BRITISH COLUMBIA

Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

2009 Diamond Drilling and Geophysical Report on the Sphinx Property — **TOTAL COST $227,071.00**

AUTHOR(S) Chris S. Gallagher, M. Sc. SIGNATURE(S)

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-5-557 YEAR OF WORK 2009

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S)

PROPERTY NAME SPHINX

CLAIM NAME(S) (on which work was done) see attached report

COMMODITIES SOUGHT Mo, W, Au, Ag, Pb, Zn, Cu

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN MINFILE 082FNE004, 094, 095, 132,

MINING DIVISION NELSON / FORT STEELE NTS 082F057, 067

LATITUDE 49° 38' N LONGITUDE 116°40'W (at centre of work)

OWNER(S)

1) EAGLE PLAINS RESOURCES LTD 2)

MAILING ADDRESS

Suite 200, 16-11th Ave. S.

Cranbrook, B.C., V1C 2P1

OPERATOR(S) [who paid for the work]

1) Touchdown Capital Inc. 2)

MAILING ADDRESS

3102-788 Richards St

Vancouver, BC V6B 0C7

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

Middle Proterozoic Purcell Supergroup,Upper Paleozoic Windermere Supergroup; western flank of the Purcell Anticlinorium;homoclinal north-south trending sequence of sediments;Toby Formation quartzite, limestone, arkose,pebble conglomerate; Dutch Creek, Mount Nelson Formation laminated argillite, phyllite, quartzite, dolomite,minor amphibolite;quartz monzonite plug; IOCG, molybdenum; significant mineralization 1000 x 300m; airborne, high resolution Time Domain Electro Magnetic geophysical survey; phyllitic, argillic, low F-type, CXlimax type, skarn

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS MEMPR ASSRPT 7416,8628,11604,12935

MINFILE 082FNE004, 094, 095, 132,

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization	18.7 line km		$57,307.82
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ...)			
Soil			
Silt			
Rock			
Other	Drillcore 458 samples 30 element ICP plus Mo assay finish		$9,803.70
DRILLING (total metres; number of holes, size)			
Core	617m, 2 holes, NQ	Drilling Costs only	$49,779.77
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric (scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COS T	$227,071.00

2009 Diamond Drilling and Geophysical Report for the Sphinx Property

Volume I

Nelson / Fort Steele Mining Division, Southeastern B.C.

Mapsheets 82F057, 82F067

Latitude 49°38' N, Longitude 116°40'W

Prepared for:

Touchdown Capital Inc.
3102-788 Richards St
Vancouver BC, V6B 0C7
and
Eagle Plains Resources Ltd.
Suite 200 16-11th Ave. South
Cranbrook, BC V1C2P1

By

C. S. Gallagher, M, Sc.
Chief GeoTechnologist
Bootleg Exploration Inc.

February 5th, 2010

Summary

The Sphinx Mo-W porphyry system has been defined by 46 diamond drill holes for a total of 13621.7m of drilling and consists of a tabular, steeply-west dipping Cretaceous (?) quartz monzonite intrusive body with a true thickness of 85m and a strike length of 230m. A pervasive phyllic + local potassic alteration system, 700m by 350m in size, is developed in the host Mt. Nelson pelitic rocks and the intrusive itself. Mo mineralization, open to depth and to the west, is hosted in a qtz-py stockwork and fractures within the alteration zone and it should be noted that best grades on the property are located along the contact zone of the property. An NI43-101 compliant inferred resource estimate of 53Mt @ 0.035% Mo with a cutoff of 0.01% Mo was completed in early 2006. Future drilling will concentrate on increasing the grade of the deposit and exploring for secondary porphyry systems.

The Sphinx property consists of 15218.9 hectares located in the Grey Creek / Baker Creek area 60 km west of Kimberley, in southeastern British Columbia. The claims are owned 100% by Eagle Plains Resources Ltd, with part of the property carrying an underlying NSR.

The property is underlain by a northerly trending sequence of argillite and quartzite units of the Mount Nelson Formation. This assemblage abuts the older conglomerate unit of the Toby formation to the west.

The Sphinx claims cover four known Minfile occurrences. Three of the occurrences (Five Metals, Grey Creek Iron North and South) are iron formation or specular hematite, probably hosted by schistose conglomerate; the other (Jodi or Sly) is molybdenum mineralization that occurs in a stockwork of thin quartz veins in a shattered white quartzite unit.

A high resolution VTEM geophysical survey was flown over the property in early 2004. A total of 99 line km were completed, and three significant geophysical anomaly areas were outlined. The geophysics was followed up with a three day field program to assess the geology and mineralization, and to attempt to locate the historic Minfile occurrences.

In 2005, Eagle Plains optioned the Jodi claims which cover the historic Jodi or Sly Minfile occurrence. The Jodi claims overly brittle sedimentary units that have been intruded by Cretaceous (?) ganitoid rocks. Molybdenum and associated tungsten mineralization occurs as disseminations and within quartz-pyrite stockwork veins hosted by both sedimentary and intrusive rocks. Chemical alteration of rock units suggests the presence of a substantial porphyry-style mineralizing system. The area was first identified by Cominco Ltd. in 1978, which carried out surface work and limited diamond drilling from 1978 to 1984. Cominco completed a soil geochemical survey which resulted in the delineation of a 1700m x 500m tungsten-moly soil anomaly. Five drill holes were completed by Cominco, but no results were released. In 1997, Barkhor Resources drilled 10 holes into the soil anomaly and encountered significant molybdenum mineralization over a 1000m x 300m area.

After acquiring the Jodi claims, Eagle Plains retained David Pighin, P.Geo. who was involved with the original Cominco and Barkhor work, to undertake due diligence and data confirmation related to the historic work. All core from the 1997 Barkhor program was secured and examined and available assay results were compiled and interpreted. Some of the unsampled core was split and sent for analysis.

Based on the results from the historic work and the due diligence, Eagle Plains completed a total of 14 diamond drill holes, for a total of 10,921' (3,330m), in 2005. The area outlined by this and past diamond drilling programs measures approximately 400 x 1000m. Most holes intersected significant molybdenum mineralization over a broad area, with the mineralized zone open to depth and to the west. Analytical results include 47.0m grading .10% Mo (.167% MoS_2).Other fieldwork on the Sphinx property in 2005 included soil geochemical sampling, geological mapping and reinterpretation of airborne geophysics data. A 1.5km exploration trail was completed in order to provide access to future drill sites.

2006 exploration work on the property involved a two phase program consisting of groundwork during August of 2006 and a diamond drill program during September and October of 2006. The ground program involved geologic mapping and channel sampling along the exploration trail constructed in 2005. To the north of the deposit, along the power line, work included prospecting and geochemical surveys (soils) (Figures 7a to d). The ground program provided valuable information pertaining to post-mineralization faulting within the deposit (Sphinx fault). The 24 day, 4 hole diamond drill program totaled 1700m and was successful in intersecting high-grade Mo mineralization. Results included hole SX06015 grading **0.042% Mo over it's entire length (481.89m) including 79m @ 0.068%** and hole **SX06016 grading 47.0m @ 0.045% Mo including 6.0m @ 0.135% Mo** along the contact zone of the quartz monozite intrusive body. The drill program also provided valuable information pertaining to the geometry and magmatic evolution of the intrusive system.

The 2007 exploration program focused on higher grade Mo mineralization along the intrusive contact and in structurally controlled fault zones to the south. The program included eight diamond drillholes totalling 2,343.7m in length. The program was successful in intersecting higher grade Mo mineralization including hole SX07022 which intersected .077% Mo over 30.0m including 9.0m @ 0.104% Mo and SX07025 which intersected .085% Mo over 29.0m including 19.0m @ 0.104% Mo and also including 3.0m @ 0.276% Mo. Total expenditures for the 2007 exploration project were $866,263.82.

In 2008, Moose Mountain Technical Services was commissioned to complete an upto date resource calculation on the Sphinx deposit. A total of 38 diamond drill holes, from 1980 to 2007, were utilized in the calculation. A three dimensional solid was built to constrain the mineralized portion of the deposit. Using cross sections and drill hole information the limits of the mineralization were determined and modeled using MineSight software. The deposit is estimated to contain an indicated resource

of 41,450,000 tonnes at 0.041% Mo and an inffered resource of 37,180,000 tonnes at 0.040% Mo with a 0.03% Mo cutoff. See tables below for details.

SPHINX PROJECT - INDICATED RESOURCE			
Mo Cutoff	**Tonnes> Cutoff**	**Grade > Cutoff**	
(%)	**(tonnes)**	**Mo %**	**Million lbs Mo**
0.02	61,920,000	0.036	49.20
0.03	**41,450,000**	**0.041**	**37.50**
0.04	17,040,000	0.051	19.20
0.05	7,640,000	0.060	10.10
0.06	2,750,000	0.070	4.20
0.07	800,000	0.083	1.50
0.08	300,000	0.098	0.60

SPHINX PROJECT - INFERRED RESOURCE			
Mo Cutoff	**Tonnes> Cutoff**	**Grade > Cutoff**	
(%)	**(tonnes)**	**Mo %**	**Million lbs Mo**
0.02	57,150,000	0.035	44.10
0.03	**37,180,000**	**0.040**	**32.80**
0.04	13,660,000	0.050	15.10
0.05	5,830,000	0.057	7.30
0.06	1,370,000	0.065	2.00
0.07	140,000	0.078	0.20
0.08	40,000	0.090	0.10

The 2009 exploration program was designed to test for the presence of deep seated (>300m below surface) intrusive bodies, the presence of which, would best explain the development of strong mineralization / alteration south of the known intrusive stock. The program involved two phases consisting of an 18.7 km deep penetrating IP survey and two diamond drill holes (617m) from a single pad on section 4700N. Unfortunately, the IP survey did not acquire the planned depth or resolution and was not particularly useful in delineating deeply buried targets. Although no significant intrusive body was intersected in drilling, both holes were successful in intersecting well developed Mo mineralization and pervasive intense Si + Ser + Py alteration.

Hole SX09027 intersected 53.30m @ 0.07% Mo including 7.15m @ 0.11% Mo

Hole SX09028 intersected 5.00m @ 0.08% Mo

Total expenditures for the 2009 exploration program were $224,008.50

It is believed that the Sphinx property has extremely high potential to host both an economic porphyry stockwork style molybdenum deposit and Iron Oxide Copper Gold (IOCG) mineralization. Further work on the property is recommended including field truthing of geophysical and geochemical anomalies, more geological mapping in areas of interest and diamond drilling, both in the area of the resource and to continue to test for deeply burries / satellite intrusive bodies to the south. A budget for this proposed work is included with this report.

To date, EPL has spent approximately $2.00M in exploration on the property.

Chris Gallagher, M.Sc.

Chief GeoTechnologist, Bootleg Exploration

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1.0 Location, Access And Infrastructure

The Sphinx property consists of 15218.9 hectares located in the Grey Creek / Baker Creek area 60 km west of Kimberley, 15 km east of Crawford Bay, in southeastern British Columbia. The claims are centered at approximately Latitude 49°38' N, Longitude 116°40'W on NTS Mapsheets 082F057 and 067.

The property area is road-accessible from both the east and west via the Grey Creek Pass, a seasonally maintained secondary road, and a number of logging and historical exploration trails established on the property. Elevations range from 1700 – 2500 meters. Tree cover consists of mature stands of fir, spruce and larch and part of the property has been logged. The property area is subject to moderate precipitation, and the lower parts of the property are free of snow cover from June to October. The Sphinx claims straddle a a high-voltage hydro-electric line. Rail facilities are located at Marysville, 60km east of the property, which could be used to ship ore to the Teck-Cominco smelter at Trail, B.C., approximately 100 kilometers west of the Sphinx property.

EPL:TSX-V
Eagle Plains Resources Ltd.
Sphinx Property
Figure 1 - Property Location
Projection - NAD 83 UTM Zone 11N
Scale - 1: 7 500 000
29/12/2009
140°0'0"W
130°0'0"W
120°0'0"W
60°0'0"N
50°0'0"N
Yukon Territory
Whitehorse
Northwest Territories
Alaska
British Columbia
Alberta
Washington
Idaho
Pacific Ocean
Prince Rupert
Terrace
Smithers
Prince George
Bella Coola
Golden
Calgary
Kamloops
Sphinx
Kelowna
Cranbrook
Vancouver
Hope
Castlegar
Nelson
Grand Forks
Creston
Victoria
N
0
125
250
375
500
Kilometers

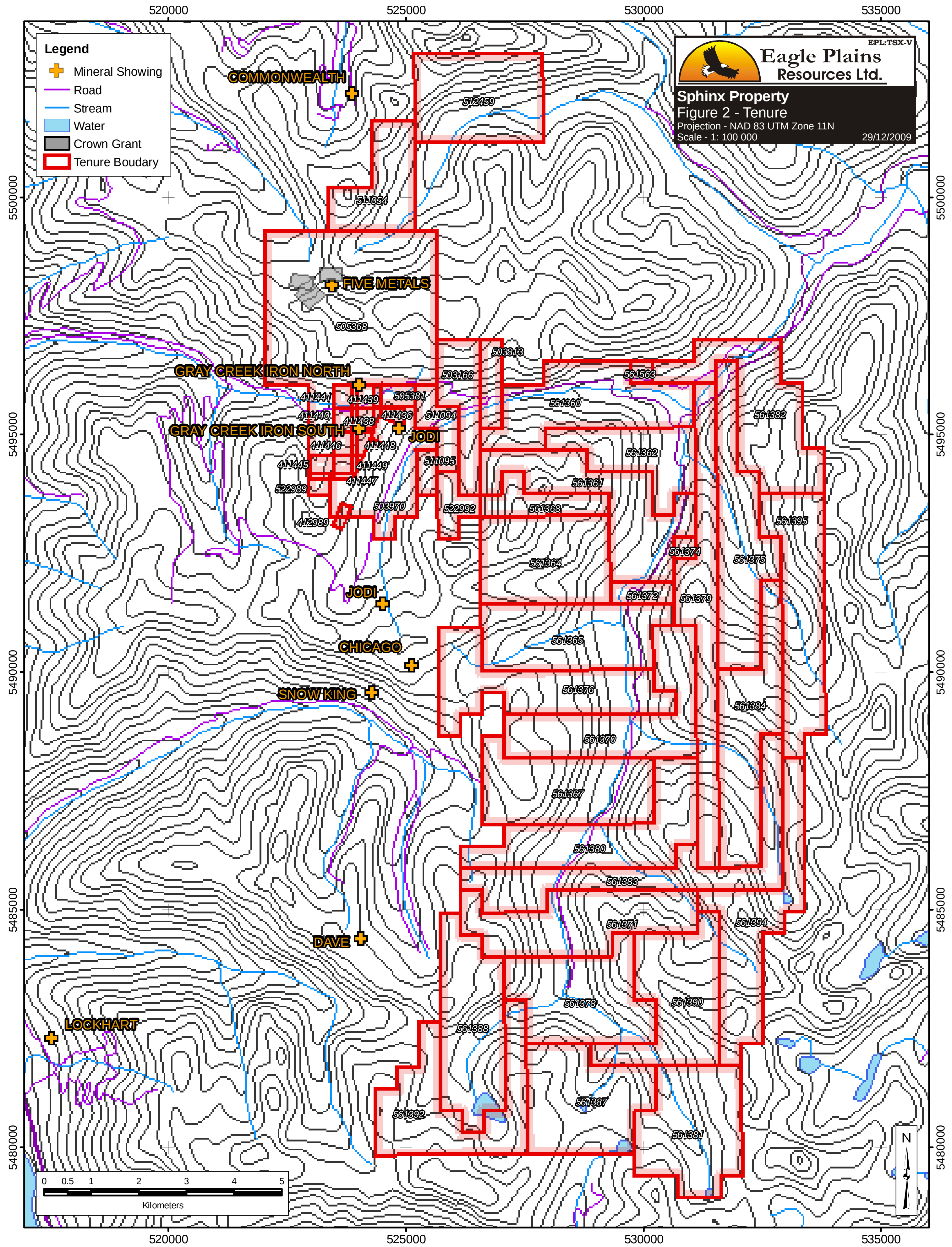
2.0 Tenure

The property consists of both 2 post and four post legacy claims and MTO claims located in the Nelson and Fort Steele Mining divisions on NTS Mapsheets 082F057 and 067. Total property area is 15218.9 hectares owned 100% by Eagle Plains Resources Ltd. Part of the property carries a 2% NSR. A list of all pertinent tenure details follows.

Table 1 – Tenure Details

Tenure Number	Owner	Tenure Name	Good To Date (YYYY/MM/DD)	Mining District	Area (Ha)	Tag Number
561360	100% EPL	SX	2011/11/30	12 Nelson	523.447	
561361	100% EPL	SX	2011/11/30	12 Nelson	523.617	
561362	100% EPL	SX	2011/11/30	12 Nelson	314.109	
561364	100% EPL	SX	2011/11/30	12 Nelson	502.75	
561365	100% EPL	SX	2011/11/30	12 Nelson	523.797	
561367	100% EPL	SX	2011/11/30	12 Nelson	524.105	
561368	100% EPL	SX	2011/11/30	12 Nelson	146.62	
561370	100% EPL	SX	2011/11/30	12 Nelson	523.958	
561371	100% EPL	SX	2011/11/30	12 Nelson	524.369	
561372	100% EPL	SX	2011/11/30	12 Nelson	62.845	
561374	100% EPL	SX	2011/11/30	12 Nelson	20.946	
561375	100% EPL	SX	2011/11/30	12 Nelson	523.626	
561376	100% EPL	SX	2011/11/30	12 Nelson	523.898	
561378	100% EPL	SX	2011/11/30	12 Nelson	524.517	
561379	100% EPL	SX	2011/11/30	12 Nelson	523.784	
561380	100% EPL	SX	2011/11/30	12 Nelson	524.193	
561381	100% EPL	SX	2011/11/30	12 Nelson	524.776	
561382	100% EPL	SX	2011/11/30	12 Nelson	523.397	
561383	100% EPL	SX	2011/11/30	12 Nelson	524.251	
561384	100% EPL	SX	2011/11/30	12 Nelson	524.001	
561387	100% EPL	SX	2011/11/30	12 Nelson	524.722	
561388	100% EPL	SX	2011/11/30	12 Nelson	523.488	
561390	100% EPL	SX	2011/11/30	12 Nelson	524.522	
561392	100% EPL	SX	2011/11/30	12 Nelson	515.137	
561394	100% EPL	SX	2011/11/30	12 Nelson	524.378	
561395	100% EPL	SX	2011/11/30	12 Nelson	523.756	
561563	100% EPL	SX	2011/11/30	12 Nelson	20.934	

Tenure Number	Owner	Tenure Name	Good To Date (YYYY/MM/DD)	Mining District	Area (Ha)	Tag Number
522992	100% EPL	SPHINX SE	2018/01/10	5 Fort Steele	83.791	
522989	100% EPL	SPHINX SW	2018/01/10	5 Fort Steele	20.946	
412989	100% EPL	JODI NO 11	2018/07/30	5 Fort Steele	25	
503970	100% EPL		2018/07/30	5 Fort Steele	377.026	
511094	100% EPL		2018/07/30	5 Fort Steele	104.711	
511095	100% EPL		2018/07/30	5 Fort Steele	41.892	
503166	100% EPL	DLP (Pighin claim)	2018/11/25	12 Nelson	209.402	
503813	100% EPL	JODI 20	2018/11/25	5 Fort Steele	83.753	
411441	100% EPL	SPHINX 10	2018/11/25	12 Nelson	25	726764M
411445	100% EPL	SPHINX 14	2018/11/25	12 Nelson	25	726768M
411446	100% EPL	SPHINX 15	2018/11/25	12 Nelson	25	724971M
411447	100% EPL	SPHINX 16	2018/11/25	12 Nelson	25	724972M
411448	100% EPL	SPHINX 17	2018/11/25	12 Nelson	25	724973M
411449	100% EPL	SPHINX 18	2018/11/25	12 Nelson	25	724974M
411436	100% EPL	SPHINX 5	2018/11/25	12 Nelson	25	726759M
411438	100% EPL	SPHINX 7	2018/11/25	12 Nelson	25	726761M
411439	100% EPL	SPHINX 8	2018/11/25	12 Nelson	25	726762M
411440	100% EPL	SPHINX 9	2018/11/25	12 Nelson	25	726763M
512459	100% EPL	SPHINX NE	2018/11/25	12 Nelson	501.821	
511054	100% EPL	SPHINX TOP	2018/11/25	12 Nelson	292.946	
505368	100% EPL		2018/11/25	12 Nelson	1339.73	
505381	100% EPL		2018/11/25	12 Nelson	41.88	



Legend
Mineral Showing
Road
Stream
Water
Crown Grant
Tenure Boudary
EPL:TSX-V
Eagle Plains Resources Ltd.
Sphinx Property
Figure 2 - Tenure
Projection - NAD 83 UTM Zone 11N
Scale - 1: 100 000
29/12/2009
COMMONWEALTH
FIVE METALS
GRAY CREEK IRON NORTH
GRAY CREEK IRON SOUTH
JODI
JODI
CHICAGO
SNOW KING
DAVE
LOCKHART
512459
511054
505368
503813
503166
505381
511094
511095
411441
411439
411440
411438
411436
411446
411448
411445
411449
411447
522989
412989
503970
522992
561563
561360
561382
561362
561361
561368
561395
561374
561364
561375
561372
561379
561365
561376
561384
561370
561367
561380
561383
561371
561394
561378
561390
561388
561387
561392
561381
0
0.5
1
2
3
4
5
Kilometers
N
520000
525000
530000
535000
5500000
5495000
5490000
5485000
5480000

3.0 History And Previous Work

The original Sphinx claims were staked by Eagle Plains Resources in 2002 to cover the Five Metals (Minfile 082FNE132) occurrence. Subsequently, more claims have been acquired to cover the Grey Creek Iron North and South (Minfile 082FNE094, 095) and Jodi-Sly (Minfile 082FNE004) occurrences.

Most of the current Sphinx claims have seen very limited work in the past. The Grey Creek Iron showings have seen a small amount of trenching, with a shallow adit developed at the Grey Creek North occurrence. This work is believed to have been carried out in the early 1900's.

At the Five Metals occurrence, iron ore with values in silver, lead and copper was reported to occur at the head of Houghton Creek (EMPR AR 1902-163). By 1905, over $10,000 was spent in development by the Five Metals Company At this time, men were still engaged in "running a deep level to tap the main ledge". This "ledge" was reported to be 30 metres wide. A furnace with 40 tonnes/day capacity was planned.

This occurrence has been created based on its given location at the head of Houghton Creek and on the north side of Sphinx Mountain (The Nelson Miner, 1905). Although in the same vicinity, the Gray Creek occurrences are well defined by J.T. Fyles in a 1956 report (Property File) as being to the south of Sphinx Mountain. Three Crown grants exist near the location at which the Five Metals should occur: Palouser (Lot 8797), Spokane (Lot 8796) and Tekoa (Lot 8798).

