

Ministry of Energy, Mines & Petroleum Resources  
Mining & Minerals Division  
BC Geological Survey

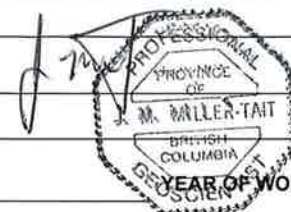
Assessment Report  
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: GEOCHEMICAL SAMPLING REPORT

TOTAL COST: \$40,408.66

AUTHOR(S): Jim Miller-Tait, P.Eng.

SIGNATURE(S):



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): N/A

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 4922507 / July 28, 2011

PROPERTY NAME: FANDORA

CLAIM NAME(S) (on which the work was done): 508912, 537994, 537995, 593801 and Crown grants L.1901 - L.1904

COMMODITIES SOUGHT: Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 092F 041

MINING DIVISION: Alberni

NTS/BCGS: 92F/4E, 5E / 092F022

LATITUDE: 49 ° 14 ' 54 " LONGITUDE: 125 ° 40 ' 22 " (at centre of work)

OWNER(S):

1) Selkirk Metals Corp.

2) \_\_\_\_\_

MAILING ADDRESS:

200-580 Hornby Street

Vancouver, BC V6C 3B6

OPERATOR(S) [who paid for the work]:

1) Selkirk Metals Corp.

2) \_\_\_\_\_

MAILING ADDRESS:

200-580 Hornby Street

Vancouver, BC V6C 3B6

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

The Pandora occurrence is underlain by andesitic tuff and breccia of the pre-Jurassic Westcoast Complex. The vein system is hosted by andesites and basalts of the Nitinat Formation of the Sicker Group Volcanics and has been altered to greenstone by Jurassic plutonism including a coarse gabbrodiorite.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS: 26139, 29325, 31379

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping			
Photo interpretation			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
<b>GEOCHEMICAL (number of samples analysed for...)</b>			
Soil 240 samples / 36 element ICP-MS		508912, 537994, CGs L.1901 - L.1904	\$35,210.55
Silt 11 samples / 36 element ICP-MS		508912, 537994, 537995, 593801	\$1,613.82
Rock			
Other			
<b>DRILLING (total metres; number of holes, size)</b>			
Core			
Non-core			
<b>RELATED TECHNICAL</b>			
Sampling/assaying Acme Analytical Labs: 251 samples		see above	\$3,584.29
Petrographic			
Mineralographic			
Metallurgic			
<b>PROSPECTING (scale, area)</b>			
<b>PREPARATORY / PHYSICAL</b>			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
<b>TOTAL COST:</b>			<b>\$40,408.66</b>

# **GEOCHEMICAL SAMPLING REPORT**

**on the**

**BC Geological Survey  
Assessment Report  
32456**

## **FANDORA GOLD PROPERTY**

**Tenure Nos. 508912, 537994, 537995 and 593801  
Crown Grant Tenures L. 1901 to L. 1904**

**Alberni Mining Division**

**NTS: 92E/4E, 5E**

**BCGS Map Sheets: 092F022**

**Latitude: 49° 15.0' N; Longitude 125° 40.6' W**

**UTM (NAD 83 – Zone 10): 5 459 000 N; 304 300 E**

**Field Work Period: April 12 to June 14, 2011**

**Owner / Operator: Selkirk Metals Corp. - 100%**

**Author: Jim Miller-Tait, P.Geo.**

**October 19, 2011**

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		FAN-11-1 (after p. 3)	BC Location Map	1:8,000,000
		FAN-11-2.2 (after p. 3)	General Location Map	1:250,000
		FAN-11-3.2 (after p. 3)	Claim Tenures	1:50,000
		FAN-11-4 (after p. 5)	Property Geology	1:50,000
		FAN-11-5 (in pocket)	2011 Geochemical Survey: Stream Sediments (2009 and 2011) Au (ppb), As (ppm)	1:10,000
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		FAN-11-10 (in pocket)	2011 Geochemical Survey: Soil Samples (2009 and 2011) – Pb (ppm)	1:5 000

## **SECTION A: REPORT**

### **INTRODUCTION:**

The Pandora Gold Property covers meso-thermal, gold bearing quartz veins situated along andesite dykes and in shear zones. The Property is located on the west coast of Vancouver Island, British Columbia and is owned by Selkirk Metals Corp. (the “Company”) of Vancouver, BC. This report documents the program of soil sampling and stream sediment sampling undertaken by the Company from April to June 2011. The Pandora property had not until recently been subjected to modern exploration methods as previous exploration work was primarily trenching and drifting on the known vein system. A geochemical sampling program was conducted in 2009 and its results confirmed the presence of the gold bearing quartz veins and identified stream catchment areas with anomalous gold values in stream sediment and identified anomalous gold soil anomalies along strike with the known veins and in new areas for exploration. Also completed in 2009 was the relocation of the underground workings and trenches. The 2011 program was designed to expand on the results of 2009 work.

### **PROPERTY:**

The Pandora Gold Property is 100% owned by Selkirk Metals Corp. Selkirk acquired its interest as a result of its acquisition in 2007 and subsequent amalgamation in 2009 with Doublestar Resources Ltd.

The property is located 19 km northeast of Tofino, BC near the head of Tranquil Inlet on the west side of Vancouver Island and consists of 22 mineral tenures (5 Crown granted mineral claims and 17 cell claims / 226 cells) totaling 241 units and covering a gross area of 5,056.42 ha (Figure 11-3.2).

The details of the mineral tenures that comprise the Property are set out in Section B of this report. The “good to” dates shown are based on the Statement of Work filed on July 28, 2011 as Event #4922507 and assume that the work contained in this report will be accepted for assessment purposes.

### **LOCATION AND ACCESS:**

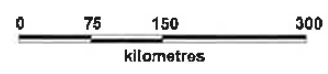
The Pandora property covers the ground between Fortune Channel and Warn Bay on the west and the Tranquil Creek drainage on the east immediately to the north of Tranquil Inlet on west coast of Vancouver Island, southwestern British Columbia (Figures 11-2.2 and 11-3.2). The NTS map reference is 92F/04E and 92F/05E and the BCGS map reference is 092F022. The property is centered at approximately 49° 15.2' North latitude and 125° 41.3' West longitude (UTM NAD 83, Zone 10N, coordinates 304 300 E., 5 459 000 N). The town of Tofino is approximately 19 km southwest of the property.

Access to the Pandora property is possible by boat, fixed-wing aircraft or helicopter. Boat access is gained either from Tofino or from a barge facility at Berryman Cove which is accessed from Highway 4 (Port Alberni-Tofino) by the well maintained West Main and Deer Bay Main Forest Service Roads. From Berryman Cove it is approximately 4.5 km across Tofino Inlet to Rankin Cove or 6.5 km to the head of Tranquil Inlet. From Rankin Cove or Tranquil Inlet the Tranquil Creek Main Forest Service Road leads to and traverses the Pandora property. There are secondary deactivated and active forest access roads that can be used on the property. The main portal on the property, the 1500-level, was at one time road accessible but the road has been deactivated.

### **CLIMATE, TOPOGRAPHY AND VEGETATION:**

The climate of the region is classified as West Coast Marine, with mild but wet winter seasons and cool drier summers. Mean annual precipitation is 3,235 mm as rain, and 536 mm of snow. The annual

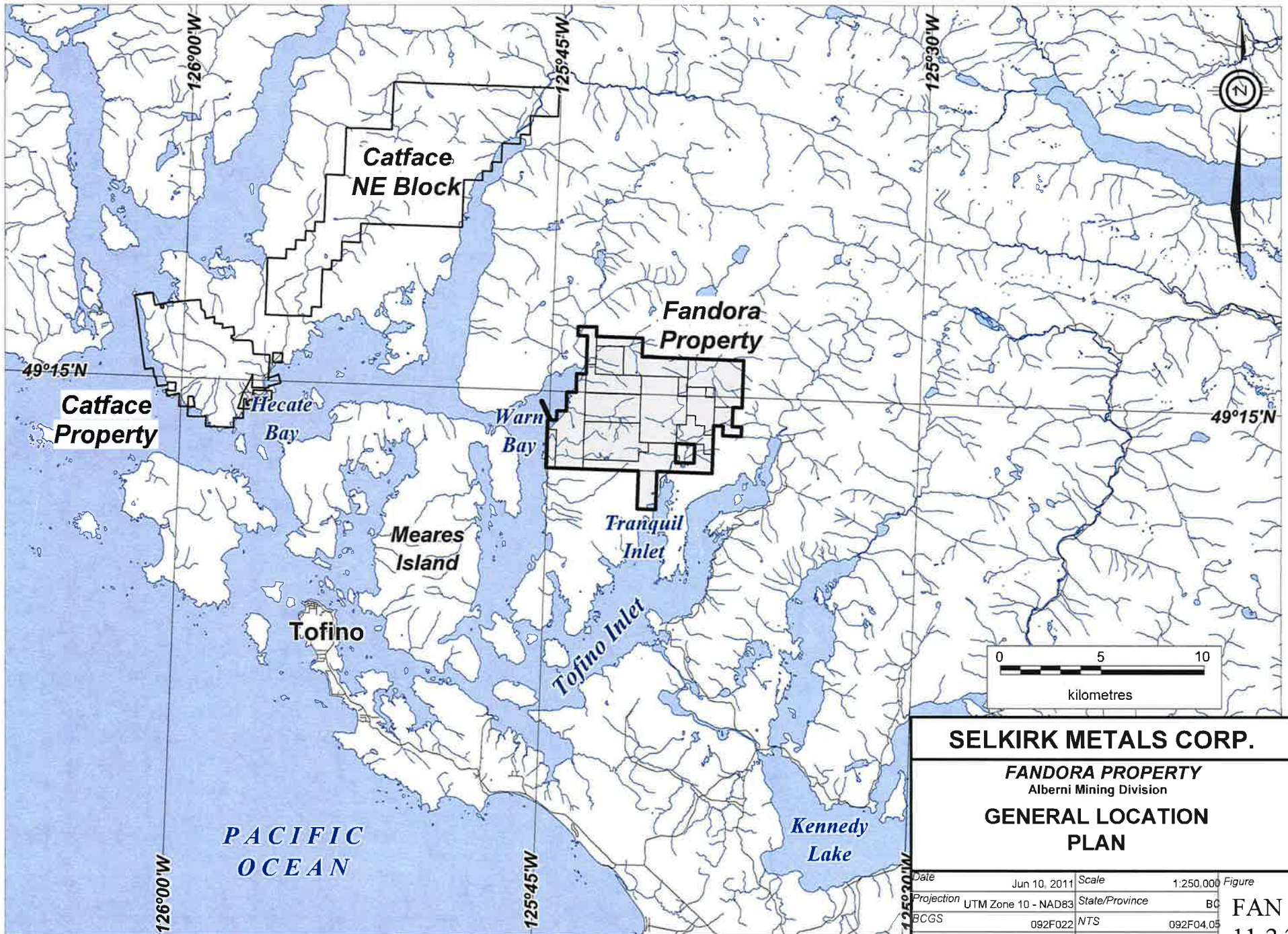




<b>SELKIRK METALS CORP.</b>			
<b>FANDORA PROPERTY</b> Alberni Mining Division			
<b>Property Location</b>			
Date	Mar 15, 2011	Scale	1:8,000,000
Projection	UTM Zone 10 - NAD83	State/Province	BC
BCGS	032F022	NTS	092F04,05
Author	JC	File	Fan_LocMap10

**FAN**  
**11-1**





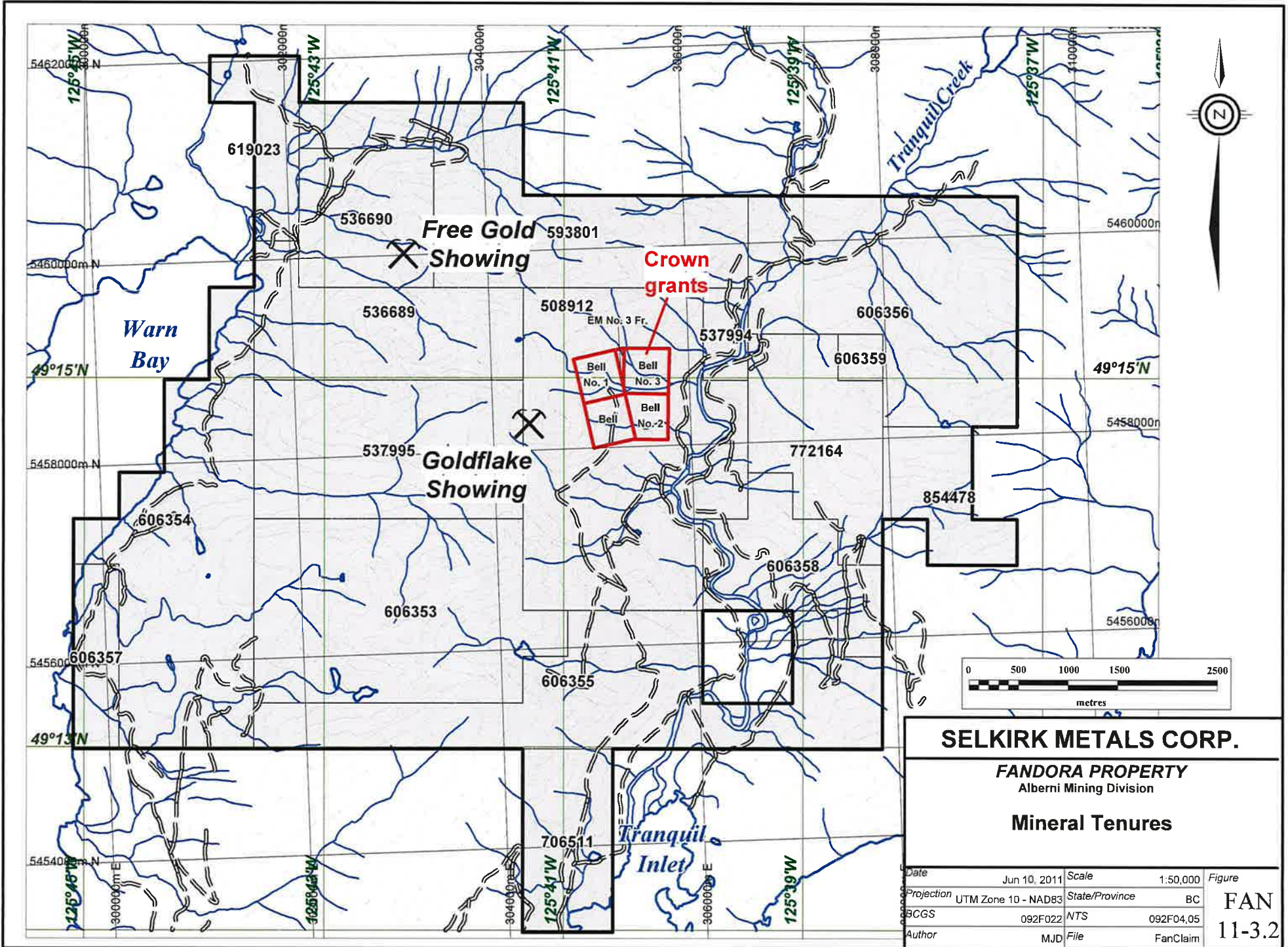
**SELKIRK METALS CORP.**

**FANDORA PROPERTY**  
Alberni Mining Division

**GENERAL LOCATION PLAN**

Date	Jun 10, 2011	Scale	1:250,000	Figure	<b>FAN 11-2.2</b>
Projection	UTM Zone 10 - NAD83	State/Province	BC		
BCGS	092F022	NTS	092F04.05		
Author	MJD	File	FanClaim-GenLocation		





**SELKIRK METALS CORP.**

**FANDORA PROPERTY**  
Alberni Mining Division

**Mineral Tenures**

Date	Jun 10, 2011	Scale	1:50,000	Figure	FAN 11-3.2
Projection	UTM Zone 10 - NAD83	State/Province	BC		
BCGS	092F022	NTS	092F04,05		
Author	MJD	File	FanClaim		



temperature range varies from  $-15.0^{\circ}\text{C}$  to  $32.8^{\circ}\text{C}$ , with a mean of  $9.0^{\circ}\text{C}$  (Knight Piésold, Catface report 2004). Temperatures are moderated by the proximity of the ocean so that prolonged periods of freezing weather are unusual.

The Tofino and related west central Vancouver Island areas can be classified as West Coast Marine, with mild but wet winter seasons and cool drier summers. The area does tend to be relatively wet year round, with an average of 480 cm of precipitation falling annually, mostly as rain. Snowfall is highly variable but tends to be modest at the low elevations of the property (100-200 m). The higher elevations however can receive substantial amounts of snow. Snow can persist on the Property from November through May. The property is most easily worked from June through October.

The Fandora property covers an area containing some steep mountainous ridges and precipitous topography. Elevations range from sea level at the western and southern margins of the property to 1100 m on the northern limit and 1040 m on the eastern edge of the holdings.

The Fandora property is located in the Clayoquot Sound region of western Vancouver Island. This area is dominated by the Estevan Coastal Plain, a gently undulating terrain that has been broken into numerous islands and peninsulas by inlets and channels. Steep highly dissected rocky hills are formed by outliers of the Westcoast intrusive complex which forms the Vancouver Island Mountains. Recently significant areas of forest land have been harvested within the property boundaries and nearby areas.

The property is covered in a typical assemblage of west coast second growth vegetation consisting of thick stands of western hemlock, red cedar, Douglas fir and white pine. There is a thick undergrowth of salal and salmonberry throughout the area.

### **HISTORY:**

In the late 1800's and very early 1900's Vancouver Island and the Coastal Mainland of British Columbia saw extensive mineral exploration and mine development. The Fandora Mine and several lesser auriferous quartz veins in the Tranquil Creek and adjacent watersheds of the Clayoquot Sound were first discovered in the late 1930's. Initially, these discoveries were explored on surface by hand trenching and other limited exploration techniques. In 1940, the Fandora property was staked by E.G. Brown and P. Donahue to cover what is now defined as the Bell No 1-4 Crown Grants (Report of the Minister of Mines Report, 1947). The site was subsequently taken over by Privateer Mines, who in conjunction with Canamac Mining Company, carried out most of the underground development on the Property. Four main adits on the 2100, 1900, 1700, and 1500 foot elevations were driven utilizing hand steel and wheelbarrows over the course of one year (Campbell, 1950). In 1947 three main properties (Gold Flake, Tofino, and Fandora) were amalgamated and placed into the newly formed Tofino Gold Mining Company. For several years, the Property was heavily explored, chiefly by a series of open cuts along the strike of the high-grade zones of the Fandora vein structure. This exploration period culminated in the late 1950's with the driving of two additional exploration drifts on the 1265 and 1010 levels. As with the previous episode of mining, no substantial volumes of ore were removed for milling (H.W. Agnew, 1959).

Between 1957 and 1964 a new phase of development was initiated by a group organized by Moneta Porcupine Mines. A 35 tonne/day mill was constructed in conjunction with drift expansion on the 1500 and 1700 levels. Within these levels, several high grade zones were stoped and connections were made by two raises from the 1500 to the 1700 levels. A full 20 man camp was constructed, as well as an access road, telegraph line, and tram line connecting the lower beach camp with the upper mining camp (Report of the Minister of Mines, 1960 and 1963).

This phase of development was the last major episode the Fandora Property saw. In the 1970's and 1980's several small conformational sampling and mapping projects were conducted but nothing more substantial. In 1998, Doublestar Resources Ltd. purchased the five Fandora Crown granted mineral claims from Phrygian Mining Corporation (formerly New Privateer Mine Limited) and in 1999 conducted a series of exploration programs which included rehabilitating the 1500 portal entrance, dewatering the 1500 level adit, the removal of 1,000 kg of Fandora quartz vein material, metallurgical testwork on the Fandora vein material and associated environmental and ARD lithological studies. Also a terrain stability program focused on re-opening the last kilometer of the Fandora access road (which had been deactivated the previous year) was conducted.

The Doublestar programs succeeded in highlighting the ease of recovery of the gold within the Fandora vein material and in initiating baseline environmental work on the Property.

Selkirk conducted a geochemical sampling program in May 2009, the results of which are described in the Geochemical Sampling Report dated February 23, 2010, Assessment Report #31379.

### **REGIONAL GEOLOGY:**

The West Coast of Vancouver Island is underlain by the Wrangellia Terrane, an exotic assemblage accreted to the North American Cordillera in the Mesozoic, and the West Coast Complex. The Paleozoic (Late Devonian) Sicker Group is the oldest member of the Wrangellia Terrane and underlies all other lithologies. The Sicker Group is defined by two main assemblages of marine arc deposition: the Nitnat and the McLaughlin Ridge Formations.

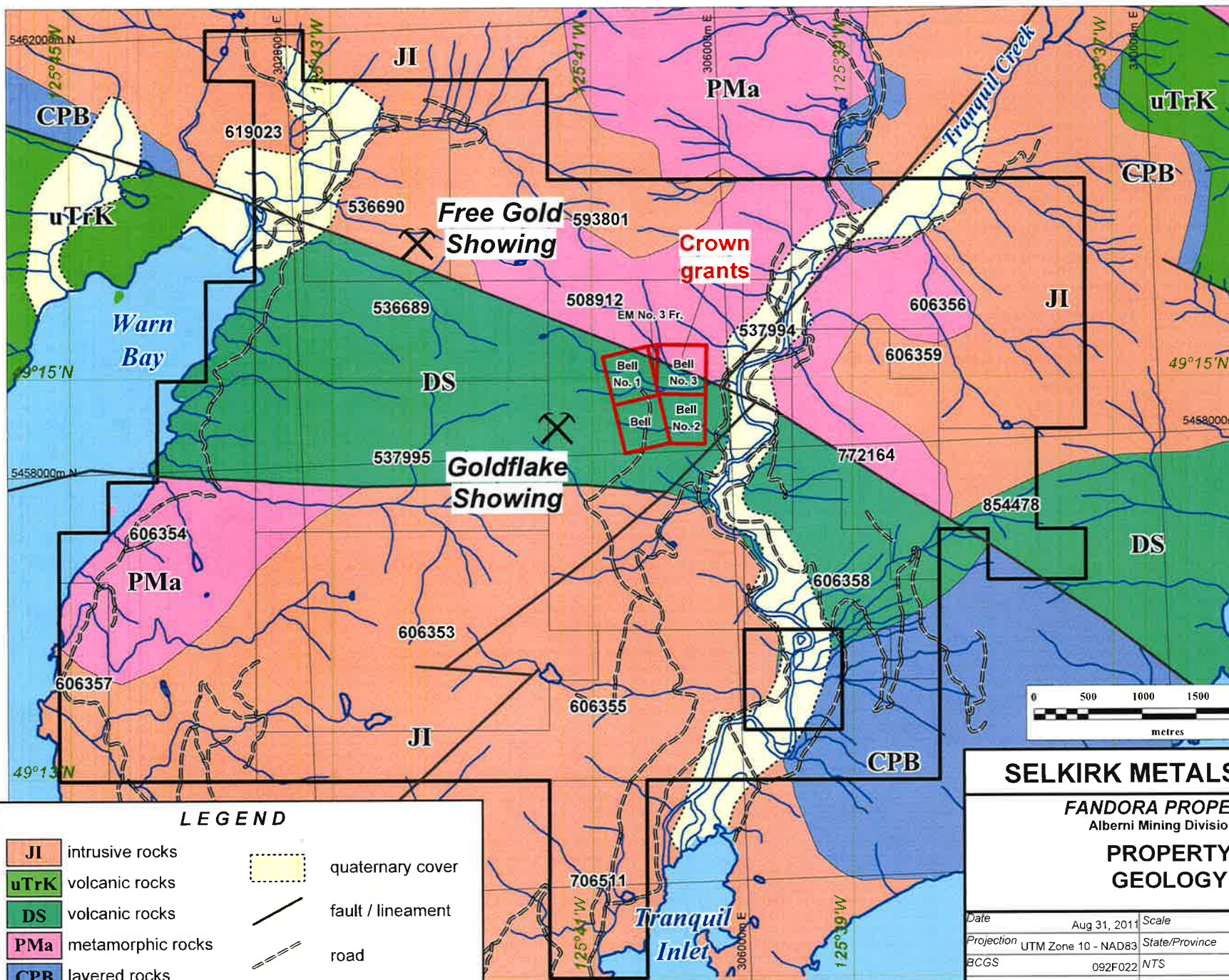
The Nitnat Formation is dominantly an andesite-basalt metavolcanic suite with associated volcanic breccias and agglomerates. The younger McLaughlin Ridge is characterized by volcanoclastic sandstones, pillow lavas, and felsic volcanics with minor debris flow indications (Brandon, M.T., 1985). Carboniferous to Permian shallow marine deposited strata of bioclastic limestone, sandstone, and shale of the Buttle Lake Group conformably overlie the Sicker Group. The unconformable Middle Triassic Karmutsen Formation volcanics (basaltic pillow lavas, flows, and breccias) complete with a suite of hypabyssal sills and dykes, lie atop. A Late Triassic shallow marine sequence of Limestone (Quatsino Formation) overlies the Karmutsen, and is in turn overlain by thinly banded units of calcareous metasediments and argillites of the Parson's Bay Formation (Gunning, 1932).

All these lithologies are unconformably overlain by the thick Bonanza Volcanic sequence. These rocks consist chiefly of variably colored (red, green, and maroon) welded to massive dacitic tuffs and pyroclastic andesites. The Bonanza units trend prevalently northwesterly and are in turn intruded by the Lower Jurassic Island Intrusions; the cause of associated regional and contact metamorphism.

