	5.7	23	0.5	2.6	<0.1	55	0.49	0.100
1054032	Soil	1.3	37.1	20.9	333	<0.1	18.7	14.0	751	4.70	9.1	1.1	2.9	8.6	15	0.5	5.6	0.1	68	0.29	0.043
1054018	Soil	0.3	58.8	2.5	58	<0.1	37.4	19.3	396	3.46	3.2	0.3	<0.5	2.2	29	<0.1	0.2	<0.1	92	0.60	0.073
1054029	Soil	0.8	9.5	3.3	96	<0.1	9.5	13.8	592	3.39	1.4	0.4	0.7	3.4	18	<0.1	0.2	<0.1	50	0.39	0.042
1054030	Soil	0.7	14.6	3.7	66	0.1	6.9	9.6	562	2.76	<0.5	0.4	2.2	3.0	18	<0.1	0.1	<0.1	35	0.50	0.087
1054017	Soil	0.5	47.8	4.8	52	0.1	26.2	11.0	350	2.66	3.6	0.4	1.8	1.5	41	<0.1	0.3	<0.1	67	0.97	0.060
1054023	Soil	0.7	21.3	5.7	55	<0.1	22.2	12.7	291	3.30	5.1	0.3	0.8	2.4	17	<0.1	0.3	<0.1	79	0.20	0.016
1054024	Soil	0.5	54.5	3.1	64	<0.1	42.4	19.0	473	3.42	3.2	0.4	0.6	1.7	30	<0.1	0.3	<0.1	77	0.68	0.094
1054025	Soil	0.6	45.7	3.6	70	<0.1	27.2	18.3	416	3.89	3.2	0.3	<0.5	1.2	20	<0.1	0.2	<0.1	81	0.59	0.056
1054026	Soil	0.4	37.0	2.7	43	<0.1	19.0	9.8	576	1.85	1.9	1.1	0.7	0.5	55	0.2	0.4	<0.1	42	2.65	0.076

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Project: PED
Report Date: August 15, 2011

CERTIFICATE OF ANALYSIS WHI11000871.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1054028	Soil	7	88	1.46	139	0.086	<1	1.72	0.101	0.12	<0.1	0.02	13.1	<0.1	<0.05	6	0.7	<0.2
1054027	Soil	12	64	1.27	277	0.148	1	2.54	0.030	0.35	0.1	0.02	7.6	0.1	<0.05	8	0.6	<0.2
1054033	Soil	46	20	0.92	221	0.113	4	2.43	0.019	0.70	0.1	0.04	11.8	0.3	<0.05	13	1.1	<0.2
1054032	Soil	23	38	0.66	245	0.022	2	2.01	0.008	0.14	0.1	0.02	9.8	0.3	<0.05	7	0.6	<0.2
1054018	Soil	6	49	1.72	148	0.119	<1	2.39	0.017	0.29	<0.1	0.01	4.9	<0.1	<0.05	7	<0.5	<0.2
1054029	Soil	10	16	0.86	236	0.089	<1	1.99	0.008	0.44	<0.1	<0.01	2.8	<0.1	<0.05	6	<0.5	<0.2
1054030	Soil	14	8	0.67	218	0.049	<1	1.36	0.006	0.25	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
1054017	Soil	7	37	0.87	285	0.074	<1	1.67	0.018	0.13	0.2	0.04	3.7	<0.1	<0.05	5	0.6	<0.2
1054023	Soil	7	39	0.88	205	0.122	1	2.15	0.011	0.14	<0.1	0.01	3.8	<0.1	<0.05	7	<0.5	<0.2
1054024	Soil	7	55	1.42	286	0.082	<1	2.15	0.016	0.14	<0.1	0.02	6.0	<0.1	<0.05	6	<0.5	<0.2
1054025	Soil	3	43	1.36	208	0.062	<1	2.24	0.013	0.08	<0.1	0.01	5.0	<0.1	<0.05	7	<0.5	<0.2
1054026	Soil	8	26	0.60	408	0.024	2	1.15	0.016	0.06	0.1	0.05	2.9	<0.1	0.13	4	0.7	<0.2

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Project: PED
Report Date: August 15, 2011

QUALITY CONTROL REPORT WHI11000871.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001
Pulp Duplicates																					
1013489	Soil	0.7	26.3	4.1	83	<0.1	33.9	25.7	761	6.11	7.1	0.7	1.1	2.8	38	0.1	0.5	<0.1	178	0.61	0.053
REP 1013489	QC	0.8	25.9	4.1	84	<0.1	32.5	25.1	740	5.86	6.9	0.7	<0.5	2.9	37	0.1	0.4	<0.1	176	0.59	0.055
1012896	Soil	0.3	47.7	1.8	51	<0.1	13.0	25.5	853	4.77	2.1	0.2	1.9	0.6	28	<0.1	0.4	<0.1	168	0.64	0.085
REP 1012896	QC	0.3	45.3	1.8	51	<0.1	12.3	24.5	814	4.53	2.2	0.2	1.3	0.6	27	<0.1	0.4	<0.1	162	0.64	0.085
1010863	Soil	0.4	12.5	7.8	251	0.2	12.0	14.7	1192	4.00	3.2	0.8	1.0	5.4	33	0.3	0.2	<0.1	64	0.52	0.125
REP 1010863	QC	0.4	12.0	7.7	245	0.2	11.4	14.3	1167	3.89	2.9	0.7	<0.5	5.3	31	0.3	0.2	<0.1	60	0.52	0.123
1010880	Soil	0.5	36.9	3.8	57	<0.1	15.3	15.8	492	3.33	4.8	0.5	0.8	6.0	18	<0.1	0.3	<0.1	72	0.35	0.046
REP 1010880	QC	0.6	37.0	3.8	57	<0.1	15.8	16.0	490	3.35	4.8	0.5	<0.5	5.9	18	<0.1	0.3	<0.1	72	0.34	0.045
1054012	Soil	0.6	48.6	5.5	76	<0.1	29.5	17.1	518	3.86	6.1	0.4	1.3	2.9	43	<0.1	0.4	0.1	79	0.78	0.067
REP 1054012	QC	0.6	49.5	5.7	78	<0.1	30.4	17.7	535	3.91	6.3	0.4	5.2	3.1	45	<0.1	0.4	<0.1	79	0.80	0.068
1054030	Soil	0.7	14.6	3.7	66	0.1	6.9	9.6	562	2.76	<0.5	0.4	2.2	3.0	18	<0.1	0.1	<0.1	35	0.50	0.087
REP 1054030	QC	0.6	16.1	3.9	71	0.1	6.8	10.4	594	2.92	0.6	0.5	0.9	3.0	20	<0.1	0.2	<0.1	37	0.52	0.086
Reference Materials																					
STD DS8	Standard	14.3	113.3	140.9	325	1.9	42.3	8.3	686	2.75	27.7	2.9	124.2	7.1	77	2.5	5.7	7.3	48	0.78	0.085
STD DS8	Standard	12.4	108.2	120.6	305	1.7	37.8	7.3	599	2.38	25.7	2.7	131.2	6.7	67	2.3	5.6	6.5	40	0.70	0.078
STD DS8	Standard	12.1	112.2	107.8	317	1.8	38.3	7.8	642	2.53	26.3	2.4	117.8	5.6	58	2.2	5.1	5.9	41	0.69	0.083
STD DS8	Standard	11.9	110.4	123.4	302	1.7	38.1	7.5	599	2.43	26.1	2.5	104.7	6.4	67	2.1	5.2	6.4	40	0.65	0.081
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001

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

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: PED
Report Date: August 15, 2011

QUALITY CONTROL REPORT WHI11000871.1

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
1013489	Soil	8	76	2.42	260	0.099	<1	3.08	0.015	0.04	0.3	0.02	16.0	<0.1	<0.05	12	<0.5	<0.2
REP 1013489	QC	8	73	2.35	255	0.093	<1	3.00	0.014	0.04	0.2	0.02	15.3	<0.1	<0.05	12	<0.5	<0.2
1012896	Soil	3	15	1.12	93	0.054	<1	2.15	0.037	0.06	<0.1	<0.01	9.3	<0.1	<0.05	7	<0.5	<0.2
REP 1012896	QC	3	15	1.08	95	0.055	<1	2.18	0.037	0.06	<0.1	<0.01	8.9	<0.1	<0.05	7	<0.5	<0.2
1010863	Soil	10	18	1.02	430	0.233	1	2.61	0.014	0.46	0.2	<0.01	2.6	0.4	<0.05	10	<0.5	<0.2
REP 1010863	QC	9	17	0.98	414	0.219	1	2.52	0.014	0.44	0.2	0.01	2.6	0.3	<0.05	9	0.5	<0.2
1010880	Soil	16	28	1.32	251	0.189	<1	2.12	0.010	0.93	0.1	<0.01	3.4	0.2	<0.05	6	<0.5	<0.2
REP 1010880	QC	15	27	1.32	251	0.187	<1	2.08	0.009	0.91	0.1	<0.01	3.3	0.2	<0.05	6	<0.5	<0.2
1054012	Soil	8	39	1.38	244	0.096	<1	2.52	0.019	0.13	0.1	0.02	4.5	<0.1	<0.05	8	<0.5	<0.2
REP 1054012	QC	9	40	1.39	251	0.100	<1	2.58	0.018	0.13	0.2	0.02	4.5	<0.1	<0.05	8	<0.5	<0.2
1054030	Soil	14	8	0.67	218	0.049	<1	1.36	0.006	0.25	<0.1	0.02	2.3	<0.1	<0.05	5	<0.5	<0.2
REP 1054030	QC	14	8	0.69	225	0.052	<1	1.46	0.006	0.25	<0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																		
STD DS8	Standard	16	130	0.68	313	0.124	3	1.07	0.107	0.49	3.1	0.21	2.3	5.9	0.15	5	5.3	5.2
STD DS8	Standard	14	115	0.59	274	0.118	2	0.89	0.089	0.40	2.9	0.19	2.3	5.2	0.15	5	4.6	4.6
STD DS8	Standard	12	122	0.62	269	0.106	2	0.90	0.084	0.43	3.1	0.19	2.1	5.5	0.14	5	5.4	4.7
STD DS8	Standard	12	111	0.57	270	0.113	2	0.90	0.086	0.42	2.8	0.20	2.3	5.5	0.13	5	4.6	4.8
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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Appendix V - Rock Assay Certificates

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

www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 13, 2011
Report Date: December 04, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS VAN11002609.2

CLIENT JOB INFORMATION

Project: BRIDGET
Shipment ID:
P.O. Number
Number of Samples: 41

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	41	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3A	41	Ignite samples, acid digest, Au by ICP-MS analysis	15	Completed	VAN
1DD	41	1:1:1 Aqua Regia digestion ICP-ES analysis	0.5	Completed	VAN
7KP1	1	Phosphoric acid leach, ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2; 7KP analysis included

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS VAN11002609.2

	Method	WGHT	3A	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
1111001	Rock	1.27	1.0	1	11	13	34	<0.3	<1	<1	32	0.67	<2	<8	<2	<2	15	<0.5	<3	<3	1
1111002	Rock	0.69	0.8	4	13	10	28	<0.3	8	1	158	0.65	8	<8	<2	2	87	0.5	<3	<3	5
1111003	Rock	0.90	0.8	<1	14	<3	37	<0.3	<1	2	445	1.82	<2	<8	<2	6	8	<0.5	<3	<3	33
1111004	Rock	0.85	1.1	<1	3	<3	24	<0.3	<1	<1	276	0.19	<2	<8	<2	9	5	0.7	<3	<3	<1
1111005	Rock	0.82	4.9	5	11	119	12	2.2	<1	<1	214	1.28	<2	<8	2	6	8	<0.5	<3	<3	15
1111006	Rock	0.86	<0.5	<1	2	6	16	<0.3	<1	<1	108	0.15	<2	<8	<2	9	4	<0.5	<3	<3	<1
1111007	Rock	1.28	<0.5	<1	15	8	38	0.3	4	4	162	1.41	<2	<8	2	5	9	0.5	<3	<3	14
1111008	Rock	2.18	0.6	<1	27	61	120	4.2	2	8	717	2.67	<2	<8	<2	<2	34	<0.5	<3	11	44
1111009	Rock	2.24	<0.5	2	16	<3	89	<0.3	<1	4	657	2.71	<2	<8	<2	3	10	<0.5	<3	<3	45
1111010	Rock	1.47	1.1	<1	7	11	1	<0.3	<1	<1	28	0.35	<2	11	<2	18	3	<0.5	<3	<3	<1
1111011	Rock	1.52	<0.5	17	10	13	5	<0.3	1	<1	218	0.54	<2	11	<2	15	6	<0.5	<3	5	2
1111012	Rock	0.80	2.7	38	150	83	88	2.8	8	13	580	2.83	<2	<8	<2	<2	109	1.0	3	97	72
1111014	Rock	1.88	<0.5	136	18	5	7	<0.3	<1	<1	78	0.68	<2	<8	<2	2	3	<0.5	<3	<3	20
1111015	Rock	1.04	<0.5	4	26	<3	167	<0.3	3	13	1068	4.88	<2	<8	<2	<2	10	<0.5	<3	<3	141
1111016	Rock	2.45	0.8	83	160	<3	88	0.4	<1	5	626	3.61	<2	<8	<2	3	9	<0.5	<3	<3	57
1111017	Rock	2.34	<0.5	<1	28	4	55	<0.3	8	5	253	0.69	<2	<8	<2	<2	56	1.6	<3	<3	25
1111018	Rock	2.16	<0.5	11	276	19	137	0.5	7	4	195	1.08	<2	<8	<2	<2	55	1.3	<3	20	28
1111019	Rock	1.54	<0.5	13	57	6	13	<0.3	2	1	95	0.82	<2	<8	<2	<2	17	<0.5	<3	<3	14
1111051	Rock	1.97	<0.5	10	29	3	108	<0.3	19	4	293	1.08	<2	<8	<2	<2	33	2.0	<3	<3	13
1111052	Rock	1.07	<0.5	<1	1	4	<1	<0.3	<1	<1	17	0.19	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
1111053	Rock	1.01	<0.5	<1	5	12	43	<0.3	<1	<1	236	0.57	5	<8	<2	11	9	1.3	<3	<3	4
1111054	Rock	1.91	0.8	5	77	5	19	0.4	16	8	105	3.39	16	<8	<2	5	31	<0.5	<3	<3	17
1111055	Rock	1.51	<0.5	<1	6	71	8	1.5	<1	<1	90	0.30	2	13	<2	18	3	<0.5	<3	4	<1
1111056	Rock	0.86	0.8	<1	19	4	80	<0.3	5	10	496	3.38	<2	<8	<2	<2	17	<0.5	<3	<3	58
1111064	Rock	0.91	<0.5	<1	2	12	28	<0.3	<1	<1	123	0.15	3	9	<2	8	6	<0.5	<3	<3	<1
1111065	Rock	0.97	<0.5	<1	4	9	22	1.4	<1	<1	124	0.22	5	<8	<2	8	2	<0.5	<3	<3	<1
1111066	Rock	1.24	<0.5	<1	9	4	15	<0.3	<1	<1	140	0.47	<2	<8	<2	6	8	<0.5	<3	<3	<1
1111067	Rock	0.78	<0.5	<1	14	17	96	<0.3	24	8	728	3.07	<2	<8	<2	<2	15	0.5	<3	<3	63
1111068	Rock	2.04	<0.5	<1	19	15	18	0.5	<1	<1	135	0.80	<2	<8	<2	6	22	<0.5	<3	<3	3
580501	Rock	1.06	<0.5	43	50	6	15	<0.3	4	2	149	1.42	3	<8	<2	8	26	<0.5	<3	<3	29

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS VAN11002609.2

		Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7KP
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	W
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%
		MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.005
1111001	Rock		0.06	0.019	2	2	0.02	65	<0.01	<20	0.29	0.06	0.06	2	<0.05	N.A.
1111002	Rock		4.63	0.024	2	5	0.09	36	0.02	<20	0.26	0.02	0.05	2	0.06	N.A.
1111003	Rock		0.17	0.023	4	7	0.56	98	0.11	<20	0.92	0.05	0.49	<2	0.15	N.A.
1111004	Rock		0.17	<0.001	3	1	0.01	27	<0.01	<20	0.18	0.04	0.13	2	<0.05	N.A.
1111005	Rock		0.13	0.020	5	3	0.23	27	0.10	<20	0.39	0.05	0.20	69	0.26	N.A.
1111006	Rock		0.14	0.002	3	2	0.02	16	<0.01	<20	0.30	0.03	0.18	2	<0.05	N.A.
1111007	Rock		0.18	0.016	7	9	0.35	99	0.07	<20	0.55	0.06	0.21	7	0.67	N.A.
1111008	Rock		0.47	0.073	1	2	1.29	491	0.23	<20	1.77	0.03	1.01	56	0.22	N.A.
1111009	Rock		0.16	0.045	4	2	1.01	157	0.14	<20	1.32	0.06	0.94	25	0.77	N.A.
1111010	Rock		0.04	<0.001	4	3	<0.01	56	<0.01	<20	0.14	0.05	0.11	54	0.19	N.A.
1111011	Rock		0.13	0.008	4	3	0.02	183	<0.01	<20	0.18	0.04	0.13	<2	0.38	N.A.
1111012	Rock		1.27	0.103	2	7	0.85	49	0.15	<20	1.39	0.20	0.25	14	0.17	N.A.
1111014	Rock		0.02	0.007	2	5	0.16	63	0.01	<20	0.26	0.01	0.17	2	<0.05	N.A.
1111015	Rock		0.24	0.111	6	7	1.40	624	0.37	<20	2.26	0.06	1.79	2	0.10	N.A.
1111016	Rock		0.21	0.090	6	2	0.74	234	0.17	<20	1.10	0.05	0.83	25	0.79	N.A.
1111017	Rock		1.34	0.064	1	24	0.27	30	0.09	<20	0.70	0.03	0.03	28	<0.05	N.A.
1111018	Rock		1.26	0.134	<1	40	0.16	42	0.08	<20	0.79	0.02	0.05	18	<0.05	N.A.
1111019	Rock		0.14	0.037	5	4	0.16	210	0.03	<20	0.41	0.07	0.14	4	<0.05	N.A.
1111051	Rock		1.14	0.036	4	7	0.10	33	0.07	<20	0.63	<0.01	<0.01	6	0.26	N.A.
1111052	Rock		<0.01	<0.001	<1	4	<0.01	2	<0.01	<20	0.02	<0.01	<0.01	<2	<0.05	N.A.
1111053	Rock		0.14	0.014	9	3	0.10	49	0.01	<20	0.44	0.04	0.19	<2	0.08	N.A.
1111054	Rock		0.30	0.058	11	11	0.18	91	0.12	<20	0.49	0.06	0.13	<2	1.52	N.A.
1111055	Rock		0.06	<0.001	3	5	<0.01	21	<0.01	<20	0.15	0.05	0.12	86	0.13	N.A.
1111056	Rock		0.28	0.109	2	5	0.99	290	0.10	<20	1.36	0.03	0.34	68	0.62	N.A.
1111064	Rock		0.20	0.003	2	2	0.01	12	<0.01	<20	0.52	0.05	0.19	<2	<0.05	N.A.
1111065	Rock		0.06	0.003	3	1	0.01	21	<0.01	<20	0.25	0.03	0.19	<2	<0.05	N.A.
1111066	Rock		0.04	0.006	4	2	0.08	47	<0.01	<20	0.33	0.04	0.16	<2	<0.05	N.A.
1111067	Rock		1.14	0.177	5	96	2.05	499	0.17	<20	2.20	0.12	1.18	5	0.14	N.A.
1111068	Rock		0.18	0.013	13	2	0.20	74	0.04	<20	0.59	0.04	0.20	17	0.18	N.A.
580501	Rock		0.21	0.037	9	7	0.56	498	0.07	<20	0.74	0.06	0.29	2	0.53	N.A.

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

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS VAN11002609.2

	Method	WGHT	3A	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
580502	Rock	1.70	<0.5	13	29	7	10	<0.3	<1	<1	156	0.28	4	<8	<2	12	4	<0.5	<3	<3	<1
580503	Rock	1.44	<0.5	2	6	5	6	<0.3	<1	<1	57	0.28	<2	<8	<2	8	3	<0.5	<3	<3	<1
580504	Rock	1.29	<0.5	69	120	<3	55	<0.3	7	16	493	4.43	3	<8	<2	<2	8	<0.5	<3	<3	64
580505	Rock	1.90	<0.5	9	8	34	9	1.0	<1	<1	41	0.66	<2	<8	<2	11	4	<0.5	<3	16	2
1111057	Rock	2.18	1.3	5	51	62	87	0.7	13	<1	57	1.41	173	<8	<2	9	5	0.7	<3	<3	7
1111058	Rock	1.33	72.8	7	20	866	106	16.2	6	<1	224	0.52	77	<8	<2	3	5	2.2	<3	4	7
1111059	Rock	1.87	17.9	7	9	273	32	0.9	1	<1	26	0.52	57	<8	<2	3	4	<0.5	<3	<3	1
1111060	Rock	1.72	0.8	5	11	7	21	<0.3	9	2	66	0.85	<2	<8	<2	5	12	<0.5	<3	<3	32
1111061	Rock	1.16	<0.5	15	5	7	3	<0.3	<1	<1	29	0.38	2	<8	<2	<2	11	<0.5	<3	<3	1
1111062	Rock	1.94	0.5	6	12	<3	28	<0.3	23	4	107	0.91	<2	<8	<2	2	8	<0.5	<3	<3	16
1111063	Rock	2.02	<0.5	108	10	197	17	2.1	<1	<1	64	3.49	4	<8	<2	6	51	<0.5	<3	8	18

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS VAN11002609.2

	Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%
	MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.005
580502	Rock	0.04	0.006	5	1	0.01	23	<0.01	<20	0.19	0.04	0.12	<2	<0.05	N.A.
580503	Rock	0.01	<0.001	3	2	0.01	13	<0.01	<20	0.21	0.05	0.14	5	<0.05	N.A.
580504	Rock	0.21	0.086	6	11	0.88	83	0.07	<20	1.63	0.03	0.72	3	1.06	N.A.
580505	Rock	0.03	0.028	7	2	0.02	28	<0.01	<20	0.26	0.03	0.19	24	<0.05	N.A.
1111057	Rock	0.04	0.022	7	8	0.06	59	<0.01	<20	0.53	<0.01	0.28	9	<0.05	N.A.
1111058	Rock	0.28	0.024	9	5	0.04	29	<0.01	<20	0.27	<0.01	0.15	>100	<0.05	0.056
1111059	Rock	<0.01	0.005	5	5	<0.01	43	<0.01	<20	0.15	<0.01	0.13	5	0.08	N.A.
1111060	Rock	0.18	0.028	6	21	0.22	53	0.11	<20	0.44	0.04	0.16	6	0.14	N.A.
1111061	Rock	0.06	0.004	<1	3	0.02	61	<0.01	<20	0.23	0.05	0.08	<2	<0.05	N.A.
1111062	Rock	0.28	0.015	3	11	0.10	45	0.06	<20	0.36	0.03	0.06	<2	0.26	N.A.
1111063	Rock	0.01	0.058	29	15	0.06	135	0.03	<20	0.30	0.05	0.79	83	1.13	N.A.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT VAN11002609.2

	Method	WGHT	3A	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	1	1	3	1	0.3	1	1	2	0.01	2	8	2	2	1	0.5	3	3	1
Pulp Duplicates																					
1111018	Rock	2.16	<0.5	11	276	19	137	0.5	7	4	195	1.08	<2	<8	<2	<2	55	1.3	<3	20	28
REP 1111018	QC		<0.5																		
1111065	Rock	0.97	<0.5	<1	4	9	22	1.4	<1	<1	124	0.22	5	<8	<2	8	2	<0.5	<3	<3	<1
REP 1111065	QC			<1	4	10	22	1.3	<1	<1	123	0.21	6	9	<2	8	2	<0.5	<3	<3	<1
1111062	Rock	1.94	0.5	6	12	<3	28	<0.3	23	4	107	0.91	<2	<8	<2	2	8	<0.5	<3	<3	16
REP 1111062	QC		<0.5																		
Core Reject Duplicates																					
1111052	Rock	1.07	<0.5	<1	1	4	<1	<0.3	<1	<1	17	0.19	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
DUP 1111052	QC		<0.5	<1	2	<3	<1	<0.3	<1	<1	25	0.24	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
Reference Materials																					
STD CDN-GS-P3A	Standard		358.6																		
STD CDN-GS-P3A	Standard		376.1																		
STD DS8	Standard			13	103	105	305	1.5	37	7	587	2.34	20	<8	<2	6	63	2.0	5	<3	39
STD DS8	Standard			14	118	126	319	1.4	40	7	594	2.48	29	<8	<2	7	69	2.4	7	6	43
STD NBLG	Standard																				
STD OREAS45CA	Standard			<1	443	15	63	<0.3	219	87	899	14.32	5	<8	2	5	15	<0.5	<3	<3	185
STD OREAS45CA	Standard			2	519	19	65	<0.3	250	88	904	16.34	5	<8	<2	7	15	<0.5	7	<3	214
STD W107	Standard																				
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	0.107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	0.043	7	15	0.1	0.13	0.19	215
STD CDN-GS-P3A Expected			338																		
STD W107 Expected																					
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		
BLK	Blank			<1	<1	<3	<1	<0.3	<1	<1	<2	<0.01	<2	<8	<2	<2	<1	<0.5	<3	<3	<1
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT VAN11002609.2

		Method	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	1D	7KP
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	S	W
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	%	%
		MDL	0.01	0.001	1	1	0.01	1	0.01	20	0.01	0.01	0.01	2	0.05	0.005
Pulp Duplicates																
1111018	Rock		1.26	0.134	<1	40	0.16	42	0.08	<20	0.79	0.02	0.05	18	<0.05	N.A.
REP 1111018	QC															
1111065	Rock		0.06	0.003	3	1	0.01	21	<0.01	<20	0.25	0.03	0.19	<2	<0.05	N.A.
REP 1111065	QC		0.06	0.002	3	<1	0.01	21	<0.01	<20	0.25	0.03	0.18	<2	<0.05	
1111062	Rock		0.28	0.015	3	11	0.10	45	0.06	<20	0.36	0.03	0.06	<2	0.26	N.A.
REP 1111062	QC															
Core Reject Duplicates																
1111052	Rock		<0.01	<0.001	<1	4	<0.01	2	<0.01	<20	0.02	<0.01	<0.01	<2	<0.05	N.A.
DUP 1111052	QC		0.01	<0.001	<1	4	<0.01	2	<0.01	<20	0.02	<0.01	<0.01	<2	<0.05	N.A.
Reference Materials																
STD CDN-GS-P3A	Standard															
STD CDN-GS-P3A	Standard															
STD DS8	Standard		0.67	0.078	13	110	0.59	283	0.10	<20	0.86	0.08	0.40	3	0.16	
STD DS8	Standard		0.72	0.082	14	116	0.61	295	0.11	<20	0.92	0.09	0.42	3	0.16	
STD NBLG	Standard															<0.005
STD OREAS45CA	Standard		0.43	0.039	16	642	0.13	159	0.09	<20	3.45	<0.01	0.07	3	<0.05	
STD OREAS45CA	Standard		0.44	0.037	17	759	0.13	163	0.14	<20	3.60	0.01	0.07	<2	<0.05	
STD W107	Standard															0.422
STD DS8 Expected			0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.1679	
STD OREAS45CA Expected			0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.021	
STD CDN-GS-P3A Expected																
STD W107 Expected																0.42
BLK	Blank		<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2	<0.05	
BLK	Blank															
BLK	Blank															
BLK	Blank		<0.01	<0.001	<1	<1	<0.01	<1	<0.01	<20	<0.01	<0.01	<0.01	<2	<0.05	
BLK	Blank															
BLK	Blank															

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT VAN11002609.2

		WGHT Wgt kg 0.01	3A Au ppb 0.5	1D Mo ppm 1	1D Cu ppm 1	1D Pb ppm 3	1D Zn ppm 1	1D Ag ppm 0.3	1D Ni ppm 1	1D Co ppm 1	1D Mn ppm 2	1D Fe % 0.01	1D As ppm 2	1D U ppm 8	1D Au ppm 2	1D Th ppm 2	1D Sr ppm 1	1D Cd ppm 0.5	1D Sb ppm 3	1D Bi ppm 3	1D V ppm 1
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	0.8	<1	<1	<3	47	<0.3	3	3	549	1.83	<2	<8	<2	4	77	<0.5	<3	<3	36
G1	Prep Blank	<0.01	1.0	<1	<1	<3	45	<0.3	3	3	547	1.84	<2	<8	<2	5	78	<0.5	<3	<3	35

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Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT VAN11002609.2

		1D Ca % 0.01	1D P % 0.001	1D La ppm 1	1D Cr ppm 1	1D Mg % 0.01	1D Ba ppm 1	1D Ti % 0.01	1D B ppm 20	1D Al % 0.01	1D Na % 0.01	1D K % 0.01	1D W ppm 2	1D S % 0.05	7KP W % 0.005
BLK	Blank														<0.005
Prep Wash															
G1	Prep Blank	0.44	0.076	8	7	0.57	214	0.12	<20	0.95	0.07	0.49	2	<0.05	N.A.
G1	Prep Blank	0.43	0.078	8	7	0.57	210	0.12	<20	0.93	0.07	0.49	3	<0.05	N.A.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 20, 2011
Report Date: December 13, 2011
Page: 1 of 4

CERTIFICATE OF ANALYSIS WHI11000261.3

CLIENT JOB INFORMATION

Project: BRIDGET
Shipment ID:
P.O. Number
Number of Samples: 68

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	68	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B01	68	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX2	68	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7KP1	1	Phosphoric acid leach, ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 3; 7KP analysis included

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000261.3

Method		WGHT	3B	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
[redacted]																					
580534	Rock	1.21	<2	21.2	16.4	12.3	12	<0.1	0.7	0.7	108	0.49	1.1	2.8	0.6	10.7	9	<0.1	<0.1	1.9	6
580535	Rock	1.51	<2	1571	18.3	83.2	2	0.5	0.9	0.4	50	1.28	<0.5	0.8	<0.5	2.6	32	<0.1	0.9	>2000	5
580536	Rock	1.62	<2	21.0	207.6	21.7	8	0.4	0.5	0.4	132	0.36	3.9	4.4	<0.5	10.4	3	<0.1	0.4	6.5	<2
580537	Rock	1.08	<2	313.5	7.2	49.9	4	0.3	0.6	0.4	65	0.55	0.5	4.8	0.7	11.4	4	<0.1	0.3	13.5	<2
580538	Rock	1.79	<2	60.9	26.8	23.3	30	<0.1	1.8	1.9	219	1.25	0.7	4.7	<0.5	9.7	14	<0.1	0.1	12.2	14
580539	Rock	1.62	<2	49.7	18.8	18.5	7	<0.1	0.5	0.5	116	0.37	5.1	2.6	<0.5	10.2	3	<0.1	0.2	2.3	<2
580540	Rock	1.87	<2	648.0	80.4	23.2	16	0.2	4.0	2.2	158	1.41	0.6	0.9	<0.5	7.9	24	0.2	<0.1	0.7	31
580541	Rock	1.46	<2	41.2	65.3	13.7	17	0.2	0.8	1.2	94	2.11	1.0	0.3	<0.5	4.2	12	<0.1	<0.1	0.9	24
580542	Rock	1.57	<2	23.3	13.5	4.5	1	0.2	0.9	0.2	43	0.50	1.1	<0.1	<0.5	<0.1	<1	<0.1	0.1	1.0	<2
580543	Rock	1.77	<2	25.7	33.1	30.8	3	0.9	0.9	0.5	31	0.78	<0.5	4.1	<0.5	11.9	3	<0.1	<0.1	31.9	5
580544	Rock	1.20	<2	63.0	29.8	44.6	2	0.2	0.7	0.7	38	0.63	2.4	5.3	<0.5	12.6	3	<0.1	<0.1	3.5	<2
580545	Rock	1.63	<2	11.9	62.0	41.3	40	0.4	1.1	0.6	25	0.52	<0.5	1.2	<0.5	9.9	9	0.2	<0.1	8.7	<2
580546	Rock	1.52	<2	110.4	21.1	21.8	7	0.1	0.6	0.5	47	0.45	<0.5	2.0	<0.5	8.0	3	<0.1	0.1	1.8	<2
580547	Rock	1.16	<2	83.3	53.6	35.3	8	0.5	0.4	0.6	114	0.51	4.2	2.0	<0.5	7.9	3	<0.1	0.1	16.3	<2
580548	Rock	1.83	<2	35.8	16.1	23.0	8	<0.1	1.2	0.7	91	0.65	1.3	4.6	0.8	15.6	4	<0.1	0.1	12.0	3
580549	Rock	1.29	<2	124.3	17.1	31.6	5	0.3	0.7	0.4	77	0.86	2.4	3.4	<0.5	12.6	15	<0.1	0.1	48.0	2
580550	Rock	1.40	<2	156.6	10.9	27.3	4	0.4	0.7	0.4	50	0.56	2.5	3.9	<0.5	13.2	5	<0.1	0.2	21.6	<2
580551	Rock	2.33	<2	74.1	20.5	20.9	45	0.2	3.7	2.8	375	1.62	1.3	3.4	<0.5	7.6	31	<0.1	<0.1	16.4	22
580552	Rock	1.19	<2	6.5	15.3	33.4	12	0.2	1.1	0.7	131	0.52	4.6	3.7	<0.5	15.5	4	<0.1	0.1	14.0	<2
[redacted]																					
1111119	Rock	1.15	<2	32.9	187.6	26.2	63	0.5	2.6	3.5	347	2.37	1.5	1.0	<0.5	5.2	36	0.1	0.1	7.6	32
1111120	Rock	1.47	<2	0.3	34.5	4.7	136	<0.1	3.7	15.5	696	4.95	0.6	0.2	<0.5	1.8	9	<0.1	<0.1	<0.1	135
1111121	Rock	1.53	2	99.1	57.1	22.7	37	0.2	2.6	2.6	246	1.78	<0.5	2.0	<0.5	8.2	13	<0.1	<0.1	2.5	44
1111122	Rock	1.39	<2	0.2	2.0	3.3	12	<0.1	1.9	3.2	118	0.55	0.5	<0.1	<0.5	0.1	27	<0.1	<0.1	<0.1	7
1111123	Rock	1.40	<2	7.4	92.6	3.9	16	0.1	0.9	6.8	489	2.83	1.9	0.5	<0.5	2.5	8	0.1	<0.1	0.4	20

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000261.3

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
[redacted]																					
580534	Rock	0.10	0.019	5	<1	0.10	36	0.015	<1	0.33	0.054	0.14	5.4	<0.01	0.6	<0.1	<0.05	2	<0.5	<0.2	N.A.
580535	Rock	0.10	0.017	6	2	<0.01	152	0.033	<1	0.19	0.050	0.11	3.9	<0.01	0.6	<0.1	0.24	<1	1.6	0.8	N.A.
580536	Rock	0.03	0.007	4	1	0.01	22	0.001	<1	0.19	0.056	0.12	3.4	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580537	Rock	0.04	0.013	4	1	<0.01	112	<0.001	<1	0.20	0.052	0.14	1.5	<0.01	0.3	<0.1	0.15	<1	<0.5	<0.2	N.A.
580538	Rock	0.17	0.039	13	2	0.24	126	0.036	<1	0.68	0.066	0.27	17.9	<0.01	1.3	0.2	0.09	3	<0.5	<0.2	N.A.
580539	Rock	0.03	0.009	4	1	0.01	16	0.001	<1	0.22	0.056	0.14	0.7	<0.01	0.5	<0.1	<0.05	1	<0.5	<0.2	N.A.
580540	Rock	0.23	0.034	9	8	0.51	230	0.065	<1	0.74	0.061	0.24	2.9	<0.01	2.3	<0.1	0.26	4	<0.5	<0.2	N.A.
580541	Rock	0.08	0.024	9	1	0.08	61	0.034	<1	0.31	0.081	0.10	9.3	<0.01	1.1	<0.1	0.09	2	<0.5	<0.2	N.A.
580542	Rock	<0.01	0.001	<1	2	<0.01	7	<0.001	<1	0.01	0.005	<0.01	0.2	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580543	Rock	0.02	0.004	3	2	<0.01	24	0.002	<1	0.20	0.047	0.16	6.7	<0.01	0.7	<0.1	0.11	1	<0.5	0.2	N.A.
580544	Rock	0.03	0.003	3	1	0.01	48	0.002	<1	0.19	0.037	0.14	4.1	<0.01	0.5	<0.1	0.15	<1	<0.5	<0.2	N.A.
580545	Rock	0.04	0.026	8	2	0.02	55	<0.001	<1	0.28	0.029	0.31	2.5	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580546	Rock	0.02	0.004	5	1	0.01	47	<0.001	<1	0.26	0.030	0.18	2.6	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580547	Rock	0.02	0.005	7	1	0.01	30	<0.001	<1	0.25	0.026	0.17	10.3	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580548	Rock	0.06	0.010	3	2	0.04	57	0.003	<1	0.29	0.059	0.16	15.3	<0.01	0.9	<0.1	<0.05	2	<0.5	<0.2	N.A.
580549	Rock	0.04	0.013	5	1	0.01	176	<0.001	<1	0.29	0.046	0.19	3.0	<0.01	0.4	<0.1	0.35	1	<0.5	<0.2	N.A.
580550	Rock	0.03	0.009	4	1	0.01	202	<0.001	<1	0.24	0.047	0.15	2.1	<0.01	0.4	<0.1	0.08	<1	<0.5	0.3	N.A.
580551	Rock	0.26	0.047	9	2	0.47	258	0.070	<1	0.88	0.064	0.27	13.5	<0.01	2.1	0.2	0.46	4	<0.5	0.3	N.A.
580552	Rock	0.04	0.008	4	1	0.02	182	0.001	<1	0.25	0.052	0.15	7.3	<0.01	0.6	<0.1	0.08	1	<0.5	<0.2	N.A.
[redacted]																					
1111119	Rock	0.29	0.028	8	7	0.42	26	0.110	<1	1.13	0.077	0.06	4.2	<0.01	4.7	<0.1	<0.05	6	<0.5	<0.2	N.A.
1111120	Rock	0.24	0.087	8	9	0.88	546	0.293	<1	1.62	0.107	1.19	0.2	<0.01	13.2	0.6	<0.05	9	<0.5	<0.2	N.A.
1111121	Rock	0.20	0.051	14	4	0.46	81	0.077	<1	0.80	0.060	0.37	5.1	<0.01	2.2	0.3	0.08	5	<0.5	<0.2	N.A.
1111122	Rock	0.14	0.014	<1	2	0.14	161	0.025	2	0.48	0.079	0.14	5.3	<0.01	0.5	<0.1	<0.05	1	<0.5	<0.2	N.A.
1111123	Rock	0.22	0.068	7	3	0.26	33	0.033	<1	1.01	0.041	0.23	1.6	<0.01	5.5	0.2	0.58	2	<0.5	<0.2	N.A.

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Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000261.3

	Method	WGHT	3B	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
1111124	Rock	1.20	<2	1.0	87.0	4.4	60	0.2	4.6	27.6	489	3.26	0.7	0.7	<0.5	3.0	9	<0.1	<0.1	0.1	30
1111125	Rock	2.22	<2	0.8	56.3	20.6	28	0.4	3.0	17.2	377	3.63	0.8	<0.1	<0.5	0.2	16	<0.1	<0.1	0.8	89
1111126	Rock	1.31	<2	5.4	99.1	26.6	21	0.8	2.2	4.1	70	1.02	1.3	0.5	<0.5	2.0	15	0.4	<0.1	2.5	3
1111127	Rock	1.68	<2	5.8	23.5	7.1	97	0.3	15.5	9.3	686	3.27	<0.5	0.4	2.7	1.4	14	<0.1	<0.1	1.8	88
1111128	Rock	1.68	3	84.1	47.9	5.8	120	0.2	22.9	17.9	779	5.17	<0.5	0.6	5.1	2.5	5	0.1	<0.1	4.8	109
1111129	Rock	1.17	<2	149.9	16.3	57.0	9	0.5	0.4	0.4	19	0.47	1.2	2.9	2.0	9.8	5	0.2	0.2	11.1	<2
1111130	Rock	1.70	<2	154.1	15.5	58.1	9	0.5	0.4	0.3	18	0.50	0.9	2.8	1.6	9.3	5	<0.1	0.1	11.3	<2
1111131	Rock	1.70	<2	129.9	104.1	7.3	26	0.9	1.7	6.1	127	1.82	1.1	0.5	1.2	0.8	42	<0.1	0.1	0.8	15
1111132	Rock	1.46	<2	207.9	158.8	9.4	19	0.3	2.2	5.4	127	3.36	1.1	0.3	1.0	1.4	15	<0.1	<0.1	0.5	48
1111133	Rock	1.42	9	24.9	88.2	5.4	46	<0.1	17.1	17.3	259	6.09	0.6	0.3	4.6	1.3	5	<0.1	<0.1	0.3	127
1111134	Rock	1.33	<2	2.9	12.8	13.8	39	0.2	1.3	2.2	323	1.26	1.3	2.4	<0.5	3.3	33	<0.1	<0.1	1.2	27
1111135	Rock	1.68	<2	23.4	1012	3.5	16	0.8	2.9	13.3	138	6.11	4.4	0.8	1.3	2.5	18	0.2	0.3	0.9	100
1111136	Rock	1.59	<2	0.2	3.3	0.6	42	<0.1	14.4	15.8	246	3.73	<0.5	0.2	<0.5	2.1	4	<0.1	<0.1	0.1	63
1111201	Rock	1.78	<2	25.0	45.8	31.4	4	0.1	1.0	0.6	26	0.43	19.9	4.8	<0.5	10.5	4	<0.1	0.8	6.0	<2
1111202	Rock	0.87	<2	46.5	26.9	21.7	2	<0.1	0.7	0.5	26	0.50	3.1	4.9	0.8	9.5	3	<0.1	0.1	0.8	3
1111203	Rock	1.84	<2	36.0	28.6	21.7	3	<0.1	0.8	0.7	30	0.53	2.7	6.2	0.6	11.1	4	<0.1	<0.1	0.6	5
1111204	Rock	2.13	<2	88.4	9.1	13.4	2	<0.1	0.7	0.3	23	0.51	4.3	7.2	1.3	8.6	4	0.1	0.3	1.7	2
1111205	Rock	1.65	<2	70.4	9.2	6.8	2	<0.1	0.5	0.2	17	0.42	9.9	5.5	1.2	9.5	5	<0.1	0.8	1.0	<2
1111206	Rock	1.47	<2	39.4	16.8	27.4	5	0.2	0.4	0.4	24	0.46	3.3	4.4	<0.5	9.6	4	0.1	0.1	3.6	2
1111207	Rock	2.56	<2	39.1	13.3	9.5	4	<0.1	0.4	0.4	37	0.43	2.2	4.4	1.4	12.4	5	0.1	0.2	1.3	3
1111208	Rock	1.03	<2	15.5	9.1	8.1	2	<0.1	0.4	0.2	28	0.49	1.0	3.6	<0.5	10.7	5	<0.1	<0.1	3.3	7
1111209	Rock	3.07	<2	14.0	15.9	16.3	4	0.4	0.6	0.5	47	0.46	1.1	10.7	<0.5	12.1	6	<0.1	<0.1	5.6	3
1111210	Rock	3.18	<2	108.7	23.6	11.1	15	0.1	1.2	1.8	70	2.17	1.8	0.6	<0.5	5.7	11	<0.1	<0.1	25.6	8
1111211	Rock	2.36	<2	93.0	26.4	11.5	6	0.3	1.0	1.2	54	1.45	2.3	4.3	<0.5	6.4	8	<0.1	<0.1	8.3	6
[redacted]																					
1111045	Rock	0.95	<2	2.7	27.5	11.7	4	<0.1	0.6	0.6	59	0.43	3.3	2.7	<0.5	10.2	3	0.1	0.4	1.5	<2
1111046	Rock	1.80	<2	0.5	12.4	10.1	21	<0.1	1.7	2.1	249	1.09	1.9	2.7	<0.5	7.5	6	<0.1	<0.1	0.2	16

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Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000261.3

		Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7KP
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	W
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
		MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
1111124	Rock		0.33	0.096	7	3	0.19	41	0.022	<1	1.07	0.079	0.14	0.7	<0.01	5.2	<0.1	1.58	3	<0.5	<0.2	N.A.
1111125	Rock		0.83	0.074	1	5	1.14	175	0.139	<1	1.58	0.171	0.60	33.6	<0.01	6.1	0.3	1.21	5	0.8	0.2	N.A.
1111126	Rock		0.21	0.025	3	2	0.05	32	0.033	<1	0.30	0.094	0.05	25.4	<0.01	0.6	<0.1	0.73	<1	<0.5	<0.2	N.A.
1111127	Rock		0.21	0.083	4	45	0.99	382	0.216	2	1.44	0.095	1.10	6.8	<0.01	7.3	0.6	0.37	7	<0.5	<0.2	N.A.
1111128	Rock		0.31	0.098	9	48	1.74	100	0.241	1	1.94	0.077	1.39	1.2	<0.01	10.0	0.7	1.28	8	<0.5	<0.2	N.A.
1111129	Rock		0.04	0.020	6	<1	0.01	52	0.001	2	0.20	0.019	0.24	1.0	<0.01	0.2	<0.1	<0.05	<1	0.6	<0.2	N.A.
1111130	Rock		0.03	0.020	5	<1	<0.01	50	<0.001	<1	0.18	0.020	0.23	0.9	<0.01	0.2	<0.1	0.05	<1	0.5	<0.2	N.A.
1111131	Rock		0.45	0.111	2	2	0.17	66	0.091	2	0.58	0.084	0.15	3.0	<0.01	1.7	<0.1	0.41	2	0.7	<0.2	N.A.
1111132	Rock		0.22	0.074	5	7	0.20	238	0.136	1	0.43	0.067	0.21	3.6	<0.01	3.6	<0.1	0.52	3	0.8	<0.2	N.A.
1111133	Rock		0.09	0.032	8	57	1.17	44	0.110	2	1.94	0.068	0.81	0.2	<0.01	12.8	0.7	0.34	9	<0.5	<0.2	N.A.
1111134	Rock		0.40	0.073	4	2	0.32	53	0.093	<1	0.68	0.074	0.29	24.5	<0.01	0.8	0.3	0.39	4	<0.5	<0.2	N.A.
1111135	Rock		0.78	0.058	4	3	0.10	24	0.086	2	1.17	0.016	0.08	6.4	<0.01	3.4	<0.1	1.77	6	1.4	<0.2	N.A.
1111136	Rock		0.06	0.017	12	12	0.55	38	0.128	1	0.99	0.040	0.11	<0.1	<0.01	5.7	<0.1	<0.05	4	<0.5	<0.2	N.A.
1111201	Rock		0.01	0.005	2	1	<0.01	16	0.002	<1	0.23	0.022	0.17	1.5	<0.01	0.6	<0.1	<0.05	<1	<0.5	<0.2	N.A.
1111202	Rock		0.01	0.006	3	1	<0.01	20	0.002	1	0.20	0.021	0.21	0.9	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	N.A.
1111203	Rock		0.02	0.004	3	<1	0.01	21	0.001	<1	0.25	0.037	0.18	0.7	<0.01	0.5	0.2	<0.05	1	<0.5	<0.2	N.A.
1111204	Rock		0.01	0.002	3	2	<0.01	85	<0.001	<1	0.19	0.021	0.19	0.5	<0.01	0.2	<0.1	0.07	<1	<0.5	<0.2	N.A.
1111205	Rock		<0.01	0.003	4	1	<0.01	155	<0.001	1	0.24	0.019	0.20	1.3	0.01	0.4	<0.1	<0.05	<1	<0.5	0.3	N.A.
1111206	Rock		<0.01	0.003	2	1	0.01	87	0.002	<1	0.19	0.035	0.16	1.0	<0.01	0.6	<0.1	<0.05	1	<0.5	0.3	N.A.
1111207	Rock		0.03	0.004	3	1	0.03	53	0.004	<1	0.20	0.061	0.12	1.1	0.01	1.1	<0.1	<0.05	1	<0.5	<0.2	N.A.
1111208	Rock		0.02	0.003	3	1	0.01	30	0.003	1	0.19	0.062	0.14	0.4	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2	N.A.
1111209	Rock		0.05	0.004	3	1	0.04	49	0.009	2	0.25	0.060	0.15	24.5	<0.01	0.9	<0.1	0.05	1	<0.5	<0.2	N.A.
1111210	Rock		0.04	0.023	10	2	0.09	189	0.036	<1	0.29	0.055	0.17	1.0	<0.01	1.6	<0.1	0.57	2	<0.5	<0.2	N.A.
1111211	Rock		0.05	0.020	4	2	0.06	193	0.008	<1	0.23	0.061	0.13	3.3	<0.01	0.8	<0.1	0.56	1	0.6	<0.2	N.A.
[redacted]																						
1111045	Rock		0.05	0.007	5	2	0.02	12	0.002	2	0.27	0.057	0.16	0.9	<0.01	0.6	<0.1	<0.05	1	<0.5	<0.2	N.A.
1111046	Rock		0.11	0.030	5	4	0.17	83	0.045	1	0.44	0.056	0.23	0.2	<0.01	1.7	<0.1	<0.05	2	<0.5	<0.2	N.A.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000261.3

	Method	WGHT	3B	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
1111047	Rock	0.87	<2	0.3	30.2	8.5	4	<0.1	0.5	0.3	43	0.35	3.9	4.8	<0.5	12.5	3	<0.1	0.2	0.8	2
1111048	Rock	2.22	<2	0.9	47.3	4.2	41	0.2	4.3	8.0	225	3.28	1.8	0.8	<0.5	5.4	8	<0.1	<0.1	0.5	45
1111049	Rock	1.25	<2	0.3	13.7	2.3	3	<0.1	12.3	6.3	43	5.67	<0.5	0.2	<0.5	2.9	5	<0.1	<0.1	0.1	49
1111050	Rock	1.92	<2	0.7	40.4	4.0	6	<0.1	14.3	5.4	89	6.86	0.7	0.4	<0.5	4.6	6	<0.1	<0.1	0.8	50
1111301	Rock	1.10	<2	1.0	6.3	1.5	4	<0.1	12.0	7.3	26	3.62	<0.5	0.3	<0.5	3.9	6	<0.1	<0.1	<0.1	25
1111302	Rock	1.29	<2	14.0	13.8	10.1	22	0.1	3.3	6.0	203	1.78	0.8	2.8	<0.5	7.7	23	<0.1	<0.1	5.2	32
1111303	Rock	1.31	<2	8.2	2.9	37.2	2	1.3	0.4	0.3	25	0.29	1.6	7.1	0.6	15.1	4	<0.1	0.2	4.2	<2
1111304	Rock	1.79	8	7.5	14.8	5.8	51	0.2	3.9	14.7	379	2.29	17.8	0.1	9.5	0.6	18	0.2	0.2	1.8	33

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000261.3

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
1111047	Rock	0.02	0.002	2	1	0.01	28	0.001	<1	0.25	0.039	0.15	0.6	<0.01	0.9	<0.1	<0.05	1	<0.5	<0.2	N.A.
1111048	Rock	0.21	0.078	26	2	0.46	195	0.158	1	1.05	0.054	0.70	0.2	<0.01	4.2	0.4	<0.05	6	<0.5	<0.2	N.A.
1111049	Rock	0.02	0.007	5	11	<0.01	27	0.075	<1	0.45	0.062	0.13	<0.1	<0.01	1.6	<0.1	<0.05	4	<0.5	<0.2	N.A.
1111050	Rock	0.02	0.006	13	10	<0.01	104	0.013	<1	0.42	0.039	0.19	<0.1	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2	N.A.
1111301	Rock	0.02	0.005	12	9	0.03	24	0.046	<1	0.45	0.046	0.17	<0.1	<0.01	1.3	<0.1	<0.05	3	<0.5	<0.2	N.A.
1111302	Rock	0.23	0.043	9	3	0.59	183	0.079	<1	0.84	0.071	0.29	3.8	<0.01	2.7	0.2	0.83	4	0.8	0.2	N.A.
1111303	Rock	0.02	0.004	5	1	0.01	162	0.001	<1	0.25	0.031	0.18	19.3	<0.01	0.4	<0.1	0.07	<1	<0.5	<0.2	N.A.
1111304	Rock	0.83	0.060	1	4	0.67	125	0.119	1	1.33	0.037	0.49	>100	<0.01	2.1	0.5	1.00	3	<0.5	0.4	0.017

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Client: **Ethos Capital Corp.**
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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000261.3

Method		WGHT	3B	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]		[redacted]																		
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
[redacted]	[redacted]			[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	[redacted]
1111131	Rock	1.70	<2	129.9	104.1	7.3	26	0.9	1.7	6.1	127	1.82	1.1	0.5	1.2	0.8	42	<0.1	0.1	0.8	15
REP 1111131	QC		<2																		
1111302	Rock	1.29	<2	14.0	13.8	10.1	22	0.1	3.3	6.0	203	1.78	0.8	2.8	<0.5	7.7	23	<0.1	<0.1	5.2	32
REP 1111302	QC			14.1	13.8	10.4	23	0.1	3.4	5.8	203	1.76	0.7	2.7	<0.5	7.6	21	<0.1	<0.1	5.0	31
1111304	Rock	1.79	8	7.5	14.8	5.8	51	0.2	3.9	14.7	379	2.29	17.8	0.1	9.5	0.6	18	0.2	0.2	1.8	33
REP 1111304	QC																				
Core Reject Duplicates																					
580540	Rock	1.87	<2	648.0	80.4	23.2	16	0.2	4.0	2.2	158	1.41	0.6	0.9	<0.5	7.9	24	0.2	<0.1	0.7	31
DUP 580540	QC		<2	610.8	75.1	21.9	16	0.2	3.7	2.1	152	1.32	0.9	0.9	<0.5	7.5	23	<0.1	<0.1	0.7	30
1111202	Rock	0.87	<2	46.5	26.9	21.7	2	<0.1	0.7	0.5	26	0.50	3.1	4.9	0.8	9.5	3	<0.1	0.1	0.8	3
DUP 111202	QC		<2	47.6	27.1	21.7	2	<0.1	0.7	0.5	20	0.42	3.3	4.6	<0.5	9.7	3	<0.1	0.1	0.8	2
Reference Materials																					
STD DS8	Standard			12.9	114.8	121.0	324	1.7	38.1	7.8	627	2.53	25.3	2.5	114.2	6.3	62	2.4	5.5	6.3	42
STD DS8	Standard			13.9	118.1	115.4	317	1.8	40.9	7.9	631	2.57	26.3	2.5	98.9	6.0	63	2.6	5.7	6.3	43
STD DS8	Standard			13.4	113.4	118.8	314	1.7	39.6	7.6	604	2.49	26.8	2.5	105.9	6.3	62	2.3	5.2	6.1	43
STD DS8	Standard			13.7	113.3	121.6	306	1.7	38.6	7.7	607	2.48	25.2	2.6	106.0	6.4	61	2.4	5.1	6.0	42
STD NBLG	Standard																				
STD OXC88	Standard		194																		
STD OXC88	Standard		197																		
STD OXC88	Standard		210																		
STD OXC88	Standard		208																		
STD OXH82	Standard		1244																		
STD OXH82	Standard		1294																		
STD OXH82	Standard		1279																		

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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000261.3

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
Pulp Duplicates																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
1111131	Rock	0.45	0.111	2	2	0.17	66	0.091	2	0.58	0.084	0.15	3.0	<0.01	1.7	<0.1	0.41	2	0.7	<0.2	N.A.
REP 1111131	QC																				
1111302	Rock	0.23	0.043	9	3	0.59	183	0.079	<1	0.84	0.071	0.29	3.8	<0.01	2.7	0.2	0.83	4	0.8	0.2	N.A.
REP 1111302	QC	0.22	0.044	9	4	0.58	159	0.076	2	0.82	0.068	0.29	3.6	<0.01	2.6	0.1	0.82	4	0.6	<0.2	
1111304	Rock	0.83	0.060	1	4	0.67	125	0.119	1	1.33	0.037	0.49	>100	<0.01	2.1	0.5	1.00	3	<0.5	0.4	0.017
REP 1111304	QC																				0.017
Core Reject Duplicates																					
580540	Rock	0.23	0.034	9	8	0.51	230	0.065	<1	0.74	0.061	0.24	2.9	<0.01	2.3	<0.1	0.26	4	<0.5	<0.2	N.A.
DUP 580540	QC	0.21	0.036	8	8	0.49	216	0.063	<1	0.74	0.056	0.22	2.7	0.01	2.2	<0.1	0.25	4	<0.5	<0.2	N.A.
1111202	Rock	0.01	0.006	3	1	<0.01	20	0.002	1	0.20	0.021	0.21	0.9	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	N.A.
DUP 111202	QC	<0.01	0.006	3	1	<0.01	17	<0.001	<1	0.17	0.018	0.19	0.9	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2	N.A.
Reference Materials																					
STD DS8	Standard	0.70	0.085	13	118	0.61	267	0.104	2	0.91	0.087	0.39	3.2	0.18	2.0	5.3	0.17	5	4.3	4.9	
STD DS8	Standard	0.74	0.079	14	125	0.62	278	0.118	2	0.96	0.093	0.41	2.9	0.19	2.2	5.2	0.17	5	5.0	5.2	
STD DS8	Standard	0.72	0.081	14	118	0.61	280	0.112	3	0.92	0.088	0.41	2.9	0.18	2.0	5.2	0.17	4	5.1	5.3	
STD DS8	Standard	0.73	0.077	15	119	0.61	270	0.114	3	0.91	0.089	0.40	2.8	0.20	2.1	5.2	0.17	5	5.0	4.5	
STD NBLG	Standard																				0.005
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000261.3

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2
STD W107	Standard																				
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
STD W107 Expected																					
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<2	<0.1	2.0	2.9	48	<0.1	4.0	4.6	567	2.01	<0.5	1.5	1.3	4.6	57	<0.1	<0.1	<0.1	37
G1	Prep Blank		<2	0.2	1.5	2.6	47	<0.1	3.8	4.4	561	1.97	<0.5	1.3	0.6	4.4	55	<0.1	<0.1	<0.1	36

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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000261.3

		1DX15 Ca % 0.01	1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	7KPW % 0.005
STD W107	Standard																				0.425
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OXC88 Expected																					
STD OXH82 Expected																					
STD W107 Expected																					0.42
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.46	0.073	8	7	0.57	227	0.111	<1	1.01	0.103	0.49	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	N.A.
G1	Prep Blank	0.43	0.078	7	7	0.56	220	0.100	1	0.99	0.091	0.46	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2	N.A.