Mineralization in the area of the Jodi-Sly occurrence was first identified by Cominco Ltd. in 1978, which carried out surface work and limited diamond drilling from 1978 to 1984. Cominco completed a soil geochemical survey which resulted in the delineation of a 1700m x 500m tungsten-moly anomaly. 4-6 drill holes were completed, but no results were released. In 1997, Barkhor Resources drilled 10 holes into the soil anomaly and encountered significant mineralization over a 1000m x 300m area. Results from only one hole were ever released (DDH JI97-06), but a private consultant reported that "typical drill intersections are averaging 0.03-0.038% Mo over core lengths ranging from 90 to 230m".

The 2004 work program consisted of an airborne, high resolution Time Domain Electro Magnetic geophysical survey, followed by a short field program. Geophysical data collection was done by Geotech Ltd. and data processing and interpretation was contracted to SJ Geophysics and Condor Consulting. The survey area covered 8.12 square kilometers and comprised 26 lines and 8 tie lines, for a total of 99 line kilometers. The survey was flown in early March 2004 with helicopter support provided by Bighorn Helicopters using an AStar 350B2.

The field program was carried out over a period of three days from June 22 – 24 2004. Two field technicians collected a total of 21 rock samples. The rock samples were shipped to Eco-Tech Laboratories in Kamloops, B.C. for analysis. The samples were analyzed for 30 element ICP using aqua-regia digestion. All samples were collected, handled, cataloged and prepared for shipment by Bootleg Exploration Inc.

Overall project supervision was by C.C. (Chuck) Downie, P.Geo Exploration Manager, Bootleg Exploration.

All exploration and reclamation work was carried out in accordance to Ministry of Environment, Ministry of Mines and WCB regulations.

Total expenditures by Eagle Plains Resources on the property in 2004 were $31,389.32.

Of the 21 rock samples collected, six returned anomalous values. Sample S-12, dolomitic float with fractures containing galena and sphalerite returned values of 2180 ppm Zn. Sample S-13,, a 45 cm wide zone of quartz veins, returned 1836 ppm Zn. Sample S-14, a 30 cm wide quartz shear, returned 112 g/T Ag, 240 ppm Bi, and 1.23 % Pb and S-15, from the same location returned 1198 ppm Pb. Sample S-17, a 1 meter wide quartzite band, returned 1.28% Cu and S-16, from the same location, returned 2458 ppm Pb.

2005 exploration by Eagle Plains Resources Ltd. has concentrated on the zone of molybdenum mineralization in the area of the Jodi – Sly Minfile occurrence. Eagle Plains completed 14 diamond drill holes, for a total of 10,921' (3,330m), in 2005. The area outlined by this and past diamond drilling programs measures approximately 400 x 1000m. Most holes intersected significant molybdenum mineralization over a broad area, with the mineralized zone open to depth and along strike in one direction. Analytical results include 47.0m grading 0.10% Mo (0.167% MoS_2). Other fieldwork on the Sphinx property in 2005 included soil geochemical sampling (1138 samples) and geological mapping. A 1.5km exploration trail was completed in order to provide access to future drill sites. Total 2005 exploration expenditures by Eagle Plains Resources on the Sphinx property was $559,146.75

In April 2006, Eagle Plains retained Barry Price P.Geo. to prepare a resource estimate on the Sphinx mineralization. Based on a thorough review of the geological and analytical data, Price arrived at a resource estimate of approximately 60 million tonnes with an average grade of 0.035% Mo. Within this envelope of very consistent fracture and vug-controlled molybdenite mineralization, are numerous intercepts of higher grade, up to 1.1% Mo. within 1-3 meter intercepts. Prices' resource estimate corresponds to the NI 43-101 category of an Inferred Mineral Resource.

2006 exploration work on the property involved a two phase program consisting of groundwork during August of 2006 and a diamond drill program during September and October of 2006. The ground program involved geologic mapping and channel sampling along the exploration trail constructed in 2005. To the north of the deposit, along the power line, work included prospecting and geochemical surveys (soils). The ground program provided valuable information pertaining to post-mineralization faulting within the deposit (Sphinx fault). The 24 day, 4 hole diamond drill program totaled 1700m and was successful in intersecting high-grade Mo mineralization. Results included hole SX06015 grading **0.042% Mo over it's entire length (481.89m) including 79m @ 0.068%** and hole **SX06016 grading 47.0m @ 0.045% Mo including 6.0m @ 0.135% Mo** along the contact zone of the quartz monozite intrusive body. The drill program also provided valuable information pertaining to the geometry and magmatic evolution of the intrusive system.

The 2007 exploration program focused on higher grade Mo mineralization along the intrusive contact and in structurally controlled fault zones to the south. The program included eight diamond drillholes totalling 2,343.7m in length. The program was successful in intersecting higher grade Mo mineralization in the majority of holes. Total expenditures for the 2007 exploration project were $866,263.82.

4.0 Geology

4.1 Regional Geology

Regionally the area is underlain by rocks of the Middle Proterozoic Purcell Supergroup and by Upper Paleozoic rocks of the Windermere Supergroup. The area is located on the western flank of the Purcell Anticlinorium, a broad, north-plunging arch-like structure in Helikian and Hadrynian aged rocks. The anticlinorium is allocthonous, carried eastward and onto the underlying cratonic basement by generally north trending thrusts throughout the Laramide orogeny during late Mesozoic and early Tertiary time.

The oldest rocks exposed in the area are greenish, rusty weathering thin bedded siltites and quartzites of the greater than 4000m thick Lower Aldridge Formation, along with the facies-related, dominantly fluvial Fort Steele Formation (the base of which is unexposed). The Sullivan deposit is located some 20-30m below the upper contact of the Lower Aldridge Formation. Overlying the Lower Aldridge is a continuous section of Middle Aldridge quartz wackes, subwackes and argillites some 3000+ m thick. Within the Middle Aldridge formation, fourteen varied marker horizons can be correlated over hundreds of kilometres. These represent the only accurate stratigraphic control. A number of aerial extensive, locally thick gabbroic sills are present within the Lower and Middle Aldridge Formations. These sills and dykes; the "Moyie Sills", locally were intruded into wet, unconsolidated sediments, and have been dated to 1445 Ma, providing a minimum age for Aldridge sedimentation and formation of the Sullivan deposit. The Middle Aldridge is overlain conformably by the Upper Aldridge, 300 to 400 meters of thin, fissile, rusty weathering siltite/argillite.

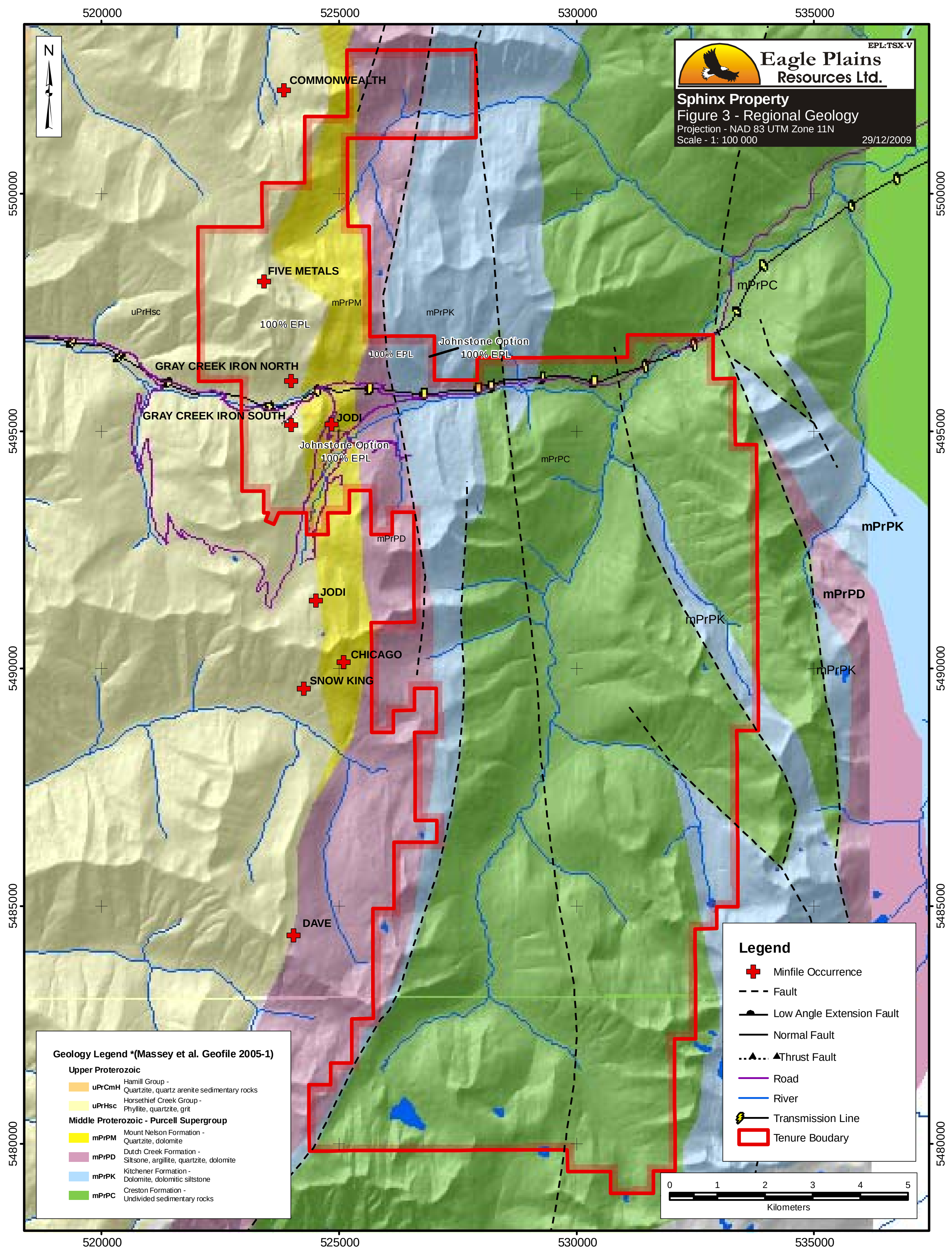
Conformably overlying the Aldridge Formation is the Creston Formation, comprising approximately 1800 meters of grey, green and maroon, cross-bedded and ripple marked platformal quartzites and mudstones. The Kitchener-Siyeh Formation, which includes 1200 to 1600 meters of grey-green and buff coloured dolomitic mudstone are shallow water sediments overlying the Creston Formation.

The upper portion of the Purcell Supergroup consists of the Dutch Creek and Mount Nelson Formations. The Dutch Creek formation consists of approximately 1200 meters of dark grey, calcareous dolomitic mudstones. Overlying the Dutch Creek formation is the Mount Nelson formation, 1000 meters of grey-green and maroon mudstone and calcareous mudstones. This unit marks the top of the Purcell Supergroup.

Overlying the Purcell Supergroup is the Windermere Supergroup. Regionally, the Windermere Supergroup varies in thickness from 80 metres to over 3 kilometres and is in sharp contact with the underlying Belt-Purcell Supergroup across an unconformity with considerable topography, interpreted as a result of a local basement high, the "Windermere High" (Reesor 1973). The Windermere Supergroup was deposited above this unconformity and consists of a basal conglomeratic unit, the Toby Formation, and the overlying argillite and pebble conglomerate dominated Horsethief Creek Formation.

The Sphinx property in a regional sense is crudely surrounded by large granitic batholiths. These large granitic bodies are mapped as the White Creek batholith, the Fry Creek batholith, the Nelson Batholith and the Bayonne batholith. Small plutons, plugs and dykes are widely scattered throughout the area. Age determinations on these granitic bodies suggest that they range in age from early to mid-Cretaceous.

Structure in the region is dominated by intensely developed north trending, steeply dipping foliation that sub-parallels the strike and dip of the meta-sediments. Small scale asymmetrical and isoclinal folds are commonly found at outcrop large folds on a scale of kilometers have been mapped in the region by government workers. The dominant fault in the area is the Redding Creek fault. Two kilometers west of the Redding Creek fault a similar fault cuts the eastern part of the Sphinx property. These structures appear to be high angle reverse faults that dip to the west. Leclair and Reesor estimate that the Redding Creek fault may have 1000 meters of reverse movement, west side up.


EPL:TSX-V
Eagle Plains Resources Ltd.
Sphinx Property
Figure 3 - Regional Geology
Projection - NAD 83 UTM Zone 11N
Scale - 1: 100 000
29/12/2009
520000
525000
530000
535000
5500000
5495000
5490000
5485000
5480000
N
COMMONWEALTH
FIVE METALS
GRAY CREEK IRON NORTH
GRAY CREEK IRON SOUTH
JODI
JODI
CHICAGO
SNOW KING
DAVE
100% EPL
Johnstone Option
100% EPL
uPrHsc
mPrPM
mPrPK
mPrPC
mPrPD
mPrPK
mPrPD
Geology Legend *(Massey et al. Geofile 2005-1)
Upper Proterozoic
uPrCmH Hamill Group - Quartzite, quartz arenite sedimentary rocks
uPrHsc Horsethief Creek Group - Phyllite, quartzite, grit
Middle Proterozoic - Purcell Supergroup
mPrPM Mount Nelson Formation - Quartzite, dolomite
mPrPD Dutch Creek Formation - Siltsone, argillite, quartzite, dolomite
mPrPK Kitchener Formation - Dolomite, dolomitic siltstone
mPrPC Creston Formation - Undivided sedimentary rocks
Legend
Minfile Occurrence
Fault
Low Angle Extension Fault
Normal Fault
Thrust Fault
Road
River
Transmission Line
Tenure Boudary
0 1 2 3 4 5
Kilometers

4.2 Property Geology

The Sphinx property sits astride an angular unconformity which marks the contact between mid-Proterozoic and upper Proterozoic sediments. The upper Proterozoic Toby Formation and Horsethief Group sediments occupy the west half property, the mid-Proterozoic, Mt. Nelson, Dutch Creek and Kitchener sedimentary formations occupy the east half of the property. A small quartz monzonite cupola intrudes the Mt. Nelson meta-sediments near the center of the known molybdenite mineralization.

The southern part of the Sphinx property hosts widespread molybdenite mineralization and most geological work is currently focused in and around the mineralized area. Outcrop in the area underlain by the moly mineralization is very rare. However, drill hole data coupled with outcrop data from the surrounding ridges is sufficient to provide a preliminary geological map for the southern part of the Sphinx property (Figure 4).

In the southern part of the property intense thermal alteration has totally recrystallized the Mt. Nelson sediments, such that original sedimentalogical characteristics are totally destroyed. However, geological mapping has sub-divided the meta-sediments into three distinct metamorphic facies. All the known moly mineralization on the property is hosted by the following alteration assemblages and the associated altered quartz monzonite cupola.

A calc-silicate interlayered diopside-garnet skarn facies is traceable throughout the southern part of the Sphinx property. In drill holes this unit ranges between 20 and 75 meters in thickness. The calc-silicate is generally finely layered by green, white and black banding. These layers are formed by actinolite, sericite, biotite and aphanitic quartz. The diopside-garnet skarn is generally a very calcareous, coarsely crystalline, apple green, orange and black rock. The skarn occurs in layers from 20 cm to 200 cm in thickness. The skarn is composed mainly of crystalline diopside, pyrite, grossularite, calcite and magnetite. The skarn is coarsely crystalline and typically vuggy.

The sericitic quartzite facies occurs irregularly throughout the mineralized area in well defined bands with drill indicated thickness from 2.0 meters to 50 meters. The sericitic quartzite is a massive, hard, white to light green rock, with an aphanitic, glossy texture with a composition of roughly 90% quartz and 10% sericite. The irregular thickness and distribution of this facies may be the result of a late stage thermal metamorphic event that altered much of the original sericitic quartzite phyllite facies described below.

The dominant metamorphic facies in the area of interest is a sericite-quartz phyllite. This rock is generally light yellowish white in colour and is composed of approximately 60% sericite and 40% quartz. The sericite-quartz phyllite has a finely laminated texture formed by thin alternating layers of finely crystalline sericite and aphanitic quartz. Contact relationships between the sericite-quartz phyllite facies and the adjacent metamorphic facies suggest that much of the sericite-quartz phyllite was formed at the expense of the older facies. Drilling indicates that the sericite-quartz phyllite facies is increasing in width and intensity at depth.

A quartz monzonite cupola and numerous monzonite and aplitic dykes intrude the above molybdenite bearing meta-sediments. In plan the cupola has a near surface measurement of 100 meters by 180 meters elongated northerly parallel to the dominant foliation pattern. Drilling shows that the intrusive dips steeply west parallel to the dip of the dominant foliation. Drilling also indicates that quartz monzonite body is widening at depth. The quartz monzonite consists of light gray aphanitic quartz surrounding white and light green feldspar, with rare pink feldspar and abundant orange feldspar developed near moly-quartz veinlets. Texturally the quartz monzonite consists of equigranular, coarsely crystalline sub-hedral feldspar, with rare large phenocrysts, in an aphanitic quartz matrix, with some of the quartz forming “quartz eyes”. Core from the 2006 drill program reveals banded quartz textures within the intrusive similar to that of 'Brain Rock' documented at other deposits such as Climax and Henderson. Miarolitic cavities are abundant through out the intrusive. Argillic alteration is well developed throughout the quartz monzonite, with of the feldspar altered to kaolinite. Original biotite is altered to sericite and chlorite, with strong development of late stage potassic feldspar in areas adjacent to quartz-moly veinlets.

Structure

Structure on the property is dominated by a South striking, moderate- to steeply-dipping transposition foliation, S_{0-1}, defined by compositional layering and preferentially oriented phylosilicates. This transposition fabric defines the map pattern for lithologic units on the property. Small scale, gently-north-plunging asymmetric folds are common in phyllitic argillite outcrops and thin bedded siltstones which are outside the zone of intense thermal alteration. The axial plane cleavage for these small folds is parallel to S_{0-1}. A second north striking cleavage, S_2 which dips 40 to 50 degrees to the east is also noted. The youngest cleavage on the property, S_3, was noted during 2006 mapping of the access trail. This well developed cleavage strikes east and dips steeply (55 to 80 degrees) to the south. It is important to note that these three cleavages, present in the host rocks, are the dominant control on mineralized veins and fractures in the system.

A major north striking reverse fault cuts the Sphinx claim block 900 meters east of the known molybdenite mineralization. This fault dips west and moves upper Dutch Creek sediments over upper Kitchener sediments. This fault appears to have cut away 1800 meters of the Dutch Creek formation.

4.3 Mineralization

Molybdenite mineralization on the Sphinx property has been outlined by soil geochemistry and verified by diamond drilling. This work has discovered a zone of molybdenite mineralization that in plan has a surface measurement of at least 1000 meters by 250 to 300 meters wide and depth of at least 300 meters. Mineralization remains open to the east, west and to to depth.

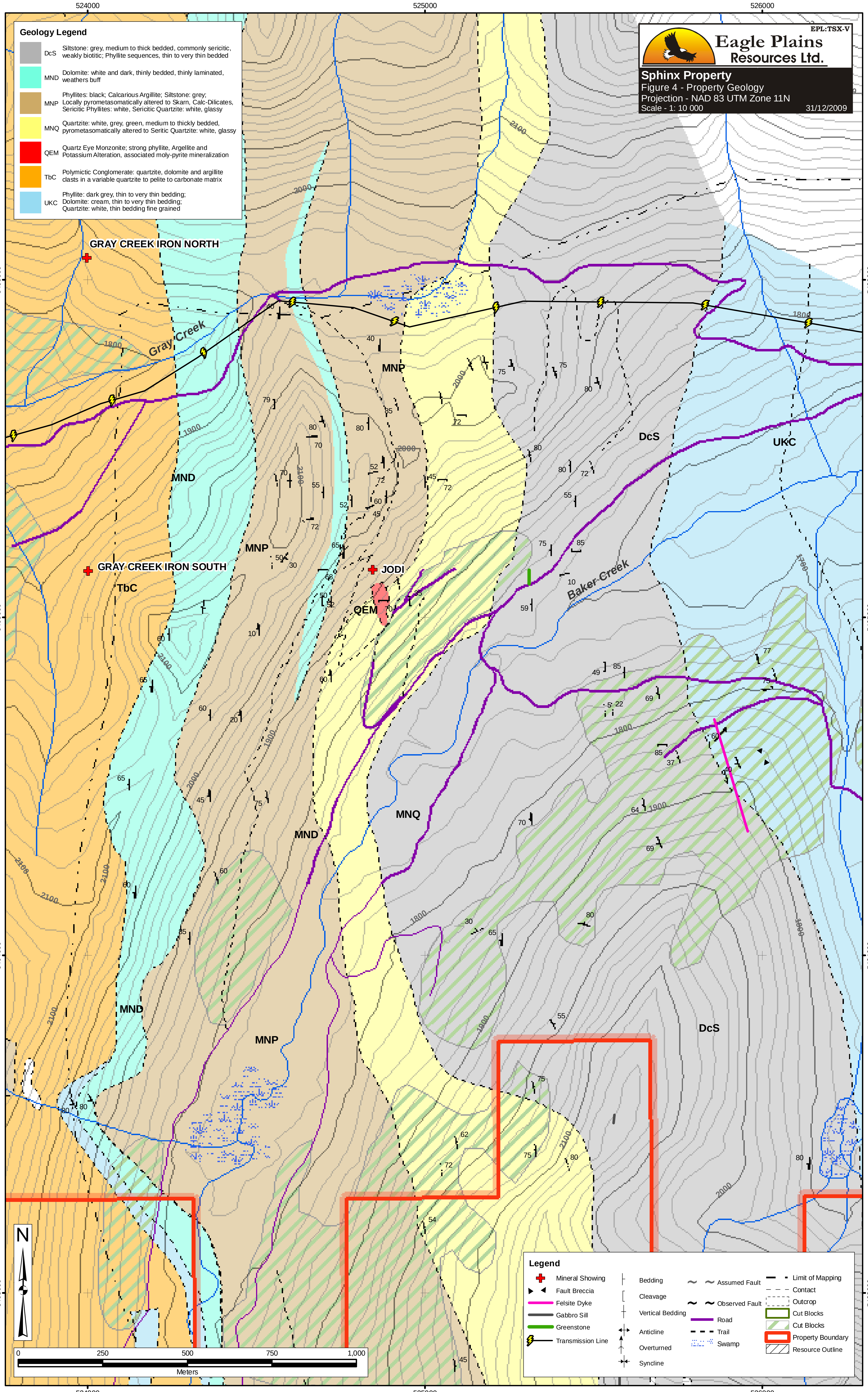
The molybdenum mineralization is hosted in quartz-molybdenite-pyrite stockworks. This mineralized stockwork is the latest geological event on the Sphinx claims and is developed only in the area of intense thermal alteration. Mineralization is best developed within a 50m thick zone defined by the quartz monzonite contact. Ore grade mineralization is also present in the quartz monzonite body itself, in the sericitic quartzite, in the sericite-quartz phyllite, and is poorly developed in the calc-silicate-skarn facies.

At least three fracture sets form the quartz-moly-pyrite stockwork. The dominant set parallels the north striking trend of the regional cleavage, a second set of fractures strikes east-west and dips south between 60° and 80°, a third set fractures strike north-east and dips to the north at 80°.