The West Coast Complex lies on the extreme western margin of Vancouver Island. The Complex is composed of a chaotic assemblage of lithologies defined by melanges of Lower Cretaceous mudstones, sandstones, and cherts overlying an older Volcanic Arc Complex. The northwest striking West Coast Fault separates this Mesozoic complex from the aforementioned Paleozoic and associated rocks of the rest of the Wrangellia Terrane on Vancouver Island (Brandon, M.T., 1985).

### **PROPERTY GEOLOGY:**

The Fandora vein system is hosted by andesites and basalts of the Nitnat Formation. These lithologies have been altered to greenstone by Jurassic plutonism including a coarse gabbrodiorite, several stages of feldspar porphyry dykes and sills and andesitic dykes (particularly in the vicinity of the Fandora mine workings) (Seraphim, 1981). These intrusive rocks are known locally as the Island intrusions. Where the



**LEGEND**

- |  |   |
|--|---|
| <span style="background-color: #f4a460; border: 1px solid black; padding: 2px;">JI</span> intrusive rocks    | <span style="border: 1px dashed black; padding: 2px;"> </span> quaternary cover                             |
| <span style="background-color: #38a838; border: 1px solid black; padding: 2px;">uTrK</span> volcanic rocks   | <span style="border-bottom: 1px solid black; width: 20px; display: inline-block;"></span> fault / lineament |
| <span style="background-color: #008000; border: 1px solid black; padding: 2px;">DS</span> volcanic rocks     | <span style="border-bottom: 1px dashed black; width: 20px; display: inline-block;"></span> road             |
| <span style="background-color: #e91e63; border: 1px solid black; padding: 2px;">PMa</span> metamorphic rocks |   |
| <span style="background-color: #4169e1; border: 1px solid black; padding: 2px;">CPB</span> layered rocks     |   |

**SELKIRK METALS CORP.**

**FANDORA PROPERTY**  
Alberni Mining Division

**PROPERTY  
GEOLOGY**

Date	Aug 31, 2011	Scale	1:50,000	Figure	<b>FAN 11-4</b>
Projection	UTM Zone 10 - NAD83	State/Province	BC		
BCGS	092F022	NTS	092F04,05		
Author	MJD	File	FanGeo		



intrusives are in contact with Nitnat units widespread hornfelsation is common. Numerous steeply dipping fractures cut the greenstones, and trend north-northwest on average.

The Pandora Vein System trends at approximately 075° and dips steeply (65°-70°) to the north. The vein pinches, swells and bifurcates, however it averages a width of 1-1.4 m. The Pandora Vein System is predominantly comprised of two to three distinct veins separated by a highly sheared central andesite dyke. The vein is remarkably continuous with a strike length that has been developed (adits and opencuts) and traced on surface for over two (2) km. The vein has been tested down dip for a minimum of 330 m, and it is reasonable to assume it has a far greater down dip extension. The Pandora Vein System is apparently controlled by a shear zone, and more or less parallels the described andesite dyke. However, little alteration of the country rock is evident greater than approximately 0.5 m from the vein-greenstone contact.

The auriferous Pandora Vein System is dominated by quartz, is sheeted and thinly banded and contains varying amounts of brown-orange weathered carbonate (ankerite). Sulphide content ranges from 5% to 15% and includes both fine (disseminated to massive) sulphides on fracture and sheet boundaries, to coarser crystalline habits within the bull quartz of the vein itself. Observation and metallurgical testing indicates the gold in the vein system occurs chiefly as free gold contained within the quartz zones (Tse, 1999; Yee, 2006). Pyrite is the dominant sulphide present, however sphalerite, galena, chalcopyrite and arsenopyrite have been noted (Campbell, 1950).

#### **2011 GEOCHEMICAL SAMPLING PROGRAM:**

The 2011 exploration program was initiated to follow up on the successful 2009 program (Assessment Report #31379) using a combination of stream sediment and soil geochemical sampling to identify gold targets. The program was designed to expand the stream sediment sampling to cover the Virge Creek drainage and to conduct close spaced soil sampling in an effort to delineate the gold bearing quartz veins. A total of 11 stream sediment and 240 soil samples collected during the two field programs carried out in April and June, 2011. The field personnel were quartered in Tofino and Ucluelet and transported to the property each day by helicopter.

The stream sediment sampling was completed by using an 80 mesh screen to sort out and discard the larger fraction of stream gravels and save the fine fraction for analysis. The drainages along strike to the northeast with the known veins explored by the underground development were elevated in gold as well as along strike to the southwest in the headwaters of Virge Creek upstream and above the elevated 2009 stream sediment sample FSS-37. The analytical results are appended in Section D and the Sample Data table is set out in Section E. The results of the stream sediment sampling are shown on Figure FAN-11-5 while the soil values for gold, arsenic, copper and lead are plotted on Figure Nos. FAN-11-7 to FAN-11-10.

The soil sampling method of exploration works well if the samples are collected out of the active drainages where stream gravels are present and there is not a stable B Horizon to sample. The elements arsenic and copper correlate well with the gold soil results and the known mineralized areas. The lead results, which are plotted on Figure FAN11-10, do not correlate with the other elements results.

The soil sampling has outlined three anomalous areas. The first anomalous area is of the known workings and along strike. The other two "new" highly anomalous areas are located 750 m and 1,100 m southwest along the decommissioned access road to the underground 1500 level access.

**CONCLUSIONS:**

The exploration method employing stream sediment sampling followed by soil sampling works very well in the Tranquil Creek terrain. Care must be taken to not collect samples from gravels that are influenced by the major streams in the flat terrain and to collect samples from active streams in the steeper terrain.

The areas along the strike and down dip of the Fandora veins are highly prospective to expand the area of known gold mineralization. The areas located 750 m and 1,100 m southwest of the known veins along the 1500 level access deactivated road are two high priority targets that should be drill tested. These are new areas where there could be a parallel vein system as the Fandora area may be on strike with the major quartz vein on the east side of Tranquil Creek.

**RECOMMENDATIONS:**

The known Fandora vein sets should be diamond drilled along strike, between the levels and to depth in order to confirm the historic grades and test for any down dip dimension. At the same time drilling should also test the highly anomalous areas located 750 m and 1,100 m southwest along the 1500 level access road. The decommissioned access road should be rehabilitated to allow for diamond drill access. The culverts will have to be replaced and the road reconditioned but the bridges are still in place.

**Respectfully submitted,**



The image shows a handwritten signature in black ink, which appears to be 'J. Miller-Tait'. To the right of the signature is a circular professional seal. The seal has a scalloped outer edge and contains the following text: 'PROFESSIONAL' at the top, 'PROVINCE OF' in the middle, 'J. M. MILLER-TAIT' in the center, 'BRITISH COLUMBIA' at the bottom, and 'GEOLOGICAL SCIENTIST' at the very bottom.

**Jim Miller-Tait, P. Geo.**

## **REFERENCES:**

Agnew, H.W., **1959:** Report On Tofino Copper Claims, Tofino Inlet B.C., Alberni M.D.

Brandon, M.T., **1985:** Mesozoic Magmatism of the Pacific Rim Complex, Western Vancouver Island. In, Field Guides to Geology and Mineral Deposits in the Southern Canadian Cordillera. GSA Cordilleran Section Meeting, Vancouver, B.C., May, 1985.

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Mason, E.E., **1954:** Report On the Production Possibilities of the Tofino Gold Mine, West Coast of Vancouver Island.

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Muller, R.R., **1981:** Westmin Resources' Massive Sulphide Deposits, Vancouver Island. In; Field Guides to Geology and Mineral Deposits in the Southern Canadian Cordillera. GSA Cordilleran Section Meeting, Vancouver, B.C., May, 1985.

Scrappin, R.H., **1981:** Report on the Fandora Gold Property Tofino, B.C. for Devon Industries Inc.

Sibbick, S.; **1999:** Final Report, Fandora Project ARD Review. Norecol, Dames, & Moore.

Report Of the Minister of Mines (Fandora Related) **1947, 1960, and 1963.**



**STATEMENT OF QUALIFICATIONS:**



For: Jim Miller-Tait of 828 Whitchurch Street, North Vancouver, B.C. V7L 2A4

I graduated from the University of British Columbia with a Bachelor of Sciences Degree in Geology (1987);

I have been practicing my profession as a geologist in mineral exploration and mining continuously since 1987;

I am a registered member in good standing as a Professional Geoscientist with the Association of Professional Engineers and Geoscientists of British Columbia;

The observations, conclusions and recommendations contained in the report are based on supervision of the described program, field examinations and the evaluation of results of the exploration program completed by the operator of the property.

  
  
**Jim Miller-Tait, P.Ge.**

**SECTION B: PROPERTY**

**Mineral Tenure Summary Table**

<b>FANDORA PROPERTY: MINERAL TENURES</b>				<b>Date:</b>	<b>Oct 19 2011</b>	
<b>OWNER:</b>	<b>Selkirk Metals Corp.</b>	<b>100.0%</b>	<b>BC Client No.</b>	<b>231261</b>	<b>Tenures:</b>	<b>22</b>
<b>ROYALTY:</b>	<b>nil</b>				<b>Cells/Units:</b>	<b>241</b>
					<b>Area (ha):</b>	<b>5,056.42</b>
MINING DIVISION: Alberni						
LAND DISTRICT: Clayoquot						
LOCATION: 19 km northeast of Tofino near the head of Tranquil Inlet on the west side of Vancouver Island.						
MAP NO.	NTS: 092F/04E, 05W	GEOGRAPHIC COORDINATES:		49° 15.2' N; 125° 41.3' W		
	BCGS: 092F022	UTM COORDINATES (NAD 83, ZONE 10):		5 459 000 N 304 300 E		

**Crown Granted Mineral Claims:**

Lot No.	Tenure Type	Claim Name	% Held	Map No.	Folio No.	Taxes Paid To	Units	Area (ha)	Taxes
L. 1901	C.G.	Bell	100.0%	092F022	001988	2012/jul/02	1	19.62	\$24.53
L. 1902	C.G.	Bell No. 1	100.0%	092F022	001988	2012/jul/02	1	19.62	\$24.53
L. 1903	C.G.	Bell No. 2	100.0%	092F022	001988	2012/jul/02	1	17.49	\$21.86
L. 1904	C.G.	Bell No. 3	100.0%	092F022	001988	2012/jul/02	1	20.85	\$26.06
L. 1905	C.G.	E.M. No. 3 Fraction	100.0%	092F022	001988	2012/jul/02	1	1.85	\$2.31
<b>Subtotal</b>	<b>5</b>						<b>5</b>	<b>79.43</b>	<b>\$99.29</b>

**Cell Claims:**

Tenure No.	Tenure Type	Claim Name	% Held	Map No.	Record Date	Good To Date	Cells	Area (ha)	Work
508912	Mineral		100.0%	092F022	2005/mar/14	2014/nov/01	31	653.72	\$5,229.77
536689	Mineral	Free Gold 2	100.0%	092F022	2006/jul/07	2013/dec/01	13	274.11	\$2,192.84
536690	Mineral	Free Gold 1	100.0%	092F022	2006/jul/07	2013/dec/01	9	189.73	\$1,517.82
537994	Mineral	Fandora	100.0%	092F022	2006/jul/07	2013/dec/01	2	42.17	\$337.37
537995	Mineral	Fandora	100.0%	092F022	2006/jul/07	2013/dec/01	18	379.59	\$3,036.70
593801	Mineral	F 6	100.0%	092F022	2008/nov/03	2013/dec/01	21	442.70	\$3,541.61
606353	Mineral	F 1	100.0%	092F022	2009/jun/19	2013/dec/01	25	527.36	\$4,218.88
606354	Mineral	F 2	100.0%	092F022	2009/jun/19	2013/dec/01	25	527.33	\$4,218.64
606355	Mineral		100.0%	092F022	2009/jun/19	2013/dec/01	24	506.31	\$4,050.48
606356	Mineral	F 3	100.0%	092F022	2009/jun/19	2013/dec/01	24	506.00	\$4,048.00
606357	Mineral	F 4	100.0%	092F022	2009/jun/19	2013/dec/01	4	84.39	\$675.12
606358	Mineral	F 5	100.0%	092F022	2009/jun/19	2013/dec/01	9	189.81	\$1,518.48
606359	Mineral	F 6	100.0%	092F022	2009/jun/19	2013/dec/01	1	21.09	\$168.72
619023	Mineral	F 8	100.0%	092F022	2009/aug/14	2013/dec/01	5	105.39	\$843.12
706511	Mineral	F 9	100.0%	092F022	2010/feb/18	2013/dec/01	8	168.82	\$675.28
772164	Mineral	F10	100.0%	092F022	2010/may/12	2013/dec/01	11	231.95	\$927.80
854478	Mineral	F11	100.0%	092F022	2011/may/13	2013/dec/01	6	126.53	\$506.12



<b>Subtotal</b>	<b>17</b>					<b>236</b>	<b>4,976.99</b>	<b>\$37,706.74</b>
<b>TOTAL</b>	<b>22</b>					<b>241</b>	<b>5,056.42</b>	<b>\$37,806.03</b>

<b>Assessment Filing Record:</b>									
<b>Filing Date</b>	<b>Event No.</b>	<b>Total Value Filed</b>	<b>Work-C/L</b>	<b>PAC Debit</b>	<b>PAC Credit</b>	<b>Report Due</b>	<b>Report Filed</b>	<b>Approved</b>	<b>Report No.</b>
2007/jul/05	4156838	\$701.43	Cash-in-lieu	\$0.00	\$0.00	N/A			
2007/jul/06	4157267	\$20,919.07	\$15,795.92	\$1,046.67	\$0.00	2007/oct/04	2007/oct/02	2008/jan/03	29325
2007/jul/17	4159055	\$499.13	Cash-in-lieu	\$0.00	\$0.00	N/A			
2007/sep/25	4171375	2125.26	Cash-in-lieu	\$0.00	\$0.00	N/A			
2008/feb/19	4196763	\$2,672.95	Cash-in-lieu	\$0.00	\$0.00	N/A			
2008/aug/25	4233095	\$887.95	Cash-in-lieu	\$0.00	\$0.00	N/A			
2008/oct/23	4242788	\$2,277.26	Cash-in-lieu	\$0.00	\$0.00	N/A			
2008/oct/27	4243400	\$1,265.10	Cash-in-lieu	\$0.00	\$0.00	N/A			
2009/oct/29	4388029	\$35,200.02	\$26,372.18	\$8,827.84	\$0.00	2010/feb/23	2010/feb/23	2010/jul/07	31379
2011/jan/28	4830936	\$153.56	Cash-in-lieu	\$0.00	\$0.00	N/A			
2011/apr/18	4855136	\$491.90	Cash-in-lieu	\$0.00	\$0.00	N/A			
2011/jul/28	4922507	\$45,653.45	\$32,900.00	\$12,753.45	\$0.00	2011/oct/26			

**SECTION C: EXPENDITURES (Fandora 2011 Geochemical Assessment Program)**

Item	Work Performed	Quantities / Rates	Amount
<b>Geochemical Survey:</b>			\$CDN
<b>Personnel:</b>			
Jim Miller-Tait, P.Geo Exploration Manager	Period: Apr – Jun 2011	2 days @ \$550.00	1,100.00
Jason Corlazzoli Project Geologist	Period: Apr 12-14 2011 June 1, 2, 4-14, 2011	16 days @ \$275.00	4,400.00
George Frank Field Assistant	Period: June 6-12, 2011	7 days @ \$250.00	1,750.00
Malcolm Drake Field Assistant	Period: June 6-12, 2011	7 days @ \$190.00	1,330.00
Paul Sam Field Assistant	Period: June 6-8, 2011	3 days @ \$190.00	570.00
Subtotal			\$9,150.00
<b>Accommodation &amp; Meals:</b>			
Weigh West Marine Resort, Tofino	Jim Miller-Tait (May 31, 2011) Jason Corlazzoli (May 31, 2011) George Frank (Jun 5-11, 2011) Paul Sam (Jun 5-9, 2011)	1 night @ \$123.93 1 night @ \$123.93 7 nights @ \$128.52 5 nights @ \$128.52	123.93 123.93 899.64 642.60 1,790.10
Subtotal			1,790.10
<b>Transportation:</b>			
J. Miller-Tait Vehicle: Ford F-150 Pickup	Vancouver to Tofino and return Fuel BC Ferries (May 31, Jun 2)	640 km @ \$0.42/km	268.80 188.91 152.18 609.89
Jason Corlazzoli Vehicle	Vancouver to Tofino, daily transport and return to Vancouver BC Ferries (Jun 5 and 12)	1040 km @ &0.40	416.00 83.20 499.20
Helicopter: Pacific Rim Helicopters Bell 206-LR+	Air transport: Tofino to Fandora property and return Apr 14, 2011	1.8 hours plus fuel @ \$1111.67 / hour	2001.00
Helicopter: E&B Helicopters Ltd. Campbell River Bell 206-L3	Air transport: Tofino to Fandora property and return June 1, 6-12, 2011 (8 days)	19.7 hours plus fuel @ \$1000.66 / hour	19,713.00
Subtotal			22,823.09
<b>Field Supplies:</b> Deacon Industries	Sample supplies and tools		431.18
<b>Analytical Services:</b>			
Acme Analytical Laboratories Ltd. Vancouver, BC	Stream sediment samples: 11 Code 1DX: 36 elements (ICP-MS) Soil samples: 240 Code 1DX: 36 elements (ICP-MS)	11 @ \$16.04 240 @ \$14.20	176.44 3407.85
Subtotal			3,584.29
<b>Survey Services:</b>			
Copper Canyon	Survey traverse for stream	1 day @ \$550.00	550.00

Consulting	sediment sampling: Apr 14 2011		
<b>Map Preparation:</b>			
Mike Davies, Moonraker Multimedia	Map preparation, data plotting,	8 hrs. @ \$75.00	600.00
Printing	Map printing		50.00
Subtotal			650.00
<b>Report Preparation:</b>			
Jim Miller-Tait, P.Geo. Exploration Manager	Data review, interpretation and report preparation	2 day @ \$550.00	1,100.00
Erik Andersen, Land Administrator	Data and report compilation and editing	8 hours @ \$41.25	330.00
Subtotal			1,430.00
<b>Total Survey</b>			<b>\$40,408.66</b>

**Expenditure Apportionment:**

Tenure	Work	% of Total	Expenditure
<b>Cell Claims</b>			
508912	177 soil samples, 2 stream sediments	71.31	
537994	16 soil samples, 1 stream sediment	6.77	
537995	7 stream sediment samples	2.79	
593801	1 stream sediment	0.40	
Subtotal	204 samples	81.27	\$32,840.12
<b>Crown Grants</b>			
L. 1901	19 soil samples	7.57	
L. 1902	3 soil samples	1.20	
L. 1903	20 soil samples	7.97	
L. 1904	5 soil samples	1.99	
Subtotal	47 samples	18.73	\$7,568.54
<b>Total</b>	<b>251 samples</b>	<b>100.00</b>	<b>\$40,408.66</b>

**SECTION D: ANALYICAL REPORTS**

1. Analyses carried out by Acme Analytical Laboratories Ltd. of Vancouver, B.C.

<b>File Number</b>	<b>Date of Certificate</b>	<b>No. of Samples</b>	<b>Sample Type</b>	<b>Analytical Procedure</b>
VAN11001890.1	May 9, 2011	4	Sediment	1DX2
VAN11002637.1	July 3, 2011	240	Soil	1DX2
VAN11002638.1	June 27, 2011	7	Sediment	1DX2
<b>Total</b>		<b>251</b>		

1. Statement of Analytical Procedures: 1 data sheet  
- Group 1D & 1DX; Multi-Element (36) Assay by ICP-MS; Aqua Regia Digestion





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

[www.acmelab.com](http://www.acmelab.com)

**Client:** Selkirk Metals Corp.  
200 - 580 Hornby Street  
Vancouver BC V6C 3B6 Canada

Submitted By: Email Distribution List  
Receiving Lab: Canada-Vancouver  
Received: May 02, 2011  
Report Date: May 09, 2011  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

VAN11001890.1

### CLIENT JOB INFORMATION

Project: FANDORA  
Shipment ID: SLKF2011SS  
P.O. Number  
Number of Samples: 4

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

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

Invoice To: Selkirk Metals Corp.  
200 - 580 Hornby Street  
Vancouver BC V6C 3B6  
Canada

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	4	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	4	Dry at 60C			VAN
1DX2	4	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### ADDITIONAL COMMENTS



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



Acme Analytical Laboratories (Vancouver) Ltd.  
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 Phone (604) 253-3158 Fax (604) 253-1716

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Client: **Selkirk Metals Corp.**  
 200 - 580 Hornby Street  
 Vancouver BC V6C 3B6 Canada

Project: FANDORA  
 Report Date: May 09, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN11001890.1

	Method	1DX15																			
		Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
917306	Stream	0.6	85.8	8.5	77	<0.1	21.3	21.6	821	2.91	11.0	30.1	0.2	46	0.3	1.1	0.1	81	1.21	0.054	3
917307	Stream	4.8	26.7	7.6	159	<0.1	26.0	44.7	2235	7.43	31.6	84.2	0.5	28	0.4	0.4	0.1	203	0.77	0.030	3
917308	Stream	1.2	88.9	5.4	50	<0.1	25.3	23.2	541	4.34	5.4	3.8	0.7	24	0.3	0.3	0.1	100	0.62	0.048	4
917309	Stream	0.4	48.9	6.4	65	<0.1	30.2	22.8	881	2.83	2.3	36.9	0.2	49	0.3	0.2	<0.1	66	1.26	0.050	2



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**Client:** Selkirk Metals Corp.  
 200 - 580 Hornby Street  
 Vancouver BC V6C 3B6 Canada

**Project:** FANDORA  
**Report Date:** May 09, 2011

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

**CERTIFICATE OF ANALYSIS**

**VAN11001890.1**

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
917306	Stream	34	0.93	33	0.185	9	3.08	0.016	0.03	0.2	0.11	4.2	<0.1	0.25	6	3.0	<0.2
917307	Stream	44	0.79	40	0.232	4	3.92	0.006	0.03	<0.1	0.06	5.4	<0.1	<0.05	16	1.5	<0.2
917308	Stream	71	0.97	25	0.126	4	6.99	0.015	0.02	<0.1	0.18	6.5	<0.1	<0.05	11	2.2	<0.2
917309	Stream	67	1.58	32	0.078	10	3.87	0.045	0.03	<0.1	0.28	4.4	<0.1	0.05	6	1.2	<0.2



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Client: **Selkirk Metals Corp.**  
 200 - 580 Hornby Street  
 Vancouver BC V6C 3B6 Canada

Project: FANDORA  
 Report Date: May 09, 2011

Page: 1 of 1 Part 1

QUALITY CONTROL REPORT

VAN11001890.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
917306	Stream Sedim	0.6	85.8	8.5	77	<0.1	21.3	21.6	821	2.91	11.0	30.1	0.2	46	0.3	1.1	0.1	81	1.21	0.054	3
REP 917306	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																					
STD DS8	Standard	13.7	119.5	121.5	313	1.7	40.1	8.1	605	2.40	26.4	104.0	6.9	70	2.4	5.7	6.5	43	0.69	0.079	14
STD DS8	Standard	12.7	118.1	122.1	332	1.9	39.3	8.0	631	2.53	28.0	116.0	7.2	72	2.7	6.6	7.4	41	0.69	0.082	14
STD DS8	Standard	13.6	124.7	129.9	350	1.9	42.4	8.6	671	2.69	30.8	117.7	7.4	72	2.8	6.9	7.7	46	0.72	0.086	15
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1





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Client: **Selkirk Metals Corp.**  
 200 - 580 Hornby Street  
 Vancouver BC V6C 3B6 Canada

Project: FANDORA  
 Report Date: May 09, 2011

Page: 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN11001890.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
917306	Stream Sedim	34	0.93	33	0.185	9	3.08	0.016	0.03	0.2	0.11	4.2	<0.1	0.25	6	3.0	<0.2
REP 917306	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
Reference Materials																	
STD DS8	Standard	120	0.60	283	0.126	2	0.94	0.114	0.46	3.0	0.18	2.7	5.2	0.17	5	4.9	5.1
STD DS8	Standard	117	0.64	299	0.114	3	0.94	0.095	0.41	3.1	0.21	2.3	5.5	0.17	5	4.9	5.1
STD DS8	Standard	124	0.64	309	0.126	3	0.98	0.096	0.47	3.1	0.21	2.5	5.6	0.18	5	5.7	5.6
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Acme Analytical Laboratories (Vancouver) Ltd.

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Client: Selkirk Metals Corp.
200 - 580 Hornby Street
Vancouver BC V6C 3B6 Canada

Submitted By: Email Distribution List
Receiving Lab: Canada-Vancouver
Received: June 17, 2011
Report Date: July 03, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS

VAN11002637.1

CLIENT JOB INFORMATION

Project: FANDORA
Shipment ID: FAN2011-1
P.O. Number
Number of Samples: 249

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

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

Invoice To: Selkirk Metals Corp.
200 - 580 Hornby Street
Vancouver BC V6C 3B6
Canada

CC:

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Table with 6 columns: Method Code, Number of Samples, Code Description, Test Wgt (g), Report Status, Lab. Rows include SS80, Dry at 60C, and 1DX2.