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

www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 23, 2011
Report Date: December 13, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000302.3

CLIENT JOB INFORMATION

Project: BRIDGET
Shipment ID:
P.O. Number
Number of Samples: 57

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	57	Crush, split and pulverize 250 g rock to 200 mesh			WHI
1DX2	57	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
3B01	57	Fire assay fusion Au by ICP-ES	30	Completed	VAN
7KP	6	Phosphoric acid leach, ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 3; 7KP analysis included

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000302.3

Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
580553	Rock	1.42	89.4	16.6	12.9	36	<0.1	3.2	2.4	293	1.60	1.8	2.5	0.7	8.0	13	<0.1	0.1	3.1	25	0.15
580554	Rock	0.93	0.8	17.1	16.0	52	0.3	5.1	3.9	460	1.50	<0.5	3.5	2.2	9.9	15	0.1	<0.1	9.7	22	0.20
580555	Rock	1.99	3.1	36.8	18.0	94	0.4	3.6	4.6	678	1.83	0.7	2.7	1.9	8.7	19	0.3	<0.1	15.2	36	0.23
580556	Rock	1.68	4.7	60.6	22.2	9	0.2	0.9	2.1	146	0.63	9.5	1.6	1.6	5.6	5	<0.1	0.1	0.5	5	0.04
580557	Rock	1.14	>2000	35.2	25.7	3	1.1	0.9	1.2	34	1.10	<0.5	<0.1	0.8	<0.1	10	<0.1	<0.1	40.8	4	<0.01
580558	Rock	1.53	5.2	9.5	17.2	48	0.2	3.9	4.0	327	1.31	<0.5	2.2	1.0	8.5	23	0.3	<0.1	1.1	27	0.36
580559	Rock	1.80	35.0	8.8	37.9	16	0.5	0.4	0.9	78	0.43	2.5	4.5	2.0	13.1	11	0.6	0.3	18.8	<2	0.10
580560	Rock	1.76	1164	14.6	31.5	9	0.2	1.3	2.5	143	0.49	3.0	2.4	1.2	3.3	7	<0.1	0.1	1.2	<2	0.02
580561	Rock	1.83	66.0	43.4	34.7	46	0.1	5.4	6.8	300	2.05	1.7	4.7	<0.5	8.8	14	0.4	0.1	1.2	2	0.10
580562	Rock	1.33	9.8	264.8	31.1	30	0.3	2.9	5.2	580	1.40	3.2	3.1	0.9	8.6	24	1.2	0.2	1.4	2	0.70
580563	Rock	1.44	16.3	160.2	72.7	27	1.4	2.9	7.0	394	1.44	12.1	3.5	0.6	9.0	26	0.9	0.3	38.5	2	0.82
580564	Rock	1.94	42.1	20.3	42.9	13	0.5	0.2	0.9	94	0.47	2.6	6.6	1.9	11.5	5	0.4	0.3	8.0	<2	0.18
580565	Rock	2.17	13.1	296.3	37.2	21	0.9	1.9	4.1	217	1.21	8.1	2.8	1.9	8.7	16	0.5	0.3	14.9	<2	0.42
580566	Rock	2.29	28.2	311.9	52.1	25	1.2	2.4	4.7	358	1.06	5.5	2.7	2.3	8.4	23	0.7	9.0	13.8	<2	0.64
580567	Rock	1.71	2.9	13.0	36.2	46	0.9	2.8	3.4	237	0.94	4.4	2.3	<0.5	10.0	14	0.7	0.2	3.2	7	0.26
580568	Rock	1.12	7.8	8.1	37.2	40	0.6	2.0	2.8	204	0.98	2.4	2.2	1.1	10.1	12	0.4	0.3	4.1	7	0.13
580569	Rock	1.39	7.8	4.9	32.3	17	0.8	0.1	0.4	40	0.34	2.0	1.8	<0.5	7.9	12	0.4	0.4	2.4	<2	0.03
1111213	Rock	1.05	0.3	0.6	2.0	86	<0.1	15.8	24.1	696	3.58	0.6	0.1	<0.5	0.5	29	<0.1	<0.1	<0.1	63	0.48
1111214	Rock	1.17	0.4	1.7	21.9	4	0.2	<0.1	0.4	91	0.17	1.7	8.9	<0.5	17.6	3	0.1	<0.1	0.7	<2	0.05
1111215	Rock	1.42	0.5	0.8	15.0	13	0.2	<0.1	0.4	45	0.13	0.9	3.1	<0.5	6.6	4	<0.1	<0.1	0.4	<2	0.02
1111216	Rock	1.43	0.6	3.8	39.1	5	0.7	0.3	0.3	42	0.31	11.1	6.7	2.4	16.2	2	0.1	0.5	1.4	<2	0.02
1111217	Rock	1.47	0.3	16.1	43.9	4	0.4	0.3	0.4	151	0.29	12.8	11.4	1.4	20.0	7	0.3	0.6	0.9	<2	0.27
1111218	Rock	1.18	1.3	1.7	80.2	14	1.0	0.4	0.4	112	0.26	1.1	5.4	1.8	16.3	5	0.3	0.3	1.6	<2	0.03
1111219	Rock	1.28	1.0	21.6	46.1	14	0.6	0.9	0.8	114	0.56	3.2	9.2	<0.5	17.4	19	0.6	0.6	1.4	6	0.18
1111220	Rock	2.93	0.2	8.3	3.8	68	0.1	0.7	6.4	529	4.01	2.2	0.3	0.8	3.8	22	<0.1	<0.1	0.1	44	0.62
1111221	Rock	1.73	4.1	7.5	13.9	21	0.3	0.2	0.5	115	0.55	2.9	0.6	<0.5	5.9	4	0.5	<0.1	1.5	<2	0.07
1111222	Rock	1.96	19.9	5.0	24.0	13	0.5	0.1	1.0	43	0.58	1.4	0.2	0.8	4.7	8	0.3	0.1	3.9	3	0.03
1111223	Rock	1.04	26.0	192.2	41.6	20	1.6	3.1	4.3	41	1.42	42.1	3.2	<0.5	7.7	9	0.5	1.0	26.2	3	0.12
1111224	Rock	1.82	1.5	45.0	6.5	57	0.3	4.1	12.8	525	2.54	0.7	0.2	<0.5	0.4	20	0.2	<0.1	0.7	47	0.85
1111225	Rock	1.34	4.5	22.6	171.4	21	4.5	0.2	0.8	89	0.48	0.8	2.2	<0.5	9.6	8	0.6	<0.1	8.3	3	0.17

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000302.3

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	3B	7KP
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Mo
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2	0.001
580553	Rock	0.036	7	6	0.52	209	0.056	<1	0.72	0.050	0.23	1.4	<0.01	1.9	0.1	0.39	4	<0.5	<0.2	3	N.A.
580554	Rock	0.038	9	19	0.54	132	0.069	<1	0.68	0.054	0.17	53.2	<0.01	2.1	<0.1	0.82	4	<0.5	<0.2	3	N.A.
580555	Rock	0.045	10	5	0.64	160	0.098	<1	0.96	0.074	0.33	82.5	<0.01	2.8	0.2	0.63	5	<0.5	<0.2	2	N.A.
580556	Rock	0.021	3	18	0.05	140	0.007	2	0.25	0.018	0.15	1.5	<0.01	0.7	<0.1	0.11	<1	<0.5	<0.2	5	N.A.
580557	Rock	0.004	<1	3	0.02	129	0.004	1	0.05	0.008	0.09	4.4	0.01	0.2	<0.1	0.55	<1	1.6	<0.2	5	0.306
580558	Rock	0.049	10	13	0.53	82	0.097	<1	1.08	0.077	0.39	9.2	<0.01	2.1	0.5	0.20	5	<0.5	<0.2	8	N.A.
580559	Rock	0.007	4	<1	0.02	101	<0.001	1	0.24	0.041	0.14	5.8	<0.01	0.4	<0.1	0.12	<1	<0.5	0.3	3	N.A.
580560	Rock	0.006	7	20	<0.01	175	<0.001	2	0.15	0.011	0.14	0.9	<0.01	0.2	<0.1	0.17	<1	<0.5	<0.2	3	N.A.
580561	Rock	0.044	16	<1	0.02	182	<0.001	<1	0.38	0.031	0.22	5.9	<0.01	0.6	<0.1	0.66	<1	<0.5	<0.2	<2	N.A.
580562	Rock	0.046	14	8	0.06	124	<0.001	2	0.36	0.039	0.22	0.5	<0.01	0.5	0.1	0.95	<1	0.9	<0.2	3	N.A.
580563	Rock	0.040	14	<1	0.09	89	<0.001	2	0.31	0.025	0.23	0.5	<0.01	0.5	0.1	1.27	<1	1.1	<0.2	<2	N.A.
580564	Rock	0.007	4	<1	0.01	54	0.002	1	0.24	0.029	0.16	2.4	<0.01	0.4	<0.1	0.35	<1	<0.5	<0.2	<2	N.A.
580565	Rock	0.042	12	<1	0.07	111	<0.001	2	0.31	0.029	0.23	0.6	<0.01	0.5	0.1	0.86	<1	0.8	<0.2	<2	N.A.
580566	Rock	0.042	13	<1	0.13	189	<0.001	2	0.27	0.021	0.22	0.7	<0.01	0.6	0.1	0.80	<1	0.7	<0.2	3	N.A.
580567	Rock	0.031	8	1	0.14	266	0.010	2	0.46	0.032	0.23	>100	0.03	1.1	0.1	0.55	2	<0.5	<0.2	5	<0.001
580568	Rock	0.036	7	2	0.20	191	0.015	<1	0.43	0.028	0.22	74.8	<0.01	1.1	<0.1	0.29	2	<0.5	0.2	2	N.A.
580569	Rock	0.009	4	<1	<0.01	119	<0.001	1	0.25	0.024	0.12	47.3	<0.01	0.2	<0.1	<0.05	<1	<0.5	0.3	<2	N.A.
1111213	Rock	0.115	2	12	1.41	49	0.064	1	1.94	0.083	0.10	0.3	<0.01	5.3	<0.1	<0.05	6	<0.5	<0.2	<2	N.A.
1111214	Rock	0.002	4	<1	<0.01	30	0.001	<1	0.17	0.044	0.13	29.3	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2	<2	N.A.
1111215	Rock	0.013	9	<1	0.01	72	<0.001	1	0.32	0.006	0.22	1.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	<2	N.A.
1111216	Rock	0.001	4	<1	<0.01	48	<0.001	1	0.16	0.046	0.11	44.2	<0.01	0.3	<0.1	0.16	<1	<0.5	<0.2	<2	N.A.
1111217	Rock	0.001	5	<1	<0.01	50	<0.001	1	0.19	0.048	0.13	4.5	<0.01	0.5	<0.1	0.16	<1	<0.5	<0.2	<2	N.A.
1111218	Rock	0.002	6	<1	<0.01	144	<0.001	1	0.16	0.044	0.11	>100	<0.01	0.4	<0.1	<0.05	<1	<0.5	0.4	<2	<0.001
1111219	Rock	0.013	4	2	0.10	78	0.013	<1	0.47	0.048	0.13	30.5	<0.01	2.0	<0.1	<0.05	3	<0.5	<0.2	<2	N.A.
1111220	Rock	0.205	9	2	0.63	278	0.187	<1	1.04	0.084	0.76	9.2	<0.01	5.5	0.4	0.27	5	<0.5	<0.2	<2	N.A.
1111221	Rock	0.013	5	<1	0.05	92	0.003	<1	0.38	0.035	0.21	0.7	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2	<2	N.A.
1111222	Rock	0.015	10	<1	0.01	430	<0.001	1	0.28	0.005	0.22	20.5	<0.01	0.3	<0.1	0.27	<1	<0.5	<0.2	<2	N.A.
1111223	Rock	0.035	19	<1	0.04	164	<0.001	1	0.39	0.025	0.20	1.9	<0.01	0.6	<0.1	0.86	<1	0.8	<0.2	<2	N.A.
1111224	Rock	0.074	2	10	0.93	103	0.126	<1	1.35	0.134	0.38	6.7	<0.01	3.9	0.3	0.80	4	<0.5	<0.2	<2	N.A.
1111225	Rock	0.018	6	<1	0.03	148	0.005	<1	0.46	0.027	0.19	>100	<0.01	0.5	<0.1	<0.05	1	<0.5	1.2	<2	<0.001

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000302.3

		Method	7KP
		Analyte	W
		Unit	%
		MDL	0.005
580553	Rock		N.A.
580554	Rock		N.A.
580555	Rock		N.A.
580556	Rock		N.A.
580557	Rock		<0.005
580558	Rock		N.A.
580559	Rock		N.A.
580560	Rock		N.A.
580561	Rock		N.A.
580562	Rock		N.A.
580563	Rock		N.A.
580564	Rock		N.A.
580565	Rock		N.A.
580566	Rock		N.A.
580567	Rock		0.021
580568	Rock		N.A.
580569	Rock		N.A.
1111213	Rock		N.A.
1111214	Rock		N.A.
1111215	Rock		N.A.
1111216	Rock		N.A.
1111217	Rock		N.A.
1111218	Rock		0.014
1111219	Rock		N.A.
1111220	Rock		N.A.
1111221	Rock		N.A.
1111222	Rock		N.A.
1111223	Rock		N.A.
1111224	Rock		N.A.
1111225	Rock		0.019

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Method		WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
1111226	Rock	1.66	3.1	12.6	13.4	34	0.4	0.3	1.6	223	1.34	0.6	0.8	<0.5	5.8	9	0.1	<0.1	7.5	12	0.08
1111227	Rock	1.13	1.3	1.8	11.8	9	0.5	<0.1	0.3	30	0.29	2.3	3.2	<0.5	9.4	6	0.2	0.3	1.5	<2	0.04
1111228	Rock	0.94	0.4	1.6	10.9	3	0.2	<0.1	0.3	17	0.32	0.8	3.1	<0.5	8.6	4	<0.1	0.1	0.8	<2	0.03
1111229	Rock	1.31	31.5	6.1	66.1	8	1.0	0.3	0.3	84	0.22	0.9	5.7	1.1	12.0	4	0.2	<0.1	20.6	<2	0.07
1111230	Rock	0.35	8.0	5.7	18.6	15	0.4	0.2	0.3	62	0.28	0.9	5.8	0.8	11.3	8	0.8	<0.1	2.1	<2	0.07
1111231	Rock	1.20	83.0	66.1	37.3	48	0.5	2.5	3.5	330	1.33	<0.5	4.1	<0.5	9.8	41	0.5	<0.1	6.0	15	0.32
1111232	Rock	3.62	47.9	169.5	30.3	15	0.4	0.9	1.4	130	1.21	<0.5	3.6	1.4	12.3	11	<0.1	<0.1	1.2	6	0.04
1111233	Rock	2.53	23.9	24.6	86.8	67	1.9	0.6	0.4	69	0.32	6.0	5.2	<0.5	10.5	10	1.4	0.5	22.4	<2	0.15
1111305	Rock	1.60	1.1	19.2	9.7	25	0.2	0.1	0.4	291	0.79	<0.5	1.6	1.0	9.7	8	<0.1	<0.1	0.4	3	0.15
1111306	Rock	1.49	4.6	10.5	5.9	12	0.1	0.9	1.2	220	0.74	<0.5	0.3	<0.5	1.6	4	<0.1	<0.1	4.1	4	0.07
1111307	Rock	1.84	215.9	19.5	26.1	3	0.8	0.3	0.4	35	0.50	1.5	<0.1	1.1	0.7	3	<0.1	0.2	27.1	<2	<0.01
1111308	Rock	1.05	1.6	261.6	54.8	50	1.0	3.9	4.8	514	1.26	1.4	3.2	<0.5	9.2	24	1.2	<0.1	21.3	2	0.56
1111309	Rock	0.99	2.1	123.0	30.5	18	0.2	2.9	3.6	236	1.21	<0.5	2.3	<0.5	9.0	19	0.1	<0.1	1.5	<2	0.45
1111310	Rock	1.58	6.4	359.4	48.1	32	2.7	1.8	12.2	127	5.67	30.1	1.1	17.8	6.6	9	0.7	0.1	4.3	4	0.13
1111311	Rock	1.65	2.6	36.1	28.4	94	0.5	1.5	10.2	639	2.86	0.9	0.2	1.6	0.2	36	0.3	<0.1	2.5	40	0.91
1111312	Rock	1.58	2.6	133.0	42.6	53	0.7	6.6	7.3	131	2.19	1.8	1.1	0.5	7.4	13	1.9	0.1	2.2	8	0.38
1111313	Rock	1.79	16.7	126.0	98.6	166	1.4	25.9	8.3	425	1.84	5.3	1.5	0.6	6.1	26	4.2	0.2	7.3	36	0.74
1111314	Rock	1.57	0.3	10.1	21.0	12	0.2	0.6	0.8	99	0.58	1.1	1.8	<0.5	9.2	10	0.2	0.2	2.0	<2	0.21
1111315	Rock	1.47	5.3	18.9	14.3	24	0.2	2.1	1.5	156	1.52	0.5	1.0	<0.5	9.3	6	0.1	<0.1	0.7	7	0.09
1111137	Rock	1.63	4.1	16.8	8.7	52	0.2	0.7	1.2	447	1.60	<0.5	0.8	0.5	6.3	11	<0.1	<0.1	1.0	9	0.18
1111138	Rock	1.80	12.8	61.2	64.4	28	0.4	2.5	2.6	299	1.09	<0.5	2.0	<0.5	7.2	14	0.6	0.1	54.9	3	0.26
1111139	Rock	2.05	2.5	15.6	39.1	38	0.5	0.4	4.7	271	2.09	0.6	0.4	<0.5	2.4	20	0.1	<0.1	2.5	15	0.47
1111140	Rock	2.12	1.5	157.6	17.5	44	0.4	3.4	4.3	292	1.58	<0.5	3.7	0.7	8.9	15	0.1	<0.1	1.0	11	0.43
1111141	Rock	1.62	67.3	121.6	8.8	149	0.4	20.9	32.0	638	4.26	3.0	0.2	<0.5	0.4	24	1.2	<0.1	3.1	76	0.83
1111142	Rock	2.33	6.6	49.0	114.6	64	2.2	3.5	2.6	225	1.19	2.3	1.2	<0.5	4.9	18	1.5	<0.1	24.7	5	0.58
1111143	Rock	3.29	0.2	4.9	1.4	27	<0.1	1.8	4.3	184	3.89	<0.5	0.1	<0.5	0.6	12	<0.1	<0.1	0.3	70	0.23
1111144	Rock	1.80	0.2	35.5	37.3	94	0.5	7.0	6.5	579	2.01	<0.5	1.4	<0.5	6.0	35	0.3	<0.1	1.2	41	0.35

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000302.3

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	3B	7KP
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Mo
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2	0.001
1111226	Rock	0.023	5	1	0.22	145	0.071	<1	0.46	0.076	0.27	26.8	<0.01	1.7	0.1	0.44	3	<0.5	<0.2	<2	N.A.
1111227	Rock	0.011	5	<1	<0.01	98	<0.001	2	0.23	0.043	0.16	64.6	<0.01	0.2	<0.1	0.12	<1	<0.5	<0.2	<2	N.A.
1111228	Rock	0.010	5	<1	<0.01	20	<0.001	1	0.22	0.027	0.15	30.4	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	<2	N.A.
1111229	Rock	0.011	4	<1	0.01	26	<0.001	<1	0.17	0.043	0.12	3.6	<0.01	0.3	<0.1	0.10	<1	<0.5	<0.2	<2	N.A.
1111230	Rock	0.010	4	<1	0.02	20	<0.001	<1	0.20	0.053	0.14	1.1	<0.01	0.3	<0.1	0.11	<1	<0.5	<0.2	<2	N.A.
1111231	Rock	0.046	7	3	0.39	94	0.057	<1	0.86	0.062	0.26	24.9	<0.01	1.3	0.3	0.63	4	0.5	<0.2	<2	N.A.
1111232	Rock	0.005	6	2	0.15	31	0.039	<1	0.43	0.057	0.11	12.7	<0.01	1.4	<0.1	0.73	3	0.6	<0.2	<2	N.A.
1111233	Rock	0.011	4	<1	0.02	78	<0.001	1	0.18	0.035	0.12	13.6	<0.01	0.3	<0.1	0.17	<1	<0.5	<0.2	<2	N.A.
1111305	Rock	0.010	9	<1	0.33	162	0.011	1	0.69	0.044	0.24	14.2	<0.01	0.4	0.1	0.26	3	<0.5	<0.2	<2	N.A.
1111306	Rock	0.014	1	<1	0.11	107	0.014	<1	0.25	0.037	0.11	1.8	<0.01	0.4	<0.1	0.19	1	<0.5	<0.2	<2	N.A.
1111307	Rock	0.001	3	<1	<0.01	40	<0.001	<1	0.04	0.008	0.04	0.2	<0.01	<0.1	<0.1	0.09	<1	<0.5	<0.2	<2	N.A.
1111308	Rock	0.043	13	<1	0.07	146	<0.001	1	0.27	0.033	0.21	1.0	<0.01	0.4	<0.1	0.80	<1	0.5	<0.2	<2	N.A.
1111309	Rock	0.042	13	1	0.03	127	<0.001	1	0.27	0.033	0.22	0.3	<0.01	0.3	<0.1	0.74	<1	0.6	<0.2	<2	N.A.
1111310	Rock	0.014	6	2	0.16	20	0.032	<1	0.45	0.032	0.13	60.5	<0.01	0.6	0.2	5.10	3	5.1	1.3	20	N.A.
1111311	Rock	0.126	2	2	1.09	71	0.245	<1	1.55	0.088	0.84	9.0	<0.01	2.5	1.1	1.80	5	1.0	<0.2	<2	N.A.
1111312	Rock	0.088	14	6	0.11	52	0.062	<1	0.38	0.082	0.04	41.5	<0.01	1.1	<0.1	1.88	2	1.5	<0.2	<2	N.A.
1111313	Rock	0.021	4	38	0.42	54	0.084	1	1.18	0.106	0.26	>100	<0.01	2.6	0.4	1.16	4	1.6	0.3	<2	0.002
1111314	Rock	0.016	5	<1	0.02	158	0.002	<1	0.20	0.039	0.14	10.4	<0.01	0.4	<0.1	0.24	<1	<0.5	<0.2	<2	N.A.
1111315	Rock	0.007	9	5	0.23	66	0.048	<1	0.42	0.060	0.20	11.3	<0.01	1.3	<0.1	0.72	3	0.7	<0.2	<2	N.A.
1111137	Rock	0.019	7	2	0.58	101	0.069	1	0.91	0.071	0.42	35.7	<0.01	1.7	0.4	0.66	4	<0.5	<0.2	<2	N.A.
1111138	Rock	0.034	12	<1	0.04	203	0.002	<1	0.27	0.027	0.20	0.3	<0.01	0.5	<0.1	0.49	<1	1.0	<0.2	<2	N.A.
1111139	Rock	0.052	4	1	0.43	103	0.123	1	0.75	0.055	0.16	31.8	<0.01	1.0	<0.1	1.23	3	1.7	<0.2	<2	N.A.
1111140	Rock	0.042	10	2	0.40	59	0.043	<1	0.58	0.045	0.14	0.6	<0.01	1.0	<0.1	1.25	2	0.9	<0.2	<2	N.A.
1111141	Rock	0.071	2	17	1.35	56	0.173	<1	2.18	0.159	0.78	1.0	<0.01	4.4	0.6	1.82	6	3.5	0.2	<2	N.A.
1111142	Rock	0.030	9	2	0.14	98	0.047	<1	0.60	0.074	0.08	>100	<0.01	1.0	<0.1	0.75	2	1.3	<0.2	<2	<0.001
1111143	Rock	0.082	2	4	0.28	123	0.042	<1	0.93	0.050	0.17	6.1	<0.01	1.8	<0.1	<0.05	3	<0.5	<0.2	<2	N.A.
1111144	Rock	0.061	7	9	0.95	215	0.144	<1	1.57	0.104	0.87	32.9	<0.01	1.8	0.9	0.41	5	<0.5	<0.2	<2	N.A.

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Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000302.3

		Method	7KP
		Analyte	W
		Unit	%
		MDL	0.005
1111226	Rock		N.A.
1111227	Rock		N.A.
1111228	Rock		N.A.
1111229	Rock		N.A.
1111230	Rock		N.A.
1111231	Rock		N.A.
1111232	Rock		N.A.
1111233	Rock		N.A.
1111305	Rock		N.A.
1111306	Rock		N.A.
1111307	Rock		N.A.
1111308	Rock		N.A.
1111309	Rock		N.A.
1111310	Rock		N.A.
1111311	Rock		N.A.
1111312	Rock		N.A.
1111313	Rock		0.029
1111314	Rock		N.A.
1111315	Rock		N.A.
1111137	Rock		N.A.
1111138	Rock		N.A.
1111139	Rock		N.A.
1111140	Rock		N.A.
1111141	Rock		N.A.
1111142	Rock		0.016
1111143	Rock		N.A.
1111144	Rock		N.A.

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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000302.3

	Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
580556	Rock	1.68	4.7	60.6	22.2	9	0.2	0.9	2.1	146	0.63	9.5	1.6	1.6	5.6	5	<0.1	0.1	0.5	5	0.04
REP 580556	QC																				
580567	Rock	1.71	2.9	13.0	36.2	46	0.9	2.8	3.4	237	0.94	4.4	2.3	<0.5	10.0	14	0.7	0.2	3.2	7	0.26
REP 580567	QC		3.4	13.8	37.8	45	0.9	2.8	3.6	246	1.00	4.6	2.5	<0.5	10.5	14	0.8	0.3	3.4	8	0.27
REP 1111139	QC																				
1111140	Rock	2.12	1.5	157.6	17.5	44	0.4	3.4	4.3	292	1.58	<0.5	3.7	0.7	8.9	15	0.1	<0.1	1.0	11	0.43
REP 1111140	QC		1.6	165.7	18.5	47	0.4	3.9	4.5	313	1.66	0.6	4.0	<0.5	9.2	16	0.2	<0.1	1.0	11	0.44
Core Reject Duplicates																					
580569	Rock	1.39	7.8	4.9	32.3	17	0.8	0.1	0.4	40	0.34	2.0	1.8	<0.5	7.9	12	0.4	0.4	2.4	<2	0.03
DUP 580569	QC		7.4	4.6	32.0	15	0.8	<0.1	0.4	33	0.32	0.9	2.0	<0.5	8.7	13	0.2	0.4	2.2	<2	0.03
1111139	Rock	2.05	2.5	15.6	39.1	38	0.5	0.4	4.7	271	2.09	0.6	0.4	<0.5	2.4	20	0.1	<0.1	2.5	15	0.47
DUP 1111139	QC		2.9	16.2	39.4	38	0.5	0.6	4.9	285	2.19	<0.5	0.4	1.1	2.4	21	0.1	<0.1	3.2	16	0.47
Reference Materials																					
STD DS8	Standard		11.9	118.2	131.5	333	2.0	39.6	8.3	653	2.60	27.3	2.8	121.8	7.1	65	2.4	5.0	6.5	42	0.76
STD DS8	Standard		12.9	104.9	114.2	295	1.7	36.3	7.2	591	2.33	23.6	2.5	110.2	6.3	58	2.1	4.6	5.7	38	0.70
STD DS8	Standard		12.7	107.2	116.3	313	1.8	38.7	7.5	630	2.44	25.1	2.9	105.9	7.2	70	2.2	6.0	6.5	39	0.71
STD DS8	Standard		13.1	111.1	121.2	320	1.7	37.4	7.3	638	2.49	25.9	2.7	108.5	7.0	72	2.4	5.8	6.8	39	0.73
STD NBLG	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD W107	Standard																				
STD OXC88 Expected																					
STD OXH82 Expected																					
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7

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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000302.3

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	3B	7KP
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au	Mo
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppb	%
	MDL	0.001	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	2	0.001
Pulp Duplicates																					
580556	Rock	0.021	3	18	0.05	140	0.007	2	0.25	0.018	0.15	1.5	<0.01	0.7	<0.1	0.11	<1	<0.5	<0.2	5	N.A.
REP 580556	QC																			4	
580567	Rock	0.031	8	1	0.14	266	0.010	2	0.46	0.032	0.23	>100	0.03	1.1	0.1	0.55	2	<0.5	<0.2	5	<0.001
REP 580567	QC	0.033	9	2	0.15	260	0.010	1	0.48	0.033	0.25	>100	0.05	1.1	0.1	0.58	2	<0.5	<0.2		<0.001
REP 1111139	QC																			<2	
1111140	Rock	0.042	10	2	0.40	59	0.043	<1	0.58	0.045	0.14	0.6	<0.01	1.0	<0.1	1.25	2	0.9	<0.2	<2	N.A.
REP 1111140	QC	0.044	11	3	0.41	64	0.044	<1	0.60	0.046	0.15	0.7	<0.01	1.1	<0.1	1.30	3	0.7	<0.2		
Core Reject Duplicates																					
580569	Rock	0.009	4	<1	<0.01	119	<0.001	1	0.25	0.024	0.12	47.3	<0.01	0.2	<0.1	<0.05	<1	<0.5	0.3	<2	N.A.
DUP 580569	QC	0.010	4	<1	<0.01	117	<0.001	<1	0.24	0.022	0.11	46.4	0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	<2	N.A.
1111139	Rock	0.052	4	1	0.43	103	0.123	1	0.75	0.055	0.16	31.8	<0.01	1.0	<0.1	1.23	3	1.7	<0.2	<2	N.A.
DUP 1111139	QC	0.054	4	<1	0.44	93	0.129	<1	0.77	0.059	0.16	36.9	<0.01	1.3	0.1	1.28	3	1.6	<0.2	<2	N.A.
Reference Materials																					
STD DS8	Standard	0.087	15	124	0.65	278	0.115	3	1.00	0.097	0.46	3.3	0.21	2.3	5.6	0.17	5	5.0	5.4		
STD DS8	Standard	0.076	14	114	0.59	252	0.107	2	0.89	0.085	0.37	2.8	0.18	2.0	4.9	0.16	4	4.7	4.7		
STD DS8	Standard	0.076	14	115	0.61	274	0.117	3	0.93	0.092	0.41	2.9	0.18	1.9	4.9	0.15	5	6.1	5.4		
STD DS8	Standard	0.081	15	117	0.62	273	0.118	2	0.98	0.097	0.44	2.9	0.21	1.9	5.2	0.15	5	5.4	5.2		
STD NBLG	Standard																				0.002
STD OXC88	Standard																			193	
STD OXC88	Standard																			192	
STD OXC88	Standard																			211	
STD OXH82	Standard																			1252	
STD OXH82	Standard																			1286	
STD OXH82	Standard																			1354	
STD W107	Standard																				0.043
STD OXC88 Expected																				203	
STD OXH82 Expected																				1278	
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5		

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Acme Analytical Laboratories (Vancouver) Ltd.
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Phone (604) 253-3158 Fax (604) 253-1716
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000302.3

		Method	7KP
		Analyte	W
		Unit	%
		MDL	0.005
Pulp Duplicates			
580556	Rock		N.A.
REP 580556	QC		
580567	Rock		0.021
REP 580567	QC		0.020
REP 1111139	QC		
1111140	Rock		N.A.
REP 1111140	QC		
Core Reject Duplicates			
580569	Rock		N.A.
DUP 580569	QC		N.A.
1111139	Rock		N.A.
DUP 1111139	QC		N.A.
Reference Materials			
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD NBLG	Standard		<0.005
STD OXC88	Standard		
STD OXC88	Standard		
STD OXC88	Standard		
STD OXH82	Standard		
STD OXH82	Standard		
STD OXH82	Standard		
STD W107	Standard		0.430
STD OXC88 Expected			
STD OXH82 Expected			
STD DS8 Expected			

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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000302.3

		WGHT Wgt kg 0.01	1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 U ppm 0.1	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01
STD W107 Expected																						
BLK	Blank																					
BLK	Blank																					
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank																					
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank																					
Prep Wash																						
G1	Prep Blank		<0.1	1.5	2.9	48	<0.1	3.4	4.5	554	1.88	<0.5	1.4	2.4	4.8	49	<0.1	<0.1	<0.1	35	0.41
G1	Prep Blank		0.1	1.6	3.2	51	<0.1	3.8	4.4	553	1.84	<0.5	1.5	1.6	5.0	52	<0.1	<0.1	<0.1	35	0.47

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QUALITY CONTROL REPORT WHI11000302.3

		1DX15 P % 0.001	1DX15 La ppm 1	1DX15 Cr ppm 1	1DX15 Mg % 0.01	1DX15 Ba ppm 1	1DX15 Ti % 0.001	1DX15 B ppm 1	1DX15 Al % 0.01	1DX15 Na % 0.001	1DX15 K % 0.01	1DX15 W ppm 0.1	1DX15 Hg ppm 0.01	1DX15 Sc ppm 0.1	1DX15 Tl ppm 0.1	1DX15 S % 0.05	1DX15 Ga ppm 1	1DX15 Se ppm 0.5	1DX15 Te ppm 0.2	3B Au ppb 2	7KP Mo % 0.001
STD W107 Expected																					0.045
BLK	Blank																			<2	
BLK	Blank																			<2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																			<2	
BLK	Blank																			<2	
BLK	Blank																			<2	
BLK	Blank																			<2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2		
BLK	Blank																				<0.001
Prep Wash																					
G1	Prep Blank	0.070	8	7	0.59	225	0.094	<1	0.93	0.067	0.48	0.3	<0.01	1.8	0.3	<0.05	5	0.6	<0.2	8	N.A.
G1	Prep Blank	0.068	9	13	0.59	214	0.098	<1	0.97	0.071	0.47	0.3	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	25	N.A.

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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000302.3

		7KPW % 0.005
STD W107 Expected		0.42
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	
BLK	Blank	<0.005
Prep Wash		
G1	Prep Blank	N.A.
G1	Prep Blank	N.A.

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Acme Analytical Laboratories (Whitehorse) Ltd.
77 Collins Lane Whitehorse YK Y1A 0A8 Canada

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 04, 2011
Report Date: December 04, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000443.3

CLIENT JOB INFORMATION

Project: BRIDGET
Shipment ID:
P.O. Number
Number of Samples: 38

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	38	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3A01	38	Ignite samples, acid digest, Au by ICP-MS	15	Completed	VAN
1DX1	38	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7KP1	3	Phosphoric acid leach, ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 3; 7KP analysis included

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS WHI11000443.3

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
580570	Rock	1.87	1.4	86.0	6.1	43.7	9	0.6	0.6	0.5	121	0.34	4.4	4.9	<0.5	10.4	4	0.2	0.1	29.5	<2
580571	Rock	1.71	1.4	104.9	40.4	42.0	11	0.4	1.7	1.4	95	0.71	13.3	2.6	1.0	9.3	8	0.3	0.3	3.2	2
580572	Rock	1.05	1.9	24.9	6.3	31.1	6	0.7	0.7	0.6	35	0.37	2.5	2.5	0.7	7.9	2	<0.1	0.1	10.5	<2
580573	Rock	1.54	0.8	153.0	9.8	35.4	5	0.2	0.7	0.8	83	0.31	2.0	4.2	<0.5	11.4	3	0.3	0.5	0.6	<2
580574	Rock	1.21	<0.5	6.7	9.2	9.7	3	0.1	0.6	0.3	26	0.26	1.0	1.0	<0.5	5.5	2	<0.1	<0.1	1.9	<2
580575	Rock	2.29	0.8	33.0	9.6	53.7	5	0.5	0.7	1.0	58	0.30	3.1	2.2	<0.5	7.5	1	0.1	<0.1	33.9	<2
580576	Rock	1.37	0.6	0.4	7.2	262.5	61	0.9	1.3	1.3	199	0.64	11.6	1.9	<0.5	9.7	7	0.7	0.2	1.5	4
580577	Rock	1.59	0.8	0.6	36.3	38.0	30	0.5	2.0	1.3	227	0.78	10.3	3.1	<0.5	9.6	9	0.8	<0.1	1.4	7
580578	Rock	1.84	0.7	0.5	10.4	67.0	35	0.8	1.6	1.2	188	0.72	10.3	2.3	<0.5	9.7	8	0.6	<0.1	1.9	5
580579	Rock	2.12	<0.5	0.3	19.4	40.0	55	0.4	3.8	3.2	448	1.70	1.2	2.0	<0.5	5.5	26	0.2	<0.1	0.3	24
1111145	Rock	2.05	0.6	13.8	14.8	9.2	106	0.4	3.5	15.6	858	4.41	1.0	<0.1	0.6	0.1	39	<0.1	<0.1	4.0	113
1111146	Rock	1.46	<0.5	2.3	18.2	1.9	43	<0.1	3.5	11.1	425	2.43	0.8	<0.1	<0.5	<0.1	10	<0.1	<0.1	0.2	80
1111147	Rock	1.77	<0.5	3.6	4.7	9.4	13	<0.1	0.7	0.7	76	0.58	1.2	1.1	<0.5	10.1	3	<0.1	<0.1	0.8	4
1111148	Rock	2.41	1.5	14.3	23.0	13.7	47	0.2	3.1	15.6	280	3.42	4.7	0.4	<0.5	<0.1	12	0.1	<0.1	0.9	61
1111149	Rock	1.72	1.2	241.6	4.5	38.4	2	2.0	0.8	0.2	18	0.45	1.2	<0.1	<0.5	<0.1	2	0.2	0.3	134.3	<2
1111150	Rock	1.72	2.4	23.7	7.9	159.8	12	4.1	2.9	0.5	44	0.56	1.1	<0.1	1.1	0.2	2	<0.1	<0.1	8.2	3
1111151	Rock	1.77	0.7	0.2	1.0	1.0	19	<0.1	5.3	16.7	116	3.27	<0.5	0.6	<0.5	3.6	6	<0.1	<0.1	0.1	59
1111152	Rock	1.80	18.2	0.1	53.1	1.6	10	0.2	8.5	12.9	115	4.12	<0.5	0.5	14.2	3.6	9	<0.1	<0.1	<0.1	73
1111153	Rock	1.50	2.7	2.3	4.3	4.2	13	0.1	1.1	0.8	93	0.76	1.0	1.0	0.9	5.7	7	<0.1	<0.1	<0.1	3
1111154	Rock	1.71	0.8	0.9	3.0	1.5	<1	<0.1	0.5	0.3	19	0.50	<0.5	0.7	<0.5	5.1	4	<0.1	<0.1	<0.1	<2
1111234	Rock	0.74	0.9	2.5	11.1	5.8	10	0.2	0.9	0.6	77	0.83	5.5	0.8	<0.5	10.7	4	<0.1	<0.1	0.3	3
1111235	Rock	2.25	<0.5	1.0	29.7	21.1	24	0.2	3.1	4.7	123	1.40	1.3	1.7	<0.5	7.6	29	0.2	<0.1	1.7	2
1111236	Rock	1.94	<0.5	25.0	16.0	55.6	37	1.7	1.6	2.7	210	0.96	1.7	0.6	<0.5	3.9	6	0.3	<0.1	20.6	5
1111237	Rock	1.39	<0.5	16.2	15.1	7.4	27	<0.1	0.8	0.3	144	0.81	0.6	1.0	<0.5	5.6	4	<0.1	<0.1	1.2	2
1111238	Rock	2.61	0.7	24.5	16.9	14.5	20	0.2	1.1	1.1	126	0.55	1.4	0.9	<0.5	5.5	3	0.1	<0.1	2.8	<2
1111239	Rock	2.83	<0.5	3.2	5.6	12.5	11	0.1	0.5	0.1	71	0.38	0.7	0.5	<0.5	5.0	2	<0.1	<0.1	0.7	<2
1111240	Rock	1.63	<0.5	25.4	17.0	29.2	30	0.4	1.3	0.8	158	0.92	1.5	2.3	<0.5	5.7	17	0.2	0.2	20.8	14
1111241	Rock	1.65	0.7	15.0	16.0	30.6	24	0.4	1.3	0.9	143	0.61	5.1	3.8	<0.5	10.4	15	0.2	0.5	16.2	8
1111242	Rock	1.47	1.5	30.1	19.0	38.9	12	0.5	0.4	0.2	37	0.53	1.8	1.2	1.5	4.9	13	0.1	<0.1	9.0	<2
1111243	Rock	1.02	<0.5	0.2	2.1	31.0	31	0.2	1.3	0.6	353	0.36	4.9	3.3	18.9	3.4	16	0.5	0.2	0.9	<2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS WHI11000443.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
580570	Rock	0.03	0.012	5	<1	<0.01	92	0.001	<20	0.24	0.049	0.17	2.2	<0.01	0.4	<0.1	0.06	1	<0.5	<0.2	N.A.
580571	Rock	0.12	0.050	5	8	0.03	151	0.002	<20	0.34	0.038	0.25	>100	<0.01	0.7	0.1	0.32	1	<0.5	<0.2	0.012
580572	Rock	0.02	0.005	3	<1	0.02	12	<0.001	<20	0.26	0.040	0.16	1.2	<0.01	0.4	<0.1	0.08	<1	<0.5	0.2	N.A.
580573	Rock	0.06	0.003	3	8	<0.01	50	<0.001	<20	0.18	0.040	0.15	1.6	<0.01	0.5	<0.1	0.12	<1	<0.5	<0.2	N.A.
580574	Rock	0.02	0.007	3	<1	<0.01	10	<0.001	<20	0.19	0.041	0.13	32.7	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580575	Rock	0.01	0.002	2	8	<0.01	19	<0.001	<20	0.19	0.040	0.15	7.5	<0.01	0.4	<0.1	0.07	<1	<0.5	0.2	N.A.
580576	Rock	0.19	0.019	8	<1	0.09	43	0.011	<20	0.42	0.039	0.19	3.0	<0.01	0.8	0.1	0.10	2	<0.5	0.4	N.A.
580577	Rock	0.14	0.020	7	9	0.15	51	0.020	<20	0.47	0.051	0.18	5.6	<0.01	1.4	0.2	0.16	3	<0.5	<0.2	N.A.
580578	Rock	0.14	0.019	8	2	0.12	78	0.015	<20	0.43	0.044	0.16	1.9	<0.01	1.0	<0.1	0.13	2	<0.5	<0.2	N.A.
580579	Rock	0.30	0.054	7	3	0.62	246	0.070	<20	0.90	0.051	0.14	32.6	<0.01	1.6	<0.1	0.50	5	<0.5	<0.2	N.A.
1111145	Rock	0.81	0.076	<1	7	1.51	186	0.214	<20	1.82	0.098	0.92	>100	<0.01	4.9	1.0	2.07	7	0.7	0.3	0.028
1111146	Rock	0.98	0.063	<1	4	0.83	59	0.090	<20	1.22	0.171	0.17	3.8	<0.01	6.3	0.1	0.19	4	<0.5	<0.2	N.A.
1111147	Rock	0.03	0.012	8	7	0.06	41	0.007	<20	0.32	0.037	0.17	1.0	<0.01	1.0	<0.1	<0.05	2	<0.5	<0.2	N.A.
1111148	Rock	0.48	0.044	<1	12	0.69	30	0.212	<20	1.04	0.031	0.12	0.7	<0.01	2.8	<0.1	2.14	3	0.5	0.2	N.A.
1111149	Rock	<0.01	<0.001	<1	18	<0.01	40	<0.001	<20	0.02	0.003	0.03	18.2	<0.01	<0.1	<0.1	0.18	<1	<0.5	0.5	N.A.
1111150	Rock	0.02	0.012	<1	4	0.06	38	0.002	<20	0.10	0.006	0.06	>100	<0.01	0.3	<0.1	0.06	<1	<0.5	0.7	0.017
1111151	Rock	0.03	0.008	21	6	0.26	28	0.101	<20	0.67	0.050	0.05	0.3	<0.01	6.2	<0.1	<0.05	5	<0.5	<0.2	N.A.
1111152	Rock	0.07	0.020	14	7	0.16	54	0.046	<20	0.68	0.039	0.07	0.3	<0.01	3.9	<0.1	<0.05	5	<0.5	<0.2	N.A.
1111153	Rock	0.13	0.010	9	10	0.15	82	0.047	<20	0.48	0.058	0.16	0.3	<0.01	1.8	<0.1	0.08	2	<0.5	<0.2	N.A.
1111154	Rock	0.04	0.006	1	<1	<0.01	43	0.001	<20	0.20	0.045	0.06	0.3	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	N.A.
1111234	Rock	0.05	0.005	6	10	0.09	73	0.012	<20	0.29	0.044	0.10	4.1	<0.01	1.2	<0.1	0.25	2	<0.5	<0.2	N.A.
1111235	Rock	0.35	0.044	11	<1	0.05	276	<0.001	<20	0.32	0.027	0.24	0.4	<0.01	0.7	<0.1	0.77	<1	<0.5	<0.2	N.A.
1111236	Rock	0.22	0.010	12	12	0.25	58	0.022	<20	0.55	0.033	0.11	52.8	<0.01	0.9	<0.1	0.09	3	<0.5	<0.2	N.A.
1111237	Rock	0.03	0.010	10	<1	0.16	65	0.015	<20	0.46	0.044	0.19	0.9	<0.01	0.8	<0.1	<0.05	3	<0.5	<0.2	N.A.
1111238	Rock	0.03	0.011	12	1	0.05	51	0.001	<20	0.32	0.033	0.16	5.9	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2	N.A.
1111239	Rock	0.03	0.010	7	<1	0.04	57	0.002	<20	0.27	0.033	0.15	2.4	<0.01	0.2	<0.1	<0.05	1	<0.5	<0.2	N.A.
1111240	Rock	0.20	0.029	5	2	0.21	39	0.034	<20	0.52	0.031	0.21	28.8	<0.01	1.2	0.2	<0.05	3	<0.5	<0.2	N.A.
1111241	Rock	0.13	0.021	7	2	0.16	97	0.024	<20	0.45	0.037	0.22	8.9	<0.01	1.0	0.2	<0.05	2	<0.5	<0.2	N.A.
1111242	Rock	0.02	0.010	15	1	0.03	109	0.003	<20	0.27	0.037	0.18	19.5	<0.01	0.3	<0.1	0.11	1	0.7	<0.2	N.A.
1111243	Rock	0.33	0.010	4	<1	0.02	101	<0.001	<20	0.33	0.029	0.23	0.3	<0.01	0.5	0.1	<0.05	1	<0.5	<0.2	N.A.

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Acme Analytical Laboratories (Whitehorse) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS WHI11000443.3

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
1111244	Rock	0.90	3.7	1.9	15.5	2.8	24	<0.1	1.7	2.5	174	2.26	2.4	<0.1	1.7	0.2	29	<0.1	<0.1	0.3	21
1111245	Rock	1.24	0.9	0.1	4.7	3.1	57	<0.1	2.3	10.9	459	2.61	0.8	<0.1	<0.5	<0.1	21	<0.1	<0.1	<0.1	69
1111246	Rock	1.75	0.7	<0.1	0.9	16.2	15	<0.1	0.3	0.2	315	0.15	1.5	1.4	<0.5	3.6	5	0.2	<0.1	1.1	<2
1111247	Rock	1.69	1.1	5.7	20.2	0.6	11	<0.1	2.2	3.0	128	1.68	0.8	2.8	<0.5	9.6	8	<0.1	<0.1	<0.1	29
580580	Rock	2.14	0.9	1.3	30.5	9.4	70	0.2	3.7	3.4	83	1.46	2.3	2.4	<0.5	10.4	9	1.3	<0.1	0.3	7
580581	Rock	1.29	<0.5	1.3	8.6	18.9	13	0.2	1.0	1.2	103	0.74	4.7	2.0	<0.5	9.3	10	0.2	0.2	1.2	3
580582	Rock	1.38	<0.5	5.8	122.2	13.7	47	0.5	3.3	2.7	303	1.46	1.0	2.5	<0.5	8.1	21	0.1	<0.1	1.7	23
580583	Rock	1.45	3.0	41.7	17.2	11.4	53	0.2	6.4	6.9	435	1.75	1.8	1.1	1.8	5.2	29	0.1	<0.1	0.6	32

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
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Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS WHI11000443.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
1111244	Rock	0.92	0.063	<1	2	0.39	12	0.065	<20	1.17	0.014	0.01	0.4	<0.01	2.6	<0.1	0.07	3	0.7	<0.2	N.A.
1111245	Rock	0.84	0.091	<1	3	0.72	43	0.096	<20	1.27	0.083	0.12	0.3	<0.01	3.9	<0.1	<0.05	4	<0.5	<0.2	N.A.
1111246	Rock	0.06	0.030	4	<1	<0.01	94	<0.001	<20	0.31	0.047	0.23	0.4	<0.01	0.3	0.1	<0.05	1	<0.5	<0.2	N.A.
1111247	Rock	0.15	0.056	25	2	0.30	25	0.003	<20	0.91	0.010	0.08	<0.1	<0.01	3.1	<0.1	<0.05	2	<0.5	<0.2	N.A.
580580	Rock	0.22	0.025	16	4	0.10	52	0.047	<20	0.30	0.068	0.08	1.0	<0.01	1.0	<0.1	0.79	1	<0.5	<0.2	N.A.
580581	Rock	0.19	0.018	6	1	0.06	171	0.006	<20	0.36	0.045	0.19	4.0	<0.01	0.8	<0.1	0.26	2	<0.5	<0.2	N.A.
580582	Rock	0.21	0.041	8	4	0.46	298	0.076	<20	0.71	0.054	0.24	3.7	<0.01	1.9	0.1	0.44	4	<0.5	<0.2	N.A.
580583	Rock	0.58	0.057	7	9	0.78	95	0.085	<20	1.34	0.098	0.35	14.6	<0.01	1.8	0.4	0.79	5	<0.5	<0.2	N.A.

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Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT WHI11000443.3

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
1111152	Rock	1.80	18.2	0.1	53.1	1.6	10	0.2	8.5	12.9	115	4.12	<0.5	0.5	14.2	3.6	9	<0.1	<0.1	<0.1	73
REP 1111152	QC		23.7																		
1111238	Rock	2.61	0.7	24.5	16.9	14.5	20	0.2	1.1	1.1	126	0.55	1.4	0.9	<0.5	5.5	3	0.1	<0.1	2.8	<2
REP 1111238	QC			26.2	17.2	14.9	21	0.2	1.0	1.2	127	0.57	1.4	1.0	<0.5	5.7	3	0.1	<0.1	2.7	<2
Core Reject Duplicates																					
1111150	Rock	1.72	2.4	23.7	7.9	159.8	12	4.1	2.9	0.5	44	0.56	1.1	<0.1	1.1	0.2	2	<0.1	<0.1	8.2	3
DUP 1111150	QC		1.7	26.3	8.1	167.8	12	4.2	2.5	0.4	39	0.54	1.0	<0.1	5.3	0.2	1	<0.1	<0.1	8.1	2
Reference Materials																					
STD CDN-GS-P3A	Standard		357.9																		
STD CDN-GS-P3A	Standard		378.3																		
STD CDN-GS-P3A	Standard		376.1																		
STD DS8	Standard			14.2	123.7	129.4	331	2.0	42.0	8.2	637	2.56	28.7	2.9	174.6	6.4	64	2.4	4.5	7.2	44
STD DS8	Standard			13.5	101.2	111.6	305	1.7	36.7	7.1	602	2.41	25.4	2.4	96.8	5.5	60	2.3	3.5	5.7	40
STD NBLG	Standard																				
STD OREAS45CA	Standard			0.8	498.3	17.7	59	0.3	255.2	89.5	900	14.47	3.9	1.0	35.5	6.1	14	<0.1	<0.1	0.2	223
STD OREAS45CA	Standard			0.7	485.0	16.9	58	0.3	242.4	87.0	902	15.29	3.8	1.0	38.9	5.9	13	<0.1	<0.1	0.2	207
STD W107	Standard																				
STD CDN-GS-P3A Expected			338																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215
STD W107 Expected																					
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT WHI11000443.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
Pulp Duplicates																					
1111152	Rock	0.07	0.020	14	7	0.16	54	0.046	<20	0.68	0.039	0.07	0.3	<0.01	3.9	<0.1	<0.05	5	<0.5	<0.2	N.A.
REP 1111152	QC																				
1111238	Rock	0.03	0.011	12	1	0.05	51	0.001	<20	0.32	0.033	0.16	5.9	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2	N.A.
REP 1111238	QC	0.03	0.011	13	<1	0.05	51	0.001	<20	0.32	0.033	0.16	6.0	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2	
Core Reject Duplicates																					
1111150	Rock	0.02	0.012	<1	4	0.06	38	0.002	<20	0.10	0.006	0.06	>100	<0.01	0.3	<0.1	0.06	<1	<0.5	0.7	0.017
DUP 1111150	QC	0.02	0.012	<1	4	0.06	35	0.002	<20	0.09	0.005	0.05	>100	<0.01	0.2	0.1	0.06	<1	<0.5	1.0	N.A.
Reference Materials																					
STD CDN-GS-P3A	Standard																				
STD CDN-GS-P3A	Standard																				
STD CDN-GS-P3A	Standard																				
STD DS8	Standard	0.73	0.084	14	121	0.63	303	0.111	<20	0.95	0.091	0.43	2.8	0.21	2.2	5.1	0.18	5	4.5	5.3	
STD DS8	Standard	0.71	0.078	13	111	0.60	290	0.096	<20	0.91	0.088	0.40	3.0	0.19	2.0	5.3	0.17	5	5.8	4.8	
STD NBLG	Standard																				<0.005
STD OREAS45CA	Standard	0.41	0.037	15	731	0.13	157	0.131	<20	3.47	0.007	0.07	<0.1	0.03	36.5	<0.1	<0.05	18	<0.5	<0.2	
STD OREAS45CA	Standard	0.43	0.039	14	769	0.14	164	0.116	<20	3.45	0.009	0.07	0.3	0.03	35.2	<0.1	<0.05	18	0.6	<0.2	
STD W107	Standard																				0.422
STD CDN-GS-P3A Expected																					
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
STD W107 Expected																					0.42
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																				
BLK	Blank																				

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT WHI11000443.3

		WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		1.4	<0.1	2.5	3.4	48	<0.1	3.3	4.1	568	1.99	2.0	1.2	2.8	4.2	59	<0.1	<0.1	<0.1	38
G1	Prep Blank		3.0	<0.1	2.1	5.4	48	<0.1	3.4	3.9	543	1.90	8.6	1.4	2.7	4.5	55	<0.1	0.2	<0.1	36

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Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT WHI11000443.3

		1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2	7KP W % 0.005
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.49	0.075	8	7	0.59	222	0.112	<20	1.01	0.083	0.47	0.3	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	N.A.
G1	Prep Blank	0.55	0.077	9	12	0.60	220	0.112	<20	0.97	0.075	0.46	0.4	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	N.A.

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Client: **Ethos Capital Corp.**
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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: December 04, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000471.3

CLIENT JOB INFORMATION

Project: BRIDGET
Shipment ID:
P.O. Number
Number of Samples: 21

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	21	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3A01	21	Ignite samples, acid digest, Au by ICP-MS	15	Completed	VAN
1DX1	21	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7KP1	1	Phosphoric acid leach, ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 3; 7KP analysis included

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Client: **Ethos Capital Corp.**
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Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS WHI11000471.3

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
580590	Rock	1.27	<0.5	10.3	6.4	42.2	21	1.2	0.6	0.3	28	0.38	3.0	2.1	<0.5	8.4	12	0.3	0.3	11.3	<2
580591	Rock	1.42	<0.5	13.7	5.3	69.9	39	1.7	0.5	0.3	33	0.33	2.1	2.4	4.3	6.3	13	0.1	0.4	6.6	<2
580592	Rock	1.63	17.3	41.7	5.4	6.6	<1	0.2	0.4	0.6	13	0.91	11.9	1.4	35.3	4.4	5	<0.1	0.3	2.1	<2
580593	Rock	1.36	0.9	31.5	41.2	16.8	15	0.3	1.2	0.8	55	0.78	1.2	1.3	<0.5	8.4	14	0.1	0.3	0.6	6
580594	Rock	1.63	1.1	27.5	6.2	18.6	9	0.2	0.6	0.4	21	0.59	1.4	1.4	<0.5	7.7	12	<0.1	<0.1	0.6	<2
580595	Rock	1.22	0.9	78.4	49.9	29.4	130	0.7	4.4	2.5	79	1.80	15.7	3.2	0.7	4.1	12	0.2	10.5	3.6	14
580596	Rock	0.77	<0.5	9.4	5.9	14.0	40	0.4	1.0	0.5	24	0.61	3.0	1.7	<0.5	8.1	10	0.3	0.5	2.2	3
580597	Rock	1.28	1.9	67.6	16.0	129.3	23	4.4	0.7	0.8	55	0.46	2.3	3.1	1.3	7.7	6	1.1	0.3	134.7	<2
580598	Rock	1.41	1.1	34.7	22.1	106.4	19	2.2	0.8	0.7	35	0.50	2.5	2.8	1.7	8.7	7	0.8	0.1	101.3	<2
580599	Rock	1.22	<0.5	8.4	19.6	18.7	44	0.2	3.7	1.7	163	1.02	1.5	2.0	<0.5	8.8	24	0.2	<0.1	1.3	10
580601	Rock	1.73	2.0	4.2	15.1	207.3	14	2.0	0.4	0.2	24	0.39	1.7	3.6	1.2	8.7	5	0.1	<0.1	3.9	<2
T580600	Silt	0.56	1.1	4.3	13.0	12.0	57	0.2	8.5	7.5	316	1.98	3.9	0.5	3.8	1.2	18	0.2	0.1	0.9	40
1111169	Rock	1.90	1.4	18.2	5.3	21.9	45	0.3	0.6	0.4	27	0.53	1.0	2.0	<0.5	9.4	4	0.3	0.3	1.2	<2
1111170	Rock	1.53	<0.5	5.3	7.8	7.3	6	<0.1	0.8	0.4	23	0.24	1.0	2.9	0.7	7.0	4	0.2	<0.1	0.2	<2
1111171	Rock	1.32	0.8	1.5	53.3	12.4	95	0.4	23.2	8.3	380	1.85	1.2	1.5	0.7	10.7	47	0.6	<0.1	1.3	32
1111172	Rock	1.44	<0.5	8.7	2.1	15.4	16	<0.1	0.7	1.1	302	0.41	2.1	1.9	<0.5	10.1	5	<0.1	<0.1	0.1	<2
1111173	Rock	1.70	<0.5	0.4	92.2	18.5	123	0.4	50.4	12.7	605	2.00	2.9	1.1	0.6	9.0	63	0.3	0.1	1.2	35
1111174	Rock	1.07	<0.5	0.2	12.4	3.2	29	<0.1	3.7	4.6	205	1.09	0.7	0.6	1.0	6.1	35	<0.1	<0.1	<0.1	14
1111175	Rock	0.97	0.6	<0.1	1.6	0.5	1	<0.1	0.7	0.4	22	0.23	0.6	<0.1	0.9	<0.1	2	<0.1	<0.1	<0.1	3
1111176	Rock	1.37	2.3	0.4	26.8	1.4	2	<0.1	0.8	8.4	61	1.81	0.8	0.3	<0.5	0.6	124	<0.1	<0.1	<0.1	42
1111177	Rock	1.03	<0.5	0.1	4.7	0.2	1	<0.1	0.8	0.5	22	0.25	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2

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Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

CERTIFICATE OF ANALYSIS WHI11000471.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
580590	Rock	0.02	0.011	4	5	0.01	30	<0.001	<20	0.29	0.032	0.16	25.4	0.12	0.4	<0.1	<0.05	<1	<0.5	0.3	N.A.
580591	Rock	0.02	0.009	4	3	<0.01	14	<0.001	<20	0.32	0.003	0.12	8.7	0.02	0.2	<0.1	<0.05	<1	<0.5	0.4	N.A.
580592	Rock	<0.01	0.005	3	6	<0.01	66	<0.001	<20	0.25	0.012	0.26	1.7	0.03	0.2	<0.1	0.42	1	0.7	0.4	N.A.
580593	Rock	0.12	0.027	10	8	0.09	70	0.020	<20	0.46	0.036	0.19	5.6	<0.01	0.8	<0.1	<0.05	2	<0.5	<0.2	N.A.
580594	Rock	0.02	0.012	8	10	0.02	83	<0.001	<20	0.24	0.029	0.21	2.9	<0.01	0.4	<0.1	0.08	<1	0.5	<0.2	N.A.
580595	Rock	0.02	0.020	4	13	0.02	145	0.001	<20	0.37	0.004	0.12	1.7	0.02	4.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580596	Rock	0.02	0.011	4	3	0.01	43	0.001	<20	0.33	0.016	0.12	5.9	0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580597	Rock	0.11	0.007	2	8	<0.01	29	<0.001	<20	0.18	0.027	0.14	8.4	<0.01	0.2	<0.1	0.31	<1	<0.5	0.7	N.A.
580598	Rock	0.08	0.008	3	7	0.01	81	<0.001	<20	0.23	0.031	0.14	4.0	<0.01	0.2	<0.1	0.31	<1	<0.5	0.4	N.A.
580599	Rock	0.21	0.043	6	7	0.35	171	0.063	<20	0.55	0.050	0.20	32.7	<0.01	0.9	0.1	0.26	2	<0.5	<0.2	N.A.
580601	Rock	0.02	0.009	3	8	0.01	83	0.001	<20	0.22	0.029	0.19	>100	*	0.3	<0.1	0.06	<1	<0.5	0.3	0.041
T580600	Silt	0.29	0.046	5	15	0.49	128	0.062	<20	1.13	0.045	0.16	5.3	0.01	2.1	0.1	<0.05	3	<0.5	<0.2	N.A.
1111169	Rock	0.03	0.015	4	5	<0.01	40	<0.001	<20	0.23	0.042	0.15	54.6	0.02	0.3	<0.1	0.09	<1	<0.5	<0.2	N.A.
1111170	Rock	0.08	0.009	5	13	<0.01	21	<0.001	<20	0.16	0.037	0.13	3.0	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.
1111171	Rock	0.46	0.095	11	34	0.91	184	0.115	<20	1.08	0.055	0.31	88.4	<0.01	1.6	0.3	0.95	4	<0.5	<0.2	N.A.
1111172	Rock	0.03	0.006	4	6	<0.01	49	<0.001	<20	0.22	0.040	0.15	0.5	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.
1111173	Rock	0.65	0.127	11	69	1.41	366	0.135	<20	1.28	0.067	0.29	59.1	0.01	1.6	0.3	0.90	5	<0.5	<0.2	N.A.
1111174	Rock	0.22	0.026	9	16	0.41	140	0.072	<20	0.64	0.082	0.38	0.2	<0.01	0.7	0.1	<0.05	2	<0.5	<0.2	N.A.
1111175	Rock	0.02	0.001	<1	12	0.02	4	0.002	<20	0.05	0.003	<0.01	0.3	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2	N.A.
1111176	Rock	1.46	0.071	2	9	0.05	30	0.212	<20	1.03	0.003	0.02	<0.1	<0.01	3.8	<0.1	0.19	3	<0.5	<0.2	N.A.
1111177	Rock	<0.01	<0.001	<1	13	0.02	5	<0.001	<20	0.03	0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	N.A.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT WHI11000471.3

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
REP 1111169	QC			19.5	5.9	22.9	45	0.3	0.6	0.4	26	0.53	1.1	2.1	<0.5	9.9	5	0.3	0.4	1.4	<2
1111172	Rock	1.44	<0.5	8.7	2.1	15.4	16	<0.1	0.7	1.1	302	0.41	2.1	1.9	<0.5	10.1	5	<0.1	<0.1	0.1	<2
REP 1111172	QC		<0.5																		
Core Reject Duplicates																					
1111169	Rock	1.90	1.4	18.2	5.3	21.9	45	0.3	0.6	0.4	27	0.53	1.0	2.0	<0.5	9.4	4	0.3	0.3	1.2	<2
DUP 1111169	QC		<0.5	15.7	5.1	20.1	44	0.3	0.6	0.4	31	0.53	1.1	1.9	<0.5	9.1	4	0.3	0.4	1.1	<2
Reference Materials																					
STD CDN-GS-P3A	Standard		376.1																		
STD DS8	Standard			13.5	100.7	114.0	293	1.8	34.5	7.2	599	2.33	27.4	2.1	119.1	5.9	60	2.3	3.9	6.0	41
STD DS8	Standard			13.4	112.0	116.6	310	1.6	38.2	7.8	636	2.50	25.5	2.5	115.6	6.7	68	2.0	3.8	5.6	42
STD NBLG	Standard																				
STD OREAS45CA	Standard			0.9	484.9	18.5	59	0.2	242.9	86.4	889	14.64	3.7	1.0	37.0	6.3	14	0.1	0.1	<0.1	209
STD OREAS45CA	Standard			0.7	524.8	20.6	62	0.3	271.1	89.8	942	16.67	3.5	1.2	40.1	6.8	16	<0.1	<0.1	0.2	216
STD W107	Standard																				
STD CDN-GS-P3A Expected			338																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215
STD W107 Expected																					
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank																				
Prep Wash																					
G1	Prep Blank		<0.5	<0.1	1.7	2.7	44	<0.1	4.2	4.3	554	1.91	<0.5	1.4	<0.5	4.5	68	<0.1	<0.1	<0.1	36
G1	Prep Blank		<0.5	<0.1	1.6	2.6	47	<0.1	3.7	4.6	585	1.99	<0.5	1.5	<0.5	4.9	75	<0.1	<0.1	<0.1	38

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 04, 2011

QUALITY CONTROL REPORT WHI11000471.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	W
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.005
Pulp Duplicates																					
REP 1111169	QC	0.04	0.014	4	5	<0.01	41	<0.001	<20	0.24	0.042	0.16	54.7	0.02	0.3	<0.1	0.09	<1	<0.5	<0.2	
1111172	Rock	0.03	0.006	4	6	<0.01	49	<0.001	<20	0.22	0.040	0.15	0.5	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.
REP 1111172	QC																				
Core Reject Duplicates																					
1111169	Rock	0.03	0.015	4	5	<0.01	40	<0.001	<20	0.23	0.042	0.15	54.6	0.02	0.3	<0.1	0.09	<1	<0.5	<0.2	N.A.
DUP 1111169	QC	0.04	0.015	4	6	<0.01	37	<0.001	<20	0.24	0.043	0.15	46.0	<0.01	0.2	<0.1	0.08	<1	<0.5	<0.2	N.A.
Reference Materials																					
STD CDN-GS-P3A	Standard																				
STD DS8	Standard	0.68	0.077	13	110	0.58	282	0.109	<20	0.87	0.082	0.40	2.4	0.19	1.8	5.0	0.16	4	4.3	4.4	
STD DS8	Standard	0.75	0.078	16	120	0.62	294	0.121	<20	0.94	0.092	0.41	2.5	0.20	2.2	5.3	0.17	5	4.6	5.6	
STD NBLG	Standard																				<0.005
STD OREAS45CA	Standard	0.40	0.039	14	709	0.13	167	0.128	<20	3.33	0.013	0.07	<0.1	0.02	35.3	<0.1	<0.05	17	<0.5	<0.2	
STD OREAS45CA	Standard	0.43	0.042	15	751	0.15	166	0.141	<20	3.91	0.010	0.08	<0.1	0.05	37.3	<0.1	<0.05	20	<0.5	<0.2	
STD W107	Standard																				0.422
STD CDN-GS-P3A Expected																					
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
STD W107 Expected																					0.42
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																				<0.005
Prep Wash																					
G1	Prep Blank	0.53	0.076	10	11	0.56	209	0.134	<20	0.99	0.080	0.46	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	N.A.
G1	Prep Blank	0.55	0.078	11	12	0.59	217	0.142	<20	1.04	0.086	0.47	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2	N.A.