The stockwork is formed mainly by a white, drusy quartz gangue with lesser K-feldspar and rare fluorite. The principle sulphides molybdenite and pyrite are deposited mainly as selvages along the vein contacts. Molybdenite and pyrite also line quartz crystal druses in the veins. The quartz molybdenite-pyrite veins also host magnetite that is locally abundant. Rare yellow sphalerite and scheelite also occur in some of the moly bearing veins.

Where the mineralized stockwork is developed in the meta-sediments, phyllic alteration is also well developed forming quartz-sericite envelopes around the molybdenite-pyrite bearing veins. Within the quartz monzonite, strong phyllic and potassic alteration is developed as quartz sericite and k-feldspar envelopes around molybdenite-pyrite bearing veins. Argillic alteration of feldspar in the monzonite is well developed in areas of good molybdenite mineralization.

The best molybdenum grades occur in drill holes which are drilled in or near the quartz monzonite cupola. To date a total of 30 drill holes have tested molybdenite bearing stockwork. In nearly all of the holes molybdenite occurs continuously from the top to the bottom of the hole.



Eagle Plains Resources Ltd.
EPL:TSX-V
Sphinx Property
Figure 4 - Property Geology
Projection - NAD 83 UTM Zone 11N
Scale - 1: 10 000
31/12/2009
Geology Legend
DcS Siltstone: grey, medium to thick bedded, commonly sericitic, weakly biotitic; Phyllite sequences, thin to very thin bedded
MND Dolomite: white and dark, thinly bedded, thinly laminated, weathers buff
MNP Phyllites: black; Calcarious Argillite; Siltstone: grey; Locally pyrometasomatically altered to Skarn, Calc-Dilicates, Sericitic Phyllites: white, Sericitic Quartzite: white, glassy
MNQ Quartzite: white, grey, green, medium to thickly bedded, pyrometasomatically altered to Seritic Quartzite: white, glassy
QEM Quartz Eye Monzonite; strong phyllite, Argellite and Potassium Alteration, associated moly-pyrite mineralization
TbC Polymictic Conglomerate: quartzite, dolomite and argillite clasts in a variable quartzite to pelite to carbonate matrix
UKC Phyllite: dark grey, thin to very thin bedding; Dolomite: cream, thin to very thin bedding; Quartzite: white, thin bedding fine grained
GRAY CREEK IRON NORTH
GRAY CREEK IRON SOUTH
JODI
Gray Creek
Baker Creek
Legend
Mineral Showing
Fault Breccia
Felsite Dyke
Gabbro Sill
Greenstone
Transmission Line
Bedding
Cleavage
Vertical Bedding
Anticline
Overturned
Syncline
Assumed Fault
Observed Fault
Road
Trail
Swamp
Limit of Mapping
Contact
Outcrop
Cut Blocks
Cut Blocks
Property Boundary
Resource Outline
0 250 500 750 1,000
Meters
N
524000
525000
526000
5496000
5495000
5494000
5493000

5.0 2009 Work Program

Phase I of the exploration program involved an 18.7 km ground based IP survey designed to characterize known mineralization / alteration around the intrusive as well as to define targets which possibly represent deeply buried / offset mineralized intrusives or their alteration haloes. A total of 18.7 km of line cutting was completed over 18 days by Geotronix of Surey, BC; crews stayed at camp put up by Bootleg Exploration at Grey Creek. The ground IP survey was conducted by Scott Geophysics of Vancouver, BC from October 10th to 24th, 2009. A pole – dipole array was used for the survey with an "A" spacing of 100m and "N" separations of 1 to 12. Geophysical inversions were also completed by Scott Geophysics

Phase II of the exploration program involved two diamond drill holes on section 4700N, where strong Mo mineralization and Qtz + Ser + Py alteration occurs, but no intrusive body has been intersected by drilling. A total of 617m of NQ drilling was completed by FB Drilling of Cranbrook, BC, from November 5th to November 12th, 2009. Drill crews stayed in Cranbrook and drove to the site each day. Table 2 is a summary of hole orientations, both holes were drilled from the same pad. Core was shipped daily to Bootleg Exploration's core facility in Cranbrook BC where it was geoteched, logged and sampled. Core was split in half and sampled, all fine grained material was also sampled from the interval and half was put in the sample bag. Samples were shipped to Eco-Tec Laboratories in Kamloops, British Columbia for analysis. The samples were analyzed via AR / 28 element ICP-OES (code BICP-11); samples exceeding 300 ppm Mo were also assayed using an AAS finish (code BOGA-37)

A total of $227,071.00 was spent on the program under BC Mines Permit MX-5-557 (See Appendix II for details).

Table 2 – 2009 DDH Collar Locations

Hole Number	Length (m)	Azimuth (Deg)	Dip (Deg)	UTM NAD83 Zone 11N		Elevation (m)	Location Method	Hole Status	Finish Date	Core Size	Geologist
				Easting	Northing						
SX09027	429.15	270	-60	524872	5494706.7	1758	DGPS-COR	Complete	05/11/09	NQ	Bronwyn Wallace
SX09028	187.5	0	-90	542872	5494706.7	1758	DGPS-COR	Complete	10/11/09	NQ	Bronwyn Wallace

6.0 2009 Results

IP Survey

Results of the inversion modeling for the IP survey remain inconclusive. Comparison of the inverted chargeability / resistivity results in section with known mineralization / alteration suggests there is no correlation between the two.

A detailed description of each hole follows (refer to Appedix IV for logs).

SX09027

Diamond Drill hole SX09027 was drilled by FB Drilling Limited between November 5 and November 10, 2009. It was located on Pad G of section 4700N of the Sphinx complete map with UTM units of the collar being 524872E and 5494706.7N in zone 11N at an elevation of 1758 m. The hole ended at a depth of 429.15 m on a 270° azimuth and -60° dip using NQ size core rods. This hole was planned to test for a buried intrusive body south of the known QM quartz monzonite plug. The hole was logged by Bronwen Wallace.

Lithology: SX09027 collared into meta-siltstone (unit 2) at 3.05 m. The meta-siltstone unit is characterized by green-grey colour with black speckles of fresh biotite. This unit is fine-grained with weak compositional layering and continues to a depth of 6.98 m, reoccurring between 8.20-10.51 m and 45.20-46.92 m. From 6.98 m to 429.15 m (end of the hole) there are alternating intervals, on a 1 cm to 25 m scale, of sericitic meta-siltstone (unit 1) and sericitic quartzite (unit 4) which are intruded by a dark amphibolite unit (unit 20) and quartz monzonite dykes/sills (unit 21). The sericitic meta-siltstone is similar to the meta-siltstone but is characterized by yellow speckles of sericite which have replaced the black biotite. The compositional layering in the sericitic meta-siltstone becomes more distinct with depth. This compositional layering, which is thought to be So-1, sits at an average of 17° to core axis but is slightly variable with angles of 0° to 20° to core axis throughout the hole. The sericitic quarztite is mainly light grey in colour, massive, and has patches of mottled dark green-grey quartzite in places. The mottled dark green-grey rock commonly contains small amounts of calcite and disseminated pyrite. The 6 dark amphibolite dykes (unit 20) which intrude the meta-sediments range in width from 1.07 to 10.41 m and occur in the hole between 24.48 and 386.88 m. The amphibolite is dark green in colour with some lighter grey wispy speckles, fine to medium grained, equigranular, and often contains minor amounts of disseminated pyrite. The quartz monzonite (unit 21) dykes which intrude the meta-sediments occur between 204.38 and 331.74 m and range from 0.03 to 8.35 m in width. This unit is characterized by a light grey matrix, with light green/white feldspar, black biotite, and grey quartz porphyroblasts. These quartz monzonite dykes cut the meta-sediments at a wide range of angles, between 8° and 40° to core axis.

Alteration: The alteration in the unit 2 meta-siltstone is the normal regional metamorphism (code NR) which includes minor biotization, sericitization, and silicification. The unit 1 meta-siltstone has hydrothermal sericitization (code S) with sericite replacing biotite grains and alternating bands in the compositional layering. The alteration in the unit 4 quartzite is characterized by the SS code, which means that it is highly altered and in most places completely overprinted by silica and sericite alteration (little or no primary textures are preserved). The quartz monzonite intrusive dykes are variably altered from near fresh rock to intense potassic alteration (code SK). The potassic alteration assemblage includes replacement by fine to medium-grained silver-grey sericite, cream-pink coloured potassic overprinting, replacement of biotite grains with soft greenish clay minerals (chlorite?), and replacement of feldspar grains with white sericite-kaolinite phenocrysts.

Mineralization and Veining: Veining is present throughout the hole and is highly variable. The meta-sediments have between 1 to 12 mm size veins per meter and between 1 to 6 cm size veins per meter. The veins are all white to grey quartz with rare orthoclase and muscovite. The largest quartz vein is 125 cm of core length at 234.58 m. The veins occur in all orientations from 0° to 90° to core axis and there are numerous crosscutting relationships which are evidence of multiphase veining. The highest density veining occurs in the SS altered rock, where a 30 cm width of stockwork veining occurs at 245.65 m. Molybdenite comprises 0.1-50% (average 1%) of most veins and occurs as envelopes and vug fill. Strong Mo mineralization occurs from 234.58 to 279.81 m where there are 1-2 mm stringers of molybdenite through the meta-sediments and some cm blobs of molybdenite in the fault zone at 267.41 m. Mo mineralization decreases in veins to 0.1-5% towards the end of the hole. Pyrite is abundant in most veins and magnetite occurs in some veins and is always associated with pyrite.

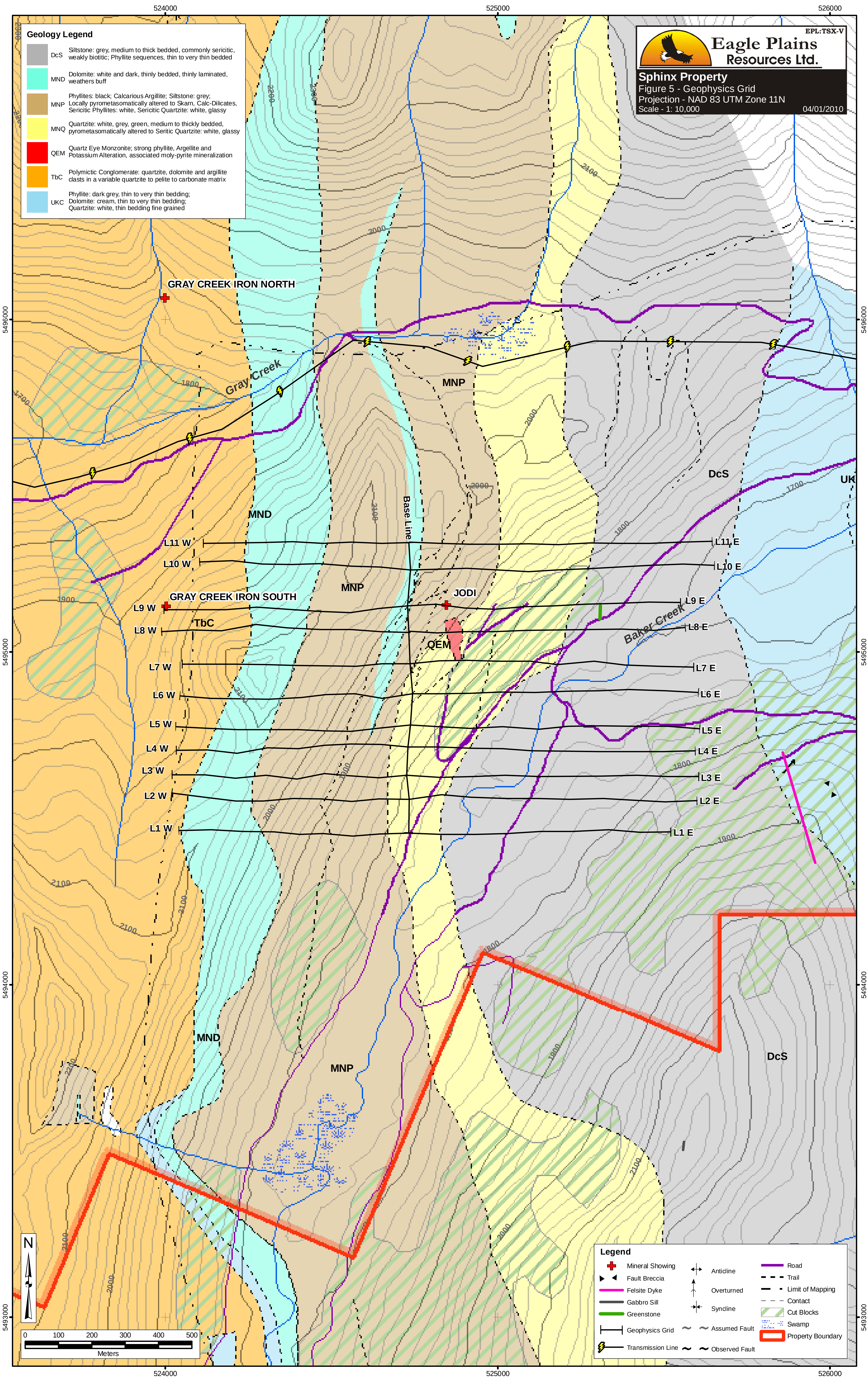
<u>SX09028</u>

Diamond Drill hole SX09028 was drilled by FB Drilling Limited between November 10 and November 12, 2009. It was located on Pad G of section 4700N of the Sphinx complete map with UTM units of the collar being 524872E and 5494706.7N in zone 11N at an elevation of 1758 m. The hole ended at a depth of 187.45 m on a 0° azimuth and -90° dip using NQ size core rods. This hole was planned to test the mineralization between holes SX05002 and SX05003. The hole was logged by Bronwen Wallace.

Lithology: SX09028 collared into meta-siltstone (unit 2) at 2.13 m. The meta-siltstone unit is characterized by green-grey colour with black speckles of fresh biotite. This unit is fine-grained with thin compositional layering, is commonly phyllitic, and has wispy black and grey bands. The entire hole is alternating intervals of the unit 2 meta-siltstone and sericitic meta-siltstone (unit 1). The sericitic meta-siltstone is similar to the meta-siltstone but is characterized by yellow speckles of sericite which have replaced the black biotite and a medium grey-green colour from sericite replacement of compositional layers. The compositional layering, which is thought to be So-1, varies from 5° to 40° to core axis and is somewhat convoluted in places.

Alteration: The alteration in the unit 2 meta-siltstone is the normal regional metamorphism (code NR) which includes minor biotization, sericitization, and silicification. The unit 1 meta-siltstone has hydrothermal sericitization (code S) with sericite replacing biotite grains and alternating bands in the compositional layering. There is some silicification from 182.27 m to end of hole.

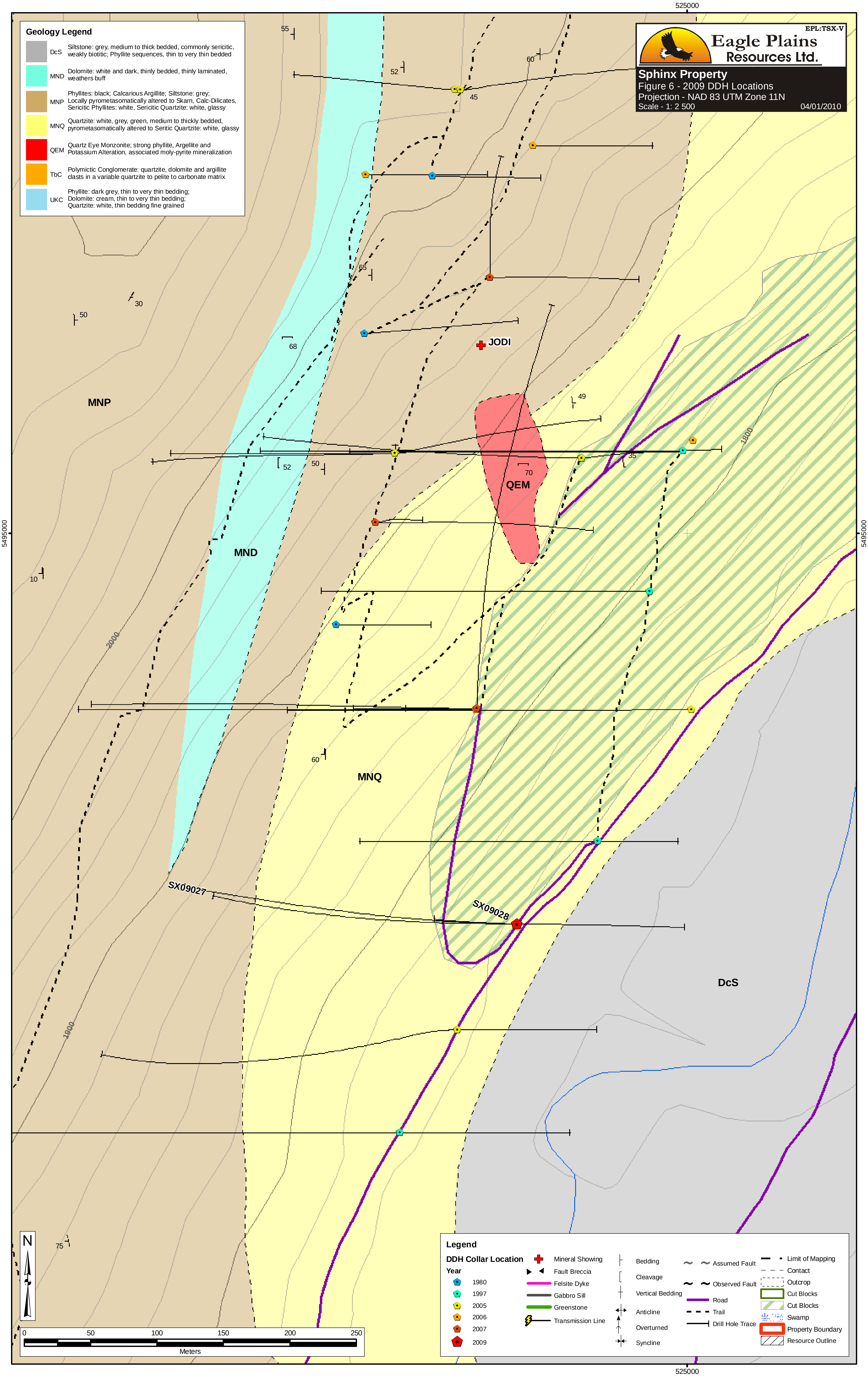
Mineralization and Veining: Veining in hole SX09028 ranges from 1 to 6 veins per meter with an average size of 5-10 mm. The veins are white to grey quartz and commonly occur in clusters of several veins within 10 cm followed by no veining over the next m. The veins occur in all orientations from 0° to 90° to core axis with a mode of 45° to core axis and there are numerous crosscutting relationships. Molybdenite comprises 0-5% (average 0.1%) of some veins and occurs as envelopes and vug fill. Pyrite is common in veins and magnetite occurs in some veins and is always associated with pyrite.



Eagle Plains Resources Ltd.
EPL:TSX-V
Sphinx Property
Figure 5 - Geophysics Grid
Projection - NAD 83 UTM Zone 11N
Scale - 1: 10,000
04/01/2010
Geology Legend
DcS Siltstone: grey, medium to thick bedded, commonly sericitic, weakly biotitic; Phyllite sequences, thin to very thin bedded
MND Dolomite: white and dark, thinly bedded, thinly laminated, weathers buff
MNP Phyllites: black; Calcarious Argillite; Siltstone: grey; Locally pyrometasomatically altered to Skarn, Calc-Dilicates, Sericitic Phyllites: white, Sericitic Quartzite: white, glassy
MNQ Quartzite: white, grey, green, medium to thickly bedded, pyrometasomatically altered to Seritic Quartzite: white, glassy
QEM Quartz Eye Monzonite; strong phyllite, Argellite and Potassium Alteration, associated moly-pyrite mineralization
TbC Polymictic Conglomerate: quartzite, dolomite and argillite clasts in a variable quartzite to pelite to carbonate matrix
UKC Phyllite: dark grey, thin to very thin bedding; Dolomite: cream, thin to very thin bedding; Quartzite: white, thin bedding fine grained
GRAY CREEK IRON NORTH
GRAY CREEK IRON SOUTH
JODI
Gray Creek
Baker Creek
Base Line
L11 W
L10 W
L9 W
L8 W
L7 W
L6 W
L5 W
L4 W
L3 W
L2 W
L1 W
L11 E
L10 E
L9 E
L8 E
L7 E
L6 E
L5 E
L4 E
L3 E
L2 E
L1 E
524000
525000
526000
5496000
5495000
5494000
5493000
N
0 100 200 300 400 500
Meters
Legend
Mineral Showing
Fault Breccia
Felsite Dyke
Gabbro Sill
Greenstone
Geophysics Grid
Transmission Line
Anticline
Overturned
Syncline
Assumed Fault
Observed Fault
Road
Trail
Limit of Mapping
Contact
Cut Blocks
Swamp
Property Boundary

Table 3 – 2009 DDH Significant Intercepts

DDH	From (m)	To (m)	Intersection
SX09027	11.05	19.05	8.00m @ 342.5 ppm Mo
	27.75	**81.05**	**53.30m @ 707.1 ppm Mo**
	138.8	152.2	13.40m @ 548.7 ppm Mo
	158.2	165.35	7.15m @ 1084.0 ppm Mo
Including	160.35	163.35	3.00m @ 2016.7 ppm Mo
	192.7	199.7	7.00m @ 738.6 ppm Mo
Including	192.7	197.7	5.00m @ 907.8 ppm Mo
	232.8	268.85	36.05m @ 397.6 ppm Mo
	273.85	347.1	73.25m @ 612.9 ppm Mo
Including	277.85	283.2	5.35m @ 2504.0 ppm Mo
Including	322.7	327.5	4.80m @ 1457.7 ppm Mo
	359.1	364.45	5.35m @ 381.6 ppm Mo
	374	379	5.00m @ 443.2 ppm Mo
SX09028	30.07	35.07	5.00m @ 846.o ppm Mo



525000
Geology Legend
DcS Siltstone: grey, medium to thick bedded, commonly sericitic, weakly biotitic; Phyllite sequences, thin to very thin bedded
MND Dolomite: white and dark, thinly bedded, thinly laminated, weathers buff
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EPL:TSX-V
Eagle Plains Resources Ltd.
Sphinx Property
Figure 6 - 2009 DDH Locations
Projection - NAD 83 UTM Zone 11N
Scale - 1: 2 500
04/01/2010
JODI
MNP
MND
QEM
MNQ
DcS
SX09027
SX09028
2000
1900
1800
5495000
Legend
DDH Collar Location
Year
1980
1997
2005
2006
2007
2009
Mineral Showing
Fault Breccia
Felsite Dyke
Gabbro Sill
Greenstone
Transmission Line
Bedding
Cleavage
Vertical Bedding
Anticline
Overturned
Syncline
Assumed Fault
Observed Fault
Road
Trail
Drill Hole Trace
Limit of Mapping
Contact
Outcrop
Cut Blocks
Cut Blocks
Swamp
Property Boundary
Resource Outline
N
0 50 100 150 200 250
Meters

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Sphinx Property
Figure 7 - Section 4700N

7.0 CONCLUSIONS

1) Mineralization is spatially associated with an altered Cretaceous (?) aged quartz monzonite intrusive that has hydrothermally altered Mt. Nelson pelitic sediments to brittle, sericitic quartz-rich rocks.
2) Mo mineralization, hosted in fractures and quartz-pyrite veins and stockwork, is defined by a 700m by 350m zone within the altered rocks and is open to the west and to depth; although the best grade is encountered along the contact zone of the intrusive.
3) Subsurface geometry of the intrusive appears to be tabular and steeply-dipping to the west and sub-parallel to the regional transposition fabric; the intrusive has a strike length of ~230m and a true thickness of 85m; it also appears to thicken at depth.
4) North and Southern extensions of the mineralized intrusive end abruptly between sections suggesting the possibility of post-mineralization faulting that may have offset the southern portion of the intrusive body.
5) Intense sericite and silica alteration of pelitic sediments associated with moderate to intense Mo mineralization extends at least 350m to the south of the known intrusive; this cannot easily be explained by present extents of the quartz monzonite body and is consistent with either a secondary or sibling mineralized intrusive at depth or post-mineral strike-slip fault movement of the quartz monzonite body to the south.
6) The 2009 drill program was unsuccessful in intersecting the suspected deeply buried / offset intrusive body to the south of the known intrusive but did intersect an approximately 30 m interval of variably altered quartz monzonite dykes associated with strong Mo mineralization (32.50m @ 0.05% Mo).
7) The 2009 drill program was also successful in intersecting some of the better mineralization to date including 53.30m @ 0.07% Mo including 7.15m @ 0.11% Mo.
8) Interpreted chargeability and resistivity derived from the IP pseudo sections is not consistent with the known geology / mineralization on the property. The survey was not useful in confidently delineating any deep targets that might represent significant alteration / mineralization zones.