ADDITIONAL COMMENTS



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



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Client: **Selkirk Metals Corp.**  
 200 - 580 Hornby Street  
 Vancouver BC V6C 3B6 Canada

Project: FANDORA  
 Report Date: July 03, 2011

Page: 2 of 10 Part 1

CERTIFICATE OF ANALYSIS

VAN11002637.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm		
				0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	
535121	Soil			0.9	84.3	3.4	17	0.1	10.0	7.0	179	5.89	11.8	21.0	0.9	9	<0.1	0.4	0.1	179	0.13	0.037	2
535122	Soil			0.7	90.4	3.9	29	<0.1	15.3	8.1	141	4.65	17.2	75.7	0.7	13	<0.1	0.3	0.1	156	0.19	0.029	3
535123	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535124	Soil			0.3	214.8	2.7	51	<0.1	37.9	23.8	734	4.34	79.7	33.3	0.4	20	0.1	0.4	<0.1	120	0.38	0.071	3
535126	Soil			0.7	126.6	3.9	41	<0.1	25.9	20.9	653	5.02	29.5	47.0	0.5	19	0.1	0.4	0.1	154	0.37	0.052	3
535127	Soil			0.3	154.6	3.3	61	<0.1	36.6	26.4	689	4.57	13.1	10.3	0.4	25	0.1	0.3	<0.1	129	0.60	0.041	2
535128	Soil			1.1	86.8	6.1	31	0.1	13.0	15.3	407	6.55	17.6	278.4	0.6	10	0.2	0.5	0.2	197	0.16	0.040	2
535129	Soil			2.1	226.6	6.6	31	0.1	17.9	21.9	640	12.25	23.2	7.9	0.7	11	0.2	0.6	0.1	304	0.16	0.049	2
535130	Soil			1.0	146.1	5.4	38	0.2	17.3	17.6	579	5.42	9.6	77.1	0.5	16	0.2	0.5	<0.1	163	0.32	0.050	2
535131	Soil			0.5	20.6	4.8	16	<0.1	6.5	6.2	204	6.56	3.3	<0.5	0.5	18	0.1	1.1	<0.1	208	0.18	0.053	2
535133	Soil			0.7	77.7	5.5	32	0.2	19.4	15.1	386	5.03	20.7	2.8	0.5	26	0.2	1.6	<0.1	164	0.34	0.048	2
535134	Soil			0.7	77.2	5.0	41	0.1	19.8	45.9	1036	6.49	158.6	38.1	0.5	15	0.1	1.6	0.2	180	0.19	0.037	3
535135	Soil			0.8	86.5	4.9	25	<0.1	17.4	10.2	277	6.00	8.2	10.3	0.6	13	0.1	0.5	0.1	196	0.28	0.035	2
535136	Soil			0.7	60.2	4.8	24	<0.1	12.5	7.9	208	6.08	5.9	84.0	0.7	10	<0.1	0.5	0.1	218	0.21	0.032	2
535137	Soil			0.6	105.5	2.8	25	0.1	16.0	9.3	217	4.54	8.0	28.0	1.1	9	<0.1	0.3	<0.1	126	0.20	0.041	1
535138	Soil			1.1	220.2	4.0	52	0.3	31.6	25.8	1290	7.18	100.2	133.0	0.5	27	0.3	1.7	<0.1	208	0.47	0.051	3
535139	Soil			0.9	121.3	4.9	29	0.2	15.1	12.2	446	6.11	100.8	29.5	0.6	12	0.2	0.6	0.1	201	0.29	0.047	2
535140	Soil			0.9	181.2	5.7	33	0.2	16.3	13.9	556	7.83	63.7	23.3	0.7	10	0.2	0.6	0.1	220	0.18	0.042	2
535141	Soil			0.8	143.3	5.8	40	0.1	23.3	20.3	886	4.49	43.6	6.7	0.3	33	0.2	0.5	<0.1	142	0.61	0.057	2
535143	Soil			1.2	152.7	3.6	48	0.2	23.2	13.6	435	6.55	227.7	28.0	1.0	9	<0.1	0.6	<0.1	154	0.14	0.053	3
535144	Soil			0.7	171.3	3.5	37	0.2	14.8	12.3	563	5.48	73.0	33.9	0.6	12	0.2	0.5	0.3	155	0.30	0.069	3
535145	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535146	Soil			0.7	140.4	4.4	37	0.1	19.4	16.5	501	7.39	26.7	6.3	0.5	16	0.2	0.5	0.1	197	0.27	0.052	2
535147	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535148	Soil			0.2	226.8	4.1	68	<0.1	42.3	26.6	944	5.17	55.6	13.8	0.4	34	0.3	0.6	<0.1	145	0.61	0.072	3
535149	Soil			0.7	120.5	4.8	40	0.2	20.0	31.3	963	6.00	65.4	5.1	0.5	24	0.2	0.4	<0.1	191	0.42	0.041	2
535150	Soil			1.0	121.1	3.2	42	0.1	22.6	18.6	611	5.62	301.1	37.9	0.5	19	0.3	0.6	<0.1	152	0.32	0.051	4
535151	Soil			1.0	223.2	3.7	60	0.2	39.5	31.8	1654	5.63	379.0	22.2	0.5	23	0.3	0.9	<0.1	152	0.56	0.053	5
535153	Soil			0.8	298.2	4.0	67	0.1	41.6	33.1	1233	5.62	254.4	18.0	0.4	42	0.2	1.0	<0.1	155	0.73	0.058	4
535154	Soil			I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: FANDORA  
 Report Date: July 03, 2011

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CERTIFICATE OF ANALYSIS

VAN11002637.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
535121	Soil	75	0.27	7	0.359	2	4.87	0.016	0.01	<0.1	0.25	9.5	<0.1	0.06	11	4.4	<0.2
535122	Soil	62	0.43	9	0.405	3	4.46	0.016	0.01	0.2	0.19	7.1	<0.1	<0.05	12	1.2	<0.2
535123	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535124	Soil	62	1.23	13	0.192	5	4.53	0.020	0.02	0.2	0.09	8.0	<0.1	<0.05	8	<0.5	<0.2
535126	Soil	61	0.77	12	0.343	6	3.95	0.024	0.02	<0.1	0.17	6.7	<0.1	<0.05	11	0.8	<0.2
535127	Soil	58	1.39	20	0.276	7	3.45	0.028	0.03	<0.1	0.08	6.1	<0.1	<0.05	9	0.8	<0.2
535128	Soil	53	0.45	8	0.378	6	3.09	0.019	0.02	0.1	0.19	4.3	<0.1	0.06	14	2.8	<0.2
535129	Soil	76	0.56	11	0.558	4	4.30	0.019	0.02	<0.1	0.23	6.6	<0.1	<0.05	24	3.4	<0.2
535130	Soil	43	0.61	11	0.296	5	2.89	0.018	0.02	<0.1	0.14	4.8	<0.1	<0.05	11	1.1	<0.2
535131	Soil	27	0.22	11	0.515	7	1.60	0.019	0.02	<0.1	0.09	1.6	<0.1	0.06	12	0.7	<0.2
535133	Soil	57	0.59	14	0.396	9	2.93	0.018	0.01	<0.1	0.18	4.2	<0.1	<0.05	10	1.4	<0.2
535134	Soil	51	0.60	12	0.381	5	3.24	0.018	0.02	0.3	0.11	4.7	<0.1	<0.05	13	2.2	<0.2
535135	Soil	66	0.60	8	0.345	4	3.23	0.017	0.01	<0.1	0.10	4.8	<0.1	<0.05	17	0.8	<0.2
535136	Soil	60	0.43	7	0.322	3	2.97	0.014	0.01	<0.1	0.11	5.3	<0.1	<0.05	16	1.3	<0.2
535137	Soil	76	0.63	6	0.298	3	6.93	0.014	<0.01	<0.1	0.15	14.7	<0.1	0.07	9	2.2	<0.2
535138	Soil	79	1.48	22	0.341	6	5.28	0.022	0.03	0.1	0.22	10.4	<0.1	<0.05	14	2.1	<0.2
535139	Soil	54	0.60	11	0.342	4	3.89	0.026	0.02	0.1	0.19	6.0	<0.1	<0.05	13	1.1	<0.2
535140	Soil	51	0.66	12	0.219	3	3.98	0.015	0.02	<0.1	0.19	7.2	<0.1	<0.05	15	1.8	<0.2
535141	Soil	39	0.77	12	0.313	6	2.57	0.027	0.02	0.2	0.14	4.8	<0.1	<0.05	8	<0.5	<0.2
535143	Soil	80	0.62	16	0.247	3	6.64	0.015	0.02	0.3	0.39	10.4	<0.1	<0.05	12	3.0	<0.2
535144	Soil	47	0.59	14	0.292	10	4.65	0.034	0.04	0.3	0.36	6.7	<0.1	0.47	12	5.0	<0.2
535145	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535146	Soil	46	0.66	12	0.428	7	3.08	0.021	0.03	<0.1	0.18	4.8	<0.1	<0.05	14	2.2	<0.2
535147	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535148	Soil	58	1.73	23	0.321	6	3.61	0.020	0.03	0.2	0.08	8.4	<0.1	<0.05	10	<0.5	<0.2
535149	Soil	40	0.83	14	0.400	7	3.09	0.022	0.03	<0.1	0.10	5.0	<0.1	<0.05	13	0.7	<0.2
535150	Soil	59	0.78	15	0.328	8	4.31	0.017	0.04	0.2	0.23	7.1	<0.1	<0.05	12	1.9	<0.2
535151	Soil	82	1.35	34	0.230	4	5.24	0.019	0.04	0.1	0.13	11.4	<0.1	<0.05	10	1.5	<0.2
535153	Soil	69	1.54	26	0.302	7	4.18	0.021	0.04	0.2	0.07	10.1	<0.1	<0.05	10	1.0	<0.2
535154	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: FANDORA  
 Report Date: July 03, 2011

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CERTIFICATE OF ANALYSIS

VAN11002637.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
535155	Soil	0.9	439.8	4.2	60	0.2	53.5	46.6	1132	5.75	211.8	68.0	0.4	31	0.4	0.9	<0.1	169	0.63	0.046	3
535156	Soil	1.0	230.0	2.9	44	0.1	39.5	30.5	740	6.10	627.3	108.0	0.7	18	0.3	0.9	0.1	165	0.28	0.062	3
535157	Soil	1.0	86.4	4.6	25	0.2	18.9	10.0	193	6.44	392.2	166.6	0.6	13	0.2	0.8	0.1	214	0.22	0.037	2
535158	Soil	1.3	102.1	2.4	25	0.3	19.2	12.1	212	4.67	1081	81.8	0.9	10	<0.1	0.5	<0.1	75	0.18	0.076	3
535159	Soil	0.7	201.7	4.6	63	0.1	46.4	36.1	1075	4.75	170.8	113.7	0.5	35	0.3	1.2	<0.1	137	0.68	0.067	3
535160	Soil	0.7	131.3	2.6	42	0.2	27.6	15.1	362	4.20	28.9	14.6	0.8	10	0.1	0.5	<0.1	109	0.23	0.059	3
535162	Soil	0.4	220.3	2.5	44	0.2	28.5	47.4	794	3.86	26.7	73.6	0.5	17	0.2	0.9	<0.1	109	0.42	0.162	5
535163	Soil	0.6	107.3	3.9	41	0.2	19.3	9.4	244	7.40	20.9	16.3	1.0	13	<0.1	3.1	0.1	238	0.21	0.040	2
535164	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535165	Soil	0.5	192.7	3.1	52	0.2	29.7	25.8	561	5.72	39.4	16.9	0.7	13	0.1	2.0	<0.1	179	0.26	0.074	4
535166	Soil	0.6	97.1	4.5	46	<0.1	22.8	13.7	384	6.89	10.4	21.7	1.0	18	<0.1	0.7	0.1	210	0.29	0.039	3
535167	Soil	0.5	92.5	4.7	33	<0.1	17.4	9.9	276	5.87	7.8	4.3	0.6	16	0.1	0.5	0.1	147	0.26	0.036	4
535168	Soil	0.3	162.0	3.5	53	<0.1	30.7	21.0	628	4.36	11.4	13.5	0.4	24	0.1	0.5	<0.1	121	0.57	0.061	2
535169	Soil	0.2	146.4	3.8	54	<0.1	31.8	21.2	551	4.34	9.7	23.1	0.4	23	0.1	0.5	<0.1	121	0.58	0.075	2
535171	Soil	0.2	231.4	2.3	62	<0.1	37.9	26.2	722	4.48	13.6	20.3	0.4	27	0.2	0.5	<0.1	120	0.74	0.092	3
535172	Soil	0.4	85.9	3.7	40	<0.1	22.9	13.3	335	5.72	7.7	9.1	0.8	17	<0.1	0.4	<0.1	146	0.31	0.029	3
535173	Soil	0.1	198.3	2.3	53	<0.1	32.4	21.8	587	3.99	10.9	16.6	0.5	27	0.1	0.5	<0.1	114	0.77	0.061	3
535174	Soil	0.4	116.9	3.4	36	0.2	22.8	15.1	477	4.19	19.6	40.0	0.5	17	0.1	0.4	0.1	124	0.46	0.067	3
535175	Soil	0.6	279.1	3.1	61	0.6	42.9	34.0	794	4.37	62.7	229.0	0.4	25	0.2	1.0	<0.1	129	0.57	0.098	5
535176	Soil	0.2	114.9	2.9	54	<0.1	32.4	18.8	654	3.60	8.1	70.1	0.8	23	0.1	0.3	<0.1	93	0.68	0.056	3
535177	Soil	0.2	228.1	2.6	65	<0.1	42.0	27.2	831	4.71	16.6	21.6	0.6	26	0.1	0.5	<0.1	132	0.63	0.068	3
535178	Soil	0.5	97.0	3.7	39	<0.1	29.1	13.3	506	3.34	3.9	4.3	1.0	16	<0.1	0.2	<0.1	87	0.36	0.058	3
535179	Soil	0.6	67.4	4.4	34	<0.1	24.5	13.7	630	3.23	3.2	3.5	0.9	14	0.1	0.2	<0.1	82	0.36	0.052	3
535181	Soil	0.5	68.9	4.2	45	<0.1	30.3	12.4	473	2.99	2.7	3.5	1.5	18	<0.1	0.1	<0.1	69	0.48	0.048	3
535182	Soil	0.7	62.0	4.2	19	<0.1	11.1	7.3	185	5.30	4.3	4.8	1.0	13	<0.1	0.3	0.1	160	0.23	0.028	3
535183	Soil	1.7	53.8	4.8	19	<0.1	11.1	6.3	182	4.78	3.8	5.0	1.3	11	<0.1	0.3	0.1	160	0.17	0.026	3
535184	Soil	0.9	128.0	4.3	57	<0.1	50.1	19.9	692	3.81	5.4	26.4	1.6	42	0.1	0.3	<0.1	99	0.85	0.066	3
535185	Soil	1.2	86.5	4.5	35	<0.1	28.3	12.3	376	4.50	2.7	3.3	1.0	19	<0.1	0.2	0.1	154	0.42	0.038	3
535186	Soil	1.0	114.3	3.0	40	<0.1	31.1	15.5	456	3.41	4.3	13.1	0.7	22	0.2	0.2	<0.1	100	0.53	0.053	3
535187	Soil	1.9	106.4	3.9	48	<0.1	61.3	22.5	721	3.34	4.9	7.5	1.1	47	<0.1	0.2	<0.1	80	0.82	0.060	3

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Page: 3 of 10 Part 2

CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
535155	Soil	97	1.78	28	0.313	8	4.50	0.019	0.03	0.2	0.12	9.0	<0.1	<0.05	12	0.7	<0.2
535156	Soil	116	1.08	13	0.348	5	6.02	0.013	0.02	0.1	0.27	10.3	<0.1	<0.05	12	2.9	<0.2
535157	Soil	143	0.41	7	0.341	3	4.61	0.013	0.01	<0.1	0.26	6.5	<0.1	<0.05	14	2.0	<0.2
535158	Soil	121	0.46	5	0.168	4	7.37	0.010	<0.01	0.3	0.51	9.3	<0.1	<0.05	7	4.0	<0.2
535159	Soil	87	1.52	21	0.318	5	4.14	0.024	0.03	0.2	0.12	8.8	<0.1	<0.05	9	<0.5	<0.2
535160	Soil	70	1.04	8	0.311	2	7.48	0.017	0.01	0.1	0.21	9.5	<0.1	<0.05	9	3.0	<0.2
535162	Soil	63	1.09	12	0.249	5	7.63	0.020	0.02	0.3	0.22	11.0	<0.1	<0.05	9	3.3	<0.2
535163	Soil	85	0.58	8	0.579	1	5.26	0.016	<0.01	0.2	0.24	9.5	<0.1	<0.05	15	2.9	<0.2
535164	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535165	Soil	70	0.94	12	0.413	1	6.17	0.011	0.01	<0.1	0.19	9.7	<0.1	<0.05	11	1.4	<0.2
535166	Soil	63	0.88	12	0.584	2	4.19	0.025	0.03	0.1	0.20	7.3	<0.1	<0.05	14	1.7	<0.2
535167	Soil	58	0.69	7	0.443	2	4.57	0.021	0.02	<0.1	0.29	8.2	<0.1	<0.05	13	2.6	<0.2
535168	Soil	50	1.30	21	0.259	3	3.10	0.025	0.02	<0.1	0.13	5.4	<0.1	<0.05	9	1.1	<0.2
535169	Soil	49	1.48	21	0.259	3	3.42	0.025	0.03	<0.1	0.12	5.6	<0.1	<0.05	9	0.6	<0.2
535171	Soil	55	1.78	29	0.214	2	4.08	0.028	0.04	<0.1	0.05	7.2	<0.1	<0.05	9	<0.5	<0.2
535172	Soil	59	0.94	9	0.460	1	4.15	0.017	0.02	<0.1	0.32	6.0	<0.1	<0.05	12	2.0	<0.2
535173	Soil	51	1.48	22	0.212	3	3.59	0.030	0.03	<0.1	0.07	6.3	<0.1	<0.05	8	0.8	<0.2
535174	Soil	49	0.92	11	0.274	2	4.10	0.019	0.02	<0.1	0.23	5.8	<0.1	<0.05	10	2.2	<0.2
535175	Soil	78	1.49	30	0.299	4	6.22	0.027	0.02	0.2	0.22	10.6	<0.1	0.08	10	2.9	<0.2
535176	Soil	52	1.32	29	0.207	3	2.90	0.028	0.03	<0.1	0.06	5.4	<0.1	<0.05	8	<0.5	<0.2
535177	Soil	58	1.91	31	0.258	4	4.41	0.027	0.04	<0.1	0.07	8.0	<0.1	<0.05	9	<0.5	<0.2
535178	Soil	54	0.89	26	0.186	3	4.13	0.022	0.03	<0.1	0.19	5.7	<0.1	0.06	9	1.2	<0.2
535179	Soil	45	0.77	24	0.150	3	3.66	0.021	0.03	<0.1	0.17	4.9	<0.1	<0.05	10	1.5	<0.2
535181	Soil	55	0.88	32	0.148	3	3.73	0.020	0.04	<0.1	0.16	5.3	<0.1	<0.05	8	1.4	<0.2
535182	Soil	50	0.39	9	0.354	1	3.95	0.019	0.01	<0.1	0.26	5.8	<0.1	0.06	13	2.5	<0.2
535183	Soil	51	0.33	9	0.311	2	4.54	0.018	0.02	<0.1	0.20	5.8	<0.1	0.06	13	3.4	<0.2
535184	Soil	75	1.39	49	0.210	6	3.42	0.020	0.04	0.1	0.11	5.7	<0.1	<0.05	9	0.7	<0.2
535185	Soil	51	0.78	26	0.283	2	3.18	0.018	0.03	<0.1	0.15	4.8	<0.1	<0.05	13	1.9	<0.2
535186	Soil	51	1.01	23	0.210	3	3.97	0.025	0.03	<0.1	0.14	5.4	<0.1	<0.05	8	1.3	<0.2
535187	Soil	76	1.40	63	0.163	3	4.23	0.028	0.05	0.1	0.11	6.1	<0.1	<0.05	8	1.1	<0.2

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Project: FANDORA  
 Report Date: July 03, 2011

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CERTIFICATE OF ANALYSIS

VAN11002637.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
535189	Soil	3.5	96.5	4.9	48	<0.1	41.8	18.9	541	3.71	3.7	1.8	0.8	42	0.2	0.3	<0.1	113	0.83	0.070	3
535190	Soil	1.2	91.8	2.9	43	<0.1	56.2	20.1	586	3.46	4.3	2.9	1.4	55	<0.1	0.3	<0.1	88	0.73	0.053	3
535191	Soil	1.3	74.0	5.0	43	<0.1	50.6	20.8	756	3.08	4.5	23.0	0.9	26	0.4	0.2	<0.1	76	0.55	0.068	3
535192	Soil	1.1	80.5	3.6	34	<0.1	28.2	12.4	400	3.32	6.5	4.4	1.1	18	<0.1	0.2	<0.1	91	0.42	0.046	3
535193	Soil	1.6	66.1	4.1	30	<0.1	22.6	11.4	357	3.76	3.6	5.3	1.2	18	<0.1	0.2	<0.1	98	0.37	0.045	3
535195	Soil	0.5	99.9	3.1	58	<0.1	52.6	25.2	869	3.93	10.0	5.4	1.0	50	0.1	0.2	<0.1	98	0.99	0.071	3
535196	Soil	0.4	90.2	2.7	49	<0.1	64.7	25.5	774	3.73	10.6	4.2	1.1	37	0.1	0.2	<0.1	94	1.14	0.076	3
535197	Soil	0.5	84.9	2.7	51	<0.1	64.6	23.6	798	3.60	11.1	25.7	0.9	31	0.1	0.2	<0.1	94	1.04	0.073	3
535198	Soil	1.2	101.4	3.1	54	<0.1	43.0	22.6	756	3.73	24.2	6.3	0.9	33	0.1	0.3	<0.1	95	0.77	0.068	4
535199	Soil	0.8	58.5	3.4	30	0.1	18.5	9.8	273	3.22	3.3	1.4	0.4	12	<0.1	0.2	<0.1	66	0.28	0.052	3
535200	Soil	0.6	78.8	4.0	44	<0.1	24.8	15.2	640	3.52	3.1	23.9	1.4	25	<0.1	0.2	<0.1	90	0.43	0.067	3
535201	Soil	0.5	100.7	2.1	51	<0.1	31.8	17.4	682	3.30	5.4	13.0	0.9	41	<0.1	0.2	<0.1	81	0.75	0.059	3
535202	Soil	0.4	30.9	2.4	46	<0.1	13.1	11.1	560	3.03	2.0	2.0	0.9	29	<0.1	0.1	<0.1	60	0.81	0.060	2
535203	Soil	0.4	36.8	2.9	49	<0.1	10.8	12.2	638	3.34	2.3	3.3	1.1	36	<0.1	0.1	<0.1	67	0.87	0.063	3
535204	Soil	0.5	39.6	4.8	54	<0.1	12.7	12.9	660	3.28	2.0	2.5	1.0	37	0.1	0.1	<0.1	64	0.75	0.057	2
535205	Soil	0.8	181.6	5.0	73	<0.1	110.2	35.0	1129	4.07	5.7	4.2	1.8	74	<0.1	0.3	<0.1	88	1.27	0.081	3
535206	Soil	0.3	26.1	2.1	41	<0.1	8.6	10.3	500	2.93	2.2	1.3	1.0	37	<0.1	0.2	<0.1	56	0.94	0.063	2
535207	Soil	1.6	29.5	4.1	22	<0.1	9.0	6.1	214	5.06	3.0	1.9	1.3	11	<0.1	0.2	<0.1	121	0.17	0.024	3
535208	Soil	1.2	47.1	3.1	29	<0.1	14.1	9.6	403	2.57	3.1	4.1	0.7	25	<0.1	0.2	<0.1	93	0.47	0.033	2
535209	Soil	0.4	28.5	2.4	41	<0.1	9.4	10.9	600	3.22	2.6	1.6	1.0	46	<0.1	0.1	<0.1	60	0.98	0.049	2
535210	Soil	1.2	32.5	4.4	23	<0.1	5.3	4.6	227	2.85	4.5	1.7	0.5	13	<0.1	0.2	<0.1	60	0.27	0.059	2
535211	Soil	3.1	27.1	4.9	31	<0.1	6.8	8.2	390	3.24	4.6	2.6	0.9	18	0.2	0.2	<0.1	77	0.39	0.051	2
535213	Soil	0.8	40.0	3.5	42	<0.1	10.5	14.0	714	3.44	3.2	3.3	1.0	48	<0.1	0.2	<0.1	75	1.14	0.059	2
535214	Soil	0.6	31.3	2.9	37	<0.1	8.8	9.2	496	3.15	2.7	5.1	1.3	30	<0.1	0.1	<0.1	58	0.83	0.052	3
535215	Soil	0.4	21.1	1.7	30	<0.1	7.3	9.1	467	2.87	2.2	2.7	1.0	52	<0.1	0.1	<0.1	58	1.10	0.059	2
535216	Soil	0.6	58.0	2.0	64	<0.1	11.9	9.6	434	2.67	3.4	5.5	0.8	42	0.1	0.2	<0.1	70	1.03	0.068	3
535217	Soil	0.4	45.6	4.1	41	<0.1	11.8	10.4	528	3.18	5.4	4.9	1.2	30	<0.1	0.3	<0.1	68	0.81	0.048	3
535219	Soil	0.6	26.2	3.6	60	<0.1	8.3	10.2	571	3.17	3.0	2.9	0.8	43	<0.1	0.2	<0.1	63	1.08	0.067	2
535220	Soil	0.7	60.8	3.4	28	<0.1	13.2	9.6	366	3.49	4.1	4.6	0.8	26	<0.1	0.2	<0.1	112	0.66	0.050	3
535221	Soil	0.4	32.3	2.5	46	<0.1	10.7	9.7	521	2.77	3.1	2.4	0.8	34	<0.1	0.1	<0.1	63	0.93	0.062	3