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: July 28, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000472.2

CLIENT JOB INFORMATION

Project: BRIDGET
Shipment ID:
P.O. Number
Number of Samples: 25

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	25	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3A01	25	Ignite samples, acid digest, Au by ICP-MS	15	Completed	VAN
1DX1	25	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1DX1 U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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

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Client: **Ethos Capital Corp.**
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Project: BRIDGET
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000472.2

Method		WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
580584	Rock	1.10	<0.5	0.3	4.2	15.7	25	0.3	1.3	1.7	284	0.83	0.9	0.9	1.9	1.0	73	0.3	<0.1	0.6	14
580585	Rock	1.50	1.4	1.7	5.0	20.9	33	0.3	1.5	1.6	111	0.73	2.1	0.9	1.7	6.6	10	0.3	0.4	1.5	2
580586	Rock	1.67	<0.5	16.0	4.3	16.8	3	0.4	0.3	0.1	18	0.44	0.7	1.1	1.5	3.7	6	<0.1	0.5	1.3	<2
580587	Rock	1.09	38.7	15.0	1.8	7.7	1	0.1	0.3	0.1	15	0.64	1.2	0.4	20.0	2.5	4	<0.1	0.3	2.2	<2
580588	Rock	1.58	1.2	33.4	5.2	12.6	2	0.3	0.3	0.4	28	0.49	1.2	1.2	2.0	4.3	6	<0.1	1.1	1.0	<2
580589	Rock	1.11	3.0	33.2	2.8	14.6	<1	0.3	0.3	0.3	12	1.19	0.9	1.1	2.8	2.5	8	<0.1	0.3	1.5	<2
1111248	Rock	1.37	<0.5	7.5	15.9	8.4	64	0.1	1.0	2.8	414	2.15	<0.5	0.6	2.5	6.1	3	<0.1	<0.1	1.3	12
1111249	Rock	1.63	<0.5	41.9	54.9	12.4	56	0.1	6.8	15.8	716	2.62	1.7	1.1	1.6	4.1	4	0.2	<0.1	0.5	5
1111250	Rock	1.84	0.7	9.8	23.8	6.6	38	0.1	2.0	3.4	518	1.32	<0.5	1.8	1.3	6.0	23	0.1	<0.1	2.3	9
1111251	Rock	2.05	3.6	17.0	14.7	57.4	27	2.5	1.7	3.3	305	1.62	0.6	0.6	3.6	4.7	13	0.7	<0.1	84.0	6
1111252	Rock	2.09	<0.5	18.9	9.5	9.6	25	<0.1	1.1	2.4	258	1.00	0.9	1.3	1.3	5.0	12	0.3	<0.1	1.3	6
1111155	Rock	1.68	<0.5	0.1	3.5	17.6	52	<0.1	2.4	5.0	396	1.33	<0.5	1.6	0.7	7.1	105	0.6	0.1	0.3	8
1111156	Rock	2.03	3.2	5.3	11.5	206.4	37	1.6	2.4	0.4	51	0.81	11.2	1.4	4.5	2.0	7	<0.1	<0.1	4.4	<2
1111157	Rock	2.49	<0.5	0.2	1.3	0.4	3	<0.1	0.6	0.6	85	0.33	<0.5	<0.1	<0.5	<0.1	2	<0.1	<0.1	<0.1	<2
1111158	Rock	2.36	0.8	0.1	1.0	35.7	34	0.4	0.7	0.6	720	0.19	6.0	4.2	2.8	7.1	90	0.8	<0.1	0.2	<2
1111159	Rock	1.45	<0.5	0.3	0.6	0.5	2	<0.1	2.3	1.1	69	0.93	<0.5	0.2	2.2	1.1	3	<0.1	<0.1	<0.1	10
1111160	Rock	1.58	<0.5	30.2	12.9	4.8	86	<0.1	2.7	5.3	273	2.25	<0.5	0.9	1.3	2.6	24	0.1	<0.1	0.6	46
1111161	Rock	1.70	<0.5	7.2	1.5	13.4	11	0.2	0.5	0.2	20	0.35	0.6	2.0	1.0	8.0	6	0.1	<0.1	0.6	<2
1111162	Rock	1.67	<0.5	177.6	5.1	0.9	3	<0.1	0.8	0.4	34	0.50	<0.5	0.1	0.6	<0.1	1	<0.1	<0.1	0.1	2
1111163	Rock	1.39	<0.5	11.3	10.1	4.8	14	<0.1	2.2	1.8	90	0.61	1.3	3.6	<0.5	6.7	9	0.1	<0.1	0.4	7
1111164	Rock	1.87	9.2	23.9	5.3	15.8	5	0.3	0.3	0.2	16	1.09	6.7	1.7	10.2	5.3	8	<0.1	<0.1	1.7	<2
1111165	Rock	1.27	0.7	19.6	10.0	19.9	11	0.2	0.4	0.2	17	1.05	5.9	2.3	2.3	5.7	7	0.1	0.1	0.6	<2
1111166	Rock	1.86	<0.5	22.1	43.7	5.8	43	<0.1	5.8	6.2	419	2.17	<0.5	1.0	0.9	6.8	14	0.1	<0.1	0.1	40
1111167	Rock	1.39	<0.5	9.9	23.2	35.1	5	<0.1	0.6	0.4	62	0.46	3.9	3.2	<0.5	11.1	4	<0.1	0.2	0.3	<2
1111168	Rock	2.28	<0.5	6.9	5.3	37.0	9	0.4	0.8	0.4	186	0.26	0.5	0.8	0.6	12.3	6	0.2	<0.1	0.9	<2

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000472.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
580584	Rock	1.24	0.041	3	3	0.14	15	0.048	<20	0.82	0.001	<0.01	15.1	<0.01	0.9	<0.1	<0.05	3	<0.5	<0.2
580585	Rock	0.06	0.023	4	2	0.03	384	0.001	<20	0.29	0.026	0.19	19.4	0.02	0.3	<0.1	0.17	<1	<0.5	<0.2
580586	Rock	0.02	0.006	4	<1	<0.01	38	<0.001	<20	0.23	0.004	0.22	1.1	<0.01	0.2	<0.1	0.06	<1	<0.5	0.2
580587	Rock	<0.01	0.004	2	<1	<0.01	40	<0.001	<20	0.20	0.006	0.26	0.8	<0.01	0.2	<0.1	0.20	<1	0.7	0.4
580588	Rock	<0.01	0.008	4	<1	<0.01	22	<0.001	<20	0.22	0.004	0.19	0.3	<0.01	0.2	<0.1	<0.05	<1	<0.5	0.3
580589	Rock	0.01	0.004	2	<1	<0.01	195	<0.001	<20	0.20	0.006	0.28	6.8	<0.01	0.2	<0.1	0.55	<1	0.7	1.6
1111248	Rock	0.07	0.034	5	2	0.45	38	0.002	<20	0.80	0.063	0.10	40.0	<0.01	1.5	<0.1	0.18	4	<0.5	<0.2
1111249	Rock	0.10	0.019	15	2	0.11	44	0.001	<20	0.49	0.014	0.24	1.8	<0.01	1.4	<0.1	0.45	<1	<0.5	<0.2
1111250	Rock	0.47	0.021	17	3	0.45	410	0.029	<20	0.84	0.059	0.37	1.5	<0.01	1.2	0.2	0.07	3	<0.5	<0.2
1111251	Rock	0.47	0.019	13	2	0.18	198	0.017	<20	0.46	0.044	0.27	2.1	<0.01	0.7	0.1	0.98	1	0.5	0.9
1111252	Rock	0.32	0.021	15	2	0.17	238	0.014	<20	0.52	0.034	0.34	1.0	<0.01	0.7	0.2	0.36	2	<0.5	<0.2
1111155	Rock	1.31	0.060	18	2	0.42	117	0.009	<20	0.87	0.032	0.24	<0.1	<0.01	1.1	<0.1	<0.05	3	<0.5	<0.2
1111156	Rock	0.01	0.010	3	2	0.01	19	<0.001	<20	0.19	0.003	0.15	0.2	<0.01	0.4	<0.1	<0.05	<1	<0.5	0.8
1111157	Rock	0.20	0.043	<1	2	0.02	6	0.001	<20	0.07	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1111158	Rock	1.38	0.007	4	<1	0.02	101	<0.001	<20	0.35	0.007	0.36	0.1	<0.01	0.4	0.2	<0.05	<1	<0.5	<0.2
1111159	Rock	0.03	0.009	2	2	<0.01	111	0.010	<20	0.18	0.024	0.10	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
1111160	Rock	0.23	0.048	5	9	0.60	271	0.147	<20	1.13	0.066	0.67	5.6	<0.01	3.8	0.3	0.33	5	<0.5	0.3
1111161	Rock	0.02	0.011	4	1	<0.01	37	<0.001	<20	0.23	0.052	0.16	43.8	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1111162	Rock	0.02	0.002	<1	2	<0.01	12	0.001	<20	0.03	0.005	0.02	6.7	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
1111163	Rock	0.14	0.018	4	4	0.15	166	0.015	<20	0.42	0.064	0.25	6.0	<0.01	1.2	<0.1	<0.05	2	<0.5	<0.2
1111164	Rock	<0.01	0.008	4	1	<0.01	72	<0.001	<20	0.29	0.020	0.33	3.5	<0.01	0.2	<0.1	0.29	1	0.7	1.3
1111165	Rock	<0.01	0.008	2	1	<0.01	49	<0.001	<20	0.22	0.008	0.26	4.3	<0.01	0.2	<0.1	0.16	<1	<0.5	0.8
1111166	Rock	0.23	0.037	8	12	0.56	120	0.089	<20	1.13	0.065	0.54	8.4	<0.01	3.1	0.3	<0.05	5	<0.5	<0.2
1111167	Rock	0.02	0.011	3	1	<0.01	33	<0.001	<20	0.23	0.053	0.16	5.7	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
1111168	Rock	0.05	0.007	9	1	0.02	186	<0.001	<20	0.25	0.034	0.20	0.8	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2

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Project: BRIDGET
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000472.2

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
REP G1	QC		<0.5																		
580588	Rock	1.58	1.2	33.4	5.2	12.6	2	0.3	0.3	0.4	28	0.49	1.2	1.2	2.0	4.3	6	<0.1	1.1	1.0	<2
REP 580588	QC			36.6	5.9	13.8	2	0.3	0.4	0.4	30	0.51	1.3	1.3	2.2	4.5	6	<0.1	1.2	1.1	<2
Core Reject Duplicates																					
1111157	Rock	2.49	<0.5	0.2	1.3	0.4	3	<0.1	0.6	0.6	85	0.33	<0.5	<0.1	<0.5	<0.1	2	<0.1	<0.1	<0.1	<2
DUP 1111157	QC	2.49	<0.5	0.3	1.1	0.7	3	<0.1	0.6	0.5	83	0.29	<0.5	<0.1	<0.5	<0.1	2	<0.1	<0.1	<0.1	<2
Reference Materials																					
STD CDN-GS-P3A	Standard		347.6																		
STD DS8	Standard			12.8	98.2	121.0	306	1.7	37.1	7.3	603	2.44	25.8	2.4	101.1	6.2	62	2.5	3.9	6.0	41
STD DS8	Standard			11.7	108.1	124.7	297	1.8	36.0	7.3	606	2.47	26.9	2.1	102.2	5.7	56	2.3	3.5	5.3	41
STD OREAS45CA	Standard			0.8	500.4	18.3	63	0.3	250.7	87.3	908	16.26	3.6	1.1	40.9	6.6	15	<0.1	<0.1	0.2	209
STD OREAS45CA	Standard			0.8	481.6	19.2	57	0.3	245.4	81.8	890	15.43	4.0	0.9	47.2	6.0	14	0.1	<0.1	0.1	208
STD CDN-GS-P3A Expected			338																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
Prep Wash																					
G1	Prep Blank			0.2	1.6	2.8	48	<0.1	3.7	4.1	566	1.95	0.6	1.3	2.8	4.5	55	<0.1	<0.1	<0.1	35
G1	Prep Blank		1.0	<0.1	1.6	2.5	45	<0.1	3.3	4.0	535	1.86	<0.5	1.5	1.9	4.6	58	<0.1	<0.1	<0.1	33
G1	Prep Blank		<0.5																		

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Project: BRIDGET
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000472.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																				
REP G1	QC																			
580588	Rock	<0.01	0.008	4	<1	<0.01	22	<0.001	<20	0.22	0.004	0.19	0.3	<0.01	0.2	<0.1	<0.05	<1	<0.5	0.3
REP 580588	QC	<0.01	0.008	4	1	<0.01	24	<0.001	<20	0.25	0.005	0.22	0.3	<0.01	0.2	<0.1	<0.05	<1	<0.5	0.2
Core Reject Duplicates																				
1111157	Rock	0.20	0.043	<1	2	0.02	6	0.001	<20	0.07	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
DUP 1111157	QC	0.19	0.042	<1	1	0.02	4	0.002	<20	0.07	0.002	<0.01	<0.1	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2
Reference Materials																				
STD CDN-GS-P3A	Standard																			
STD DS8	Standard	0.72	0.081	13	110	0.59	293	0.102	<20	0.89	0.087	0.41	3.0	0.18	1.9	5.4	0.17	5	5.2	5.2
STD DS8	Standard	0.73	0.086	13	96	0.60	301	0.094	<20	0.90	0.089	0.44	3.3	0.20	1.8	5.5	0.17	5	5.2	4.9
STD OREAS45CA	Standard	0.44	0.038	15	710	0.13	169	0.116	<20	3.57	0.009	0.08	<0.1	0.03	33.9	<0.1	<0.05	20	0.7	<0.2
STD OREAS45CA	Standard	0.42	0.041	14	723	0.12	160	0.121	<20	3.35	0.009	0.07	<0.1	0.04	32.3	<0.1	<0.05	17	0.6	<0.2
STD CDN-GS-P3A Expected																				
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																				
G1	Prep Blank	0.58	0.081	9	7	0.62	231	0.115	<20	0.98	0.087	0.47	<0.1	<0.01	1.7	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.50	0.076	8	6	0.55	219	0.119	<20	0.96	0.088	0.46	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank																			

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Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 20, 2011
Report Date: July 28, 2011
Page: 1 of 3

CERTIFICATE OF ANALYSIS WHI11000474.2

CLIENT JOB INFORMATION

Project: WOLF
Shipment ID:
P.O. Number
Number of Samples: 48

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	48	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3A01	48	Ignite samples, acid digest, Au by ICP-MS	15	Completed	VAN
1DX1	48	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1DX1 U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: WOLF
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000474.2

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
580514	Rock	0.86	0.6	3.2	4.4	14.5	20	0.1	0.5	0.2	47	0.33	0.7	1.8	1.4	5.1	3	<0.1	<0.1	0.9	<2
580515	Rock	1.30	<0.5	40.3	6.2	48.6	2	0.3	0.8	0.4	16	0.42	0.6	8.5	1.1	15.7	2	<0.1	0.3	16.4	<2
580516	Rock	1.10	<0.5	43.8	5.2	35.9	2	0.3	0.5	0.3	19	0.30	0.7	5.5	1.1	13.8	2	<0.1	0.4	1.9	<2
580517	Rock	1.27	<0.5	7.5	73.8	36.6	82	0.9	5.2	13.6	602	3.30	1.2	0.5	1.6	0.6	39	0.2	<0.1	2.6	76
580518	Rock	2.82	<0.5	199.4	30.1	20.0	28	0.1	1.9	3.1	341	1.02	<0.5	3.0	2.6	10.6	21	0.2	<0.1	1.3	12
580519	Rock	1.64	<0.5	18.9	4.2	30.7	7	0.2	1.6	0.8	265	0.32	1.9	3.7	4.2	11.3	3	0.4	0.3	2.1	<2
580520	Rock	1.14	<0.5	19.3	4.0	1.9	<1	<0.1	0.5	0.2	28	0.34	1.2	<0.1	<0.5	<0.1	<1	<0.1	<0.1	0.9	<2
580521	Rock	1.30	<0.5	207.5	23.6	11.2	3	0.5	0.7	0.3	51	0.78	1.8	<0.1	4.5	0.2	2	0.2	<0.1	13.1	14
580522	Rock	2.76	1.0	90.2	52.0	9.9	58	0.2	2.0	8.9	576	3.36	0.6	0.9	2.1	3.9	10	<0.1	<0.1	21.1	66
580523	Rock	1.47	<0.5	22.8	3.9	11.6	10	<0.1	0.6	0.7	85	0.25	0.8	2.1	3.8	4.9	1	<0.1	<0.1	1.3	2
580524	Rock	1.60	<0.5	47.7	15.0	77.8	23	1.6	1.6	0.6	59	0.54	0.6	4.7	<0.5	12.2	3	0.2	0.2	28.9	<2
[redacted]																					
580530	Rock	1.07	0.7	<0.1	0.9	18.0	11	<0.1	0.8	0.4	283	0.23	1.2	4.2	5.2	6.4	14	<0.1	<0.1	0.8	<2
1111101	Rock	1.66	<0.5	562.0	56.4	20.6	9	0.4	0.7	1.2	48	0.89	0.9	1.3	2.3	7.4	17	0.1	0.2	0.9	3
1111102	Rock	1.74	0.7	572.0	17.8	19.8	14	0.4	0.6	0.5	115	0.97	1.3	0.3	3.2	2.8	11	<0.1	<0.1	3.4	3
1111103	Rock	1.34	1.0	106.9	8.8	99.3	6	2.9	0.7	0.2	35	0.46	0.7	<0.1	3.2	<0.1	<1	<0.1	1.6	326.5	<2
1111104	Rock	1.34	<0.5	83.1	6.2	5.4	2	<0.1	1.1	0.4	43	0.52	1.1	<0.1	2.5	<0.1	1	<0.1	0.2	1.4	<2
1111105	Rock	1.73	<0.5	1.8	23.7	13.1	26	0.2	1.2	1.0	258	1.06	0.9	1.0	0.8	6.5	7	0.3	<0.1	2.1	3
1111106	Rock	1.88	0.7	1.3	6.5	19.7	17	0.2	1.7	1.3	170	0.82	3.4	1.5	2.3	9.2	8	0.2	0.1	0.8	5
1111107	Rock	2.17	<0.5	0.7	17.0	62.6	87	0.4	43.7	10.5	470	2.04	6.3	2.1	2.7	11.4	96	0.2	<0.1	1.1	47
1111108	Rock	2.39	1.5	0.3	37.2	1.0	16	0.2	0.7	5.2	77	3.39	1.2	0.2	4.5	5.4	24	<0.1	<0.1	0.1	27
1111026	Rock	2.30	<0.5	146.1	71.6	10.4	13	0.3	0.6	0.8	75	1.02	1.1	1.0	2.0	7.2	11	<0.1	<0.1	1.0	8
1111027	Rock	1.98	0.8	3.1	10.5	9.6	10	0.2	0.5	0.3	134	0.48	0.9	1.2	0.9	5.8	8	0.1	<0.1	0.6	<2
1111028	Rock	2.10	1.7	2.3	12.1	9.4	52	0.1	5.1	4.4	436	1.58	0.8	2.5	4.7	10.4	30	0.4	<0.1	0.5	31
1111029	Rock	2.01	1.8	0.4	3.3	6.0	8	<0.1	4.9	3.8	72	1.88	3.2	3.8	3.5	10.5	8	0.1	<0.1	0.3	<2
1111030	Rock	1.65	<0.5	0.5	8.8	6.4	21	<0.1	1.7	1.4	143	0.79	0.6	0.4	3.1	1.6	13	0.1	<0.1	1.3	11

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: WOLF
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000474.2

		Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
580514	Rock		0.02	0.005	2	2	0.01	12	0.001	<20	0.22	0.042	0.15	3.8	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
580515	Rock		0.01	0.002	4	3	<0.01	36	0.002	<20	0.21	0.056	0.14	1.3	<0.01	0.7	<0.1	0.22	<1	<0.5	<0.2
580516	Rock		<0.01	0.002	4	3	<0.01	20	0.001	<20	0.17	0.045	0.13	1.9	<0.01	0.6	<0.1	0.06	<1	<0.5	<0.2
580517	Rock		0.93	0.056	2	12	1.17	185	0.157	<20	1.53	0.111	0.36	40.5	<0.01	4.9	0.5	1.58	6	0.8	0.3
580518	Rock		0.35	0.037	14	3	0.20	214	0.034	<20	0.55	0.039	0.25	8.7	<0.01	1.2	0.2	0.23	3	<0.5	<0.2
580519	Rock		0.04	0.002	4	2	0.01	58	<0.001	<20	0.20	0.052	0.15	17.5	<0.01	0.3	<0.1	0.16	<1	<0.5	<0.2
580520	Rock		<0.01	<0.001	<1	3	<0.01	15	<0.001	<20	0.03	0.002	0.02	2.3	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
580521	Rock		<0.01	0.002	<1	4	0.01	59	0.002	<20	0.05	0.004	0.03	3.2	<0.01	0.1	<0.1	<0.05	<1	<0.5	<0.2
580522	Rock		0.24	0.041	6	7	0.84	253	0.196	<20	1.33	0.061	0.87	5.9	<0.01	3.7	0.4	1.17	6	<0.5	<0.2
580523	Rock		<0.01	0.004	1	1	0.01	12	<0.001	<20	0.31	0.003	0.18	0.4	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2
580524	Rock		0.02	0.007	4	2	0.03	30	0.001	<20	0.32	0.034	0.19	4.5	<0.01	0.5	<0.1	<0.05	1	<0.5	0.4
[redacted]																					
580530	Rock		0.23	0.005	4	1	<0.01	51	<0.001	<20	0.25	0.049	0.16	0.1	<0.01	0.4	<0.1	<0.05	<1	<0.5	<0.2
1111101	Rock		0.05	0.011	17	3	0.05	87	0.015	<20	0.27	0.063	0.11	9.2	<0.01	0.5	<0.1	0.45	2	0.5	<0.2
1111102	Rock		0.04	0.005	4	3	0.14	91	0.010	<20	0.37	0.046	0.16	3.4	<0.01	0.4	0.1	0.09	2	<0.5	<0.2
1111103	Rock		<0.01	<0.001	<1	4	<0.01	5	<0.001	<20	0.01	0.004	0.01	0.9	0.02	<0.1	<0.1	<0.05	<1	<0.5	0.4
1111104	Rock		<0.01	0.003	<1	5	<0.01	9	<0.001	<20	0.02	0.003	<0.01	1.5	<0.01	<0.1	<0.1	0.08	<1	<0.5	<0.2
1111105	Rock		0.12	0.023	6	4	0.18	40	0.032	<20	0.48	0.060	0.15	3.9	<0.01	0.7	<0.1	0.24	2	<0.5	<0.2
1111106	Rock		0.12	0.017	6	3	0.11	57	0.023	<20	0.43	0.044	0.16	1.0	<0.01	0.8	<0.1	0.08	2	<0.5	<0.2
1111107	Rock		0.84	0.116	15	54	1.30	619	0.188	<20	1.52	0.115	0.61	0.9	<0.01	2.3	0.6	0.57	5	<0.5	<0.2
1111108	Rock		0.11	0.048	8	3	0.27	191	0.052	<20	0.63	0.088	0.12	<0.1	<0.01	0.4	<0.1	0.45	3	<0.5	<0.2
1111026	Rock		0.03	0.006	8	2	0.09	97	0.024	<20	0.33	0.050	0.08	3.0	<0.01	0.5	<0.1	0.16	2	<0.5	<0.2
1111027	Rock		0.10	0.015	5	2	0.05	108	0.003	<20	0.38	0.034	0.15	2.0	<0.01	0.2	<0.1	0.07	1	<0.5	<0.2
1111028	Rock		0.47	0.054	12	7	0.63	76	0.118	<20	1.31	0.100	0.40	3.1	<0.01	2.0	0.5	0.29	6	<0.5	<0.2
1111029	Rock		0.13	0.007	9	<1	0.10	132	0.007	<20	0.44	0.021	0.16	3.7	<0.01	0.5	<0.1	1.77	2	1.4	0.3
1111030	Rock		0.15	0.020	2	5	0.23	73	0.042	<20	0.47	0.079	0.15	4.2	<0.01	0.7	0.1	0.19	2	<0.5	<0.2

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Vancouver BC V6C 1H2 Canada

Project: WOLF
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000474.2

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
1111031	Rock	2.00	<0.5	0.1	16.6	3.5	76	<0.1	9.7	19.8	526	3.39	<0.5	0.2	3.9	0.8	28	<0.1	<0.1	<0.1	88
1111032	Rock	1.48	0.6	0.6	3.2	16.7	8	0.3	0.6	0.3	56	0.30	2.7	4.2	2.9	11.4	2	<0.1	0.2	3.4	<2
1111033	Rock	1.29	<0.5	0.3	4.7	25.0	9	0.4	0.5	0.2	226	0.23	3.0	6.8	3.3	15.2	5	0.3	0.2	2.2	<2
1111034	Rock	2.46	<0.5	0.8	6.3	31.0	28	0.7	2.4	1.6	165	0.80	1.4	2.5	0.6	8.7	13	0.2	0.1	2.5	7
[redacted]																					

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Project: WOLF
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000474.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
1111031	Rock	0.76	0.094	2	20	1.15	476	0.142	<20	1.82	0.108	0.71	1.2	<0.01	4.4	0.3	<0.05	5	<0.5	<0.2
1111032	Rock	0.01	0.003	3	1	<0.01	11	0.002	<20	0.21	0.044	0.13	27.4	<0.01	0.3	<0.1	<0.05	1	<0.5	<0.2
1111033	Rock	0.09	0.003	5	2	0.01	48	0.001	<20	0.26	0.056	0.19	14.5	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
1111034	Rock	0.24	0.031	5	3	0.25	44	0.034	<20	0.51	0.035	0.14	2.6	<0.01	0.6	<0.1	<0.05	2	<0.5	0.3
[redacted]																				

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Project: WOLF
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000474.2

		Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																						
[redacted]																						
[redacted]																						
1111033	Rock		1.29	<0.5	0.3	4.7	25.0	9	0.4	0.5	0.2	226	0.23	3.0	6.8	3.3	15.2	5	0.3	0.2	2.2	<2
REP 1111033	QC			<0.5																		
[redacted]																						
[redacted]																						
[redacted]																						
[redacted]																						
Core Reject Duplicates																						
1111031	Rock		2.00	<0.5	0.1	16.6	3.5	76	<0.1	9.7	19.8	526	3.39	<0.5	0.2	3.9	0.8	28	<0.1	<0.1	<0.1	88
DUP 1111031	QC			1.0	0.1	16.2	3.3	74	<0.1	8.8	18.7	489	3.38	<0.5	0.3	3.3	0.8	30	<0.1	<0.1	<0.1	89
Reference Materials																						
STD CDN-GS-P3A	Standard			378.3																		
STD CDN-GS-P3A	Standard			352.2																		
STD CDN-GS-P3A	Standard			332.0																		
STD DS8	Standard				13.9	110.6	126.3	314	1.8	37.7	7.4	611	2.41	26.6	3.0	87.9	7.2	72	2.1	3.9	6.8	43
STD DS8	Standard				13.7	112.1	129.7	306	1.9	37.4	7.5	623	2.52	29.9	2.9	115.6	7.0	72	2.7	4.9	6.5	42
STD OREAS45CA	Standard				0.7	519.1	14.5	69	0.3	268.8	92.9	955	15.53	4.0	1.2	38.7	7.6	16	<0.1	<0.1	0.2	219
STD OREAS45CA	Standard				0.9	515.7	22.1	63	0.3	258.1	93.2	969	17.07	4.3	1.3	42.1	7.6	16	0.1	<0.1	0.2	217
STD DS8 Expected					13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected					1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215
STD CDN-GS-P3A Expected				338																		
BLK	Blank			<0.5																		
BLK	Blank			<0.5																		
BLK	Blank			<0.5																		
BLK	Blank			<0.5																		
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2

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

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: WOLF
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000474.2

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																				
[redacted]																				
[redacted]																				
1111033	Rock	0.09	0.003	5	2	0.01	48	0.001	<20	0.26	0.056	0.19	14.5	<0.01	0.4	<0.1	<0.05	1	<0.5	<0.2
REP 1111033	QC																			
[redacted]																				
[redacted]																				
[redacted]																				
[redacted]																				
Core Reject Duplicates																				
1111031	Rock	0.76	0.094	2	20	1.15	476	0.142	<20	1.82	0.108	0.71	1.2	<0.01	4.4	0.3	<0.05	5	<0.5	<0.2
DUP 1111031	QC	0.77	0.093	2	19	1.15	470	0.144	<20	1.83	0.112	0.68	0.9	<0.01	4.4	0.3	<0.05	5	<0.5	<0.2
Reference Materials																				
STD CDN-GS-P3A	Standard																			
STD CDN-GS-P3A	Standard																			
STD CDN-GS-P3A	Standard																			
STD DS8	Standard	0.72	0.083	15	118	0.61	300	0.117	<20	0.93	0.087	0.41	2.3	0.21	1.7	5.4	0.16	5	4.8	4.5
STD DS8	Standard	0.75	0.082	16	114	0.63	313	0.114	<20	0.95	0.090	0.39	2.6	0.18	2.0	5.3	0.18	5	6.2	5.2
STD OREAS45CA	Standard	0.47	0.041	16	735	0.13	172	0.159	<20	3.78	0.013	0.08	<0.1	0.02	38.5	<0.1	<0.05	18	<0.5	<0.2
STD OREAS45CA	Standard	0.45	0.041	16	713	0.15	176	0.150	<20	3.77	0.010	0.08	<0.1	0.03	39.5	<0.1	<0.05	19	<0.5	<0.2
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD CDN-GS-P3A Expected																				
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: WOLF
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000474.2

		WGHT Wgt kg 0.01	3A Au ppb 0.5	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX U ppm 0.1	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		
Prep Wash																					
G1	Prep Blank		<0.5	<0.1	1.8	3.3	49	<0.1	3.5	4.1	584	2.07	<0.5	2.2	4.2	5.3	61	<0.1	0.1	<0.1	38
G1	Prep Blank		<0.5	<0.1	1.7	4.3	49	<0.1	3.3	4.2	599	2.05	<0.5	2.1	2.9	5.7	69	<0.1	<0.1	<0.1	38

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: WOLF
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000474.2

		1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	0.60	0.076	10	7	0.60	214	0.125	<20	0.96	0.075	0.46	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.63	0.076	11	7	0.61	220	0.138	<20	1.01	0.089	0.47	<0.1	<0.01	2.0	0.3	<0.05	6	<0.5	<0.2

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

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: July 05, 2011
Report Date: July 28, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000477.2

CLIENT JOB INFORMATION

Project: BETTY
Shipment ID:
P.O. Number
Number of Samples: 20

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	20	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3A01	20	Ignite samples, acid digest, Au by ICP-MS	15	Completed	VAN
1DX1	20	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1DX1 U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BETTY
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000477.2

Method		WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
580602	Rock	1.01	<0.5	2.5	32.8	5.2	144	0.2	64.0	28.0	1128	5.16	43.9	2.1	<0.5	17.7	174	0.7	0.8	<0.1	67

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BETTY
Report Date: July 28, 2011

CERTIFICATE OF ANALYSIS WHI11000477.2

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
580602	Rock	4.82	0.278	34	69	1.48	91	0.097	<20	1.36	0.048	0.16	<0.1	<0.01	9.4	<0.1	1.75	6	1.6	<0.2

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www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BETTY
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000477.2

		Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																						
[redacted]	[redacted]																					
[redacted]	[redacted]																					
[redacted]	[redacted]																					
Core Reject Duplicates																						
[redacted]	[redacted]																					
[redacted]	[redacted]																					
Reference Materials																						
STD CDN-GS-P3A	Standard			383.4																		
STD DS8	Standard				13.9	101.6	122.6	319	1.7	36.5	7.3	609	2.44	27.2	2.7	110.5	6.9	75	2.5	3.8	6.2	40
STD OREAS45CA	Standard				0.7	500.1	19.0	61	0.3	250.0	85.6	904	15.87	3.8	1.1	37.8	6.7	16	0.1	<0.1	0.2	202
STD CDN-GS-P3A Expected				338																		
STD DS8 Expected					13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected					1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215
BLK	Blank			1.9																		
BLK	Blank			<0.5																		
BLK	Blank				<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
Prep Wash																						
G1	Prep Blank			1.7	<0.1	1.4	2.8	50	<0.1	3.4	3.9	580	1.98	<0.5	1.6	0.7	5.0	71	<0.1	<0.1	<0.1	36
G1	Prep Blank			<0.5	<0.1	1.7	4.0	49	<0.1	3.5	4.2	585	2.07	<0.5	1.6	1.0	5.9	69	<0.1	<0.1	<0.1	38

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BETTY
Report Date: July 28, 2011

QUALITY CONTROL REPORT WHI11000477.2

		Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																					
[redacted]	[redacted]																				
[redacted]	[redacted]																				
[redacted]	[redacted]																				
Core Reject Duplicates																					
[redacted]	[redacted]																				
[redacted]	[redacted]																				
Reference Materials																					
STD CDN-GS-P3A	Standard																				
STD DS8	Standard	0.74	0.080	15	115	0.60	301	0.107	<20	0.93	0.093	0.42	2.4	0.18	2.0	5.4	0.18	5	5.0	5.5
STD OREAS45CA	Standard	0.40	0.035	16	758	0.14	166	0.128	<20	3.80	0.009	0.07	<0.1	0.03	35.8	<0.1	<0.05	20	0.7	<0.2
STD CDN-GS-P3A Expected																					
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																					
G1	Prep Blank	0.62	0.079	10	7	0.62	224	0.124	<20	1.00	0.077	0.48	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.56	0.083	12	7	0.60	229	0.129	<20	1.03	0.083	0.52	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: June 20, 2011
Report Date: December 13, 2011
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI11000488.3

CLIENT JOB INFORMATION

Project: BRIDGET
Shipment ID: 2
P.O. Number
Number of Samples: 21

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	21	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3A01	21	Ignite samples, acid digest, Au by ICP-MS	15	Completed	VAN
1DX1	21	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7KP	3	Phosphoric acid leach, ICP-ES analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 3; 7KP analysis included

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Phone (604) 253-3158 Fax (604) 253-1716
www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000488.3

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
580506	Rock	1.24	<0.5	13.1	105.3	23.5	21	0.4	2.0	2.1	125	1.08	0.6	4.0	<0.5	6.6	29	0.1	<0.1	0.3	22
580507	Rock	2.19	<0.5	86.9	114.8	20.4	17	0.3	4.7	3.3	185	1.43	1.1	3.4	<0.5	7.9	24	0.1	<0.1	3.3	31
580508	Rock	1.53	<0.5	16.7	50.8	9.7	24	0.2	4.4	2.4	184	1.52	0.6	2.0	<0.5	8.1	22	<0.1	<0.1	0.6	31
580509	Rock	1.50	<0.5	1.7	38.6	266.5	397	3.6	9.1	6.7	369	0.93	0.7	0.3	<0.5	0.1	32	2.2	<0.1	12.2	39
580510	Rock	0.92	<0.5	3.4	83.4	71.3	32	0.8	1.1	2.1	36	0.97	10.1	2.3	<0.5	12.7	7	0.7	0.2	18.5	2
580511	Rock	1.17	<0.5	0.9	3.6	28.0	9	0.1	1.4	1.1	44	0.32	1.9	1.2	1.6	7.2	4	0.1	0.9	0.7	<2
580512	Rock	1.70	6.9	4.3	5.8	42.4	6	0.2	1.3	0.3	26	0.44	12.9	0.3	3.6	2.0	3	<0.1	19.3	1.5	3
580513	Rock	0.76	2.4	0.1	6.2	24.3	11	0.2	1.8	1.1	129	0.43	1.6	2.3	1.0	9.3	9	0.2	0.2	0.7	<2
1111069	Rock	1.68	1.1	14.3	1447	18.1	7	3.7	1.5	1.2	44	0.85	0.8	0.1	1.8	1.1	2	0.2	0.9	8.6	<2
1111070	Rock	2.14	3.4	22.9	108.3	20.0	25	0.3	3.7	2.9	174	1.09	<0.5	0.6	<0.5	0.4	10	<0.1	<0.1	2.0	21
1111071	Rock	2.19	4.4	78.6	323.9	17.5	16	0.5	5.0	4.0	158	1.40	3.2	3.3	0.7	8.2	15	0.1	<0.1	0.5	29
1111072	Rock	1.27	2.3	57.7	15.7	16.0	5	<0.1	1.0	0.4	107	0.25	2.8	5.9	1.0	12.4	3	<0.1	<0.1	1.2	<2
1111073	Rock	1.86	2.7	0.6	1.3	1.2	35	<0.1	5.2	10.4	291	2.35	1.1	0.1	<0.5	0.2	9	<0.1	<0.1	0.1	51
1111074	Rock	1.87	2.6	30.3	14.1	28.8	2	0.1	1.1	0.5	22	0.45	2.4	4.8	<0.5	12.1	3	<0.1	0.3	9.5	<2
1111075	Rock	1.04	2.7	>2000	76.7	20.6	40	1.0	3.3	1.5	87	4.31	0.6	2.6	1.2	0.5	10	<0.1	<0.1	7.7	84
1111020	Rock	1.18	2.7	25.1	27.7	13.7	40	0.2	2.0	2.6	286	1.35	1.1	3.5	1.0	10.7	16	0.1	0.3	1.7	24
1111021	Rock	2.47	3.3	39.7	6.6	17.9	4	<0.1	1.5	0.4	34	0.41	2.4	3.6	1.0	9.0	3	<0.1	<0.1	2.8	<2
1111022	Rock	1.61	1.6	1.2	60.3	6.3	30	<0.1	10.7	6.6	190	0.70	0.7	0.1	<0.5	0.1	98	0.3	<0.1	1.3	23
1111023	Rock	0.46	1.9	5.6	13.8	2.7	47	<0.1	8.0	15.0	526	5.64	0.8	0.3	<0.5	1.4	14	<0.1	<0.1	0.3	112
1111024	Rock	2.30	3.0	>2000	3.4	4.7	<1	0.2	1.1	0.3	30	0.38	<0.5	<0.1	0.7	<0.1	2	<0.1	<0.1	0.9	<2
1111025	Rock	1.52	2.1	56.7	64.6	11.6	22	0.2	4.9	3.8	173	1.92	1.1	0.7	<0.5	1.7	14	0.1	0.1	6.8	28

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Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000488.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Mo
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
580506	Rock	0.21	0.034	9	<1	0.38	137	0.040	<20	0.66	0.042	0.12	3.0	<0.01	1.2	<0.1	0.12	3	<0.5	<0.2	N.A.
580507	Rock	0.22	0.035	8	10	0.49	200	0.054	<20	0.73	0.066	0.27	1.4	<0.01	2.0	0.1	0.70	4	0.5	<0.2	N.A.
580508	Rock	0.21	0.042	10	11	0.59	256	0.081	<20	0.85	0.054	0.19	0.9	<0.01	2.1	<0.1	0.20	5	<0.5	<0.2	N.A.
580509	Rock	1.39	0.120	<1	36	0.31	41	0.114	<20	0.78	0.031	0.09	>100	<0.01	3.2	<0.1	<0.05	2	<0.5	<0.2	<0.001
580510	Rock	0.02	0.020	8	5	0.03	64	<0.001	<20	0.23	0.010	0.24	10.6	<0.01	0.5	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580511	Rock	0.01	0.006	7	3	0.02	232	<0.001	<20	0.42	0.001	0.16	0.4	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580512	Rock	<0.01	0.005	10	4	0.02	102	<0.001	<20	0.16	<0.001	0.15	0.2	0.02	0.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.
580513	Rock	0.20	0.067	7	3	0.03	47	<0.001	<20	0.45	0.004	0.22	0.2	0.01	0.4	<0.1	<0.05	1	<0.5	<0.2	N.A.
1111069	Rock	0.01	0.005	2	4	0.03	46	<0.001	<20	0.11	0.014	0.07	23.6	<0.01	<0.1	<0.1	0.29	<1	<0.5	<0.2	N.A.
1111070	Rock	0.09	0.024	1	10	0.27	190	0.051	<20	0.50	0.103	0.29	3.4	<0.01	1.7	0.1	0.31	3	<0.5	<0.2	N.A.
1111071	Rock	0.16	0.033	7	10	0.50	185	0.059	<20	0.67	0.065	0.26	1.1	<0.01	1.9	0.1	0.58	3	0.6	<0.2	N.A.
1111072	Rock	0.04	0.012	4	4	0.02	61	0.001	<20	0.17	0.047	0.12	0.5	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.
1111073	Rock	0.30	0.127	2	9	0.46	38	0.067	<20	0.88	0.081	0.09	<0.1	<0.01	4.9	<0.1	<0.05	4	<0.5	<0.2	N.A.
1111074	Rock	<0.01	0.002	2	4	0.01	57	<0.001	<20	0.14	0.025	0.14	2.9	0.01	0.4	<0.1	0.11	<1	<0.5	<0.2	N.A.
1111075	Rock	<0.01	0.004	<1	8	0.05	277	0.008	<20	0.12	0.011	0.19	11.6	<0.01	0.4	<0.1	0.45	2	0.8	0.6	0.243
1111020	Rock	0.21	0.043	11	4	0.40	216	0.066	<20	0.64	0.053	0.23	1.0	<0.01	1.8	0.2	0.23	4	<0.5	<0.2	N.A.
1111021	Rock	0.02	0.011	3	4	0.02	39	<0.001	<20	0.17	0.050	0.11	0.5	<0.01	0.3	<0.1	<0.05	<1	<0.5	<0.2	N.A.
1111022	Rock	1.02	0.083	<1	34	0.32	51	0.114	<20	0.54	0.067	0.03	17.8	<0.01	2.4	<0.1	<0.05	2	<0.5	<0.2	N.A.
1111023	Rock	0.21	0.049	6	18	1.73	153	0.142	<20	2.52	0.086	0.93	0.1	<0.01	13.1	0.8	<0.05	9	<0.5	<0.2	N.A.
1111024	Rock	<0.01	0.002	<1	6	0.01	24	<0.001	<20	0.01	0.004	0.02	0.4	0.01	<0.1	<0.1	0.27	<1	<0.5	<0.2	0.365
1111025	Rock	0.31	0.040	3	8	0.37	41	0.074	<20	0.75	0.039	0.12	32.1	<0.01	1.2	<0.1	0.48	3	1.7	<0.2	N.A.

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Project: BRIDGET
Report Date: December 13, 2011

CERTIFICATE OF ANALYSIS WHI11000488.3

		Method	7KP
		Analyte	W
		Unit	%
		MDL	0.005
580506	Rock		N.A.
580507	Rock		N.A.
580508	Rock		N.A.
580509	Rock		0.017
580510	Rock		N.A.
580511	Rock		N.A.
580512	Rock		N.A.
580513	Rock		N.A.
1111069	Rock		N.A.
1111070	Rock		N.A.
1111071	Rock		N.A.
1111072	Rock		N.A.
1111073	Rock		N.A.
1111074	Rock		N.A.
1111075	Rock		<0.005
1111020	Rock		N.A.
1111021	Rock		N.A.
1111022	Rock		N.A.
1111023	Rock		N.A.
1111024	Rock		<0.005
1111025	Rock		N.A.

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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000488.3

	Method	WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
580511	Rock	1.17	<0.5	0.9	3.6	28.0	9	0.1	1.4	1.1	44	0.32	1.9	1.2	1.6	7.2	4	0.1	0.9	0.7	<2
REP 580511	QC			1.0	3.2	27.1	5	0.1	1.5	1.0	44	0.32	1.8	1.2	1.4	7.2	3	<0.1	0.9	0.7	<2
1111022	Rock	1.61	1.6	1.2	60.3	6.3	30	<0.1	10.7	6.6	190	0.70	0.7	0.1	<0.5	0.1	98	0.3	<0.1	1.3	23
REP 1111022	QC		<0.5																		
Core Reject Duplicates																					
1111071	Rock	2.19	4.4	78.6	323.9	17.5	16	0.5	5.0	4.0	158	1.40	3.2	3.3	0.7	8.2	15	0.1	<0.1	0.5	29
DUP 1111071	QC		3.4	77.7	321.5	19.0	16	0.5	5.3	4.1	165	1.44	3.8	3.6	1.1	8.3	17	<0.1	<0.1	0.5	29
Reference Materials																					
STD CDN-GS-P3A	Standard		347.6																		
STD CDN-GS-P3A	Standard		323.4																		
STD DS8	Standard			13.4	105.9	115.3	301	1.6	36.2	7.0	604	2.41	26.2	2.4	85.5	6.3	63	2.1	4.6	5.7	41
STD DS8	Standard			11.8	111.0	112.8	309	1.8	38.4	7.5	580	2.39	29.1	2.3	103.1	5.3	57	2.2	4.4	5.7	40
STD NBLG	Standard																				
STD OREAS45CA	Standard			0.9	517.8	20.2	62	0.3	267.0	86.2	983	16.11	4.3	1.2	37.2	7.3	15	<0.1	<0.1	0.2	219
STD OREAS45CA	Standard			1.2	498.0	20.5	60	0.3	257.0	93.0	996	16.04	4.2	1.2	39.9	6.9	15	<0.1	0.1	0.1	217
STD W107	Standard																				
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215
STD CDN-GS-P3A Expected			338																		
STD W107 Expected																					
BLK	Blank		<0.5																		
BLK	Blank		<0.5																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank		<0.5																		
BLK	Blank																				
Prep Wash																					
G1	Prep Blank	<0.01	4.5	0.2	1.8	3.7	55	<0.1	3.6	7.2	564	2.09	5.1	1.4	2.3	4.7	62	<0.1	0.2	1.0	38

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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000488.3

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7KP
	Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Mo
	Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
	MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																					
580511	Rock	0.01	0.006	7	3	0.02	232	<0.001	<20	0.42	0.001	0.16	0.4	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	N.A.
REP 580511	QC	0.01	0.006	6	3	0.02	236	<0.001	<20	0.40	0.002	0.16	0.5	<0.01	0.2	<0.1	<0.05	<1	<0.5	<0.2	
1111022	Rock	1.02	0.083	<1	34	0.32	51	0.114	<20	0.54	0.067	0.03	17.8	<0.01	2.4	<0.1	<0.05	2	<0.5	<0.2	N.A.
REP 1111022	QC																				
Core Reject Duplicates																					
1111071	Rock	0.16	0.033	7	10	0.50	185	0.059	<20	0.67	0.065	0.26	1.1	<0.01	1.9	0.1	0.58	3	0.6	<0.2	N.A.
DUP 1111071	QC	0.18	0.035	7	10	0.49	188	0.059	<20	0.71	0.078	0.29	1.1	<0.01	2.1	0.1	0.60	3	0.6	<0.2	N.A.
Reference Materials																					
STD CDN-GS-P3A	Standard																				
STD CDN-GS-P3A	Standard																				
STD DS8	Standard	0.72	0.082	14	109	0.60	286	0.106	<20	0.91	0.091	0.38	2.4	0.18	1.9	4.9	0.17	4	4.7	4.6	
STD DS8	Standard	0.65	0.079	11	114	0.58	290	0.098	<20	0.86	0.086	0.40	2.9	0.20	1.7	5.0	0.16	4	5.1	4.7	
STD NBLG	Standard																				0.002
STD OREAS45CA	Standard	0.41	0.045	15	711	0.16	164	0.140	<20	3.66	0.009	0.07	<0.1	0.03	37.3	<0.1	<0.05	20	0.7	<0.2	
STD OREAS45CA	Standard	0.47	0.041	15	729	0.13	176	0.116	<20	3.51	0.007	0.07	<0.1	0.03	34.5	<0.1	<0.05	18	<0.5	<0.2	
STD W107	Standard																				0.043
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
STD CDN-GS-P3A Expected																					
STD W107 Expected																					0.045
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																				
BLK	Blank																				<0.001
Prep Wash																					
G1	Prep Blank	0.60	0.087	9	7	0.58	201	0.117	<20	1.04	0.085	0.44	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	N.A.

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Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000488.3

		Method	7KP
		Analyte	W
		Unit	%
		MDL	0.005
Pulp Duplicates			
580511	Rock		N.A.
REP 580511	QC		
1111022	Rock		N.A.
REP 1111022	QC		
Core Reject Duplicates			
1111071	Rock		N.A.
DUP 1111071	QC		N.A.
Reference Materials			
STD CDN-GS-P3A	Standard		
STD CDN-GS-P3A	Standard		
STD DS8	Standard		
STD DS8	Standard		
STD NBLG	Standard		<0.005
STD OREAS45CA	Standard		
STD OREAS45CA	Standard		
STD W107	Standard		0.430
STD DS8 Expected			
STD OREAS45CA Expected			
STD CDN-GS-P3A Expected			
STD W107 Expected			0.42
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		
BLK	Blank		<0.005
Prep Wash			
G1	Prep Blank		N.A.

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		WGHT	3A	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	0.5	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
G1	Prep Blank	<0.01	1.8	0.2	4.0	5.5	49	<0.1	4.3	6.5	577	2.18	2.8	1.7	1.8	5.3	66	<0.1	<0.1	0.4	39

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Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000488.3

		1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2	7KP Mo % 0.001
G1	Prep Blank	0.63	0.084	11	10	0.56	224	0.124	<20	1.05	0.104	0.50	0.2	<0.01	1.9	0.4	0.05	5	<0.5	<0.2	N.A.

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

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BRIDGET
Report Date: December 13, 2011

QUALITY CONTROL REPORT WHI11000488.3

		7KP W % 0.005
G1	Prep Blank	N.A.

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: August 27, 2011
Report Date: January 10, 2012
Page: 1 of 5

CERTIFICATE OF ANALYSIS WHI11001286.2

CLIENT JOB INFORMATION

Project: BETTY
Shipment ID:
P.O. Number
Number of Samples: 109

SAMPLE DISPOSAL

RTRN-PLP Return
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	109	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B	109	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	109	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
G6Gr	2	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1DX1 U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: BETTY
Report Date: January 10, 2012

CERTIFICATE OF ANALYSIS WHI11001286.2

Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2

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Project: BETTY
Report Date: January 10, 2012

CERTIFICATE OF ANALYSIS WHI11001286.2

Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Au
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	0.9

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Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2

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Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Au
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	0.9

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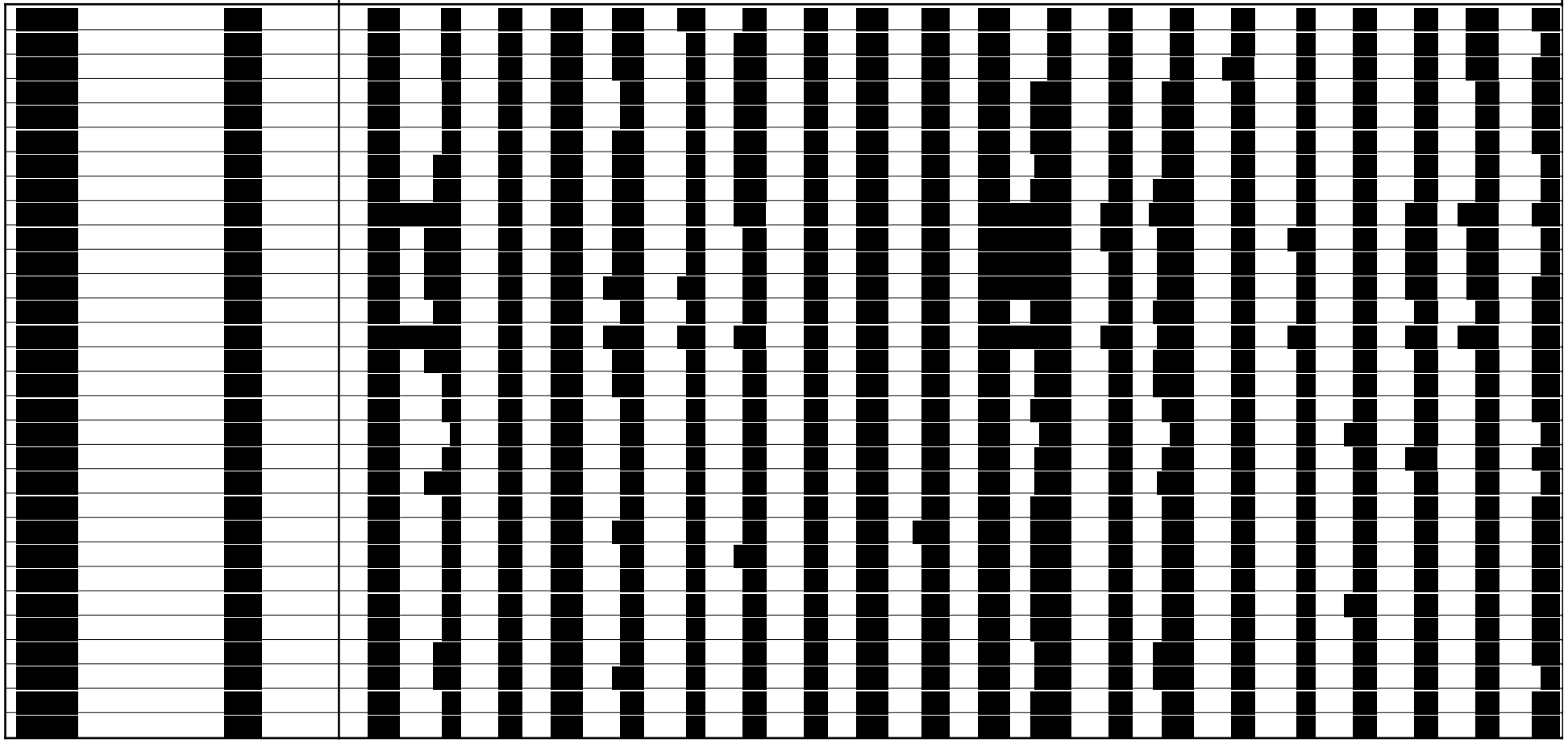
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Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2



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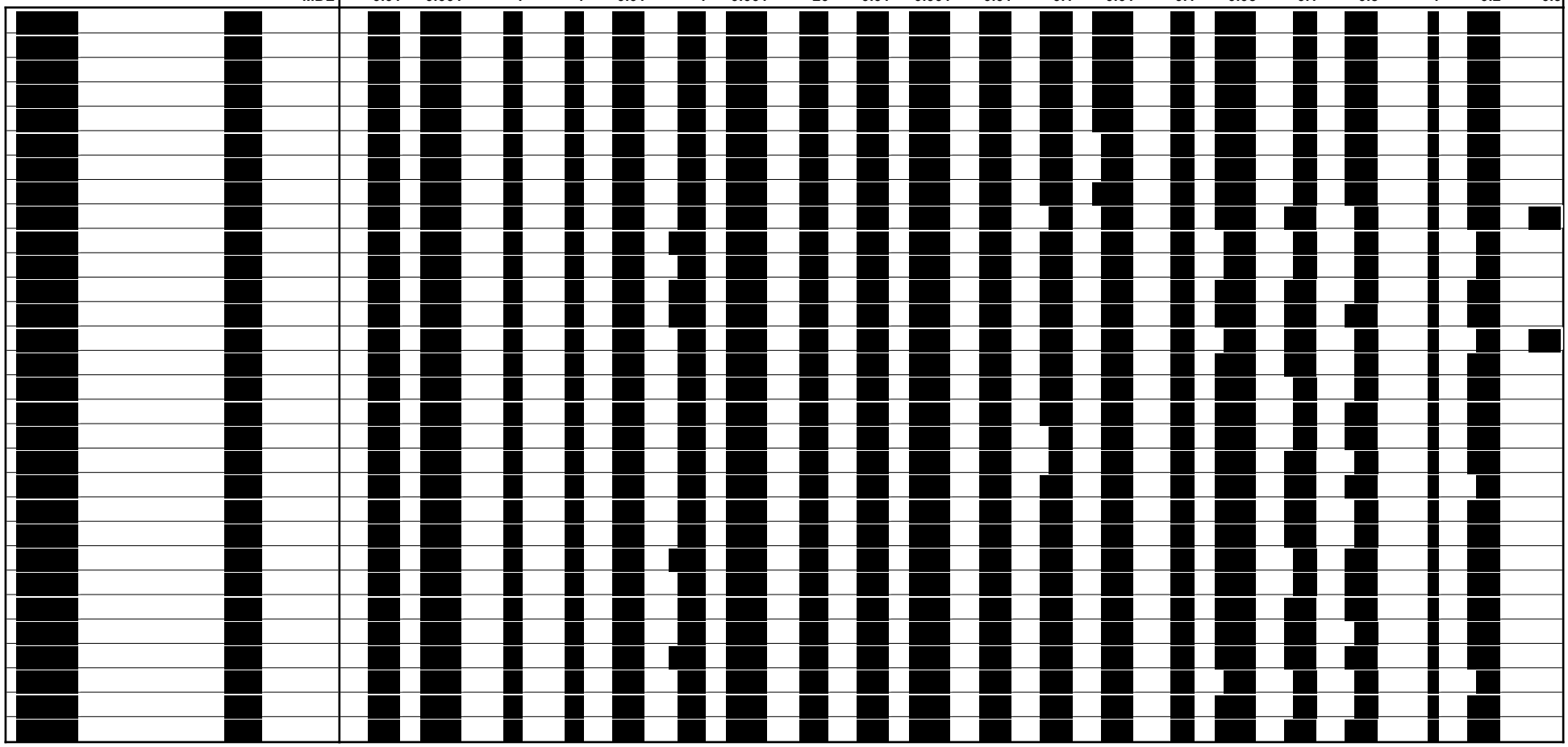
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Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Au
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	0.9



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Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
[redacted]																					
1275003	Rock	1.08	<2	<0.1	3.7	1.5	30	<0.1	3.6	8.2	321	1.67	2.7	0.3	0.8	1.9	20	<0.1	<0.1	<0.1	36
1275004	Rock	0.95	<2	<0.1	3.8	1.8	7	<0.1	1.7	1.9	82	0.48	2.1	<0.1	1.4	0.3	17	<0.1	<0.1	<0.1	8
1275005	Rock	0.63	<2	<0.1	2.6	0.9	9	<0.1	2.6	2.7	118	0.63	2.4	<0.1	3.4	0.6	15	<0.1	<0.1	<0.1	9
1275006	Rock	0.79	9	0.1	21.8	3.1	30	<0.1	6.5	8.9	335	1.80	17.0	0.4	12.0	1.6	32	<0.1	0.2	0.6	36
1275007	Rock	1.14	6	0.1	9.3	2.5	10	<0.1	2.5	8.9	119	1.01	8.5	0.2	5.8	0.6	21	<0.1	0.4	0.2	11
1275008	Rock	0.97	<2	0.1	1.6	21.3	17	<0.1	2.6	4.1	421	0.72	4.2	3.0	1.5	21.3	4	<0.1	0.2	0.5	7
1275009	Rock	0.91	<2	0.1	1.4	23.6	24	<0.1	3.0	2.2	493	0.92	2.4	13.0	1.0	20.7	6	<0.1	0.2	0.9	11
1275010	Rock	0.88	<2	0.1	1.4	5.3	4	<0.1	1.5	0.8	66	0.41	3.8	0.4	1.2	2.1	2	<0.1	0.1	0.2	4
1275011	Rock	1.33	<2	0.1	0.7	7.2	2	<0.1	1.1	0.8	124	0.29	1.2	1.3	<0.5	17.6	3	<0.1	<0.1	0.3	3

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		Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Au
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
		MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	0.9
[redacted]																						
1275003	Rock		0.36	0.020	4	7	0.72	179	0.112	<20	1.16	0.105	0.25	<0.1	<0.01	<0.1	<0.05	1.9	<0.5	4	<0.2	
1275004	Rock		0.26	0.002	<1	8	0.14	41	0.022	<20	0.47	0.104	0.06	<0.1	<0.01	<0.1	<0.05	0.2	<0.5	<1	<0.2	
1275005	Rock		0.12	0.006	1	14	0.22	35	0.026	<20	0.45	0.084	0.04	<0.1	<0.01	<0.1	<0.05	0.4	<0.5	1	<0.2	
1275006	Rock		0.45	0.027	3	13	0.87	67	0.096	<20	1.43	0.080	0.08	<0.1	<0.01	<0.1	<0.05	2.0	<0.5	4	<0.2	
1275007	Rock		0.26	0.031	2	11	0.24	36	0.030	<20	0.53	0.090	0.05	<0.1	<0.01	<0.1	<0.05	0.7	<0.5	2	<0.2	
1275008	Rock		0.05	0.019	8	11	0.10	36	0.002	<20	0.50	0.058	0.13	<0.1	<0.01	0.1	<0.05	1.4	<0.5	2	<0.2	
1275009	Rock		0.10	0.018	10	11	0.20	32	0.022	<20	0.57	0.067	0.14	0.2	<0.01	0.2	<0.05	1.3	<0.5	3	<0.2	
1275010	Rock		<0.01	0.002	1	17	0.02	14	0.001	<20	0.17	0.005	0.07	<0.1	<0.01	<0.1	<0.05	0.2	<0.5	<1	<0.2	
1275011	Rock		0.02	0.008	10	12	0.02	20	<0.001	<20	0.28	0.002	0.21	0.1	<0.01	0.2	<0.05	0.3	<0.5	<1	<0.2	

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Project: BETTY
Report Date: January 10, 2012

QUALITY CONTROL REPORT WHI11001286.2

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
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1275003	Rock	1.08	<2	<0.1	3.7	1.5	30	<0.1	3.6	8.2	321	1.67	2.7	0.3	0.8	1.9	20	<0.1	<0.1	<0.1	36
REP 1275003	QC		<2																		
Core Reject Duplicates																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
Reference Materials																					
STD AGPROOF	Standard																				
STD CDN-ME-3	Standard																				
STD DS8	Standard			12.8	112.1	118.2	314	1.8	36.9	7.6	580	2.45	24.7	2.7	120.3	6.1	56	2.5	4.4	6.7	40
STD DS8	Standard			12.3	104.1	124.4	307	1.6	36.6	6.9	598	2.41	23.4	2.5	98.7	6.0	61	2.2	4.6	5.6	40
STD DS8	Standard			14.0	112.6	116.6	299	1.8	35.3	7.2	587	2.41	26.3	2.8	160.8	6.9	63	2.3	4.9	7.1	41
STD DS8	Standard			15.2	111.3	126.9	317	1.8	37.3	7.4	592	2.42	24.2	3.0	138.1	7.6	74	2.6	4.6	7.0	40
STD OREAS45CA	Standard			0.9	518.6	21.4	71	0.3	254.1	90.2	925	16.10	4.2	1.3	39.3	7.3	14	<0.1	0.1	0.2	212
STD OREAS45CA	Standard			0.8	507.6	20.4	61	0.3	256.0	91.7	964	15.94	3.4	1.2	42.4	7.0	15	<0.1	<0.1	0.2	217

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Project: BETTY
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QUALITY CONTROL REPORT WHI11001286.2

Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te	Au
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	gm/t
MDL		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2	0.9
Pulp Duplicates																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
1275003	Rock	0.36	0.020	4	7	0.72	179	0.112	<20	1.16	0.105	0.25	<0.1	<0.01	<0.1	<0.05	1.9	<0.5	4	<0.2	
REP 1275003	QC																				
Core Reject Duplicates																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
Reference Materials																					
STD AGPROOF	Standard																				<0.9
STD CDN-ME-3	Standard																				10.0
STD DS8	Standard	0.60	0.084	12	110	0.60	282	0.099	<20	0.87	0.083	0.41	2.8	0.18	5.1	0.17	2.0	4.9	4	4.6	
STD DS8	Standard	0.68	0.077	15	114	0.59	286	0.100	<20	0.90	0.081	0.39	2.6	0.18	5.4	0.15	2.0	4.8	5	5.0	
STD DS8	Standard	0.69	0.079	15	110	0.60	291	0.109	<20	0.89	0.091	0.41	2.4	0.20	5.2	0.16	1.9	5.2	5	5.0	
STD DS8	Standard	0.72	0.081	18	112	0.60	297	0.122	<20	0.91	0.094	0.41	2.0	0.19	5.3	0.16	2.2	5.0	5	4.4	
STD OREAS45CA	Standard	0.43	0.041	17	734	0.14	172	0.126	<20	3.72	0.005	0.07	<0.1	0.04	<0.1	<0.05	37.1	<0.5	19	<0.2	
STD OREAS45CA	Standard	0.44	0.041	16	740	0.16	164	0.120	<20	3.88	0.007	0.07	<0.1	0.02	0.1	<0.05	35.9	<0.5	19	<0.2	

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www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BETTY
Report Date: January 10, 2012

QUALITY CONTROL REPORT WHI11001286.2

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX U ppm 0.1	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2
STD OREAS45CA	Standard			1.0	482.3	19.0	56	0.2	223.5	81.6	851	13.90	4.1	1.2	42.2	6.6	14	0.1	0.1	0.2	195
STD OREAS45CA	Standard			0.7	508.9	20.8	60	<0.1	242.7	82.4	867	14.70	3.4	1.2	42.5	7.1	16	0.1	<0.1	<0.1	189
STD OXC88	Standard		199																		
STD OXC88	Standard		188																		
STD OXC88	Standard		204																		
STD OXC88	Standard		212																		
STD OXC88	Standard		203																		
STD OXH82	Standard		1305																		
STD OXH82	Standard		1207																		
STD OXH82	Standard		1313																		
STD OXH82	Standard		1308																		
STD OXH82	Standard		1299																		
STD OXH82 Expected			1278																		
STD OXC88 Expected			203																		
STD CDN-ME-3 Expected																					
STD AGPROOF Expected																					
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank		<2																		
BLK	Blank		<2																		

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Vancouver BC V6C 1H2 Canada

Project: BETTY
Report Date: January 10, 2012

QUALITY CONTROL REPORT WHI11001286.2

		1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Te ppm 0.2	G6Gr Au gm/t 0.9
STD OREAS45CA	Standard	0.38	0.037	15	647	0.13	147	0.122	<20	3.49	0.013	0.07	<0.1	0.03	<0.1	<0.05	35.5	0.9	17	<0.2	
STD OREAS45CA	Standard	0.40	0.036	16	605	0.15	156	0.119	<20	3.98	0.013	0.08	<0.1	0.02	<0.1	<0.05	36.2	0.7	17	<0.2	
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXC88	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82	Standard																				
STD OXH82 Expected																					
STD OXC88 Expected																					
STD CDN-ME-3 Expected																					9.77
STD AGPROOF Expected																					0
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	5.4	0.1679	2.3	5.23	4.7	5	
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	0.07	0.021	39.7	0.5	18.4		
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2	
BLK	Blank																				
BLK	Blank																				

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Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BETTY
Report Date: January 10, 2012

QUALITY CONTROL REPORT WHI11001286.2

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX U ppm 0.1	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
Prep Wash																					
G1	Prep Blank		<2	<0.1	2.7	3.2	47	<0.1	2.4	3.9	553	2.00	0.6	1.5	<0.5	5.7	60	<0.1	<0.1	<0.1	39
G1	Prep Blank		<2	<0.1	2.5	3.1	46	<0.1	2.3	3.7	559	2.02	<0.5	1.7	<0.5	5.6	62	<0.1	<0.1	<0.1	37

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		1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Te ppm 0.2	G6Gr Au gm/t 0.9
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2	
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2	
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2	
Prep Wash																					
G1	Prep Blank	0.53	0.082	13	5	0.52	168	0.117	<20	0.96	0.104	0.51	<0.1	<0.01	0.3	<0.05	2.2	<0.5	5	<0.2	
G1	Prep Blank	0.56	0.082	12	4	0.51	162	0.119	<20	1.00	0.103	0.49	<0.1	<0.01	0.3	<0.05	2.3	<0.5	5	<0.2	

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Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Submitted By: Peter Tallman
Receiving Lab: Canada-Whitehorse
Received: September 13, 2011
Report Date: January 10, 2012
Page: 1 of 6

CERTIFICATE OF ANALYSIS WHI11001589.2

CLIENT JOB INFORMATION

Project: BETTY
Shipment ID:
P.O. Number
Number of Samples: 145

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
DISP-RJT Dispose of Reject After 90 days

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	145	Crush, split and pulverize 250 g rock to 200 mesh			SMI
3B	145	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX	145	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: 1DX1 U included.