8.0 RECOMMENDATIONS

Continued exploration should focus on defining new mineralized targets such as satellite or deeply buried mineralized intrusives and increasing the grade of the existing inferred and indicated resource. Future exploration efforts should also focus on grassroots exploration on the rest of the property. A two phase exploration program, with a significant pre-field component is recommended.

Phase 1 - Pre-Field

Significant advancements in the understanding of the property can be made prior to commencement of Phase I field work. This includes reanalysis of the 2004 airborne VTEM survey, Re-Os dating of Mo mineralization, PIMA characterization of the related alteration system and geochemical orientation utilizing a portable XRF analyzer.

Reanalysis of the 2004 VTEM survey is required as there is a much better understanding of the deposit and is an excellent first order tool for evaluating the presence of satellite intrusive bodies / structures that may host further molybdenum mineralization.

Reanalysis of core in the search for deeply buried secondary intrusive could include several techniques:

- Dating of the different phases of molybdenum mineralization using Re-Os analyses could shed light on the multi-episodic evolution of the mineralized system.
- Lithologic / geochemical studies should be focused on various phases of the intrusive and the related alteration system in order to develop an alteration index for vectoring exploration drillholes.
- The use of a hand held spectrometer, such as a PIMA, would characterize the geochemistry and crystallinity of phyllic and potassic alteration assemblages in the drill core and could prove valuable for targeting further intrusions at depth.
- Crystallinity is a function of temperature and can be used to determine proximity to a heat source.
- K / Al ratios of sericite and illite can be used to differentiate regional versus hydrothermal alteration.

Reanalysis of pulp material from the SX property via portable XRF analysis will allow property specific calibration of the unit and enable a significant reduction in sample submission to the lab for wet geochemical analysis.

Phase I - Groundwork

Phase I of the work program consists primarily of ground work on the property including detailed geologic mapping, a geochemical orientation survey over the known deposit, and recce soil geochemical surveys utilizing portable XRF technology.

Geologic mapping should examine a number of major structures that have been mapped on surface to the south of the deposit. These structures may be spatially associated with the southern termination of the quartz monzonite intrusive (syn- to post-intrusive?). As well, they are spatially associated with higher grade mineralization. Associated intense alteration south of these structures occurs in the absence of any major intrusive bodies, possibly representing the cupola of a down dropped deeply buried intrusive. Structural mapping with a focus on brittle – cataclastic kinematic indicators could shed light onto this theory and should be completed prior to any deep drilling.

A surface geochemical orientation should be completed over the known deposit in an attempt to maximize response ratios and efficiency of the program. Recce soil geochemical surveys should be utilized to evaluate mineral potential on the rest of the property such as the new ground staked to the south.

Phase II

Phase II of the exploration program, consisting of 1000m of drilling, should be focused on increasing the grade of the indicated and inferred resources to at least 0.05% Mo; infill drilling should be focused on the contact zone of the quartz monzonite intrusive where the best grades have been encountered.

To facilitate this, a number of north – south trending holes should be collared to:

- Gain increased knowledge of the intrusives geometry, especially at depth;
- Test the presence of a possible fault to the south between sections F and G;
- Test the dominant grain of mineralization in the meta-sedimentary host rocks.

Total cost of Phase I groundwork and reinterpretation, including prefield work, 14 days field work, airborne geophysical analysis, Re-Os dating and PIMA work is estimated to be $110,000. Phase II of the drill program is estimated to cost approximately $220,000. A detailed break down of cost estimates follows in Tables 4a and 4b.

Table 4a – 2010 Phase I Exploration Budget

Personnel:		No of persons	rate	days		
	Project Manager / Senior Geologist	1	$525	10		$5,250.00
	Project Geologists	1	$475	10		$4,750.00
	Geological Technicians	2	$375	14		$10,500.00
	Geological Technician with First Aid	1	$375	14		$5,250.00
			TOTAL PERSONNEL:			$25,750.00
Analytical:	Soils / Silts (Prep)		100	$3.00		$300.00
	Soils / Silts (30 Element ICP-MS)		100	$16.00		$1,600.00
	Rocks (Prep)		25	$6.00		$150.00
	Rocks (30 Element ICP-OES)		25	$12.00		$300.00
			TOTAL ANALYTICAL:			$2,350.00
Helicopter Support:	Type / Wet Rate (/hr) / Hrs					
	Long Ranger / $1,200.00 / 4					$4,800.00
Geophysical Interpretation:						$15,000.00
Re-Os Dating:						$10,000.00
PIMA Survey:						$5,000.00
Equipment Rental:						
Innov-X Omega Explore Portable XRF analyzer			$325.00		16	$5,200.00
trucks, ATVs						$3,000.00
communication including radios, satellite phone						$2,000.00
Pre-Field:						
Base Map preparation						$2,000.00
ongoing compilation of data into GIS database including structural analysis						$2,000.00
Meals/groceries:		persons	rate	days		
		6	$40.00	14		$3,360.00
Accommodation:	Field Personnel in Cranbrook					$3,000.00
Shipping:						$2,000.00
Fuel:						$2,000.00
Supplies: office and field						$2,500.00
Reclamation of exploration site as required:						$500.00
Filing fees:						$5,000.00
Report writing and reproduction:						$5,000.00
				Subtotal :		$100,460.00
				10% contingency:		$10,046.00
				TOTAL:		**$110,506.00**

Table 4b – 2010 Phase II Exploration Budget

		no. of		no. of	
Personnel:		persons	rate	days	
	Project Manager / Senior Geologist	1	$500	10	$5,000.00
	Project Geologists	1	$450	21	$9,450.00
	GIS Technician	1	$350	30	$10,500.00
	Geological Technician with First Aid	1	$450	14	$6,300.00
				TOTAL PERSONNEL:	$31,250.00
Analytical:	Core (Prep)		1,000	$7.00	$7,000.00
	Core (30 Element ICP-MS)		1,000	$12.00	$12,000.00
	Core (Mo Assay)		500	$10.00	$5,000.00
				TOTAL ANALYTICAL:	$24,000.00
Helicopter Support:	Type / Wet Rate (/hr) / Hrs				
	Long Ranger / $ 1,200.00 / 0				$0.00
Drilling:			Meters	Rate (/meter)	
Including Mob / DeMob			1000	$100.00	$100,000.00
Equipment Rental:					
trucks, ATVs					$6,000.00
communication including radios, satellite phone					$2,000.00
Pre-Field:					
Base Map preparation					$2,000.00
ongoing compilation of data into GIS database including structural analysis					$5,000.00
Meals/groceries:		persons	rate	days	
		8	$40.00	10	$3,200.00
Accommodation:	Field Personnel in Cranbrook				$5,000.00
Shipping:					$2,000.00
Fuel:					$5,000.00
Supplies: office and field					$2,500.00
Reclamation of exploration site as required:					$500.00
Filing fees:					$5,000.00
Report writing and reproduction:					$5,000.00
				Subtotal :	$198,450.00
				10% contingency:	$19,845.00
				TOTAL:	**$218,295.00**

8.0 References

Cooke, David L.(1983) : Geological, Geochemical Report Baker Mineral Claims; Cominco Ltd; MEMPR AR # 11604

Downie, C.C. And Pighin, D. (2005): 2005 Geological Report for the Sphinx Property, Eagle Plains Resources Ltd., MEMPR AR #27990; Link

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Kimura, E. (1997) : personnel communication to Barkhor Resources;

Wright, R.L (1978) : Geological, Geochemical Report Baker Mineral Claims; Cominco Ltd.; MEMPR AR # 7416

Wright, R.L (1980) : Diamond Drilling Report Baker Mineral Claims; Cominco Ltd. MEMPR AR # 8628

Wright, R.L (1984) : Reverse Circulation Drilling Report Baker Mineral Claims; Cominco Ltd. MEMPR AR # 12935

EMPR AR 1902-163

EMPR PF (*Article in The Nelson Miner, January 28, 1905; Report by J.T. Fyles, Oct.5, 1956 (in 082FNE094 file))

MEMPR Minfile # 082FNE004, 094, 095, 132,

Appendix I

Statements of Qualifications

CERTIFICATE OF QUALIFICATION

I, Christopher Shannon Gallagher, hereby certify that:

I am an employee of Bootleg Exploration Inc. residing at 616 Nelson St., Kimberley, B.C. with my office at Suite 200, 16-11th Ave South, Cranbrook, B.C., V1C 2P1 (Office Telephone: 250-426-0749)

I graduated from Carleton University, Ottawa, Ont., in 1997 with a Bachelors Degree in Science (B.Sc.), in the field of Geology, and received a further Degree of Master of Science (M.Sc.) in Structural Geology from the same University in 1999.

I have practiced my profession as a Geologist for the past 10 years since graduation, in the fields of Mining Exploration, Environmental Geology, and Geological Consulting. I have written a considerable number of Qualifying and Technical Reports for junior companies in the past 10 years.

I have worked both in Canada and Mexico. I have previously co-authored assessment reports for similar Mo porphyry deposits in Canada.

I was project manager for the 2005 and 2006 exploration programs on the Sphinx Property.

I have co-authored this technical report titled "2010 GEOLOGICAL REPORT FOR THE SPHINX PROPERTY" and dated February 05, 2010 relating to the 2009 technical program conducted by Eagle Plains Resources.

I have based this report partly on field observations while working on the property, as well as from a number of Assessment Reports written for Eagle Plains Resources Ltd. by various authors, and other materials obtained from my own files, from the literature and from the Internet.

I am not aware of any material fact or material change with respect to the subject matter of the Report, which is not reflected in the report, the omission of which would make the Report incomplete or misleading.

Dated at Cranbrook B.C. this 5th day of February, 2009

Christopher Shannon Gallagher, M.Sc.

Appendix II

Statements of Expenditures

2009 Sphinx Expenditures					
Exploration Work type	**Comment**	**Days**			**Totals**
Personnel / Position	**Field Days**	**Days**	**Rate**	**Subtotal**	
Hunter Corrigal, core splitter	Dec 1-3, 2009	1.50	325	$487.50	
Simon Farquharson, field technician (IP)	Oct 11-24, 2009	14.00	390	$5,460.00	
KC Fedun, core splitter	Dec 1-6, 2009	5.44	325	$1,768.00	
Wes Ketsch, core splitter	Nov 30, Dec 2-5, 2009	3.88	325	$1,261.00	
Jason Turner, field technician and core splitter (IP)	Oct 9-25, 2009, Nov 11-15	21.00	325	$6,825.00	
Vanya Schepkowski, field technician (IP)	Oct 11-24, 2009	14.00	390	$5,460.00	
Alan Roberts, core splitter	Dec 7-12, 2009	6.00	$325.00	$1,950.00	
Bronwen Wallace, Junior Geologist: Drill Management and Core logging	Nov 6-25, 2009	20.00	$475.00	$9,500.00	
Jim Ryley, Senior Geologist: Drill Management	Oct 30, Nov 5,6, 12, 2009	3.40	$600.00	$2,040.00	
Aaron Higgs, Senior Geologist: Drill Management	Nov 8, 9, 10, 12-14, 16-17, 2009	5.40	$601.00	$3,245.40	
Chris Gallagher, Chief Geotechnologist: Drill Management	Nov 7-8, 2009	2.00	$720.00	$1,440.00	
				$39,436.90	**$39,436.90**
Office Studies	**List Personnel**				
Project Management	Chuck Downie, VP Exploration, Eagle Plains Resources	1.30	$750.00	$975.00	
Porject Planning and Management	Jesse Campbell, General Manager, Bootleg Exploration	5.63	$600.00	$3,378.00	
Data management and report preparation	Glen Hendrickson, GIS technician	9.25	$475.00	$4,393.75	
Data entry and report preparation	Bronwen Wallace, Junior Geologist	4.00	$475.00	$1,900.00	
Project Planning, Management and report preparation	Chris Gallagher, Chief Geotechnologist	18.00	$720.00	$12,960.00	
Project Planning and Management	Jim Ryley, Senior Geologist	15.20	$600.00	$9,120.00	
Project Planning, Management and report preparation	Aaron Higgs, Senior Geologist	4.00	$525.00	$2,100.00	
				$34,826.75	**$34,826.75**
Contractors and Subcontractors					
Geotronics Consulting	Linecutting			$16,264.00	
Moose Mountain Technical Services	Resource Calculation			$1,045.00	
Legacy GIS Solutions	database management, GIS work, equipement management	2.08	475	$988.00	
				$18,297.00	**$18,297.00**
Ground geophysics	**Line Kilometres / Enter total amount invoiced list personnel**				
IP - Scott Geophysics				$41,043.82	
				$41,043.82	**$41,043.82**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Drill (cuttings, core, etc.)				$9,803.70	
				$9,803.70	**$9,803.70**
Drilling	**No. of Holes, Size of Core and Metres**	**No.**	**Rate**	**Subtotal**	
Diamond				$46,644.86	
Driling Supplies and maintenance				$134.91	
				$46,779.77	**$46,779.77**
Transportation		**No.**	**Rate**	**Subtotal**	
truck rental	IP: 9 days, DDH:11	20.00	$100.00	$2,000.00	
kilometers	IP: 1130, DDH: 1892	3022.00	$0.30	$906.60	
fuel				$1,051.50	
				$3,958.10	**$3,958.10**

Accommodation & Food	Rates per day				
Hotel				$3,144.00	
Meals				$301.52	
				$3,445.52	**$3,445.52**
Geological and Geochemical					
Map Plotting				$93.60	
Geological Supplies				$342.40	
Sampling Consumables	sample bags, tags, flagging, etc…			$242.18	
				$678.18	**$678.18**
Equipment Rentals			per day		
Field Gear (IP:17 days, 4 units)	pack with gear, GPS, palm, etc…	68.00	$35.00	$2,380.00	
Sat Phone		11.00	$15.00	$165.00	
Sat Phone Minutes				$25.28	
Hand Held Radios	IP: 17 days 4 units	68.00	$10.00	$680.00	
Core Splitter		20.00	$15.00	$300.00	
First Aid Transport Vehicle				$1,976.83	
Generators				$1,153.46	
Reflex Downhole Survey Tool		9.00	$80.00	$720.00	
Level III First Aid Kit		9.00	$5.00	$45.00	
Core Logging Shack		31.0	$75.00	$2,325.00	
				$9,770.57	**$9,770.57**
Freight					
Byers Transport	Samples to lab			$455.46	
				$455.46	**$455.46**
Bootleg Exploration Handling and Adminstration Fees on Disbursements					
				$18,575.23	**$18,575.23**
TOTAL Expenditures					**$227,071.00**

Appendix III

Geochemical Protocol

3.1 – Analytical Procedures

APPENDIX 3.1 - ANALYTICAL PROCEDURES

Analytical work was contracted in 2009 to Eco Tech Laboratories, 10051 Dallas Dr., Kamloops, BC. T Drill core was analyzed using BICP-11 for 28 element ICP, and BOGA-37 wet assay for Mo.

Sample Preparation

Samples (minimum sample size 250g) are cataloged and logged into the sample-tracking database. During the logging in process, samples are checked for spillage and general sample integrity. It is verified that samples match the sample shipment requisition provided by the clients. The samples are transferred into a drying oven and dried.

Rock and core samples are crushed on a Terminator jaw crusher to -10 mesh ensuring that 70% passes through a Tyler 10 mesh screen.

Every 35 samples a re-split is taken using a riffle splitter to be tested to ensure the homogeneity of the crushed material.

A 250 gram sub sample of the crushed material is pulverized on a ring mill pulverizer ensuring that 95% passes through a -150 mesh screen. The sub sample is rolled, homogenized and bagged in a pre-numbered bag.

A barren gravel blank is prepared before each job in the sample prep to be analyzed for trace contamination along with the processed samples.

28 Element ICP-AES Analysis (BICP-11)

A 0.5 gram sample is digested with 3ml of a 3:1:2 (HCl:HN03:H20) which contains beryllium which acts as an internal standard for 90 minutes in a water bath at 95°C. The sample is then diluted to 10ml with water. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

MOLYBDENUM ORE GRADE SINGLE ELEMENT ASSAY (BOGA-37)

2.0 g of Sample under-goes an oxidizing digestion in 200 ml phosphoric flasks with final solution in aqua regia. Appropriate standards and repeat/re-split samples (Quality Control Components) accompany the samples on the data sheet.The digested solutions are made to volume with RO water and allowed to settle. An aliquot of sample is analyzed on a Thermo IRIS Intrepid II XSP ICP unit. (Detection limit 0.001 %)

The instrument calibration is verified by the analysis of the certified reference material, which has undergone the same digestion as the samples. Results are collated and are printed along with accompanying quality control data (repeats, re-splits, and standards).

Appendix III

Geochemical Protocol

3.2 – Core Sampling Procedures

Appendix 3.2 – Sampling Techniques

All 2009 samples were collected by Bootleg Exploration Inc. employees. The sampling process is standardized and continually monitored for quality assurance and quality control. Only drill core samples were collected during this program.

Core Samples

Drill core samples were laid out by geologists in 1 m intervals where possible. Lithological and alteration breaks were inserted where necessary to ensure sample continuity. Sampling was only undertaken where mineralization was present. All core was transfered to a new box and the old box was swept to collect unconsolidated material for each interval. Drill core was split in half using a core splitter, one half being put in a labeled poly bag while the other got put back in the core box. The unconsolodated material was also split, half being put in the poly bag and half back in the core box. The samples were then put in a rice bag and sent away for geochemical analysis.

QAQC Procedures

Blanks were insterted into the sample chain every 50 samples and Cu – Mo standards were inserted every 35 samples.

Sample Handling and Shipping Procedure

Each shipping bag was kept under 25 kg. The list of samples was compared to the database and any discrepancies investigated. Once the list of samples to be shipped matched the database's records, the bags were sealed with a zip tie security seal. The bags were then sent by Greyhound Transport to Eco Tech Laboratories in Kamloops for geochemical analysis.

Appendix IV

DDH Strip Logs, Logs and Sampling

4.1 – DDH Logs

Appendix 4.1.1 - Alteration

Hole #	From (m)	To (m)	Alt Assemblage	Alt Type 1	Alt 1 Degree	Alt Type 2	Alt 2 Degree	Alt Type 3	Alt 3 Degree	Alteration Note
SX09027	3.05	6.98	NR							
SX09027	6.98	8.2	S							ser alteration following comp layering
SX09027	8.2	10.51	NR	SERICITE	2					
SX09027	10.51	11.86	S	SERICITE	4					
SX09027	11.86	14.93	SS	SILICA	4	SERICITE	3			
SX09027	14.93	24.48	S	SERICITE	4					
SX09027	24.48	25.82	AMP							
SX09027	25.82	30	S	SERICITE	4	SILICA	2			
SX09027	30	32.21	SS	SILICA	4	SERICITE	2	POTASSIC	2	
SX09027	32.21	45.2	S	SERICITE	4	SILICA	2			
SX09027	45.2	46.92	NR	SERICITE	2					
SX09027	46.92	63.48	S	SERICITE	5	POTASSIC	2			
SX09027	63.48	66.82	AMP							
SX09027	66.82	70.98	S	SERICITE	3					ser variable from mod replacement of bio to pervasive alt
SX09027	70.98	72.05	AMP							
SX09027	72.05	76.72	S	SERICITE	3					
SX09027	76.72	79.54	SS	SILICA	4					
SX09027	79.54	103.36	S	SERICITE	4	SILICA	1			ser variable from mod replacement of bio to pervasive alt
SX09027	103.36	121.48	SS	SILICA	5	POTASSIC	1			105.87m 65cm section of S alt, other cm scale sections of S throughout
SX09027	121.48	137.85	S	SERICITE	4	SILICA	1			
SX09027	137.85	151.21	SS	SILICA	4	POTASSIC	1			
SX09027	151.21	160.34	S	SERICITE	4					
SX09027	160.34	167.46	SS	SILICA	4	SERICITE	3	POTASSIC	1	ser alt speckles, rest of rock silicified
SX09027	167.46	185.7	S	SERICITE	3					
SX09027	185.7	202.84	SS	SILICA	5	POTASSIC	1			
SX09027	202.84	218.64	S	SERICITE	4	SILICA	2	POTASSIC	1	
SX09027	218.64	219.51	SS	SILICA	4	SERICITE	3			
SX09027	219.51	219.93	SK							
SX09027	219.93	223.21	SS	SILICA	5	SERICITE	3			
SX09027	223.21	225.88	SK							
SX09027	225.88	237.83	S	SILICA	3	SERICITE	4			areas of ser alt of speckles and comp layering, areas of intense silicification
SX09027	237.83	261.94	SS	SILICA	4	SERICITE	3	POTASSIC	1	
SX09027	261.94	279.81	S	SERICITE	5	SILICA	2	POTASSIC	1	
SX09027	279.81	282.18	AMP	SERICITE	1					
SX09027	282.18	299.09	S	SILICA	3	SERICITE	4			some fractures coated in clor, extensive alt of pyr to Fe oxides in some veins
SX09027	299.09	307.44	SK							
SX09027	307.44	317.36	S	SILICA	3	SERICITE	4	POTASSIC	1	