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Project: FANDORA  
 Report Date: July 03, 2011

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# CERTIFICATE OF ANALYSIS

VAN11002637.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
535189	Soil	60	1.14	39	0.236	5	3.89	0.029	0.04	0.2	0.11	6.2	<0.1	<0.05	11	0.7	<0.2
535190	Soil	65	1.29	40	0.163	2	2.75	0.019	0.03	<0.1	0.20	4.4	<0.1	<0.05	8	<0.5	<0.2
535191	Soil	71	1.05	39	0.128	3	3.26	0.019	0.03	<0.1	0.36	4.4	<0.1	<0.05	8	1.1	<0.2
535192	Soil	54	0.79	31	0.182	3	4.53	0.019	0.03	<0.1	0.19	5.2	<0.1	<0.05	9	1.5	<0.2
535193	Soil	54	0.66	33	0.187	3	4.66	0.019	0.03	<0.1	0.22	5.3	<0.1	<0.05	10	1.9	<0.2
535195	Soil	127	1.85	86	0.159	4	4.17	0.018	0.04	0.1	0.11	9.0	<0.1	<0.05	9	0.6	<0.2
535196	Soil	171	1.96	62	0.168	4	3.76	0.019	0.04	0.1	0.08	8.7	<0.1	<0.05	8	0.6	<0.2
535197	Soil	165	1.93	66	0.172	5	3.73	0.019	0.03	0.1	0.09	8.5	<0.1	<0.05	8	0.7	<0.2
535198	Soil	91	1.48	93	0.176	4	4.58	0.022	0.04	0.1	0.12	8.3	<0.1	<0.05	9	0.7	<0.2
535199	Soil	45	0.61	18	0.145	2	3.83	0.023	0.02	<0.1	0.25	4.6	<0.1	<0.05	8	3.1	<0.2
535200	Soil	55	1.07	94	0.160	7	4.51	0.016	0.03	0.2	0.12	6.9	<0.1	<0.05	10	0.7	<0.2
535201	Soil	51	1.28	63	0.171	6	3.55	0.018	0.03	0.1	0.09	5.5	<0.1	<0.05	8	<0.5	<0.2
535202	Soil	30	1.14	68	0.111	5	2.04	0.016	0.03	0.1	0.04	4.4	<0.1	<0.05	6	<0.5	<0.2
535203	Soil	25	1.24	148	0.124	7	2.82	0.018	0.03	0.2	0.04	5.4	<0.1	<0.05	7	<0.5	<0.2
535204	Soil	30	1.11	195	0.111	7	3.18	0.019	0.04	0.1	0.08	5.4	<0.1	<0.05	8	0.8	<0.2
535205	Soil	126	2.12	142	0.164	10	3.63	0.017	0.04	0.2	0.08	6.0	<0.1	<0.05	8	<0.5	<0.2
535206	Soil	16	1.02	94	0.114	9	2.05	0.018	0.03	<0.1	0.02	4.4	<0.1	<0.05	6	<0.5	<0.2
535207	Soil	49	0.42	15	0.200	2	3.74	0.013	0.02	<0.1	0.17	5.3	<0.1	<0.05	14	2.5	<0.2
535208	Soil	31	0.72	26	0.179	3	2.52	0.019	0.02	<0.1	0.09	4.2	<0.1	<0.05	9	<0.5	<0.2
535209	Soil	21	1.13	116	0.119	7	2.41	0.020	0.04	0.1	0.04	5.3	<0.1	<0.05	7	<0.5	<0.2
535210	Soil	16	0.31	16	0.123	4	2.90	0.018	0.02	0.2	0.19	3.1	<0.1	<0.05	10	1.5	<0.2
535211	Soil	25	0.36	23	0.117	3	4.96	0.016	0.02	0.1	0.18	4.8	<0.1	<0.05	11	1.8	<0.2
535213	Soil	18	1.01	92	0.153	6	2.53	0.024	0.04	0.3	0.08	5.6	<0.1	<0.05	8	<0.5	<0.2
535214	Soil	18	1.02	50	0.131	5	2.04	0.021	0.04	<0.1	0.04	5.6	<0.1	<0.05	7	<0.5	<0.2
535215	Soil	16	0.84	90	0.115	7	2.12	0.022	0.04	0.1	0.03	4.9	<0.1	<0.05	7	<0.5	<0.2
535216	Soil	23	0.81	69	0.159	7	2.57	0.023	0.03	0.1	0.05	5.0	<0.1	<0.05	7	<0.5	<0.2
535217	Soil	21	1.00	96	0.159	5	2.14	0.021	0.03	0.3	0.04	5.7	<0.1	<0.05	7	<0.5	<0.2
535219	Soil	15	1.08	92	0.126	7	2.12	0.020	0.03	0.5	0.03	4.7	<0.1	<0.05	6	<0.5	<0.2
535220	Soil	36	0.74	31	0.269	4	3.30	0.023	0.02	<0.1	0.13	6.1	<0.1	<0.05	10	1.0	<0.2
535221	Soil	24	0.92	56	0.117	5	1.90	0.024	0.03	0.2	0.05	4.2	<0.1	<0.05	5	<0.5	<0.2



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CERTIFICATE OF ANALYSIS

VAN11002637.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
535222	Soil	0.5	43.9	4.5	33	0.1	14.9	11.5	491	3.17	4.1	6.8	0.5	26	0.1	0.2	<0.1	84	0.46	0.052	3
535223	Soil	0.4	68.4	2.2	43	<0.1	20.2	17.0	634	3.40	3.7	4.5	0.9	39	<0.1	0.2	<0.1	98	0.99	0.062	3
535224	Soil	0.6	30.1	4.4	27	<0.1	11.3	6.1	236	4.73	4.9	2.5	0.9	21	<0.1	0.2	0.1	95	0.22	0.037	4
535226	Soil	0.8	99.4	2.1	53	<0.1	47.2	25.5	1036	4.30	4.6	1.7	0.6	46	<0.1	0.1	<0.1	106	1.43	0.067	2
535227	Soil	0.7	41.2	3.9	24	<0.1	7.7	6.6	335	5.36	4.3	2.3	1.1	21	<0.1	0.2	0.1	126	0.22	0.040	4
535228	Soil	0.9	6.7	9.9	15	<0.1	2.7	2.6	123	3.73	2.5	3.5	0.7	10	0.1	0.3	0.2	150	0.14	0.022	2
535229	Soil	0.6	9.3	14.1	12	0.1	3.1	2.7	185	1.84	1.7	4.3	0.1	8	0.2	0.2	0.2	77	0.11	0.064	3
535230	Soil	0.4	4.9	3.6	5	<0.1	1.3	2.3	40	0.50	1.9	3.3	0.2	8	<0.1	0.2	<0.1	22	0.07	0.026	2
535231	Soil	1.8	17.4	6.2	21	0.2	7.7	5.9	216	6.55	3.5	16.5	1.3	12	<0.1	0.3	0.2	123	0.19	0.031	3
535232	Soil	1.0	33.6	4.6	32	<0.1	10.7	8.9	333	4.95	3.5	6.0	1.4	17	<0.1	0.2	<0.1	118	0.26	0.022	3
535234	Soil	0.6	8.5	10.3	10	0.1	3.0	2.8	97	3.92	2.6	6.4	0.6	14	0.2	0.4	0.1	131	0.20	0.030	3
535235	Soil	0.8	19.7	5.5	17	<0.1	6.7	5.5	176	6.65	3.6	6.4	1.2	15	<0.1	0.4	0.1	174	0.22	0.018	2
535236	Soil	0.3	5.9	8.3	10	<0.1	3.0	1.7	71	0.77	0.8	3.5	0.2	15	<0.1	0.3	0.1	71	0.18	0.026	2
535237	Soil	0.8	11.4	6.0	5	<0.1	2.2	2.9	47	8.08	2.4	4.6	0.7	7	<0.1	0.6	0.2	283	0.08	0.017	2
535238	Soil	0.7	21.2	6.1	11	0.2	3.6	3.2	86	5.44	1.7	2.0	0.8	11	0.1	0.4	0.1	196	0.15	0.016	2
535239	Soil	0.9	113.2	3.7	23	0.3	11.2	11.4	308	2.99	2.3	38.7	0.7	10	0.1	0.2	<0.1	84	0.25	0.039	16
535240	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535242	Soil	0.8	50.2	5.5	17	0.2	10.0	6.8	130	7.24	32.5	12.6	0.6	17	<0.1	0.8	0.1	238	0.20	0.025	2
535243	Soil	0.4	135.5	4.4	44	<0.1	18.4	16.3	617	2.74	13.0	6.9	0.4	23	0.2	0.3	<0.1	88	0.63	0.079	3
535244	Soil	0.6	29.0	5.8	13	<0.1	8.0	6.8	126	6.30	6.9	7.8	0.4	13	<0.1	0.6	<0.1	232	0.24	0.026	2
535245	Soil	0.8	97.4	4.9	33	0.2	17.0	12.4	359	4.81	63.3	39.5	0.6	18	0.1	0.5	0.1	159	0.31	0.054	3
535246	Soil	0.6	142.6	4.6	39	0.1	23.8	16.0	516	4.90	77.4	12.5	0.5	26	0.2	0.7	<0.1	163	0.40	0.054	3
535247	Soil	0.9	172.9	2.9	39	<0.1	25.3	14.0	269	4.91	67.2	19.2	0.8	23	0.1	0.6	<0.1	162	0.37	0.035	4
535249	Soil	0.5	82.4	4.4	28	0.1	16.6	9.3	292	5.17	35.3	14.5	0.6	18	0.2	0.7	<0.1	168	0.28	0.037	2
535250	Soil	0.6	102.5	2.7	50	<0.1	26.7	23.4	703	3.66	116.0	22.5	0.3	31	0.1	0.7	<0.1	109	0.84	0.049	2
535251	Soil	2.9	47.3	5.5	24	0.2	8.1	7.4	198	6.56	45.8	17.0	1.1	14	0.2	0.9	0.1	219	0.20	0.048	3
535252	Soil	2.7	48.2	7.6	54	0.1	15.2	19.8	936	4.19	5.7	3.3	1.1	17	0.2	0.5	0.2	105	0.28	0.068	5
535255	Soil	0.8	214.0	3.8	43	<0.1	28.7	23.3	717	4.00	159.7	19.6	0.5	26	0.1	0.8	<0.1	136	0.64	0.098	3
535256	Soil	0.5	71.5	4.3	25	0.1	14.2	13.1	367	3.23	41.6	13.0	0.4	17	0.2	0.3	<0.1	97	0.33	0.057	3
535258	Soil	2.2	33.8	6.7	21	<0.1	8.1	7.1	265	7.08	197.1	5.2	0.8	19	<0.1	1.2	0.2	246	0.28	0.026	3

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Report Date: July 03, 2011

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# CERTIFICATE OF ANALYSIS

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Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm	Se ppm	Te ppm	
535222	Soil	37	0.71	16	0.239	4	3.00	0.024	0.02	<0.1	0.18	4.3	<0.1	0.05	9	1.9	<0.2
535223	Soil	49	1.08	109	0.220	5	3.17	0.024	0.03	0.1	0.07	5.9	<0.1	<0.05	7	0.6	<0.2
535224	Soil	58	0.48	13	0.224	3	4.33	0.012	0.02	0.1	0.38	6.8	<0.1	<0.05	11	2.1	<0.2
535226	Soil	119	1.72	141	0.170	6	3.64	0.034	0.04	<0.1	0.04	8.3	<0.1	<0.05	9	<0.5	<0.2
535227	Soil	41	0.34	21	0.251	3	4.48	0.016	0.02	<0.1	0.23	7.5	<0.1	<0.05	14	1.8	<0.2
535228	Soil	11	0.22	13	0.174	2	1.43	0.012	0.03	<0.1	0.09	1.4	<0.1	<0.05	20	0.7	<0.2
535229	Soil	10	0.21	18	0.089	4	1.26	0.014	0.03	<0.1	0.26	1.4	<0.1	0.12	10	0.8	<0.2
535230	Soil	3	0.03	14	0.048	6	0.33	0.019	0.03	<0.1	0.18	0.5	<0.1	<0.05	3	<0.5	<0.2
535231	Soil	37	0.41	11	0.313	3	3.00	0.016	0.02	<0.1	0.33	3.4	<0.1	0.05	14	3.7	<0.2
535232	Soil	38	0.78	8	0.361	1	3.67	0.014	0.01	<0.1	0.27	6.7	<0.1	<0.05	12	1.9	<0.2
535234	Soil	18	0.15	10	0.315	4	1.06	0.015	0.02	0.1	0.18	2.2	<0.1	<0.05	11	1.3	<0.2
535235	Soil	41	0.40	7	0.425	3	2.83	0.016	0.01	<0.1	0.17	4.3	<0.1	<0.05	16	1.7	<0.2
535236	Soil	10	0.17	9	0.240	1	0.71	0.016	0.03	<0.1	0.12	1.3	<0.1	0.06	10	<0.5	<0.2
535237	Soil	38	0.04	5	0.481	<1	1.31	0.007	0.01	<0.1	0.09	0.7	<0.1	<0.05	22	0.6	<0.2
535238	Soil	36	0.16	6	0.331	1	2.75	0.011	0.01	<0.1	0.11	2.8	<0.1	<0.05	16	0.6	<0.2
535239	Soil	40	0.43	19	0.183	4	6.26	0.017	0.01	<0.1	0.30	8.1	<0.1	0.05	7	2.9	<0.2
535240	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535242	Soil	50	0.35	8	0.528	2	2.08	0.017	0.01	<0.1	0.12	2.4	<0.1	<0.05	18	0.9	<0.2
535243	Soil	37	0.84	20	0.183	4	3.33	0.031	0.02	0.2	0.11	4.4	<0.1	<0.05	7	0.7	<0.2
535244	Soil	42	0.36	9	0.650	3	1.37	0.029	0.02	<0.1	0.13	2.2	<0.1	<0.05	15	1.1	<0.2
535245	Soil	53	0.64	13	0.429	3	3.44	0.024	0.02	0.3	0.21	4.8	<0.1	0.06	11	3.1	<0.2
535246	Soil	60	0.83	17	0.445	3	3.36	0.027	0.02	0.3	0.16	5.6	<0.1	<0.05	10	2.8	<0.2
535247	Soil	64	0.83	16	0.415	3	5.44	0.027	0.01	0.5	0.16	9.4	<0.1	<0.05	10	2.0	<0.2
535249	Soil	54	0.58	10	0.417	3	3.22	0.021	0.02	1.3	0.19	5.3	<0.1	<0.05	11	1.9	<0.2
535250	Soil	43	1.14	13	0.280	7	2.23	0.032	0.03	0.3	0.05	4.1	<0.1	<0.05	7	<0.5	<0.2
535251	Soil	58	0.29	8	0.546	<1	4.14	0.017	0.02	4.1	0.27	5.3	<0.1	<0.05	15	3.5	<0.2
535252	Soil	36	0.47	15	0.339	6	4.25	0.024	0.03	0.4	0.33	5.2	<0.1	<0.05	10	3.2	<0.2
535255	Soil	51	0.98	14	0.288	5	5.36	0.034	0.02	0.3	0.13	6.6	<0.1	<0.05	10	2.1	<0.2
535256	Soil	38	0.58	10	0.291	5	4.84	0.028	0.02	0.1	0.26	5.7	<0.1	<0.05	8	3.3	<0.2
535258	Soil	64	0.34	19	0.596	2	3.56	0.021	0.02	0.1	0.14	3.4	<0.1	<0.05	18	1.9	<0.2





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Project: FANDORA  
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Method Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
			0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
535259	Soil		3.2	29.3	7.3	21	<0.1	7.0	6.5	189	8.80	30.4	6.2	0.9	15	0.1	1.8	0.2	274	0.19	0.026	2
535263	Soil		3.2	8.5	11.3	12	<0.1	2.7	3.4	200	0.78	10.4	2.0	0.1	22	<0.1	1.5	0.1	102	0.34	0.032	3
535264	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535265	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535266	Soil		1.2	75.7	5.3	27	0.1	10.2	9.8	335	6.14	6.8	2.1	1.3	14	<0.1	0.9	0.2	166	0.21	0.046	3
535267	Soil		1.4	41.6	7.0	16	0.1	6.1	7.3	342	7.62	4.1	4.7	0.9	10	<0.1	1.4	0.2	252	0.14	0.027	3
535268	Soil		1.9	58.5	6.9	38	0.1	9.5	10.7	238	7.83	92.9	4.0	0.7	20	0.1	0.7	0.2	242	0.46	0.031	3
535269	Soil		0.9	70.0	5.4	19	0.2	7.5	6.0	211	4.33	4.0	7.1	1.4	13	<0.1	0.3	0.1	138	0.21	0.049	12
535270	Soil		0.8	36.5	6.7	17	0.2	5.5	4.6	194	6.82	2.6	2.1	1.3	9	0.1	0.3	0.1	197	0.14	0.030	3
535272	Soil		0.9	45.2	5.3	17	0.2	6.3	4.3	142	5.29	3.8	1.3	2.2	7	0.1	0.2	<0.1	120	0.12	0.054	4
535273	Soil		0.9	48.6	5.9	18	0.1	5.8	4.8	175	6.18	2.8	2.0	1.2	11	0.1	0.2	0.1	158	0.17	0.047	4
535274	Soil		0.8	106.9	4.1	26	0.1	10.0	8.7	342	4.17	3.5	4.2	1.2	9	<0.1	0.1	<0.1	126	0.20	0.077	5
535275	Soil		2.5	69.3	4.8	21	<0.1	8.1	10.9	567	7.26	4.4	2.5	1.1	11	<0.1	0.2	0.2	178	0.21	0.048	3
535276	Soil		0.6	12.7	9.1	13	<0.1	3.6	3.0	180	2.89	3.6	1.8	0.5	18	0.1	0.3	0.2	180	0.24	0.025	2
535277	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535278	Soil		0.8	42.9	10.5	28	0.2	15.8	14.6	630	7.41	11.8	12.5	0.7	24	0.2	2.0	0.1	190	0.22	0.059	3
535279	Soil		1.0	73.2	4.6	24	<0.1	10.0	7.2	218	4.43	6.7	4.4	0.9	12	<0.1	0.3	0.1	122	0.19	0.039	4
535280	Soil		1.2	74.6	3.8	19	0.1	7.8	6.4	243	5.88	9.0	7.6	1.4	7	<0.1	0.3	<0.1	146	0.16	0.053	4
535282	Soil		0.4	124.5	3.8	30	<0.1	14.9	15.4	433	3.08	209.7	17.6	1.0	15	<0.1	0.5	<0.1	88	0.52	0.120	6
535283	Soil		0.9	136.6	3.2	42	0.1	24.9	18.7	348	8.63	138.5	33.7	0.5	24	0.2	2.1	<0.1	232	0.35	0.038	4
535284	Soil		0.6	182.4	5.7	75	<0.1	17.7	23.8	1139	4.53	23.8	14.5	1.9	39	0.2	0.2	<0.1	154	0.92	0.134	7
535285	Soil		0.7	139.0	4.2	60	0.2	31.1	27.1	775	5.26	95.3	26.3	0.6	25	0.2	1.2	<0.1	163	0.53	0.054	4
535287	Soil		1.4	20.0	12.7	12	<0.1	4.2	5.9	96	3.71	38.5	9.0	0.6	19	<0.1	1.6	0.2	214	0.30	0.023	3
535288	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535289	Soil		3.3	31.9	7.7	26	<0.1	7.1	10.3	317	6.98	79.4	14.4	0.9	11	<0.1	2.9	0.1	241	0.26	0.031	3
535291	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535292	Soil		1.9	38.9	5.1	17	<0.1	6.0	6.3	253	6.93	27.9	4.6	0.9	10	<0.1	1.0	0.2	219	0.19	0.029	2
535293	Soil		0.6	12.8	3.9	6	<0.1	4.3	4.5	109	3.85	8.7	13.5	0.4	9	<0.1	0.8	0.2	247	0.14	0.020	2
535294	Soil		N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535296	Soil		I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
535259	Soil	51	0.29	12	0.482	2	2.70	0.013	0.02	<0.1	0.13	2.8	<0.1	<0.05	22	1.5	<0.2
535263	Soil	16	0.12	15	0.270	3	0.69	0.022	0.03	<0.1	0.10	2.4	<0.1	<0.05	12	<0.5	<0.2
535264	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535265	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535266	Soil	46	0.48	9	0.467	3	4.53	0.018	0.02	0.2	0.38	7.3	<0.1	<0.05	14	3.3	<0.2
535267	Soil	44	0.18	9	0.442	2	2.77	0.015	0.02	<0.1	0.24	3.2	<0.1	<0.05	19	1.9	<0.2
535268	Soil	44	0.38	14	0.422	3	3.18	0.022	0.02	<0.1	0.12	3.4	<0.1	<0.05	19	1.7	<0.2
535269	Soil	45	0.35	14	0.395	5	7.00	0.017	0.02	0.1	0.53	8.1	<0.1	<0.05	12	4.9	<0.2
535270	Soil	50	0.19	8	0.374	1	4.01	0.017	0.02	<0.1	0.34	7.2	<0.1	<0.05	18	3.3	<0.2
535272	Soil	58	0.24	9	0.311	2	7.72	0.015	0.01	<0.1	0.81	8.2	<0.1	<0.05	12	6.3	<0.2
535273	Soil	38	0.24	14	0.341	2	4.41	0.017	0.02	<0.1	0.50	4.2	<0.1	<0.05	15	4.3	<0.2
535274	Soil	39	0.46	10	0.348	2	7.52	0.017	0.01	<0.1	0.29	9.0	<0.1	<0.05	12	2.7	<0.2
535275	Soil	65	0.31	8	0.361	2	5.29	0.015	0.02	<0.1	0.29	9.6	<0.1	0.07	16	3.2	<0.2
535276	Soil	19	0.19	9	0.363	2	1.19	0.016	0.02	<0.1	0.10	1.8	<0.1	<0.05	17	<0.5	<0.2
535277	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535278	Soil	71	0.62	9	0.441	2	2.75	0.012	0.02	<0.1	0.28	5.0	<0.1	<0.05	13	2.0	<0.2
535279	Soil	48	0.38	8	0.335	3	5.47	0.017	0.01	0.1	0.32	8.5	<0.1	<0.05	11	2.1	<0.2
535280	Soil	51	0.32	8	0.336	3	7.73	0.016	0.01	<0.1	0.34	9.6	<0.1	<0.05	13	2.5	<0.2
535282	Soil	59	0.66	11	0.206	5	>10	0.021	0.02	0.2	0.25	9.0	<0.1	<0.05	13	0.8	<0.2
535283	Soil	92	0.78	16	0.351	2	4.87	0.019	0.01	0.1	0.18	9.7	<0.1	<0.05	14	2.6	<0.2
535284	Soil	31	1.45	35	0.252	3	4.16	0.037	0.05	0.2	0.06	8.1	<0.1	<0.05	10	0.6	<0.2
535285	Soil	69	1.09	18	0.302	3	4.72	0.020	0.02	<0.1	0.15	7.9	<0.1	<0.05	11	1.6	<0.2
535287	Soil	19	0.12	12	0.483	3	0.96	0.017	0.02	<0.1	0.10	1.5	<0.1	<0.05	13	0.9	<0.2
535288	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535289	Soil	50	0.36	13	0.477	1	3.22	0.020	0.02	0.1	0.19	4.1	<0.1	<0.05	17	1.7	<0.2
535291	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535292	Soil	53	0.21	7	0.391	2	4.40	0.010	0.01	<0.1	0.20	3.9	<0.1	<0.05	17	2.2	<0.2
535293	Soil	22	0.12	3	0.400	3	0.92	0.012	0.02	<0.1	0.07	1.0	<0.1	<0.05	14	<0.5	0.3
535294	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535296	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.