Invoice To: Ethos Capital Corp.
Suite 680-789 West Pender St
Vancouver BC V6C 1H2
Canada

CC: Graeme

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
"*" asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.

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Project: BETTY
Report Date: January 10, 2012

CERTIFICATE OF ANALYSIS WHI11001589.2

Method		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
1275012	Rock	0.72	<2	0.1	1.9	22.1	27	<0.1	2.8	1.8	534	0.91	0.8	8.7	<0.5	24.5	6	<0.1	<0.1	0.4	12
1275013	Rock	1.30	<2	<0.1	2.5	23.5	4	<0.1	0.4	0.3	99	0.25	<0.5	4.0	<0.5	2.1	1	<0.1	<0.1	5.7	<2

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Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
Unit		%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
1275012	Rock	0.12	0.017	12	5	0.20	29	0.036	<20	0.43	0.064	0.14	0.1	<0.01	0.2	<0.05	1.5	<0.5	2	<0.2
1275013	Rock	0.02	0.001	<1	5	<0.01	8	<0.001	<20	0.15	0.052	0.07	<0.1	<0.01	<0.1	<0.05	0.1	<0.5	<1	<0.2

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Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2

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Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2

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Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2

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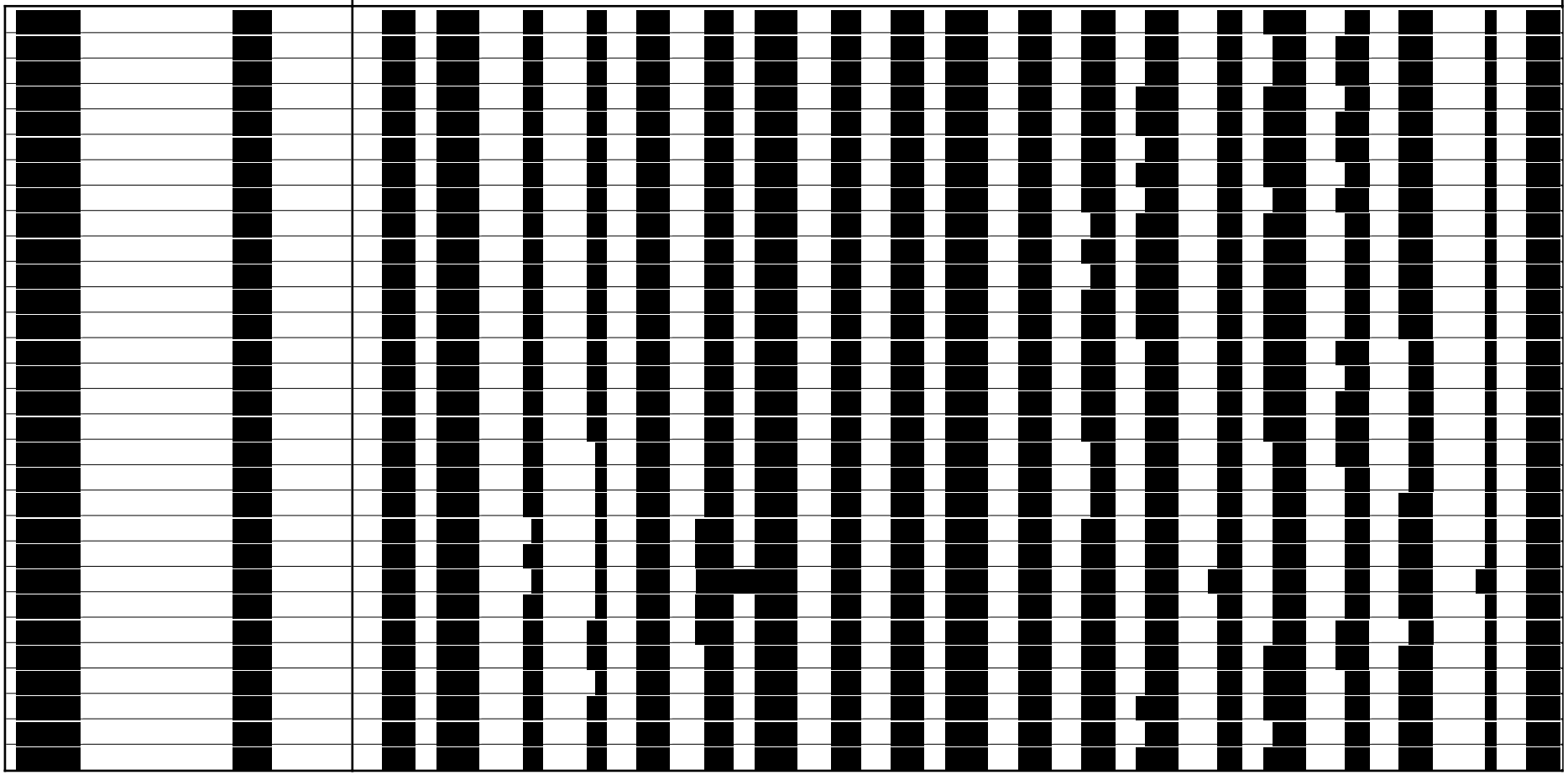
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Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2



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Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2

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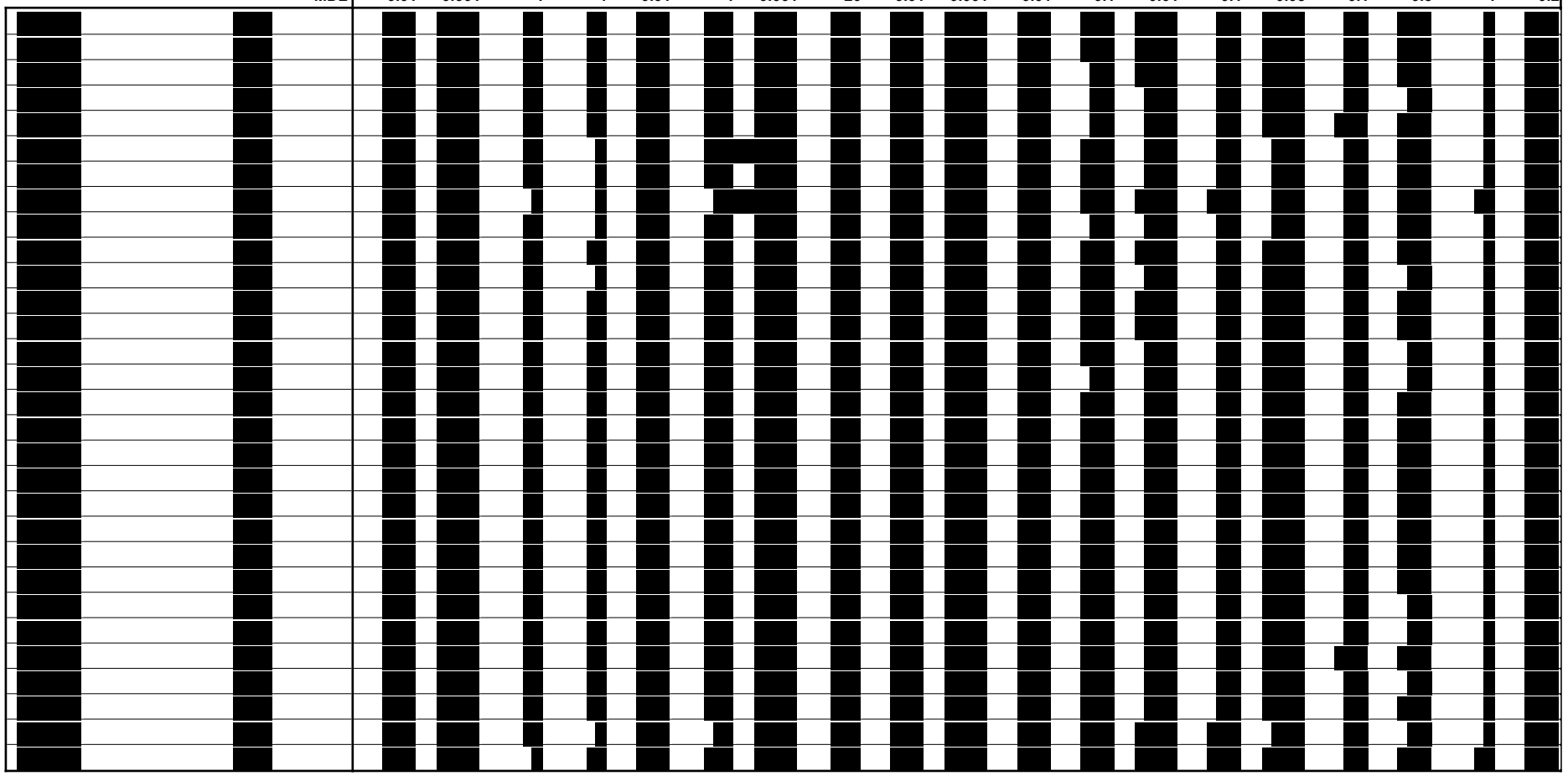
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Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2



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www.acmelab.com

Client: **Ethos Capital Corp.**
Suite 680-789 West Pender St
Vancouver BC V6C 1H2 Canada

Project: BETTY
Report Date: January 10, 2012

CERTIFICATE OF ANALYSIS WHI11001589.2

Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
[redacted]																				

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Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2

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Vancouver BC V6C 1H2 Canada

Project: BETTY
Report Date: January 10, 2012

QUALITY CONTROL REPORT WHI11001589.2

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.1	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
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[redacted]																					
[redacted]																					
Core Reject Duplicates																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
[redacted]																					
Reference Materials																					
STD DS8	Standard			13.9	112.7	123.4	319	1.8	40.6	7.7	614	2.51	24.5	2.6	95.0	6.1	64	2.2	2.3	5.5	41

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		Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Analyte	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Tl	S	Sc	Se	Ga	Te
		Unit	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
		MDL	0.01	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.05	0.1	0.5	1	0.2
Pulp Duplicates																					
[redacted]																					
Core Reject Duplicates																					
[redacted]																					
Reference Materials																					
STD DS8	Standard		0.65	0.075	14	122	0.62	290	0.106	<20	1.00	0.106	0.45	1.8	0.19	5.6	0.16	2.2	6.4	5	5.1

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Report Date: January 10, 2012

QUALITY CONTROL REPORT WHI11001589.2

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX U ppm 0.1	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2
STD DS8	Standard			13.8	109.5	141.2	310	1.8	38.5	7.7	624	2.52	25.9	3.4	104.3	7.7	79	2.5	5.8	8.1	43
STD DS8	Standard			13.8	119.2	125.1	335	2.1	40.2	7.9	649	2.64	26.4	2.9	125.1	7.1	73	2.5	2.7	6.9	45
STD DS8	Standard			14.5	109.6	134.1	326	2.0	39.0	8.0	639	2.60	28.0	2.8	194.4	7.1	70	2.7	3.9	6.3	43
STD DS8	Standard			15.0	118.3	134.8	331	2.0	41.1	8.0	644	2.66	26.1	3.2	125.8	8.0	82	2.5	4.3	7.0	43
STD OREAS45CA	Standard			0.7	571.2	22.7	63	0.3	272.6	96.6	962	17.20	4.4	1.3	51.7	7.3	16	<0.1	<0.1	0.2	223
STD OREAS45CA	Standard			0.9	535.6	23.9	67	0.3	271.9	97.3	970	17.82	4.3	1.5	40.8	9.0	19	<0.1	<0.1	0.2	216
STD OREAS45CA	Standard			0.6	527.0	21.7	65	0.3	268.3	95.0	979	17.19	4.5	1.3	40.6	7.6	18	0.1	<0.1	0.2	207
STD OREAS45CA	Standard			0.8	553.0	23.6	66	0.3	277.1	94.1	978	17.25	3.8	1.3	44.2	7.7	16	<0.1	<0.1	0.2	224
STD OREAS45CA	Standard			0.7	516.1	20.9	64	0.3	252.6	93.4	945	17.02	4.4	1.2	40.2	7.6	18	0.1	<0.1	0.2	202
STD OXC88	Standard		201																		
STD OXC88	Standard		199																		
STD OXC88	Standard		210																		
STD OXC88	Standard		198																		
STD OXC88	Standard		197																		
STD OXC88	Standard		193																		
STD OXH82	Standard		1284																		
STD OXH82	Standard		1325																		
STD OXH82	Standard		1308																		
STD OXH82	Standard		1340																		
STD OXH82	Standard		1276																		
STD OXH82	Standard		1326																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	2.8	107	6.89	67.7	2.38	4.8	6.67	41.1
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	1.2	43	7	15	0.1	0.13	0.19	215
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	0.6	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank		<2																		

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Project: BETTY
Report Date: January 10, 2012

QUALITY CONTROL REPORT WHI11001589.2

		1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Te ppm 0.2
STD DS8	Standard	0.72	0.080	17	118	0.62	300	0.138	<20	0.92	0.090	0.41	2.6	0.20	5.6	0.17	2.0	5.0	4	5.0
STD DS8	Standard	0.75	0.082	15	126	0.66	300	0.122	<20	1.01	0.105	0.44	1.9	0.19	5.4	0.18	2.5	6.9	5	4.7
STD DS8	Standard	0.75	0.087	17	118	0.65	312	0.111	<20	0.98	0.102	0.44	1.9	0.23	6.1	0.18	2.3	5.6	5	5.1
STD DS8	Standard	0.81	0.083	18	126	0.66	303	0.142	<20	1.03	0.099	0.45	2.2	0.21	5.6	0.16	2.6	5.0	5	5.2
STD OREAS45CA	Standard	0.45	0.038	17	775	0.15	164	0.137	<20	4.20	0.012	0.09	<0.1	0.03	<0.1	<0.05	40.3	0.5	19	<0.2
STD OREAS45CA	Standard	0.45	0.041	20	632	0.18	173	0.156	<20	4.16	0.011	0.08	<0.1	0.03	<0.1	<0.05	39.8	0.7	19	<0.2
STD OREAS45CA	Standard	0.45	0.038	18	685	0.19	169	0.127	<20	4.18	0.011	0.08	<0.1	0.04	<0.1	<0.05	46.7	1.0	20	<0.2
STD OREAS45CA	Standard	0.46	0.045	18	783	0.16	184	0.147	<20	4.09	0.010	0.08	<0.1	0.03	<0.1	<0.05	43.0	1.2	21	<0.2
STD OREAS45CA	Standard	0.44	0.039	17	662	0.19	157	0.173	<20	4.17	0.018	0.08	<0.1	0.02	<0.1	<0.05	43.3	0.7	19	<0.2
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD DS8 Expected		0.7	0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	5.4	0.1679	2.3	5.23	4.7	5
STD OREAS45CA Expected		0.4265	0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	0.07	0.021	39.7	0.5	18.4	
STD OXC88 Expected																				
STD OXH82 Expected																				
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank																			

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QUALITY CONTROL REPORT WHI11001589.2

		WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX U ppm 0.1	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		11																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.1	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank		<2	<0.1	2.3	3.9	51	<0.1	3.4	4.3	594	2.03	<0.5	1.9	2.1	5.6	67	<0.1	<0.1	<0.1	40
G1	Prep Blank		<2	0.2	1.9	4.4	54	<0.1	3.9	4.4	641	2.05	<0.5	2.1	1.3	5.2	73	<0.1	<0.1	<0.1	40

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		1DX Ca % 0.01	1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Tl ppm 0.1	1DX S % 0.05	1DX Sc ppm 0.1	1DX Se ppm 0.5	1DX Ga ppm 1	1DX Te ppm 0.2
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank	<0.01	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.05	<0.1	<0.5	<1	<0.2
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	0.55	0.079	13	8	0.58	207	0.137	<20	1.04	0.098	0.52	<0.1	<0.01	0.3	<0.05	1.9	<0.5	5	<0.2
G1	Prep Blank	0.56	0.075	12	7	0.63	233	0.143	<20	1.14	0.102	0.55	0.1	<0.01	0.4	<0.05	2.2	<0.5	6	<0.2

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Appendix VI - Geophysics

Logistics
Report

For the

High Resolution Helicopter Magnetic and
Gamma-ray Spectrometric Airborne Geophysical Survey

Flown over

Betty/Bridget/Haynes (BBH), Hen, and Wolf Blocks

From

Coffee Camp, YT, Canada

Carried out on behalf of

ETHOS CAPITAL CORP.

By

New-Sense Geophysics Limited



Toronto, Canada
October 27th, 2011
(HMR110615-report)

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AMENDMENT RECORD

Rev	Date	Description	Report Section	Prepared by

DOCUMENT RECORD

Document Identification	HMR110615-report
Document Custodian	Field Operations Manager
Relates To	Final Deliverables
Original Date Issued	October 27th, 2011

1. INTRODUCTION

A high sensitivity helicopter magnetic and gamma-ray spectrometric airborne survey was carried out for Ethos Capital Corp. (Client) in the vicinity of Coffee camp (operated by Kaminak Gold Corp.), approximately 100 km south of Dawson City, YT, Canada. The survey was flown over blocks known as Betty/Bridget/Haynes (BBH), Hen, and Wolf.

New-Sense Geophysics (NSG) flew the survey under the terms of an agreement with Client dated June 15th, 2011 (see Appendix G), with the subsequent addition of Haynes and two small extension blocks to the BBH block.

The survey was flown between July 8th and August 12th, 2011. A total of 12,499 line kilometers (BBH: 10,677 km; Hen: 1,261 km; Wolf: 561 km) of field magnetic and radiometric data was flown, collected, processed and plotted.

The geophysical equipment was comprised of 1 high-sensitivity Cesium-3 magnetometer mounted in a fixed stinger assemble, and a 1024-channel spectrometer with four downward looking crystals (total 16 liters), and one upward looking crystal (total 4 liters). Airborne ancillary equipment included; digital recorders, fluxgate magnetometer, radar altimeter, and global positioning system (GPS) receiver. The GPS receiver provided accurate real-time navigation and subsequent flight path recovery. Surface equipment included a magnetic base station with GPS time synchronization, and a PC-based field workstation which was used to check the data quality and completeness on a daily basis.

The technical objective of the survey was to provide high-resolution total field magnetic and radiometric maps suitable for anomaly delineation, detailed structural evaluation, and identification of lithologic trends. Fully corrected magnetic and radiometric maps were prepared by New-Sense Geophysics Limited, in their Toronto office, after the completion of survey activities.

This report describes the acquisition, processing, and presentation of data for the BBH, Hen, and Wolf airborne survey flown over BBH, Hen, and Wolf blocks, Coffee Camp, YT, Canada.

2. SURVEY LOCATION

Datum: WGS84
Projection: Universal Transverse Mercator Zone 7N
Local Datum Transform: World

Table 2.1: BBH Block Coordinates

UTM Zone 7N	
WGS84_X	**WGS84_Y**
Outside Block Outline	
604447	6987266
606007	6988264
606273	6988058
606201	6987961
606672	6987356
608849	6987375
609103	6986661
609164	6986643
609273	6986286
612163	6986286
615145	6986310
615320	6985772
617884	6985730
617896	6985137
619445	6985137
619469	6984236
619445	6984048
620781	6984073
620781	6983317
626780	6983347
628165	6983341
630300	6982676
630893	6982355
632151	6981623
633336	6980976
633457	6980734
636009	6979755
637170	6979368
637944	6979882
638053	6979882

638114	6979984
638440	6980238
638482	6980027
639384	6979053
640097	6978231
640514	6977825
640799	6977366
641978	6976114
642794	6975219
645764	6971772
647288	6970078
647276	6968966
647245	6967907
647233	6967829
647276	6967297
649997	6967345
654182	6967284
654025	6967224
654085	6964902
654115	6963837
654091	6962930
654043	6962289
656534	6962277
657816	6962283
657762	6958818
657780	6956804
657774	6955002
657738	6951567
654345	6951688
654254	6951621
654212	6951379
651890	6951349
650971	6951337
650940	6952014
650946	6952184
648884	6952262
647729	6952244
647723	6952976
647548	6953139
645619	6953212
644457	6953242
639541	6953290

639674	6955728
639595	6957723
638730	6957735
638755	6959024
637781	6959011
637775	6960396
635894	6960481
633179	6960421
632247	6960421
632272	6958800
632229	6958183
631377	6958195
631383	6957270
628262	6957300
628232	6957893
628250	6958763
625891	6958842
624567	6958842
624543	6958032
622354	6957977
622360	6960735
620570	6960765
620533	6957965
618344	6958020
614824	6958092
614867	6962132
614728	6962719
616760	6962767
616747	6964164
616741	6966486
616766	6970756
616657	6973901
615611	6973737
614824	6973157
613953	6973126
612859	6973090
611595	6973447
610379	6974148
609986	6974312
609079	6974596
607489	6974862
606122	6975044

605868	6975050
605711	6975521
605197	6976035
605257	6977227
605239	6978219
604943	6978618
604876	6978811
604392	6979241
604253	6979603
604265	6979785
604187	6979779
603969	6980196
603449	6980952
603473	6982518
603999	6982543
603951	6982954
604181	6982930
604169	6983099
604459	6983123
604447	6985844
604459	6987260
Inside Block Outline	
629597	6969520
631808	6970873
636084	6965995
636070	6962832
633135	6962886
633149	6964213
631406	6964213
631380	6965486
630495	6965472
630468	6968193
629584	6968233
629570	6969479

Table 2.2: Hen Block Coordinates

UTM Zone 7N	
WGS84_X	**WGS84_Y**
572737	7031978
578273	7034136
578833	7032537
580372	7032477
581131	7030579
581591	7030559
582590	7028180
586807	7029739
587786	7026981
587746	7026202
587766	7025982
589425	7021945
589985	7021985
590005	7018707
586987	7018727
586947	7019727
584109	7019747
583769	7020666
582970	7020646
581731	7023444
579313	7023584
577754	7027501
576914	7027481
576095	7029240
572697	7029240
572737	7032018

Table 2.2: Wolf Block Coordinates

UTM Zone 7N	
WGS84_X	**WGS84_Y**
537044	6992971
542037	6993034
542049	6992781
543061	6992781
543077	6990330
545685	6990371
545685	6988416
544334	6988402
544362	6985743
537455	6985672
537399	6988331
537033	6988359
537019	6993002

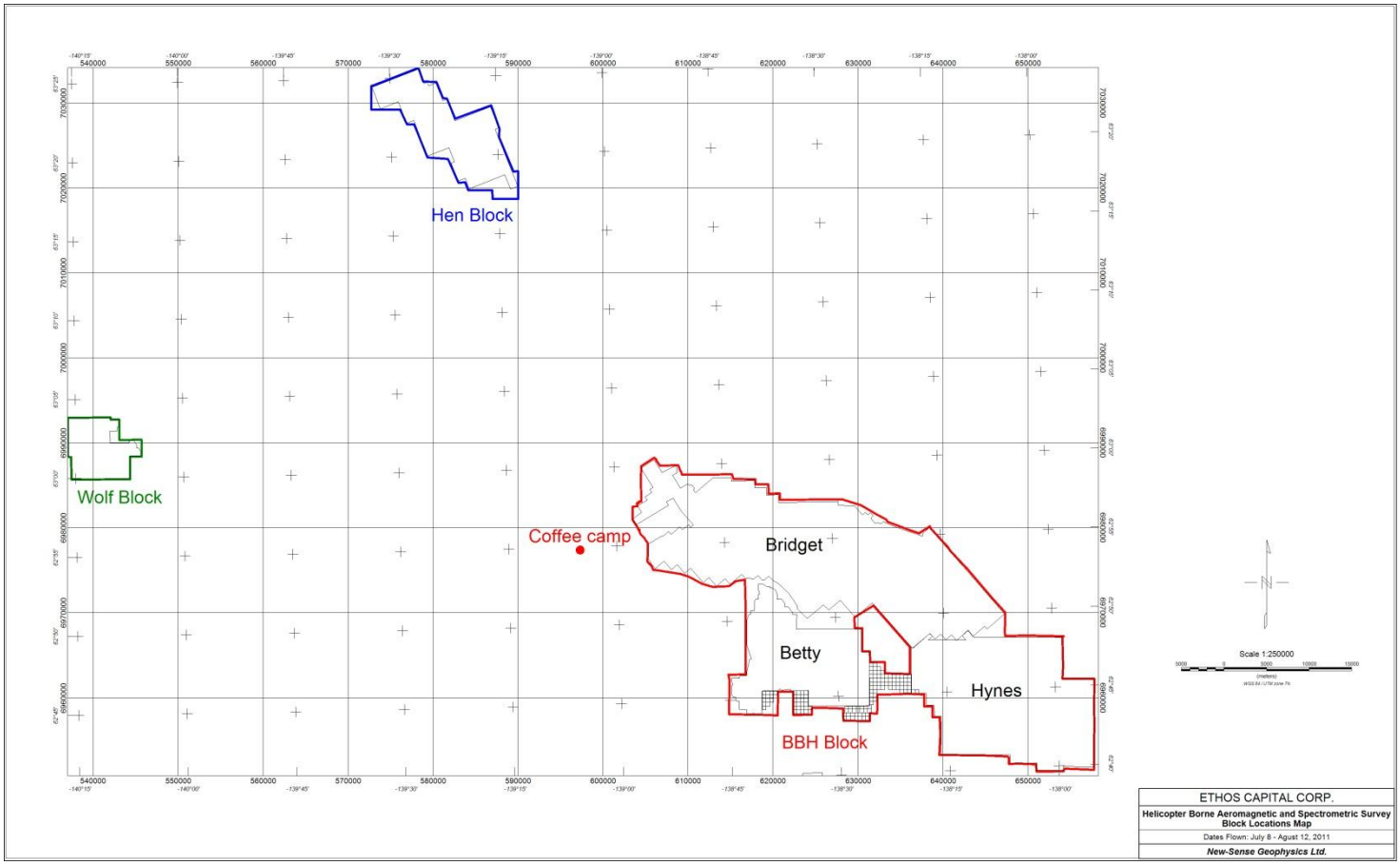


Figure 2.1 Location map depicting the outlines of flown BBH block (red), Hen block (blue), and Wolf block (green). The coordinate system is WGS84, World, UTM Zone 7N. UTM grid size 10 km.

3. PERSONNEL

3.1 FIELD OPERATIONS

New-Sense Geophysics Ltd., Geophysicist:	Pawel Starmach
Northern Air Support Ltd., Pilot:	Jim Stibbart
Northern Air Support Ltd., Pilot:	Mark McGowen

3.2 OFFICE DATA PROCESSING AND OFFSITE QA/QC

QA/QC (NSG):	Andrei Yakovenko
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Data Processing and Grids (NSG):	Andrei Yakovenko Pawel Starmach
Maps (NSG):	Andrei Yakovenko
Logistics Report (NSG):	Andrei Yakovenko

3.3 PROJECT MANAGEMENT

New-Sense Geophysics Ltd.:	Andrei Yakovenko, Vice President, Operations
Ethos Capital Corp.	Peter Tallman, Chief Operating Officer

4. SURVEY PARAMETERS

Traverse Line spacing:	100 m
Control Line spacing:	1000 m
Average Terrain clearance:	36 m (BBH); 43 m (Hen); 42 m (Wolf)
Navigation:	GPS
Traverse Line direction:	0^0, 180^0
Control Line direction:	90^0, 270^0
Measurement interval:	0.02/0.1 sec for magnetic; 1.0 sec for radiometric; 1.0 sec for GPS
Groundspeed (average):	124 km/hr (BBH); 131 km/hr (Hen); 123 km/hr (Wolf)
Measurement spacing (average):	3.4 m/0.1 sec for magnetic; 34/1.0 sec for radiometric (BBH) 3.6 m/0.1 sec for magnetic; 36/1.0 sec for radiometric (Hen) 3.4 m/0.1 sec for magnetic; 34/1.0 sec for radiometric (Wolf)
Airborne Digital Record:	Line Number Flight Number Radar Altimeter Total Field Magnetics Live Time Thorium counts Potassium counts Uranium counts Upward looking Uranium counts Cosmic counts Down Spectrum Up Spectrum Total Counts Time (System and GPS) Raw Global Positioning System (GPS) data Magnetic compensation parameters (fluxgate mag.)
Base Station Record:	Ambient Total Field Magnetics Raw Global Positioning System (GPS) data Time (System and GPS)

5. AIRCRAFT AND EQUIPMENT

5.1 AIRCRAFT

The aircraft used was a Bell 206 B3 helicopter (C-GMPS) equipped with a Cesium magnetometer mounted in a fixed stinger assembly and RS-500 airborne spectrometer mounted in the storage compartment. The aviation company providing the aircraft service was Northern Air Support based in Kelowna, BC, Canada.

5.2 AIRBORNE GEOPHYSICAL SYSTEM

5.2.1 MAGNETOMETER

One Scintrex CS-3 optically pumped Cesium split beam sensor was mounted in a fixed stinger assembly. The magnetometer's Larmor frequency output was processed by a KMAG-4 magnetometer counter, which provides a resolution of 0.15 ppm (in a magnetic field of 50,000 nT, resolution equivalent to 0.0075 nT). The raw magnetic data was recorded at 50 Hz, anti-aliased with 51 point COSINE filter and resampled at 10 Hz .

5.2.2 MAGNETIC COMPENSATION

The proximity of the aircraft to the magnetic sensor creates a measurable anomalous response as a result of the aircrafts movement. The orientation of the aircraft with respect to the sensor and the motion of the aircraft through the earth's magnetic field are contributing factors to the strength of this response. A special calibration flight, Figure of Merit (i.e., FOM), was flown to record the information necessary to compensate for these effects.

The FOM maneuvers consist of a series of calibration lines flown at high altitude to gain information in each of the required line directions. During this procedure, pitch, roll and yaw maneuvers are performed on the aircraft (typical angle ranges are 10^{o} pitch, 10^{o} roll, and 10^{o} yaw). Each variation is conducted three times in succession (first pitch, then roll, then yaw), providing a complete picture of the aircraft's effects at designated headings in all orientations.

A three-axis Bartington fluxgate magnetometer (recorded at 50 Hz) was used to measure the orientation and rates of change of the magnetic field of the aircraft, away from localized terrestrial magnetic anomalies. The QC Tools digital compensation algorithm was then applied to generate a correction factor to compensate for permanent, induced, and eddy current magnetic responses generated by the aircrafts movements.

5.2.3 GPS NAVIGATION

A U-BLOX RCB-LJ sixteen channel GPS receiver, which is an integral component of the iNAV V3 computer system, was used to run the flight control system and provide precise positioning of the aircraft.

5.2.4 ALTIMETER

A TRA 3500 radar altimeter was mounted inside the stinger. This instrument operates with a linear performance over the range of 0 to 2,500 feet and records the terrain clearance of the sensors. The raw radar altimeter data was recorded at 50 Hz, anti-aliased with a 21 point COSINE filter and re-sampled at 10 Hz.

5.2.5 GEOPHYSICAL FLIGHT CONTROL SYSTEM

New-Sense's iNAV V3 geophysical flight control system monitored and recorded magnetometer, spectrometer, altimeter, and GPS equipment performance. Input from the various sensors was monitored every 0.005 seconds for the precise coordination of geophysical and positional measurements. The input was recorded fifty times per second (one time per second in the case of GPS and radiometric data).

GPS positional coordinates and terrain clearance were presented to the pilot by means of a panel mounted indicator display. The magnetometer response, forth difference, altimeter profile and profiles of the radiometric windows were also available on the touch screen display, for real-time monitoring of equipment performance.

5.2.6 SPECTROMETER

The RS-500 Airborne Spectrometer with RSX-5 detector pack, manufactured by Radiation Solutions Inc. (RSI), was used for the survey. The RS-500 spectrometer has a multi-peak gain stabilization algorithm and is capable of recording 1024 channels with accuracy of 0.1 to 10 counts/second.

The RS-500 is connected to a crystal pack comprising four downward looking crystals (16 liters total) and one upward looking crystal (4 liters total). The downward crystals record the radiometric spectrum from 410 KeV to 2810 KeV over 1024 discrete energy windows, as well as from a cosmic ray channel that detects photons with energy levels above 3.0 MeV. From these 1024 channels, the standard Total Count, Potassium, Uranium and Thorium channels are extracted. The upward crystal is used to measure and correct for atmospheric Radon interference. The shock-protected Sodium Iodide (Thallium) crystal package is unheated and automatically stabilizes with respect to the multiple peaks. The RS-500 provides raw data that has been automatically corrected for gain, base level, ADC offset, and dead time.

5.2.7 IDAS DIGITAL RECORDING

The output of the CS-3 magnetometer, fluxgate magnetometer, altimeter, temperature, pressure, GPS coordinates, and time (system and GPS), were recorded digitally on a Compact Flash drive at a sample rate of fifty times per second (one time per second for GPS) by the iNAV V3 system.

5.2.8 PRESSURE AND TEMPERATURE

A Honeywell Precision Pressure Transducer, model PPT0020AWN2VA-A, was used to record the ambient pressure and temperature during the survey. The device was mounted within the helicopter stinger. The pressure and temperature output units were mbar and degrees Celsius respectively.

5.2.9 SPECTROMETER DIGITAL RECORDING

The output of the RS-500 spectrometer, GPS coordinates, and time (UTC), were recorded digitally on an internal RS-500 flash drive at a sample rate of 1 Hz. After each flight the data were copied and synchronized using UTC clock with the iDAS digital records.

5.3 GROUND MONITORING SYSTEM

5.3.1 BASE STATION MAGNETOMETER

A Scintrex CS-3 optically pumped cesium split beam sensor was used at the base of operations within the airport boundaries, in an area of low magnetic gradient and low/free from cultural electric & magnetic noise sources. The sensitivity and absolute accuracy of the ground magnetometer is +/- 0.01 nT. Data was recorded continuously at least every one second throughout all survey operations in digital form on a TC-10 data acquisition system. Both the ground and airborne magnetic readings were synchronized based on the GPS clock.

5.3.2 RECORDING

The output of the magnetic and GPS monitors was recorded digitally on a dedicated TC-10 computer. A visual record of the last three hours was graphically maintained on the computer screen to provide an up to date appraisal of magnetic activity. At the conclusion of each production flight raw GPS and magnetic data were transferred to the main field compilation computer.

5.4 FIELD COMPILATION SYSTEM

A field laptop computer was used for field data processing and presentation. The raw data was imported to Geosoft Oasis montaj for QA/QC and processing purposes. After the data was checked for quality control, the database with uncompensated magnetic readings was exported to QC Tools software package for magnetic compensation and base station data merging purposes. The compensated database was then imported back to Oasis for the subsequent and final processing.

6. PRE-SURVEY SPECTROMETER CALIBRATIONS

Pre-survey calibrations, and testing of the RS-500 (SN 5516) airborne gamma-ray spectrometry system were carried out on June 24th and 25th, 2011 in the vicinity of the survey area. For these calibrations and tests, the survey aircraft (registration C-GMPS) was mobilized in survey configuration. The installed equipment and configurations were selected to conform to the contracts technical specifications.

Calibration of the spectrometer system is a vital process to airborne gamma-ray spectrometry. The calibration of the spectrometer system involved three tests:

- **Calibration Pad** measurements, which are used to determine the "spectral overlap" (Compton scattering) coefficients. The calibration test was performed within a 12 month period before the survey by the manufacturer (Radiation Solutions Inc.), at its headquarters location in Mississauga, Ontario.

- **Cosmic Flight Test**, which is used to determine cosmic coefficients and aircraft background noise, was conducted on June 24th, 2011.

- **Height Attenuation Test**, which determined the altitude attenuation coefficients, was conducted on June 25th, 2011.

6.1 ENERGY WINDOWS

The airborne radiometric technique requires measurement of count rates for specific energy regions or windows in the natural gamma-ray spectrum. The standard energy regions (in accordance with the International Atomic Energy Agency (IAEA) 323), and their corresponding channel limits are:

Table 6.1 Downward spectrometer energy windows

Designation	Energy Limit (keV)		Channel Limit (inclusive)	
	Lower	Upper	Unit Values	
			Lower	Upper
Total Count (TC)	410	2810	137	937
K	1370	1570	457	523
U	1660	1860	553	620
Th	2410	2810	803	937
U (upward)	1660	1860	553	620
Cosmic	3200	infinity		

6.2 CALIBRATION PAD TEST

The Compton stripping coefficients as provided by RSI are listed below:

Table 6.2 Compton stripping coefficients

Stripping Ratios	Spectrometer (SN 5516)	"normal" values
Th into U (alpha = a23/a33)	0.271	0.250
Th into K (beta = a13/a33)	0.399	0.400
U into K (gamma = a12/a22)	0.752	0.810
U into Th (a = a32/a22)	0.046	0.060
K into Th (b = a31/a11)	0	0
K into U (g = a21/a11)	0	0.003

6.3 COSMIC FLIGHT TEST

In each of the spectral windows, the radiation increases exponentially with height due to radiation of cosmic origin. As well, the aircraft itself contributes a constant background to the count rate. By completing a series of flights within the same region, over a range of altitudes, these background contributions can be determined.

6.3.1 SETUP AND MEASUREMENT PROCEDURE

1. A resolution check was completed at the aircraft base prior to the cosmic test to insure the sensitivity and accuracy of the spectrometer.
2. Once the aircraft reached the desired altitude (first at ~9,300 feet), survey data were recorded for approximately ten minutes.
3. Step 2 was then repeated at the following remaining altitudes: 10,400, 11,500 and 12,400 feet above sea level (see table 6.3).

Table 6.3 Cosmic Test data

	Cosmic Test Flight Data (average counts)					
Altitude (ft)	Cosmic	UU	K	U	Th	TC
12434	346	5	31	21	23	450
11472	300	5	28	18	20	405
10419	255	4	26	16	16	357
9383	218	4	23	14	14	311

6.3.2 RESULTS FROM COSMIC FLIGHT TEST

At each altitude, the raw data for the five windows of interest (Th, K, U, TC, and U upward) were evaluated for quality. The mean values were then extracted and plotted against the cosmic background window (see Appendix A). The result is a linear trend, where the slope and intercept represent the cosmic stripping ratio and the aircraft background respectively. The results from the graphs are summarized below.

Table 6.4 Cosmic and aircraft background coefficients

Cosmic Flight Test Result		
Element	Cosmic	Aircraft Background
K	0.0604	10.108
U	0.0537	2.231
Th	0.0724	0
TC	1.0812	78.286
UU	0.0094	1.8768

6.4 ALTITUDE ATTENUATION TEST

The height attenuation of the spectrometer systems was calculated by flying a series of passes across a line over flat ground with uniform radioelement ground concentration. The test range was flown by acquiring data on a series of seven passes over a set path, at the following altitudes: 50, 100, 150, 200, 300, 500, 700, and 1000 feet above ground.

6.4.1 RESULTS FROM ALTITUDE ATTENUATION TEST

The airborne data from the altitude attenuation test was checked for quality, edited and divided into lines, where each line represents a pass. The radiometric windows were then corrected for background (aircraft and cosmic) and stripped of Compton contributions. After averaging the data for each line, the four windows of interest (K, U, Th, and Total Count) were plotted against the altimeter in order to obtain the height attenuation. The results were obtained using an exponential regression, where the slope represents the attenuation coefficient and the ‘y’ intercept represents the counts at 0 feet (see Table 6.5 and Appendix A).

Table 6.5 Height Attenuation coefficients

Element	Altitude attenuation coefficients
K	-0.014
U	-0.007
Th	-0.009
TC	-0.009

6.5 RADON HOVER TEST

On all survey flights, at least one radon normalization test was flown before or after data collection.

The test consisted of the helicopter hovering over a designated test area at nominal survey altitude (UTM WGS84_X: 597080; WGS84_Y: 6977260, Zone 7N) once daily (on production days only). The tests consisted of the pilot being guided using the iDAS navigation system, at fixed speed, and for approximately 5 min to allow for adequate statistics to be collected.

The determination of calibration constants that enable the stripping of the effects of atmospheric radon from the downward-looking detectors through the use of an upward looking detector is divided into two parts:

1) Determining the relationship between the upward and downward looking detector count rates for radiation due to atmospheric radon.

The procedures describing how to determine these calibration factors are documented in IAEA Report #323 on airborne gamma-ray surveying.

The hover tests or test lines normally require many over-water measurements where there are little to no contributions from the ground. Where this is not possible, it is standard procedure to establish a test line/spot over ground where a series of repeat measurements are acquired.

Two test areas were established over a flat ground near the base of operations. Each day when flying took place, the aircraft hovered over the test area for ~5 min. The test results were used to estimate the relationships between the background and cosmic corrected counts in the downward uranium window and in the other four windows (i.e., potassium, thorium, total count and upward uranium) due to atmospheric radon. The following relationship coefficients were calculated and used.

Note: Only the “a” constants were used in the final processing. The “b” constants are normally near zero for over-water calibrations.

Table 6.6 Calibrations Factors

a_{uu}	0.25	Upward Uranium vs down Uranium slope
a_k	1.13	Potassium vs down Uranium slope
a_T	0.1	Thorium vs down Uranium slope
a_i	15.66	Total Count vs down Uranium slope
b_{uu}	-3.9	Upward Uranium background
b_k	77.86	Potassium background
b_T	20.55	Thorium background
b_i	558.32	Total Count background

2) Determining the relationship between the upward and downward looking detector count rates for radiation originating from the ground using complete survey dataset.

The component of the upward detector count rate originating from the ground depends on the concentration of uranium and thorium in the ground, as are the components of the uranium and thorium down window count rates that originate from the ground (see IAEA Report #323). Consequently the upward detector ground component is related to the downward detector ground components by linear equation:

$$u_g = a_1 \times U_g + a_2 \times T_g$$

Where:

- u_g , U_g and T_g are contributions in the windows that originate from the ground.
- a_1 and a_2 are empirically determined calibration factors

The procedure, as per IAEA Report # 323, in determining, the a_1 and a_2 factors were applied to each survey block's dataset separately with the following results:

Table 6.7 BBH block a_1 and a_2 factors

a_1 :	0.047
a_2 :	0.036

Table 6.8 Hen block a_1 and a_2 factors

a_1 :	0.032
a_2 :	0.035

Table 6.9 Wolf block a_1 and a_2 factors

a_1:	0.045
a_2:	0.040

6.6 RADIOELEMENT GROUND CONCENTRATIONS AND SYSTEM SENSITIVITIES

The radiometric ground concentrations were measured using a calibrated portable spectrometer (RSI-125) during the same time as the airborne altitude attenuation flights took place (i.e., June 25th, 2011). The sensor was positioned one meter above the soil and away from the operators' body in the vicinity of altitude attenuation test strip. Fourteen 300-second measurements were taken over the length of the calibration range.



The resulting mean radiometric equivalent ground concentrations for the calibration range on were as follows:

Table 6.10 Ground concentrations

Radio Element	Ground Concentration	
Potassium	0.9	%
Equivalent Uranium	1.86	*ppm*
Equivalent Thorium	5.28	*ppm*
Total	35.98	nGy/h

Using these ground concentrations and the altitude attenuation calibration flight data, the System Sensitivities were obtained:

$$S = N/C$$

Where:

- S is the sensitivity for each window
- N is the striped count rate in the window at the survey altitude (i.e, 30m)
- C is the respective ground radioelement concentration.

With the following results:

Table 6.11 Sensitivities @ 30m from

	Sensitivities @ 30m
K	89.34 $cps/(\%)$
U	6.43 $cps/(ppm)$
Th	3.98 $cps/(ppm)$
TC	22.78 $cps/(nGy/h)$

Note: Determining of radioelement ground concentrations and system sensitivities were not part of the singed agreement. Such data are made available to the client as a courtesy.

7. OPERATIONS AND PROCEDURES

7.1 FLIGHT PLANNING AND FLIGHT PATH

The block outline coordinates (section 2.0) were used to generate pre-calculated navigation files. The navigation files were used to plan flights at the designated traverse line spacing of 100 meters and control lines of 1000.

Preliminary flight path maps and magnetic maps were plotted and updated, to monitor coverage of the survey area.

7.2 BASE STATION

The magnetic base station was established in magnetically quiet area at the camp site at latitude: -62.912537; and longitude: -139.088559.

The base station readings were monitored to ensure that the diurnal variation were within the peak-to-peak envelope of 20 nT from a long chord distance equivalent to a period of two minutes.

7.3 AIRBORNE MAGNETOMETERS

The FOM tests of the performance of the CS-3 and fluxgate magnetometers were performed on July 8th, and July 22nd, 2011 in order to monitor the ability of the system to remove the effects of aircraft motion on the magnetic measurement.

The FOM maneuvers consisted of a series of calibration lines flown at high altitude (10,000+ ft above sea level) to gain information in each of the required line directions. During this procedure, pitch, roll, and yaw maneuvers were performed on the aircraft.

The following ranges were used:

Pitch: 10-15^{o}
Roll: 10-15^{o}
Yaw: 10-15^{o}

The total FOM noise was 0.7 nT with an envelope of 0.08nT (July 8th test); and 0.97 nT with an envelope of 0.11 nT (July 22nd test) (Appendix B).

7.4 THORIUM RESOLUTION TESTS

In order to monitor the resolution of the crystal pack, a twice-daily a resolution test of the spectrometer was performed in RadAssist (RSX-5 spectrometer interface program) using ~2000 thorium background counts per crystal.

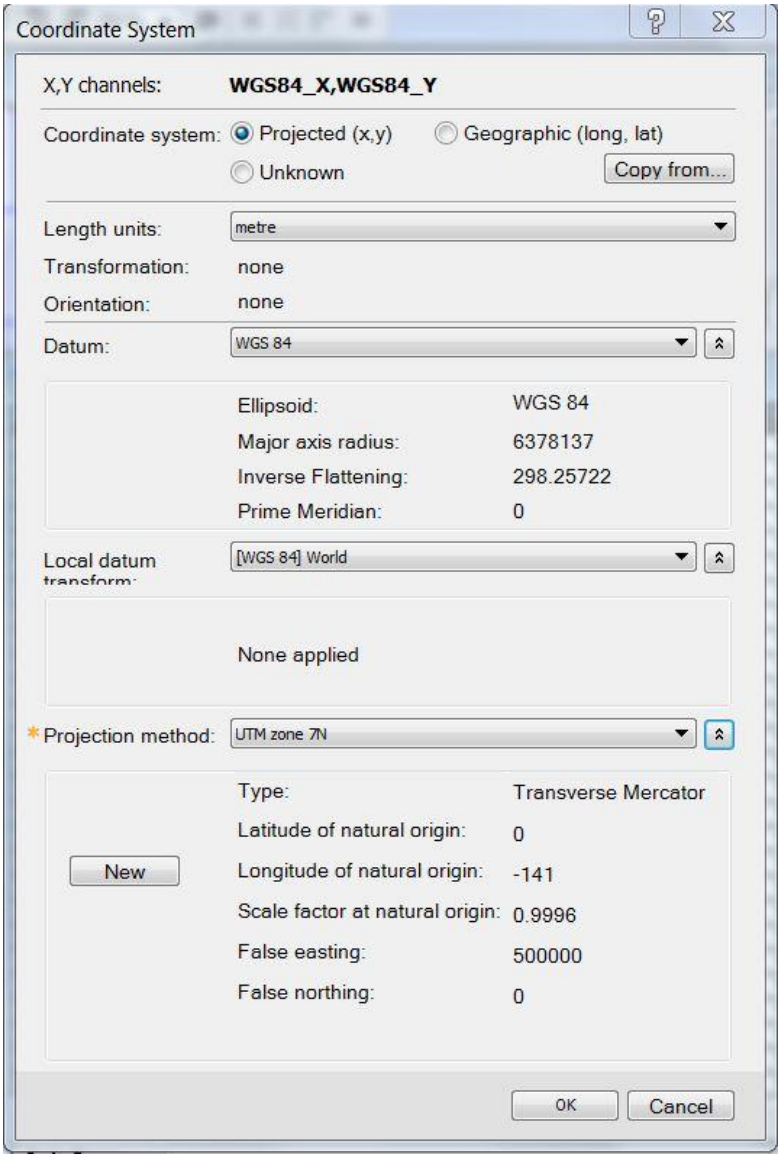
The results from the resolution tests were always found to be within the contract specifications (see Appendix D for the daily test results).

7.5 DATA COMPILATION

Data recorded by the airborne and base station systems was transferred to the field compilation system. As each flight was completed, the following compilation operations were carried out:

7.5.1 FLIGHT PATH CORRECTIONS

The navigational correction process yields a flight path expressed in WGS84, World and transformed to correspond to WGS84, World, UTM Zone 7N.



All 1.0 Hz GPS records were linearly interpolated and resampled at 10 Hz (0.1 sec) intervals.

7.5.2 MAGNETIC CORRECTIONS

7.5.2.1 FILTERING AND COMPENSATION

The raw 50Hz magnetic data were filtered, along with the fluxgate magnetometer data, with a 51 cosine anti-aliasing algorithm and re-sampled at 10 Hz.

The filtered and re-sampled data were stored in the MAG_FILT channel.

Then the MAG_FILT data were compensated for permanent, induced, and eddy current magnetic noise generated by the aircraft using data from the fluxgate magnetometer error (see Appendix B).

The compensated magnetic data were then stored in the MAG_COMP channel.

7.5.2.2 DIURNAL CORRECTIONS

The compensated magnetic data were adjusted to account for diurnal variations. When the magnetic variations recorded at the base station recognized to be caused by man-made sources, (such as equipment, vehicles passing by the sensor), they were removed and gaps interpolated.

The diurnal data were recorded at 1Hz and filtered with a 31-point low pass filter. The filtered data were then subtracted directly from the aeromagnetic measurements to provide a first order diurnal correction.

After base station removal, the total magnetic field values become very small. To bring the total magnetic measurements back to ‘normal’ values, project averages (i.e., BBH: 57,197.57 nT; Hen: 57,186.76 nT; Wolf: 57,202.48 nT) from the base station readings were added back to the magnetic data.

The resulting base station corrected data were stored in the MAG_DIURNAL_CORR channel.

7.5.2.3 HEADING CORRECTIONS

Optically pumped magnetic sensors have an inherent heading error, typically 1 to 2 nT peak-to-peak, as the sensor is rotated through 360 degrees. On flight line directions of the opposite heading, the affect is reasonably predictable.

Results from the previously flown (June 23rd, 2011 in 45^0, 135^0, 225^0, and 315^0 directions for Kaminak Gold Corp.) heading test flight were used to estimate the heading errors for 0^0, 90^0, 180^0, and 270^0 directions by interpolation.

The following heading corrections were applied to the data set:

```
/ Geosoft Heading Correction Table
/=   Direction:real:i
/=   Correction:real
/     Direction   Correction
      0    -1.03
      90     0.43
      180    1.03
      270    -0.43
      360    -1.03
```

The heading corrected magnetic data were stored in MAG_HEADING_CORR channel.

7.5.2.4 LAG CORRECTIONS

There are two potential types of Lag offsets when collecting airborne data: time lag and distance lag.

NSG insures that there is no time lag in the data acquisition system by recording unique markers every 1-second based on the GPS time stamp (associated with the EXACT change in GPS positioning). This information is used to realign (if necessary) the individual data records.

The distance lag is determined by dividing the distance from the GPS antenna to the sensor head by the averaged sample rate distance.

5.2 / 3.44 m = 1.51 records
5.2 / 3.6 m = 1.44 records
5.2 / 3.4 m = 1.53 records

A lag corrections of -2 records (BBH and Wolf) and -1 record (Hen) were applied to the MAG_HEDAING_CORR channel and stored in the MAG_LAG_CORR channel.

7.5.2.5 IGRF CORRECTIONS

The total field strength of the International Geomagnetic Reference Field (IGRF, 2010 model) was calculated for every data point, based on the spot values of Latitude, Longitude and altitude. This IGRF was removed from the measured survey data on a point-by-point basis from the lag corrected channel.

After IGRF correction the total magnetic field values become negative. To bring the total magnetic measurements back to 'normal' values an average (i.e., BBH: 57,298.31 nT; Hen: 57,324.55 nT; Wolf: 57,182.47 nT) of IGRF values based on the whole project were added back to the magnetic data.

The IGRF corrections were applied to the MAG_LAG_CORR channel and stored in the MAG_IGRF_CORR channel.

7.5.2.6 LEVELING CORRECTIONS

After the data were corrected for IGRF, a survey traverse/control line intercepts array/matrix (i.e., Simple Leveling) was created for determining differences in magnetic field at the intersection points. The somewhat rugged terrain of the survey blocks, resulted in some line-to-line difference in altitude, and relatively strong magnetic anomalies made magnetic signal at some Traverse/Control line intersection points quite different. As a result, some of those intersection points needed to be manually adjusted in order to reduce line-to-line magnetic differences.

The resulting simple leveled magnetic data were stored in MAG_SMPL_LVL channel.

Further it was decided to apply microlevelling techniques to the conventionally leveled magnetic data (see Appendix F for full description of the procedure).

The following key parameters were used:

Table 7.2 Magnetic data microlevelling parameters

Block Name	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
BBH BK	100	0	20	400	20	clip	250
Hen BK	100	0	20	400	17.4	clip	500
Wolf BK	100	0	20	400	33.9	clip	200

The resulting microleveled magnetic data were stored in the TMI_FINAL channel.

In addition, the BBH block was fully decorrugated (i.e., microleveled without constrains on Amplitude Limit and Naudy Filter) and stored in TMI_decor channel. Such data is to be treated with caution, as pure decorrugation procedure tends to remove significant amount of geological signal along with the line-to-line linear noise offsets.

7.5.3 VERTICAL DERIVATIVE

A 1-st Order Vertical Derivative (VDV) dataset was calculated using 2D FFT2 algorithm based on the final TMI grids and sampled back to the database.

The VDV data were stored in the VDV channel.

7.5.4 GRIDDING

The final TMI and VDV grids were produced from the TMI_FINAL and VDV channels respectively.

The data were gridded using a bi-directional line gridding method with a grid cell size of 20 meters, Akima interpolation method for across and down line spline and trend angles perpendicular to those of traverse line directions.

7.5.5 RADIOMETRIC DATA CORRECTIONS

7.5.5.1 LIVE TIME CORRECTIONS

The spectrometer uses the notion of "live time" to express the relative period of time the instrument was able to register new pulses per sample interval.

The live time correction is applied to the total count, potassium, uranium, thorium and upward uranium channels.

The formula used to apply the correction is as follows:

$$C_{LT} = C_{raw} \times \left(\frac{1000}{LT} \right)$$

Where:

- C_{LT} is the live time corrected channel
- C_{raw} is the raw channel
- LT is the Live Time channel

7.5.5.2 PRE-FILTERING

The cosmic channel data were processed with a 15-point low pass filter to remove spikes.

When Radon corrections were applied, live time, background, and cosmic corrected uranium, thorium, and upward uranium were pre-filtered with 3, 3 and 21 (BBH, Wolf) and 3, 3, 5 (Hen) point low pass filters respectively.

The radar altimeter channel while recorded at 50Hz was filtered with 21-point COSINE filter and then sampled to 1Hz.

7.5.5.3 AIRCRAFT AND COSMIC BACKGROUND

Aircraft background and cosmic stripping corrections (see section 6.3.2) were applied to the live corrected total count, potassium, uranium, thorium and upward uranium channels using the following formula:

$$C_{ac} = C_{LT} - (ac + bc \times cof)$$

Where:

- C_{ac} is the background and cosmic corrected channel
- C_{LT} is the live time corrected channel
- ac is the aircraft background for this channel
- bc is the cosmic stripping coefficient for this channel
- cof is the filtered cosmic channel

7.5.5.4 RADON CORRECTION

Once the survey was completed, the relationships between the counts in the downward uranium window and in the other four windows (i.e., upward uranium, thorium, potassium and total count) due to atmospheric radon were determined using linear regression for the test site (see section 6.5 for the resulting values).

The equations solved for were:

$$u_r = a_u \times U_r + b_u$$
$$K_r = a_K \times U_r + b_K$$
$$T_r = a_T \times U_r + b_T$$
$$I_r = a_I \times U_r + b_I$$

Where:

- u_r is the radon component in the upward uranium window

- K_r, U_r, T_r and I_r are the radon components in the various windows of the downward detectors
- the various "a" and "b" coefficients are the required calibration constants

After the "a" coefficients were established, the background and cosmic corrected thorium, uranium and upward uranium data for each line were smoothed with 3, 3 and 21 point low pass filters (BBH, and Wolf) and 3, 3, and 5 point low pass filter (Hen) to produce Th_f, U_f, and u_f respectively. The radon component in the downward uranium window was then determined using the following formula:

$$U_r = \frac{\left(u_f - a_1 \times U_f - a_2 \times Th_f + a_2 \times b_T - b_U\right)}{\left(a_u - a_1 - a_2 \times a_T\right)}$$

Where:

- U_r is the radon component in the downward uranium window
- u_f is the filtered upward uranium
- U_f is the filtered uranium
- Th_f is the filtered thorium
- a_1, a_2 (see section 6.5), au and at are proportionality factors
- bu and bt are background constants

Note: the "b" background constants are normally near zero for over-water calibrations and as such they were not included in the calculation of Ur.

The effects of radon in the downward uranium are removed by directly subtracting Ur from background and cosmic corrected uranium.

The effects of radon in the Total Count, Potassium, Thorium and upward Uranium are then removed based upon previously established relationships with Ur.

The corrections were applied using the following formula:

$$C_{rc} = C_{ac} - \left(ac \times U_r + bc\right)$$

Where:

- C_{rc} is the radon corrected channel
- C_{ac} is the background and cosmic corrected channel

- U_r is the radon component in the downward uranium window
- ac is the proportionality factor and
- bc is the background constant for this channel

7.5.5.5 COMPTON STRIPPING

Following the radon corrections the potassium, uranium and thorium were corrected for spectral overlap (see section 6.2). First the stripping ratios α, β, and χ were modified according to altitude. Then an adjustment factor based on the reversed stripping ratio (a), uranium into thorium, was calculated.

$$\alpha h = \alpha + hef \times 0.00049$$
$$\beta h = \beta + hef \times 0.00065$$
$$\chi h = \chi + hef \times 0.00069$$

Where:

- α, β, χ are the Compton stripping coefficients
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- hef is the height above ground in meters

The stripping corrections are then carried out using the following formulas:

$$ar = \frac{1}{1 - a\alpha h}$$

$$Th_c = (Th_{bc} - aU_{rc}) \times ar$$

$$U_c = (U_{rc} - Th_{bc}\alpha h) \times ar$$

$$K_c = K_{bc} - \beta h Th_c - \chi h U_c$$

Where:

- U_c, Th_c, and K_c are corrected Uranium, Thorium and Potassium
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- U_{bc}, Th_{bc}, and K_{bc} are background and cosmic corrected Uranium, Thorium and Potassium
- ar is the backscatter correction
- a is the reverse stripping ratio U into Th

7.5.5.6 EQUIVALENT HEIGHT AT STP

The following formula was used to calculate Equivalent Height at STP:

$$H_e = H \times \left(\frac{273.15}{T + 273.15} \right) \times \left(\frac{P}{1013.25} \right)$$

Where:

- H is the observed height
- H_e is the equivalent height at STP
- T is the temperature in degrees Celsius
- P is the barometric pressure in mbar.

7.5.5.7 HEIGHT ATTENUATION CORRECTIONS

The Total Count, Potassium, Uranium and Thorium data were then corrected to a nominal survey altitude of 30m (see section 6.4.1) using the following equation:

$$C_a = C \times e^{-\mu(h_0 - h_e)}$$

Where:

- C_a is the output altitude corrected channel
- C is the input channel
- μ is the attenuation correction for that channel
- h_e is the STP height
- h_0 is the nominal survey altitude

The altitude attenuation corrected data were then stored in U_CORR, Th_CORR, K_CORR and TC_CORR channels.

7.5.5.8 LEVELING OF HEIGHT ATTENUATION CORRECTED DATA

The resulting height attenuation corrected data were further microleveled using the following key parameters (see Appendix F for full description of the procedure).

Table 7.4 Radioelement microlevelling parameters

Radioelement	Line Spacing (m)	Line Direction (deg.)	Grid Cell Size (m)	Decorrugation Cutoff (m)	Amplitude Limit (nT)	Amplitude Limit Mode	Naudy Filter Limit
U	100	0	20	400	10	Clip	0
K	100	0	20	400	15	Clip	0
Th	100	0	20	400	10	Clip	0
TC	100	0	20	400	100	Clip	0

The resulting microleveled altitude attenuation corrected line data were then stored in the final U_FINAL, K_FINAL, Th_FINAL and TC_FINAL channels.

Note: in the instances where no microlevelling was applied (i.e., all of the control lines), the data in the final channels were copied directly from U_ CORR, Th_ CORR, K _CORR and TC _CORR.

7.5.5.9 CONVERSION TO APPARENT RADIOELEMENT CONCENTRATIONS

The next step is to convert the corrected potassium (K_FINAL channel), uranium (U_FINAL channel) and thorium (Th_FINAL channel) to apparent radioelement concentrations (see section 6.6) using the following formula:

$$eE = C_{cor} / s$$

Where:

- eE is the element concentration $K_{\%}$ and equivalent element concentration of U_{ppm} & Th_{ppm}
- s is the experimentally determined sensitivity
- C_{cor} is the fully corrected channel

The resulting apparent concentration data were stored in K_Percent, eU and eTh channels.

Note 1: experimentally determined sensitivities (Table 6.9, Section 6.6) were used when calculating the above apparent radioelement concentrations. These channels were used in producing of the corresponding grids.

Note 2: determining of apparent radioelement concentrations were not part of the singed agreement. Such data are made available to the client as a courtesy.