Hole #	From (m)	To (m)	Alt Assemblage	Alt Type 1	Alt 1 Degree	Alt Type 2	Alt 2 Degree	Alt Type 3	Alt 3 Degree	Alteration Note
SX09027	317.36	318.49	SK							
SX09027	318.49	320.29	SS	SILICA	5					
SX09027	320.29	323.9	SK							
SX09027	323.9	324.59	SS	SILICA	5					
SX09027	324.59	325.51	SK							
SX09027	325.51	330.49	S	SILICA	3	SERICITE	4			
SX09027	330.49	331.75	SK							
SX09027	331.75	337.15	S	SERICITE	5					
SX09027	337.15	348.1	SS	SILICA	5	POTASSIC	1			
SX09027	348.1	363.5	S	SERICITE	4	SILICA	1	POTASSIC	1	
SX09027	363.5	373.91	AMP							
SX09027	373.91	380.66	S	SERICITE	4	SILICA				
SX09027	380.66	386.88	AMP							
SX09027	386.88	415.79	S	SILICA	3	SERICITE	4			
SX09027	415.79	429.15	S	SERICITE	4					
SX09028	2.13	10.86	NR	SERICITE	2					
SX09028	10.86	17.13	S	SERICITE	4					ser alt replacing bio and comp layering
SX09028	17.13	20.81	NR	SERICITE	2					
SX09028	20.81	81.73	S	SERICITE	4					
SX09028	81.73	90.08	NR	SERICITE	2					
SX09028	90.08	101.69	S	SERICITE	4					
SX09028	101.69	129.5	NR	SERICITE	2	POTASSIC	1			some ser alt over 1m intervals
SX09028	129.5	187.45	S	SERICITE	3	SILICA	2			

Appendix 4.1.2 - Lithology

Hole #	From (m)	To (m)	Unit #	Major Rock Type	Minor Rock Type	Colour 1	Colour 2	Grainsize	Texture	Note
SX09027	0	3.05		Casing						
SX09027	3.05	6.98	2	Meta-siltstone		grey green	black	fine	compositional layering	bio speckles
SX09027	6.98	8.2	1	Meta-siltstone		grey green	yellow	fine	compositional layering	ser speckles
SX09027	8.2	10.51	2	Phy Siltstone		grey	black	fine-medium	wispy	bio speckles, wispy layers, contact @35 deg to CA (sharp contact)
SX09027	10.51	11.86	1	Meta-siltstone		grey green	yellow	fine	compositional layering	ser speckles
SX09027	11.86	14.93	4	Quartzite		grey	yellowish	fine-medium		
SX09027	14.93	24.48	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	24.48	25.82	20	Amphibolite		green	dark	medium	massive	lighter grey wispy speckles, sharp contact
SX09027	25.82	30	1	Meta-siltstone		grey green	yellow	fine	compositional layering	ser speckles, some darker grey patches
SX09027	30	32.21	4	Quartzite		grey	light	fine-medium	massive	
SX09027	32.21	45.2	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	45.2	46.92	2	Meta-siltstone		grey green	black	fine	compositional layering	bio speckles
SX09027	46.92	63.48	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	63.48	66.82	20	Amphibolite		green	dark	medium	massive	
SX09027	66.82	70.98	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	70.98	72.05	20	Amphibolite		green	dark	medium	massive	
SX09027	72.05	76.72	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	76.72	79.54	4	Quartzite		grey	light	fine-medium	massive	
SX09027	79.54	103.36	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	103.36	121.48	4	Quartzite		grey	light	fine-medium	massive	

Hole #	From (m)	To (m)	Unit #	Major Rock Type	Minor Rock Type	Colour 1	Colour 2	Grainsize	Texture	Note
SX09027	121.48	137.85	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	137.85	151.21	4	Quartzite		grey	grey green	fine-medium	massive	patches of green-grey mottled with diss pyr and some cal
SX09027	151.21	160.34	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	160.34	167.46	4	Quartzite		grey green	light	fine	patchy	1-8cm bands or patches of dark green/light grey rock
SX09027	167.46	185.7	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	185.7	202.84	4	Quartzite		grey green	light	fine	patchy	1-8cm bands or patches of dark green/light grey rock, after 191m massive light grey
SX09027	202.84	218.64	1	Meta-siltstone		grey green	yellow	fine	compositional layering	
SX09027	218.64	219.51	4	Quartzite		grey green	light	fine	patchy	
SX09027	219.51	219.93	21	Quartz Monzonite		grey	light	coarse	porphyritic	plag+qtz+bio where less alterered, k-spar+clor+hem+py+clay where more altered
SX09027	219.93	223.21	4	Quartzite		grey green	light	fine	patchy	
SX09027	223.21	225.88	21	Quartz Monzonite		grey	light	coarse	porphyritic	plag+qtz+bio where less alterered, k-spar+clor+hem+pyr+clay where more altered
SX09027	225.88	237.83	1+4	Quartzite	Meta-siltstone	grey green	yellow	fine		4-10cm alternating sections of meta-siltstone and qztite
SX09027	237.83	261.94	4	Quartzite		grey	light	fine	massive	
SX09027	261.94	279.81	1	Meta-siltstone		grey	mid	fine	compositional layering	
SX09027	279.81	282.18	20	Amphibolite		grey green	dark	fine	mottled	equigranular, no phenocrysts, bio
SX09027	282.18	299.09	1+4	Quartzite	Meta-siltstone	grey green	yellow	fine		
SX09027	299.09	307.44	21	Quartz Monzonite		grey	light	coarse	porphyritic	

Hole #	From (m)	To (m)	Unit #	Major Rock Type	Minor Rock Type	Colour 1	Colour 2	Grainsize	Texture	Note
SX09027	307.44	317.36	1+4	Quartzite	Meta-siltstone	grey green	yellow	fine		
SX09027	317.36	318.49	21	Quartz Monzonite		grey	light	coarse	porphyritic	
SX09027	318.49	320.29	4	Quartzite		grey	light	fine	massive	
SX09027	320.29	323.9	21	Quartz Monzonite		grey	light	coarse	porphyritic	
SX09027	323.9	324.59	4	Quartzite		grey	light	fine	massive	
SX09027	324.59	325.51	21	Quartz Monzonite		grey	light	coarse	porphyritic	
SX09027	325.51	330.49	1+4	Quartzite	Meta-siltstone	grey green	yellow	fine		
SX09027	330.49	331.75	21	Quartz Monzonite		grey	light	coarse	porphyritic	
SX09027	331.75	337.15	1	Meta-siltstone		grey	mid	fine	compositional layering	
SX09027	337.15	348.1	4	Quartzite		grey	light	fine	massive	
SX09027	348.1	363.5	1	Meta-siltstone		grey	mid	fine	compositional layering	
SX09027	363.5	373.91	20	Amphibolite		green	dark	medium	mottled	weathered in some places to vuggy, difuse contact
SX09027	373.91	380.66	1	Meta-siltstone		grey	mid	fine	compositional layering	
SX09027	380.66	386.88	20	Amphibolite		green	dark	medium	mottled	1.2m transitional base contact
SX09027	386.88	415.79	1+4	Quartzite	Meta-siltstone	grey	mid	fine		1-50cm cycles of siltstone and qtzite, some cm size areas of mottled grey-green
SX09027	415.79	429.15	1	Meta-siltstone		grey	yellow	fine	compositional layering	some black mottled patches, bio
SX09028	0	2.13		Casing						
SX09028	2.13	10.86	2	Phy Siltstone		grey	mid	fine	compositional layering	black bio speckles, thinly bedded
SX09028	10.86	17.13	1	Meta-siltstone		grey	mid	fine	compositional layering	yellow/white ser speckles and bands
SX09028	17.13	20.81	2	Phy Siltstone		grey	mid	fine	compositional layering	black wispy layers common
SX09028	20.81	81.73	1	Meta-siltstone		grey	mid	fine	compositional layering	some 5-30cm sections of darker, less ser altered siltstone

Hole #	From (m)	To (m)	Unit #	Major Rock Type	Minor Rock Type	Colour 1	Colour 2	Grainsize	Texture	Note
SX09028	81.73	90.08	2	Phy Siltstone		grey	mid	fine	compositional layering	
SX09028	90.08	101.69	1	Meta-siltstone		grey	mid	fine	compositional layering	3-10mm black banding in places
SX09028	101.69	129.5	2	Phy Siltstone		grey	dark	fine	banded	black speckles
SX09028	129.5	187.45	1	Meta-siltstone	Phy Siltstone	grey	mid	fine	compositional layering	cm black bands in places, 158.07 to 172.53m black speckles

Appendix 4.1.3 - Structure

Hole #	From (m)	To (m)	Structure Type	Structure Angle (to CA)
SX09027	3.05	6.98	compositional layering	17
SX09027	7.28	7.53	fault plane	
SX09027	19.35	19.4	fault plane	
SX09027	47.25	49.25	rubble zone	
SX09027	63.15	63.35	fault plane	
SX09027	101.79	101.89	fault plane	
SX09027	105.87	109.39	rubble zone	
SX09027	121.84	124.77	rubble zone	
SX09027	121.84	137.85	compositional layering	15
SX09027	138.07	138.12	rubble zone	
SX09027	139.6	141.3	rubble zone	
SX09027	151.21	160.34	compositional layering	17
SX09027	157.6	157.8	rubble zone	
SX09027	159.9	160.3	rubble zone	
SX09027	182.81	182.96	fault plane	
SX09027	194.61	194.71	fault plane	12
SX09027	207.81	210.99	fault plane	0
SX09027	215.82	216.12	fault plane	0
SX09027	219.41	219.51	fault plane	10
SX09027	219.51	219.93	dyke	30
SX09027	223.21	225.88	dyke	15
SX09027	225.68	225.88	fault plane	
SX09027	225.88	226.38	fault plane	0
SX09027	225.88	237.83	compositional layering	0
SX09027	239.14	239.29	fault plane	
SX09027	245.05	245.15	Dyke	
SX09027	249	249.65	Dyke	15
SX09027	254.12	254.24	Dyke	
SX09027	254.48	254.68	Dyke	30
SX09027	260.77	261.22	Dyke	20
SX09027	267.41	267.71	rubble zone	
SX09027	279.81	282.18	dyke	40
SX09027	295.25	295.55	fault plane	12
SX09027	299.09	307.44	dyke	8
SX09027	307.44	317.36	compositional layering	15
SX09027	317.36	318.49	dyke	12
SX09027	320.29	323.9	dyke	10
SX09027	324.59	325.51	dyke	10
SX09027	325.51	330.49	compositional layering	17
SX09027	330.49	331.75	dyke	25
SX09027	344.65	345.1	fault plane	
SX09027	345.95	346.4	fault plane	
SX09027	415.79	429.15	compositional layering	20
SX09028	16.88	17.13	fault plane	
SX09028	34.21	34.71	fault plane	
SX09028	55.62	55.68	fault plane	20
SX09028	65.6	65.85	shear zone	15
SX09028	73.3	73.65	shear zone	
SX09028	78.8	79.19	fault plane	
SX09028	81.73	90.08	compositional layering	15
SX09028	90.08	101.69	compositional layering	30
SX09028	97.89	97.99	fault plane	
SX09028	101.69	129.5	compositional layering	40
SX09028	129.5	187.45	compositional layering	40
SX09028	142.35	144.35	fault plane	13
SX09028	182	182.2	fault plane	13

Appendix 4.1.4 - Veining Intervals

Hole #	From (m)	To (m)	Vein width (cm)	Veins/m	Average Vein Angle	Colour	Grainsize	Vein Composition	Note
SX09027	3.05	6.98	0.3	6	35	white	medium-coarse	Quartz	2-10mm, 5-8vn/m
SX09027	6.98	8.2	0.3	3	45	white	medium-coarse	Quartz	
SX09027	8.2	10.51	0.7	7		white	medium-coarse	Quartz	5-10mm
SX09027	10.51	11.86	0.7	7		white	medium-coarse	Quartz	5-10mm
SX09027	11.86	14.93	0.1	5		white	medium-coarse	Quartz	1mm = 4-6vn/m, 1.5cm = 1vn/m
SX09027	14.93	24.48	0.1	6	30	white	medium-coarse	Quartz	1mm = 5-7vn/m, 3cm = 1vn/m
SX09027	24.48	25.82	0.2	11		white	medium-coarse	Quartz	1-3mm = 10-12vn/m
SX09027	25.82	30	0.5	5	35	white	medium-coarse	Quartz	3-10mm = 4-6vn/m, high angle veins cut low angle
SX09027	30	32.21	0.5	5	35	white	medium-coarse	Quartz	3-10mm = 4-6vn/m,many cross-cutting veins, multiphase
SX09027	32.21	45.2	1	2		white	medium-coarse	Quartz	mm = 2-5vn/m, cm = 1-3vn/m
SX09027	45.2	46.92	1	2		white	medium-coarse	Quartz	mm = 2-5vn/m, cm = 1-3vn/m
SX09027	46.92	56.4	0.4	4		white	medium-coarse	Quartz	3-5mm = 4-6vn/m
SX09027	56.4	63.48	0.4	11		white	medium-coarse	Quartz	3-5mm = 10-12vn/m, low angle cuts high angle, some 5-30cm vuggy qtz vns
SX09027	63.48	66.82	0.4	8		white	medium-coarse	Quartz	3-5mm = 5-10vn/m
SX09027	66.82	70.98	0.1	2		white	medium-coarse	Quartz	mm = 1-3vn/m
SX09027	70.98	72.05	0.1	3		white	medium-coarse	Quartz	mm = 3-4vn/m
SX09027	72.05	76.72	1	4		white	medium-coarse	Quartz	cm = 3-5vn/m, 0-40 deg to CA
SX09027	76.72	79.54	0.5	5	35	white	medium-coarse	Quartz	3-10mm = 5-6vn/m
SX09027	79.54	103.4	0.2	4	17	white	medium-coarse	Quartz	1-10mm = 3-5vn/m, many vns follow comp layering, low angle cuts high angle
SX09027	103.4	121.5	0.2	3		white	medium-coarse	Quartz	3-10mm = 1-5vn/m, low angle cuts high angle, vns range 0-90 deg to CA
SX09027	121.5	137.9	0.5	3	17	white	medium-coarse	Quartz	1-10mm = 1-4vn/m
SX09027	137.9	151.2	0.5	6	45	white	medium-coarse	Quartz	1-10mm = 5-7vn/m, 0-70 deg to CA
SX09027	151.2	160.3	0.1	5		white	medium-coarse	Quartz	mm = 2-6vn/m, cm = 1-2vn/m, 0-90 deg to CA
SX09027	160.3	167.5	1	4	0	white	medium-coarse	Quartz	1-20mm = 4-5vn/m, many 0 deg to CA, also set at 60 deg to CA, multiphase
SX09027	167.5	185.7	1	5	25	white	medium-coarse	Quartz	1-20mm = 4-6vn/m, most 25-70 deg to CA

Hole #	From (m)	To (m)	Vein width (cm)	Veins/ m	Average Vein Angle	Colour	Grainsize	Vein Composition	Note
SX09027	185.7	202.8	3	4	0	white	medium-coarse	Quartz	cm = 4-6vn/m, high angle cuts low angle stringers
SX09027	202.8	218.6	0.5	5		white	medium-coarse	Quartz	0.5-2cm = 3-7vn/m, high angle vns cuts low angle vns cuts low angle stringers, multiphase
SX09027	218.6	219.5	2	3		white	medium-coarse	Quartz	2-3cm = 3vn/m
SX09027	219.9	223.2	1	5	15	white	medium-coarse	Quartz	cm = 5-6vn/m, most 15 to 45 deg to CA, multiphase, high angle cuts low angle cuts stringers
SX09027	223.2	225.9	1	1	45	white	medium-coarse	Quartz	1-1.5cm = 1vn/m
SX09027	225.9	237.8	1	5		white	medium-coarse	Quartz	cm = 4-6vn/m, 10-90 deg to CA, vns crosscutting each other all over the place
SX09027	237.8	261.9	5	2		white	medium-coarse	Quartz	1-10mm = 10-20vn/m, 1-10cm = 1-3vn/m, multiphase, med angle cuts Mo stringers cuts large high angle vns
SX09027	261.9	279.8	0.5	3		white	coarse	Quartz	1-10mm = 2-4vn/m, 5-35cm = 1vn/m
SX09027	279.8	282.2	2	1		white	medium-coarse	Quartz	1-3cm = 1-2vn/m, veinlets of pyr, also 3 major fractures/m
SX09027	282.2	299.1	1	5		white	medium-coarse	Quartz	3cm+ = 1-2vn/m, 2-20mm = 3-8vn/m, low angle cuts high angle
SX09027	299.1	307.4	1	4		white	medium-coarse	Quartz	mm-5cm = 3-5vn/m
SX09027	307.4	317.4	0.5	5		white	medium-coarse	Quartz	1-10mm = 3-7vn/m
SX09027	317.4	318.5	1	4		white	medium-coarse	Quartz	mm-cm = 4vn/m, base contact is cut by high angle k-spar vn
SX09027	318.5	320.3	1	5		white	medium-coarse	Quartz	mm-cm = 5vn/m, most low angle
SX09027	320.3	323.9	1	1		white	medium-coarse	Quartz	cm = 1-2vn/m
SX09027	323.9	324.6	1.5	2		white	medium-coarse	Quartz	
SX09027	324.6	325.5	1	3		white	medium-coarse	Quartz	
SX09027	325.5	330.5	0.5	7	17	white	medium-coarse	Quartz	cm = 2vn/m, 1-5mm = 2-8vn/m, many vns follow comp layering
SX09027	330.5	331.8	0.3	9		white	medium-coarse	Quartz	1-20mm = 9vn/m
SX09027	331.8	337.2	1	3		white	medium-coarse	Quartz	cm = 2-4vn/m, veinlets/fractures = 3-6/m
SX09027	337.2	348.1	1	3		white	medium-coarse	Quartz	veining inconsistant, mm-cm = 1-8vn/m
SX09027	348.1	363.5	0.5	6	20	white	medium-coarse	Quartz	1-10mm = 3-10vn/m, most veins follow comp layering
SX09027	363.5	373.9	0.5	4		white	medium-coarse	Quartz	1-10cm qtz = 1vn/m, mm and pyr wisps = 1-6vn/m, mm qtz+pry = 1-6vn/m
SX09027	373.9	380.7	0.5	6		white	medium-coarse	Quartz	1-20mm = 5-10vn/m. low angle cuts high angle

Hole #	From (m)	To (m)	Vein width (cm)	Veins/m	Average Vein Angle	Colour	Grainsize	Vein Composition	Note
SX09027	380.7	386.9	1	3		white	medium-coarse	Quartz	cm = 3vn/m, many pyr vns/wisps/blobs
SX09027	386.9	415.8	0.5	5	40	white	medium-coarse	Quartz	1-5cm = 0.5-2vn/m, 1-10mm = 2-6vn/m, 0-90 deg to CA, low angle cuts high angle
SX09027	415.8	429.2	1	2		white	medium-coarse	Quartz	5-20mm = 2-6vn/m
SX09028	2.13	10.86	0.7	1		white	medium-coarse	Quartz	5-10mm = 1-2vn/m, 0-60 deg to CA
SX09028	10.86	17.13	1	2	45	white	medium-coarse	Quartz	5-40mm = 2-3vn/m, large vns avg 45 deg to CA, small vns avg 15-25 deg to CA, large high angle cuts low angle cuts small high angle
SX09028	17.13	20.81	0.7	2		white	medium-coarse	Quartz	5-10mm = 2-3vn/m
SX09028	20.81	81.73	0.5	4		white	medium-coarse	Quartz	1-20mm = 2-6vn/m, vns often in clusters, low angle cuts high angle most common
SX09028	81.73	90.08	0.7	1		white	medium-coarse	Quartz	5-10mm = 1-2vn/m, 30-45 deg to CA common
SX09028	90.08	101.7	1	2		white	medium-coarse	Quartz	5-20mm = 1-4vn/m, vns often in clusters 20cm over 1.5m, most 10-45 deg to CA, high angle cuts low angle
SX09028	101.7	129.5	2	1	25	white	medium-coarse	Quartz	mm = 3-6vn/m, 1-4cm = -.5-1vn/m, low angle cuts high angle
SX09028	129.5	187.5	1	1	30	white	medium-coarse	Quartz	1-8cm = 1-6vn/m avg 1, mm veinlets, range 0-70 deg to CA

Appendix 4.1.5 - Vein Points

Hole #	Depth (m)	Vein Width (cm)	Vein Angle to CA	Colour	Grainsize	Texture	Composition 1	Composition 2	Composition 3	Note
SX09027	13.05	20		white	medium-coarse		Quartz			
SX09027	31.24	10		white	medium-coarse		Quartz			
SX09027	38.85	8		white	medium-coarse		Quartz	K-spar	Garnet	
SX09027	39.26	4		white	medium-coarse		Quartz			
SX09027	50.1	30		white	medium-coarse		Quartz			
SX09027	65.85	12		white	medium-coarse		Quartz			
SX09027	66.82	8		white	medium-coarse		Quartz			
SX09027	76.06	12		white	medium-coarse		Quartz			
SX09027	94.5	3	90	white	medium-coarse		Quartz			set of vein unmineralized, but there is 2% dissem pyr in host rock
SX09027	151.87	4	13	white	medium-coarse	COMB	Quartz			
SX09027	204.38	3	40	grey	medium-coarse	equigranular	Plagioclase	Quartz	Biotite	intrusive dykelet
SX09027	218.95	2	40	grey	medium-coarse	equigranular	Plagioclase	Quartz	Biotite	intrusive dykelet
SX09027	228.58	18	30	white	medium-coarse		Quartz			
SX09027	234.58	125		white	medium-coarse		Quartz			hosts good Mo veins within
SX09027	245.65	30		white	medium-coarse	STOCKWORK	Quartz			
SX09027	292.65	60	12	white	medium-coarse	VUGGY	Quartz			
SX09027	309.2	4	10	grey	medium-coarse	equigranular	Plagioclase	Quartz	Biotite	intrusive dykelet
SX09027	313.43	7	15	white	medium-coarse		Quartz			follows comp layering
SX09027	314.58	10	90	grey	medium-coarse	equigranular	Plagioclase	Quartz	Biotite	intrusive dykelet

Hole #	Depth (m)	Vein Width (cm)	Vein Angle to CA	Colour	Grainsize	Texture	Composition 1	Composition 2	Composition 3	Note
SX09027	320.29	7		white	medium-coarse	VUGGY	Quartz			marks upper contact of intrusive dyke
SX09027	323.9	3		white	medium-coarse	VUGGY	Quartz			marks lower contact of intrusive dyke
SX09027	325.51	10		white	medium-coarse		Quartz			marks lower contact of intrusive dyke
SX09027	340.97	7	17	white	medium-coarse		Quartz			
SX09027	362.68	25	45	white	medium-coarse		Quartz			
SX09027	374.25	20		white	medium-coarse		Quartz			
SX09027	417.43	20	70		medium-coarse		Quartz			
SX09027	425.3	10		metallic	medium-coarse	SEMI-MASSIVE	Pyrite			
SX09027	426.11	10	5		medium-coarse		Quartz			