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Project: FANDORA  
 Report Date: July 03, 2011

Page: 7 of 10 Part 1

CERTIFICATE OF ANALYSIS

VAN11002637.1

Method Analyte	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
535297	Soil	0.8	85.4	15.2	68	1.1	36.3	21.6	691	4.77	292.2	5058	0.5	22	0.3	0.8	0.2	147	0.56	0.043	4
535298	Soil	1.2	84.2	4.1	32	0.1	17.1	9.6	317	9.93	58.2	132.2	0.8	14	<0.1	1.0	0.2	283	0.20	0.050	3
535299	Soil	1.4	45.8	3.4	12	<0.1	5.3	4.5	70	12.17	39.9	38.7	0.8	7	<0.1	0.9	0.2	341	0.12	0.028	1
535300	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535301	Soil	0.6	100.9	11.2	45	0.1	33.6	24.1	503	5.26	52.3	170.2	0.5	23	<0.1	0.7	0.1	149	0.48	0.046	3
535303	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535304	Soil	0.5	6.2	7.0	5	<0.1	2.6	2.3	83	1.08	<0.5	30.6	0.4	10	<0.1	0.4	0.2	231	0.11	0.018	3
535305	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535306	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535308	Soil	1.2	26.0	7.7	16	0.1	5.1	5.2	261	3.37	5.4	101.3	0.2	15	0.1	0.6	0.1	159	0.27	0.056	2
535309	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535312	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535313	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535314	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535315	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535316	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535317	Soil	4.4	77.6	4.9	25	<0.1	8.2	6.4	182	5.83	23.6	13.6	1.2	11	<0.1	0.6	0.2	192	0.25	0.037	3
535318	Soil	4.4	26.1	5.2	25	0.2	6.8	5.8	196	5.35	30.5	6.7	0.5	14	<0.1	1.2	0.2	195	0.22	0.043	3
535319	Soil	2.6	36.1	5.7	21	0.2	5.8	4.9	129	6.22	57.5	1.3	0.7	12	0.1	1.5	0.2	199	0.19	0.050	2
535320	Soil	1.3	61.4	6.3	48	0.2	11.1	11.3	1141	2.04	21.2	8.6	<0.1	49	0.4	0.7	0.1	59	2.32	0.101	3
535321	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535322	Soil	0.6	114.0	3.0	59	0.2	17.5	15.4	774	5.24	8.8	12.9	0.1	25	0.4	0.4	<0.1	117	0.63	0.075	6
535324	Soil	0.5	26.8	3.7	21	0.1	9.1	7.9	202	4.53	3.2	11.1	0.3	14	<0.1	0.3	<0.1	164	0.40	0.034	2
535325	Soil	0.6	29.7	4.2	22	0.3	10.4	9.0	269	5.11	3.1	<0.5	0.3	15	<0.1	0.3	<0.1	186	0.27	0.057	2
535326	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535327	Soil	0.8	26.9	9.7	21	<0.1	6.1	6.3	425	3.90	2.7	3.2	0.2	10	0.1	0.4	0.1	185	0.17	0.076	2
535328	Soil	0.6	35.7	8.2	27	0.2	9.8	11.3	700	4.45	4.9	6.6	0.2	14	0.2	0.4	0.1	152	0.32	0.062	2
535329	Soil	0.7	362.8	4.4	14	0.3	5.2	6.6	104	2.42	5.8	37.5	0.2	17	0.2	0.5	0.1	172	0.18	0.097	3
535330	Soil	0.6	22.3	7.7	21	0.2	5.3	3.8	184	2.10	4.9	2.7	0.1	18	<0.1	0.2	0.1	94	0.32	0.082	2

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Project: FANDORA  
 Report Date: July 03, 2011

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CERTIFICATE OF ANALYSIS

VAN11002637.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
535297	Soil	59	1.19	19	0.302	4	3.36	0.022	0.03	1.5	0.20	5.7	<0.1	<0.05	11	1.0	<0.2
535298	Soil	75	0.58	10	0.565	2	4.40	0.015	0.02	0.4	0.30	5.9	<0.1	0.06	22	2.6	0.2
535299	Soil	96	0.17	4	0.560	<1	3.47	0.008	<0.01	<0.1	0.17	3.3	<0.1	<0.05	28	1.5	<0.2
535300	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535301	Soil	63	1.23	20	0.245	4	3.03	0.023	0.05	0.5	0.26	6.4	<0.1	<0.05	10	0.8	<0.2
535303	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535304	Soil	12	0.10	6	0.310	<1	0.72	0.008	0.02	<0.1	0.07	1.7	<0.1	<0.05	10	<0.5	0.4
535305	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535306	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535308	Soil	19	0.25	15	0.276	2	1.11	0.017	0.02	0.1	0.18	1.7	<0.1	0.06	11	1.1	0.4
535309	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535311	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535312	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535313	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535314	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535315	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535316	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535317	Soil	59	0.29	14	0.284	2	6.15	0.014	0.02	0.2	0.18	6.8	<0.1	<0.05	19	2.9	<0.2
535318	Soil	39	0.28	23	0.300	<1	2.69	0.013	0.02	0.3	0.27	2.7	<0.1	<0.05	18	1.6	<0.2
535319	Soil	45	0.21	16	0.322	2	3.47	0.010	0.02	1.0	0.34	4.8	<0.1	0.06	16	3.0	0.2
535320	Soil	38	0.36	27	0.085	10	2.64	0.021	0.03	0.2	0.27	2.8	<0.1	0.15	6	4.7	0.3
535321	Soil	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
535322	Soil	36	0.93	36	0.168	3	4.18	0.021	0.03	0.1	0.21	6.3	<0.1	0.08	11	2.2	<0.2
535324	Soil	19	0.41	11	0.447	4	1.67	0.022	0.02	0.1	0.14	3.5	<0.1	<0.05	12	0.7	<0.2
535325	Soil	33	0.48	16	0.347	<1	1.98	0.017	0.03	0.1	0.22	3.4	<0.1	0.06	14	1.4	<0.2
535326	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535327	Soil	20	0.31	17	0.319	<1	1.90	0.014	0.04	0.2	0.26	3.5	<0.1	0.10	13	1.4	<0.2
535328	Soil	23	0.52	17	0.271	5	2.19	0.017	0.03	<0.1	0.23	3.6	<0.1	<0.05	13	1.2	<0.2
535329	Soil	20	0.12	20	0.330	<1	0.90	0.011	0.02	<0.1	0.07	3.1	<0.1	<0.05	10	0.5	<0.2
535330	Soil	15	0.24	32	0.189	2	0.84	0.020	0.04	0.5	0.19	1.6	<0.1	0.14	6	0.7	<0.2

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 Report Date: July 03, 2011

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CERTIFICATE OF ANALYSIS

VAN11002637.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001		
535332	Soil	0.6	13.8	9.2	8	0.2	2.9	2.9	72	1.48	1.0	291.0	0.2	18	<0.1	0.5	0.2	200	0.18	0.039	2
535333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535334	Soil	0.4	12.8	7.2	9	<0.1	2.7	2.6	56	3.75	0.6	32.1	0.4	5	<0.1	0.4	0.2	331	0.05	0.015	1
535335	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535336	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535337	Soil	1.3	4.5	17.5	7	<0.1	0.6	0.5	59	0.28	<0.5	2.2	0.1	9	<0.1	0.2	0.2	36	0.15	0.018	2
535338	Soil	1.1	47.4	4.3	41	<0.1	18.4	17.1	528	4.33	2.5	<0.5	0.5	26	0.1	0.2	0.1	113	0.82	0.030	2
535339	Soil	0.4	22.6	7.6	22	0.1	9.2	7.3	168	3.14	0.7	0.9	0.3	14	<0.1	0.3	0.1	91	0.19	0.037	3
535451	Soil	0.2	6.3	3.0	6	<0.1	2.8	3.8	87	1.18	<0.5	4.6	0.2	6	<0.1	0.2	<0.1	71	0.08	0.009	2
535452	Soil	0.1	3.2	2.2	4	<0.1	0.5	4.0	53	2.59	<0.5	<0.5	0.2	4	<0.1	<0.1	<0.1	65	0.03	0.011	2
535453	Soil	1.4	8.5	7.0	15	<0.1	3.9	4.3	190	3.14	<0.5	0.9	0.4	8	<0.1	0.3	0.1	103	0.13	0.020	2
535454	Soil	0.5	6.8	4.5	7	<0.1	1.8	3.3	91	1.62	<0.5	2.0	0.4	10	<0.1	0.3	<0.1	64	0.08	0.016	3
535455	Soil	0.4	4.8	5.4	6	<0.1	1.0	3.0	81	1.31	<0.5	<0.5	0.3	6	<0.1	0.3	<0.1	56	0.09	0.013	2
535456	Soil	0.7	7.6	7.9	6	<0.1	2.1	1.9	61	3.53	<0.5	2.4	0.5	10	<0.1	0.5	0.1	176	0.11	0.019	2
535457	Soil	1.1	26.9	6.3	16	<0.1	6.1	4.3	137	8.24	3.1	5.9	1.7	8	0.1	0.5	0.1	228	0.12	0.027	2
535458	Soil	0.8	21.1	6.6	12	<0.1	5.5	4.2	123	6.53	1.5	1.2	0.7	10	<0.1	0.4	0.1	224	0.15	0.024	2
535459	Soil	0.6	21.4	6.0	8	<0.1	3.5	3.8	106	7.93	1.8	2.7	0.4	9	<0.1	0.7	0.2	316	0.13	0.025	2
535460	Soil	0.5	28.4	4.2	11	0.1	6.3	4.5	128	6.18	1.7	2.2	0.7	11	<0.1	0.4	<0.1	191	0.20	0.023	1
535461	Soil	0.5	61.9	5.1	20	<0.1	10.0	6.4	261	4.25	2.7	42.7	0.9	13	<0.1	0.4	<0.1	156	0.24	0.052	2
535462	Soil	0.4	112.8	2.7	32	<0.1	16.5	12.6	442	3.16	3.8	55.7	0.7	15	<0.1	0.2	<0.1	107	0.49	0.087	2
535463	Soil	0.5	89.8	1.8	17	<0.1	9.8	6.9	197	2.15	3.2	7.3	0.4	7	<0.1	0.3	<0.1	58	0.16	0.084	3
535464	Soil	0.9	54.8	3.9	21	<0.1	9.3	5.9	217	4.23	3.3	5.3	0.9	11	<0.1	0.3	<0.1	140	0.19	0.045	3
535465	Soil	0.7	97.2	3.6	62	<0.1	15.0	17.9	977	4.10	8.3	5.2	1.3	44	<0.1	0.3	<0.1	121	0.98	0.104	5
535466	Soil	0.4	56.6	3.4	68	<0.1	13.8	14.0	958	3.95	7.0	1.7	0.7	47	<0.1	0.2	<0.1	87	1.21	0.087	3
535467	Soil	1.2	70.7	4.1	21	<0.1	12.7	6.8	210	5.63	32.5	38.1	1.1	16	<0.1	0.6	<0.1	224	0.22	0.028	2
535468	Soil	0.7	18.0	7.1	12	<0.1	4.7	3.9	272	6.43	2.4	2.1	0.6	12	0.1	0.6	0.1	233	0.17	0.028	2
535469	Soil	1.7	34.8	5.5	20	0.1	9.3	7.4	209	5.15	3.6	1.1	0.7	14	0.1	0.3	<0.1	167	0.23	0.033	2
535470	Soil	0.3	25.3	4.6	7	<0.1	5.2	6.3	109	6.10	<0.5	3.8	0.3	10	<0.1	0.5	0.1	343	0.20	0.011	1
535471	Soil	0.7	29.5	5.0	11	<0.1	5.2	4.8	106	6.90	14.0	1.2	0.9	10	<0.1	0.5	0.2	218	0.16	0.031	3
535472	Soil	0.9	40.5	5.6	18	0.2	9.3	6.6	265	4.95	12.1	7.2	0.7	17	0.1	0.4	0.1	154	0.27	0.030	3

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 Report Date: July 03, 2011

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		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	0.2
535332	Soil	11	0.09	8	0.371	<1	0.79	0.013	0.02	<0.1	0.09	2.0	<0.1	0.06	9	<0.5	<0.2
535333	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535334	Soil	31	0.17	13	0.331	<1	1.94	0.005	0.04	<0.1	0.05	6.1	<0.1	<0.05	21	<0.5	<0.2
535335	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535336	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535337	Soil	5	0.04	16	0.150	2	0.56	0.011	0.03	<0.1	0.06	0.9	<0.1	<0.05	8	<0.5	<0.2
535338	Soil	56	0.84	19	0.140	3	3.69	0.027	0.02	<0.1	0.16	4.1	<0.1	<0.05	9	1.5	<0.2
535339	Soil	32	0.52	36	0.114	3	1.50	0.017	0.02	0.1	0.20	1.8	<0.1	0.10	8	1.5	<0.2
535451	Soil	10	0.12	10	0.082	<1	0.75	0.012	0.01	<0.1	0.03	0.9	<0.1	<0.05	8	<0.5	<0.2
535452	Soil	1	0.03	4	0.025	2	0.18	0.012	0.01	<0.1	0.05	0.3	<0.1	<0.05	2	<0.5	<0.2
535453	Soil	20	0.26	15	0.214	<1	1.20	0.018	0.03	<0.1	0.08	1.4	<0.1	<0.05	10	0.9	<0.2
535454	Soil	7	0.08	20	0.134	1	0.65	0.018	0.02	<0.1	0.07	0.9	<0.1	<0.05	5	1.0	<0.2
535455	Soil	5	0.07	6	0.090	2	0.62	0.014	0.02	<0.1	0.05	0.7	<0.1	<0.05	7	<0.5	<0.2
535456	Soil	18	0.08	5	0.419	<1	1.10	0.014	0.02	<0.1	0.07	1.2	<0.1	<0.05	16	<0.5	<0.2
535457	Soil	66	0.26	6	0.553	<1	4.56	0.016	0.02	<0.1	0.40	4.4	<0.1	<0.05	18	2.5	<0.2
535458	Soil	33	0.25	6	0.552	<1	1.90	0.017	0.02	<0.1	0.11	2.2	<0.1	<0.05	18	1.6	<0.2
535459	Soil	40	0.08	7	0.567	<1	1.45	0.014	0.02	<0.1	0.10	1.2	<0.1	<0.05	23	0.6	<0.2
535460	Soil	45	0.25	4	0.486	<1	2.46	0.021	0.01	<0.1	0.20	3.0	<0.1	<0.05	13	1.7	<0.2
535461	Soil	47	0.44	8	0.428	2	4.40	0.021	0.02	<0.1	0.19	7.1	<0.1	<0.05	13	2.2	<0.2
535462	Soil	37	0.77	9	0.223	2	4.00	0.025	0.02	0.1	0.10	5.4	<0.1	<0.05	8	0.7	<0.2
535463	Soil	38	0.47	6	0.202	2	9.25	0.022	0.01	0.2	0.23	12.4	<0.1	<0.05	7	4.1	<0.2
535464	Soil	43	0.42	9	0.422	1	4.62	0.023	0.02	0.1	0.20	6.1	<0.1	0.06	11	2.5	<0.2
535465	Soil	30	1.14	57	0.174	4	3.54	0.039	0.04	0.2	0.06	6.7	<0.1	<0.05	8	0.5	<0.2
535466	Soil	25	1.15	94	0.131	3	2.88	0.035	0.04	0.1	0.04	4.5	<0.1	<0.05	8	0.5	<0.2
535467	Soil	79	0.49	9	0.553	1	4.74	0.022	0.02	<0.1	0.18	6.7	<0.1	0.06	14	3.3	<0.2
535468	Soil	37	0.19	9	0.525	<1	1.69	0.012	0.02	<0.1	0.09	2.1	<0.1	<0.05	18	1.0	<0.2
535469	Soil	38	0.39	9	0.448	<1	3.44	0.022	0.02	<0.1	0.17	2.5	<0.1	0.08	13	2.7	<0.2
535470	Soil	37	0.14	4	0.654	<1	0.87	0.013	<0.01	<0.1	0.05	1.3	<0.1	<0.05	21	0.9	<0.2
535471	Soil	51	0.23	5	0.540	1	3.36	0.015	0.02	<0.1	0.27	4.4	<0.1	0.07	16	2.4	<0.2
535472	Soil	38	0.41	9	0.506	<1	2.77	0.021	0.02	<0.1	0.24	3.9	<0.1	<0.05	13	2.4	<0.2



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Project: FANDORA  
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Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	%	ppm
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001		
535473	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535474	Soil	0.5	26.6	8.3	15	<0.1	7.2	5.7	172	5.67	3.0	2.1	0.5	16	<0.1	0.5	0.1	205	0.26	0.046	3
535475	Soil	0.5	168.8	3.5	41	0.1	27.2	19.0	533	4.19	60.5	14.0	0.4	22	0.2	0.6	<0.1	122	0.46	0.042	2
535476	Soil	0.7	131.7	2.7	29	0.1	19.0	9.7	239	6.11	59.4	16.6	0.9	16	<0.1	0.7	<0.1	179	0.25	0.039	2
535477	Soil	0.6	28.2	6.5	10	0.1	5.4	5.1	102	5.57	11.5	215.6	0.5	12	0.2	1.0	0.1	322	0.16	0.028	2
535478	Soil	0.4	123.4	3.2	42	<0.1	20.9	18.0	951	3.09	47.6	30.1	0.3	30	0.2	0.5	<0.1	90	0.98	0.063	3
535479	Soil	2.0	47.6	5.7	25	0.1	9.5	9.2	281	3.98	152.4	11.5	0.3	16	0.2	0.9	<0.1	124	0.30	0.052	2
535480	Soil	1.7	54.3	4.9	80	0.1	22.2	23.1	2703	4.04	5.9	4.0	0.4	16	0.4	0.6	0.1	88	0.32	0.081	6
535481	Soil	1.2	24.7	5.2	18	0.1	9.0	6.7	308	5.02	3.0	3.5	0.9	17	<0.1	0.4	<0.1	143	0.26	0.032	3
535482	Soil	1.1	71.7	4.7	33	0.1	15.8	11.3	322	4.99	114.7	17.1	0.5	16	0.2	0.7	<0.1	154	0.30	0.037	4
535483	Soil	0.9	22.8	6.0	8	<0.1	4.5	3.8	73	6.10	13.6	2.3	0.5	11	<0.1	0.6	0.1	261	0.16	0.024	2
535484	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535485	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535486	Soil	1.2	53.2	7.2	23	0.1	8.3	16.4	449	9.34	6.5	14.3	0.7	8	0.1	2.5	0.2	266	0.13	0.043	2
535487	Soil	1.7	48.3	4.3	11	0.5	4.9	4.4	115	7.36	24.9	4.7	1.1	6	0.3	0.3	0.1	220	0.13	0.032	6
535488	Soil	3.2	25.0	9.4	21	<0.1	6.0	6.4	171	7.76	67.8	3.3	0.7	9	<0.1	0.7	0.2	255	0.17	0.030	3
535489	Soil	1.0	23.1	6.1	8	<0.1	3.8	4.4	87	8.13	2.5	4.9	0.7	8	<0.1	0.4	0.2	286	0.12	0.020	2
535490	Soil	0.4	11.9	5.9	6	<0.1	2.2	3.3	79	2.47	<0.5	70.6	0.4	13	<0.1	0.2	0.2	349	0.18	0.015	2
535491	Soil	1.6	14.7	10.4	12	<0.1	7.3	3.7	108	1.26	1.5	12.1	0.2	19	<0.1	0.2	0.2	186	0.28	0.038	2
535492	Soil	3.9	40.4	7.9	28	0.2	11.9	69.5	6222	6.52	3.5	166.7	0.4	24	0.3	1.8	0.1	282	0.48	0.055	2
535493	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535494	Soil	2.1	41.7	3.1	55	<0.1	20.3	15.7	412	9.02	288.5	7.4	0.6	20	<0.1	1.6	0.1	209	0.44	0.039	3
535495	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535496	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535497	Soil	0.9	36.2	5.7	15	<0.1	8.4	7.0	228	7.83	22.9	57.0	0.5	13	<0.1	1.7	0.2	252	0.25	0.026	2
535498	Soil	0.8	23.2	7.1	11	<0.1	4.3	4.0	121	7.14	3.3	2.1	0.7	13	<0.1	0.4	0.2	239	0.20	0.024	2
535499	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535500	Soil	1.1	48.1	6.6	16	0.1	9.4	7.1	147	11.52	70.5	98.8	1.0	8	<0.1	0.9	0.2	328	0.14	0.033	2
535501	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535502	Soil	1.9	128.0	4.4	30	<0.1	16.5	8.8	195	4.49	43.3	34.2	0.9	13	<0.1	0.3	0.1	182	0.29	0.037	3

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		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
535473	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	
535474	Soil	37	0.31	20	0.479	1	2.06	0.019	0.02	<0.1	0.10	2.6	<0.1	0.07	15	0.8	<0.2
535475	Soil	51	0.97	19	0.288	3	3.00	0.024	0.02	0.9	0.13	5.2	<0.1	0.07	8	0.9	<0.2
535476	Soil	73	0.67	9	0.569	3	5.91	0.023	0.02	1.4	0.18	11.8	<0.1	0.05	12	2.2	<0.2
535477	Soil	35	0.15	4	0.611	<1	1.39	0.014	0.01	0.1	0.15	2.3	<0.1	<0.05	17	<0.5	<0.2
535478	Soil	35	0.97	17	0.210	4	2.42	0.034	0.02	0.3	0.07	4.3	<0.1	<0.05	6	0.6	<0.2
535479	Soil	37	0.39	11	0.313	2	2.19	0.030	0.02	0.6	0.16	3.1	<0.1	0.10	9	1.1	<0.2
535480	Soil	33	0.39	21	0.223	2	4.94	0.019	0.02	0.4	0.29	6.7	<0.1	0.08	9	3.2	<0.2
535481	Soil	44	0.36	7	0.439	2	2.61	0.018	0.02	0.1	0.24	4.6	<0.1	0.09	12	2.7	<0.2
535482	Soil	49	0.63	12	0.336	1	3.44	0.020	0.01	0.1	0.24	4.3	<0.1	0.08	11	2.0	<0.2
535483	Soil	39	0.12	3	0.564	1	1.95	0.015	<0.01	<0.1	0.12	2.6	<0.1	0.07	17	1.5	<0.2
535484	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535485	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535486	Soil	57	0.23	8	0.322	2	3.22	0.012	0.02	<0.1	0.32	4.0	<0.1	<0.05	18	2.3	<0.2
535487	Soil	48	0.14	10	0.375	2	5.07	0.013	0.01	<0.1	0.33	5.6	<0.1	<0.05	17	3.3	<0.2
535488	Soil	42	0.19	15	0.377	2	2.19	0.012	0.02	<0.1	0.13	2.0	<0.1	<0.05	19	1.0	<0.2
535489	Soil	40	0.11	7	0.514	2	1.93	0.010	0.01	<0.1	0.18	2.1	<0.1	<0.05	22	0.9	<0.2
535490	Soil	16	0.07	4	0.397	2	0.63	0.009	0.01	<0.1	0.04	0.9	<0.1	<0.05	18	<0.5	<0.2
535491	Soil	30	0.29	7	0.440	4	1.03	0.017	0.02	<0.1	0.16	2.6	<0.1	<0.05	17	0.6	<0.2
535492	Soil	53	0.30	11	0.520	5	1.83	0.015	0.02	<0.1	0.20	4.4	<0.1	0.07	17	0.9	<0.2
535493	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535494	Soil	80	0.61	16	0.359	4	5.08	0.016	0.01	0.2	0.12	8.5	<0.1	<0.05	15	2.2	<0.2
535495	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535496	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535497	Soil	51	0.29	8	0.552	2	2.53	0.016	0.02	<0.1	0.13	2.2	<0.1	<0.05	18	0.8	<0.2
535498	Soil	39	0.15	12	0.475	2	1.97	0.013	0.04	<0.1	0.16	1.5	<0.1	0.06	19	1.5	<0.2
535499	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535500	Soil	100	0.26	7	0.416	2	4.59	0.009	0.01	<0.1	0.37	7.0	<0.1	<0.05	24	1.9	<0.2
535501	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535502	Soil	59	0.58	11	0.367	3	5.33	0.019	0.02	<0.1	0.18	8.5	<0.1	<0.05	15	2.7	<0.2

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



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Project: FANDORA  
 Report Date: July 03, 2011

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CERTIFICATE OF ANALYSIS

VAN11002637.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
535503	Soil	0.7	28.8	5.9	15	<0.1	9.4	8.1	155	6.39	17.6	12.2	0.3	16	0.1	0.9	0.1	249	0.24	0.023	2
535504	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535505	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535506	Soil	7.1	16.3	7.6	11	<0.1	2.2	2.5	68	5.50	20.9	3.4	0.6	10	<0.1	2.2	0.3	304	0.11	0.013	2
535507	Soil	6.3	32.3	7.8	40	<0.1	8.8	32.7	516	4.65	78.9	9.6	0.5	20	0.2	1.4	0.2	167	0.47	0.027	4
535508	Soil	0.5	74.1	7.7	48	<0.1	17.1	15.5	775	5.69	10.7	16.4	0.3	20	<0.1	0.9	<0.1	155	0.39	0.050	2
535509	Soil	2.6	60.6	7.1	58	<0.1	11.4	31.4	1288	5.25	8.1	3.7	0.4	22	0.2	0.3	0.1	152	0.60	0.061	4
535510	Soil	0.9	13.2	7.4	11	<0.1	2.4	4.7	127	2.96	2.6	8.8	0.3	9	<0.1	0.9	0.1	221	0.11	0.029	2
535511	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.



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**Project:** FANDORA  
**Report Date:** July 03, 2011

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# CERTIFICATE OF ANALYSIS

VAN11002637.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
535503	Soil	40	0.34	10	0.493	2	1.55	0.015	0.02	<0.1	0.11	2.4	<0.1	<0.05	16	1.1	<0.2
535504	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535505	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535506	Soil	28	0.08	8	0.473	1	1.50	0.010	0.02	<0.1	0.05	1.6	<0.1	<0.05	24	0.6	<0.2
535507	Soil	57	0.38	20	0.328	3	3.02	0.013	0.02	0.9	0.10	3.0	<0.1	<0.05	24	1.9	<0.2
535508	Soil	30	0.95	37	0.208	5	3.18	0.017	0.03	0.2	0.17	5.2	<0.1	<0.05	14	1.0	<0.2
535509	Soil	41	0.50	32	0.194	4	4.47	0.013	0.03	<0.1	0.28	5.8	<0.1	<0.05	14	3.3	<0.2
535510	Soil	10	0.08	16	0.310	4	1.29	0.009	0.04	<0.1	0.06	2.4	<0.1	<0.05	15	<0.5	<0.2
535511	Soil	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.