7.5.5.10 AIR ABSORPTION DOSE RATE

Finally the natural air absorption dose rate was determined using the following formula:

$$E = 13.078 \times K_{\%} + 5.675 \times eU_{ppm} + 2.494 \times eTh_{ppm}$$

Where:

- E is the air absorption rate (nGy/h)
- $K_{\%}$ is the concentration of potassium (%)
- eU_{ppm} is the equivalent concentration of potassium (ppm)
- eTh_{ppm} is the equivalent concentration of potassium (ppm)

The resulting natural air absorption rate data were stored in E channel.

Note 1: K_percent, eU and eTh channels (Section 7.5.5.9) were used when calculating the above air absorption rate. This channel was used in producing of the corresponding grid.

A detailed description of how most of the procedures, formulae and constants were determined could be found in:

I.A.E.A. *Report, Airborne Gamma Ray Spectrometer Surveying*, Technical Report Series No. 323, 1991.
and
I.A.E.A *Guidelines for Radioelement Mapping Using Gamma Ray Spectrometry Data,* Technical Document No. 1363, 2003.

7.5.5.11 GRIDDING

Two sets of radiometric grids were produced per block: one, in counts/sec units; and the second set in percent for K, ppm for Th and U, and nGy/h for E (Dose Rate). The counts/sec grids were made from the corresponding U_FINAL, Th_FINAL, K_FINAL and TC_FINAL channels. The apparent radioelement concentration grids were made from the corresponding K_Percent, eTh, eU and E channels.

The data were gridded using a bi-directional line gridding method with a grid cell size of 30 meters, Akima interpolation method for across and down line spline and trend angles perpendicular to those of traverse line directions.

7.5.5.12 TERNARY MAP

The radioelement ternary map was produced by creating individual grids for each of the three radioelements (potassium, thorium and uranium), then assigning a specific colour to each. Cyan represents thorium, yellow uranium, and magenta potassium. The relative concentrations of the radioelements are represented by the blends of the three colours.

8. MAP PRODUCTS AND DIGITAL DATA DELIVERABLES

The following is the list of items delivered to **Ethos Capital Gold Corp.**

1) Hard Copy Maps for BBH, Hen, and Wolf @ 1:50,000 scale (x2):

- Maps of Total Magnetic Intensity
- Maps of Ternary Image (Th, U and K)
- Maps of Potassium counts
- Maps of Thorium counts
- Maps of Uranium counts
- Maps of Total Count

2) Hard Copy Logistics Report (x2):

3) Digital Copy (DVD) Maps for BBH, Hen, and Wolf @ 1:50,000 scale (x2):

- Maps of Total Magnetic Intensity
- Maps of Potassium counts
- Maps of Thorium counts
- Maps of Uranium counts
- Maps of Total Count
- Ternary Map of Th, U and K

4) Digital Copy Grids (DVD) for BBH, Hen, and Wolf (x2):

- Grids of Total Magnetic Intensity (nT)
- Grids of 1st order Vertical Derivative (nT/m)
- Grids of Potassium (counts/sec)
- Grids of Thorium (counts/sec)
- Grids of Uranium (counts/sec)
- Grids of Total Count (counts/sec)
- Grids of Apparent Potassium concentrations (%)
- Grids of Apparent Thorium concentrations (ppm)
- Grids of Apparent Uranium concentrations (ppm)
- Grids of Air Absorption Dose Rates (nGy/h)

5) Digital Copy (DVD) Databases for BBH, Hen, and Wolf (x2):

- Magnetics data databases: *Block Name*_Magnetic_Data.gdb (see Appendix C for details)
- Radiometric data database: *Block Name* Radiometric_Data.gdb (see Appendix C for details)

6) Digital Copy (DVD) Logistics Report (x2)

7) Digital Copy (DVD) Weekly and Line Report (x2)

9. SUMMARY

This report describes the logistics of the survey, equipment used, field procedures, data acquisition and presentation of results.

The various maps included with this report display the magnetic and radiometric properties of the survey area. It is recommended that the survey results be reviewed in detail, in conjunction with all available geophysical, geological and geochemical information.

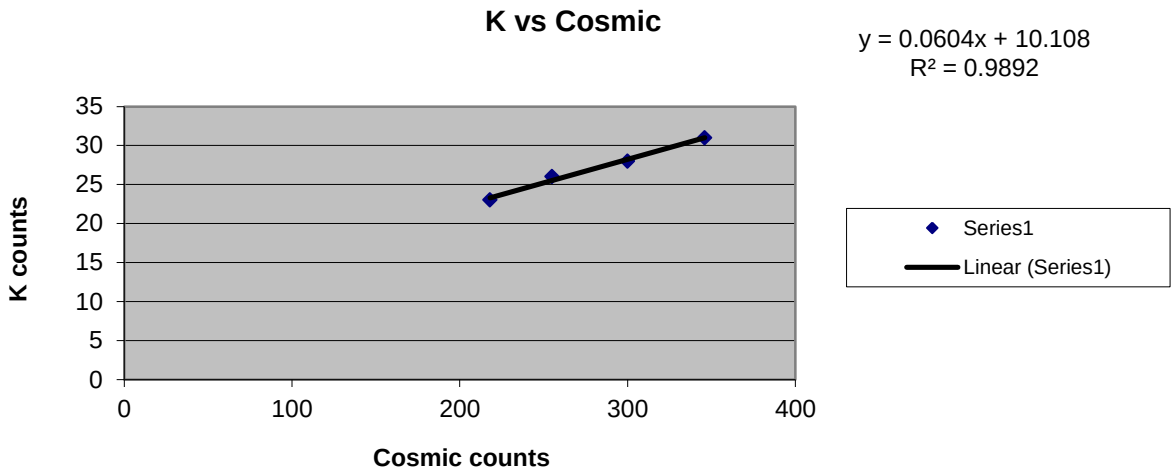
Further processing of the data may enhance subtle features that can be of importance for exploration purposes.

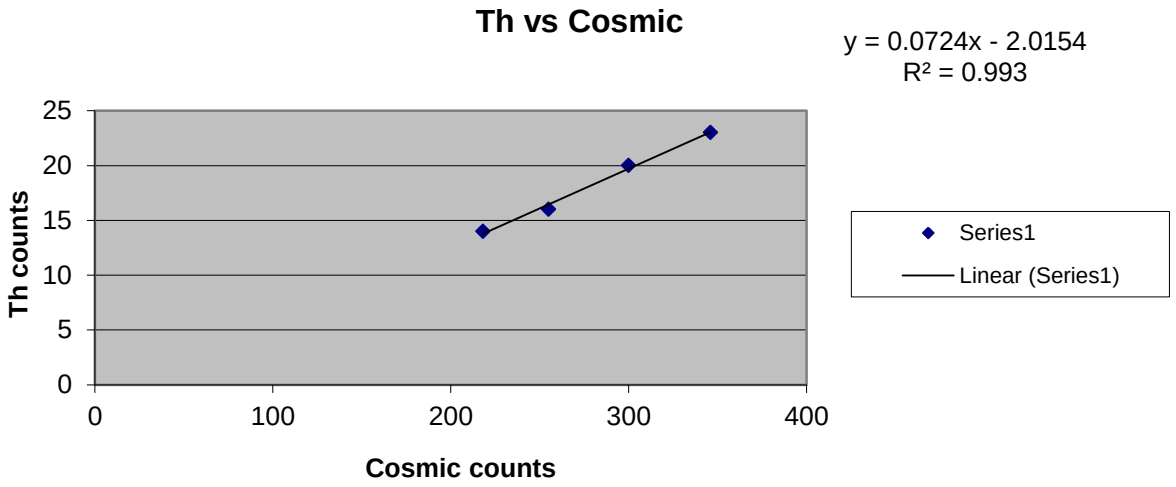
Respectfully submitted,

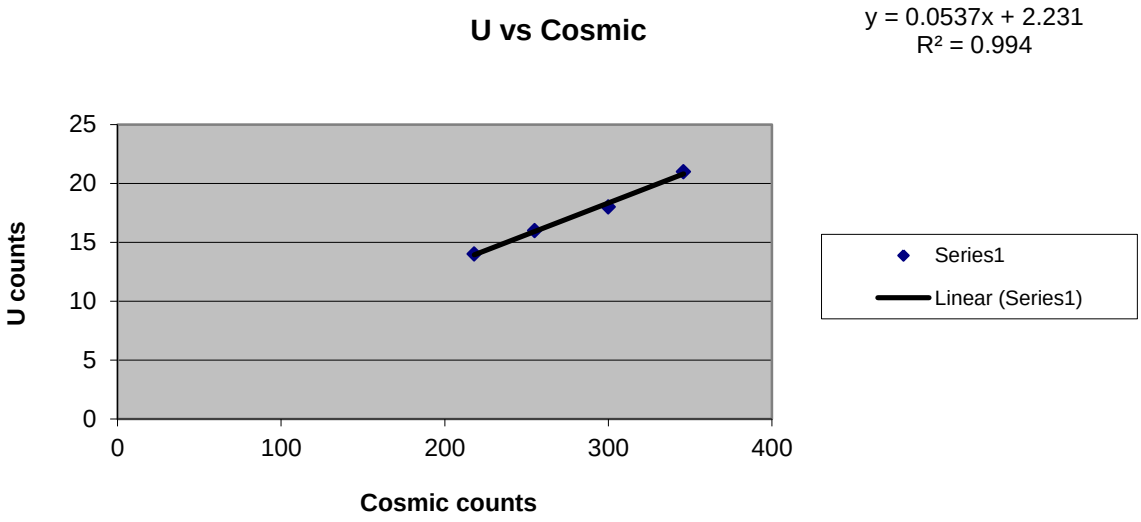
Andrei Yakovenko
New-Sense Geophysics Ltd.
Date: October 27th, 2011

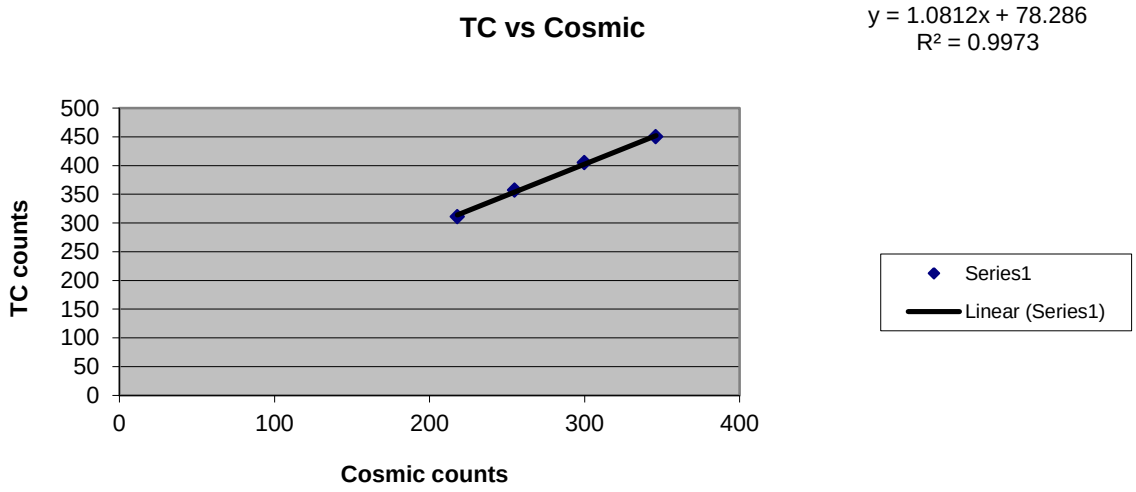
APPENDIX A: BACKGROUND, COSMIC AND ALTITUDE ATTENUATION TEST CHARTS

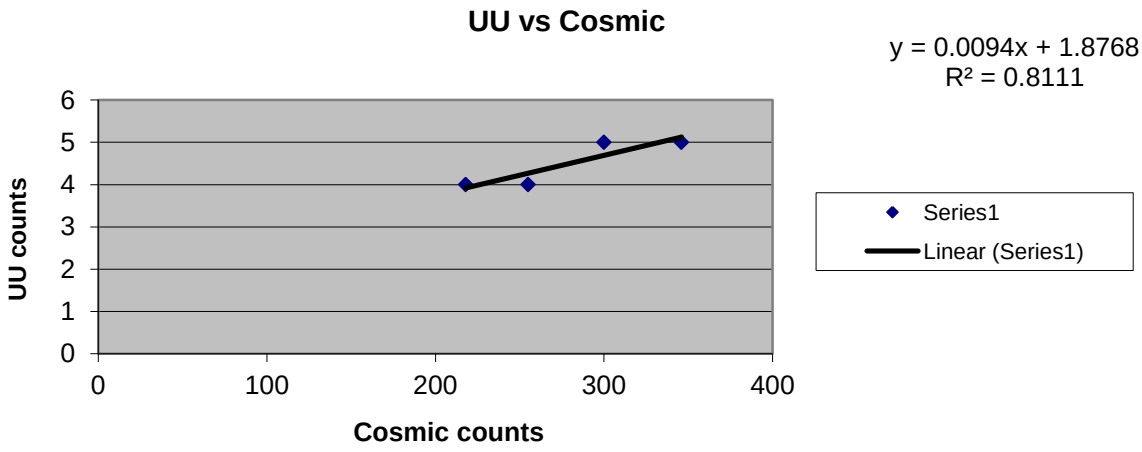
Background & Cosmic



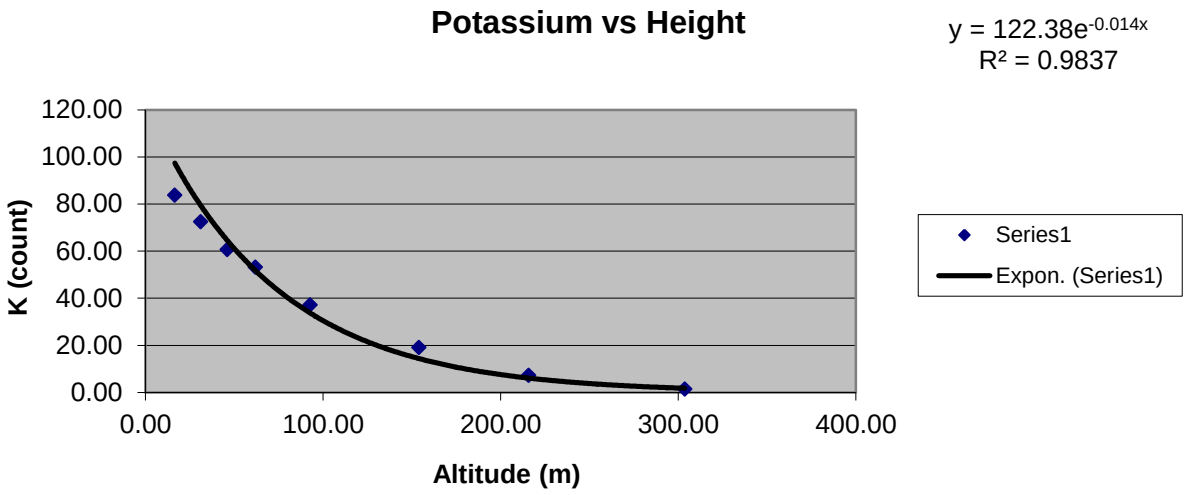


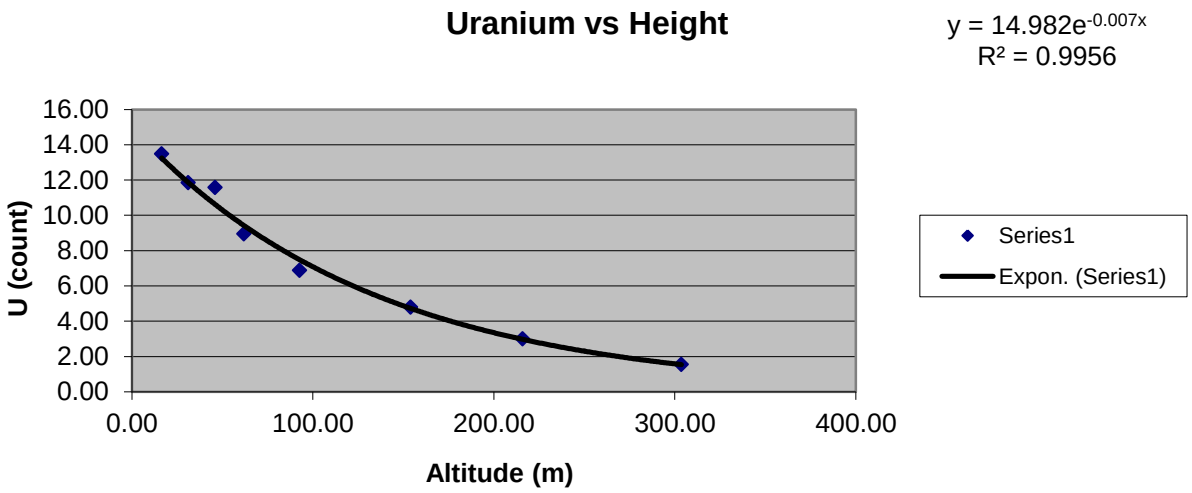

U vs Cosmic
y = 0.0537x + 2.231
R² = 0.994
U counts
Cosmic counts
Series1
Linear (Series1)

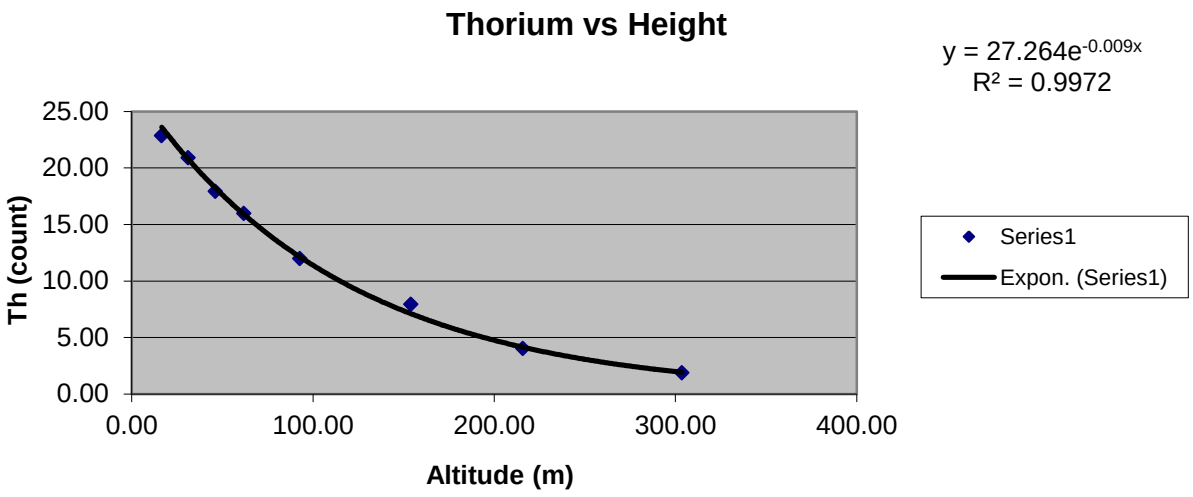

TC vs Cosmic
y = 1.0812x + 78.286
R² = 0.9973
TC counts
Cosmic counts
Series1
Linear (Series1)

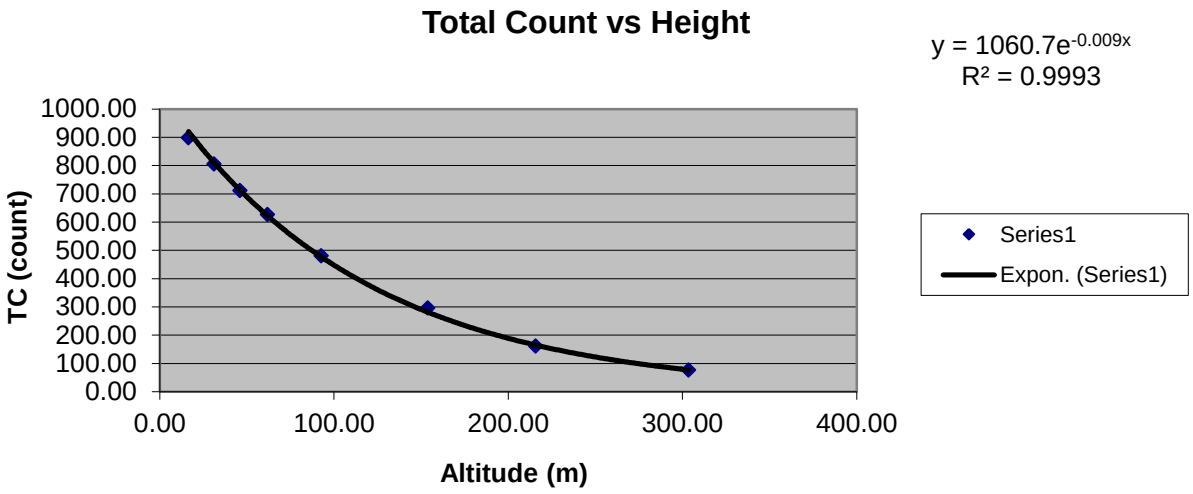

UU vs Cosmic
y = 0.0094x + 1.8768
R² = 0.8111
UU counts
Cosmic counts
Series1
Linear (Series1)

Altitude Attenuation Test



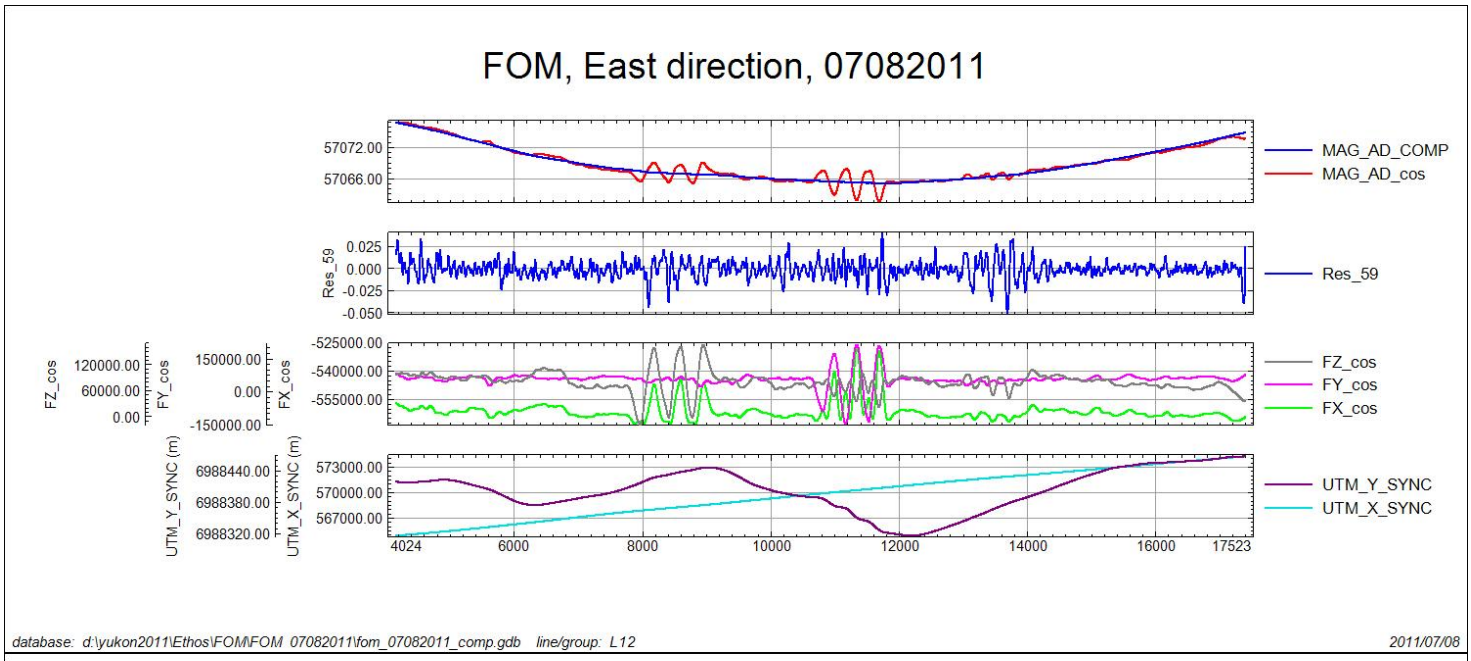


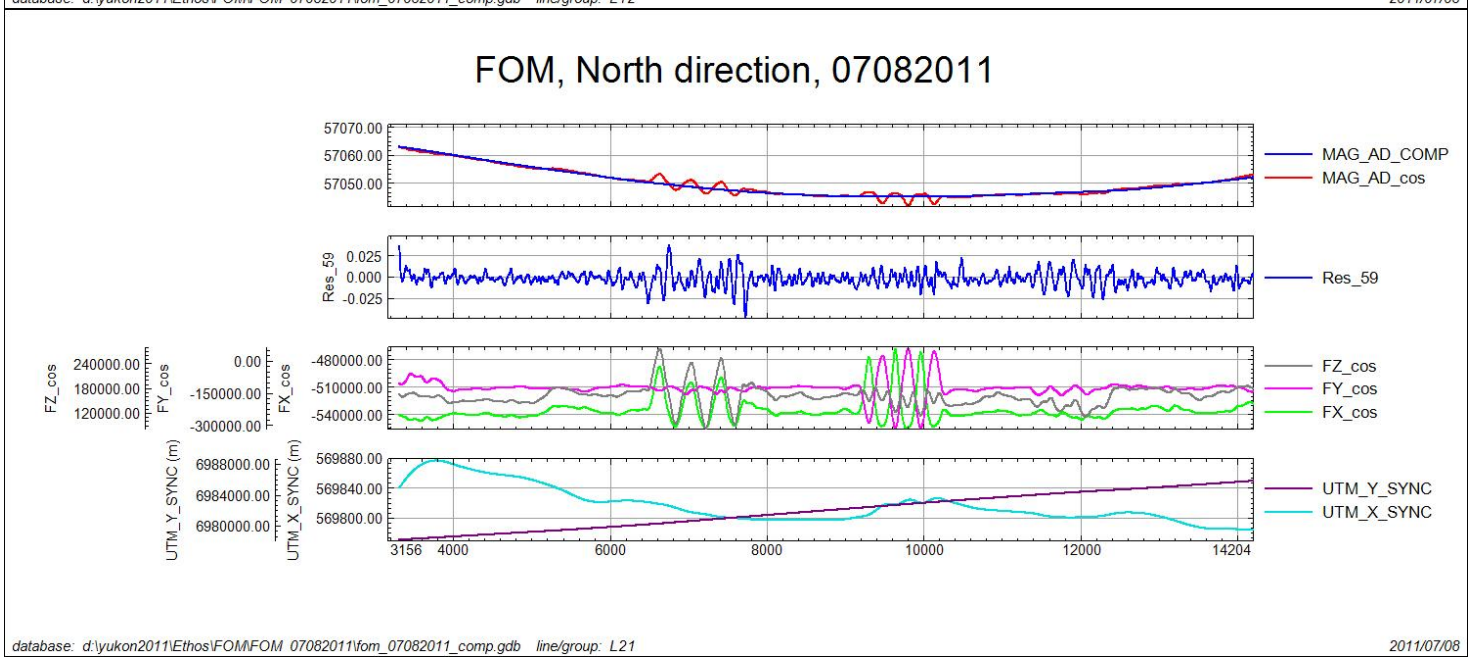

Thorium vs Height
y = 27.264e-0.009x
R² = 0.9972
Th (count)
25.00
20.00
15.00
10.00
5.00
0.00
0.00
100.00
200.00
300.00
400.00
Altitude (m)
Series1
Expon. (Series1)

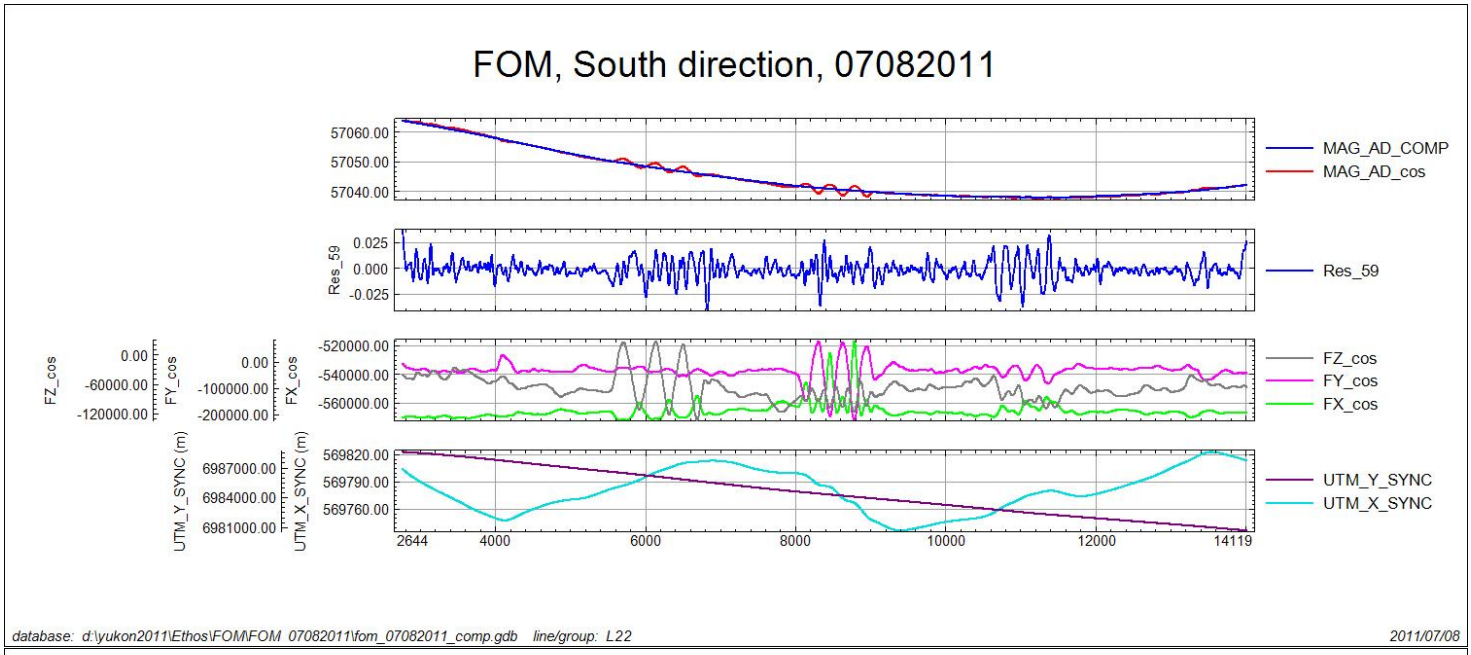

Total Count vs Height
y = 1060.7e-0.009x
R² = 0.9993
TC (count)
1000.00
900.00
800.00
700.00
600.00
500.00
400.00
300.00
200.00
100.00
0.00
0.00
100.00
200.00
300.00
400.00
Altitude (m)
Series1
Expon. (Series1)

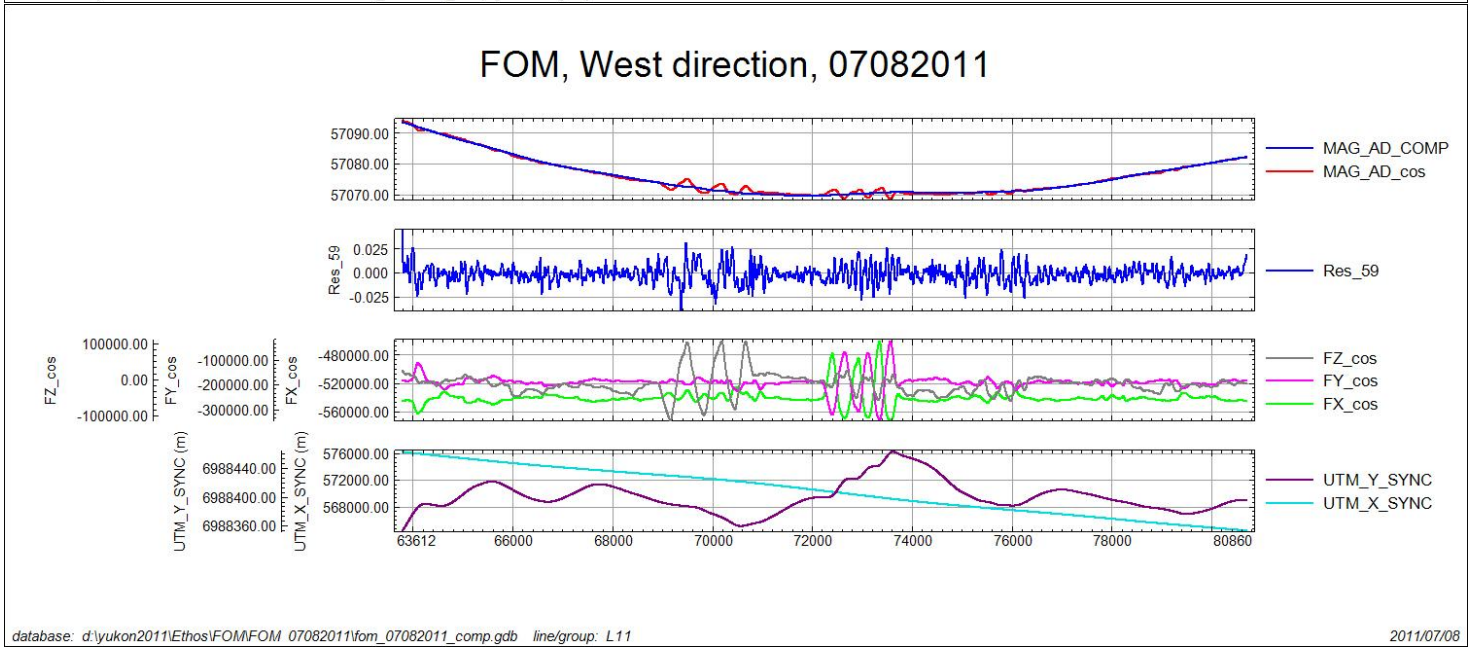
APPENDIX B: FOM RESULTS

FOM 07082011				
direction	**pitch**	**roll**	**yaw**	**total**
270	0.06	0.05	0.05	0.16
90	0.06	0.06	0.08	0.20
0	0.08	0.04	0.05	0.16
180	0.06	0.06	0.06	0.18
total	0.25	0.21	0.24	**0.70**

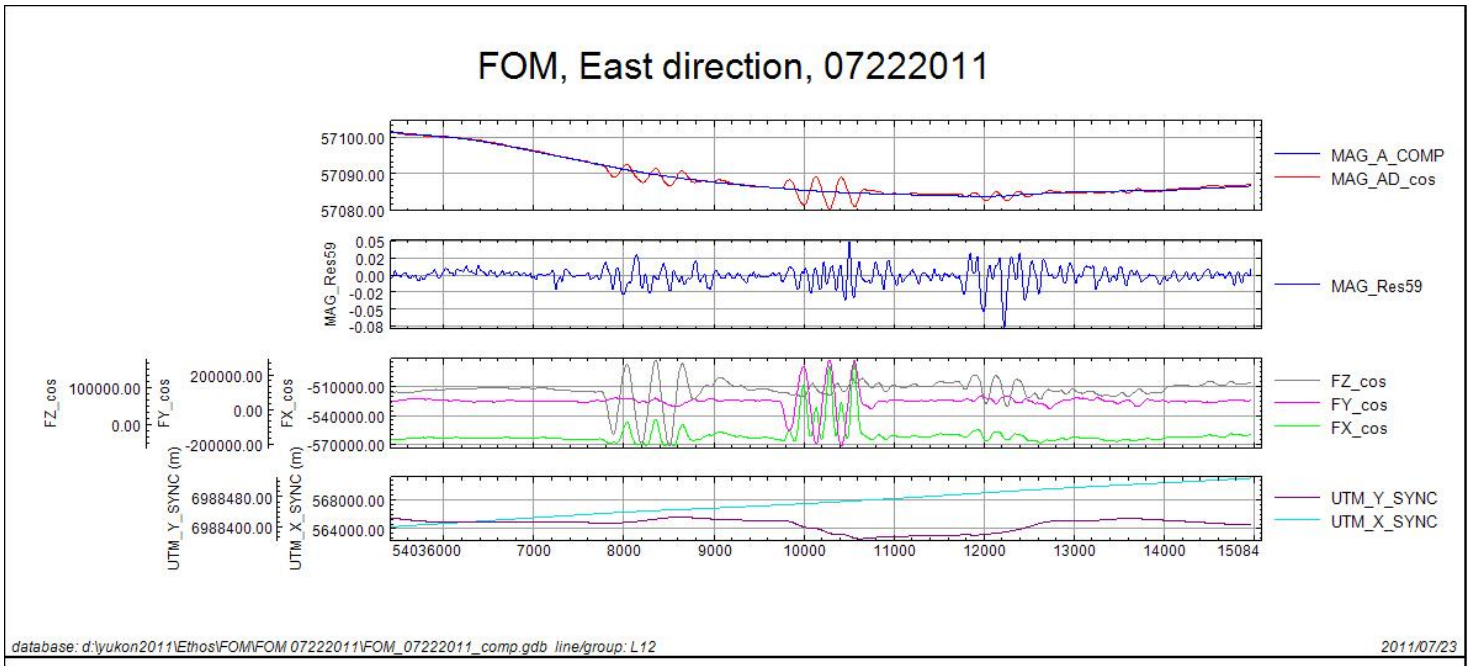


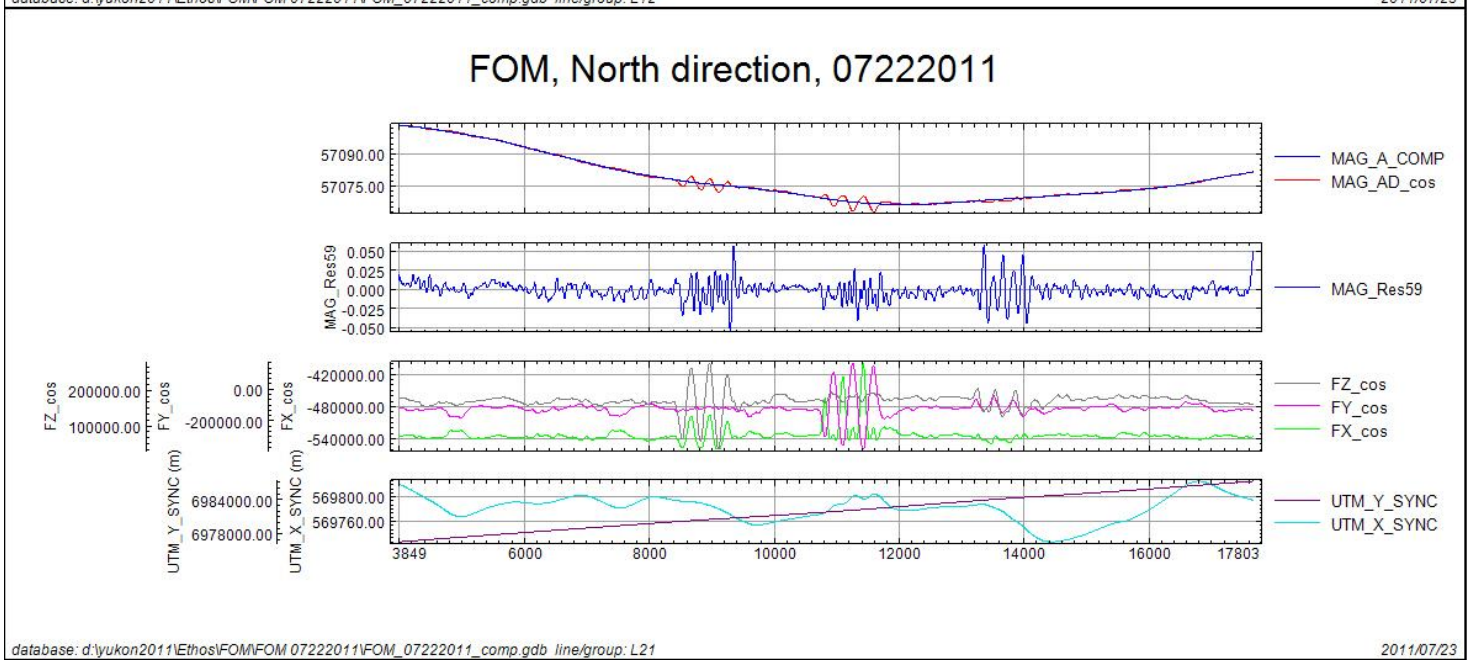


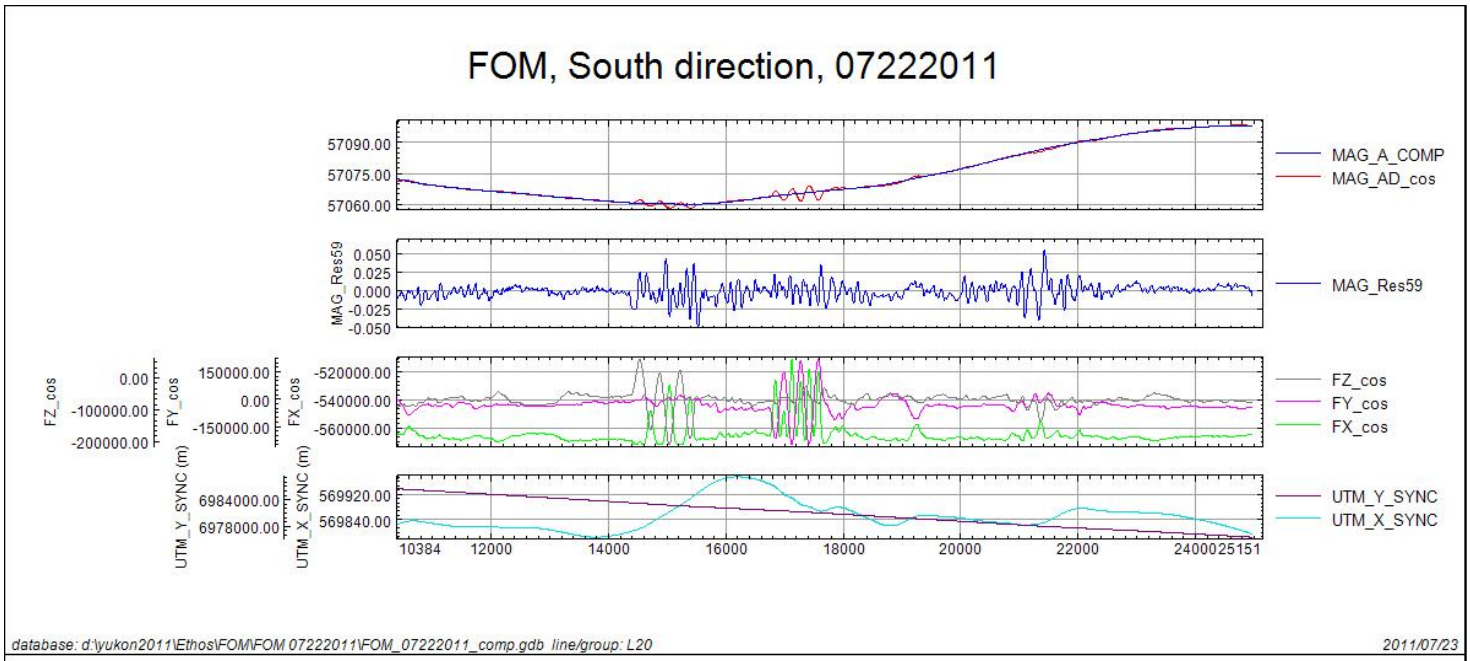

FOM, South direction, 07082011
57060.00
57050.00
57040.00
MAG_AD_COMP
MAG_AD_cos
Res_59
0.025
0.000
-0.025
Res_59
FZ_cos
0.00
-60000.00
-120000.00
FY_cos
0.00
-100000.00
-200000.00
FX_cos
-520000.00
-540000.00
-560000.00
FZ_cos
FY_cos
FX_cos
UTM_Y_SYNC (m)
6987000.00
6984000.00
6981000.00
UTM_X_SYNC (m)
569820.00
569790.00
569760.00
UTM_Y_SYNC
UTM_X_SYNC
2644
4000
6000
8000
10000
12000
14119
database: d:\yukon2011\Ethos\FOM\FOM_07082011\fom_07082011_comp.gdb line/group: L22
2011/07/08

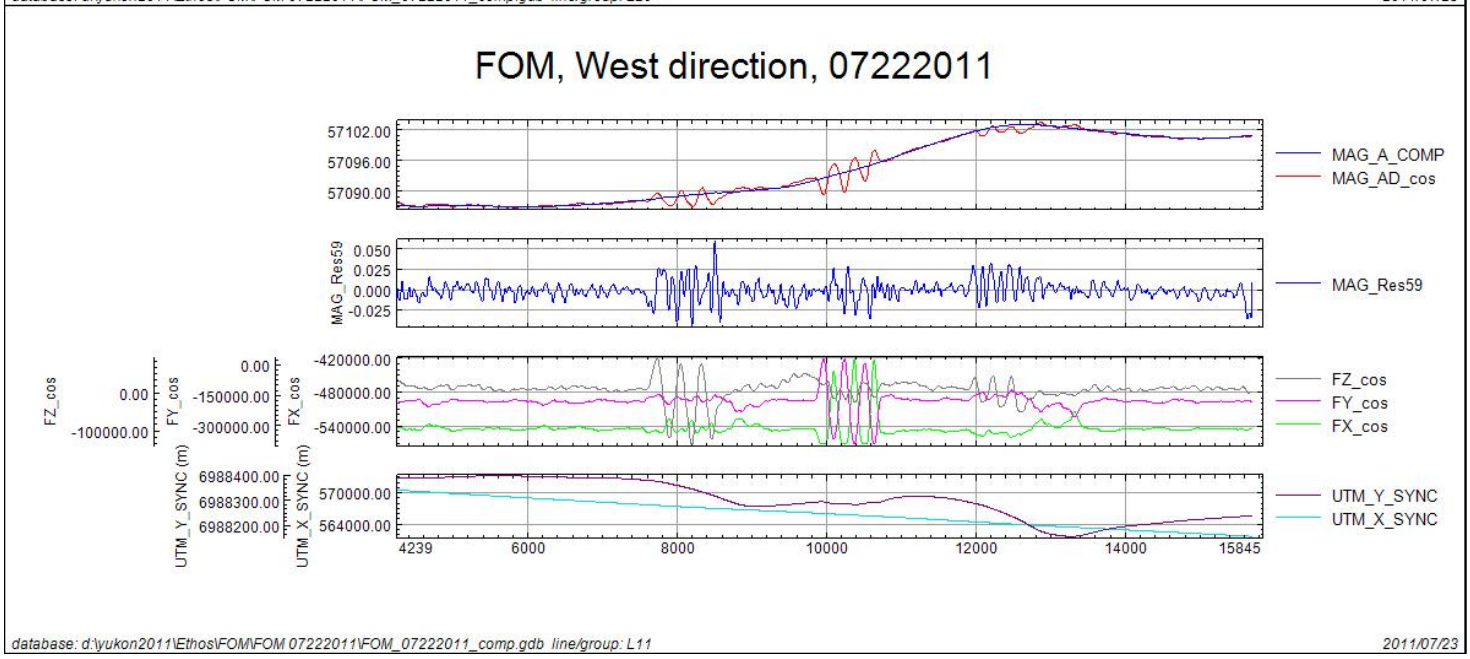

FOM, West direction, 07082011
57090.00
57080.00
57070.00
MAG_AD_COMP
MAG_AD_cos
Res_59
0.025
0.000
-0.025
Res_59
FZ_cos
100000.00
0.00
-100000.00
FY_cos
-100000.00
-200000.00
-300000.00
FX_cos
-480000.00
-520000.00
-560000.00
FZ_cos
FY_cos
FX_cos
UTM_Y_SYNC (m)
6988440.00
6988400.00
6988360.00
UTM_X_SYNC (m)
576000.00
572000.00
568000.00
UTM_Y_SYNC
UTM_X_SYNC
63612
66000
68000
70000
72000
74000
76000
78000
80860
database: d:\yukon2011\Ethos\FOM\FOM_07082011\fom_07082011_comp.gdb line/group: L11
2011/07/08

FOM 07222011				
direction	**pitch**	**roll**	**yaw**	**total**
270	0.10	0.06	0.05	0.21
90	0.06	0.08	0.10	0.24
180	0.09	0.06	0.10	0.25
0	0.11	0.06	0.10	0.27
total	0.36	0.27	0.35	**0.97**






FOM, South direction, 07222011
57090.00
57075.00
57060.00
MAG_A_COMP
MAG_AD_cos
MAG_Res59
0.050
0.025
0.000
-0.025
-0.050
MAG_Res59
FZ_cos
FY_cos
FX_cos
0.00
-100000.00
-200000.00
150000.00
0.00
-150000.00
-520000.00
-540000.00
-560000.00
FZ_cos
FY_cos
FX_cos
UTM_Y_SYNC (m)
UTM_X_SYNC (m)
6984000.00
6978000.00
569920.00
569840.00
UTM_Y_SYNC
UTM_X_SYNC
10384
12000
14000
16000
18000
20000
22000
24000
25151
database: d:\yukon2011\Ethos\FOM\FOM 07222011\FOM_07222011_comp.gdb line/group: L20
2011/07/23


FOM, West direction, 07222011
57102.00
57096.00
57090.00
MAG_A_COMP
MAG_AD_cos
MAG_Res59
0.050
0.025
0.000
-0.025
MAG_Res59
FZ_cos
FY_cos
FX_cos
0.00
-100000.00
0.00
-150000.00
-300000.00
-420000.00
-480000.00
-540000.00
FZ_cos
FY_cos
FX_cos
UTM_Y_SYNC (m)
UTM_X_SYNC (m)
6988400.00
6988300.00
6988200.00
570000.00
564000.00
UTM_Y_SYNC
UTM_X_SYNC
4239
6000
8000
10000
12000
14000
15845
database: d:\yukon2011\Ethos\FOM\FOM 07222011\FOM_07222011_comp.gdb line/group: L11
2011/07/23

APPENDIX C: DATABASE DESCRIPTIONS

Magnetic Databases for BBH, Hen, and Wolf blocks

Database Name: *Block Name*_Magnetic_Data.gdb
Format: Geosoft .gdb
Number of Channels: 28 (BBH); 27 (Hen, Wolf)

Note: If the database is opened in Oasis montaj, please load included "*Magnetic data Geosoft channel display.dbview*" file to insure that ALL the channels are displayed in the same order as listed below (Database menu -> Get Saved View).

Channel Name	Units	Description
LINE	number	Line number
DATE	date	Date flown (YYMMDD)
FLIGHT	number	Flight number
FIDUCIAL	number	Fiducial count (flight specific)
SYSTEM_CLOCK	milsec	KANA8 (A/D converter) counter
WGS84_X	meters	WGS84, World, UTM Zone 7N
WGS84_Y	meters	WGS84, World, UTM Zone 7N
LATITUDE_WGS84	degrees	GPS latitude, WGS 84, World
LONGITUDE_WGS84	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT_WGS84	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	decimal seconds	UTC daily second counter (0-86399)
FLUX_X	volts	Fluxgate x-axis
FLUX_Y	volts	Fluxgate y-axis
FLUX_Z	volts	Fluxgate z-axis
RAD_ALT_feet	ft	Radar altimeter, height above ground
MAG_RAW	nT	Raw magnetometer data
MAG_FILT	nT	Filtered raw magnetometer data
MAG_COMP	nT	Compensated magnetometer data
DIURNAL	nT	Base station magnetometer data
MAG_DIURNAL_CORR	nT	Base station (diurnal) corrected magnetometer data
MAG_HEADING_CORR	nT	Heading corrected magnetometer data
MAG_LAG_CORR	nT	Lag corrected magnetometer data
IGRF	nT	Calculated IGRF, using 2010 model
MAG_IGRF_CORR	nT	IGRF corrected magnetometer data
MAG_SMPL_LVL	nT	Conventionally (simple) leveled magnetometer data
TMI_FINAL	nT	Microleveled MAG_SMPL_LVL data
TMI_decor	nT	Fully decorrugated MAG_SMPL_LVL data (BBH block only)
VDV	nT/m	1st order Vertical Derivative (VDV)

Radiometric Databases for BBH, Hen, and Wolf blocks

Database Name: *Block Name*_Radiometric_Data.gdb
Format: Geosoft .gdb
Number of Channels: 35

Note: If the database is opened in Oasis montaj, please load included "*Radiometric data Geosoft channel display.dbview*" file to insure that ALL the channels are displayed in the same order as listed below (Database menu -> Get Saved View).

Channel Name	Units	Description
LINE	number	Line Number
FLIGHT	number	Flight Number
DATE	date	Date flown (YYMMDD)
FIDUCIAL	number	Fiducial count (line specific)
WGS84_X	meters	WGS84, World, UTM Zone 7N
WGS84_Y	meters	WGS84, World, UTM Zone 7N
LATITUDE_WGS84	degrees	GPS latitude, WGS 84, World
LONGITUDE_WGS84	degrees	GPS longitude, WGS 84, World
GPS_HEIGHT_WGS84	meters	GPS height (orthometric) above MSL, WGS 84, World
UTC_DAYSEC	seconds	UTC daily second counter (0-86399)
RAD_ALT_feet	feet	Radar altimeter, height above ground
EQUIVALENT_HEIGHT_m	m	Equivalent height above ground at STP
PRESSURE	mbar	Ambient pressure output
TEMPERATURE	degrees C	Ambient temperature output
DOWN_LIVE_TIME	seconds	Live time channel
RAW_Potassium	counts/sec	Raw Potassium channel
RAW_Thorium	counts/sec	Raw Thorium channel
RAW_Uranium	counts/sec	Raw Uranium channel
RAW_TotCount	counts/sec	Raw Total Count channel
RAW_UpDet	counts/sec	Raw upward looking crystal Uranium channel
DOWN_COSMIC	counts/sec	Raw Cosmic channel from downward looking crystals
DOWN_SPECTRUM	counts/sec	1024 channel down spectrum
UP_SPECTRUM	counts/sec	1024 channel up spectrum
K_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Potassium counts
Th_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Thorium counts
U_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Uranium counts
TC_CORR	counts/sec	Live Time, Background, Cosmic, Compton Scattering and Altitude Attenuation corrected Total Count counts
K_FINAL	counts/sec	Final Potassium counts; microleveled K_CORR

Th_FINAL	counts/sec	Final Thorium counts; microleveled Th_CORR
U_FINAL	counts/sec	Final Uranium counts; microleveled U_CORR
TC_FINAL	counts/sec	Final Total Count counts; microleveled TC_CORR
K_Percent	%	Estimated concentrations of Potassium
eTh	ppm	Estimated equivalent concentrations of Thorium
eU	ppm	Estimated equivalent concentrations of Uranium
E	nGy/h	Natural air absorption Dose Rate

APPENDIX D: RSX-5 SPECTROMETER (SN 5516): DAILY RESOLUTION TESTS RESULTS

Executed 2011-07-08 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2002	2004	2008	2002	8016
LiveTime [s]	293.855	343.842	345.868	319.834	869.706	1303.399
Gain	1.005957	1.027845	1.020081	0.989293	1.120768	-
Peak	871.89 (+/- 0.508)	871.90 (+/- 0.557)	870.66 (+/- 0.593)	870.94 (+/- 0.711)	870.55 (+/- 1.165)	871.61 (+/- 0.321)
FWHM	4.51 (+/- 1.290)	4.69 (+/- 1.448)	4.72 (+/- 1.526)	5.35 (+/- 1.948)	5.68 (+/- 3.377)	4.66 (+/- 0.818)

Executed 2011-07-09 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2004	2003	2004	2004	2004	8015
LiveTime [s]	288.854	319.848	338.873	315.835	920.69	1263.41
Gain	0.965127	0.982784	0.969291	0.940595	1.075073	-
Peak	868.95 (+/- 0.711)	870.85 (+/- 0.564)	870.58 (+/- 0.637)	868.75 (+/- 0.633)	869.94 (+/- 1.584)	870.11 (+/- 0.361)
FWHM	4.95 (+/- 1.964)	4.20 (+/- 1.480)	4.62 (+/- 1.786)	4.98 (+/- 1.819)	6.35 (+/- 5.696)	4.52 (+/- 0.975)

Executed 2011-07-09 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2003	2002	2003	2002	8010
LiveTime [s]	305.832	340.822	355.852	313.831	911.677	1316.337
Gain	1.003981	1.023372	1.009326	0.984109	1.123193	-
Peak	873.35 (+/- 0.751)	870.26 (+/- 0.663)	869.81 (+/- 0.554)	870.49 (+/- 0.557)	872.73 (+/- 1.652)	871.10 (+/- 0.339)
FWHM	4.63 (+/- 1.930)	4.44 (+/- 1.804)	4.53 (+/- 1.518)	5.21 (+/- 1.466)	6.51 (+/- 5.400)	4.59 (+/- 0.899)

Executed 2011-07-09 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2001	2006	2003	2003	8011
LiveTime [s]	296.846	335.837	342.865	320.838	894.713	1296.386
Gain	1.007211	1.025139	1.016897	0.988023	1.125492	-
Peak	870.37 (+/- 0.585)	872.88 (+/- 0.583)	869.31 (+/- 0.552)	870.86 (+/- 0.669)	869.84 (+/- 1.119)	870.92 (+/- 0.274)

FWHM	4.73 (+/- 1.519)	4.60 (+/- 1.516)	4.59 (+/- 1.444)	5.23 (+/- 1.648)	6.05 (+/- 3.678)	4.69 (+/- 0.715)

Executed 2011-07-09 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2009	2004	2003	2006	2001	8022
LiveTime [s]	297.86	326.846	341.882	306.848	878.718	1273.435
Gain	0.993934	1.008731	1.005882	0.975553	1.118298	-
Peak	871.09 (+/- 0.581)	871.20 (+/- 0.538)	869.30 (+/- 0.573)	872.26 (+/- 0.797)	871.06 (+/- 1.528)	871.02 (+/- 0.268)
FWHM	4.47 (+/- 1.484)	4.49 (+/- 1.396)	4.77 (+/- 1.525)	5.57 (+/- 2.179)	6.72 (+/- 5.199)	4.72 (+/- 0.690)

Executed 2011-07-10 RSI System Test Report RSX-5 SN5516_1_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2004	2005	2007	2007	2001	8023
LiveTime [s]	290.856	346.822	343.866	307.836	842.707	1289.38
Gain	0.986635	1.004481	0.988121	0.965388	1.108594	-
Peak	872.85 (+/- 0.728)	871.68 (+/- 0.588)	870.45 (+/- 0.545)	870.80 (+/- 0.617)	869.21 (+/- 1.373)	871.59 (+/- 0.342)
FWHM	5.42 (+/- 2.047)	4.19 (+/- 1.580)	4.37 (+/- 1.490)	5.06 (+/- 1.621)	6.62 (+/- 4.139)	4.59 (+/- 0.912)

Executed 2011-07-10 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2001	2003	2001	2001	8010
LiveTime [s]	294.835	324.839	335.87	309.829	848.696	1265.373
Gain	1.006538	1.024236	1.019202	0.987569	1.14286	-
Peak	871.66 (+/- 0.549)	871.57 (+/- 0.568)	869.33 (+/- 0.749)	871.56 (+/- 0.608)	867.55 (+/- 1.471)	871.11 (+/- 0.298)
FWHM	4.51 (+/- 1.383)	4.38 (+/- 1.502)	4.21 (+/- 2.198)	4.74 (+/- 1.639)	6.96 (+/- 4.369)	4.36 (+/- 0.769)

Executed 2011-07-11 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2004	2007	2005	2003	2002	8019
LiveTime [s]	294.838	344.83	338.856	309.83	883.667	1288.354
Gain	0.96226	0.979088	0.96696	0.939516	1.093128	-

Peak	870.01 (+/- 0.665)	870.74 (+/- 0.496)	869.83 (+/- 0.627)	870.71 (+/- 0.767)	868.06 (+/- 1.469)	870.51 (+/- 0.290)
FWHM	4.64 (+/- 1.808)	4.54 (+/- 1.342)	4.58 (+/- 1.593)	4.92 (+/- 2.086)	6.73 (+/- 4.987)	4.56 (+/- 0.737)

Executed 2011-07-11 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2004	2005	2001	2007	2001	8017
LiveTime [s]	279.84	328.821	341.86	310.817	857.646	1261.338
Gain	1.004249	1.021573	1.013704	0.983699	1.138458	-
Peak	872.87 (+/- 0.740)	870.60 (+/- 0.686)	870.03 (+/- 0.549)	870.78 (+/- 0.721)	871.63 (+/- 1.166)	871.19 (+/- 0.311)
FWHM	4.43 (+/- 2.076)	4.62 (+/- 1.852)	4.41 (+/- 1.468)	5.40 (+/- 2.037)	5.52 (+/- 4.048)	4.62 (+/- 0.799)

Executed 2011-07-11 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2006	2004	2003	2002	8015
LiveTime [s]	294.856	323.84	334.873	311.841	868.708	1265.41
Gain	1.00244	1.020521	1.014929	0.983112	1.14356	-
Peak	870.58 (+/- 0.676)	871.51 (+/- 0.577)	871.27 (+/- 0.580)	872.01 (+/- 0.604)	877.54 (+/- 1.694)	871.70 (+/- 0.310)
FWHM	4.51 (+/- 1.877)	4.43 (+/- 1.511)	4.72 (+/- 1.595)	5.14 (+/- 1.698)	6.29 (+/- 6.495)	4.61 (+/- 0.835)

Executed 2011-07-22 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2002	2004	2005	2002	8012
LiveTime [s]	288.835	322.82	328.852	287.829	760.682	1228.335
Gain	0.974561	0.999103	0.985881	0.949944	1.178982	-
Peak	870.01 (+/- 0.691)	871.27 (+/- 0.521)	872.07 (+/- 0.474)	870.85 (+/- 0.589)	886.51 (+/- 1.794)	871.06 (+/- 0.303)
FWHM	5.52 (+/- 1.921)	4.41 (+/- 1.360)	4.74 (+/- 1.260)	5.33 (+/- 1.532)	4.37 (+/- 6.731)	4.84 (+/- 0.816)

Executed 2011-07-22 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2008	2006	2003	2004	2004	8021
LiveTime	286.838	309.835	323.86	301.833	851.687	1222.365

[s]						
Gain	0.997556	1.019198	1.016834	0.975986	1.130951	-
Peak	871.94 (+/- 0.665)	872.92 (+/- 0.595)	870.49 (+/- 0.592)	870.90 (+/- 0.570)	870.33 (+/- 1.285)	871.55 (+/- 0.303)
FWHM	5.07 (+/- 1.751)	4.48 (+/- 1.576)	4.62 (+/- 1.565)	5.05 (+/- 1.468)	6.40 (+/- 3.903)	4.66 (+/- 0.800)

Executed 2011-07-22 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2011	2004	2001	2003	8017
LiveTime [s]	278.843	325.838	323.864	317.828	911.667	1246.372
Gain	0.998993	1.01842	1.019103	0.976643	1.130417	-
Peak	872.38 (+/- 0.544)	872.35 (+/- 0.690)	871.30 (+/- 0.599)	869.00 (+/- 0.643)	871.36 (+/- 1.381)	871.45 (+/- 0.267)
FWHM	4.62 (+/- 1.452)	4.62 (+/- 1.942)	4.64 (+/- 1.562)	5.28 (+/- 1.774)	5.58 (+/- 4.291)	4.63 (+/- 0.690)

Executed 2011-07-22 RSI System Test Report RSX-5 SN5516_bfore_hv_change.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2002	2007	2003	2002	8017
LiveTime [s]	290.855	312.846	321.874	303.845	865.692	1229.42
Gain	0.989691	1.011621	1.000971	0.966365	1.196809	-
Peak	871.27 (+/- 0.635)	870.99 (+/- 0.555)	870.46 (+/- 0.539)	869.28 (+/- 0.610)	869.66 (+/- 1.165)	870.59 (+/- 0.297)
FWHM	4.56 (+/- 1.631)	4.35 (+/- 1.455)	4.64 (+/- 1.388)	5.09 (+/- 1.607)	5.99 (+/- 3.449)	4.55 (+/- 0.757)