Appendix 4.1.6 - Mineralization

Hole #	From (m)	To (m)	Type	Min 1	Min 2	Min 3	Note
SX09027	3.05	6.98	VEINED	pyrite	moly		1-2% Mo in veins, (vugs, envelopes, matrix)
SX09027	6.98	8.2	VEINED	pyrite	moly		4% Mo in veins
SX09027	8.2	10.51	VEINED	pyrite	moly		locally 3% dissem pyr, veining has up to semi-massive pyr and minor Mo
SX09027	10.51	11.86	VEINED	pyrite	moly		locally 3% dissem pyr, veining has up to semi-massive pyr and minor Mo
SX09027	11.86	14.93	VEINED	pyrite	moly		Mo up to 2% vein envelopes
SX09027	14.93	24.48	VEINED	pyrite	moly		veins 2-5% Mo, envelopes, pyr common in small veins
SX09027	24.48	25.82	VEINED	pyrite	moly		veins 15-30% pyr, trace Mo
SX09027	25.82	30	VEINED	pyrite	moly		some Mo on vein margins (0.5%), 3-8% pyr, avg 5% in veins
SX09027	30	32.21	VEINED	pyrite	moly		2-10% avg 2% Mo on vein margins and in vugs, pyr avg 5% in veins
SX09027	32.21	45.2	VEINED	pyrite	moly		2-3% Mo on vein margins and in vugs, pyr in center of some veins
SX09027	45.2	46.92	VEINED	pyrite	moly		2-3% Mo on vein margins and in vugs, pyr in center of some veins
SX09027	46.92	63.48	VEINED	pyrite	moly		Mo common in veins, 1-30% avg 5%
SX09027	63.48	66.82	VEINED	pyrite	moly		1% Mo and 5% pyr in veins
SX09027	66.82	70.98	VEINED	pyrite	moly		1-5% Mo, pyr common 5-10% in veins, also some dissem pyr
SX09027	70.98	72.05	VEINED	pyrite	moly		10-50% pyr in veins, trace Mo
SX09027	72.05	76.72	VEINED	pyrite	moly		1-10% avg 5% Mo in veins, some mm Mo stringers
SX09027	76.72	79.54	VEINED	pyrite	moly		0-10% avg 2% Mo in veins, small amount of dissem pyr at 77.57m
SX09027	79.54	103.4	VEINED	pyrite	moly		Mo in stringers and on vein margins, 10-40% of veins, pyr 10% in veins and some cm blebs
SX09027	94.5	99.77	DISSEMINATED	pyrite			no min in veins, 2% dissem pyr in host
SX09027	103.36	121.5	VEINLETS	pyrite	moly		Mo mostly stringers, commonly 0 deg to CA, pyr in some stringers and 5% in veins
SX09027	121.48	137.9	VEINED	pyrite	moly		0-10% avg 3% Mo in veins, 10% pyr
SX09027	137.85	151.2	VEINLETS	pyrite	moly		Mo mostly in mm veinlets, 5-10% of veins, some dissem pyr at 150.88m
SX09027	151.21	160.3	VEINED	pyrite	moly		cm veins have minor Mo (0.5%) in vugs and along margins, mm veins have 10-30% Mo, 0-30% avg 5% pyr
SX09027	160.34	167.5	VEINED	pyrite	moly		5-10% Mo in veins and vug fill, pyr more in clumps 5-10%
SX09027	167.46	185.7	VEINED	pyrite	moly		1mm Mo bands along 30% of vein margins, scattered Mo in some, 5% pyr in clumps in veins
SX09027	185.7	202.8	VEINED	pyrite	moly	magnetite	cm clots of pyr in veins (5-15%), most Mo in 1-3mm veins (20-40%), larger veins often barren, some veins 5-10% mag with pyr
SX09027	202.84	218.6	VEINED	pyrite	moly	magnetite	Mo in 1/2 of veins (5-20%) with more in smaller veins, pyr 5-30% in most veins, some mag in larger veins with pyr, minor Mo and pyr in faults

Hole #	From (m)	To (m)	Type	Min 1	Min 2	Min 3	Note
SX09027	218.64	219.5	VEINED	pyrite			20% pyr in veins, not really any Mo - tiny bit on fractures in rubble
SX09027	219.51	219.9	DISSEMINATED	pyrite			1-5% pyr in altered areas
SX09027	219.93	223.2	VEINED	pyrite	moly	sphalerite	2-5% Mo in veins, mostly stringers, 5-10% pyr in veins, poss. 1 speck of sph
SX09027	223.21	225.9	VEINED	pyrite	moly		1-2% Mo on vein margins, pyr dissem in altered areas 2-3%
SX09027	225.88	234.6	VEINED	pyrite	moly		5-10% Mo in vuggy veins, 10-50% pyr in veins
SX09027	234.58	237.8	VEINLETS	moly	pyrite		Mo in 1-2mm veins 100%, pyr <1%
SX09027	237.83	261.9	VEINED	pyrite	moly		Mo in mm veins 50-100%, big veins 10-20% pyr with little Mo, pyr dissem in dark mottled areas 5-10%
SX09027	261.94	279.8	VEINED	pyrite	moly	magnetite	Mo 0-5% avg 2% in large veins, 5-10% in small, 1-10% pyr in large veins, trace mag with pyr, 5cm massive pyr at 277.18m
SX09027	267.31	267.6	SEMI-MASSIVE	moly			chunks of Mo in rubble (2% overall)
SX09027	279.81	282.2	VEINED	pyrite	moly		Mo on fracture surfaces up to 1mm, pyr in mm veinlets and 2-10% blebby and wispy in host, pyr also 10% in cm veins
SX09027	282.18	299.1	VEINED	pyrite	moly	chalcopyrite	Mo 1-25% avg 10% of veins as clots, blebs, stringers, pyr 5-15% in veins, beautiful cubic grains in vugs (3-9mm), mag 1% with pyr, also trace cpy with pyr
SX09027	299.09	307.4	VEINED	pyrite	moly		Mo 1-10% in veins, some 0.5mm Mo stringers 3-6/m, rare Mo with qtz in host, 2-5% pyr in veins and 1% dissem in host
SX09027	307.44	317.4	VEINED	pyrite	moly		Mo 1-10% in veins (1% in large to 10% in mm), pyr 2-10% in veins, 1-5% pyr dissem
SX09027	317.36	318.5	VEINED	pyrite	moly		M0 1-5% in veins, pyr 5-20% in veins
SX09027	318.49	320.3	VEINED	pyrite	moly		Mo in mm stringers 3/m, 5-10% pyr in cm veins
SX09027	320.29	323.9	VEINED	pyrite	moly		Mo in <mm stringers 4-5/m, 10-50% pyr in veins, vein at 323.90m has 3cm of 1% Mo
SX09027	323.9	324.6	VEINED	pyrite	moly	arsenopyrite	Mo 1%, pyr 50% in veins, pyr grains cubic up to 1cm in size, few crystals of rod shape, silver, brittle mineral aspy?
SX09027	324.59	325.5	VEINED	pyrite	moly		Mo 3% on vein margins, pyr 5-20% in veins
SX09027	325.51	330.5	VEINED	pyrite	moly		Mo 2-25% avg 2% in big veins, 2-5% in small, pyr 5-30% in veins, 1% dissem in places
SX09027	330.49	331.8	VEINED	pyrite	moly		Mo 1-10% avg 4% in veins, pyr 1-10% in veins and trace dissem
SX09027	331.75	337.2	VEINED	pyrite	moly	magnetite	Mo 1-10% in veins, pyr 5-20% in veins, mag 0.5% with pyr

Hole #	From (m)	To (m)	Type	Min 1	Min 2	Min 3	Note
SX09027	337.15	348.1	VEINED	pyrite	moly		Mo 0-5% in veinlets and vein margins, pyr 0-5% in veins
SX09027	348.1	363.5	VEINED	pyrite	moly		Mo 0-5% in veinlets and vein margins, pyr 0-25% avg 5% in veins
SX09027	363.5	373.9	VEINED	pyrite	moly	magnetite	Mo rare in vein margins 0-1%, pyr 1-10% dissem, blebs, wisps in host, semi-massive in veins, mag common 0-10% with pyr in semi-massive pyr veins
SX09027	373.91	380.7	VEINED	pyrite	moly	magnetite	Mo 0.1-3% in veins, clumps and wisps, pyr 5-20% in veins, mag 1-10% with pyr in 1/2 veins
SX09027	380.66	386.9	DISSEMINATED	pyrite	moly	magnetite	Mo rare in veins 0-0.5%, pyr 5-10% dissem, wisps, semi-massive, mag common 1-3% in veins and dissem with pyr
SX09027	386.88	415.8	VEINED	pyrite	moly	magnetite	Mo 0.1-5% in veins, locallized 10cm sections of concentrated Mo mm veins, but overall low, pyr 1-5% in most veins, mag 1% with pyr
SX09027	415.79	429.2	VEINED	pyrite	moly	magnetite	Mo 0-5% in veins on margins, pyr 5-20% within veins, mag rare with pyr
SX09028	2.13	10.86	VEINED	pyrite	moly	magnetite	Mo trace <0.1% in veins, pyr 10% in veins with 0.5% dissem in places, mag 1% with pyr
SX09028	10.86	17.13	VEINED	pyrite	moly		Mo 0.5-1% in veins, pyr common in veins and 0.5% dissem in places
SX09028	17.13	20.81	VEINED	pyrite	moly		Mo 0.1% in 1/2 veins, pyr 1-5% in 1/2 veins
SX09028	20.81	81.73	VEINED	pyrite	moly	magnetite	Mo 0.1-5% in 1/2 veins and good in fault at 34.21m, pyr 0.5-25% in veins, mag occassionally with pyr
SX09028	81.73	90.08	VEINED	pyrite	moly	magnetite	Mo 0.1-3% in 1/4 veins, pyr 0.5-15% in 1/2 veins, some mag with pyr
SX09028	90.08	101.7	VEINED	pyrite	moly	magnetite	Mo rare on vein margins <0.1%, pyr 1-20% avg 5% in veins, mag 0.1-5% with pyr
SX09028	101.69	129.5	VEINED	pyrite	moly	magnetite	Mo rare on vein margins and dissem <0.1%, pyr 1-20% avg 5% in veins, mag 0.1-5% with pyr
SX09028	129.5	187.5	VEINED	pyrite	moly	magnetite	Mo mm bands on rare vein margins, overall trace, pyr 0-10% avg 2% in veins, mag minor with pyr

Appendix IV

DDH Strip Logs, Logs and Sampling

4.2 – DDH Strip Logs

Hole Name :SX09027	Project Name: Sphinx	Project Code: Sphinx	Geologist :Aaron Higgs
Length(m) :429.15	Azimuth(Deg) :270	Dip(Deg) :-60	
Easting :524872	Northing :5494706.7	Elevation(m) :1758	

Rock Type	Notes	Alt Assemblage	Note
	?		
Meta-siltstone	bio speckles	NR	1-2% Mo in veins, (vugs, envelopes, matrix)
Meta-siltstone	ser speckles	S	4% Mo in veins
Phy Siltstone	bio speckles, wispy layers, contact @35 deg to CA (sharp contact)	NR	locally 3% dissem pyr, veining has up to semi-massive pyr and minor Mo
Meta-siltstone	ser speckles	S	locally 3% dissem pyr, veining has up to semi-massive pyr and minor Mo
Quartzite	?	SS	Mo up to 2% vein envelopes
Meta-siltstone	?	S	veins 2-5% Mo, envelopes, pyr common in small veins
Amphibolite	lighter grey wispy speckles, sharp contact	AMP	veins 15-30% pyr, trace Mo
Meta-siltstone	ser speckles, some darker grey patches	S	some Mo on vein margins (0.5%), 3-8% pyr, avg 5% in veins
Quartzite	?	SS	2-10% avg 2% Mo on vein margins and in vugs, pyr avg 5% in veins
Meta-siltstone	?	S	2-3% Mo on vein margins and in vugs, pyr in center of some veins
Meta-siltstone	bio speckles	NR	2-3% Mo on vein margins and in vugs, pyr in center of some veins
Meta-siltstone	?	S	Mo common in veins, 1-30% avg 5%
Amphibolite	?	AMP	1% Mo and 5% pyr in veins
Meta-siltstone	?	S	1-5% Mo, pyr common 5-10% in veins, also some dissem pyr
Amphibolite	?	AMP	10-50% pyr in veins, trace Mo
Meta-siltstone	?	S	1-10% avg 5% Mo in veins, some mm Mo stringers
Quartzite	?	SS	0-10% avg 2% Mo in veins, small amount of dissem pyr at 77.57m
Meta-siltstone	?	S	Mo in stringers and on vein margins, 10-40% of veins, pyr 10% in veins and some cm blebs no min in veins, 2% dissem pyr in host
Quartzite	?	SS	Mo mostly stringers, commonly 0 deg to CA, pyr in some stringers and 5% in veins
Meta-siltstone	?	S	0-10% avg 3% Mo in veins, 10% pyr
Quartzite	patches of green-grey mottled with diss pyr and some cal	SS	Mo mostly in mm veinlets, 5-10% of veins, some dissem pyr at 150.88m
Meta-siltstone	?	S	cm veins have minor Mo (0.5%) in vugs and along margins, mm veins have 10-30% Mo, 0-30% avg 5% pyr
Quartzite	1-8cm bands or patches of dark green/light grey rock	SS	5-10% Mo in veins and vug fill, pyr more in clumps 5-10%
Meta-siltstone	?	S	1mm Mo bands along 30% of vein margins, scattered Mo in some, 5% pyr in clumps in veins
Quartzite	1-8cm bands or patches of dark green/light grey rock, after 191m massive light grey	SS	cm clots of pyr in veins (5-15%), most Mo in 1-3mm veins (20-40%), larger veins often barren, some veins 5-10% mag with pyr
Meta-siltstone	?	S	Mo in 1/2 of veins (5-20%) with more in smaller veins, pyr 5-30% in most veins, some mag in larger veins with pyr, minor Mo and pyr in faults
Quartzite	?	SS	20% pyr in veins, not really any Mo - tiny bit on fractures in rubble
Quartzite	plag+qtz+bio where less alterered, k-spar+clor+hem+py+clay where more altered	SS	1-5% pyr in altered areas
Quartz Monzonite	?	SK	2-5% Mo in veins, mostly stringers, 5-10% pyr in veins, poss. 1 speck of sph
Quartzite	plag+qtz+bio where less alterered, k-spar+clor+hem+pyr+clay where more altered	S	1-2% Mo on vein margins, pyr dissem in altered areas 2-3%
	4-10cm alternating sections of meta-siltstone and qztite		5-10% Mo in vuggy veins, 10-50% pyr in veins Mo in 1-2mm veins 100%, pyr <1%
Quartzite	?	SS	Mo in mm veins 50-100%, big veins 10-20% pyr with little Mo, pyr dissem in dark mottled areas 5-10%
Meta-siltstone	?	S	Mo 0-5% avg 2% in large veins, 5-10% in small, 1-10% pyr in large veins, trace mag with pyr, 5cm massive pyr at 277.18m chunks of Mo in rubble (2% overall) Mo on fracture surfaces up to 1mm, pyr in mm veinlets and 2-10% blebby and wispy in host, pyr also 10% in cm veins
Amphibolite	equigranular, no phenocrysts, bio	AMP	
Quartzite	?	S	Mo 1-25% avg 10% of veins as clots, blebs, stringers, pyr 5-15% in veins, beautiful cubic grains in vugs (3-9mm), mag 1% with pyr, also trace cpy with pyr
Quartz Monzonite	?	SK	Mo 1-10% in veins, some 0.5mm Mo stringers 3-6/m, rare Mo with qtz in host, 2-5% pyr in veins and 1% dissem in host
Quartzite	?	S	Mo 1-10% in veins (1% in large to 10% in mm), pyr 2-10% in veins, 1-5% pyr dissem
Quartz Monzonite	?	SK	M0 1-5% in veins, pyr 5-20% in veins
Quartzite	?	SS	Mo in mm stringers 3/m, 5-10% pyr in cm veins
Quartz Monzonite	?	SK	Mo in <mm stringers 4-5/m, 10-50% pyr in veins, vein at 323.90m has 3cm of 1% Mo
Quartz Monzonite	?	SK	
Quartzite	?	S	Mo 1%, pyr 50% in veins, pyr grains cubic up to 1cm in size, few crystals of rod shape, silver, brittle mineral aspy?
Quartz Monzonite	?	SK	
Meta-siltstone	?	S	Mo 3% on vein margins, pyr 5-20% in veins
Quartzite	?	SS	Mo 2-25% avg 2% in big veins, 2-5% in small, pyr 5-30% in veins, 1% dissem in places Mo 1-10% avg 4% in veins, pyr 1-10% in veins and trace dissem Mo 1-10% in veins, pyr 5-20% in veins, mag 0.5% with pyr Mo 0-5% in veinlets and vein margins, pyr 0-5% in veins
Meta-siltstone	?	S	Mo 0-5% in veinlets and vein margins, pyr 0-25% avg 5% in veins
Amphibolite	weathered in some places to vuggy, difuse contact	AMP	Mo rare in vein margins 0-1%, pyr 1-10% dissem, blebs, wisps in host, semi-massive in veins, mag common 0-10% with pyr in semi-massive pyr veins
Meta-siltstone	?	S	Mo 0.1-3% in veins, clumps and wisps, pyr 5-20% in veins, mag 1-10% with pyr in 1/2 veins
Amphibolite	1.2m transitional base contact	AMP	Mo rare in veins 0-0.5%, pyr 5-10% dissem, wisps, semi-massive, mag common 1-3% in veins and dissem with pyr
Quartzite	1-50cm cycles of siltstone and qtzite, some cm size areas of mottled grey-green	S	Mo 0.1-5% in veins, locallized 10cm sections of concentrated Mo mm veins, but overall low, pyr 1-5% in most veins, mag 1% with pyr
Meta-siltstone	some black mottled patches, bio	S	Mo 0-5% in veins on margins, pyr 5-20% within veins, mag rare with pyr

Mo_ppm

Intersection	Including	Also Including
8.00m @ 342.5 ppm Mo		
53.30m @ 707.1 ppm Mo		
13.40m @ 548.7 ppm Mo		
7.15m @ 1084.0 ppm Mo	7 ppm Mo	
7.00m @ 738.6 ppm Mo	5.00m @ 907.8 ppm Mo	
36.05m @ 397.6 ppm Mo		
73.25m @ 612.9 ppm Mo	5.35m @ 2504.0 ppm Mo	
	4.80m @ 1457.7 ppm Mo	
5.35m @ 381.6 ppm Mo		
5.00m @ 443.2 ppm Mo		

Depth At	Elevation
50	1714.70
100	1671.40
150	1628.10
200	1584.79
250	1541.49
300	1498.19
350	1454.89
400	1411.59

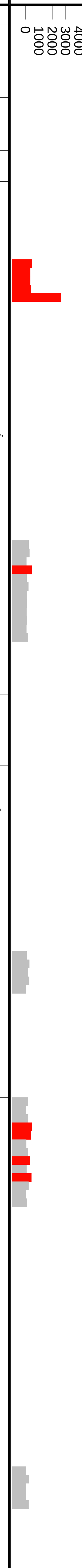
Scale 1:1205 | Date: 02/12/10 | Time: 10:32:45

Hole Name :SX09028	Project Name: Sphinx	Project Code: Sphinx	Geologist :Aaron Higgs
Length(m) :187.5	Azimuth(Deg) :0	Dip(Deg) :-90	
Easting :524872	Northing :5494706.7	Elevation(m) :1758	

Rock Type	Notes	Alt Assemblage	Note
Casing	?		
Phy Siltstone	black bio speckles, thinly bedded	NR	Mo trace <0.1% in veins, pyr 10% in veins with 0.5% dissem in places, mag 1% with pyr
Meta-siltstone	yellow/white ser speckles and bands	S	Mo 0.5-1% in veins, pyr common in veins and 0.5% dissem in places
Phy Siltstone	black wispy layers common	NR	Mo 0.1% in 1/2 veins, pyr 1-5% in 1/2 veins
Meta-siltstone	some 5-30cm sections of darker, less ser altered siltstone	S	Mo 0.1-5% in 1/2 veins and good in fault at 34.21m, pyr 0.5-25% in veins, mag occassionally with pyr
Phy Siltstone	?	NR	Mo 0.1-3% in 1/4 veins, pyr 0.5-15% in 1/2 veins, some mag with pyr
Meta-siltstone	3-10mm black banding in places	S	Mo rare on vein margins <0.1%, pyr 1-20% avg 5% in veins, mag 0.1-5% with pyr
Phy Siltstone	black speckles	NR	Mo rare on vein margins and dissem <0.1%, pyr 1-20% avg 5% in veins, mag 0.1-5% with pyr
Meta-siltstone	cm black bands in places, 158.07 to 172.53m black speckles	S	Mo mm bands on rare vein margins, overall trace, pyr 0-10% avg 2% in veins, mag minor with pyr

Depth At	Elevation
25	1733.00
50	1708.00
75	1683.00
100	1658.00
125	1633.00
150	1608.00
175	1583.00

Mo_ppm



Intersection	Including	Also Including
5.00m @ 846.o ppm Mo		

Scale 1:527	Date: 02/12/10	Time: 10:32:45

Legend - Global - Lithology	
	Albite
	Amphibolite
	Andesite
	Anhydrite
	Aplite
	Arg Dolomite
	Argillaceous Limestone
	Argillite
	Arkosic Grit
	Breccia
	Calc-silicate
	Casing
	Chert
	Clay
	Collar
	Dacite
	Diorite
	Dolomite
	Dolomitic Mudstone
	Dolomitic Sandstone
	Dolomitic Siltstone
	FeOx
	Felsic Intrusive
	Fragmental
	Gabbro
	Gneiss
	Granite
	Granodiorite
	Greenstone
	Greywacke

Legend - SX - AltAss	
	AMP
	CS
	NR
	S
	SK
	SS

Legend - SX - Mo Cutoff	
	Waste
	Ore

Legend - Global - Mineralization	
	?
	arsenopyrite
	azurite
	chalcopyrite
	galena
	gold
	hematite
	ilmenite
	magnetite
	malachite
	moly
	none
	pyrite
	pyrrhotite
	quartz
	scheelite
	sphalerite
	tetrahedrite
	wolframite

Legend - Global - Min Style	
	BLEBBY
	BRECCIATED
	DISSEMINATED
	FRACTURES
	MASSIVE
	NODULAR
	NONE
	SEMIMASSIVE
	STOCKWORK
	TRACE
	VEINED
	VEINLETS