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Project: FANDORA  
 Report Date: July 03, 2011

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QUALITY CONTROL REPORT

VAN11002637.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
535122	Soil	0.7	90.4	3.9	29	<0.1	15.3	8.1	141	4.65	17.2	75.7	0.7	13	<0.1	0.3	0.1	156	0.19	0.029	3
REP 535122	QC	0.6	91.6	4.1	31	<0.1	15.4	8.2	157	4.60	19.9	8.2	0.7	18	<0.1	0.3	0.1	167	0.23	0.035	3
535124	Soil	0.3	214.8	2.7	51	<0.1	37.9	23.8	734	4.34	79.7	33.3	0.4	20	0.1	0.4	<0.1	120	0.38	0.071	3
REP 535124	QC	0.4	219.7	2.5	53	<0.1	39.0	24.5	734	4.36	80.6	42.2	0.5	23	<0.1	0.4	<0.1	125	0.45	0.074	4
535162	Soil	0.4	220.3	2.5	44	0.2	28.5	47.4	794	3.86	26.7	73.6	0.5	17	0.2	0.9	<0.1	109	0.42	0.162	5
REP 535162	QC	0.4	228.3	2.5	45	0.2	31.9	45.8	814	3.88	24.7	32.1	0.5	17	0.2	1.0	<0.1	107	0.42	0.156	4
535192	Soil	1.1	80.5	3.6	34	<0.1	28.2	12.4	400	3.32	6.5	4.4	1.1	18	<0.1	0.2	<0.1	91	0.42	0.046	3
REP 535192	QC	1.1	84.9	3.5	33	<0.1	27.6	12.5	416	3.33	5.8	11.7	1.1	19	<0.1	0.2	<0.1	93	0.44	0.046	3
535204	Soil	0.5	39.6	4.8	54	<0.1	12.7	12.9	660	3.28	2.0	2.5	1.0	37	0.1	0.1	<0.1	64	0.75	0.057	2
REP 535204	QC	0.5	39.5	4.9	54	<0.1	13.4	13.3	682	3.37	2.5	3.0	1.0	38	<0.1	0.1	<0.1	66	0.78	0.056	2
535232	Soil	1.0	33.6	4.6	32	<0.1	10.7	8.9	333	4.95	3.5	6.0	1.4	17	<0.1	0.2	<0.1	118	0.26	0.022	3
REP 535232	QC	1.0	33.0	4.7	31	<0.1	11.2	9.1	329	4.72	3.4	4.1	1.4	16	<0.1	0.2	<0.1	116	0.26	0.023	3
535251	Soil	2.9	47.3	5.5	24	0.2	8.1	7.4	198	6.56	45.8	17.0	1.1	14	0.2	0.9	0.1	219	0.20	0.048	3
REP 535251	QC	2.9	46.4	5.5	23	0.2	8.5	7.0	192	6.46	44.8	5.6	1.1	15	0.2	0.9	0.1	213	0.20	0.050	3
535269	Soil	0.9	70.0	5.4	19	0.2	7.5	6.0	211	4.33	4.0	7.1	1.4	13	<0.1	0.3	0.1	138	0.21	0.049	12
REP 535269	QC	0.8	68.2	5.1	19	0.2	7.5	5.5	205	4.26	3.9	2.1	1.5	12	<0.1	0.2	0.1	140	0.20	0.050	12
535293	Soil	0.6	12.8	3.9	6	<0.1	4.3	4.5	109	3.85	8.7	13.5	0.4	9	<0.1	0.8	0.2	247	0.14	0.020	2
REP 535293	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535334	Soil	0.4	12.8	7.2	9	<0.1	2.7	2.6	56	3.75	0.6	32.1	0.4	5	<0.1	0.4	0.2	331	0.05	0.015	1
REP 535334	QC	0.4	11.7	6.6	8	<0.1	2.8	2.6	56	3.68	0.6	9.8	0.4	4	<0.1	0.5	0.2	328	0.05	0.015	1
535339	Soil	0.4	22.6	7.6	22	0.1	9.2	7.3	168	3.14	0.7	0.9	0.3	14	<0.1	0.3	0.1	91	0.19	0.037	3
REP 535339	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535467	Soil	1.2	70.7	4.1	21	<0.1	12.7	6.8	210	5.63	32.5	38.1	1.1	16	<0.1	0.6	<0.1	224	0.22	0.028	2
REP 535467	QC	1.1	72.2	3.9	22	<0.1	12.1	6.6	199	5.55	33.5	16.1	1.1	17	0.1	0.6	<0.1	226	0.22	0.030	2
535498	Soil	0.8	23.2	7.1	11	<0.1	4.3	4.0	121	7.14	3.3	2.1	0.7	13	<0.1	0.4	0.2	239	0.20	0.024	2
REP 535498	QC	0.9	23.4	6.1	12	<0.1	3.9	3.9	119	7.21	3.8	1.4	0.7	14	<0.1	0.5	0.1	238	0.20	0.024	2
Reference Materials																					
STD DS8	Standard	13.2	127.6	129.8	346	1.8	39.9	8.2	659	2.62	28.7	122.2	7.7	71	2.9	6.5	7.9	45	0.69	0.085	15

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Project: FANDORA  
Report Date: July 03, 2011

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QUALITY CONTROL REPORT

VAN11002637.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																	
535122	Soil	62	0.43	9	0.405	3	4.46	0.016	0.01	0.2	0.19	7.1	<0.1	<0.05	12	1.2	<0.2
REP 535122	QC	64	0.43	9	0.464	2	4.32	0.018	0.02	0.2	0.16	7.2	<0.1	<0.05	14	1.2	<0.2
535124	Soil	62	1.23	13	0.192	5	4.53	0.020	0.02	0.2	0.09	8.0	<0.1	<0.05	8	<0.5	<0.2
REP 535124	QC	62	1.22	14	0.235	5	4.56	0.021	0.02	0.2	0.08	8.7	<0.1	<0.05	8	1.0	<0.2
535162	Soil	63	1.09	12	0.249	5	7.63	0.020	0.02	0.3	0.22	11.0	<0.1	<0.05	9	3.3	<0.2
REP 535162	QC	64	1.10	12	0.250	5	7.42	0.019	0.02	0.2	0.21	10.3	<0.1	<0.05	10	2.8	<0.2
535192	Soil	54	0.79	31	0.182	3	4.53	0.019	0.03	<0.1	0.19	5.2	<0.1	<0.05	9	1.5	<0.2
REP 535192	QC	55	0.76	32	0.192	2	4.39	0.019	0.03	<0.1	0.20	5.5	<0.1	<0.05	10	1.3	<0.2
535204	Soil	30	1.11	195	0.111	7	3.18	0.019	0.04	0.1	0.08	5.4	<0.1	<0.05	8	0.8	<0.2
REP 535204	QC	30	1.12	192	0.119	6	3.23	0.018	0.04	0.1	0.08	5.5	<0.1	<0.05	8	0.9	<0.2
535232	Soil	38	0.78	8	0.361	1	3.67	0.014	0.01	<0.1	0.27	6.7	<0.1	<0.05	12	1.9	<0.2
REP 535232	QC	37	0.76	8	0.354	2	3.52	0.013	0.01	0.1	0.26	6.7	<0.1	<0.05	11	2.0	<0.2
535251	Soil	58	0.29	8	0.546	<1	4.14	0.017	0.02	4.1	0.27	5.3	<0.1	<0.05	15	3.5	<0.2
REP 535251	QC	57	0.29	9	0.532	2	4.20	0.018	0.02	4.0	0.27	5.2	<0.1	<0.05	14	3.5	<0.2
535269	Soil	45	0.35	14	0.395	5	7.00	0.017	0.02	0.1	0.53	8.1	<0.1	<0.05	12	4.9	<0.2
REP 535269	QC	43	0.35	13	0.388	4	6.89	0.017	0.02	<0.1	0.50	8.0	<0.1	<0.05	11	4.4	<0.2
535293	Soil	22	0.12	3	0.400	3	0.92	0.012	0.02	<0.1	0.07	1.0	<0.1	<0.05	14	<0.5	0.3
REP 535293	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535334	Soil	31	0.17	13	0.331	<1	1.94	0.005	0.04	<0.1	0.05	6.1	<0.1	<0.05	21	<0.5	<0.2
REP 535334	QC	31	0.17	13	0.335	<1	1.92	0.005	0.04	<0.1	0.05	5.8	<0.1	<0.05	21	<0.5	<0.2
535339	Soil	32	0.52	36	0.114	3	1.50	0.017	0.02	0.1	0.20	1.8	<0.1	0.10	8	1.5	<0.2
REP 535339	QC	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.	I.S.
535467	Soil	79	0.49	9	0.553	1	4.74	0.022	0.02	<0.1	0.18	6.7	<0.1	0.06	14	3.3	<0.2
REP 535467	QC	78	0.48	9	0.559	1	4.89	0.021	0.02	<0.1	0.17	6.8	<0.1	0.05	15	3.5	<0.2
535498	Soil	39	0.15	12	0.475	2	1.97	0.013	0.04	<0.1	0.16	1.5	<0.1	0.06	19	1.5	<0.2
REP 535498	QC	39	0.15	12	0.484	3	1.99	0.012	0.03	<0.1	0.15	1.6	<0.1	<0.05	19	0.9	<0.2
Reference Materials																	
STD DS8	Standard	122	0.64	304	0.128	3	0.91	0.092	0.43	3.2	0.20	2.1	5.7	0.12	5	6.0	5.3

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 Vancouver BC V6C 3B6 Canada

Project: FANDORA  
 Report Date: July 03, 2011

Page: 2 of 3 Part 1

QUALITY CONTROL REPORT

VAN11002637.1

		1DX15 Mo ppm 0.1	1DX15 Cu ppm 0.1	1DX15 Pb ppm 0.1	1DX15 Zn ppm 1	1DX15 Ag ppm 0.1	1DX15 Ni ppm 0.1	1DX15 Co ppm 0.1	1DX15 Mn ppm 1	1DX15 Fe % 0.01	1DX15 As ppm 0.5	1DX15 Au ppb 0.5	1DX15 Th ppm 0.1	1DX15 Sr ppm 1	1DX15 Cd ppm 0.1	1DX15 Sb ppm 0.1	1DX15 Bi ppm 0.1	1DX15 V ppm 2	1DX15 Ca % 0.01	1DX15 P % 0.001	1DX15 La ppm 1
STD DS8	Standard	12.9	124.1	125.2	334	1.8	39.4	7.7	628	2.51	27.6	109.9	7.1	67	2.8	6.4	7.2	44	0.67	0.086	14
STD DS8	Standard	14.1	121.5	129.2	344	1.8	40.3	8.4	623	2.47	27.8	114.6	7.9	77	2.8	6.5	7.5	45	0.71	0.082	16
STD DS8	Standard	14.4	124.0	132.4	345	1.8	40.4	8.4	658	2.59	28.1	103.4	7.9	76	2.9	6.6	7.7	45	0.74	0.086	16
STD DS8	Standard	13.6	118.5	130.5	345	1.8	39.5	8.2	651	2.62	28.7	119.3	7.0	66	2.8	6.0	6.8	44	0.68	0.086	15
STD DS8	Standard	14.1	120.0	136.6	341	1.9	41.5	8.2	657	2.64	30.0	130.8	7.4	70	2.6	6.2	7.2	45	0.72	0.090	15
STD DS8	Standard	14.1	109.7	125.6	319	1.7	38.1	7.4	628	2.50	28.1	110.8	6.8	64	2.1	5.6	6.6	42	0.70	0.084	15
STD DS8	Standard	13.8	110.3	121.9	318	1.8	37.0	7.5	636	2.48	27.8	113.9	6.8	65	2.3	5.8	6.3	43	0.69	0.082	16
STD DS8	Standard	13.0	114.9	123.2	325	1.8	38.9	7.4	634	2.48	26.1	116.4	6.9	69	2.2	6.0	6.2	43	0.68	0.078	14
STD DS8	Standard	13.4	115.7	127.8	334	1.8	39.7	7.9	649	2.57	26.0	117.8	7.2	74	2.5	5.9	6.7	42	0.71	0.080	16
STD DS8	Standard	13.8	114.0	124.3	320	1.8	38.5	7.1	620	2.42	27.1	107.2	6.9	66	2.3	5.8	6.6	42	0.69	0.083	15
STD DS8	Standard	14.5	115.6	127.4	326	1.9	40.4	7.6	648	2.52	27.6	114.6	7.0	68	2.3	5.9	6.7	43	0.73	0.088	16
STD DS8	Standard	12.4	105.6	115.1	296	1.8	35.7	7.1	573	2.29	26.4	104.0	6.0	60	2.2	5.3	6.2	40	0.63	0.078	13
STD DS8	Standard	12.2	102.1	113.3	306	1.6	35.6	7.0	558	2.28	25.7	98.9	6.0	59	2.1	5.1	6.1	40	0.62	0.079	13
STD DS8	Standard	13.5	112.5	122.7	321	1.9	37.9	7.7	639	2.56	27.9	172.1	6.8	66	2.3	5.9	6.8	43	0.71	0.084	14
STD DS8	Standard	13.3	112.8	125.0	334	1.8	38.6	7.8	655	2.54	28.1	108.8	6.7	67	2.2	6.0	6.8	43	0.69	0.084	15
STD DS8	Standard	14.8	121.0	134.6	333	1.8	40.0	8.1	653	2.58	27.4	113.6	7.2	64	2.5	5.4	6.6	48	0.73	0.087	15
STD DS8	Standard	14.3	117.8	132.7	332	1.8	40.4	8.2	644	2.53	28.3	126.7	7.4	65	2.3	5.7	6.6	47	0.73	0.086	16
STD DS8	Standard	13.9	110.2	132.9	323	1.7	40.1	7.6	641	2.59	27.5	130.3	7.5	67	2.2	5.3	6.5	44	0.74	0.083	16
STD DS8	Standard	13.4	102.8	129.1	304	1.7	37.7	7.4	613	2.44	24.4	112.7	7.1	63	2.1	4.8	6.1	40	0.69	0.078	14
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.02	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1

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 200 - 580 Hornby Street  
 Vancouver BC V6C 3B6 Canada

Project: FANDORA  
 Report Date: July 03, 2011

Page: 2 of 3 Part 2

QUALITY CONTROL REPORT

VAN11002637.1

		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD DS8	Standard	116	0.61	295	0.123	3	0.89	0.088	0.42	3.1	0.18	2.1	5.6	0.10	5	5.0	5.1
STD DS8	Standard	120	0.64	312	0.132	3	0.96	0.098	0.41	3.1	0.20	2.0	5.7	0.14	5	4.9	4.8
STD DS8	Standard	123	0.63	310	0.137	3	0.94	0.093	0.45	3.4	0.20	2.1	5.8	0.15	5	5.0	5.0
STD DS8	Standard	119	0.64	293	0.117	3	0.94	0.089	0.43	3.3	0.23	2.1	5.7	0.17	5	5.1	5.1
STD DS8	Standard	124	0.66	307	0.122	2	0.98	0.096	0.45	3.4	0.23	2.2	5.8	0.21	5	5.8	5.9
STD DS8	Standard	113	0.62	283	0.117	3	0.91	0.090	0.44	3.2	0.20	2.1	5.5	0.16	5	6.1	5.2
STD DS8	Standard	114	0.62	283	0.117	2	0.94	0.090	0.41	3.0	0.18	2.0	5.3	0.16	5	4.7	5.0
STD DS8	Standard	117	0.62	270	0.119	3	0.89	0.089	0.41	3.0	0.18	2.0	5.4	0.16	5	5.2	5.6
STD DS8	Standard	120	0.62	287	0.126	3	0.94	0.091	0.43	3.1	0.21	2.1	5.5	0.16	5	5.0	5.0
STD DS8	Standard	116	0.63	286	0.116	3	0.93	0.091	0.41	3.1	0.20	2.0	5.5	0.17	5	5.3	4.9
STD DS8	Standard	119	0.64	295	0.120	2	0.96	0.091	0.44	3.2	0.22	2.3	5.6	0.16	5	5.3	5.3
STD DS8	Standard	107	0.56	261	0.102	5	0.82	0.080	0.40	2.9	0.19	1.7	5.2	0.15	4	4.8	4.5
STD DS8	Standard	107	0.55	253	0.103	3	0.84	0.077	0.39	2.6	0.17	1.9	5.1	0.16	5	4.7	4.8
STD DS8	Standard	117	0.63	292	0.115	4	0.91	0.091	0.43	3.1	0.20	2.1	5.3	0.19	5	5.7	5.3
STD DS8	Standard	119	0.61	291	0.113	2	0.90	0.085	0.42	3.0	0.18	2.0	5.5	0.15	5	5.3	5.0
STD DS8	Standard	129	0.59	292	0.130	3	0.96	0.091	0.43	3.0	0.19	2.0	5.5	0.14	5	5.3	4.9
STD DS8	Standard	128	0.57	297	0.132	3	0.98	0.093	0.43	3.0	0.20	1.9	5.1	0.14	5	5.2	4.8
STD DS8	Standard	126	0.64	278	0.121	3	1.00	0.095	0.42	3.2	0.23	2.4	5.8	0.16	5	5.9	5.4
STD DS8	Standard	116	0.60	259	0.110	2	0.92	0.090	0.38	3.0	0.20	2.1	5.5	0.14	5	5.9	4.9
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

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**Project:** FANDORA

**Report Date:** July 03, 2011

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

## QUALITY CONTROL REPORT

VAN11002637.1

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



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**Report Date:** July 03, 2011

**Page:** 3 of 3 **Part** 2

## QUALITY CONTROL REPORT

VAN11002637.1

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



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**Client:** Selkirk Metals Corp.  
200 - 580 Hornby Street  
Vancouver BC V6C 3B6 Canada

Submitted By: Email Distribution List  
Receiving Lab: Canada-Vancouver  
Received: June 17, 2011  
Report Date: June 27, 2011  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

VAN11002638.1

### CLIENT JOB INFORMATION

Project: FANDORA  
Shipment ID: FAN2011-1  
P.O. Number  
Number of Samples: 7

### SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days

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

Invoice To: Selkirk Metals Corp.  
200 - 580 Hornby Street  
Vancouver BC V6C 3B6  
Canada

CC:

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
SS80	7	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	7	Dry at 60C			VAN
1DX2	7	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### ADDITIONAL COMMENTS



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





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Project: FANDORA  
 Report Date: June 27, 2011

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN11002638.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
535512	Sediment	0.2	115.6	3.2	69	<0.1	39.5	26.2	817	4.06	7.7	25.1	0.4	34	0.1	0.5	<0.1	116	0.76	0.044	2
535513	Sediment	0.2	46.0	2.8	43	<0.1	15.0	14.5	731	3.10	2.4	4.1	0.8	20	<0.1	0.1	<0.1	85	0.61	0.043	2
535514	Sediment	0.5	28.8	5.4	44	<0.1	11.7	16.0	983	3.18	1.1	2.9	0.8	16	<0.1	0.2	<0.1	75	0.38	0.040	2
535515	Sediment	0.8	154.4	3.8	54	0.1	33.2	25.5	713	4.38	16.5	12.3	0.7	26	<0.1	0.7	<0.1	134	0.53	0.057	3
535516	Sediment	0.1	218.3	2.6	64	<0.1	49.2	28.4	893	4.74	33.7	40.8	0.6	37	0.1	0.7	<0.1	127	0.89	0.061	3
535517	Sediment	0.2	84.8	4.1	90	<0.1	49.8	25.5	1013	4.49	9.2	9.9	0.6	33	0.1	0.8	<0.1	125	0.65	0.032	3
535518	Sediment	0.4	40.9	3.7	35	<0.1	12.5	10.5	434	3.27	1.9	<0.5	1.2	13	<0.1	<0.1	<0.1	78	0.20	0.053	3



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**Project:** FANDORA  
**Report Date:** June 27, 2011

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

## CERTIFICATE OF ANALYSIS

VAN11002638.1

Method	Analyte	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
535512	Sediment	56	1.57	18	0.277	5	2.52	0.026	0.02	<0.1	0.03	5.0	<0.1	<0.05	8	<0.5	<0.2
535513	Sediment	24	0.88	38	0.146	4	1.89	0.022	0.03	<0.1	0.07	3.0	<0.1	<0.05	6	<0.5	<0.2
535514	Sediment	24	0.83	28	0.120	3	2.20	0.017	0.04	<0.1	0.13	3.2	<0.1	<0.05	7	<0.5	<0.2
535515	Sediment	57	1.08	19	0.303	6	4.31	0.020	0.02	<0.1	0.12	6.4	<0.1	<0.05	10	1.2	<0.2
535516	Sediment	67	2.12	21	0.226	3	3.19	0.028	0.03	0.1	0.03	8.4	<0.1	<0.05	9	<0.5	<0.2
535517	Sediment	63	1.80	25	0.263	2	3.14	0.016	0.02	<0.1	0.04	6.8	<0.1	<0.05	9	<0.5	<0.2
535518	Sediment	39	0.73	46	0.125	5	6.39	0.015	0.02	<0.1	0.30	6.4	<0.1	<0.05	11	1.9	<0.2



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**Project:** FANDORA

**Report Date:** June 27, 2011

**Page:** 1 of 1 Part 1

# QUALITY CONTROL REPORT

VAN11002638.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Pulp Duplicates																					
535514	Sediment	0.5	28.8	5.4	44	<0.1	11.7	16.0	983	3.18	1.1	2.9	0.8	16	<0.1	0.2	<0.1	75	0.38	0.040	2
REP 535514	QC	0.3	29.0	5.3	42	<0.1	11.5	16.6	996	3.24	1.4	11.0	1.0	17	<0.1	0.2	<0.1	78	0.39	0.043	3
Reference Materials																					
STD DS8	Standard	12.7	110.6	124.1	323	1.6	40.6	7.9	616	2.50	27.4	110.6	6.9	69	2.2	6.0	6.6	42	0.69	0.079	14
STD DS8	Standard	14.2	115.3	126.0	318	1.8	39.3	7.4	636	2.55	26.2	127.2	6.8	72	2.4	5.5	6.4	43	0.73	0.076	15
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08	14.6
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001	<1



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**Report Date:** June 27, 2011

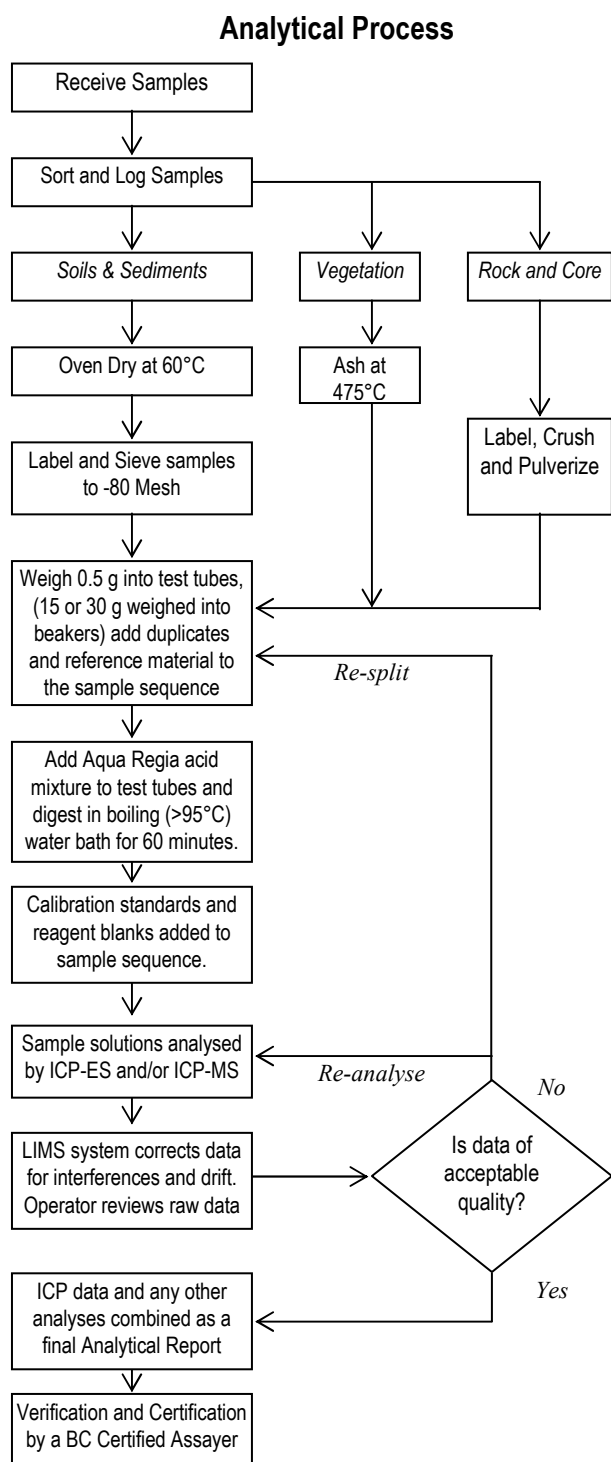
**Page:** 1 of 1 Part 2

QUALITY CONTROL REPORT

VAN11002638.1

Method		1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
Unit		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																	
535514	Sediment	24	0.83	28	0.120	3	2.20	0.017	0.04	<0.1	0.13	3.2	<0.1	<0.05	7	<0.5	<0.2
REP 535514	QC	24	0.83	29	0.142	10	2.18	0.017	0.04	<0.1	0.22	2.9	<0.1	<0.05	7	0.5	<0.2
Reference Materials																	
STD DS8	Standard	120	0.63	284	0.114	4	0.95	0.095	0.42	3.2	0.21	2.5	5.7	0.10	5	3.0	6.3
STD DS8	Standard	123	0.63	292	0.124	4	0.96	0.094	0.43	3.3	0.18	2.7	5.5	0.18	5	5.6	6.3
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2

## METHODS AND SPECIFICATIONS FOR ANALYTICAL PACKAGE GROUP 1D & 1DX – ICP & ICP-MS ANALYSIS – AQUA REGIA



### Comments

#### Sample Preparation

All samples are dried at 60°C. Soil and sediment are sieved to -80 mesh (-180 µm). Moss-mats are disaggregated then sieved to yield -80 mesh sediment. Vegetation is pulverized or ashed (475°C). Rock and drill core is jaw crushed to 80% passing 10 mesh (2 mm), a 250 g riffle split is then pulverized to 85% passing 200 mesh (75 µm) in a mild-steel ring-and-puck mill. Pulp splits of 0.5 g are weighed into test tubes, 15 and 30 g splits are weighed into beakers.