Executed 2011-07-22 RSI System Test Report RSX-5 SN5516_hv-change_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2006	2005	2005	2001	8019
LiveTime [s]	289.842	321.846	323.874	285.846	868.692	1221.407
Gain	0.997139	1.017452	1.008252	0.974123	1.122986	-
Peak	870.97 (+/- 0.610)	872.10 (+/- 0.480)	870.03 (+/- 0.606)	868.09 (+/- 0.653)	871.58 (+/- 1.369)	870.45 (+/- 0.261)
FWHM	4.37 (+/- 1.526)	4.50 (+/- 1.212)	4.39 (+/- 1.616)	5.01 (+/- 1.799)	6.24 (+/- 4.101)	4.51 (+/- 0.679)

Executed 2011-07-22 RSI System Test Report RSX-5 SN5516_hv-change_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done

Counts	2006	2007	2004	2006	2001	8023
LiveTime [s]	294.845	330.839	335.866	303.837	901.685	1265.386
Gain	1.001384	1.021018	1.011785	0.976316	1.127187	-
Peak	871.22 (+/- 0.577)	871.43 (+/- 0.647)	870.16 (+/- 0.548)	869.95 (+/- 0.566)	872.47 (+/- 1.110)	870.77 (+/- 0.323)
FWHM	4.74 (+/- 1.486)	4.34 (+/- 1.626)	4.51 (+/- 1.509)	5.10 (+/- 1.491)	6.17 (+/- 3.284)	4.58 (+/- 0.824)

Executed 2011-07-23 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2006	2006	2006	2005	2001	8023
LiveTime [s]	278.84	319.83	323.866	314.816	845.674	1237.352
Gain	1.000664	1.018027	1.014188	0.976159	1.130836	-
Peak	872.61 (+/- 0.543)	871.94 (+/- 0.487)	870.42 (+/- 0.635)	871.20 (+/- 0.756)	864.34 (+/- 1.577)	871.63 (+/- 0.276)
FWHM	4.66 (+/- 1.403)	4.27 (+/- 1.276)	4.72 (+/- 1.758)	4.93 (+/- 2.153)	5.48 (+/- 5.150)	4.59 (+/- 0.716)

Executed 2011-07-23 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2010	2006	2001	2008	2002	8025
LiveTime [s]	281.847	312.841	326.871	289.849	866.701	1211.408
Gain	1.002403	1.018014	1.019248	0.979054	1.138479	-
Peak	872.81 (+/- 0.577)	871.85 (+/- 0.544)	869.94 (+/- 0.625)	871.46 (+/- 0.596)	874.78 (+/- 1.196)	871.58 (+/- 0.320)
FWHM	4.85 (+/- 1.497)	4.51 (+/- 1.479)	4.55 (+/- 1.669)	5.37 (+/- 1.583)	5.80 (+/- 4.028)	4.76 (+/- 0.841)

Executed 2011-07-23 RSI System Test Report RSX-5 SN5516_5.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2012	2008	2003	2004	2001	8027
LiveTime [s]	279.852	317.837	330.865	306.834	890.697	1235.388
Gain	0.999365	1.019266	1.020506	0.97606	1.13871	-
Peak	871.96 (+/- 0.609)	870.88 (+/- 0.533)	871.65 (+/- 0.720)	871.13 (+/- 0.705)	871.20 (+/- 1.442)	871.44 (+/- 0.351)
FWHM	4.46 (+/- 1.636)	4.05 (+/- 1.384)	4.66 (+/- 2.002)	5.03 (+/- 1.963)	6.43 (+/- 4.302)	4.44 (+/- 0.921)

Executed 2011-07-23 RSI System Test Report RSX-5 SN5516_7.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2009	2001	2005	2002	2003	8017
LiveTime [s]	313.851	342.834	350.863	304.84	744.733	1312.389
Gain	0.993825	1.015923	1.018179	0.971854	1.133551	-
Peak	871.73 (+/- 0.663)	871.44 (+/- 0.661)	870.61 (+/- 0.666)	871.66 (+/- 0.868)	873.13 (+/- 1.098)	871.57 (+/- 0.419)
FWHM	4.51 (+/- 1.782)	4.62 (+/- 1.721)	4.41 (+/- 1.750)	5.43 (+/- 2.388)	7.10 (+/- 3.301)	4.58 (+/- 1.118)

Executed 2011-07-24 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2002	2001	2002	2003	8007
LiveTime [s]	286.821	315.827	324.854	294.822	880.622	1222.325
Gain	0.958439	0.975592	0.970669	0.933628	1.095805	-
Peak	871.89 (+/- 0.689)	871.10 (+/- 0.667)	870.47 (+/- 0.638)	871.64 (+/- 0.576)	869.90 (+/- 1.205)	871.29 (+/- 0.305)
FWHM	4.67 (+/- 1.768)	4.43 (+/- 1.845)	4.54 (+/- 1.763)	4.99 (+/- 1.511)	4.57 (+/- 3.900)	4.52 (+/- 0.796)

Executed 2011-07-24 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2009	2003	2003	2005	2001	8020
LiveTime [s]	293.816	309.829	313.868	297.826	876.635	1215.339
Gain	0.993787	1.011827	1.005978	0.96997	1.134415	-
Peak	872.02 (+/- 0.677)	871.02 (+/- 0.634)	869.11 (+/- 0.590)	867.84 (+/- 0.796)	869.94 (+/- 1.692)	870.16 (+/- 0.333)
FWHM	4.92 (+/- 1.739)	4.57 (+/- 1.621)	4.20 (+/- 1.547)	5.06 (+/- 2.312)	7.19 (+/- 5.454)	4.59 (+/- 0.845)

Executed 2011-07-25 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2006	2003	2005	2002	2001	8016
LiveTime [s]	308.845	330.841	351.866	313.834	939.681	1305.386
Gain	0.973682	0.995498	0.985348	0.947443	1.122622	-
Peak	871.26 (+/- 0.635)	871.52 (+/- 0.570)	869.44 (+/- 0.538)	869.67 (+/- 0.733)	869.97 (+/- 1.308)	870.54 (+/- 0.300)
FWHM	4.79 (+/- 1.724)	4.40 (+/- 1.528)	4.20 (+/- 1.411)	5.66 (+/- 2.037)	7.26 (+/- 3.968)	4.54 (+/- 0.782)

Executed 2011-07-25 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2004	2003	2001	2002	8011
LiveTime [s]	276.854	327.835	337.866	301.843	915.699	1244.399
Gain	1.004547	1.025271	1.016858	0.980646	1.155425	-
Peak	872.19 (+/- 0.511)	872.50 (+/- 0.602)	870.45 (+/- 0.706)	871.24 (+/- 0.624)	868.84 (+/- 1.591)	871.73 (+/- 0.325)
FWHM	4.56 (+/- 1.254)	4.42 (+/- 1.638)	4.95 (+/- 1.905)	5.14 (+/- 1.639)	5.98 (+/- 5.597)	4.63 (+/- 0.831)

Executed 2011-07-26 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2006	2001	2002	2001	2004	8010
LiveTime [s]	286.847	343.829	338.865	320.828	901.693	1290.369
Gain	1.011235	1.033321	1.021587	0.98733	1.167189	-
Peak	871.21 (+/- 0.618)	870.54 (+/- 0.666)	870.56 (+/- 0.541)	871.07 (+/- 0.730)	870.48 (+/- 1.262)	870.96 (+/- 0.344)
FWHM	4.60 (+/- 1.683)	4.68 (+/- 1.769)	4.51 (+/- 1.413)	5.30 (+/- 2.028)	6.22 (+/- 3.995)	4.65 (+/- 0.898)

Executed 2011-07-26 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2007	2002	2005	2002	2002	8016
LiveTime [s]	296.847	330.833	341.867	312.832	897.691	1282.379
Gain	1.012946	1.032999	1.02356	0.988164	1.166284	-
Peak	871.56 (+/- 0.630)	871.55 (+/- 0.639)	870.37 (+/- 0.594)	870.26 (+/- 0.708)	870.84 (+/- 1.393)	871.21 (+/- 0.342)
FWHM	4.95 (+/- 1.691)	4.63 (+/- 1.724)	4.36 (+/- 1.575)	5.70 (+/- 1.850)	7.17 (+/- 4.128)	4.79 (+/- 0.901)

Executed 2011-07-26 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2009	2001	2006	2003	8021
LiveTime [s]	281.856	319.844	337.869	301.843	912.689	1241.412
Gain	1.009765	1.030329	1.023171	0.985724	1.170467	-
Peak	871.67 (+/- 0.539)	872.66 (+/- 0.590)	869.93 (+/- 0.544)	869.75 (+/- 0.598)	869.58 (+/- 1.162)	871.24 (+/- 0.251)
FWHM	4.65 (+/- 1.386)	4.32 (+/- 1.514)	4.50 (+/- 1.399)	5.45 (+/- 1.557)	6.11 (+/- 3.804)	4.61 (+/- 0.648)

Executed 2011-07-27 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2001	2004	2004	2002	8010
LiveTime [s]	292.83	321.825	343.85	312.817	890.647	1271.322
Gain	1.016281	1.040674	1.028165	0.993653	1.18028	-
Peak	871.40 (+/- 0.648)	872.00 (+/- 0.559)	872.09 (+/- 0.566)	871.60 (+/- 0.698)	867.77 (+/- 1.469)	871.88 (+/- 0.383)
FWHM	4.89 (+/- 1.729)	4.53 (+/- 1.433)	4.68 (+/- 1.393)	5.25 (+/- 1.852)	6.97 (+/- 4.790)	4.70 (+/- 0.977)

Executed 2011-07-27 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2004	2001	2001	2003	8007
LiveTime [s]	286.833	316.84	331.861	304.83	903.687	1240.363
Gain	1.008004	1.02901	1.023402	0.984601	1.179214	-
Peak	873.05 (+/- 0.617)	870.38 (+/- 0.565)	871.55 (+/- 0.651)	872.08 (+/- 0.774)	870.07 (+/- 1.347)	871.73 (+/- 0.329)
FWHM	4.93 (+/- 1.607)	4.61 (+/- 1.513)	4.54 (+/- 1.761)	5.47 (+/- 2.099)	6.60 (+/- 4.212)	4.75 (+/- 0.861)

Executed 2011-07-28 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2002	2004	2001	2004	8009
LiveTime [s]	310.827	357.813	350.852	321.81	643.756	1341.301
Gain	1.008907	1.030296	1.024132	0.985811	1.179663	-
Peak	870.86 (+/- 0.531)	871.90 (+/- 0.626)	871.42 (+/- 0.574)	870.28 (+/- 0.639)	865.72 (+/- 1.117)	871.33 (+/- 0.273)
FWHM	4.51 (+/- 1.373)	4.72 (+/- 1.629)	4.41 (+/- 1.573)	5.52 (+/- 1.715)	7.39 (+/- 3.291)	4.59 (+/- 0.704)

Executed 2011-07-29 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2006	2002	2001	2002	2003	8011
LiveTime [s]	299.819	337.811	350.844	329.796	931.625	1318.271
Gain	1.014727	1.035878	1.024239	0.989227	1.193562	-
Peak	873.06 (+/- 0.640)	871.37 (+/- 0.484)	870.09 (+/- 0.662)	869.43 (+/- 0.794)	869.04 (+/- 1.288)	871.44 (+/- 0.316)
FWHM	4.81 (+/-	4.18 (+/-	4.23 (+/-	5.77 (+/-	6.77 (+/-	4.65 (+/-

	1.696)	1.236)	1.801)	2.055)	4.148)	0.843)

Executed 2011-07-29 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2007	2001	2003	2001	8016
LiveTime [s]	304.838	334.826	317.874	317.824	930.671	1275.362
Gain	1.010291	1.030113	1.024147	0.986586	1.187644	-
Peak	872.19 (+/- 0.745)	872.05 (+/- 0.533)	869.00 (+/- 0.638)	872.03 (+/- 0.583)	867.81 (+/- 1.055)	871.41 (+/- 0.351)
FWHM	4.37 (+/- 2.028)	4.34 (+/- 1.418)	4.43 (+/- 1.668)	4.52 (+/- 1.643)	5.90 (+/- 3.265)	4.32 (+/- 0.925)

Executed 2011-07-30 RSI System Test Report RSX-5 SN5516_1_hv.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2002	2002	2002	2002	8007
LiveTime [s]	305.84	337.831	350.862	327.827	905.692	1322.36
Gain	0.976796	0.997425	0.986988	0.949798	1.073562	-
Peak	871.99 (+/- 0.556)	869.42 (+/- 0.537)	870.06 (+/- 0.636)	869.01 (+/- 0.608)	867.58 (+/- 1.318)	870.14 (+/- 0.320)
FWHM	4.83 (+/- 1.479)	4.54 (+/- 1.395)	4.46 (+/- 1.661)	4.78 (+/- 1.642)	6.56 (+/- 4.449)	4.58 (+/- 0.830)

Executed 2011-07-30 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2006	2004	2003	2004	2001	8017
LiveTime [s]	311.818	333.822	342.85	312.817	962.623	1301.307
Gain	1.013069	1.03525	1.023134	0.988273	1.114414	-
Peak	872.21 (+/- 0.694)	871.56 (+/- 0.596)	871.31 (+/- 0.790)	871.88 (+/- 0.707)	866.94 (+/- 1.705)	871.97 (+/- 0.325)
FWHM	4.95 (+/- 1.905)	4.22 (+/- 1.565)	4.95 (+/- 2.414)	4.82 (+/- 1.909)	6.86 (+/- 6.013)	4.57 (+/- 0.842)

Executed 2011-07-30 RSI System Test Report RSX-5 SN5516_5.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2009	2001	2002	2001	2001	8013
LiveTime [s]	300.836	330.827	345.861	320.823	918.686	1298.347
Gain	1.009643	1.030276	1.025629	0.985323	1.11589	-
Peak	871.21 (+/-	871.40 (+/-	869.52 (+/-	870.85 (+/-	862.66 (+/-	871.11 (+/-

	0.499)	0.570)	0.483)	0.654)	1.461)	0.263)
FWHM	4.34 (+/- 1.302)	4.63 (+/- 1.473)	3.94 (+/- 1.296)	5.56 (+/- 1.825)	3.76 (+/- 5.038)	4.48 (+/- 0.686)

Executed 2011-07-31 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2002	2002	2005	2001	8014
LiveTime [s]	300.829	347.824	342.859	309.83	925.658	1301.343
Gain	0.972279	0.992606	0.982547	0.945867	1.077268	-
Peak	871.57 (+/- 0.594)	871.00 (+/- 0.532)	868.85 (+/- 0.749)	868.54 (+/- 0.590)	866.62 (+/- 1.648)	870.26 (+/- 0.309)
FWHM	4.45 (+/- 1.549)	4.61 (+/- 1.373)	4.80 (+/- 2.106)	4.75 (+/- 1.609)	7.15 (+/- 5.409)	4.58 (+/- 0.796)

Executed 2011-07-31 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2007	2003	2002	2006	2003	8018
LiveTime [s]	303.839	326.835	330.864	314.834	822.711	1276.372
Gain	1.006832	1.027008	1.025943	0.982138	1.123265	-
Peak	872.51 (+/- 0.738)	872.32 (+/- 0.570)	871.02 (+/- 0.627)	868.89 (+/- 0.777)	868.56 (+/- 1.245)	871.13 (+/- 0.289)
FWHM	5.27 (+/- 1.959)	4.13 (+/- 1.489)	4.91 (+/- 1.653)	5.20 (+/- 2.230)	6.45 (+/- 3.826)	4.71 (+/- 0.742)

Executed 2011-08-02 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2009	2005	2005	2003	2002	8022
LiveTime [s]	300.836	331.82	329.863	316.824	843.658	1279.343
Gain	0.988154	1.011364	0.995984	0.958364	1.108235	-
Peak	870.49 (+/- 0.689)	871.36 (+/- 0.547)	869.93 (+/- 0.620)	867.80 (+/- 0.760)	868.23 (+/- 1.303)	870.21 (+/- 0.296)
FWHM	5.10 (+/- 1.837)	4.37 (+/- 1.426)	4.64 (+/- 1.665)	5.19 (+/- 2.085)	7.93 (+/- 4.180)	4.68 (+/- 0.765)

Executed 2011-08-02 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2005	2003	2008	2001	8018
LiveTime [s]	286.839	327.83	329.863	315.825	914.68	1260.357

Gain	1.025892	1.050378	1.04034	0.998558	1.158744	-
Peak	870.81 (+/- 0.553)	870.22 (+/- 0.606)	870.68 (+/- 0.562)	869.61 (+/- 0.808)	869.21 (+/- 1.692)	870.19 (+/- 0.310)
FWHM	4.51 (+/- 1.342)	4.58 (+/- 1.691)	4.48 (+/- 1.465)	5.43 (+/- 2.151)	7.70 (+/- 5.271)	4.58 (+/- 0.803)

Executed 2011-08-02 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2004	2007	2001	2007	2002	8019
LiveTime [s]	301.837	321.841	340.863	310.845	904.689	1275.386
Gain	1.01793	1.039897	1.037715	0.992264	1.146577	-
Peak	871.71 (+/- 0.500)	872.07 (+/- 0.570)	870.29 (+/- 0.650)	870.21 (+/- 0.698)	871.15 (+/- 1.251)	871.22 (+/- 0.330)
FWHM	4.43 (+/- 1.229)	4.48 (+/- 1.487)	4.61 (+/- 1.688)	5.76 (+/- 1.981)	6.08 (+/- 3.728)	4.74 (+/- 0.827)

Executed 2011-08-03 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2004	2004	2006	2007	2007	8021
LiveTime [s]	312.835	328.841	334.871	306.838	932.678	1283.385
Gain	0.970466	0.989333	0.981146	0.943493	1.094734	-
Peak	870.26 (+/- 0.631)	869.79 (+/- 0.601)	870.57 (+/- 0.692)	871.01 (+/- 0.716)	870.66 (+/- 1.573)	870.47 (+/- 0.285)
FWHM	4.93 (+/- 1.624)	4.48 (+/- 1.546)	4.59 (+/- 1.860)	5.31 (+/- 1.932)	7.01 (+/- 5.166)	4.60 (+/- 0.718)

Executed 2011-08-03 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2001	2001	2004	2002	8011
LiveTime [s]	294.843	334.828	336.867	325.825	879.699	1292.362
Gain	1.011275	1.034576	1.027046	0.986617	1.146379	-
Peak	872.20 (+/- 0.616)	873.15 (+/- 0.529)	870.77 (+/- 0.582)	871.12 (+/- 0.679)	869.01 (+/- 1.871)	871.82 (+/- 0.310)
FWHM	4.94 (+/- 1.673)	4.38 (+/- 1.389)	4.79 (+/- 1.477)	5.58 (+/- 1.804)	6.33 (+/- 6.896)	4.77 (+/- 0.818)

Executed 2011-08-03 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2007	2007	2002	2001	8017

LiveTime [s]	298.85	318.834	341.864	324.831	883.704	1284.379
Gain	1.011177	1.032141	1.029539	0.986887	1.141523	-
Peak	871.89 (+/- 0.505)	870.89 (+/- 0.557)	870.82 (+/- 0.524)	870.72 (+/- 0.752)	869.65 (+/- 1.624)	871.16 (+/- 0.276)
FWHM	4.45 (+/- 1.319)	4.66 (+/- 1.513)	4.83 (+/- 1.355)	5.23 (+/- 2.039)	6.28 (+/- 5.748)	4.70 (+/- 0.713)

Executed 2011-08-03 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2006	2001	2005	2011	2001	8023
LiveTime [s]	286.85	328.839	322.872	302.847	886.698	1241.408
Gain	1.007068	1.025679	1.027676	0.983575	1.142869	-
Peak	872.46 (+/- 0.536)	872.28 (+/- 0.506)	871.55 (+/- 0.772)	871.43 (+/- 0.693)	863.78 (+/- 1.400)	871.96 (+/- 0.360)
FWHM	4.76 (+/- 1.337)	4.40 (+/- 1.307)	4.68 (+/- 1.961)	5.32 (+/- 1.877)	5.80 (+/- 4.705)	4.66 (+/- 0.913)

Executed 2011-08-04 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2008	2002	2004	2008	2001	8022
LiveTime [s]	301.836	329.838	340.872	306.836	892.681	1279.384
Gain	0.965538	0.98505	0.977893	0.939206	1.097966	-
Peak	869.40 (+/- 0.607)	869.52 (+/- 0.538)	869.23 (+/- 0.537)	869.44 (+/- 0.918)	865.51 (+/- 1.312)	869.40 (+/- 0.306)
FWHM	4.55 (+/- 1.741)	4.59 (+/- 1.396)	4.24 (+/- 1.387)	5.43 (+/- 2.557)	6.36 (+/- 4.323)	4.49 (+/- 0.798)

Executed 2011-08-04 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2005	2008	2008	2001	8026
LiveTime [s]	286.848	308.84	329.867	306.829	861.691	1232.384
Gain	1.009108	1.030825	1.025351	0.985181	1.154215	-
Peak	871.42 (+/- 0.628)	872.50 (+/- 0.668)	870.26 (+/- 0.604)	870.53 (+/- 0.747)	867.13 (+/- 1.588)	871.10 (+/- 0.312)
FWHM	4.38 (+/- 1.720)	4.57 (+/- 1.741)	4.62 (+/- 1.637)	5.55 (+/- 2.041)	7.20 (+/- 5.465)	4.59 (+/- 0.822)

Executed 2011-08-04 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4

Status	Done	Done	Done	Done	Done	Done
Counts	2005	2004	2004	2008	2001	8021
LiveTime [s]	277.857	331.83	338.872	299.845	873.707	1248.403
Gain	1.005022	1.02797	1.023526	0.979746	1.150201	-
Peak	871.92 (+/- 0.715)	872.31 (+/- 0.648)	870.69 (+/- 0.511)	869.45 (+/- 0.736)	871.50 (+/- 1.365)	871.41 (+/- 0.308)
FWHM	5.10 (+/- 1.996)	4.52 (+/- 1.698)	4.85 (+/- 1.379)	5.51 (+/- 2.134)	5.85 (+/- 4.701)	4.82 (+/- 0.809)

Executed 2011-08-05 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2001	2005	2002	2001	8011
LiveTime [s]	305.836	313.837	322.87	296.84	881.667	1239.384
Gain	0.96745	0.988824	0.980549	0.939629	1.100578	-
Peak	869.95 (+/- 0.700)	872.04 (+/- 0.615)	870.35 (+/- 0.588)	867.43 (+/- 0.681)	868.52 (+/- 1.213)	870.24 (+/- 0.330)
FWHM	4.78 (+/- 2.022)	4.85 (+/- 1.627)	4.18 (+/- 1.559)	4.94 (+/- 1.875)	6.49 (+/- 3.769)	4.46 (+/- 0.859)

Executed 2011-08-05 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2008	2002	2002	2004	2003	8016
LiveTime [s]	293.831	322.828	336.863	314.822	865.677	1268.345
Gain	1.009655	1.03171	1.022791	0.986247	1.152698	-
Peak	872.45 (+/- 0.590)	871.87 (+/- 0.600)	869.63 (+/- 0.637)	870.01 (+/- 0.693)	870.13 (+/- 1.236)	870.94 (+/- 0.292)
FWHM	4.56 (+/- 1.593)	4.01 (+/- 1.584)	4.41 (+/- 1.672)	5.45 (+/- 1.790)	6.29 (+/- 3.870)	4.36 (+/- 0.779)

Executed 2011-08-05 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2009	2009	2005	2006	2002	8029
LiveTime [s]	278.85	320.843	335.865	306.837	829.707	1242.396
Gain	1.012647	1.034272	1.026602	0.989657	1.159073	-
Peak	871.67 (+/- 0.720)	871.47 (+/- 0.529)	869.44 (+/- 0.635)	869.82 (+/- 0.761)	870.06 (+/- 1.361)	870.69 (+/- 0.325)
FWHM	5.02 (+/- 1.942)	4.43 (+/- 1.341)	4.82 (+/- 1.752)	5.27 (+/- 2.135)	5.81 (+/- 4.691)	4.70 (+/- 0.869)

Executed 2011-08-08 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2007	2005	2007	2005	2001	8024
LiveTime [s]	316.831	339.829	350.862	324.819	915.668	1332.341
Gain	0.97584	0.998563	0.988718	0.948087	1.131321	-
Peak	872.44 (+/- 0.535)	871.55 (+/- 0.557)	869.92 (+/- 0.638)	870.70 (+/- 0.705)	872.16 (+/- 1.351)	871.23 (+/- 0.283)
FWHM	4.75 (+/- 1.396)	4.43 (+/- 1.439)	4.36 (+/- 1.719)	4.82 (+/- 1.844)	6.57 (+/- 4.047)	4.50 (+/- 0.729)

Executed 2011-08-08 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2004	2005	2005	2001	8017
LiveTime [s]	306.842	322.837	335.873	325.816	902.7	1291.367
Gain	1.015332	1.041354	1.03032	0.990606	1.174643	-
Peak	870.45 (+/- 0.593)	871.38 (+/- 0.616)	870.10 (+/- 0.490)	870.89 (+/- 0.699)	867.30 (+/- 1.554)	870.73 (+/- 0.324)
FWHM	4.58 (+/- 1.522)	4.48 (+/- 1.638)	4.31 (+/- 1.305)	5.56 (+/- 1.837)	7.09 (+/- 4.571)	4.50 (+/- 0.855)

Executed 2011-08-08 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2008	2005	2002	2003	8018
LiveTime [s]	289.852	320.836	345.866	307.836	907.695	1264.39
Gain	1.013449	1.037919	1.028173	0.986969	1.176247	-
Peak	872.34 (+/- 0.589)	872.05 (+/- 0.665)	870.84 (+/- 0.629)	869.52 (+/- 0.532)	868.74 (+/- 1.315)	871.60 (+/- 0.309)
FWHM	4.64 (+/- 1.506)	4.59 (+/- 1.786)	4.80 (+/- 1.630)	4.87 (+/- 1.437)	6.89 (+/- 4.295)	4.65 (+/- 0.784)

Executed 2911-08-09 RSI System Test Report RSX-5 SN5516_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2003	2004	2002	2001	2003	8010
LiveTime [s]	313.818	321.829	356.854	320.817	907.649	1313.317
Gain	1.030913	1.060099	1.039492	1.007112	1.191136	-
Peak	871.04 (+/- 0.539)	871.87 (+/- 0.624)	870.06 (+/- 0.673)	869.33 (+/- 0.788)	873.49 (+/- 1.412)	870.62 (+/- 0.331)
FWHM	4.96 (+/- 1.411)	4.46 (+/- 1.698)	4.68 (+/- 1.751)	5.82 (+/- 2.137)	6.79 (+/- 4.341)	4.83 (+/- 0.842)

Executed 2911-08-09 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2004	2002	2006	2002	2004	8014
LiveTime [s]	287.837	342.827	338.862	308.826	923.645	1278.351
Gain	1.031355	1.060853	1.041002	1.007246	1.196456	-
Peak	871.54 (+/- 0.607)	872.16 (+/- 0.507)	869.78 (+/- 0.633)	870.03 (+/- 0.676)	867.76 (+/- 1.443)	870.84 (+/- 0.293)
FWHM	4.53 (+/- 1.587)	4.64 (+/- 1.330)	4.68 (+/- 1.657)	5.51 (+/- 1.860)	7.16 (+/- 4.310)	4.68 (+/- 0.752)

Executed 2911-08-09 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2004	2008	2006	2002	8023
LiveTime [s]	288.853	325.831	325.867	308.832	854.698	1249.383
Gain	1.026906	1.054736	1.040947	1.003394	1.191643	-
Peak	872.19 (+/- 0.637)	871.29 (+/- 0.590)	871.56 (+/- 0.598)	869.10 (+/- 0.759)	867.64 (+/- 1.209)	871.22 (+/- 0.330)
FWHM	4.76 (+/- 1.654)	4.28 (+/- 1.517)	5.19 (+/- 1.639)	6.06 (+/- 2.216)	5.68 (+/- 3.683)	4.80 (+/- 0.846)

Executed 2011-08-10 RSI System Test Report RSX-5 SN5516_hv_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2014	2005	2007	2002	2002	8028
LiveTime [s]	292.842	340.831	341.857	307.83	759.715	1283.361
Gain	0.999333	1.02711	1.006452	0.973623	1.084591	-
Peak	870.97 (+/- 0.634)	870.27 (+/- 0.679)	870.15 (+/- 0.602)	869.98 (+/- 0.619)	868.26 (+/- 2.091)	870.57 (+/- 0.325)
FWHM	5.28 (+/- 1.649)	4.63 (+/- 1.790)	4.85 (+/- 1.572)	5.12 (+/- 1.612)	6.61 (+/- 7.571)	4.93 (+/- 0.850)

Executed 2011-08-10 RSI System Test Report RSX-5 SN5516_hv_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2009	2001	2004	2001	2002	8015
LiveTime [s]	288.836	334.831	339.866	305.83	882.685	1269.362
Gain	1.003336	1.031741	1.009223	0.977768	1.088927	-
Peak	871.21 (+/- 0.692)	871.31 (+/- 0.500)	870.41 (+/- 0.497)	871.28 (+/- 0.707)	864.80 (+/- 1.134)	871.00 (+/- 0.289)
FWHM	4.98 (+/- 1.805)	4.54 (+/- 1.333)	4.09 (+/- 1.306)	5.17 (+/- 1.879)	6.51 (+/- 3.433)	4.59 (+/- 0.736)

Executed 2011-08-11 RSI System Test Report RSX-5 SN5516_1.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2005	2003	2004	2003	8017
LiveTime [s]	298.834	331.825	343.858	320.83	877.683	1295.347
Gain	0.987525	1.014368	0.99865	0.961795	1.080512	-
Peak	871.88 (+/- 0.498)	870.84 (+/- 0.509)	869.73 (+/- 0.553)	870.02 (+/- 0.803)	858.63 (+/- 1.377)	870.79 (+/- 0.315)
FWHM	4.60 (+/- 1.315)	4.07 (+/- 1.339)	4.08 (+/- 1.445)	5.14 (+/- 2.263)	4.07 (+/- 4.091)	4.29 (+/- 0.834)

Executed 2011-08-11 RSI System Test Report RSX-5 SN5516_3.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2002	2008	2004	2004	2004	8018
LiveTime [s]	279.852	330.824	340.853	309.837	877.694	1261.366
Gain	1.02648	1.05492	1.041426	1.001711	1.124676	-
Peak	872.64 (+/- 0.599)	870.46 (+/- 0.590)	871.22 (+/- 0.470)	870.41 (+/- 0.835)	870.19 (+/- 1.252)	871.37 (+/- 0.320)
FWHM	4.49 (+/- 1.528)	4.74 (+/- 1.570)	4.32 (+/- 1.211)	5.81 (+/- 2.344)	7.35 (+/- 3.618)	4.72 (+/- 0.811)

Executed 2011-08-11 RSI System Test Report RSX-5 SN5516_4.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2001	2003	2004	2002	8009
LiveTime [s]	309.84	342.829	335.865	312.83	914.679	1301.364
Gain	1.021323	1.047279	1.039816	0.99515	1.122035	-
Peak	871.76 (+/- 0.526)	871.41 (+/- 0.522)	869.95 (+/- 0.751)	870.12 (+/- 0.667)	871.87 (+/- 1.688)	871.06 (+/- 0.288)
FWHM	4.37 (+/- 1.418)	4.33 (+/- 1.338)	4.94 (+/- 2.062)	5.62 (+/- 1.835)	6.49 (+/- 5.981)	4.72 (+/- 0.745)

Executed 2011-08-12 RSI System Test Report RSX-5 SN5516_1_2.csv

Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2005	2010	2011	2007	2002	8033
LiveTime [s]	293.834	333.824	330.858	299.824	911.638	1258.341
Gain	0.998538	1.026514	1.010037	0.973915	1.089252	-
Peak	872.89 (+/- 0.629)	870.67 (+/- 0.568)	870.30 (+/- 0.619)	870.34 (+/- 0.649)	865.97 (+/- 1.444)	871.47 (+/- 0.312)

FWHM	4.80 (+/- 1.732)	4.21 (+/- 1.559)	4.77 (+/- 1.643)	4.78 (+/- 1.866)	6.71 (+/- 4.919)	4.66 (+/- 0.821)

Executed 2011-08-12 RSI System Test Report RSX-5 SN5516_3.csv

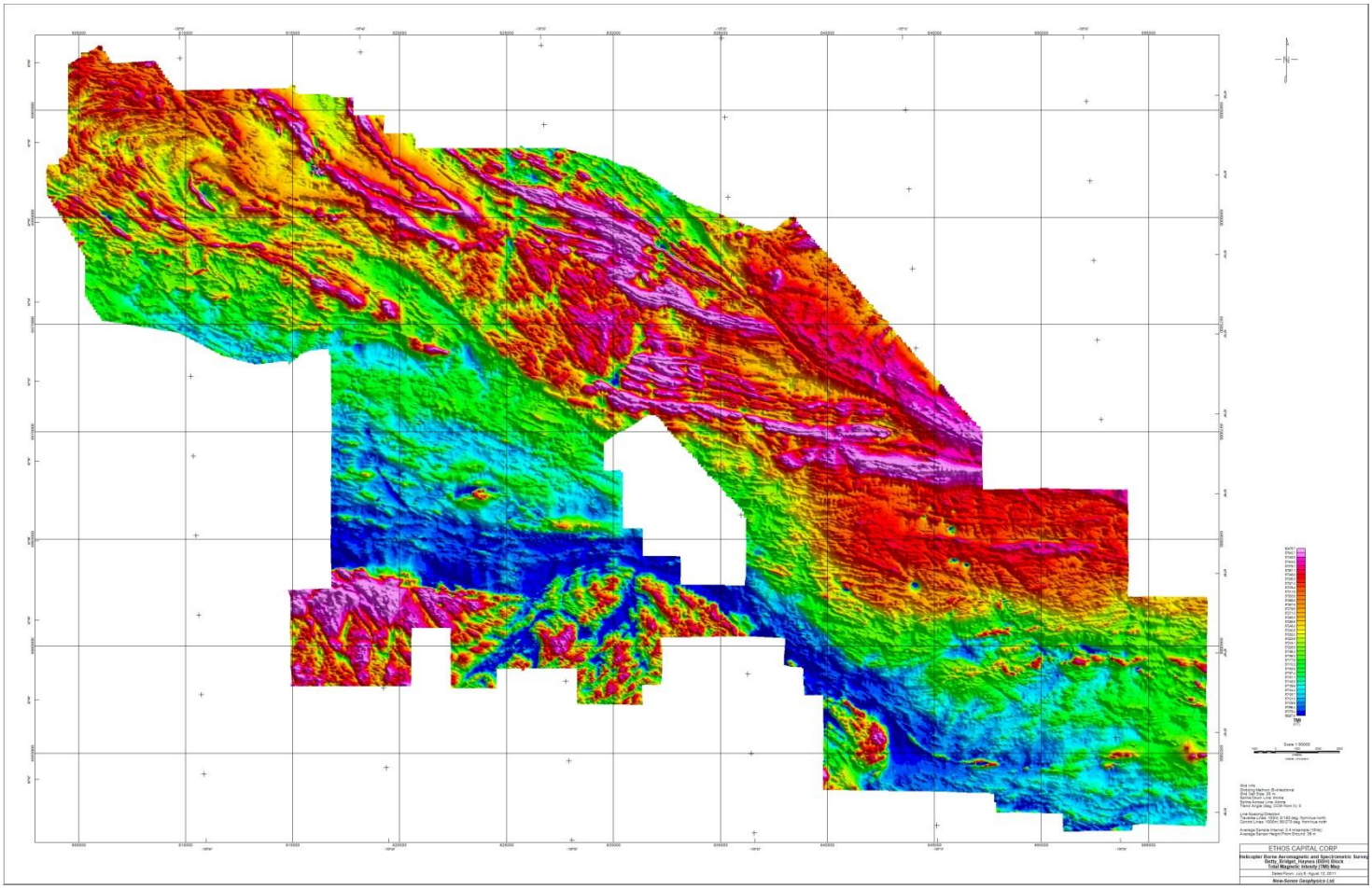
Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2001	2001	2003	2005	2001	8010
LiveTime [s]	286.827	336.814	327.854	308.814	840.674	1260.309
Gain	1.025845	1.051428	1.037651	1.00003	1.122471	-
Peak	872.86 (+/- 0.540)	871.83 (+/- 0.680)	871.36 (+/- 0.612)	868.71 (+/- 0.650)	866.80 (+/- 1.386)	871.59 (+/- 0.310)
FWHM	4.69 (+/- 1.392)	4.83 (+/- 1.810)	4.38 (+/- 1.614)	4.96 (+/- 1.849)	5.75 (+/- 4.956)	4.71 (+/- 0.795)

Executed 2011-08-12 RSI System Test Report RSX-5 SN5516_4.csv

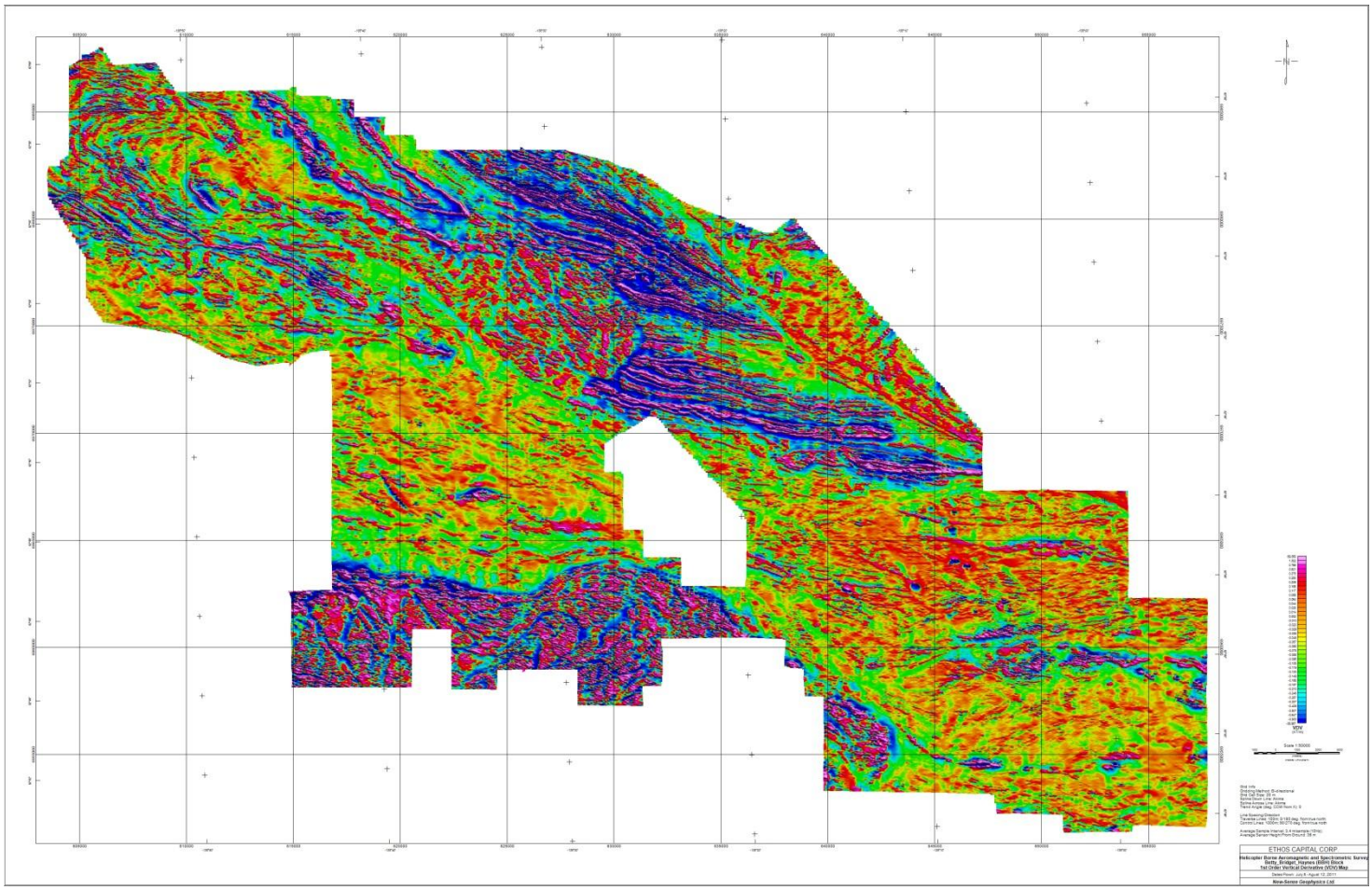
Detector	Det 1 - SN:00086	Det 2 - SN:00128	Det 3 - SN:00071	Det 4 - SN:00081	Det 5 - SN:00125	Det 1 + 2 + 3 + 4
Status	Done	Done	Done	Done	Done	Done
Counts	2004	2004	2003	2004	2004	8015
LiveTime [s]	284.846	319.844	336.867	313.822	876.689	1255.38
Gain	1.02197	1.049557	1.038898	0.996991	1.121563	-
Peak	874.08 (+/- 0.581)	871.26 (+/- 0.555)	870.94 (+/- 0.639)	871.36 (+/- 0.680)	868.58 (+/- 0.889)	872.01 (+/- 0.294)
FWHM	4.51 (+/- 1.549)	4.36 (+/- 1.515)	4.56 (+/- 1.714)	5.53 (+/- 1.764)	5.44 (+/- 2.508)	4.63 (+/- 0.752)