Appendix IV

DDH Strip Logs, Logs and Sampling

4.3 – Core Samples

Appendix 4.3 - Diamond Drill Samples

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-001	3.05	4.05	1	SPLIT
SX09027	SX09027-002	4.05	5.05	1	SPLIT
SX09027	SX09027-003	5.05	6.05	1	SPLIT
SX09027	SX09027-004	6.05	7.05	1	SPLIT
SX09027	SX09027-005	7.05	8.05	1	SPLIT
SX09027	SX09027-006	8.05	9.05	1	SPLIT
SX09027	SX09027-007	9.05	10.05	1	SPLIT
SX09027	SX09027-008	10.05	11.05	1	SPLIT
SX09027	SX09027-009	11.05	12.05	1	SPLIT
SX09027	SX09027-010	12.05	13.05	1	SPLIT
SX09027	SX09027-011	13.05	14.05	1	SPLIT
SX09027	SX09027-012	14.05	15.05	1	SPLIT
SX09027	SX09027-013	15.05	16.05	1	SPLIT
SX09027	SX09027-014	16.05	17.05	1	SPLIT
SX09027	SX09027-015	17.05	18.05	1	SPLIT
SX09027	SX09027-016	18.05	19.05	1	SPLIT
SX09027	SX09027-017	19.05	20.05	1	SPLIT
SX09027	SX09027-018	20.05	21.05	1	SPLIT
SX09027	SX09027-019	21.05	22.05	1	SPLIT
SX09027	SX09027-020	22.05	23.05	1	SPLIT
SX09027	SX09027-021	23.05	24.45	1.4	SPLIT
SX09027	SX09027-022	24.45	25.75	1.3	SPLIT
SX09027	SX09027-023	25.75	26.75	1	SPLIT
SX09027	SX09027-024	26.75	27.75	1	SPLIT
SX09027	SX09027-025	27.75	28.75	1	SPLIT
SX09027	SX09027-026	28.75	29.75	1	SPLIT
SX09027	SX09027-027	29.75	30.75	1	SPLIT
SX09027	SX09027-028	30.75	32.2	1.45	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-029	32.2	33.2	1	SPLIT
SX09027	SX09027-030	33.2	34.2	1	SPLIT
SX09027	SX09027-031	34.2	35.2	1	SPLIT
SX09027	SX09027-032	35.2	36.2	1	SPLIT
SX09027	SX09027-033	36.2	37.2	1	SPLIT
SX09027	SX09027-034	37.2	39.2	2	SPLIT
SX09027	SX09027-035	39.2	40.2	1	SPLIT
SX09027	SX09027-036	40.2	41.2	1	SPLIT
SX09027	SX09027-037	41.2	42.2	1	SPLIT
SX09027	SX09027-038	42.2	43.2	1	SPLIT
SX09027	SX09027-039	43.2	44.2	1	SPLIT
SX09027	SX09027-040	44.2	45.2	1	SPLIT
SX09027	SX09027-041	45.2	46.2	1	SPLIT
SX09027	SX09027-042	46.2	47.2	1	SPLIT
SX09027	SX09027-043	47.2	48.2	1	SPLIT
SX09027	SX09027-044	48.2	49.2	1	SPLIT
SX09027	SX09027-045	49.2	50.2	1	SPLIT
SX09027	SX09027-046	50.2	51.2	1	SPLIT
SX09027	SX09027-047	51.2	52.2	1	SPLIT
SX09027	SX09027-048	52.2	53.2	1	SPLIT
SX09027	SX09027-049	53.2	54.2	1	SPLIT
SX09027	SX09027-050	54.2	55.2	1	SPLIT
SX09027	SX09027-051	55.2	56.2	1	SPLIT
SX09027	SX09027-052	56.2	57.2	1	SPLIT
SX09027	SX09027-053	57.2	58.2	1	SPLIT
SX09027	SX09027-054	58.2	59.2	1	SPLIT
SX09027	SX09027-055	59.2	60.2	1	SPLIT
SX09027	SX09027-056	60.2	61.2	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-057	61.2	62.2	1	SPLIT
SX09027	SX09027-058	62.2	63.5	1.3	SPLIT
SX09027	SX09027-059	63.5	64.5	1	SPLIT
SX09027	SX09027-060	64.5	65.5	1	SPLIT
SX09027	SX09027-061	65.5	66.75	1.25	SPLIT
SX09027	SX09027-062	66.75	67.75	1	SPLIT
SX09027	SX09027-063	67.75	68.75	1	SPLIT
SX09027	SX09027-064	68.75	69.75	1	SPLIT
SX09027	SX09027-065	69.75	70.95	1.2	SPLIT
SX09027	SX09027-066	70.95	72.05	1.1	SPLIT
SX09027	SX09027-067	72.05	73.05	1	SPLIT
SX09027	SX09027-068	73.05	74.05	1	SPLIT
SX09027	SX09027-069	74.05	75.05	1	SPLIT
SX09027	SX09027-070	75.05	76.05	1	SPLIT
SX09027	SX09027-071	76.05	77.05	1	SPLIT
SX09027	SX09027-072	77.05	78.05	1	SPLIT
SX09027	SX09027-073	78.05	79.05	1	SPLIT
SX09027	SX09027-074	79.05	80.05	1	SPLIT
SX09027	SX09027-075	80.05	81.05	1	SPLIT
SX09027	SX09027-076	81.05	82.05	1	SPLIT
SX09027	SX09027-077	82.05	83.05	1	SPLIT
SX09027	SX09027-078	83.05	84.05	1	SPLIT
SX09027	SX09027-079	84.05	85.05	1	SPLIT
SX09027	SX09027-080	85.05	86.05	1	SPLIT
SX09027	SX09027-081	86.05	87.05	1	SPLIT
SX09027	SX09027-082	87.05	88.05	1	SPLIT
SX09027	SX09027-083	88.05	89.05	1	SPLIT
SX09027	SX09027-084	89.05	90.05	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-085	90.05	91.05	1	SPLIT
SX09027	SX09027-086	91.05	92.05	1	SPLIT
SX09027	SX09027-087	92.05	93.05	1	SPLIT
SX09027	SX09027-088	93.05	94.05	1	SPLIT
SX09027	SX09027-089	94.05	95.05	1	SPLIT
SX09027	SX09027-090	95.05	96.05	1	SPLIT
SX09027	SX09027-091	96.05	97.05	1	SPLIT
SX09027	SX09027-092	97.05	98.05	1	SPLIT
SX09027	SX09027-093	98.05	99.05	1	SPLIT
SX09027	SX09027-094	99.05	100.05	1	SPLIT
SX09027	SX09027-095	100.05	101.05	1	SPLIT
SX09027	SX09027-096	101.05	102.05	1	SPLIT
SX09027	SX09027-097	102.05	103.05	1	SPLIT
SX09027	SX09027-098	103.05	104.05	1	SPLIT
SX09027	SX09027-099	104.05	105.05	1	SPLIT
SX09027	SX09027-100	105.05	106.05	1	SPLIT
SX09027	SX09027-101	106.05	107.05	1	SPLIT
SX09027	SX09027-102	107.05	108.05	1	SPLIT
SX09027	SX09027-103	108.05	109.05	1	SPLIT
SX09027	SX09027-104	109.05	110.05	1	SPLIT
SX09027	SX09027-105	110.05	111.05	1	SPLIT
SX09027	SX09027-106	111.05	112.05	1	SPLIT
SX09027	SX09027-107	112.05	113.05	1	SPLIT
SX09027	SX09027-108	113.05	114.05	1	SPLIT
SX09027	SX09027-109	114.05	115.05	1	SPLIT
SX09027	SX09027-110	115.05	116.05	1	SPLIT
SX09027	SX09027-111	116.05	117.05	1	SPLIT
SX09027	SX09027-112	117.05	118.05	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-113	118.05	119.05	1	SPLIT
SX09027	SX09027-114	119.05	120.05	1	SPLIT
SX09027	SX09027-115	120.05	121.5	1.45	SPLIT
SX09027	SX09027-116	121.5	122.5	1	SPLIT
SX09027	SX09027-117	122.5	123.5	1	SPLIT
SX09027	SX09027-118	123.5	124.5	1	SPLIT
SX09027	SX09027-119	124.5	125.5	1	SPLIT
SX09027	SX09027-120	125.5	126.5	1	SPLIT
SX09027	SX09027-121	126.5	127.5	1	SPLIT
SX09027	SX09027-122	127.5	128.5	1	SPLIT
SX09027	SX09027-123	128.5	129.5	1	SPLIT
SX09027	SX09027-124	129.5	130.5	1	SPLIT
SX09027	SX09027-125	130.5	131.5	1	SPLIT
SX09027	SX09027-126	131.5	132.5	1	SPLIT
SX09027	SX09027-127	132.5	133.5	1	SPLIT
SX09027	SX09027-128	133.5	134.5	1	SPLIT
SX09027	SX09027-129	134.5	135.5	1	SPLIT
SX09027	SX09027-130	135.5	136.5	1	SPLIT
SX09027	SX09027-131	136.5	137.8	1.3	SPLIT
SX09027	SX09027-132	137.8	138.8	1	SPLIT
SX09027	SX09027-133	138.8	139.8	1	SPLIT
SX09027	SX09027-134	139.8	140.8	1	SPLIT
SX09027	SX09027-135	140.8	141.8	1	SPLIT
SX09027	SX09027-136	141.8	143	1.2	SPLIT
SX09027	SX09027-137	143	144.55	1.55	SPLIT
SX09027	SX09027-138	144.55	145.55	1	SPLIT
SX09027	SX09027-139	145.55	146.55	1	SPLIT
SX09027	SX09027-140	146.55	147.55	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-141	147.55	148.55	1	SPLIT
SX09027	SX09027-142	148.55	149.55	1	SPLIT
SX09027	SX09027-143	149.55	151.2	1.65	SPLIT
SX09027	SX09027-144	151.2	152.2	1	SPLIT
SX09027	SX09027-145	152.2	153.2	1	SPLIT
SX09027	SX09027-146	153.2	154.2	1	SPLIT
SX09027	SX09027-147	154.2	155.2	1	SPLIT
SX09027	SX09027-148	155.2	156.2	1	SPLIT
SX09027	SX09027-149	156.2	157.2	1	SPLIT
SX09027	SX09027-150	157.2	158.2	1	SPLIT
SX09027	SX09027-151	158.2	159.2	1	SPLIT
SX09027	SX09027-152	159.2	160.35	1.15	SPLIT
SX09027	SX09027-153	160.35	161.35	1	SPLIT
SX09027	SX09027-154	161.35	162.35	1	SPLIT
SX09027	SX09027-155	162.35	163.35	1	SPLIT
SX09027	SX09027-156	163.35	164.35	1	SPLIT
SX09027	SX09027-157	164.35	165.35	1	SPLIT
SX09027	SX09027-158	165.35	166.35	1	SPLIT
SX09027	SX09027-159	166.35	167.45	1.1	SPLIT
SX09027	SX09027-160	167.45	168.45	1	SPLIT
SX09027	SX09027-161	168.45	169.45	1	SPLIT
SX09027	SX09027-162	169.45	170.45	1	SPLIT
SX09027	SX09027-163	170.45	171.45	1	SPLIT
SX09027	SX09027-164	171.45	172.45	1	SPLIT
SX09027	SX09027-165	172.45	173.45	1	SPLIT
SX09027	SX09027-166	173.45	174.45	1	SPLIT
SX09027	SX09027-167	174.45	175.45	1	SPLIT
SX09027	SX09027-168	175.45	176.45	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-169	176.45	177.45	1	SPLIT
SX09027	SX09027-170	177.45	178.45	1	SPLIT
SX09027	SX09027-171	178.45	179.45	1	SPLIT
SX09027	SX09027-172	179.45	180.45	1	SPLIT
SX09027	SX09027-173	180.45	181.45	1	SPLIT
SX09027	SX09027-174	181.45	182.45	1	SPLIT
SX09027	SX09027-175	182.45	183.45	1	SPLIT
SX09027	SX09027-176	183.45	184.45	1	SPLIT
SX09027	SX09027-177	184.45	185.7	1.25	SPLIT
SX09027	SX09027-178	185.7	186.7	1	SPLIT
SX09027	SX09027-179	186.7	187.7	1	SPLIT
SX09027	SX09027-180	187.7	188.7	1	SPLIT
SX09027	SX09027-181	188.7	189.7	1	SPLIT
SX09027	SX09027-182	189.7	190.7	1	SPLIT
SX09027	SX09027-183	190.7	191.7	1	SPLIT
SX09027	SX09027-184	191.7	192.7	1	SPLIT
SX09027	SX09027-185	192.7	193.7	1	SPLIT
SX09027	SX09027-186	193.7	194.7	1	SPLIT
SX09027	SX09027-187	194.7	195.7	1	SPLIT
SX09027	SX09027-188	195.7	196.7	1	SPLIT
SX09027	SX09027-189	196.7	197.7	1	SPLIT
SX09027	SX09027-190	197.7	198.7	1	SPLIT
SX09027	SX09027-191	198.7	199.7	1	SPLIT
SX09027	SX09027-192	199.7	200.7	1	SPLIT
SX09027	SX09027-193	200.7	201.7	1	SPLIT
SX09027	SX09027-194	201.7	202.84	1.14	SPLIT
SX09027	SX09027-195	202.84	203.84	1	SPLIT
SX09027	SX09027-196	203.84	204.84	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-197	204.84	205.84	1	SPLIT
SX09027	SX09027-198	205.84	206.84	1	SPLIT
SX09027	SX09027-199	206.84	207.79	0.95	SPLIT
SX09027	SX09027-200	207.79	208.79	1	SPLIT
SX09027	SX09027-201	208.79	209.79	1	SPLIT
SX09027	SX09027-202	209.79	211	1.21	SPLIT
SX09027	SX09027-203	211	212	1	SPLIT
SX09027	SX09027-204	212	213	1	SPLIT
SX09027	SX09027-205	213	214	1	SPLIT
SX09027	SX09027-206	214	215	1	SPLIT
SX09027	SX09027-207	215	216	1	SPLIT
SX09027	SX09027-208	216	217	1	SPLIT
SX09027	SX09027-209	217	218	1	SPLIT
SX09027	SX09027-210	218	218.65	0.65	SPLIT
SX09027	SX09027-211	218.65	219.6	0.95	SPLIT
SX09027	SX09027-212	219.6	220	0.4	SPLIT
SX09027	SX09027-213	220	221	1	SPLIT
SX09027	SX09027-214	221	222	1	SPLIT
SX09027	SX09027-215	222	223.15	1.15	SPLIT
SX09027	SX09027-216	223.15	224.15	1	SPLIT
SX09027	SX09027-217	224.15	225.15	1	SPLIT
SX09027	SX09027-218	225.15	225.8	0.65	SPLIT
SX09027	SX09027-219	225.8	226.8	1	SPLIT
SX09027	SX09027-220	226.8	227.8	1	SPLIT
SX09027	SX09027-221	227.8	228.8	1	SPLIT
SX09027	SX09027-222	228.8	229.8	1	SPLIT
SX09027	SX09027-223	229.8	230.8	1	SPLIT
SX09027	SX09027-224	230.8	231.8	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-225	231.8	232.8	1	SPLIT
SX09027	SX09027-226	232.8	233.8	1	SPLIT
SX09027	SX09027-227	233.8	234.8	1	SPLIT
SX09027	SX09027-228	234.8	235.8	1	SPLIT
SX09027	SX09027-229	235.8	236.8	1	SPLIT
SX09027	SX09027-230	236.8	237.8	1	SPLIT
SX09027	SX09027-231	237.8	238.8	1	SPLIT
SX09027	SX09027-232	238.8	239.8	1	SPLIT
SX09027	SX09027-233	239.8	240.8	1	SPLIT
SX09027	SX09027-234	240.8	241.8	1	SPLIT
SX09027	SX09027-235	241.8	242.8	1	SPLIT
SX09027	SX09027-236	242.8	243.8	1	SPLIT
SX09027	SX09027-237	243.8	244.8	1	SPLIT
SX09027	SX09027-238	244.8	245.8	1	SPLIT
SX09027	SX09027-239	245.8	246.8	1	SPLIT
SX09027	SX09027-240	246.8	247.8	1	SPLIT
SX09027	SX09027-241	247.8	248.8	1	SPLIT
SX09027	SX09027-242	248.8	249.8	1	SPLIT
SX09027	SX09027-243	249.8	250.8	1	SPLIT
SX09027	SX09027-244	250.8	251.8	1	SPLIT
SX09027	SX09027-245	251.8	252.8	1	SPLIT
SX09027	SX09027-246	252.8	253.8	1	SPLIT
SX09027	SX09027-247	253.8	254.8	1	SPLIT
SX09027	SX09027-248	254.8	255.8	1	SPLIT
SX09027	SX09027-249	255.8	256.8	1	SPLIT
SX09027	SX09027-250	256.8	257.8	1	SPLIT
SX09027	SX09027-251	257.8	258.8	1	SPLIT
SX09027	SX09027-252	258.8	259.8	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-253	259.8	260.8	1	SPLIT
SX09027	SX09027-254	260.8	261.85	1.05	SPLIT
SX09027	SX09027-255	261.85	262.85	1	SPLIT
SX09027	SX09027-256	262.85	263.85	1	SPLIT
SX09027	SX09027-257	263.85	264.85	1	SPLIT
SX09027	SX09027-258	264.85	265.85	1	SPLIT
SX09027	SX09027-259	265.85	266.85	1	SPLIT
SX09027	SX09027-260	266.85	267.85	1	SPLIT
SX09027	SX09027-261	267.85	268.85	1	SPLIT
SX09027	SX09027-262	268.85	269.85	1	SPLIT
SX09027	SX09027-263	269.85	270.85	1	SPLIT
SX09027	SX09027-264	270.85	271.85	1	SPLIT
SX09027	SX09027-265	271.85	272.85	1	SPLIT
SX09027	SX09027-266	272.85	273.85	1	SPLIT
SX09027	SX09027-267	273.85	274.85	1	SPLIT
SX09027	SX09027-268	274.85	275.85	1	SPLIT
SX09027	SX09027-269	275.85	276.85	1	SPLIT
SX09027	SX09027-270	276.85	277.85	1	SPLIT
SX09027	SX09027-271	277.85	278.85	1	SPLIT
SX09027	SX09027-272	278.85	279.8	0.95	SPLIT
SX09027	SX09027-273	279.8	281	1.2	SPLIT
SX09027	SX09027-274	281	282.2	1.2	SPLIT
SX09027	SX09027-275	282.2	283.2	1	SPLIT
SX09027	SX09027-276	283.2	284.2	1	SPLIT
SX09027	SX09027-277	284.2	285.2	1	SPLIT
SX09027	SX09027-278	285.2	286.2	1	SPLIT
SX09027	SX09027-279	286.2	287.2	1	SPLIT
SX09027	SX09027-280	287.2	288.2	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-281	288.2	289.2	1	SPLIT
SX09027	SX09027-282	289.2	290.2	1	SPLIT
SX09027	SX09027-283	290.2	291.2	1	SPLIT
SX09027	SX09027-284	291.2	292.2	1	SPLIT
SX09027	SX09027-285	292.2	293.2	1	SPLIT
SX09027	SX09027-286	293.2	294.2	1	SPLIT
SX09027	SX09027-287	294.2	295.2	1	SPLIT
SX09027	SX09027-288	295.2	296.2	1	SPLIT
SX09027	SX09027-289	296.2	297.2	1	SPLIT
SX09027	SX09027-290	297.2	298.2	1	SPLIT
SX09027	SX09027-291	298.2	299.1	0.9	SPLIT
SX09027	SX09027-292	299.1	300.1	1	SPLIT
SX09027	SX09027-293	300.1	301.1	1	SPLIT
SX09027	SX09027-294	301.1	302.1	1	SPLIT
SX09027	SX09027-295	302.1	303.1	1	SPLIT
SX09027	SX09027-296	303.1	304.1	1	SPLIT
SX09027	SX09027-297	304.1	305.1	1	SPLIT
SX09027	SX09027-298	305.1	306.1	1	SPLIT
SX09027	SX09027-299	306.1	307.4	1.3	SPLIT
SX09027	SX09027-300	307.4	308.4	1	SPLIT
SX09027	SX09027-301	308.4	309.4	1	SPLIT
SX09027	SX09027-302	309.4	310.4	1	SPLIT
SX09027	SX09027-303	310.4	311.4	1	SPLIT
SX09027	SX09027-304	311.4	312.4	1	SPLIT
SX09027	SX09027-305	312.4	313.4	1	SPLIT
SX09027	SX09027-306	313.4	314.4	1	SPLIT
SX09027	SX09027-307	314.4	315.4	1	SPLIT
SX09027	SX09027-308	315.4	316.4	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-309	316.4	317.37	0.97	SPLIT
SX09027	SX09027-310	317.37	318.5	1.13	SPLIT
SX09027	SX09027-311	318.5	319.4	0.9	SPLIT
SX09027	SX09027-312	319.4	320.3	0.9	SPLIT
SX09027	SX09027-313	320.3	321.5	1.2	SPLIT
SX09027	SX09027-314	321.5	322.7	1.2	SPLIT
SX09027	SX09027-315	322.7	323.9	1.2	SPLIT
SX09027	SX09027-316	323.9	324.5	0.6	SPLIT
SX09027	SX09027-317	324.5	325.5	1	SPLIT
SX09027	SX09027-318	325.5	326.5	1	SPLIT
SX09027	SX09027-319	326.5	327.5	1	SPLIT
SX09027	SX09027-320	327.5	328.5	1	SPLIT
SX09027	SX09027-321	328.5	329.5	1	SPLIT
SX09027	SX09027-322	329.5	330.35	0.85	SPLIT
SX09027	SX09027-323	330.35	331.6	1.25	SPLIT
SX09027	SX09027-324	331.6	332.6	1	SPLIT
SX09027	SX09027-325	332.6	333.6	1	SPLIT
SX09027	SX09027-326	333.6	334.6	1	SPLIT
SX09027	SX09027-327	334.6	335.6	1	SPLIT
SX09027	SX09027-328	335.6	336.9	1.3	SPLIT
SX09027	SX09027-329	336.9	337.9	1	SPLIT
SX09027	SX09027-330	337.9	338.9	1	SPLIT
SX09027	SX09027-331	338.9	339.9	1	SPLIT
SX09027	SX09027-332	339.9	340.9	1	SPLIT
SX09027	SX09027-333	340.9	341.9	1	SPLIT
SX09027	SX09027-334	341.9	342.9	1	SPLIT
SX09027	SX09027-335	342.9	343.9	1	SPLIT
SX09027	SX09027-336	343.9	344.9	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-337	344.9	345.9	1	SPLIT
SX09027	SX09027-338	345.9	347.1	1.2	SPLIT
SX09027	SX09027-339	347.1	348.1	1	SPLIT
SX09027	SX09027-340	348.1	349.1	1	SPLIT
SX09027	SX09027-341	349.1	350.1	1	SPLIT
SX09027	SX09027-342	350.1	351.1	1	SPLIT
SX09027	SX09027-343	351.1	352.1	1	SPLIT
SX09027	SX09027-344	352.1	353.1	1	SPLIT
SX09027	SX09027-345	353.1	354.1	1	SPLIT
SX09027	SX09027-346	354.1	355.1	1	SPLIT
SX09027	SX09027-347	355.1	356.1	1	SPLIT
SX09027	SX09027-348	356.1	357.1	1	SPLIT
SX09027	SX09027-349	357.1	358.1	1	SPLIT
SX09027	SX09027-350	358.1	359.1	1	SPLIT
SX09027	SX09027-351	359.1	360.1	1	SPLIT
SX09027	SX09027-352	360.1	361.1	1	SPLIT
SX09027	SX09027-353	361.1	362.1	1	SPLIT
SX09027	SX09027-354	362.1	363.45	1.35	SPLIT
SX09027	SX09027-355	363.45	364.45	1	SPLIT
SX09027	SX09027-356	364.45	365.45	1	SPLIT
SX09027	SX09027-357	365.45	366.45	1	SPLIT
SX09027	SX09027-358	366.45	367.45	1	SPLIT
SX09027	SX09027-359	367.45	368.45	1	SPLIT
SX09027	SX09027-360	368.45	369.45	1	SPLIT
SX09027	SX09027-361	369.45	370.45	1	SPLIT
SX09027	SX09027-362	370.45	371.45	1	SPLIT
SX09027	SX09027-363	371.45	372.45	1	SPLIT
SX09027	SX09027-364	372.45	374	1.55	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-365	374	375	1	SPLIT
SX09027	SX09027-366	375	376	1	SPLIT
SX09027	SX09027-367	376	377	1	SPLIT
SX09027	SX09027-368	377	378	1	SPLIT
SX09027	SX09027-369	378	379	1	SPLIT
SX09027	SX09027-370	379	380.66	1.66	SPLIT
SX09027	SX09027-371	380.66	381.66	1	SPLIT
SX09027	SX09027-372	381.66	382.66	1	SPLIT
SX09027	SX09027-373	382.66	383.66	1	SPLIT
SX09027	SX09027-374	383.66	384.66	1	SPLIT
SX09027	SX09027-375	384.66	385.66	1	SPLIT
SX09027	SX09027-376	385.66	386.66	1	SPLIT
SX09027	SX09027-377	386.66	387.66	1	SPLIT
SX09027	SX09027-378	387.66	388.66	1	SPLIT
SX09027	SX09027-379	388.66	389.66	1	SPLIT
SX09027	SX09027-380	389.66	390.66	1	SPLIT
SX09027	SX09027-381	390.66	391.66	1	SPLIT
SX09027	SX09027-382	391.66	392.66	1	SPLIT
SX09027	SX09027-383	392.66	393.66	1	SPLIT
SX09027	SX09027-384	393.66	394.66	1	SPLIT
SX09027	SX09027-385	394.66	395.66	1	SPLIT
SX09027	SX09027-386	395.66	396.66	1	SPLIT
SX09027	SX09027-387	396.66	397.66	1	SPLIT
SX09027	SX09027-388	397.66	398.66	1	SPLIT
SX09027	SX09027-389	398.66	399.66	1	SPLIT
SX09027	SX09027-390	399.66	400.66	1	SPLIT
SX09027	SX09027-391	400.66	401.66	1	SPLIT
SX09027	SX09027-392	401.66	402.66	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09027	SX09027-393	402.66	403.66	1	SPLIT
SX09027	SX09027-394	403.66	404.66	1	SPLIT
SX09027	SX09027-395	404.66	405.66	1	SPLIT
SX09027	SX09027-396	405.66	406.66	1	SPLIT
SX09027	SX09027-397	406.66	407.66	1	SPLIT
SX09027	SX09027-398	407.66	408.66	1	SPLIT
SX09027	SX09027-399	408.66	409.66	1	SPLIT
SX09027	SX09027-400	409.66	410.66	1	SPLIT
SX09027	SX09027-401	410.66	411.66	1	SPLIT
SX09027	SX09027-402	411.66	412.66	1	SPLIT
SX09027	SX09027-403	412.66	413.66	1	SPLIT
SX09027	SX09027-404	413.66	414.66	1	SPLIT
SX09027	SX09027-405	414.66	415.66	1	SPLIT
SX09027	SX09027-406	415.66	416.66	1	SPLIT
SX09027	SX09027-407	416.66	417.66	1	SPLIT
SX09027	SX09027-408	417.66	418.66	1	SPLIT
SX09027	SX09027-409	418.66	419.66	1	SPLIT
SX09027	SX09027-410	419.66	420.66	1	SPLIT
SX09027	SX09027-411	420.66	421.66	1	SPLIT
SX09027	SX09027-412	421.66	422.66	1	SPLIT
SX09027	SX09027-413	422.66	423.66	1	SPLIT
SX09027	SX09027-414	423.66	424.66	1	SPLIT
SX09027	SX09027-415	424.66	425.66	1	SPLIT
SX09027	SX09027-416	425.66	426.66	1	SPLIT
SX09027	SX09027-417	426.66	427.66	1	SPLIT
SX09027	SX09027-418	427.66	429.17	1.51	SPLIT
SX09028	SX09028-001	30.07	31.07	1	SPLIT
SX09028	SX09028-002	31.07	32.07	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09028	SX09028-003	32.07	33.07	1	SPLIT
SX09028	SX09028-004	33.07	34.07	1	SPLIT
SX09028	SX09028-005	34.07	35.07	1	SPLIT
SX09028	SX09028-006	63.4	64.4	1	SPLIT
SX09028	SX09028-007	64.4	65.4	1	SPLIT
SX09028	SX09028-008	65.4	66.4	1	SPLIT
SX09028	SX09028-009	66.4	67.4	1	SPLIT
SX09028	SX09028-010	67.4	68.4	1	SPLIT
SX09028	SX09028-011	68.4	69.4	1	SPLIT
SX09028	SX09028-012	69.4	70.4	1	SPLIT
SX09028	SX09028-013	70.4	71.4	1	SPLIT
SX09028	SX09028-014	71.4	72.4	1	SPLIT
SX09028	SX09028-015	72.4	73.4	1	SPLIT
SX09028	SX09028-016	73.4	74.4	1	SPLIT
SX09028	SX09028-017	74.4	75.4	1	SPLIT
SX09028	SX09028-018	129.5	130.5	1	SPLIT
SX09028	SX09028-019	130.5	131.5	1	SPLIT
SX09028	SX09028-020	131.5	132.5	1	SPLIT
SX09028	SX09028-021	132.5	133.5	1	SPLIT
SX09028	SX09028-022	133.5	134.5	1	SPLIT
SX09028	SX09028-023	134.5	135.5	1	SPLIT
SX09028	SX09028-024	135.5	136.5	1	SPLIT
SX09028	SX09028-025	136.5	137.5	1	SPLIT
SX09028	SX09028-026	137.5	138.5	1	SPLIT
SX09028	SX09028-027	138.5	139.5	1	SPLIT
SX09028	SX09028-028	139.5	140.5	1	SPLIT
SX09028	SX09028-029	140.5	141.5	1	SPLIT
SX09028	SX09028-030	141.5	142.5	1	SPLIT