#### Sample Digestion

A modified Aqua Regia solution of equal parts concentrated ACS grade HCl and HNO<sub>3</sub> and de-mineralised H<sub>2</sub>O is added to each sample to leach for one hour in a heating block or hot water bath (>95°C). After cooling the solution is made up to final volume with 5% HCl. Sample weight to solution volume is 1 g per 20 mL.

#### Sample Analysis

**Group 1D:** solutions aspirated into a Spectro Ciros Vision or Varian 735 emission spectrometer are analysed for 30 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

**Group 1DX:** solutions aspirated into a Perkin Elmer Elan 6000/9000 ICP mass spectrometer are analysed for 36 elements: Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, Hg, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Se, Tl, Sr, Th, Ti, U, V, W, Zn.

#### Quality Control and Data Verification

QA/QC protocol incorporates a sample-prep blank (G-1) as the first sample in the job which is carried through all stages of preparation to analysis. An Analytical Batch comprises 36 client samples and incorporates a pulp duplicate to monitor analytical precision, a -10 mesh rejects duplicate to monitor sub-sampling variation (drill core only), a reagent blank to measure background and aliquots of in-house Reference Material like STD DS7. Data undergoes a final verification by a British Columbia Certified Assayer who then validates results before it is released to the client.

### Group 1D, 1DX ICP-ES & ICP-MS DETECTION LIMITS

	Group 1D Detection	Group 1DX Detection	Upper Limit
Ag	0.3 ppm	0.1 ppm	100 ppm
Al*	0.01 %	0.01 %	10 %
As	2 ppm	0.5 ppm	10000 ppm
Au	2 ppm	0.5 ppb	100 ppm
B <sup>*A</sup>	20 ppm	20 ppm	2000 ppm
Ba*	1 ppm	1 ppm	10000 ppm
Bi	3 ppm	0.1 ppm	2000 ppm
Ca*	0.01 %	0.01 %	40 %
Cd	0.5 ppm	0.1 ppm	2000 ppm
Co	1 ppm	0.1 ppm	2000 ppm
Cr*	1 ppm	1 ppm	10000 ppm
Cu	1 ppm	0.1 ppm	10000 ppm
Fe*	0.01 %	0.01 %	40 %
Ga*	-	1 ppm	1000 ppm
Hg	1 ppm	0.01 ppm	100 ppm
K*	0.01 %	0.01 %	10 %
La*	1 ppm	1 ppm	10000 ppm
Mg*	0.01 %	0.01 %	30 %
Mn*	2 ppm	1 ppm	10000 ppm
Mo	1 ppm	0.1 ppm	2000 ppm
Na*	0.01 %	0.001 %	10 %
Ni	1 ppm	0.1 ppm	10000 ppm
P*	0.001 %	0.001 %	5 %
Pb	3 ppm	0.1 ppm	10000 ppm
S	-	0.05 %	10 %
Sb	3 ppm	0.1 ppm	2000 ppm
Sc	-	0.1 ppm	100 ppm
Se	-	0.5 ppm	100 ppm
Sr*	1 ppm	1 ppm	10000 ppm
Th*	2 ppm	0.1 ppm	2000 ppm
Ti*	0.01 %	0.001 %	10 %
Tl	5 ppm	0.1 ppm	1000 ppm
U*	8 ppm	0.1 ppm	2000 ppm
V*	1 ppm	2 ppm	10000 ppm
W*	2 ppm	0.1 ppm	100 ppm
Zn	1 ppm	1 ppm	10000 ppm

\* Solubility of some elements will be limited by mineral species present.

^Detection limit = 1 ppm for 15g / 30g analysis.

## **SECTION E: SAMPLING DATA**

### 1. Sampling Data Table



**Project:** Fandora Gold  
**Soil and Stream Sediment Sample Data Table**  
**Date:** April & June 2011

Sample Number	Easting	Northing	Elevation (m)	Sampled Horizon	Quality	Color	Comments
<b>Stream Sediment Sampling: April 2011</b>							
<b>Weather:</b> snow / rain							
<b>Personnel:</b> Jason Corlazzoli; Dwayne Ferguson, Copper Canyon Consulting							
917306	305868	5458979	?	sediment	good	dark grey/brown	creek sediment from unnamed stream
917307	306135	5459177	?	sediment	good	dark grey/brown	creek sediment from unnamed stream
917308	306345	5459428	?	sediment	good	dark grey/brown	creek sediment from unnamed stream
917309	306411	5459642	?	sediment	good	dark grey/brown	creek sediment from unnamed stream
<b>Soil and Stream Sediment Sampling: June 2011</b>							
<b>Weather:</b> sun/cloud/rain							
<b>Personnel:</b> Jason Corlazzoli, George Frank, Malcom Drake, Paul Sam							
<b>LINE 2011-1:</b>							
535121	305170	5458591	489	b	good	dark brown	Upper road cut bank
535122	305183	5458572	489	b	good	dark orangy brown	
535123	305194	5458548	482	b	good	light grey	Upper road cut bank , clay rich
535124	305268	5458514	475	b	good	grey/brown	upper road cut, some clay
535126	305264	5458500	472	b	good	dark brown	silty with some clay
535127	305270	5458473	471	b	good	light grey/brown	upper road cut, silty clay rich
535128	305278	5458452	469	b	good	brown/orange	upper road cut
535129	305267	5458419	468	b	good	orange/brown	upper road cut
535130	305274	5458381	468	b	poor	dark brown	clay rich, bluff above and below road
535131	305271	5458354	471	b	good	light grey/orange/brown	upper road cut
535133	305255	5458324	473	b	good	light brown	under root wad above road
535134	305230	5458308	475	b	good	orange	clay rich, upper road cut
535135	305238	5458290	475	b	good	dark brown	upper road cut, sandy
535136	305231	5458264	475	b	good	brown	sandy
535137	305228	5458232	468	b	good	orange	lower road bank
535138	305202	5458238	467	c/b	poor	light grey	pebbly hard to find soil
535139	305220	5458180	467	b	good	light brown	upper road cut, sandy
535140	305207	5458159	469	b	good	dark brown	sandy
535141	305193	5458132	469	b	poor	light grey	pebbly, rock above and below road

535143	305188	5458095	464	b	good	brown/red	sandy, upper road cut
535144	305187	5458078	461	b	good	brown/red	
535145	305188	5458054	462	b	good	brown	upper road cut
535146	305138	5457964	459	a/o	poor	lighr brown	lots of organics and clay
535147	305122	5457943	455	c/b	poor	brown	pebbly, not much soil
535148	305107	5457925	456	b/a	poor	light grey	upper cliff, clay rich
535149	305095	5457908	454	b	good	dark brown	sandy
535150	305080	5457881	453	b	good	dark brown	clay rich
535151	305058	5457863	444	b	good	light brown/grey	some pebbles
535153	305039	5457856	443	c/b	poor	light brown	pebbly, not much soil
535154	305020	5457844	439	c/b	poor	light brown	rocky
535155	304997	5457834	442	b	good	red/brown	sandy
535156	304975	5457820	444	c/b	good	light grey/brown	gravelly
535157	304957	5457807	444	b	good	light brown	cliff above road
535158	304935	5457789	442	b	good	light orange/brown	sandy
535159	304913	5457782	439	b	poor	grey	gevelly, roack everywhere
535160	304892	5457769	441	b	good	red/orange	clay rich
535162	304872	5457747	437	b	good	orange/red	upper road cut
535163	304853	5457734	438	b	good	orange/red	upper road cut
535164	304839	5457722	436	b	good	orange/red	upper road cut
535165	304818	5457701	430	b	good	orange/red	upper road cut
535166	304798	5457685	428	c/b	poor	grey	coarse , pebbly
535167	304776	5457666	424	b	good	dark grey	sandy, upper road cut
535168	304761	5457662	421	b	poor	grey/dark brown	coarse , pebbly
535169	304747	5457636	416	b	good	dark grey	sandy
535171	304727	5457616	411	b	poor	dark grey	clay rich with pebbles
535172	304697	5457602	410	b	good	light grey	sandy, upper road cut
535173	304679	5457596	410	b	good	light grey/brown	upper road cut
535174	304653	5457581	404	b	good	dark grey/brown	sandy
535175	304632	5457570	403	b	poor	grey	rocky/gravelly
535176	304628	5457553	405	b	good	light grey	sandy
535177	304636	5457523	407	b	good	light brown	sandy, upper road cut
535178	304643	5457508	407	b	good	dark brown	lots of wood on ground, hard to get sample
535179	304668	5457488	404	b	good	dark brown	upper road cut
535181	304687	5457468	400	b	good	brown	silty with some clay
535182	304723	5457442	396	c/b	poor	light grey	pebbly
535183	304749	5457425	391	b	good	dark grey/brown	sandy

535184	304769	5457411	390	c/b	poor	grey	pebbly
535185	304779	5457392	386	c/b	poor	light brown	gravelly
535186	304785	5457362	382	c/b	poor	light grey	rocky with sand, lots of debris on ground
535187	304799	5457347	376	c/b	poor	grey	rocky with sand, lots of debris on ground
535189	304818	5457306	372	c/b	poor	grey	rocky
535190	304820	5457278	367	b	poor	grey	coarse, lots of debris on road
535191	304832	5457254	365	b	good	dark grey/brown	sandy
535192	304837	5457234	366	c/b	poor	grey	gravelly
535193	304846	5457208	362	c/b	poor	light grey	gravelly
535195	304851	5457188	358	c/b	poor	light grey	gravelly
535196	304856	5457163	356	b	good	light brown	
535197	304860	5457135	354	b	poor	light brown	coarse gravelly
535198	304854	5457106	352	b	good	dark brown	
535199	304849	5457082	351	b	good	grey	clay rich
535200	304853	5457032	343	b	poor	grey	gravelly
535201	304846	5457005	340	b	poor	grey	
535202	304864	5456982	340	b	poor	grey	
535203	304873	5456958	339	c/b	poor	grey	pebbly
535204	304882	5456940	340	b	good	light brown	
535205	304885	5456917	339	b	good	grey	silty
535206	304893	5456888	331	b	poor	grey	
535207	304904	5456863	334	c/b	good	orange/brown	
535208	304916	5456843	329	b	good	orange/brown	
535209	304932	5456828	329	b	good	grey	
535210	304946	5456797	326	b	poor	dark brown	
535211	304955	5456772	332	b	good	orange/brown	
535213	304972	5456747	331	b	poor	light brown	
535214	304994	5456737	332	b	poor	brown	
535215	305017	5456731	331	b	poor	grey/brown	
535216	305040	5456725	329	b	good	brown	
535217	305065	5456718	328	b	good	brown	
535219	305082	5456698	328	b	poor	grey	
535220	305098	5456670	328	b	poor	brown	
535221	305116	5456659	329	b	poor	grey	
535222	305140	5456637	327	b	good	dark brown	
535223	305163	5456643	326	b	good	grey	
535224	305185	5456630	326	b	good	orange/brown	

535226	305226	5456611	326	b	poor	grey	
535227	305225	5456614	324	b	good	orange/brown	
<b>LINE 2011-2:</b>							
535228	305687	5457284	138	b	poor	light grey	
535229	305671	5457293	140	b/a	poor	dark brown	
535230	305648	5457287	143	b	good	orange/brown	
535231	305623	5457314	143	b	good	orange/brown	
535232	305611	5457333	145	b	good	orange/brown	clay rich
535234	305583	5457348	142	b	good	orange/brown	
535235	305572	5457364	143	b	good	orange/brown	
535236	305558	5457390	140	c/b	poor	light grey	
535237	305537	5457396	142	b	good	red/brown	
535238	305516	5457418	139	b	good	orange/brown	
535239	305488	5457422	135	b	good	dark brown	
535240	305475	5457451	121	b	good	dark brown	small creek bed
535242	305465	5457452	129	b	good	orange/brown	some clay
535243	305454	5457491	139	b	good	dark brown	
535244	305442	5457501	138	b	poor	orange/brown	
535245	305436	5457519	143	b	poor	dark brown	
535246	305437	5457538	145	b	poor	light brown	
535247	305432	5457569	140	b	good	orange/brown	small creek bed
535249	305448	5457597	142	b	good	dark orange/brown	
535250	305440	5457617	146	c/b	poor	grey brown	active slope/ old slide
535251	305433	5457638	146	c/b	poor	orange/brown	clay rich
535252	305434	5457665	146	b	good	dark brown	clay rich
535255	305447	5457705	142	b	poor	grey brown	small creek bed
535256	305455	5457728	146	b	poor	dark brown	
535258	305482	5457761	142	b	good	orange/ brown	
535259	305504	5457771	142	b	good	orange/ brown	
535263	305569	5457800	134	b/a	poor	dark brown	very wet
535264	305582	5457820	133	b/a	poor	dark brown	
535265	305597	5457840	130	b/a	poor	dark brown	
535266	305603	5457864	130	b/a	poor	dark brown	
535267	305613	5457878	134	b	good	brown/red	
535268	305625	5457896	135	b/a	poor	brown	
535269	305647	5457901	148	b/a	poor	brown	
535270	305667	5457914	140	b/a/o	poor	dark brown	lots of organics and clay

535272	305692	5457821	140	b/a	good	dark brown	
535273	305719	5457939	130	b/a	good	dark brown	
535274	305723	5457964	145	b	good	orange/brown	
535275	305719	5457992	134	b	good	orange	sample taken from under windfall root wad
535276	305719	5458016	143	a/b	poor	light brown	large woody debris everywhere
535277	305719	5458042	141	a/b	poor	light brown	large woody debris everywhere
535278	305716	5458070	145	b	good	dark red/brown	
535279	305706	5458114	150	b	good	brown	sandy
535280	305700	5458124	143	b	good	orange/red	
535282	305702	5458152	146	c/b	good	red/brown	sandy
535283	305699	5458182	156	b	good	dark brown	upper road cut
535284	305707	5458210	147	b	good	grey	sandy
535285	305707	5458241	137	b	good	light brown	active slope/ old slide
535287	305720	5458299	147	b	good	light brown	
535288	305725	5458329	153	b	good	light brown	cliff above
535289	305732	5458351	139	b	good	brown	small creek
535291	305761	5458397	140	b	good	dark brown	small creek
535292	305776	5458416	144	b	good	dark brown	
535293	305793	5458436	143	b	good	red/brown	
535294	305796	5458457	141	b	good	red/brown	
535296	305797	5458481	146	b	good	dark brown	
535297	305790	5458508	149	a/o	poor	dark brown	very rocky and organic rich
535298	305792	5458528	148	a/o	poor	dark brown	very rocky and organic rich
535299	305808	5458555	146	b	good	light orange/brown	under windfall root wad
535300	305808	5458588	145	b	good	brown/orange	in old growth
535301	305798	5458595	150	b	good	dark brown	clay rich , in old growth
535303	305840	5458654	145	b	good	dark brown	clay rich
535304	305842	5458679	145	b/a	poor	dark brown	lots of roots/ large rock face above
535305	305843	5458701	147	b	good	dark brown	
535306	305857	5458720	145	b	poor	light brown	
535308	305928	5458758	127	b	poor	dark brown	cliff above, not much soil
535309	305940	5458788	130	a/o	poor	dark brown	
535311	305952	5458812	136	a	poor	dark brown	lots of organic
535312	305959	5458837	137	a	poor	dark brown	lots of pebbles and organics
535313	305971	5458857	140	a/o	poor	dark brown	lots of organics on top of bed rock
535314	305995	5458886	140	a/o	poor	dark brown	lots of organics on top of bed rock
535315	306011	5458904	141	b	good	dark brown/orange	

535316	306025	5458930	142	b	good	brown	
535317	306033	5458955	148	b	good	orange/brown	from cut bank in small creek
535318	306022	5458977	163	b	good	light brown	
535319	306041	5459005	167	a/o	poor	light brown	not much soil, bedrock
535320	306090	5459021	163	b	good	light brown	
535322	306113	5459034	164	b	good	brown/orange	
535324	306128	5459042	128	b/a	good	brown/orange	
535325	306189	5459086	153	a/b	good	orange/brown	
535326	306203	5459112	155	a/o	poor	dark brown	
535327	306213	5459129	136	b/a	good	orange/brown	
535328	306233	5459151	161	a/b	good	orange/brown	
535329	306269	5459185	145	b/o	poor	dark brown	
535330	306295	5459191	153	a/o	poor	dark brown	pebbly
535332	306317	5459189	148	a/o	poor	dark brown	muddy
535333	306352	5459158	139	a/o	poor	dark brown	
535334	306443	5459238	137	a/b	good	dark red/brown	
535335	306430	5459281	147	b	good	orange/brown	gravelly
535336	306414	5459301	145	b	poor	light grey	bed rock below
535337	306405	5459322	148	a/o	poor	dark brown	
535338	306396	5459349	143	a/o	poor	dark brown	clay rich
535339	306392	5459389	150	b	good	light orange/grey	

**LINE 2011-3:**

535451	305642	5457258	151	b	good	light grey	some pebbles
535452	305633	5457281	153	a/b	good	light grey/brown	clay with silt, lots of organics
535453	305610	5457282	154	b	good	orange/brown	silty
535454	305583	5457291	155	b	good	grey	
535455	305563	5457309	153	b	good	grey	
535456	305544	5457341	151	b	good	light brown	
535457	305525	5457347	149	b	good	light brown	
535458	305504	5457354	151	b	good	orange/brown	
535459	305484	5457381	151	b	good	orange/brown	
535460	305472	5457390	150	b	good	orange/brown	silty
535461	305446	5457390	149	b	good	orange/brown	some pebbles
535462	305439	5457375	152	b	good	light grey/brown	edge of road
535463	305407	5457360	153	b	good	dark brown	
535464	305382	5457351	148	b	good	brown/red	road
535465	305362	5457383	151	c/b	poor	grey	some pebbles

535466	305357	5457387	153	c/b	poor	grey	some pebbles
535467	305357	5457410	151	b	good	light grey	
535468	305363	5457425	155	b	good	light grey	
535469	305382	5457445	150	b	good	light brown/red	some pebbles
535470	305394	5457463	151	b	good	red/brown	silty
535471	305387	5457481	151	b	good	red	
535472	305370	5457489	153	b	good	brown	some pebbles
535473	305372	5457507	152	b	good	orange/brown	
535474	305383	5457531	155	b	good	dark brown	
535475	305383	5457556	153	b	good	orange/brown	old slide
535476	305401	5457570	150	b	good	orange	
535477	305412	5457593	152	a/b	good	orange/brown	
535478	305398	5457615	151	b/c	good	grey	lots of pebbles, old slide
535479	305415	5457634	154	a/b	poor	dark brown	lots of organics
535480	305404	5457661	151	b	good	light brown	
535481	305426	5457684	151	b	good	light brown/orange	clay rich
535482	305436	5457707	151	b	good	light brown	
535483	305436	5457713	151	b	poor	light brown	some pebbles
535484	305448	5457730	151	b	good	orange/brown	
535485	305455	5457757	150	a/o	poor	light brown	lots of organics
535486	305585	5457913	142	a/b	good	orange	some pebbles
535487	305588	5457932	148	b	good	orange/red	some pebbles
535488	305607	5457944	152	b	good	orange/brown	
535489	305629	5457955	153	b	good	orange	silty
535490	305646	5457956	152	b	good	grey	clay rich
535491	305680*	5458001	152	b	good	grey	
535492	305710	5458054	150	b	good	grey/brown	
535493	305705	5458079	151	a/b	good	dark brown	some organics
535494	305648	5458120	171	b	good	red/brown	few pebbles
535495	305645	5458187	170	b	good	light brown	
535496	305634	5458237	170	b	good	orange	
535497	305633	5458261	172	b	good	light grey/orange	lots of pebbles
535498	305659	5458292	170	b	good	orange/brown	
535499	305688	5458380	178	b	good	light grey/brown	
535500	305714	5458502	166	b	good	orange	
535501	305747	5458539	154	b	good	light grey / orange	
535502	305748	5458594	155	b	good	light grey/brown	



535503	305779	5458608	154	b	good	orange/red	
535504	305788	5458744	155	b	good	red/brown	
535505	305793	5458786	216	b	good	grey/brown	
535506	305966	5458987	201	b	good	orange/grey	
535507	306035	5459102	215	b	good	brown/orange	
535508	306074	5459122	215	b	good	light grey/orange	
535509	306135	5459158	202	b	good	orange/brown	few pebbles
535510	306368	5459245	180	b	good	orange/brown	
535511	306326	5459413	185	c	poor	red/brown	lot of pebbles

**VIRGE CREEK STREAM SEDIMENT SAMPLES:**

535512	302961	5457700	364	sediment	good	grey	creek sediment from Virge Creek tributary
535513	302733	5457614	331	sediment	good	dark grey	creek sediment from Virge Creek tributary
535514	303179	5457589	390	sediment	good	dark grey/brown	creek sediment from Virge Creek tributary
535515	303402	5457697	436	sediment	good	grey	creek sediment from Virge Creek tributary
535516	303500	5457631	445	sediment	good	brown	creek sediment from Virge Creek tributary
535517	303524	5457593	450	sediment	good	light brown	creek sediment from Virge Creek tributary
535518	303526	5457493	452	sediment	good	grey	creek sediment from Virge Creek tributary

535491	305680*	Easting revised Sep 09 2011
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**Note: The elevations from the GPS are not always accurate; if there is a discrepancy just go with the Northing and Easting.**

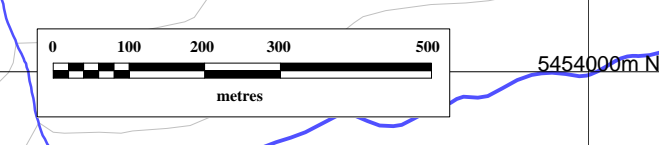
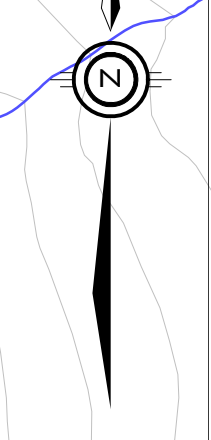
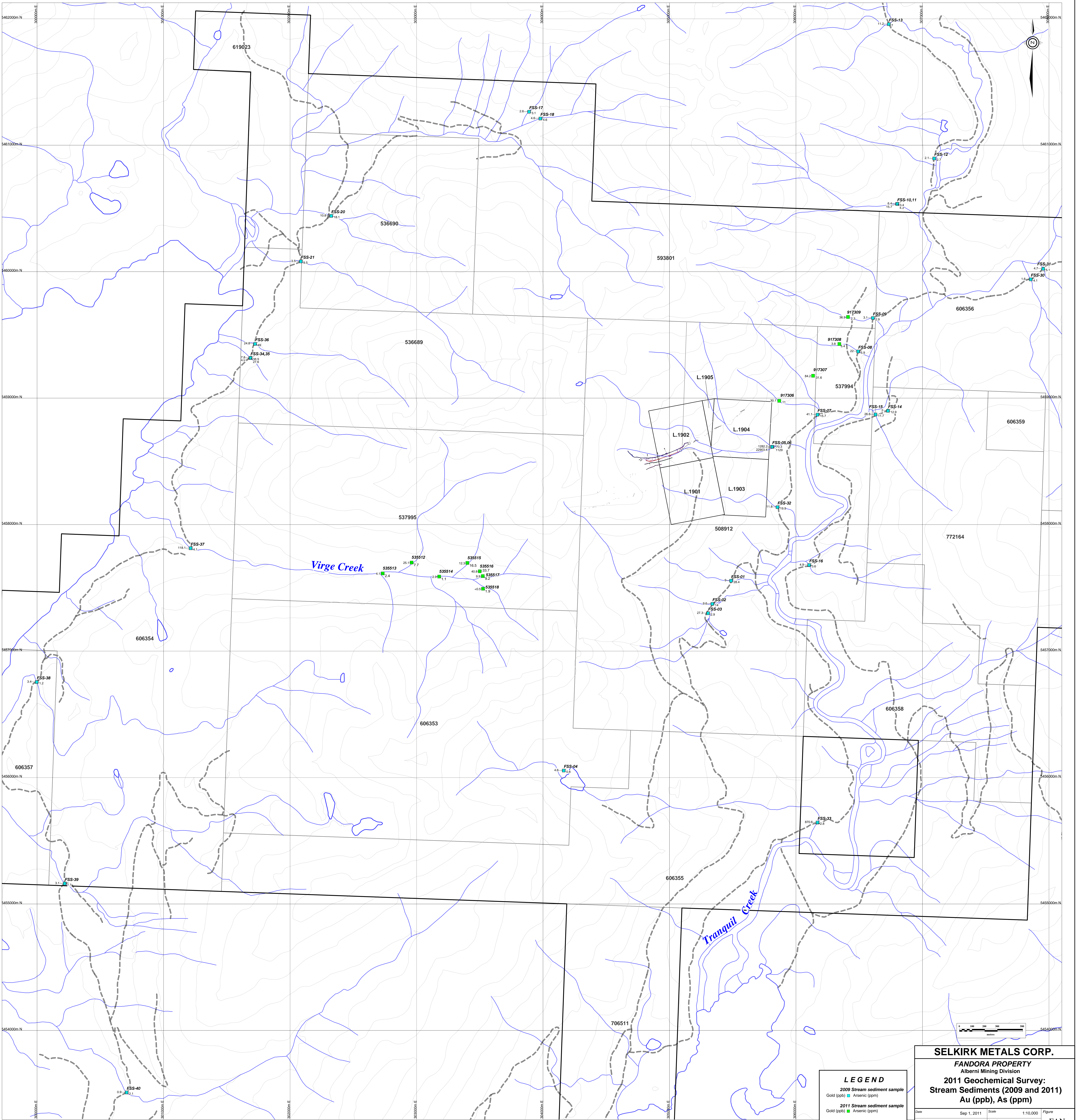
**Good = Lots of soil , little organics and gravel**