APPENDIX E: IMAGES OF FINAL MAPS

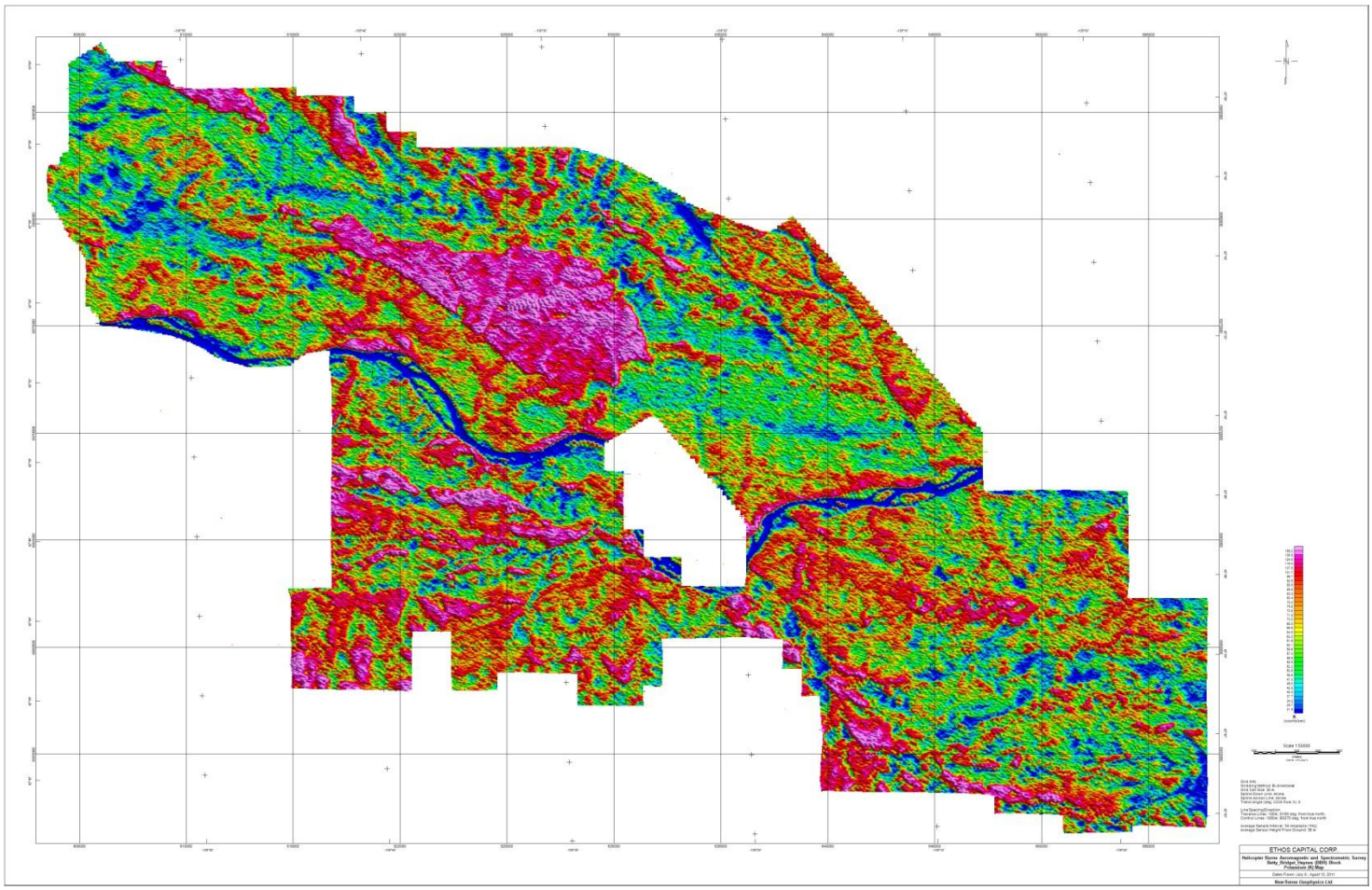
BBH Block Image of TMI FINAL Map



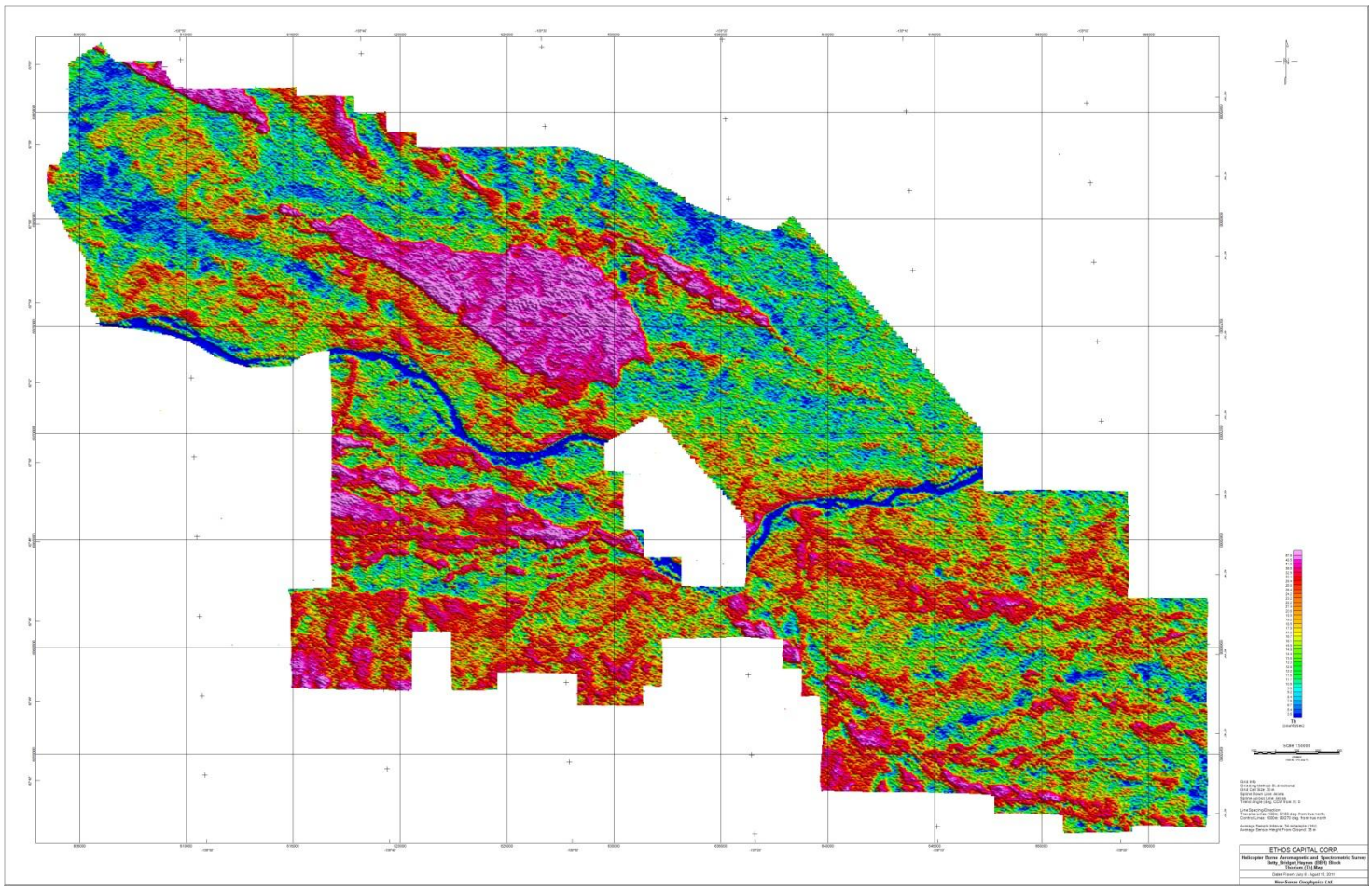
BBH Block Image of VDV Map



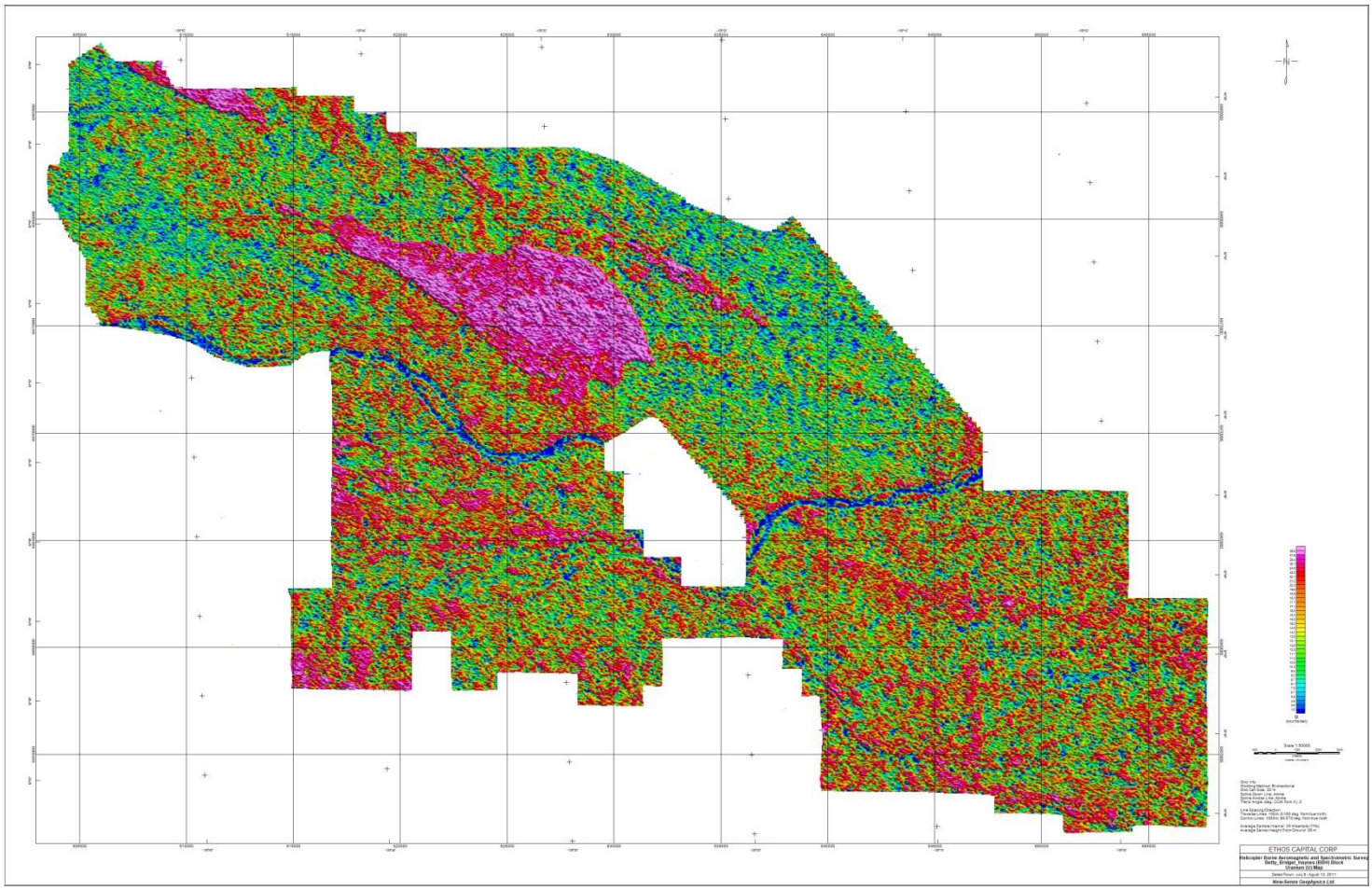
BBH Block Image of Potassium Map



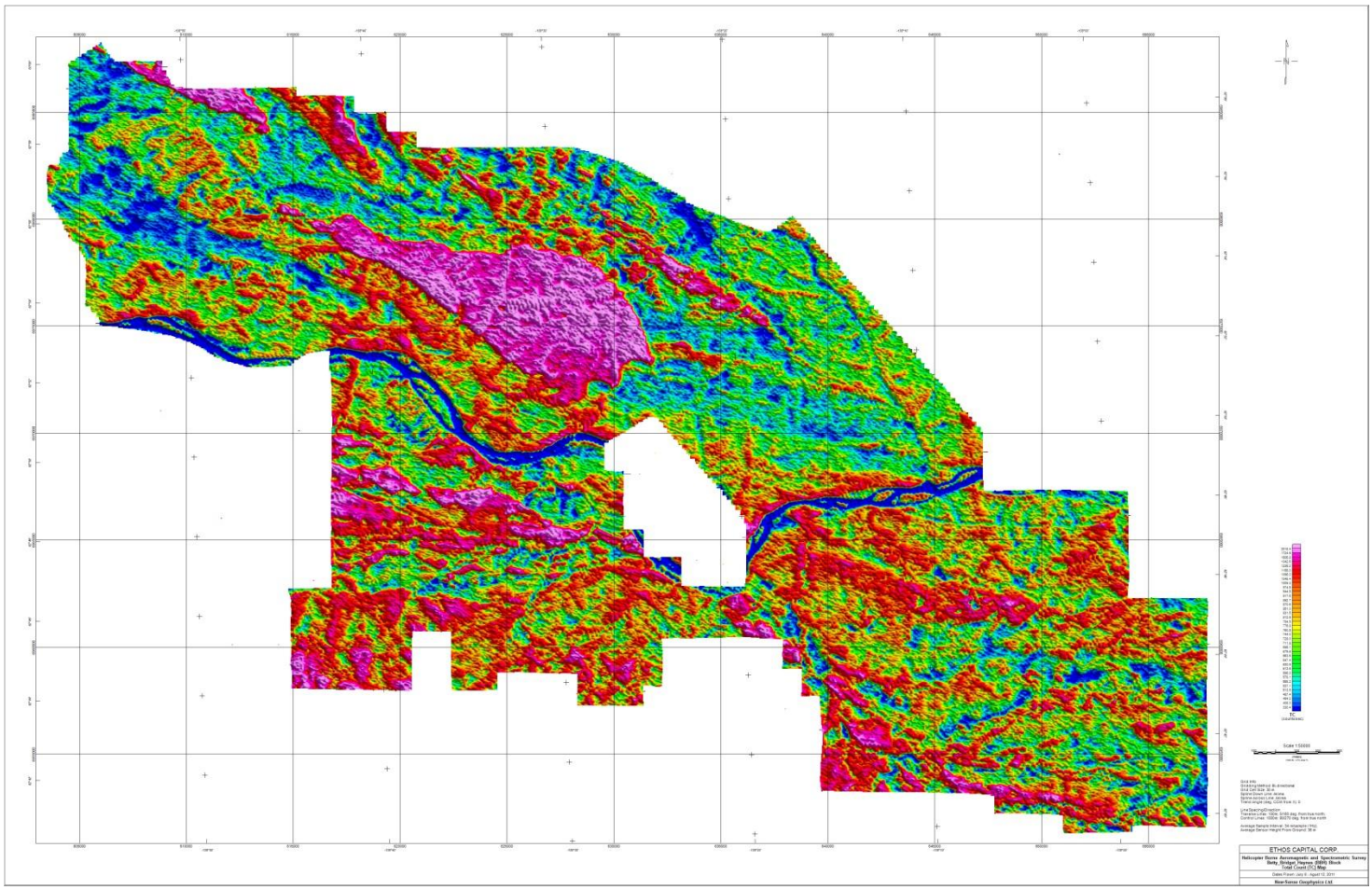
BBH Block Image of Thorium Map



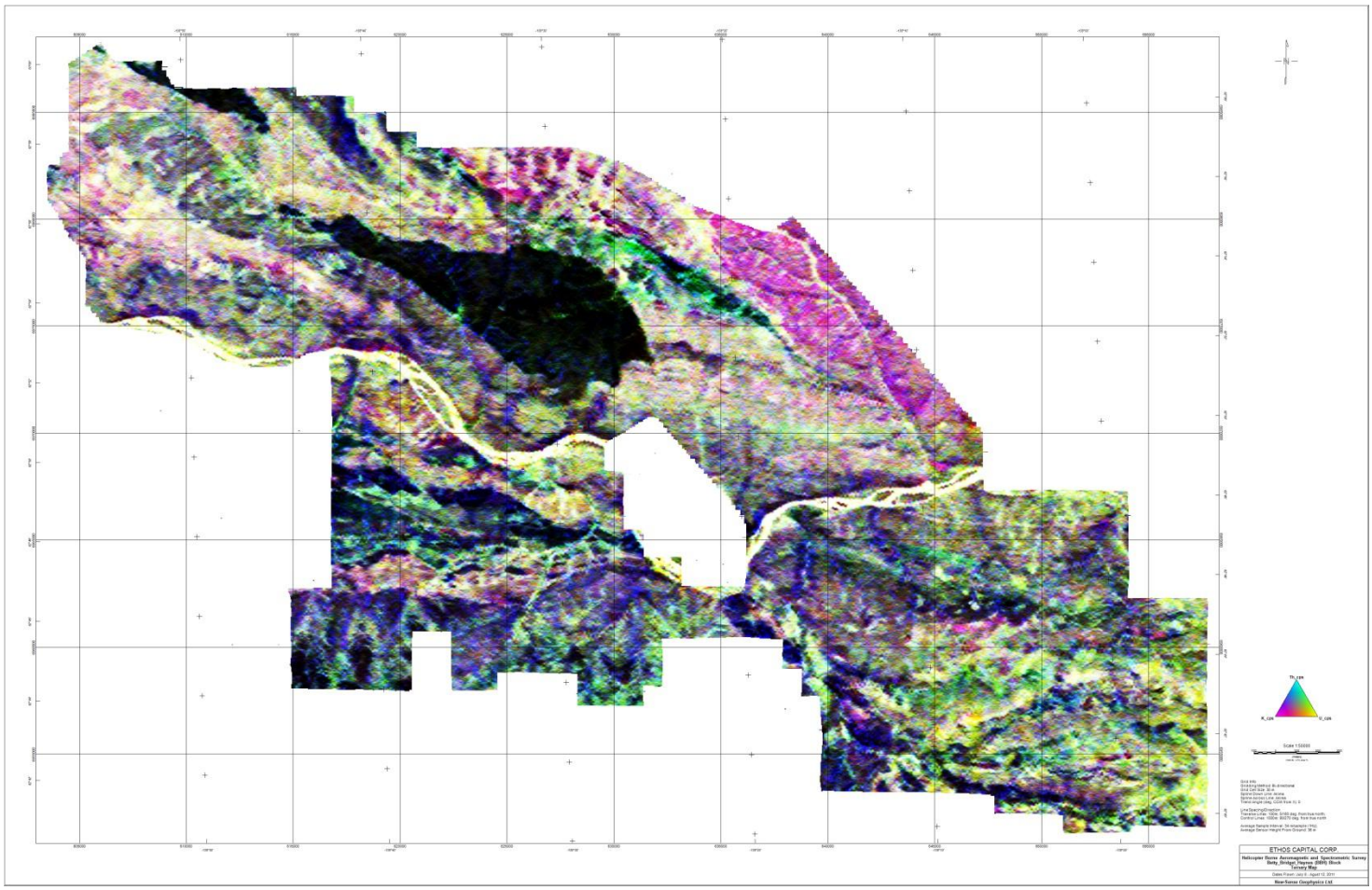
BBH Block Image of Uranium Map



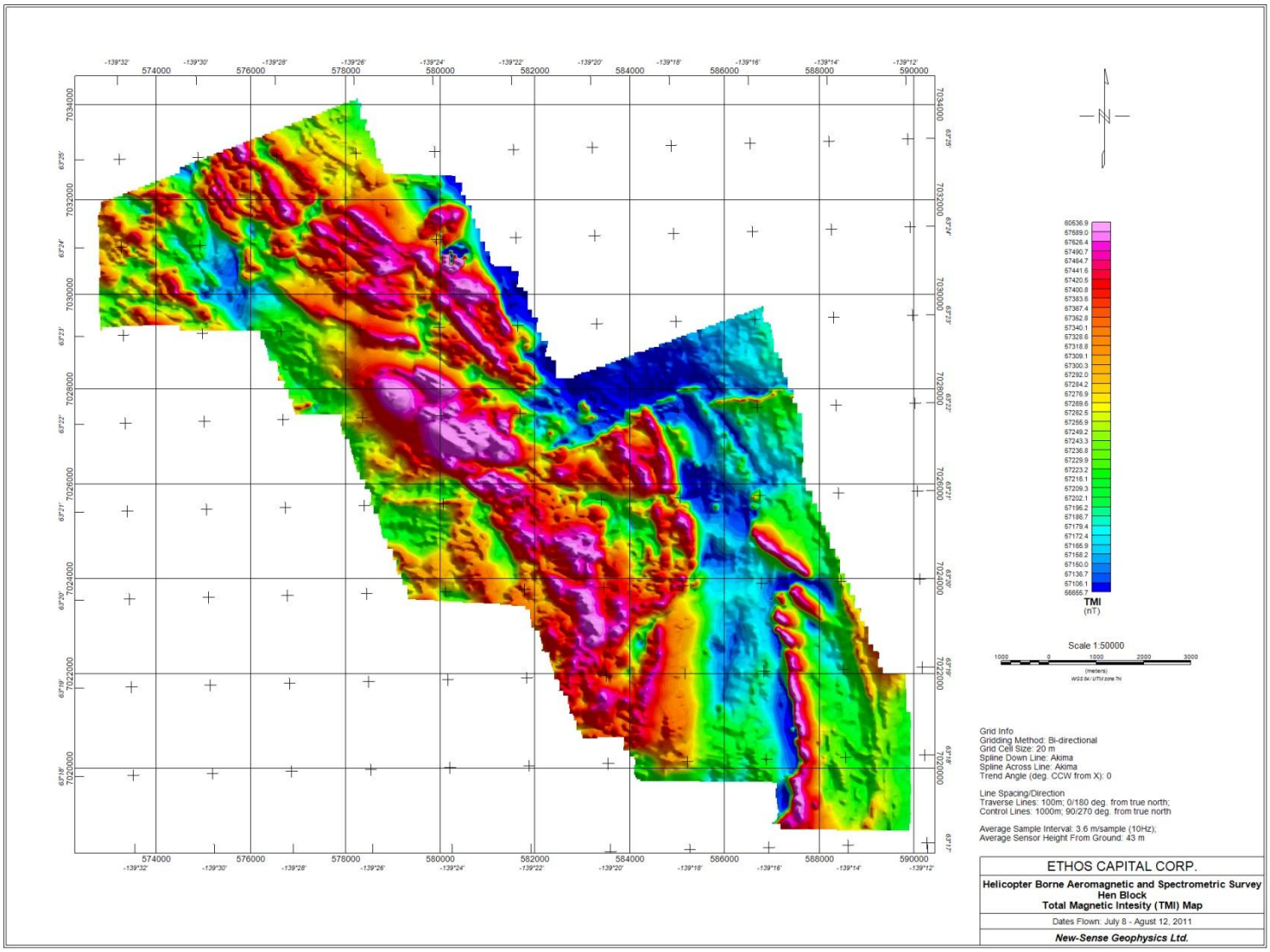
BBH Block Image of Total Count Map



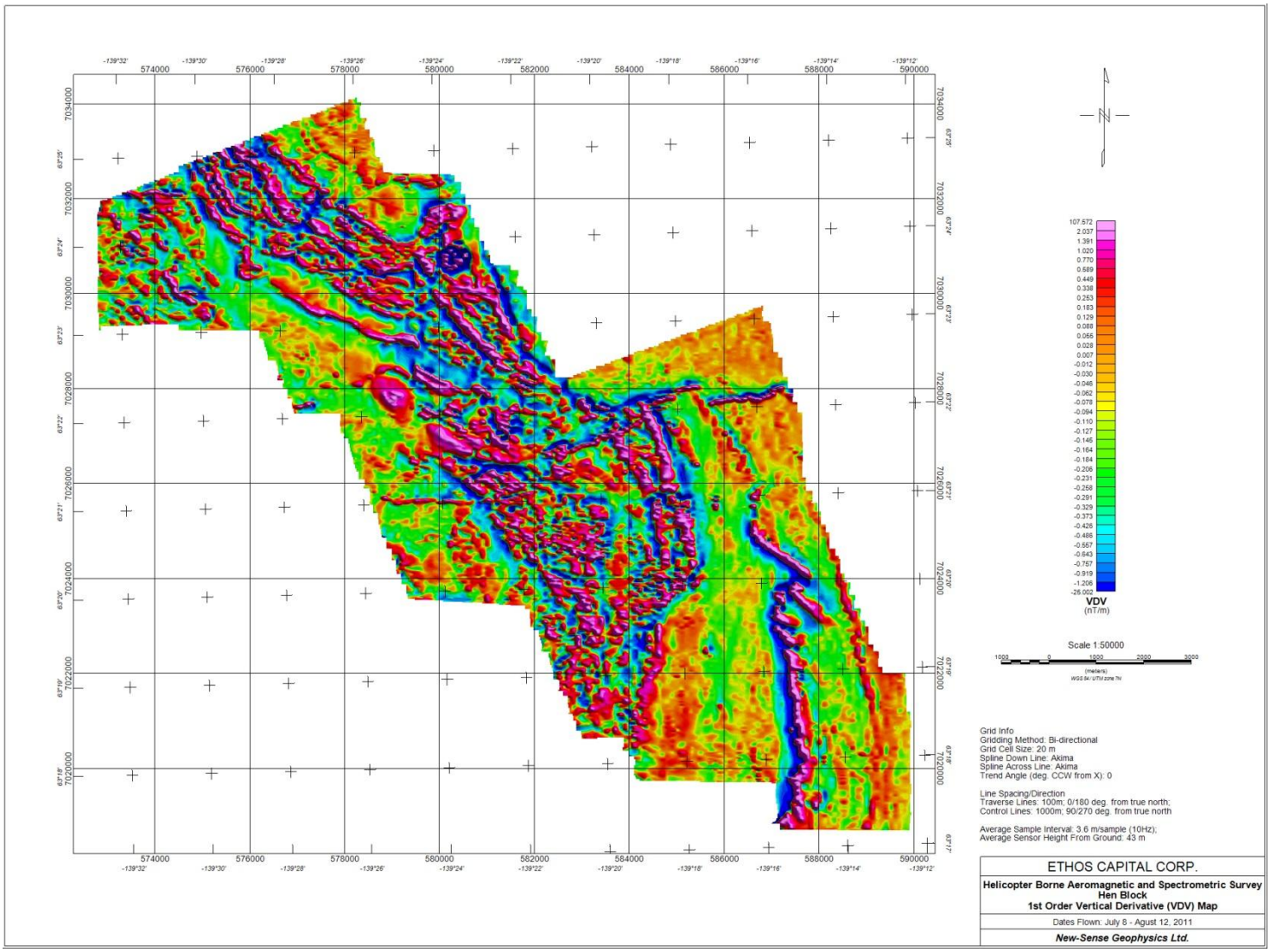
BBH Block Image of Ternary Map



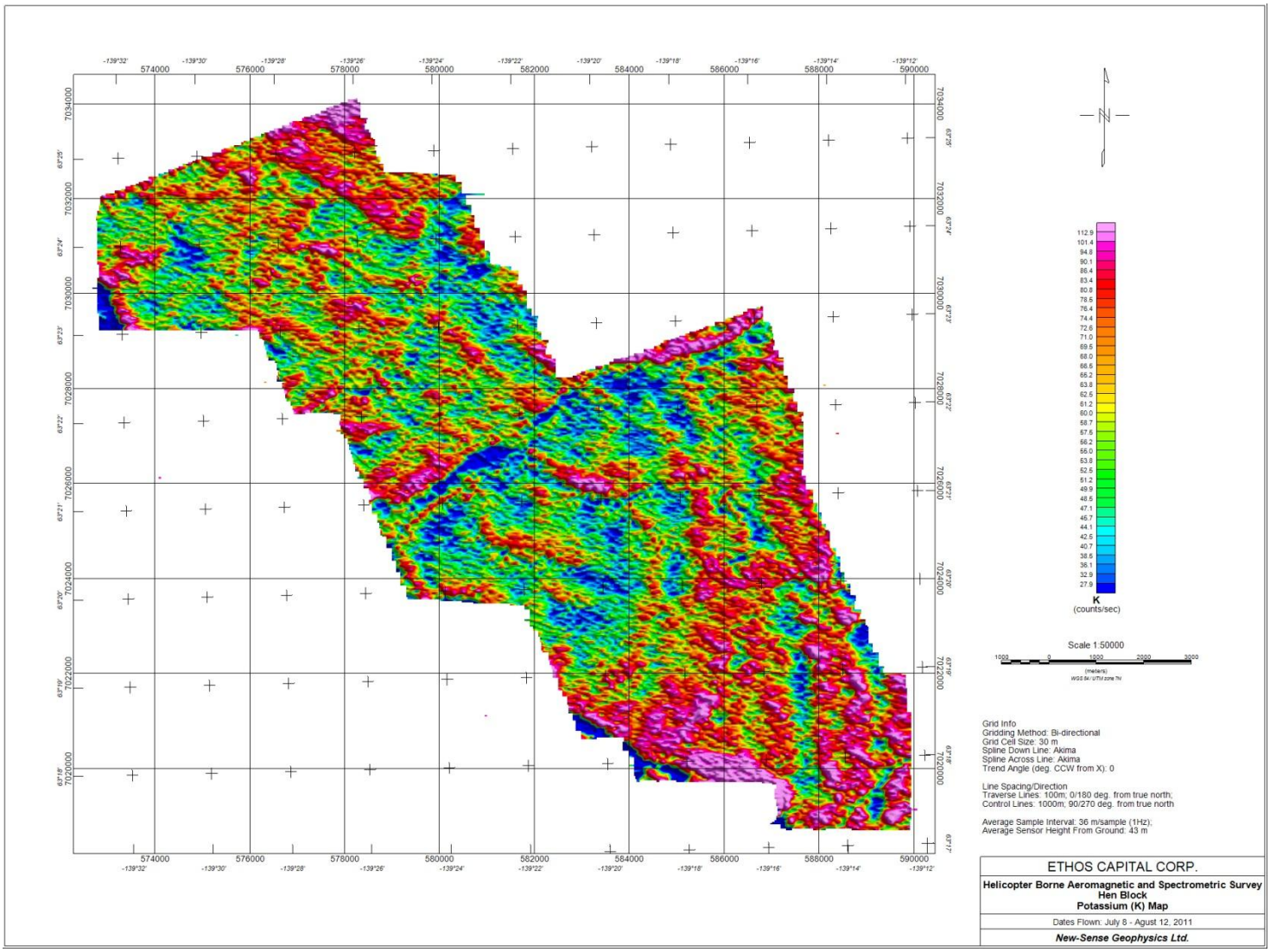
Hen Block Image of TMI FINAL Map



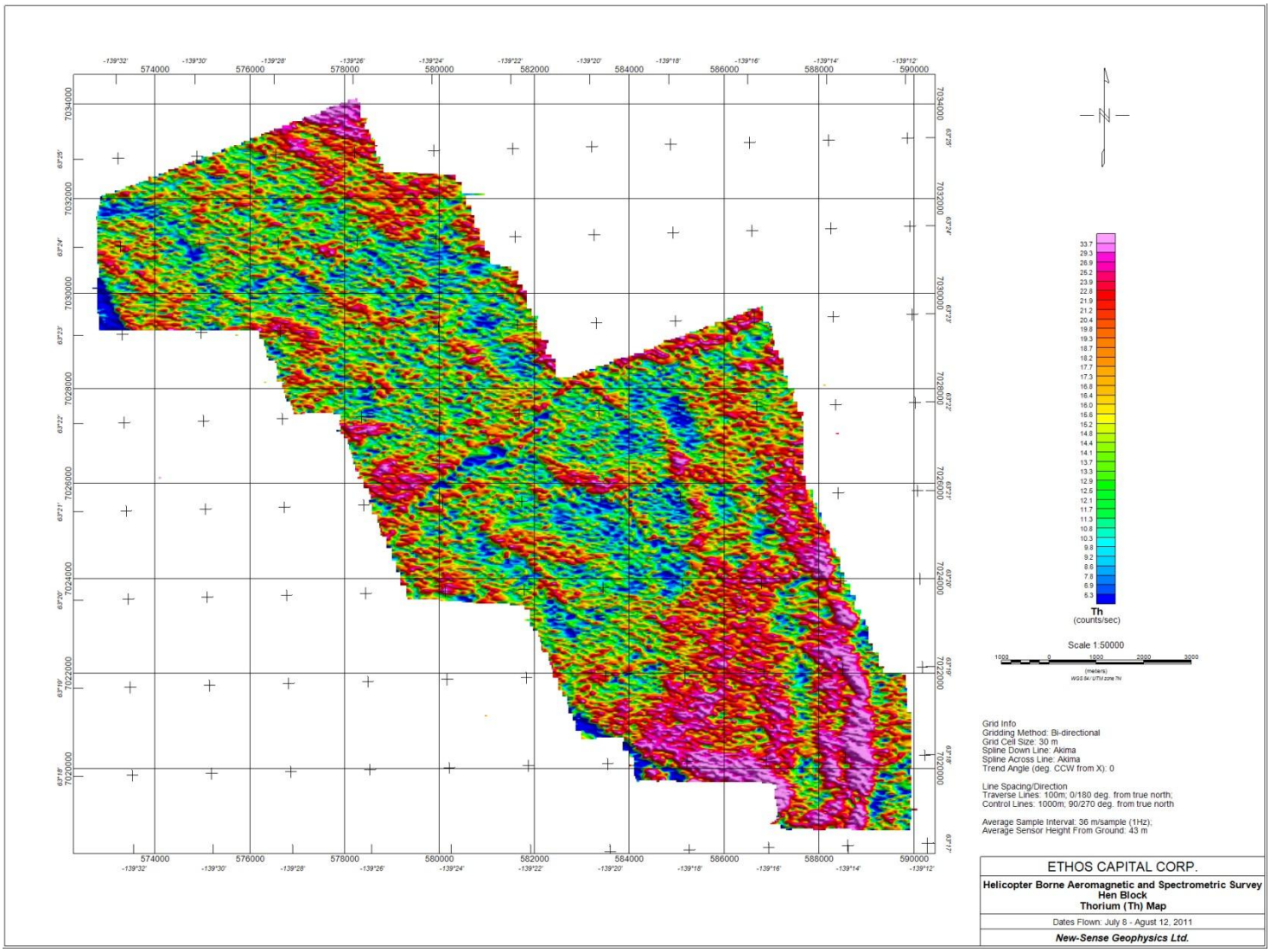
Hen Block Image of VDV Map



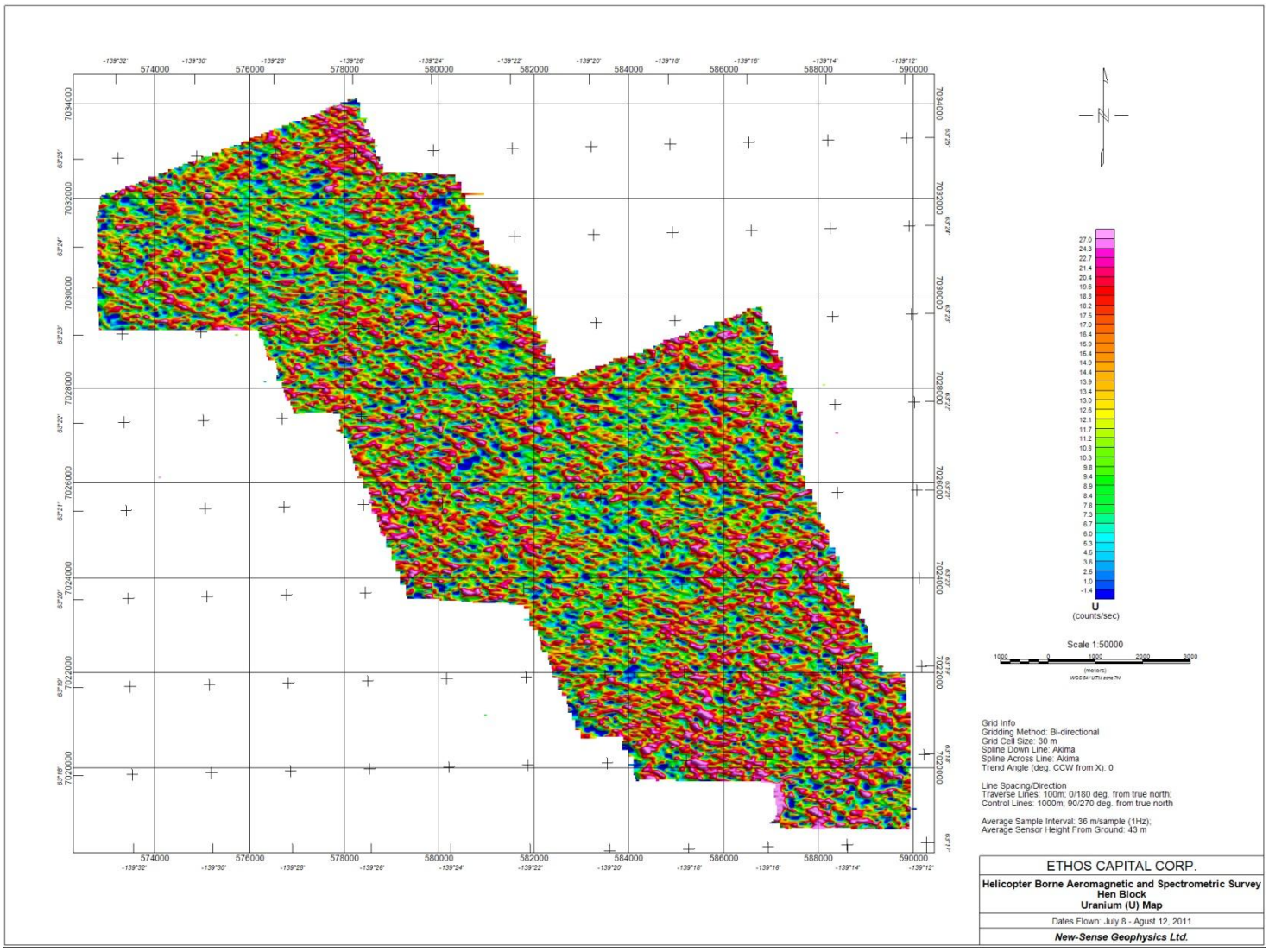
Hen Block Image of Potassium Map



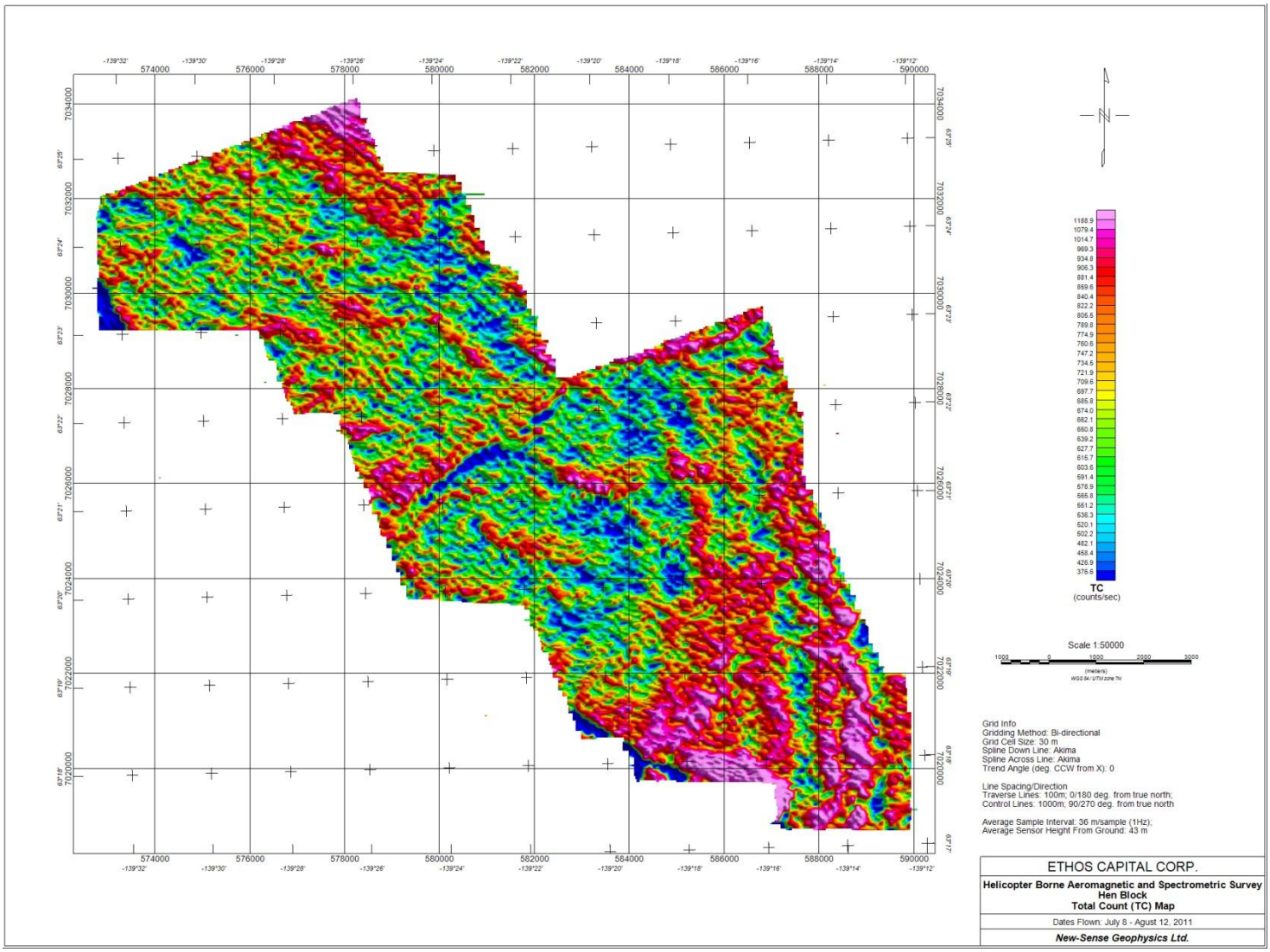
Hen Block Image of Thorium Map



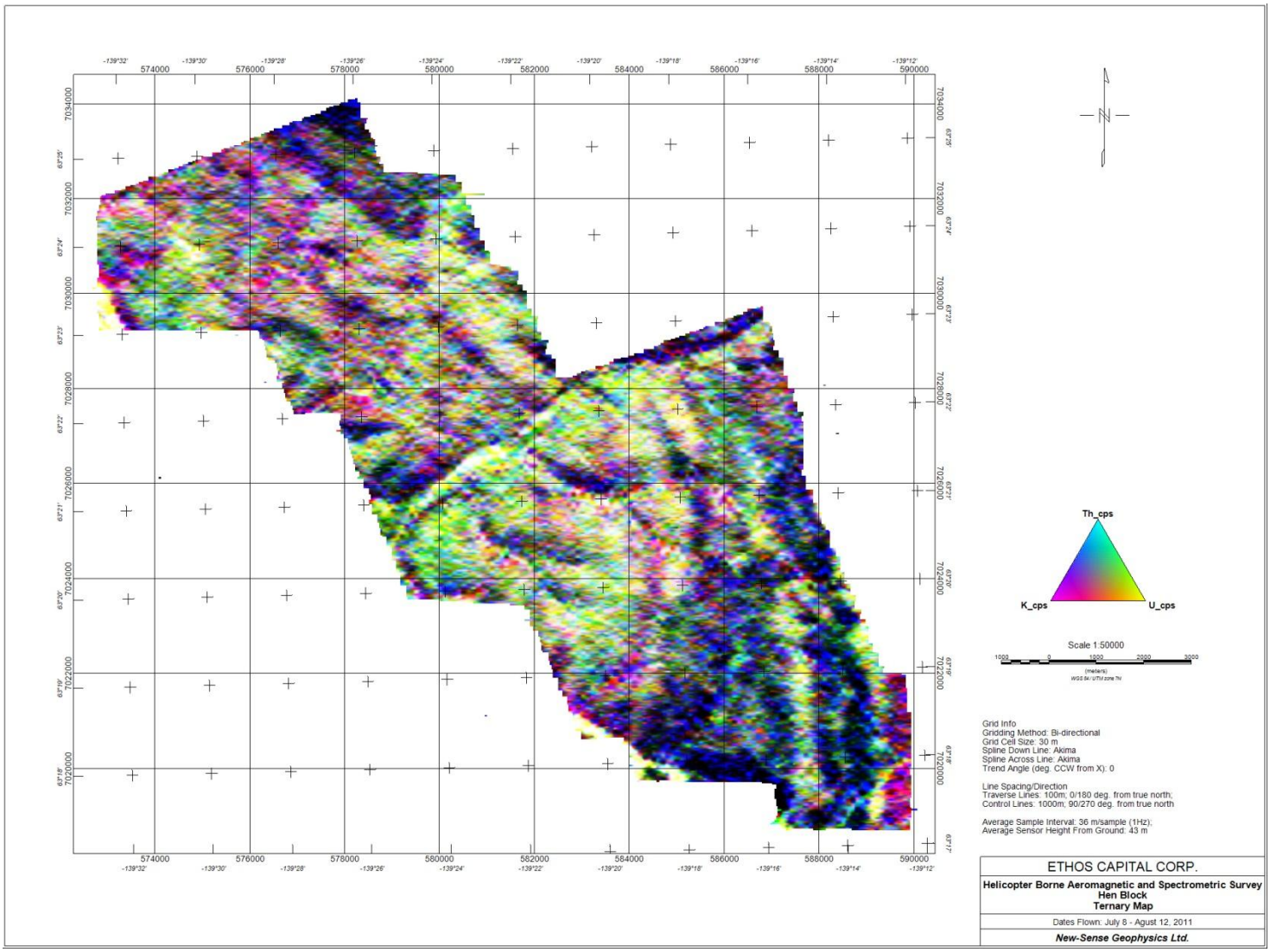
Hen Block Image of Uranium Map



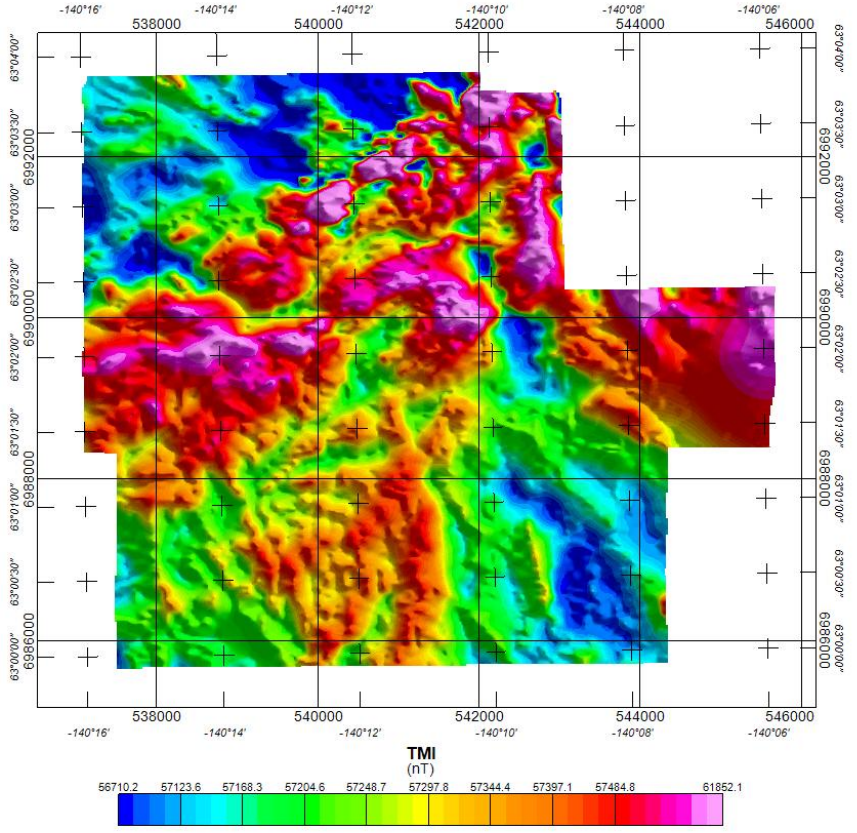
Hen Block Image of Total Count Map

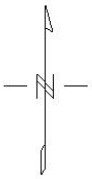


Hen Block Image of Ternary Map



Wolf Block Image of TMI FINAL Map







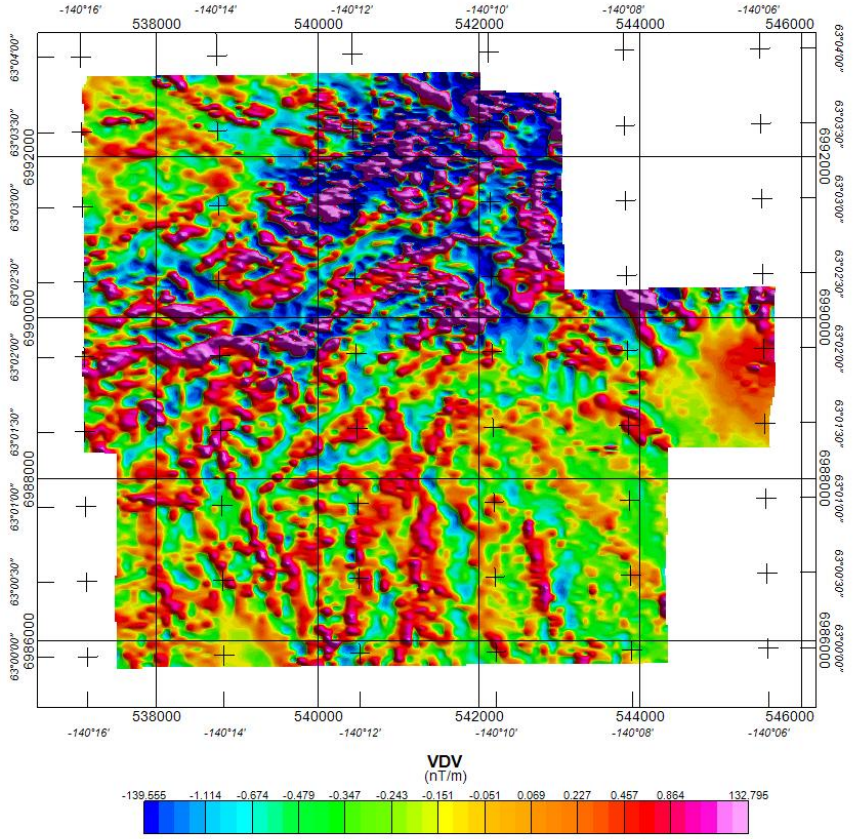
Grid Info
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Grid Cell Size: 20 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

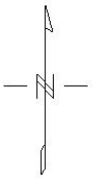
Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

Average Sample Interval: 3.4 m/sample (10Hz);
Average Sensor Height From Ground: 42 m

ETHOS CAPITAL CORP.
Helicopter Borne Aeromagnetic and Spectrometric Survey **Wolf Block** **Total Magnetic Intesity (TMI) Map**
Dates Flown: July 8 - Agust 12, 2011
New-Sense Geophysics Ltd.

Wolf Block Image of VDV Map







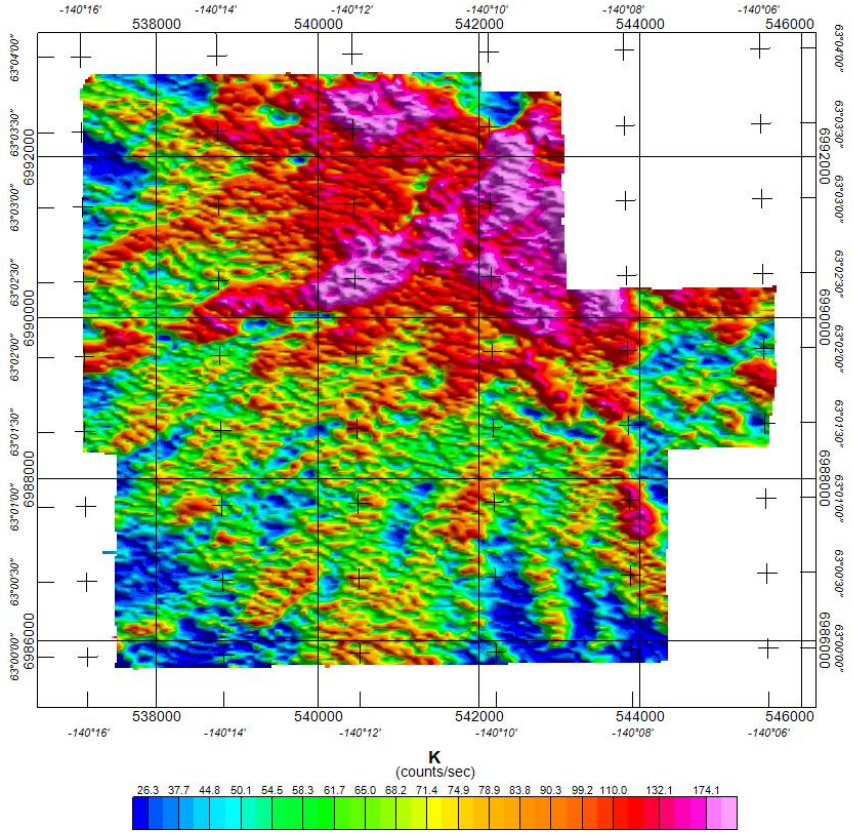
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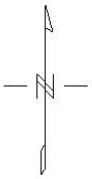
Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

Average Sample Interval: 3.4 m/sample (10Hz);
Average Sensor Height From Ground: 42 m

ETHOS CAPITAL CORP.
Helicopter Borne Aeromagnetic and Spectrometric Survey **Wolf Block** **1st Order Vertical Derivative (VDV) Map**
Dates Flown: July 8 - Agust 12, 2011
New-Sense Geophysics Ltd.

Wolf Block Image of Potassium Map







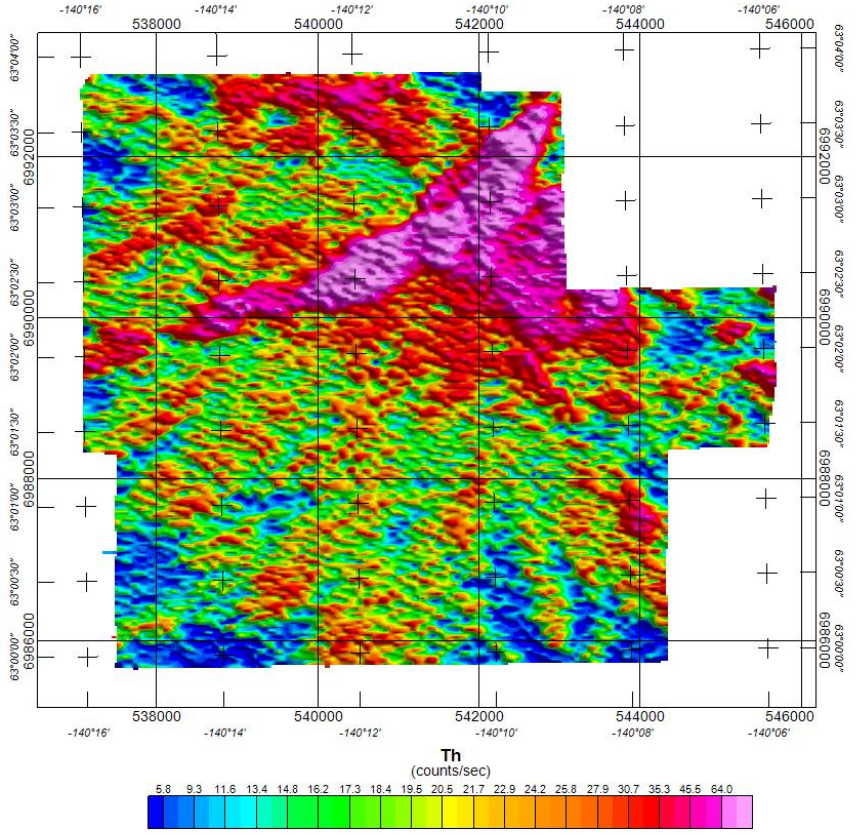
Grid Info
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Grid Cell Size: 30 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

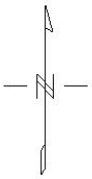
Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

Average Sample Interval: 34 m/sample (1Hz);
Average Sensor Height From Ground: 42 m

ETHOS CAPITAL CORP.
Helicopter Borne Aeromagnetic and Spectrometric Survey **Wolf Block** **Potassium (K) Map**
Dates Flown: July 8 - Agust 12, 2011
New-Sense Geophysics Ltd.

Wolf Block Image of Thorium Map







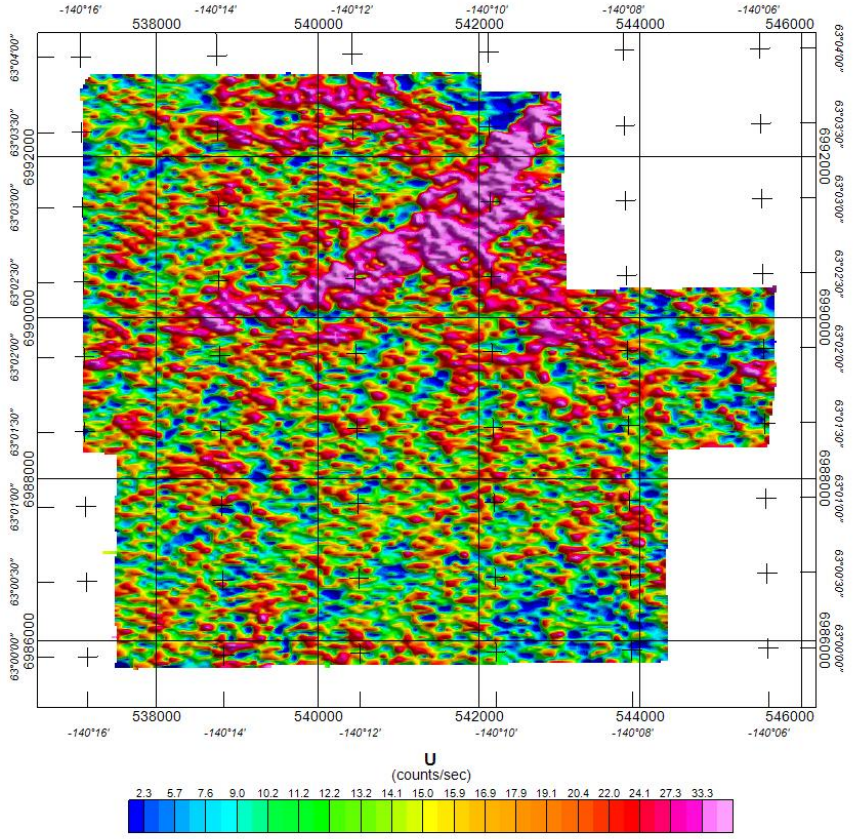
Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 30 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

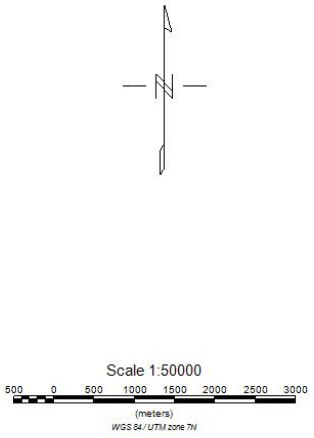
Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

Average Sample Interval: 34 m/sample (1Hz);
Average Sensor Height From Ground: 42 m

ETHOS CAPITAL CORP.
Helicopter Borne Aeromagnetic and Spectrometric Survey **Wolf Block** **Thorium (Th) Map**
Dates Flown: July 8 - Agust 12, 2011
New-Sense Geophysics Ltd.

Wolf Block Image of Uranium Map





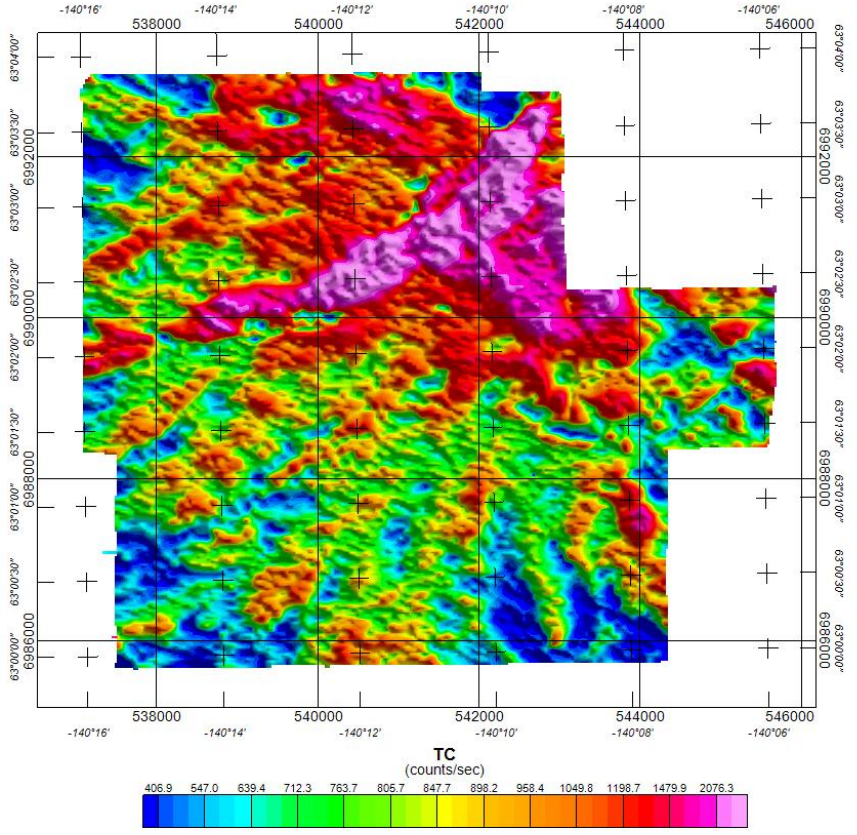
Grid Info
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Grid Cell Size: 30 m
Spline Down Line: Akima
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Trend Angle (deg. CCW from X): 0

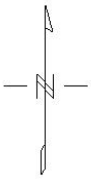
Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

Average Sample Interval: 34 m/sample (1Hz);
Average Sensor Height From Ground: 42 m

ETHOS CAPITAL CORP.
Helicopter Borne Aeromagnetic and Spectrometric Survey **Wolf Block** **Uranium (U) Map**
Dates Flown: July 8 - Agust 12, 2011
New-Sense Geophysics Ltd.

Wolf Block Image of Total Count Map







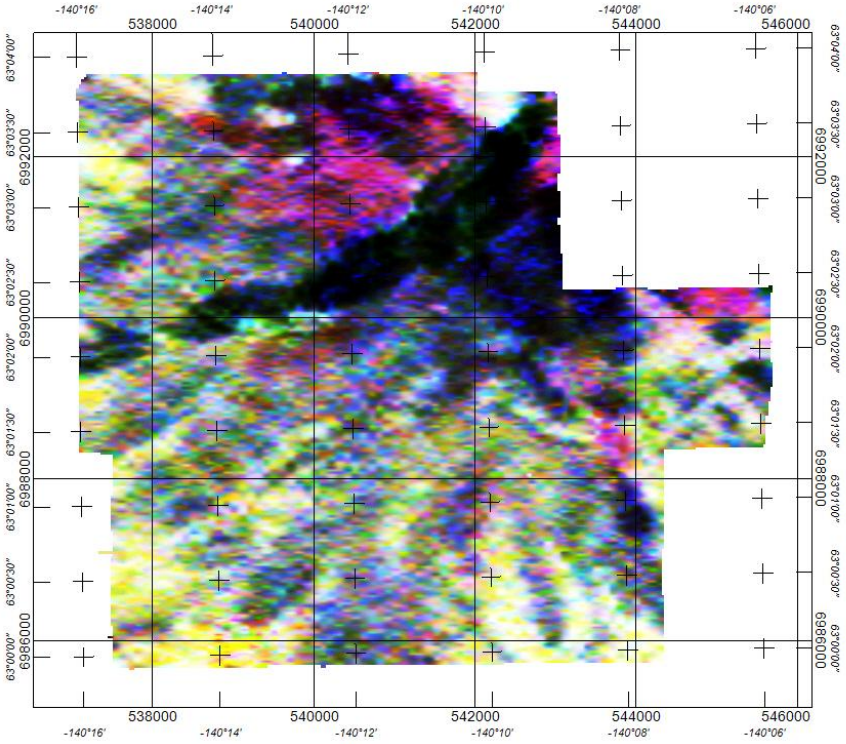
Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 30 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

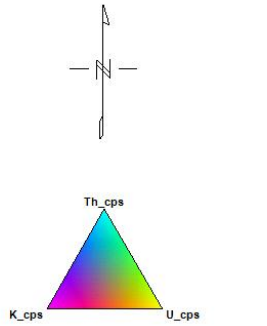
Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

Average Sample Interval: 34 m/sample (1Hz);
Average Sensor Height From Ground: 42 m

ETHOS CAPITAL CORP.
Helicopter Borne Aeromagnetic and Spectrometric Survey **Wolf Block** **Total Count (TC) Map**
Dates Flown: July 8 - Agust 12, 2011
New-Sense Geophysics Ltd.

Wolf Block Image of Ternary Map





Scale 1:50000

500 0 500 1000 1500 2000 2500 3000

(meters)

WGS 84 / UTM zone 7N

Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 30 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

Average Sample Interval: 34 m/sample (1Hz);
Average Sensor Height From Ground: 42 m

ETHOS CAPITAL CORP.
Helicopter Borne Aeromagnetic and Spectrometric Survey Wolf Block Ternary Map
Dates Flown: July 8 - Agust 12, 2011
New-Sense Geophysics Ltd.

APPENDIX F: MICROLEVELLING DESCRIPTION

As per PGW Microlevelling GX help file available through Geosoft Oasis montaj 7.2

DECORR.GX Version 3.0
Paterson, Grant & Watson Limited
March 2003

PARAMETERS: (miclev group parameters are used, so that values set will be passed to MICLEV.GX)

```
   miclev.Xchan = x channel (default "x")
         .Ychan = y channel (default "y")
         .Ochan = original data channel (no default)
         .Nchan = decorrugation noise channel (default "dcor_noise")
         .Space = flight line spacing
         .Dir   = flight line direction in degrees azimuth (clockwise
                  from North)
         .Cell  = cell size to use for gridding (default = line spacing/5)
         .Wlen  = decorrugation high-pass wavelength (default = 4 * line
                  spacing)
         .Ogrid = original output grid, new or existing
         .Nnoise= decorrugation noise grid
         .XY    = Xmin,Ymin,Xmax,Ymax            (optional)
         .LOGOPT= Log option                     (optional)
         .LOGMIN= Log minimum                    (optional)
         .DSF   = Low-pass desampling factor     (optional)
         .BKD   = Blanking distance              (optional)
         .TOL   = Tolerance                      (optional)
         .PASTOL= % pass tolerance               (optional)
         .ITRMAX= Max. iterations                (optional)
         .ICGR  = Starting coarse grid           (optional)
         .SRD   = Starting search radius         (optional)
         .TENS  = Internal tension (0-1)         (optional)
         .EDGCLP= Cells to extend beyond data    (optional)
```

DESCRIPTION:

decorr.gx and miclev.gx implement a procedure called micro-levelling which removes any low-amplitude component of flight line noise still remaining in airborne survey data after tie line levelling. Micro-levelling calculates a correction channel and adds it to the profile database. This correction is subtracted from the original data to give a set of levelled profiles, from which a final levelled grid may then be generated. Microlevelling has the advantage over standard methods of decorrugation that it better distinguishes flight line noise from geological signal, and thus can remove the noise without causing a loss in resolution of the data.

To microlevel data, first run decorr.gx, then miclev.gx. decorr.gx offers two options for the grid of the channel to be microlevelled. If a grid prepared from this channel already exists, it may be specified, and when prompted to overwrite, the user should

answer no. If the user wishes to prepare a new grid of the channel to be microlevelled, the minimum curvature gridding algorithm (rangrid.gx) is applied. The advanced button provides access to the standard minimum curvature gridding parameters. Once the gridding is completed, decorr.gx applies a directional high-pass filter (see end note) perpendicular to the flight line direction, in order to produce a decorrugation noise grid. (The default grid cell size is 1/5 of the line spacing. The user may specify a different cell size if desired. A smaller cell size will give a more accurate result, but a larger cell size will make the gx run faster and use less disk space.) The noise grid is then extracted as a new channel in the database (default name is "dcor_noise"). This channel contains the line level drift component of the data, but it also contains some residual high-frequency components of the geological signal. miclev.gx applies amplitude limiting and low-pass filtering to the noise channel in order to remove this residual geological signal and leave only the component of line level drift, which is then subtracted from the original data to produce a levelled output channel named "miclev".

decorr.gx calculates default amplitude limit and filter length values for use in miclev.gx, but the skilled user may be able to set better values for these parameters based on an inspection of the noise grid. (The micro-levelling process is broken up into two separate GXes in order to allow the user to do this.) Flight line noise should appear in the decorrugation noise grid as long stripes in the flight-line direction, wheras geological anomalies should appear as small spots and cross-cutting lineaments, generally with a higher amplitude than the flight line noise, but with a shorter wavelength in the flight-line direction. The user can estimate the maximum amplitude of the flight line noise, and set the noise amplitude limit value accordingly. Similarly the user can estimate the minimum wavelength of the level drift along the flight lines, and set the low-pass Naudy filter width to half this wavelength. The defaults are to set the amplitude limit equal to the standard deviation of the noise grid, and to set the filter width equal to five times the flight line spacing.

There is an option of using either of two kinds of amplitude limiting. In "clip" mode any value outside the limit is set equal to the limit value. In "zero" mode any value outside the limit is set equal to zero. The clip mode makes more sense intuitively, but it has been found in practise that the zero mode may reject geologic signal better, depending on the particular data set. As a rule the zero mode works better on datasets in which the noise grid contains a lot of high-amplitude geological signals (e.g. shallow basement areas). For datasets in which the noise grid contains mainly flight line noise (e.g. sedimentary basins), the clip mode works better.

Microlevelling applies a level correction to the traverse lines only. If it is desired to grid the tie lines together with the micro-levelled traverse lines, then it may be necessary to also apply a level correction to the tie lines so that their values agree with the micro-levelled traverse lines at the intersections. This may be done as follows:

1) Copy the tie line values to the microlevelled channel.

2) Use intersct.gx to find cross-difference values for the microlevelled data.

3) Use xlevel.gx to load these cross-difference values to the tie lines.

4) Apply fulllev.gx to the tie lines. The output will be a set of tie lines that matches the microlevelled traverse lines at all intersections.

5) Copy the microlevelled traverse line values into the same channel as the corrected tie line values.

Decorrugation Filter:

The decorrugation noise filter is a sixth-order high-pass Butterworth filter with a default cutoff wavelength of four times the flight line spacing, combined with a directional filter. The directional filter coefficient as a function of angle is F=(sin(a))^2, where a is the angle between the direction of propagation of a wave and the flight line direction,i.e. F=0 for a wave travelling along the flight lines, and F=1 for a wave travelling perpendicular to them. (Note this is the exact opposite of what is usually called a decorrugation filter, since the intention here is to pass the noise only, rather than reject it.)

The default cutoff wavelength (4 * line spacing) gives good results if the data is already fairly well levelled to start with. In cases where many lines are badly mis-levelled, it may be necessary to set a longer cutoff wavelength, at the risk of removing more geological signal.

APPENDIX G: COPY OF THE CONTRACT

New-Sense
Geophysics Limited

CONTRACT
FOR
A HELICOPTERBORNE AEROMAGNETIC AND SPECTROMETRIC SURVEY FOR ETHOS CAPITAL CORP. PROPERTY, SOUTH OF DAWSON CITY, YUKON, CANADA.

NEW-SENSE GEOPHYSICS LTD. ("NSG"), with its corporate offices at

195 Clayton Drive, Unit 11
Markham, ON, Canada
L3R 7P3

Telephone: (905) 480-1107/ (905) 480-9989
Fax: (905) 480-1207

Offers to carry out airborne geophysical services on behalf of

ETHOS CAPITAL CORP. ("Client"), with its offices at:

680 - 789 West Pender Street,
Vancouver, British Columbia, V6C 1H2
Tel: (604) 682-4750
Fax: (604) 682 4809

Email: peter@ethoscapitalcorp.com

Contact: Peter Tallman, Chief Operating Officer

in accordance with the following description, terms and conditions.

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1. COMPANY DESCRIPTION

New-Sense Geophysics (NSG) traces its history through its current founder and president Dr. W.E.S. (Ted) Urquhart. First as Urquhart-Dvorak, which specialized in processing airborne geophysical data, to High-Sense Geophysics, which became one of the largest airborne survey companies in the world, until it was purchased by Fugro of Holland in 2000, and then to Geoexplo Limitada., which specialized in airborne geophysical consulting and quality control. This sequence spans over 30 years and leads us to NSG, continuing on in the tradition of airborne survey innovation and quality airborne data acquisition.

NSG has established its HQ office in Markham, Ontario where it operates out of a new purpose-designed and constructed 3000 square foot facility. Here it designs and manufactures its own operator-less systems made 'field-bullet-proof' by engineer Glenn Slover.

The facility itself is more advanced than what may be found in leading high tech companies anywhere. It is completely wired for production with any processing station able to share information on the internal network and processors and field people in direct voice and data communication anywhere in the world. Highly secure firewall features prevent unauthorized access and fail-safe systems prevent any potential data loss through accident, intent or act of God. Clients with authorization can view the progress of their survey on a 24/7 basis.

The company has five data processing workstations with capacity to expand to twice that. A large inventory of systems and components provides for rapid remediation of field problems with the hardware should any occur. All this equipment is rigorously tested, using the built-in network and permanently installed sensors including GPS antenna signals available to each workbench.

The company works world-wide and presently has a second office of operation in Santiago Chile where equipment is maintained and processing takes place.

The company and its personnel through its many years in airborne surveying, airborne software and hardware development, and airborne survey data processing, has dealt with literally millions of kilometers of airborne data acquired in perhaps 80 countries. NSG itself has flown, processed and interpreted more than three quarters of a million line kilometers since 2005. These have been for multi-national companies (like Rio Tinto, Barrick, Teck, and BHP), to junior mining exploration companies, to governments. All have received their data on time and to their satisfaction. And in all of its history dating back 30 years, the companies owned and run by Dr. Urquhart, who developed the concept and practice of operatorless surveying, have not had a single accident …a perfect safety record.

2. SURVEY AREA

A helicopter borne magnetic and spectrometric survey is to be carried out on the Client's project areas referred to as Betty/Bridget, Hen and Wolf blocks, located approximately 130 Km south of Dawson City, Yukon, Canada (see Table 2.1-2.3 and Figure 2.1 for the blocks' coordinates and their location on a map). The survey is to be flown from the Coffee creek camp located at 597,300E / 6,977,400N WGS84, UTM Zone 7N.

Table 2.1: Betty/Bridget block coordinates

UTM Zone 7N	
WGS84_X	**WGS84_Y**
604408	6987093
606017	6988076
606597	6987183
608563	6987317
609546	6985932
615129	6986021
615219	6985619
617854	6985574
617854	6984770
619284	6984770
619284	6983922
620669	6983922
620803	6983028
627727	6983207
629737	6982715
631613	6981822
633087	6980705
637286	6979142
638314	6980035
647248	6969895
645149	6968063
644881	6968331
643585	6967259
642200	6967214
641620	6966857
637644	6966812
636572	6965830

631792	6971056
629603	6969537
629558	6968153
630407	6968197
630541	6965472
631390	6965472
631390	6958995
624153	6958950
624108	6960871
620535	6960871
620490	6958146
614861	6958146
614906	6962613
616782	6962658
616738	6974049
615755	6973960
614906	6973334
613253	6973156
611690	6973558
609635	6974630
606061	6975211
605212	6976461
605302	6978114
603470	6981107
603470	6982447
604096	6982447
604051	6982715
604408	6982960
604408	6987093

Table 2.2: Hen block coordinates

UTM Zone 7N	
WGS84_X	**WGS84_Y**
572799	7031908
578237	7034044
578820	7032458
580341	7032425
581086	7030516
581506	7030516
582542	7028023
586782	7029642
587689	7027020
587656	7026114
589372	7021873
589890	7021938
589955	7018798
587074	7018863
587009	7019802
584225	7019834
583837	7020805
582995	7020773
581733	7023653
579305	7023686
577816	7027602
576942	7027635
576101	7029448
573803	7029318
572799	7031875

Table 2.3: Wolf block coordinates

UTM Zone 7N	
WGS84_X	**WGS84_Y**
536996	6992935
541991	6992998
542006	6992744
543005	6992744
543053	6990302
544813	6990286
545162	6989716
545162	6989367
545352	6989383
545622	6988939
545622	6988463
544274	6988431
544322	6985783
537519	6985704
537487	6988384
537043	6988399
537043	6992919

Note: the survey will be flown in WGS84, World, UTM Zone 7N.

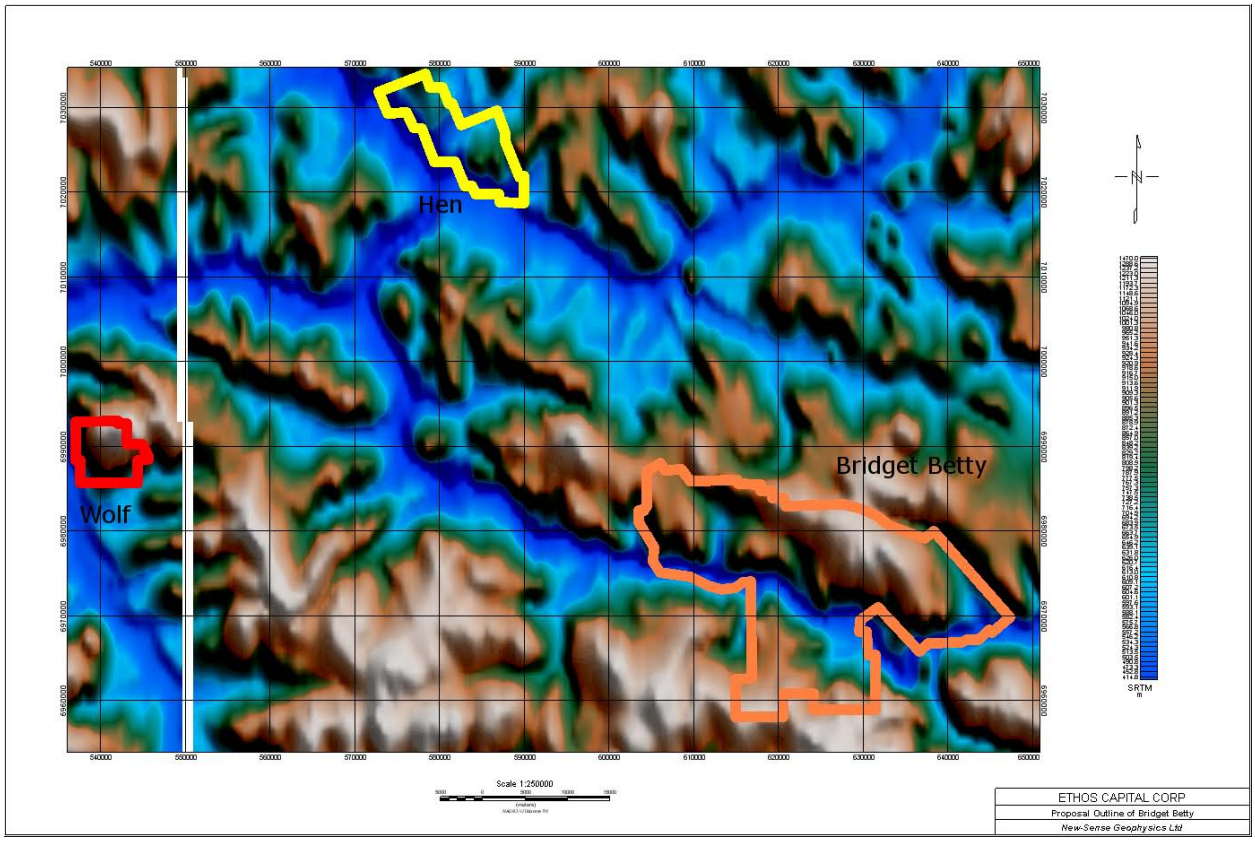


Figure 2.1 Location map showing Hen property (yellow), Wolf property (red), and Betty/Bridget (orange) depicted over Shuttle Radar Topography Mission (SRTM). Coordinate System: WGS84, World, UTM Zone 7N.

3. TECHNICAL SPECIFICATIONS FOR AIRBORNE SURVEY

3.1: Betty/Bridget block

Traverse Line Direction:	N-S
Traverse Line Interval:	100m
Control Line Direction:	E-W
Control Line Interval:	1000 m
Estimated Line KM:	6562 L/KM (Traverse)
	656 L/KM (Control)
	7218 L/KM (Total)

3.2: Hen block

Traverse Line Direction:	N-S
Traverse Line Interval:	100m
Control Line Direction:	E-W
Control Line Interval:	1000 m
Estimated Line KM:	1094 L/KM (Traverse)
	113 L/KM (Control)
	1207 L/KM (Total)

3.3: Wolf block

Traverse Line Direction:	N-S
Traverse Line Interval:	100m
Control Line Direction:	E-W
Control Line Interval:	1000 m
Estimated Line KM:	494 L/KM (Traverse)
	54 L/KM (Control)
	548 L/KM (Total)

Mean Terrain Clearance:	30m* nominal
Sampling Interval:	Magnetics 50 Hz/10Hz; Radiometric 1 Hz second
Minimum Line Length:	3 Km

*Note: The 30 meter flight height will be subject to an on-sight safety audit. In any event, the flight height will be subject to pilot safety concerns.

Actual number of survey line kilometers will be those flown and delivered that fall inside the survey boundaries as listed above.

3.4 Tolerances

3.4.1 Traverse line separation

The pilot will fly to the best of his ability to stay within no more the 50% on either side of the theoretical flight path for a distance of 1000 meters unless obstructions or topography require greater deviations for reasons of safety.

There will be no crossing flight lines unless physical obstructions or topography require such deviation for reasons of safety. Such instances will be communicated and discussed with the client representative in writing.

However, if flight-line path deviations are the result of safety concerns, local aviation authority regulations, or military requirements, NSG will not be required to fly fill-in lines.

3.4.2 Control line spacing

Control lines will be surveyed at an average interval as specified, but may be located to avoid, where possible, areas of strong magnetic gradient.

3.4.3 Flight Height

The terrain clearance will be maintained at the planned altitude of 30 meters, subject to the safety requirements, local aviation authority regulations, and/or military requirements.

3.4.4 Missing or Substandard Data

Data will be recorded digitally in the aircraft and at the ground station. Isolated errors, spikes, and short non-sequential gaps consisting of a few points, will be corrected by interpolation.

3.4.5 GPS

GPS will be used for navigation.

3.4.6 Diurnal

Magnetic diurnal activity will be monitored at the base station. If the magnetic activity exceeds 20 nT per 2 minute period, a flight will not depart until the activity has returned to levels below this rate. Once a flight has started it will not be aborted due to diurnal activity.

3.4.7 Speed

The aircraft will maintain a constant airspeed during the survey, with the exceptions where wind direction and/or intensity, or topography will make it impossible to do, while keeping the aircraft safely on line.

3.4. 8 Re-flights

Any flight lines or parts of flight lines with data outside the above tolerances will be considered for re-flights. All re-flown lines or portions of lines will be tied to the closest control lines at both ends.

4. PAST PERFORMANCE OR EXPERIENCE AND QUALIFICATIONS

4.1 Organizational experience

NSG provides high quality airborne magnetic/gradiometer and spectrometer surveys using fixed-wing and helicopter platforms. The company is owned and operated by W. E. S (Ted) Urquhart Ph.D. who was the founder and President of High-Sense Geophysics Limited that was sold to Fugro in 2000. After a five-year non-compete period, NSG was inaugurated to re-enter the airborne survey industry to carry on the tradition of providing innovative technologies focusing on collecting the highest quality airborne geophysical data in the safest possible manner.

NSG operates from two offices, one in Markham, Canada where its equipment is manufactured, tested and dispatched throughout the world; the other is in Santiago, Chile where NSG offers airborne geophysical services in Spanish to its South American clients.

NSG has performed airborne geophysical surveys in Africa, North America, Europe, the Middle East and South America. NSG has flown in excess of 700,000 line km in the last 3 years for clients such as major companies like: USGS, BHP Billiton, PG&E, Kennecott, Teck Cominco, Barrick Gold, Kinross, Gold Field, etc.

4.2 References of previous surveys

Dr. V. J. S. (Tien) Grauch, Scientist in charge, *U.S. Geological Survey*
Phone: +1 (303) 236-1393
Email: tien@usgs.gov

Donald Hinks, Project Geophysicist, *Kennecott Exploration Company*
Tel +1 (801) 204 3404
Cell +1 (801) 638 8528
Email: donald.hinks@riotinto.com

Peter Mills, BHP Billiton Ltd.
Tel: + (976) 11 323033 x103
Email: peter.j.mills@bhpbilliton.com

4.3 Qualifications of the personnel and pilots

4.3.1 NSG representative

NSG conducts surveys with an operatorless system and as a result typically sends only one field geophysicist on the job site who possesses good knowledge in not only QC/QA, data processing but in the equipment maintenance as well. At this stage it is planed that NSG representative on the job site would be Mr. Sean Plener with Mr. Andrei Yakovenko being the general project manager under the oversight of Dr. William E. S. (Ted) Urquhart

Field:

Mr. Sean Plener is a detail oriented specialist with international and domestic survey and mapping experience and a background in Physical Geography and Earth and Atmospheric Science. Sean has been working with New-Sense since 2007 on both airborne FW and Helicopter total field magnetic and radiometric surveys in different parts of North America and South America.

Geophysicist:

Mr. Yakovenko, Andrei, has been responsible for fixed wing and helicopter airborne operations including permanent, contract, and air crew supervision, logistics, data QA/QC, data processing, and reporting.

He is a tri-lingual, solutions oriented specialist with international and domestic survey and mapping experience, with a background in geology, underwater, land-based archaeology, and geophysics. Currently a Masters candidate in geophysics at McMaster University, Andrei obtained his B.Sc. (Honors) from the University of Toronto. He is skilled in geophysical data processing using Oasis Montaj and coordinating multiple airborne projects. Andrei has authored multiple scientific publications.