**Poor = Hard to find soil, lots of organics and gravel**

**SECTION F: ILLUSTRATIONS**

	<b>Plan Number</b>	<b>Title</b>	<b>Scale</b>
	FAN-11-1 (after p. 3)	BC Location Map	1:8,000,000
	FAN-11-2.2 (after p. 3)	General Location Map	1:250,000
	FAN-11-3.2 (after p. 3)	Claim Tenures	1:50,000
	FAN-11-4 (after p. 5)	Property Geology	1:50,000
	FAN-11-5 (in pocket)	2011 Geochemical Survey: Stream Sediments (2009 and 2011) Au (ppb), As (ppm)	1:10,000
	FAN-11-6 (in pocket)	2011 Geochemical Survey: Soil and Rock Sample Locations	1:5 000
	FAN-11-7 (in pocket)	2011 Geochemical Survey: Soil Samples (2009 and 2011) – Au (ppb)	1:5 000
	FAN-11-8 (in pocket)	2011 Geochemical Survey: Soil Samples (2009 and 2011) – As (ppm)	1:5 000
	FAN-11-9 (in pocket)	2011 Geochemical Survey: Soil Samples (2009 and 2011) – Cu (ppm)	1:5 000
	FAN-11-10 (in pocket)	2011 Geochemical Survey: Soil Samples (2009 and 2011) – Pb (ppm)	1:5 000





**LEGEND**

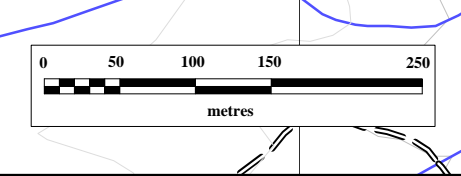
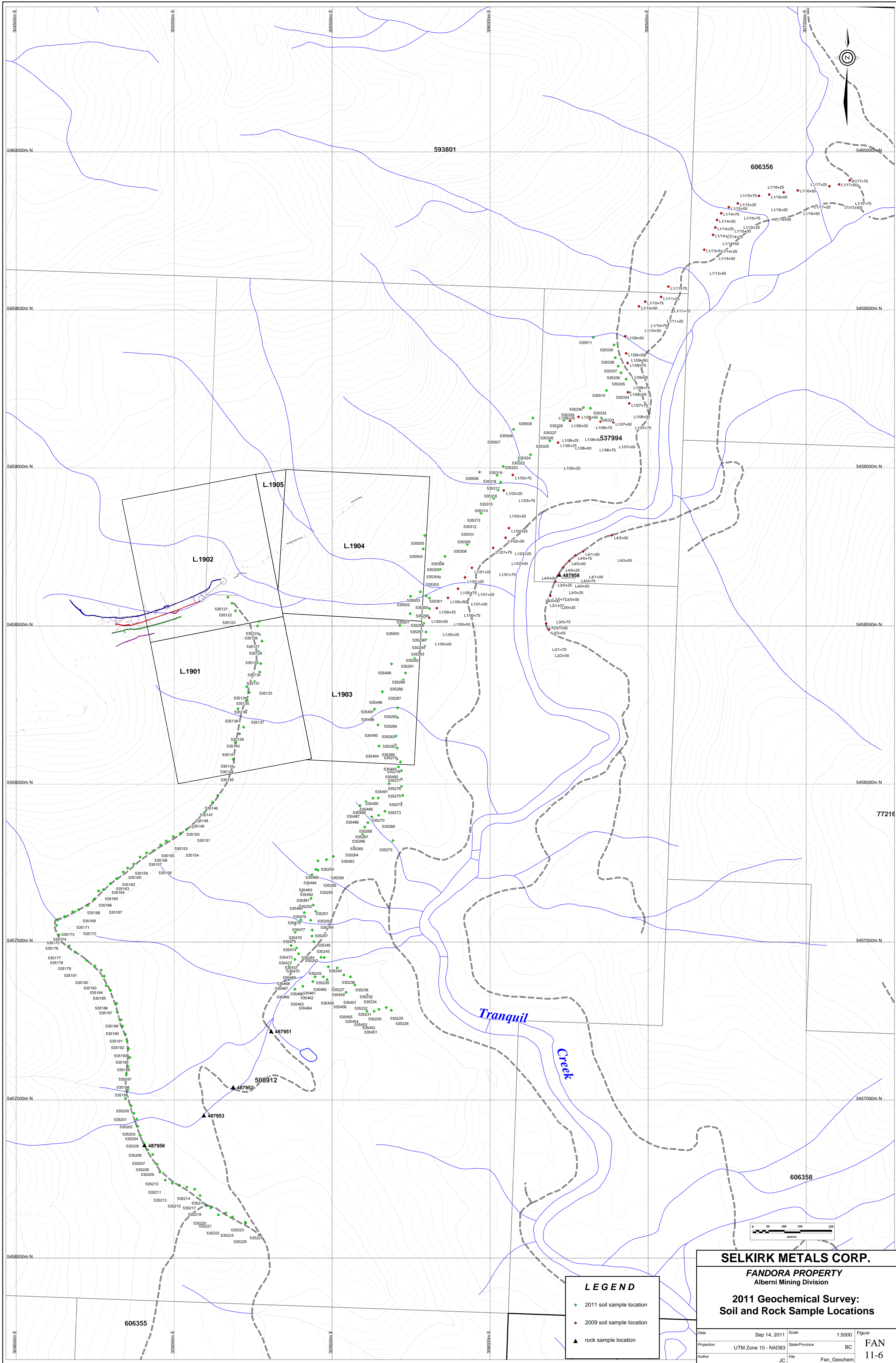
2009 Stream sediment sample  
 Gold (ppb) ■ Arsenic (ppm)

2011 Stream sediment sample  
 Gold (ppb) ■ Arsenic (ppm)

**SELKIRK METALS CORP.**  
**FANDORA PROPERTY**  
 Alberni Mining Division  
**2011 Geochemical Survey:**  
**Stream Sediments (2009 and 2011)**  
**Au (ppb), As (ppm)**

Date	Sep 1, 2011	Scale	1:10,000	Figure	
Projection	UTM Zone 10 - NAD83	State/Province	BC	FAN	
Author	JC	File	Fan_Geochem	11-5	





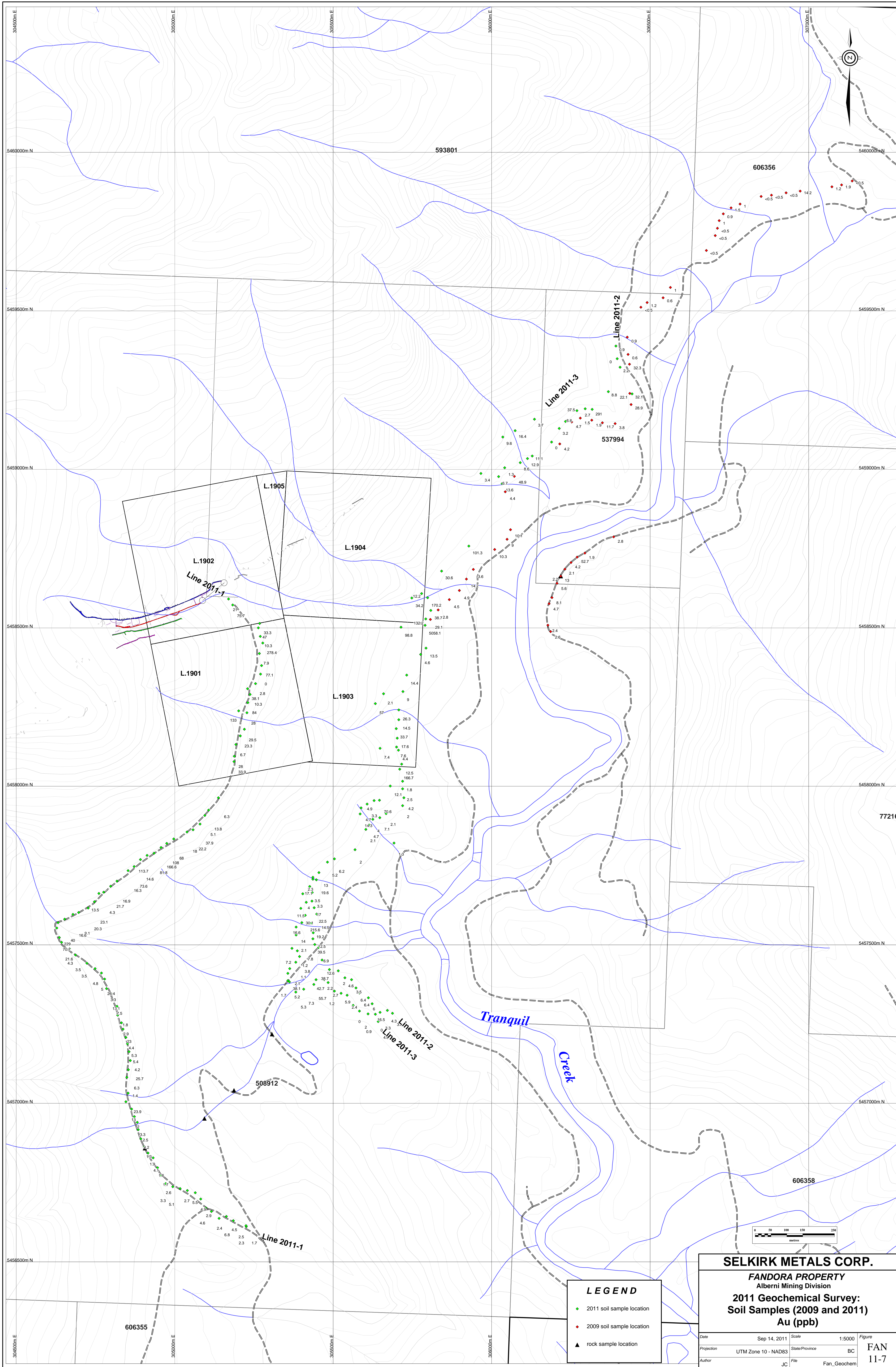
LEGEND		
<span style="color: green;">●</span>	2011 soil sample location	
<span style="color: red;">●</span>	2009 soil sample location	
<span style="color: black;">▲</span>	rock sample location	

**SELKIRK METALS CORP.**  
**FANDORA PROPERTY**  
 Alberni Mining Division

**2011 Geochemical Survey:  
 Soil and Rock Sample Locations**

Date	Sep 14, 2011	Scale	1:5000	Figure	FAN 11-6
Projection	UTM Zone 10 - NAD83	State/Province	BC		
Author	JC	File	Fan_Geochem		



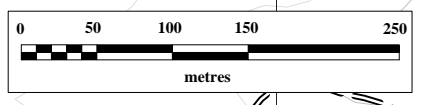


**LEGEND**

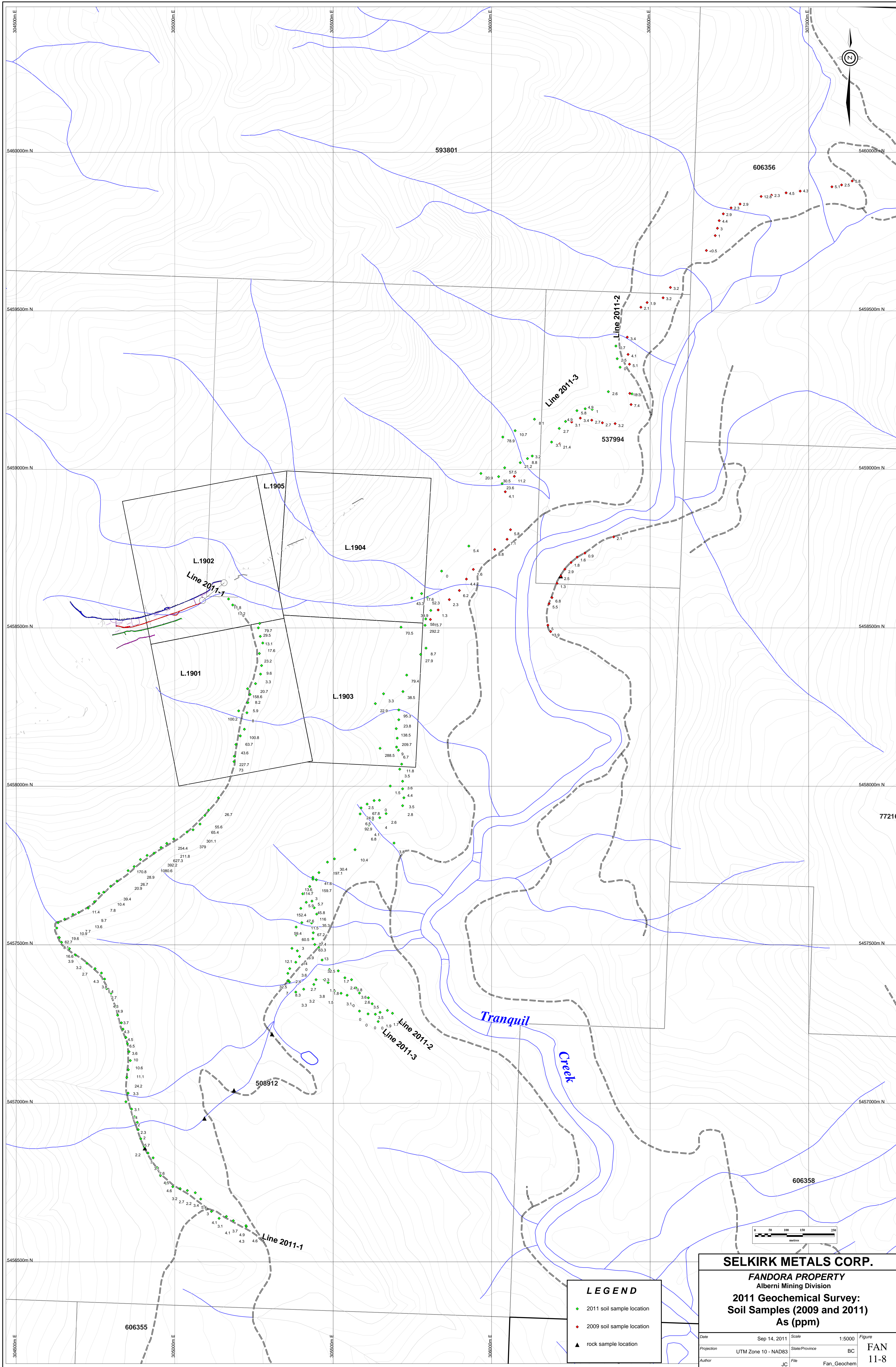
- ◆ 2011 soil sample location
- ◆ 2009 soil sample location
- ▲ rock sample location

**SELKIRK METALS CORP.**  
**FANDORA PROPERTY**  
 Albemarle Mining Division  
**2011 Geochemical Survey:**  
**Soil Samples (2009 and 2011)**  
**Au (ppb)**

Date	Sep 14, 2011	Scale	1:5000	Figure	FAN
Projection	UTM Zone 10 - NAD83	State/Province	BC		11-7
Author	JC	File	Fan_Geochem		







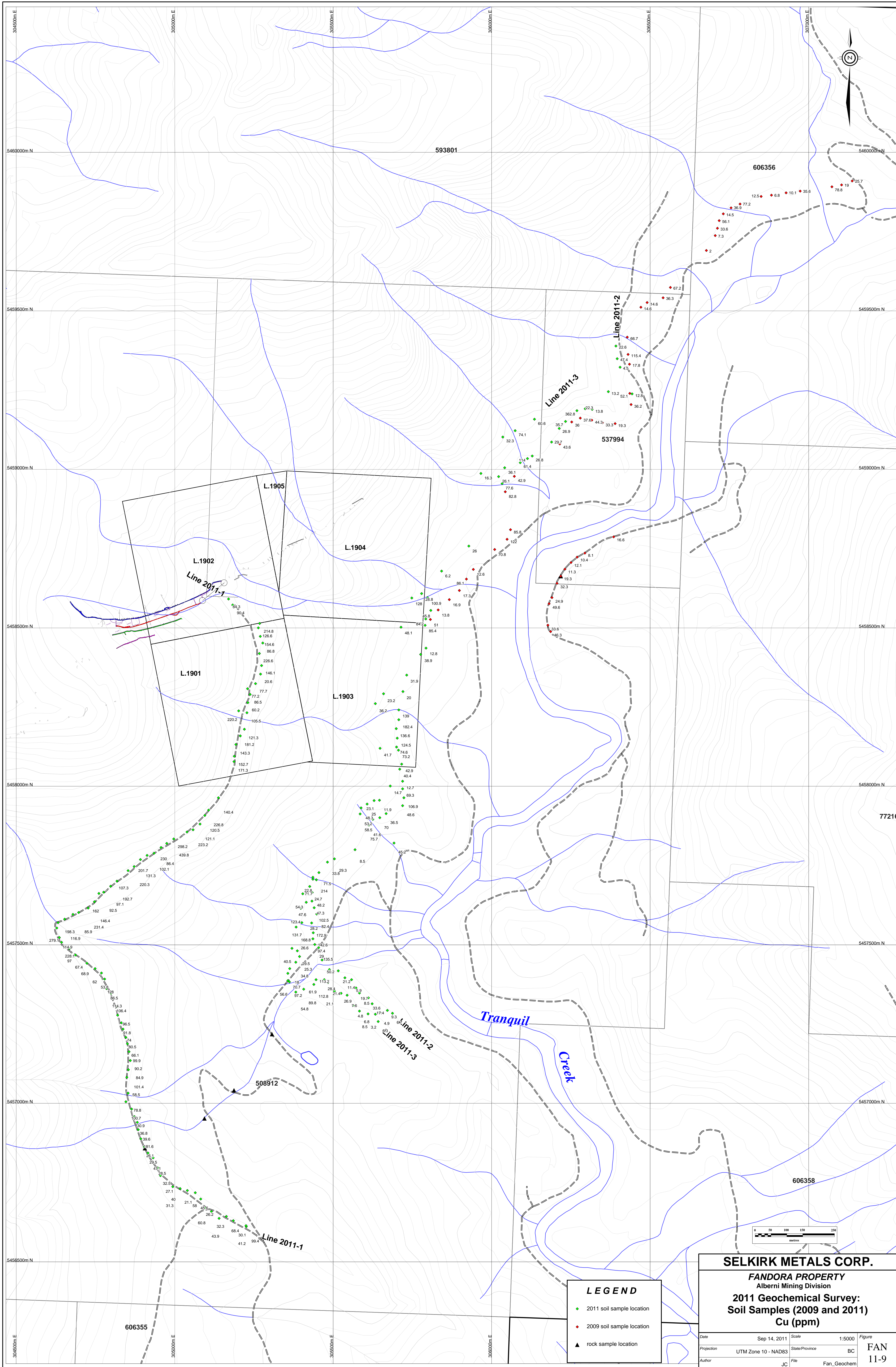
**LEGEND**

- ◆ 2011 soil sample location
- ◆ 2009 soil sample location
- ▲ rock sample location

**SELKIRK METALS CORP.**  
**FANDORA PROPERTY**  
 Alberni Mining Division  
**2011 Geochemical Survey:**  
**Soil Samples (2009 and 2011)**  
**As (ppm)**

Date	Sep 14, 2011	Scale	1:5000	Figure	FAN
Projection	UTM Zone 10 - NAD83	State/Province	BC		11-8
Author	JC	File	Fan_Geochem		





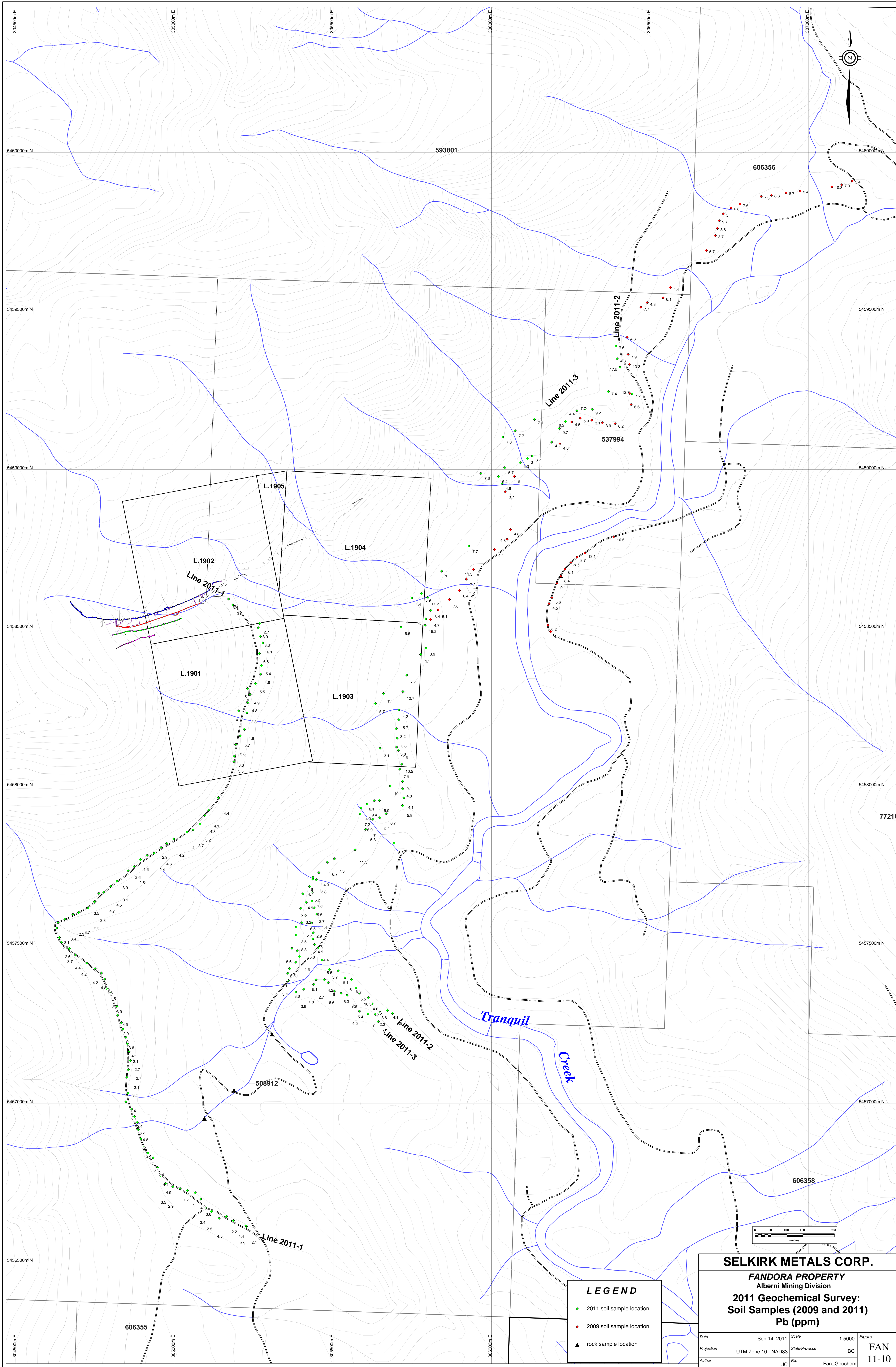
**LEGEND**

- ◆ 2011 soil sample location
- ◆ 2009 soil sample location
- ▲ rock sample location

**SELKIRK METALS CORP.**  
**FANDORA PROPERTY**  
 Alberni Mining Division  
**2011 Geochemical Survey:**  
**Soil Samples (2009 and 2011)**  
**Cu (ppm)**

Date	Sep 14, 2011	Scale	1:5000	Figure	FAN
Projection	UTM Zone 10 - NAD83	State/Province	BC		11-9
Author	JC	File	Fan_Geochem		





**LEGEND**

- ◆ 2011 soil sample location
- ◆ 2009 soil sample location
- ▲ rock sample location

**SELKIRK METALS CORP.**  
**FANDORA PROPERTY**  
 Alberni Mining Division  
**2011 Geochemical Survey:**  
**Soil Samples (2009 and 2011)**  
**Pb (ppm)**

Date	Sep 14, 2011	Scale	1:5000	Figure	FAN
Projection	UTM Zone 10 - NAD83	State/Province	BC		11-10
Author	JC	File	Fan_Geochem		