Office supervision:

Dr. Urquhart has over 40 years of experience in geophysics, during which time he has been involved in field surveys, operations, management, data quality, safety, data enhancement, compilation and interpretation for various projects throughout the world. Ted was an owner and president of High-Sense Geophysics Ltd. (the third largest geophysical airborne survey company in the world). He has participated in projects as diverse as oil basin studies, mineral and diamond exploration and radioactive satellite fragment recovery. Academically, Ted has conducted research (M.Sc., Ph.D., and professionally) into the correlation of magnetic anomalies with geological factors on both a large and small scale.

5. NSG'S QUALITY CONTROL

During data acquisition, the system will be monitored by the field QA/QC personnel to ensure that the equipment is secure and unchanged. If equipment has been noted to shift or a mechanical part of the aircraft has changed, another FOM will be flown.

Base station and survey flight data is collected immediately after each flight and duplicate copies made. Field staff verify completeness of flown lines, note and log any deviations from the flight path, identify (manual & 4th difference algorithm) and remove noise spikes (note: raw data is maintained), magnetic compensated channels created, daily progress report updated and posted for client, complete data set sent to NSG.

The iNAV V3 system, used for both flight and base station systems, store real time data on two independent storage media (hard disk, and a flash memory device). In the event that one of the devices fails or data were corrupted, a backup remains intact.

Post field production is done on a day-by-day basis. After the field data QA/QC process described in sections 7.4.1 and section 7.4.2, the data is sent to NSG's secure FTP. The post field QA/QC and leveling will be done by either Andrei Yakovenko or Dr. Ted Urquhart. The field staff is in contact with the in-house processor every evening to ensure data was received and to discuss previous flights. If there is an issue, the field staff can be reached by cell or satellite phone to make the necessary corrections before production continues. This immediate processing of the data to pre-final stages, benefits the client in three very important ways: First, there are multiple levels of personnel monitoring the survey data in a short period. If something is missed by the field staff, it will be caught by our in-house personnel before the survey progresses much further; second, we can update the client with current pre-final maps so areas of interest can be discussed and in-fills or re-flights can be planned before the survey lines are completed, thereby minimizing standby days; finally, the pre-final maps are ready the day after flying is completed and can be submitted for the clients approval.

The final products will be prepared as to the contract's obligations, section 8, and with Client's consent on all the data processing steps and procedures. A first version of the final products will be delivered to Client or other client representative for a review and approval.

For additional Data Processing and QA/QC information refer to the following sections regarding:

- Procedures including measures for aircraft's aeromagnetic system calibration (refer to sections 7.2.)
- Inflight data acquisition (sections 7.1 (except 7.1.4, 7.1.9, 7.1.10), 7.2, and 7.3)
- Flight path location (section 7.1.7)

- Ground magnetometer data acquisition (section 7.1.4)
- Data processing and map preparation (sections 7.4 and 8)

6. EQUIPMENT SUITABILITY AND CONTINGENCY PLAN

6.1 Availability and quality of proposed data acquisition and processing equipment

Aircraft:

A Bell 206BIII or similar helicopter provided by Northern Air Support based in Kelowna, British Columbia will be used.



The aircraft with its field crew will operate from Coffee creek camp and be using certified fuel drums for refueling at the camp site and optional designated fuel cash closer to the survey area.

The Jet fuel for the survey and its positioning will provided by the client.

The aircraft will be limited to VFR flying conditions. All other conditions will be left to the discretion of the pilot in command.

Data Acquisition:

NSG builds and maintains its own proprietary data acquisition systems known as iDAS. The iDAS system features the KroumVS Instraments KMAG4 magnetometer counter and the KANA8 analog to digital converter. The systems are built with a wide range voltage input (9V to 36V) to accommodate a variety of aircraft power supplies.

The iDAS system uses sophisticated software to provide an autonomous "Operatorless" system resulting in a SAFER survey environments by removing the need for an operator on board the aircraft.



The systems will be available within two weeks of the signing of the contract.

For the data processing NSG is using Geosoft Oasis montaj with a number of build in GX scripts.

6.2 Electronic navigation

Pilot Friendly Navigation display (PI) delivers all the navigation and control features necessary for the pilot to safely maintain the highest quality flight line specifications without additional safety risk of having an operator on board the aircraft (see also section 7.1.7).

6.3 Safety Plan

Safety is the number one priority at NSG. NSG is an active member of the International Airborne Geophysics Safety Association (IAGSA)

Prior to mobilizing to the job site, IAGSA Risk Analysis and NSG Job Safety Plan will be prepared in the Markham office. There are areas of the report that require a physical

presence on the job site (i.e. reconnaissance flight, identifying local hazards, etc.). At the job site, before each departure, the pilot will contact the local air traffic controller.

Prior to flying the first production line, a safety meeting is held by a NSG representative where each of the reports is explained to all members of the survey crew. A reconnaissance flight will then take place and the IAGSA Risk Analysis and NSG Job Safety Plan will be completed.

Every Sunday, a weekly safety meeting takes place where any and all the safety concerns and issues during the past week are brought to attention and logged to a weekly safety report.

Pilot safety is enhanced by the use of a flight following system that provides updates at 2-minute intervals on the GPS location of the aircraft. This information is monitored in real time on the internet by authorized personnel. In case of an emergency the pilot could press a “Panic Button” connected to the Flight Following and the signal will be transmitted at around 10 sec. intervals or less, which would drastically reduce the search area in a case of emergency landing.

The client will be provided with a login for real time monitoring of aircraft activities through this Flight Following System.

In addition, the Flight Following has an integrated satellite phone that is connected directly to the pilot’s headset. This minimizes any distraction to the pilot when sending or answering a call.

Prior to the flight’s departure, a NSG representative records all the information regarding the aircraft status, such as time of departure, endurance, fuel level, etc.

Once in the air, NSG representative monitors the aircraft at least once every half hour. In case of internet problems, a call will be given right away to the satellite phone integrated to the pilot’s headset and once every hour.

If the flight following signal is lost and the pilot cannot be reached by satellite phone, then NSG’s emergency response procedure is initiated (detailed in the NSG Job Safety Plan).

The aviation company will adhere to all the standards and requirements for local approved air operators.

In summary:

- NSG is active members of International Airborne Geophysics Safety association (IAGSA)

- On each job NSG completes both IAGSA Risk Analysis and NSGs Job Safety Plan forms.
- NSG conducts daily safety meetings with the crew before any flying takes place.
- A Flight Following system will accompany NSG iDAS system that provides updates on every 2 minute intervals, which could be monitored through internet access.
- In addition, the Flight Following has an integrated satellite phone that is connected directly to pilot's headset. Thus minimizing any distraction if pilot decides to send or receive a call.
- The client will be provided with a login for real time monitoring of the helicopter activities through the flight following system.

6.4 Safety Record

No accidents or near accidents have ever occurred at NSG. Since its inception, the company has flown over 45 magnetic and/or radiometric surveys totaling well over half a million line kilometers without an accident.

In addition, High-Sense Geophysics formed in 1993, owned by NSG president Dr. Ted Urquhart, also had an accident-free history. High-Sense rose to become one of the world's largest airborne survey contractors and had met and exceeded the rigorous safety standards of BHP, Shell, and Phillips, among others. It had performed surveys without incident or accident in difficult areas including Vietnam, China, Mongolia, Mauritania, Democratic Republic of the Congo, Brazil, and Sudan.

7. TECHNICAL APPROACH

7.1 AIRBORNE AND GROUND INSTRUMENTATION

7.1.1 Aircraft Type

The aircraft allocated to conduct this survey is a JetRanger 206BIII helicopter (or different see Section 6.1) with a fix mount stinger assembly with a Cesium magnetometer mounted in it.

7.1.2 Geophysical Flight Control System

A geophysical flight control system, designed and built by NSG will be provided. This system will control, monitor and record the operation of all the geophysical and ancillary sensors.

7.1.3 Airborne Magnetometer



The magnetometers will be cesium sensors, operated in strap down tail stinger mount. The orientation of the sensor is adjustable, to provide optimum coupling with the earth's field on reciprocal headings. The magnetometer has a sensitivity of better than 0.01 nT at a sampling interval of 0.1 s. The magnetometer has the capability to measure ambient magnetic fields in the range of about 100 to more than 100,000 nT.

The airborne magnetometer is supplemented with an 18-term digital compensation system that uses the input from a 3-axis fluxgate to determine the aircraft's attitude and rate of change with respect to the earth's magnetic field. The compensation system identifies the permanent, induced and eddy current magnetic

contributions of the aircraft and provides a correction to be applied to the raw magnetic data to remove the maneuver noise.

A FOM will be calculated by summing the absolute errors of each of the 12 maneuvers and will be less than 3 nT.

7.1.4 Ground Magnetometer



Scintrex Cesium CS3 or GSM19 Proton magnetometers will be operated at the base of operations within or near the survey area in an area of low magnetic gradient and free from cultural noise. The sensitivity of the ground magnetometer will be equal to better than 0.1 nT. Data will be recorded continuously every 1 second (or a rate defined by the client) throughout the survey operations in digital form. Both the ground and airborne magnetic readings are automatically time stamped with GPS time to within 0.005 seconds ensuring a very high degree of correlation based on broadcast GPS satellite time.

7.1.5 Radar Altimeter



A Terra 3500 radar altimeter will be operated in the aircraft throughout the survey to provide ground clearance information. The altitude will be recorded every 0.1 second or better. This instrument has a linear performance over the range of 0 to 2500 feet.

7.1.6 Fluxgate Magnetometer



To achieve quality compensation NSG uses a Bartington Mag-03 Three Axis Magnetic Field Sensors. These compact, high performance fluxgate magnetometers with integral electronics provide reliable precision measurements of static and non-static magnetic fields in three orthogonal axes. The magnetometer is mounted inside the stinger assembly.

7.1.7 GPS Navigation

A 16-channel GPS navigation system will be used for navigation and flight path recovery. The Ublox RCB-LJ GPS receiver board is powered by the ANTARIS® positioning engine.

The leading ANTARIS® GPS Engine provides excellent navigation performance under dynamic conditions in areas with limited sky view like urban canyons, high sensitivity for weak signal operation without compromising accuracy, and support of DGPS and multiple SBAS systems like WAAS and EGNOS. The 16 parallel channels and 8192 search bins provide fast start-up times. The aiding functionality accelerates start-up times even further. The low power consumption and FixNow™ power saving mode make this product suitable for handheld and battery-operated devices.

7.1.8 Spectrometer



The RS-500 Airborne Spectrometer with RSX-5 detector pack, manufactured by Radiation Solutions Inc. (RSI), will be used for the survey. The RS-500

spectrometer has a multi-peak gain stabilization algorithm and is capable of recording 1024 channels with accuracy of 0.1 to 10 counts/second.

The RS-500 is connected to a crystal pack comprising four downward looking crystals (16 liters total) and one upward looking crystal (4 liters total). The downward crystals record the radiometric spectrum from 410 KeV to 2810 KeV over 1024 discrete energy windows, as well as from a cosmic ray channel that detects photons with energy levels above 3.0 MeV. From these 1024 channels, the standard Total Count, Potassium, Uranium and Thorium channels are extracted. The upward crystal is used to measure and correct for atmospheric Radon interference. The shock-protected Sodium Iodide (Thallium) crystal package is unheated and automatically stabilizes with respect to the multiple peaks. The RS-500 provides raw data that has been automatically corrected for gain, base level, ADC offset, and dead time.

A resolution test will be performed before the first and after the last flight each day in order to monitor sensitivity and resolution of the crystal pack.

7.1.9 Field Data Verification System

NSG will provide a complete PC based magnetic map compilation facility, to serve as a field verification system The PC computer based system is equipped with all the software necessary to produce preliminary data images in the field. Data will be provided to the client in a Geosoft format.

The digital data records will be verified at the project site to confirm that data recording has taken place within specifications. All raw digital data recorded in flight and on the ground station magnetometer will be duplicated on site to prevent loss, and stored in separate locations.

In the base where there is e-mail connection, data will be sent on a daily basis for further examination in the head office where areas of infill will be chosen.

7.1.10 Flight Following System

NSG places the highest priority on safety and uses satellite tracking and communication technology to monitor all its survey flights. The aircraft will be equipped with Latitude Technologies Skynode S200, a system that includes satellite phone, flight tracking, and messaging transceiver. This system uses the Iridium satellite network, which provides both voice and data communications between the aircraft and ground stations.

The S200 system can be set up for different time frames; it now automatically updates its position at least once every 2 minutes allowing NSG's field or office staff to monitor the progress of the survey flights. All flight staff are trained in the use and the operation of the S200 system.

During the survey, if the pilot experiences any problems with operation of the survey equipment or encounters any other difficulties, he/she can call the field or office staff for support through the satellite phone, which is integrated into the pilots head set. In the event of flight operations problems, field staff can often troubleshoot and correct difficulties allowing survey flights to continue uninterrupted.

In the event of an emergency the pilot may press the "Panic Button" which will cause the system to immediately transmit the location and heading of the aircraft and will continue to transmit the current position of the aircraft continuously at around 10 sec. intervals until the emergency system is turned off.

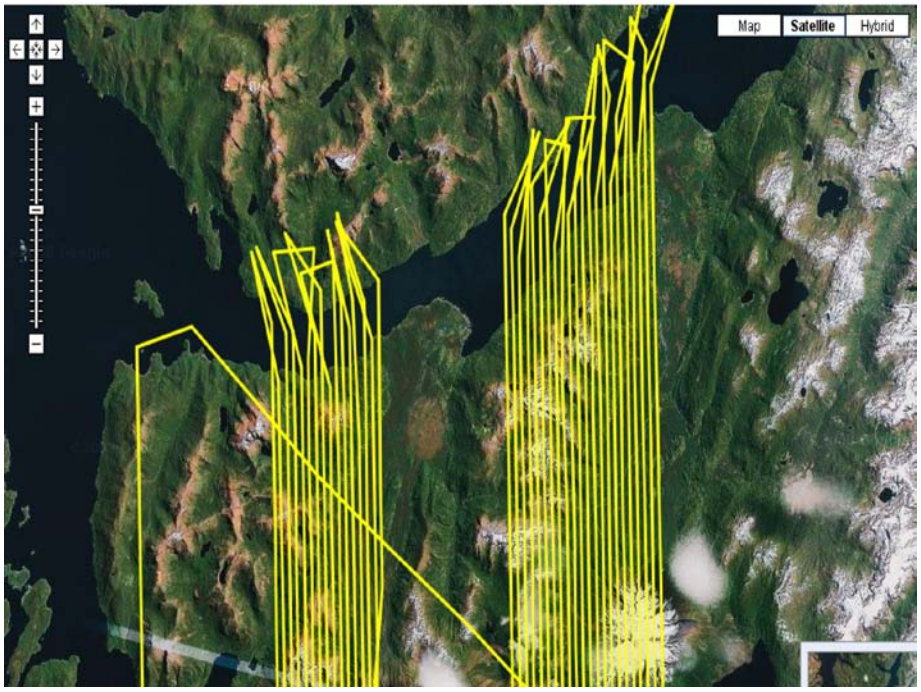


Figure 7.2 Screenshot of Flight Following Through Internet Web Browser

7.2 INSTRUMENT CHECKS AND CALIBRATIONS

Failure to meet the specifications in any check or calibration test will be cause for corrective action by NSG or approval of the Client before survey operations can be undertaken.

7.2.1 Magnetometer

Figure of Merit (FOM)

A test will be flown on-site prior to the survey to determine the FOM of the installed magnetometer. The system will be flown on the four cardinal headings doing a pitch, roll, and yaw, maneuver on each. The FOM will be calculated by summing the absolute errors of each of the 12 maneuvers and will be less than 3 nT.

7.2.2 Altimeter

Checks of the radar altimeter calibration will be undertaken above the base airstrip or some other suitable location with known elevation and flat terrain.

7.2.3 Radiometric

7.2.3.1 Pre-survey Spectrometer Calibrations and Tests

Calibration of the spectrometer system is a vital process to airborne radiometrics or airborne gamma-ray spectrometry. The calibration of the spectrometer system involved three tests:

- Calibration Pad measurements, which are used to determine the "spectral overlap" (Compton scattering) coefficients. The calibration test is performed within a 12 month period before and/or during the survey by the manufacturer, Radiation Solutions Inc., at its headquarters location in Mississauga, Ontario.

- Cosmic Flight Test, which is used to determine the aircraft background values and cosmic coefficients. A series of high altitude test lines (e.g., 8,000 ft, 9,000, ft, 10,000 ft, and 11,000ft (if capable) above sea level) will be flown in the vicinity of the survey areas.

- Height Attenuation Test, which determines the altitude attenuation coefficients. A series of test lines (e.g., 50 ft, 100, ft, 150 ft, 200, ft, 250 ft, 300 ft, 400, 600 ft, 800 ft, and 1000 ft above ground) over dry and flat ground, will be flown in the vicinity of the survey areas.

7.2.3.2 During-Survey Spectrometer Calibrations and Tests

7.2.3.2.1 Radon Correction Test Line

The determination of calibration constants that enable the stripping of the effects of atmospheric radon from the downward-looking detectors through the use of an upward looking detector is divided into two parts:

1) Determining the relationship between the upward and downward looking detector count rates for radiation originating from the ground.

2) Determining the relationship between the upward and downward looking detector count rates for radiation due to atmospheric radon.

The procedures to determine these calibration factors are documented in IAEA Report #323 on airborne gamma-ray surveying. The calibrations for the first part will be determined as outlined in the report.

The latter case normally requires many over-water measurements where there are little to no contributions from the ground. Where this is not possible, it is standard procedure to establish a test line/spot over which a series of repeat measurements are acquired.

A test area will be established over a flat ground near the base of operation. Each day when flying takes place the aircraft will hover over the test area for 5 min in order to collect data that later could be used to estimate atmospheric radon fluctuations.

7.2.3.2.2 Resolution Daily Tests

The usual measure of the energy-resolution of a spectrometer system uses the “full width at half maximum (FWHM)” of a photo-peak. This is the width of the peak at half the maximum amplitude divided by the energy of the photo-peak.

The overall system resolution based on the Th photo-peak at 2.61 MeV should always be better than 7% on all downward looking

crystals. If the resolution changes by more than 1% (eg, 4% to more than 5%) from that measured at the start of the survey, flying operations will be ceased until the source of the problem is found and rectified.

This test is not required with the RS-500 system and will only be performed at the Clients request and upon availability of Th source material.

7.3 DATA RECORDS

7.3.1 Digital Records

The airborne data acquisition system will record the following information digitally in a format that enables the recording of each variable over its full dynamic range:

Fiducial count
GPS UTC time
GPS latitude, longitude, UTM easting, northing and elevation above ellipsoid
Raw magnetic total field
Calibrated radar altimeter output
Three Fluxgate channels
Raw Potassium counts
Raw Thorium counts
Raw Uranium counts
Raw upward-looking Uranium counts
Raw Total Count
Raw Cosmic counts
Live Time
Downward Spectrum

The base station will record the following information digitally in a format that enables the recording of each variable over its full dynamic range.

GPS time (used as fiducial number)
GPS raw satellite range information
Raw magnetic total field

All survey parameters including raw magnetic total field, electronic positioning, radar altimeter, and time and fiducial markers will be recorded digitally during

data acquisition in flight. The magnetic base station will record total magnetic field and GPS time.

The data acquisition system organizes the data in a form directly suited to building the processing database. This digital file structure has for each traverse and control line a unique line number and segment number. The base station magnetic profile and GPS coordinates are added to the database using GPS time for alignment.

7.4 DATA COMPILATION AND MAP PRESENTATIONS

The NSG Field-Mapper PC based computer compilation system will be used to process the collected geophysical data on-site as the survey progresses. The 'on-site' processing will enable the Client to review the magnetic data to evaluate targets to make a qualified decision regarding any changes to the survey quantity and size. This will allow the selection of “in-fill” or area extensions. The preliminary data will be sent via FTP site (assuming reasonable speed internet connection is available) for the client’s review at least once a week (more often should the client require).

7.4.1 Magnetic

7.4.1.1 Field Data Processing

After collecting flight and base station data, flight data will be imported to Oasis montaj using a NSG template that includes all project data channels. Next flight data will be windowed to only include flight path data within the survey block using custom NSG script that will be developed for the Woodjam survey area.

Magnetic flight data from the tail will then be duplicated to ensure original raw data is not modified in any way. Profiles for the duplicated channels are then checked for visible noise spikes. Any noise spikes are then cleaned manually and interpolated. From there, field staff will run an automated script that will look for any missed noise spikes. This automated script employs a 4th difference algorithm to identify noise spikes in magnetic data. After other channels (radio altimeter, flux gate profiles etc.) are inspected for normal behavior that database is prepared for magnetic compensation. Using QC Tools, compensation coefficients are applied to the cleaned magnetometer channel and the database is saved.

From here, NSG staff will import base station data into Oasis montaj using a NSG template. Base station data is duplicated to maintain a raw channel and then checked for visible noise spikes. After noise spikes have been removed and interpolated, a 101 (or other job specific) low pass filter is applied to base station magnetic channel and the database is saved.

Next, the flight and base station databases are merged, synchronized (using the GPS clock channel recorded by both systems), compressed, encrypted and sent to NSG's secure server in Toronto, for in-office QA/QC and processing procedure.

NSG field staff from there will updated and complete all daily logs (weekly progress report, daily procedures checklist, weekly summary meeting etc.).

7.4.1.2 Post-Field

As the data being received from the field on day-to-day basis it is reviewed for QA/QC once again to insure that nothing got missed in the field. The data is checked for quality of magnetic signal from all sensors, including the base station magnetometer, fluxgate magnetometer, radar altimeter, line deviations etc. The profiles of the above data are plotted and checked on line-by-line basis. Algorithms like 4th-difference are used to check the CS3 signal.

After the data has been QA/QC checked it is merged with an ongoing master database. Where the following data processing steps take place:

1) Diurnal correction - subtracted directly from the aeromagnetic measurements to provide a first order diurnal correction. The mean of base station readings is added back to the data.
2) Heading error correction - using pre-constructed heading table.
3) Lag correction – to correct for sensor-to-GPS offset.
4) Simple Leveling - a survey line/control line network will be created in order to determine differences in magnetic field at the line intercepts. The differences will be calculated and tabulated, then used to guide subsequent manual leveling on any lines or line segments which required adjustments. See image below for an example of contour Total Magnetic Intensity (TMI) map produced after Simple Leveling was applied.
5) Microleveling – depending on the Simple Leveling results a Microleveling might be needed in order to further correct the data for linear line-to-line noise. The technique used will be the one developed by Paterson, Grant &

Watson Limited and available through Geosoft Oasis montaj with the mutually accepted parameters.

6) IGRF correction - The total field strength of the International Geomagnetic Reference Field (IGRF) 2005 model will be calculated for every data point, based on the spot values of latitude, longitude and GPS altitude, using the 2005 model. This IGRF will be removed from the measured survey data on a point-by-point basis. The mean of IGRF readings is added back to the data.

7.4.1.3 Magnetic data filtering and gridding

A small (e.g., 7-11 Low Pass or 11-21 points cosine at 10Hz data) filter may be applied on the raw data to smooth out some small high frequency noise.

The TMI grid will be produced using bi-directional gridding technique, with 20 m cell size (or other suitable size depending on liner spacing) and Akima spline across and down lines.

7.4.2 Radiometric

7.4.2.1 Field Data Processing

After collecting flight data, the radiometric data will be imported to Oasis montaj using a NSG template that includes all project data channels. Next flight data will be windowed to only include flight path data within the survey block. After, an in house-developed radiometric processing GX will be run on the database, which will apply the following corrections:

7.4.2.1.1 Pre-filtering

The cosmic and radar altimeter channels will be processed with a 10-20 point and 5 point low pass filter respectively to remove spikes.

7.4.2.1.2 Live Time correction

All the elements including upward looking Uranium and Total Count will be corrected for Live Time using the following formula:

Clt = Craw x (1000/LT)

Where:

- *Clt* is the live time corrected channel
- Craw is the raw channel
- LT is the Live Time channel

7.4.2.1.3 Aircraft and Cosmic Background

Aircraft background and cosmic stripping corrections will be applied to the Total Count, Potassium, Uranium, Thorium and upward Uranium channels using the following formula:

$$Cac = Clt - (ac + bc \times Cosf)$$

Where:

- *Cac* is the background and cosmic corrected channel
- *Clt* is the live time corrected channel
- *ac* is the aircraft background for this channel
- *bc* is the cosmic stripping coefficient for this channel
- *Cosf* is the filtered cosmic channel

All negative counts after this correction step will be replaced with zeroes.

7.4.2.1.4 Radon Correction

Note: no radon corrections will be applied during the survey. The following is the radon correction description that will be applied after the survey is completed. Until then the various radon coefficients and constants will simply be replaced with 0.

The background and cosmic corrected Thorium, Uranium and upward Uranium data for each line will be smoothed with Hanning filter to produce Thf, Uf, and uf respectively. The radon component in the downward uranium window will then be determined using the following formula:

$$Ur = (uf – a1 \times Uf – a2 \times Thf + a2 \times bth – bu)/(au – a1 – a2 \times ath)$$

Where:

- Ur is the radon component in the downward uranium window
- uf is the filtered upward uranium
- Uf is the filtered uranium
- Thf is the filtered thorium
- a1, a2, au and ath are proportionality factors and
- bu and bth are background constants

The effects of radon in the downward uranium are removed by directly subtracting Ur from Uac. The effects of radon in the Total Count, Potassium, Thorium and upward Uranium are then removed based upon previously established relationships with Ur. The corrections are applied using the following formula:

$$Crc = Cac - (ac \times Ur + bc)$$

Where:

- Crc is the radon corrected channel
- Cac is the background and cosmic corrected channel
- Ur is the radon component in the downward uranium window
- ac is the proportionality factor and
- bc is the background constant for this channel

All negative counts after this correction step will be replaced with zeroes.

7.4.2.1.5 Compton Stripping

Following the radon corrections for Uranium and Total Count, the potassium, uranium and thorium will be corrected for spectral overlap. First the stripping ratios α, β, and χ were modified according to altitude. Then an adjustment factor based on the reversed stripping ratio (a), uranium into thorium, was calculated.

$$\alpha h = \alpha + hef \times 0.00049$$

$$\beta h = \beta + hef \times 0.00065$$
$$\chi h = \chi + hef \times 0.00069$$

Where:

- α, β, χ are the Compton stripping coefficients
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- hef is the height above ground in meters

The stripping corrections are then carried out using the following formulas:

$$ar = \frac{1}{1 - a\alpha h}$$

$$Th_c = (Th_{bc} - aU_{rc}) \times ar$$

$$U_c = (U_{rc} - Th_{bc}\alpha h) \times ar$$

$$K_c = K_{bc} - \beta h Th_c - \chi h U_c$$

Where:

- U_c, Th_c, and K_c are corrected Uranium, Thorium and Potassium
- $\alpha h, \beta h, \chi h$ are the height corrected Compton stripping coefficients
- U_{bc}, Th_{bc}, and K_{bc} are background and cosmic corrected Uranium, Thorium and Potassium
- ar is the backscatter correction
- a is the reverse stripping ratio U into Th

All negative counts after this correction step will be replaced with zeroes.

7.4.2.1.6 Attenuation Corrections

The Total Count, Potassium, Uranium and Thorium data will then be corrected to a nominal survey altitude according to the equation:

$$Ca = C \times e^{-\mu(h0-h)}$$

Where:

- Ca is the output altitude corrected channel
- C is the input channel
- μ is the attenuation correction for that channel
- h is the radar altimeter height, in metres
- $h0$ is the nominal survey altitude used as datum

All negative counts after this correction step will be replaced with zeroes.

7.4.1.3 Office Data Processing

All of the above calibration procedures, tests and corrections applied in the field will be reviewed for QA/QC by assigned office QA/QC and data processing person.

7.4.1.4 Radiometric grids

Grids of Potassium, Thorium, Uranium and Total Count will be produced using bi-directional gridding technique, with 20 m cell size (or other suitable size) and Akima spline across and down lines.

8. FINAL PRODUCTS

The following is the list of items that will be delivered to the Client:

Hard copies (2 copies):

- Ternary map of Th, U and K (1:50,000 scale)
- Map of Potassium (1:50,000 scale)
- Map of Thorium (1:50,000 scale)
- Map of Uranium (1:50,000 scale)
- Map of Total Count (1:50,000 scale)
- Map of Total magnetic Intensity (1:50,000 scale)
- Final Logistics Report

Soft copies (2 copies):

- Ternary map of Th, U and K at 1:50,000 scale
- Grid and map of Total Magnetic Intensity at 1:50,000 scale
- Grid and map of Potassium counts at 1:50,000 scale
- Grid and map of Thorium counts at 1:50,000 scale
- Grid and map of Uranium counts at 1:50,000 scale
- Grid and map of Total Count at 1:50,000 scale
- Final Logistics Report
- Radiometric data database in Geosoft gdb format including all raw data and height corrected Potassium, Thorium, Uranium, and Total Count
- Magnetics data database in Geosoft gdb format including raw data, base station, compensated, base station corrected, IGRF corrected, heading corrected, lag corrected, simple leveled, and microleveled (optional) total field.
- Database and channel descriptions file in Excel format
- Weekly and Line Progress report

9. TIME SCHEDULE

The project is scheduled to start at the end of June or beginning of July 2011. In any event, NSG will require 2 to 3 weeks after the signing of the contract in order to make equipment and staff available and insure successful permitting.

10. TERMINATION

In the event that the geophysical platform or equipment becomes inoperable, NSG will proceed with diligence to rectify the problem within a reasonable period of time. If within the aforementioned period of time NSG fails to rectify the problem, the Client may, at their discretion, terminate the work under this Proposal in full or in part. In the event of such termination, the Client shall be obliged to pay NSG for services rendered only up to the date of receipt of a written notice of such termination and for documented expenses incurred by NSG prior to the date of receipt of termination notice, and for reasonable cancellation and demobilization costs.

11. LOCAL LICENSES, PERMITS AND CUSTOMS

Client will take the responsibility for obtaining all local licenses and permits required to perform the services. Out of pocket costs for permitting will be reimbursed by the client.

12. CHARGES

Betty/Bridget Block:	
Survey and Map Production*	CAD $49.78 L/KM
Hen Block:	
Survey and Map Production*	CAD $67.42 L/KM
Wolf Block:	
Survey and Map Production*	CAD $84.50 L/KM
Mobilization/De-mobilization to project:	CAD $ 9,500.00

There will be no standby charge for the first four days when surveying cannot be accomplished due to any reason outside control of NSG. A standby of $1,350.00/day will be charged for all consequent standby days.

Note: These prices are net of all local taxes (e.g., GST or HST if applicable).

* The line km rate is based on the condition that client provides jet fuel for the helicopter, reasonable accommodation, meals, and communication at the Coffee creek camp (597,300E / 6,977,400N WGS84, UTM Zone 7N).

13. GENERAL CONDITIONS

NSG will carry out the agreed services in a proper and workmanlike manner with a high standard of safety and in accordance with the laws, rules and regulations applicable to the project location.

At all times during the term of this Proposal, the NSG or its subcontractors shall carry and maintain at its own expense, work insurance protection of the kinds and in the minimum amounts set forth below:

13.1 NSG Liability Insurance

- Employer's Liability and Workmen's Compensation insurance to cover employees furnished by NSG including:

  (a) Statutory Workmen's Compensation benefits in compliance with the laws of the state, province or country in which the aircraft operations under this Proposal will be performed;

  (b) Employer's Liability to have limits of not less than $5,000,000 per person, and $5,000,000 per accident;

  (c) Employer's Liability applicable to all provisions outlined above with limits not less than $5,000,000 each person, $5,000,000 each occurrence.

- Comprehensive General Liability Insurance. Such insurance shall cover all operations in all provinces, states and countries in which the aircraft operation or services may be performed by NSG hereunder and shall include the following:

  (a) Limits of liability: not less than $5,000,000 for death or injury of any one person, $5,000,000 in the aggregate for all persons injured or killed as the result of any one accident, and $5,000,000 for loss of or damage to property resulting from any one accident.

  (b) Contractual liability coverage for NSG's obligations hereunder;

14. PAYMENT TERMS

Total estimated cost:

Mobilization/De-mobilization to project:	CAD$ 9,500.00
Betty/Bridget block Survey and Map Production: (~7,218 Km @ $ 49.78 L/Km)	CAD$ 359,312.04 L/KM
Hen block Survey and Map Production: (~1,207 Km @ $ 67.42 L/Km)	CAD$ 81,375.94 L/KM
Wolf block Survey and Map Production: (~548 Km @ $ 84.50 L/Km)	CAD$ 46,306.00 L/KM
Estimated Total:	CAD$ 496,493.98

Note: These prices are net of all local taxes; client provides jet fuel for the helicopter, accommodation, meals and communication at the Coffee creek camp site.

Payment Schedule

An initial payment, due on signing:	20% of selected survey Plan price
A second payment, on the mobilization to the job site:	30% of selected survey Plan price
Third payment, due on completion of flying:	40% of selected survey Plan price
On delivery of final maps and reports:	Balance

Note: These prices are net of all local taxes.

All invoices are due and payable upon submission at the Client's address indicated in Section 1 of this Survey Agreement. A service charge of 0.4 % per week on unpaid balance is payable on all overdue accounts.

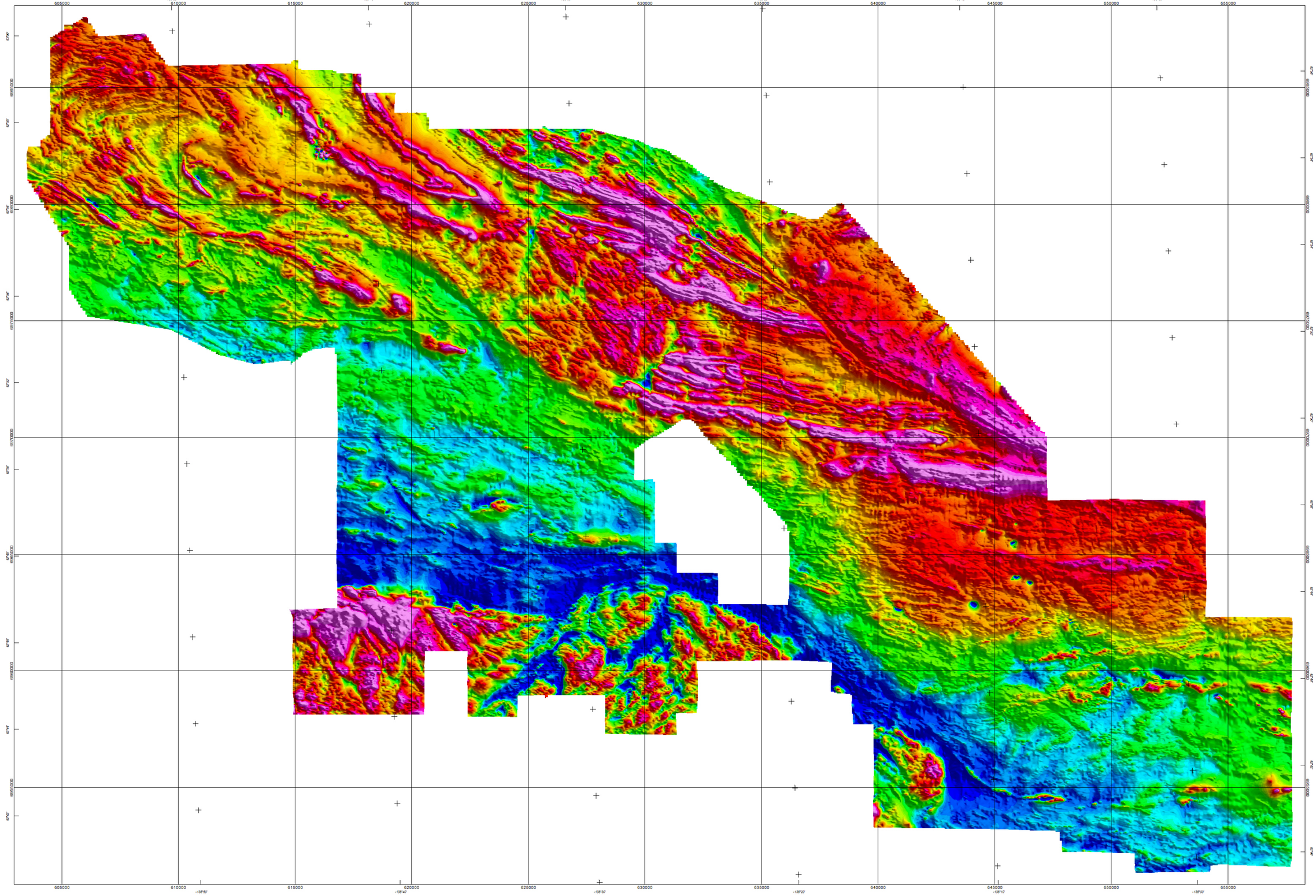
The payment schedule is subject to negotiation should the proposed schedule not conform to the client's norms and regulations.

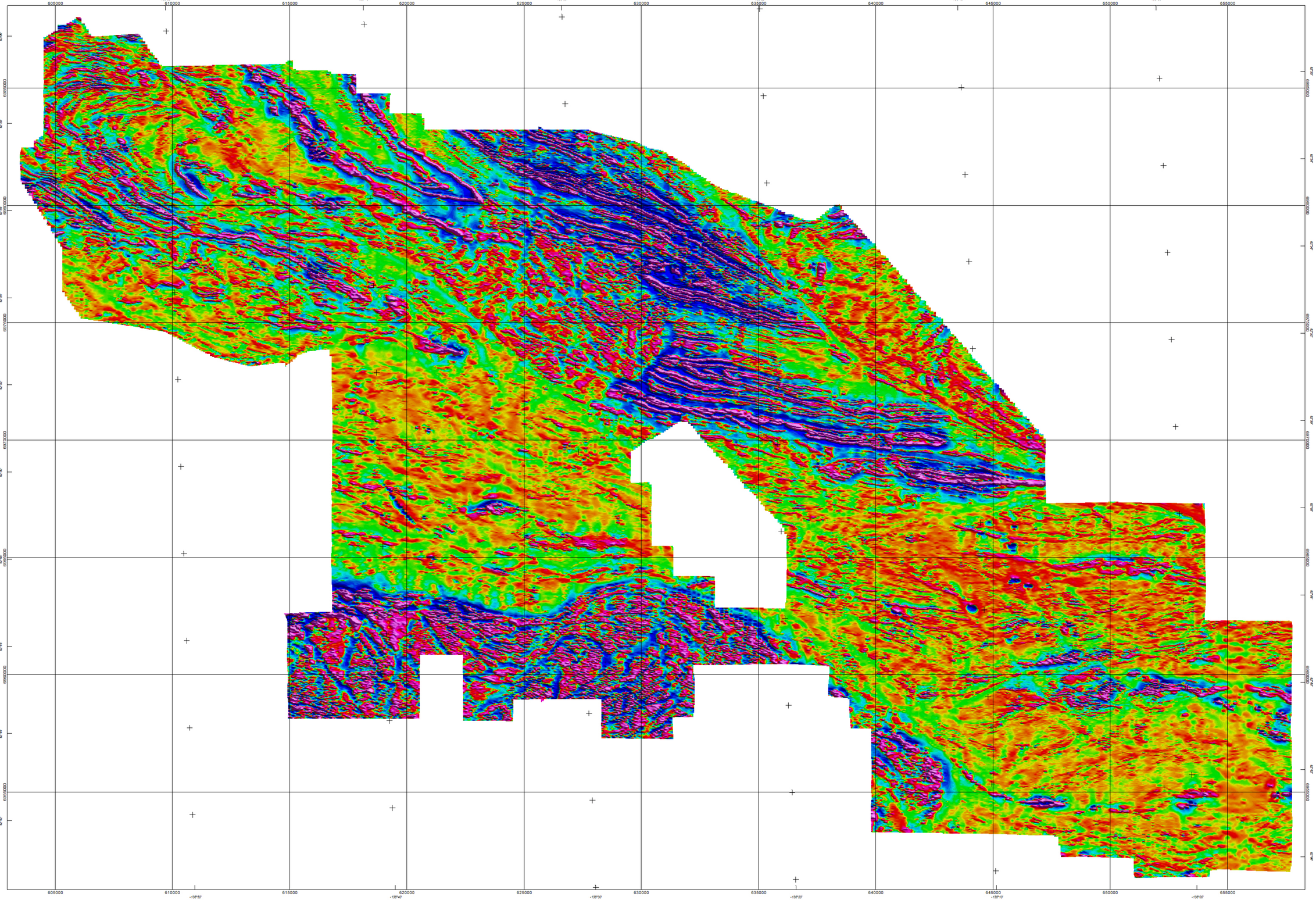
Funds will be paid by wire transfer to:

In CAD Funds

Beneficiary:	New-Sense Geophysics Limited
Bank:	The Bank of Nova Scotia
Account #:	02011
Transit #:	11452
Institution Code:	002
Swift:	NOSCCATT
ABA Routing:	026002532
Address:	880 Eglinton Avenue E. at Laird Drive
	Toronto, Ontario, M4G 2L2, Canada

NEW-SENSE GEOPHYSICS	ETHOS CAPITAL CORP.
Name (print): Andrei Yakovenko	Name (print): Peter Tallman
Title: V.P. Operations	Title: Chief Operating Officer
Date: June 7, 2011	Date: June 15, 2011
Signature:	Signature:


605000
610000
615000
620000
625000
630000
635000
640000
645000
650000
655000
-138°50'
-138°40'
-138°30'
-138°20'
-138°10'
-138°00'
6980000
6975000
6970000
60475.7
57543.7
57446.8
57404.8
57379.1
57361.1
57346.8
57336.5
57327.4
57319.4
57311.6
57303.6
57296.6
57287.5
57279.5
57271.3
57263.3
57255.6
57248.2
57240.5
57232.0
57223.9
57215.1
57205.5
57195.4
57186.3
57177.6
57170.3
57160.6
57157.4
57151.1
57145.5
57139.9
57134.4
57128.7
57121.0
57109.9
57096.4
57075.4
56267.6
TMI
(nT)
Scale 1:50000
1000 0 1000 2000 3000
(metres)
Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 20 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg, CCW from X): 0
Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north
Average Sample Interval: 3.4 m/sample (10Hz);
Average Sensor Height From Ground: 38 m
ETHOS CAPITAL CORP.
Helicopter Borne Aeromagnetic and Spectrometric Survey
Betty_Bridget_Haynes (BBH) Block
Total Magnetic Intesity (TMI) Map
Dates Flown: July 8 - Agust 12, 2011
New-Sense Geophysics Ltd.



Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 20 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

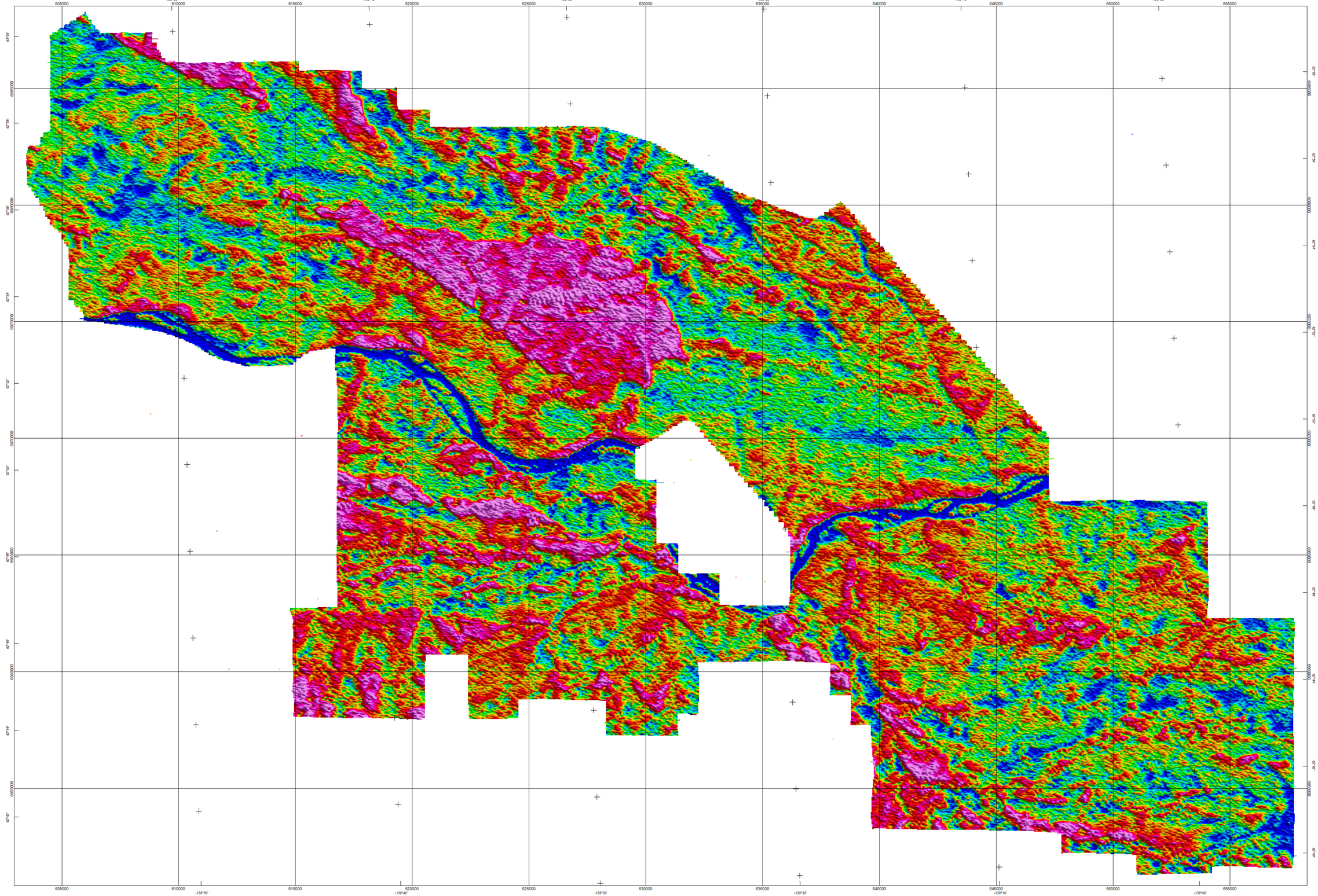
Average Sample Interval: 3.4 m/sample (10Hz);
Average Sensor Height From Ground: 36 m

ETHOS CAPITAL CORP.

Helicopter Borne Aeromagnetic and Spectrometric Survey
Betty_Bridget_Haynes (BBH) Block
1st Order Vertical Derivative (VDV) Map

Dates Flown: July 8 - Agust 12, 2011

New-Sense Geophysics Ltd.



Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 30 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

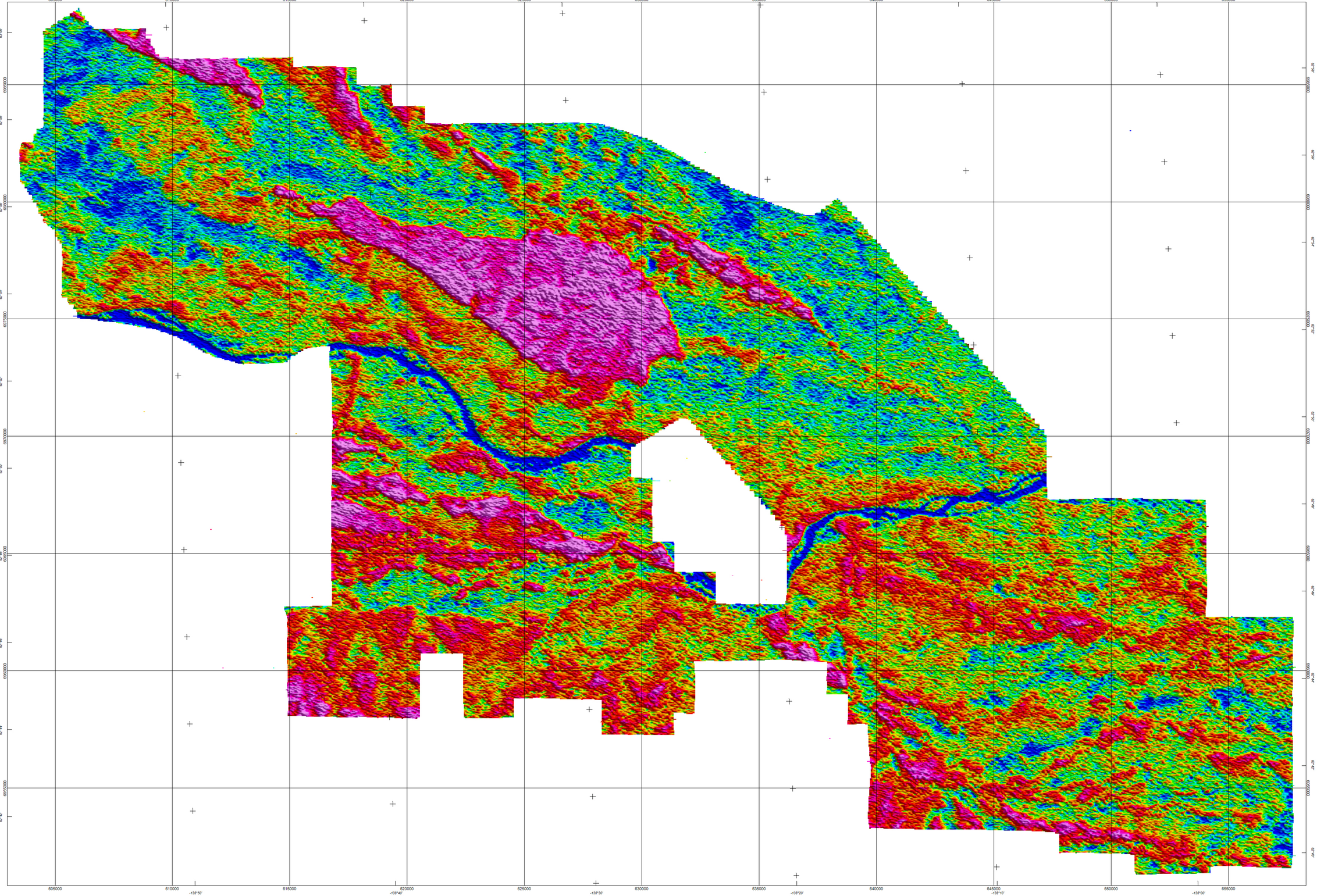
Average Sample Interval: 34 m/sample (1Hz);
Average Sensor Height From Ground: 36 m

ETHOS CAPITAL CORP.

Helicopter Borne Aeromagnetic and Spectrometric Survey
Betty_Bridget_Haynes (BBH) Block
Potassium (K) Map

Dates Flown: July 8 - Agust 12, 2011

New-Sense Geophysics Ltd.



Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 30 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

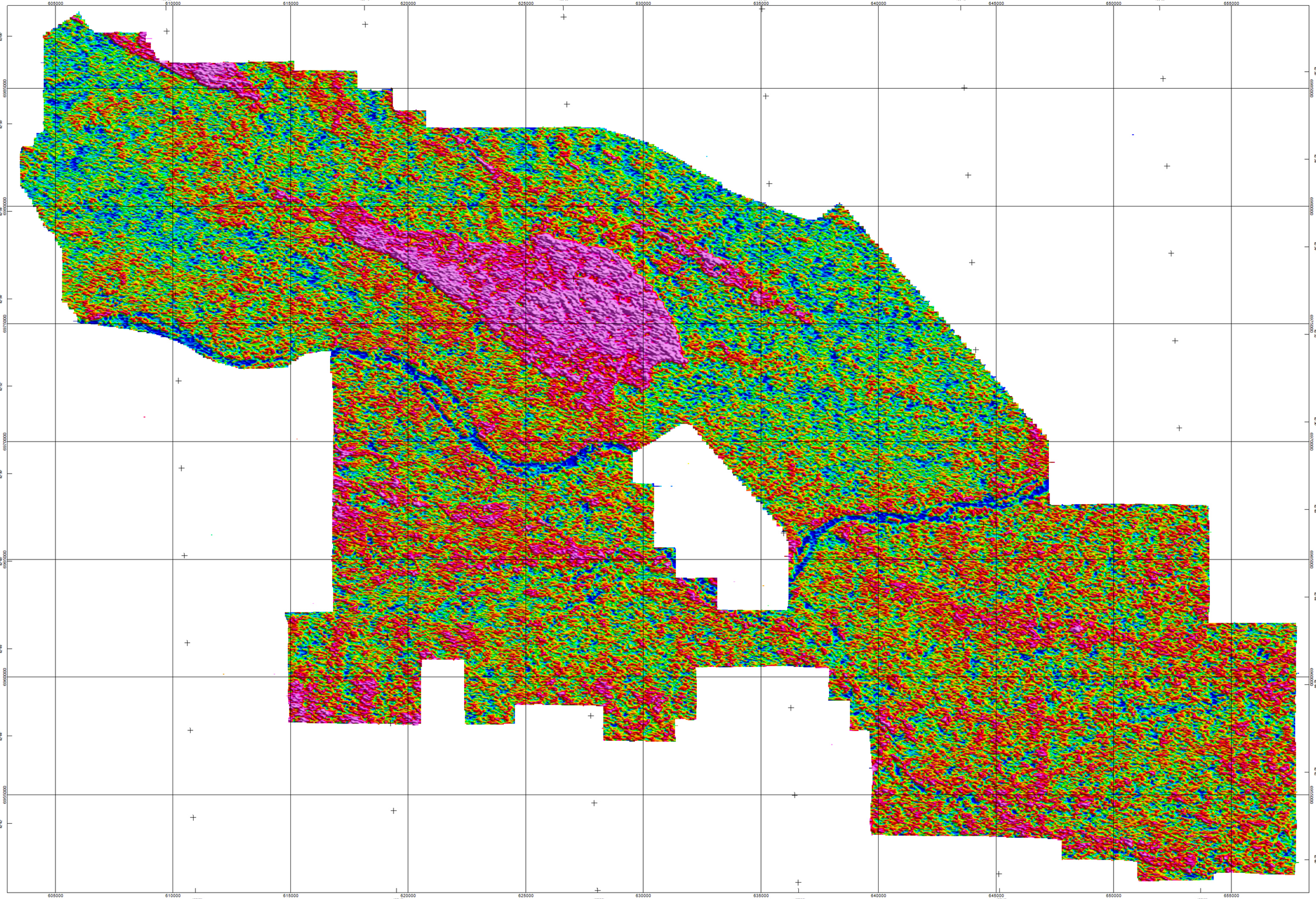
Average Sample Interval: 34 m/sample (1Hz);
Average Sensor Height From Ground: 36 m

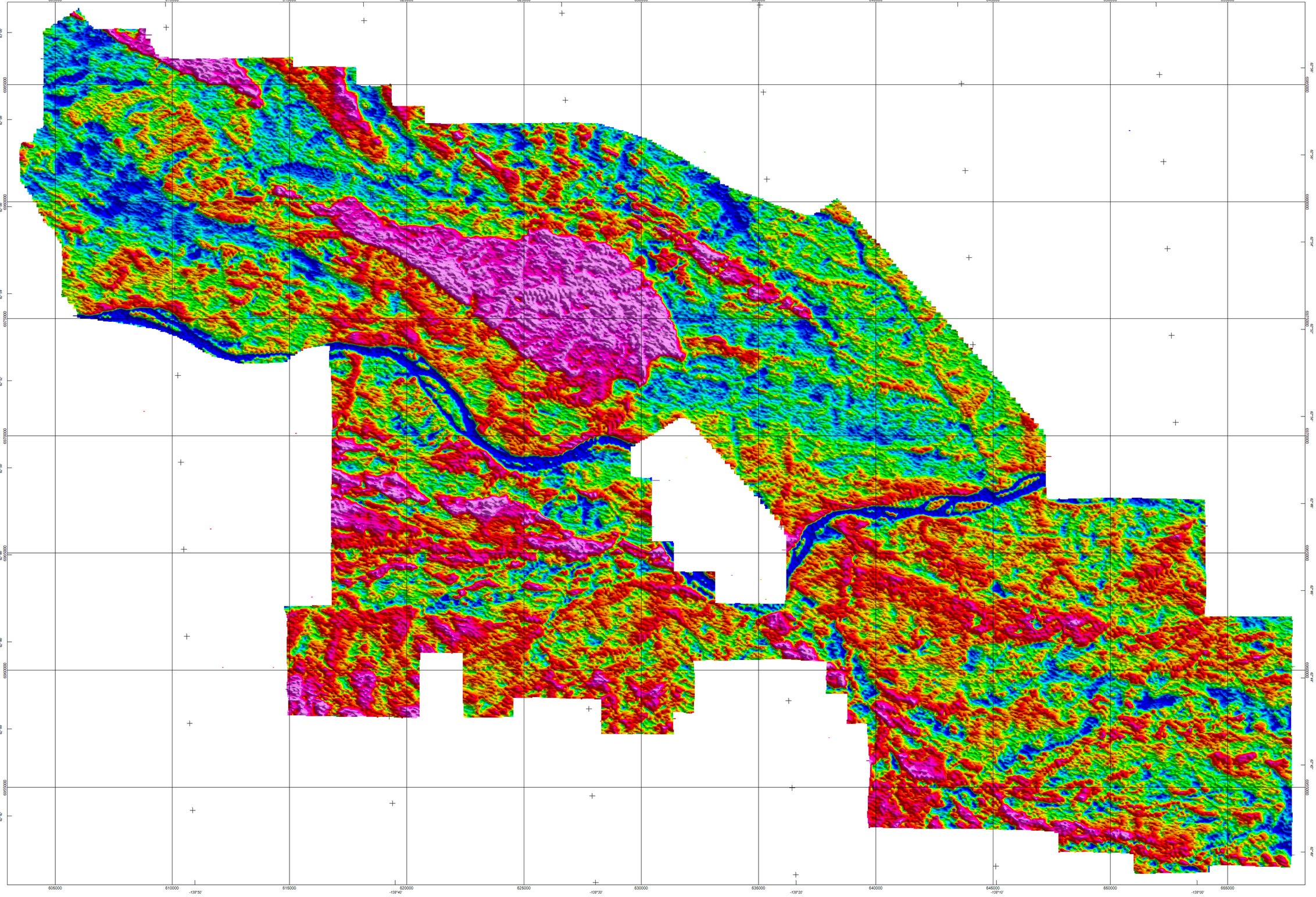
ETHOS CAPITAL CORP.

Helicopter Borne Aeromagnetic and Spectrometric Survey
Betty_Bridget_Haynes (BBH) Block
Thorium (Th) Map

Dates Flown: July 8 - Agust 12, 2011

New-Sense Geophysics Ltd.


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655000
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-138°40'
-138°30'
-138°20'
-138°10'
-138°00'
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6675000
6670000
6685000
6690000
6695000
6700000
6705000
6710000
6715000
6720000
6725000
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6735000
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6815000
6820000
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6830000
6835000
6840000
6845000
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6855000
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6865000
6870000
6875000
6880000



Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 30 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

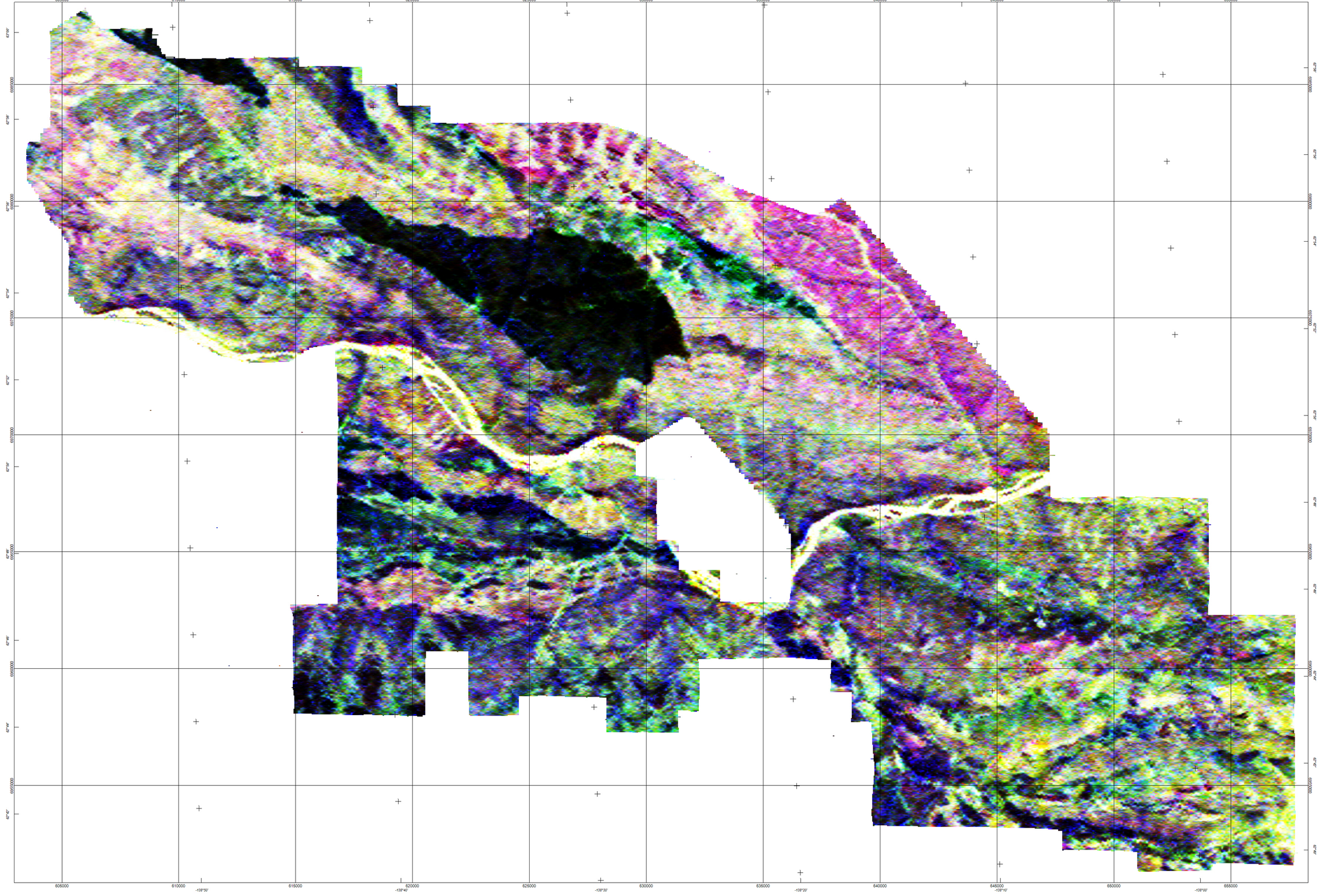
Average Sample Interval: 34 m/sample (1Hz);
Average Sensor Height From Ground: 36 m

ETHOS CAPITAL CORP.

Helicopter Borne Aeromagnetic and Spectrometric Survey
Betty_Bridget_Haynes (BBH) Block
Total Count (TC) Map

Dates Flown: July 8 - August 12, 2011

New-Sense Geophysics Ltd.



Th_cps

K_cps U_cps

Scale 1:50000

1000 0 1000 2000 3000

(Meters)

Grid Info
Gridding Method: Bi-directional
Grid Cell Size: 30 m
Spline Down Line: Akima
Spline Across Line: Akima
Trend Angle (deg. CCW from X): 0

Line Spacing/Direction
Traverse Lines: 100m; 0/180 deg. from true north;
Control Lines: 1000m; 90/270 deg. from true north

Average Sample Interval: 34 m/sample (1Hz);
Average Sensor Height From Ground: 36 m

ETHOS CAPITAL CORP.

Helicopter Borne Aeromagnetic and Spectrometric Survey
Betty_Bridget_Haynes (BBH) Block
Ternary Map

Dates Flown: July 8 - Agust 12, 2011

New-Sense Geophysics Ltd.