Hole #	Sample #	From (m)	To (m)	Length (m)	Sample Method
SX09028	SX09028-031	173.3	174.3	1	SPLIT
SX09028	SX09028-032	174.3	175.3	1	SPLIT
SX09028	SX09028-033	175.3	176.3	1	SPLIT
SX09028	SX09028-034	176.3	177.3	1	SPLIT
SX09028	SX09028-035	177.3	178.3	1	SPLIT
SX09028	SX09028-036	112.17	113.17	1	SPLIT
SX09028	SX09028-037	113.17	114.17	1	SPLIT
SX09028	SX09028-038	114.17	115.17	1	SPLIT
SX09028	SX09028-039	115.17	116.17	1	SPLIT
SX09028	SX09028-040	116.17	117.17	1	SPLIT

Appendix V

Analytical Certificates

5.1 – AR / ICP-OES Analysis

23-Dec-09

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2009-0869

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 42
Sample Type: Rock
Shipment #: SX09-003
Submitted by: B. Wallace

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	SX09028-001	<0.2	0.34	<5	55	<5	0.75	<1	7	53	26	1.78	<10	0.35	224	473	0.02	6	150	4	<5	<20	27	<0.01	<10	5	<10	3	21
2	SX09028-002	<0.2	0.33	<5	65	<5	0.28	<1	11	43	17	1.56	<10	0.25	137	359	0.02	8	160	<2	<5	<20	9	<0.01	<10	4	<10	3	21
3	SX09028-003	<0.2	0.54	<5	70	<5	0.20	<1	6	72	8	1.37	<10	0.25	130	360	0.02	8	160	<2	<5	<20	7	0.02	<10	7	<10	3	38
4	SX09028-004	<0.2	0.55	<5	80	<5	0.22	<1	7	54	11	1.31	<10	0.30	169	409	0.02	6	160	4	<5	<20	6	0.02	<10	7	<10	3	39
5	SX09028-005	<0.2	0.33	<5	80	<5	0.07	<1	4	91	13	0.90	<10	0.07	38	2604	0.01	6	110	14	<5	<20	6	<0.01	<10	5	<10	2	45
6	SX09028-006	<0.2	0.17	<5	35	<5	0.27	<1	3	93	9	0.82	<10	0.12	99	232	0.02	3	40	<2	<5	<20	9	<0.01	<10	2	<10	1	5
7	SX09028-007	<0.2	0.36	<5	75	<5	0.57	<1	4	80	7	0.99	10	0.31	272	294	0.01	5	50	<2	<5	<20	14	<0.01	<10	4	<10	3	20
8	SX09028-008	<0.2	0.24	<5	50	<5	0.14	<1	4	70	5	0.61	10	0.10	64	63	0.02	4	40	<2	<5	<20	7	<0.01	<10	3	<10	2	5
9	SX09028-009	<0.2	0.23	<5	50	<5	0.39	<1	6	100	13	0.88	<10	0.19	113	488	0.02	4	40	<2	<5	<20	11	<0.01	<10	3	<10	2	7
10	SX09028-010	<0.2	0.28	<5	50	<5	0.27	<1	6	52	13	1.14	<10	0.17	108	78	0.02	3	50	<2	<5	<20	8	<0.01	<10	3	<10	2	8
11	SX09028-011	<0.2	0.31	<5	60	<5	0.28	<1	4	72	13	0.98	<10	0.20	138	215	0.02	4	40	<2	<5	<20	8	<0.01	<10	4	<10	2	10
12	SX09028-012	<0.2	0.25	<5	55	<5	0.14	<1	3	63	4	0.71	10	0.14	98	107	0.02	4	40	<2	<5	<20	6	<0.01	<10	2	<10	2	8
13	SX09028-013	<0.2	0.25	<5	55	<5	0.13	<1	5	69	6	0.90	<10	0.12	72	85	0.02	4	40	<2	<5	<20	6	<0.01	<10	2	<10	2	8
14	SX09028-014	<0.2	0.27	<5	65	5	0.10	<1	7	46	12	1.20	<10	0.10	80	74	0.02	4	30	6	<5	<20	6	<0.01	<10	3	<10	2	6
15	SX09028-015	<0.2	0.31	<5	135	<5	0.04	<1	3	57	4	0.65	10	0.08	77	110	0.01	3	40	<2	<5	<20	6	<0.01	<10	2	<10	1	107
16	SX09028-016	<0.2	0.24	<5	60	10	0.31	<1	6	58	12	1.08	<10	0.15	111	67	0.01	5	40	8	<5	<20	13	<0.01	<10	2	<10	2	71
17	SX09028-017	<0.2	0.34	<5	75	<5	0.49	<1	5	52	7	1.20	<10	0.28	212	158	0.02	5	100	<2	<5	<20	20	<0.01	<10	4	<10	3	42
18	SX09028-018	<0.2	0.29	<5	50	<5	0.19	<1	9	37	15	1.82	<10	0.19	95	163	0.02	9	130	<2	<5	<20	10	<0.01	<10	4	<10	2	12
19	SX09028-019	<0.2	0.40	<5	50	<5	0.42	<1	10	49	9	1.53	<10	0.27	140	27	0.02	9	140	<2	<5	<20	13	0.01	<10	5	<10	2	14
20	SX09028-020	<0.2	0.36	<5	50	<5	0.25	<1	10	41	19	1.53	<10	0.17	73	189	0.02	9	80	<2	<5	<20	92	0.01	<10	5	<10	2	8
21	SX09028-021	<0.2	0.39	<5	55	<5	0.31	<1	8	56	16	1.84	<10	0.18	68	459	0.02	11	150	<2	<5	<20	52	0.02	<10	8	<10	2	9
22	SX09028-022	<0.2	0.28	<5	50	<5	0.19	<1	8	37	20	2.18	<10	0.17	79	402	0.02	7	210	<2	<5	<20	41	<0.01	<10	6	<10	2	11
23	SX09028-023	<0.2	0.30	<5	60	<5	0.21	<1	8	40	6	1.91	<10	0.23	113	46	0.02	9	160	<2	<5	<20	80	<0.01	<10	5	<10	2	16
24	SX09028-024	<0.2	0.25	<5	40	<5	0.63	1	6	41	4	2.23	<10	0.18	299	180	0.02	7	130	6	<5	<20	19	<0.01	<10	3	<10	2	87
25	SX09028-025	<0.2	0.29	<5	80	15	0.27	<1	6	62	10	1.46	10	0.20	120	334	0.03	6	110	10	<5	<20	17	<0.01	<10	5	<10	2	13

ECO TECH LABORATORY LTD. | ICP CERTIFICATE OF ANALYSIS AK 2009-0869 | BOOTLEG EXPLORATION INC.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	SX09028-026	<0.2	0.33	<5	60	<5	0.21	<1	7	44	12	1.29	10	0.21	91	72	0.03	7	100	<2	<5	<20	12	<0.01	<10	6	<10	2	10
27	SX09028-027	<0.2	0.37	<5	65	<5	0.47	<1	6	82	14	1.12	<10	0.15	103	458	0.02	6	100	<2	<5	<20	21	<0.01	<10	5	<10	2	26
28	SX09028-028	<0.2	0.37	<5	65	<5	0.45	<1	7	48	7	1.28	10	0.15	108	230	0.02	6	70	<2	<5	<20	16	<0.01	<10	5	<10	2	10
29	SX09028-029	<0.2	0.31	<5	55	<5	0.22	1	6	60	3	1.66	<10	0.17	108	20	0.02	7	110	<2	<5	<20	11	<0.01	<10	5	<10	2	137
30	SX09028-030	<0.2	0.29	<5	35	<5	0.45	<1	9	45	16	2.72	<10	0.14	100	111	0.02	11	180	<2	<5	<20	11	<0.01	<10	4	<10	2	10
31	SX09028-030S	8.8	0.30	5	135	<5	0.77	<1	1	104	4223	0.89	<10	0.08	237	813	0.03	3	330	<2	20	<20	230	<0.01	<10	10	<10	2	31
32	SX09028-031	<0.2	0.34	<5	55	<5	0.27	<1	7	59	10	1.49	<10	0.19	124	37	0.03	6	110	<2	<5	<20	9	<0.01	<10	5	<10	2	11
33	SX09028-032	<0.2	0.33	<5	55	<5	0.91	<1	6	55	6	1.63	<10	0.22	197	240	0.02	6	100	<2	<5	<20	20	<0.01	<10	4	<10	2	15
34	SX09028-033	<0.2	0.45	<5	55	<5	0.17	<1	6	45	3	1.35	10	0.18	65	9	0.03	9	160	<2	<5	<20	6	0.02	<10	8	<10	2	10
35	SX09028-034	<0.2	0.38	<5	50	<5	0.15	<1	6	44	2	1.34	10	0.20	76	39	0.03	7	90	<2	<5	<20	6	0.02	<10	7	<10	2	9
36	SX09028-035	<0.2	0.30	<5	40	<5	0.33	<1	17	55	39	2.75	<10	0.17	95	229	0.02	9	110	<2	<5	<20	13	<0.01	<10	5	<10	2	11
37	SX09028-035B	<0.2	0.69	<5	205	<5	0.17	<1	4	10	<1	1.45	<10	0.23	328	<1	0.16	3	210	8	<5	<20	16	0.08	<10	21	<10	9	21
38	SX09028-036	<0.2	0.44	<5	60	<5	0.23	<1	7	46	29	1.76	10	0.24	122	85	0.02	9	150	<2	<5	<20	11	<0.01	<10	8	<10	2	18
39	SX09028-037	<0.2	0.35	<5	50	20	0.31	<1	7	42	20	1.84	<10	0.20	113	285	0.02	8	140	10	<5	<20	12	<0.01	<10	4	<10	2	31
40	SX09028-038	<0.2	0.44	<5	55	<5	0.20	<1	11	50	27	1.58	<10	0.22	97	166	0.02	10	90	<2	<5	<20	26	0.02	<10	6	<10	2	10
41	SX09028-039	<0.2	0.52	<5	60	<5	0.10	<1	8	37	10	1.53	<10	0.23	80	264	0.02	11	80	<2	<5	<20	20	0.03	<10	7	<10	2	13
42	SX09028-040	<0.2	0.52	<5	60	<5	0.15	<1	6	38	5	1.45	<10	0.25	114	24	0.02	10	100	<2	<5	<20	8	0.03	<10	7	<10	2	14
QC DATA:																													
Repeat:																													
1	SX09028-001	<0.2	0.35	<5	55	<5	0.79	<1	8	56	23	1.87	<10	0.36	234	476	0.02	6	160	2	<5	<20	28	<0.01	<10	5	<10	3	21
10	SX09028-010	<0.2	0.28	<5	45	<5	0.27	<1	6	51	13	1.15	<10	0.17	108	78	0.02	3	50	<2	<5	<20	8	<0.01	<10	4	<10	2	8
19	SX09028-019	<0.2	0.39	<5	50	<5	0.42	<1	9	50	9	1.51	<10	0.27	140	27	0.02	9	140	<2	<5	<20	12	0.01	<10	5	<10	2	15
36	SX09028-035	<0.2	0.31	<5	45	<5	0.33	<1	17	59	41	2.86	<10	0.17	99	235	0.02	9	110	<2	<5	<20	14	<0.01	<10	5	<10	2	13
Resplit:																													
1	SX09028-001	<0.2	0.32	<5	50	<5	0.76	<1	9	42	23	1.79	<10	0.34	219	448	0.02	6	160	<2	<5	<20	27	<0.01	<10	4	<10	3	20
36	SX09028-035	<0.2	0.30	<5	40	<5	0.32	<1	21	52	44	2.75	<10	0.17	98	203	0.02	9	120	<2	<5	<20	13	<0.01	<10	5	<10	2	11
Standard:																													
Pb129a		11.8	0.86	<5	60	<5	0.47	53	6	12	1377	1.52	<10	0.67	349	2	0.03	5	410	6214	15	<20	30	0.03	<10	17	<10	2	9923
Pb129a		11.8	0.83	5	65	<5	0.44	57	6	12	1448	1.65	<10	0.66	376	2	0.03	5	430	6144	15	<20	33	0.03	<10	19	<10	2	9973

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/nw
df/2_869S
XLS/09

6-Jan-10

Stewart Group
ECO TECH LABORATORY LTD.
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 2009-0870

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 140
Sample Type: Core
Shipment #: SX09-001
Submitted by: B. Wallace

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	SX09027-001	<0.2	0.69	<5	60	<5	0.14	<1	7	98	6	1.22	10	0.38	117	115	0.02	11	180	2	<5	<20	5	0.04	<10	11	<10	4	23
2	SX09027-002	<0.2	0.74	<5	45	<5	0.13	<1	6	87	10	1.40	10	0.39	102	216	0.02	12	140	<2	<5	<20	4	0.05	<10	11	<10	8	19
3	SX09027-003	<0.2	0.70	<5	35	<5	0.12	<1	5	65	6	1.20	10	0.34	117	34	0.02	11	140	2	<5	<20	4	0.05	<10	9	<10	8	20
4	SX09027-004	<0.2	0.60	<5	40	<5	0.09	<1	6	85	4	1.28	20	0.26	101	65	0.02	11	200	<2	<5	<20	2	0.03	<10	7	<10	10	21
5	SX09027-005	<0.2	0.50	<5	35	<5	0.06	<1	5	83	5	0.91	20	0.16	82	126	0.02	7	130	<2	<5	<20	2	0.01	<10	6	<10	4	28
6	SX09027-006	<0.2	0.89	<5	60	<5	0.27	<1	6	98	11	1.33	<10	0.71	286	16	0.02	7	120	8	<5	<20	14	0.04	<10	11	<10	5	53
7	SX09027-007	<0.2	0.79	<5	40	<5	0.09	<1	7	90	24	1.69	10	0.57	169	142	0.02	8	100	4	<5	<20	5	0.04	<10	11	<10	6	35
8	SX09027-008	<0.2	0.50	<5	40	<5	0.43	<1	7	84	15	1.01	20	0.22	56	137	0.02	8	130	<2	<5	<20	7	0.02	<10	7	<10	6	14
9	SX09027-009	<0.2	0.36	<5	60	<5	0.36	<1	10	97	27	1.16	<10	0.29	105	367	0.02	7	90	<2	<5	<20	8	<0.01	<10	7	<10	3	12
10	SX09027-010	<0.2	0.24	<5	45	<5	0.25	<1	15	113	27	1.26	<10	0.13	79	179	0.02	6	100	<2	<5	<20	6	<0.01	<10	4	<10	2	8
11	SX09027-011	<0.2	0.30	<5	35	<5	0.39	<1	22	116	80	1.90	<10	0.25	163	692	0.02	13	80	<2	<5	<20	9	0.01	<10	6	<10	4	20
12	SX09027-012	<0.2	0.58	<5	65	<5	0.41	<1	7	104	10	1.08	10	0.48	266	148	0.02	7	110	<2	<5	<20	11	0.02	<10	9	<10	5	32
13	SX09027-013	<0.2	0.34	<5	40	<5	0.22	<1	5	74	8	1.00	10	0.17	79	740	0.02	6	110	<2	<5	<20	6	<0.01	<10	5	<10	2	17
14	SX09027-014	<0.2	0.31	<5	45	<5	0.16	<1	3	90	4	0.80	10	0.18	98	111	0.02	7	90	<2	<5	<20	5	<0.01	<10	4	<10	2	16
15	SX09027-015	<0.2	0.36	<5	60	<5	0.22	<1	3	67	5	0.87	10	0.29	125	74	0.02	7	100	<2	<5	<20	6	0.01	<10	5	<10	2	14
16	SX09027-016	<0.2	0.40	<5	60	<5	0.29	<1	4	98	14	0.95	<10	0.21	106	353	0.02	7	110	6	<5	<20	7	<0.01	<10	5	<10	2	34
17	SX09027-017	<0.2	0.35	<5	60	<5	0.41	<1	3	77	6	0.75	<10	0.18	93	200	0.02	5	150	6	<5	<20	8	<0.01	<10	4	<10	3	35
18	SX09027-018	<0.2	0.34	<5	65	<5	0.23	<1	5	72	4	0.71	10	0.16	81	56	0.02	6	90	<2	<5	<20	5	<0.01	<10	4	<10	2	9
19	SX09027-019	<0.2	0.46	<5	45	<5	0.23	<1	4	82	12	0.90	<10	0.24	101	223	0.02	8	100	<2	<5	<20	5	0.02	<10	6	<10	2	12
20	SX09027-020	<0.2	0.35	<5	60	<5	0.14	<1	4	75	8	0.94	10	0.21	69	54	0.03	7	60	<2	<5	<20	6	0.01	<10	5	<10	2	9
21	SX09027-021	<0.2	0.31	<5	50	<5	0.33	<1	6	66	27	1.40	<10	0.24	128	169	0.02	7	80	<2	<5	<20	13	<0.01	<10	4	<10	2	31
22	SX09027-022	<0.2	0.92	<5	50	<5	0.70	<1	6	104	17	1.86	<10	0.91	394	82	0.02	7	110	2	<5	<20	12	0.03	<10	12	<10	6	45
23	SX09027-023	<0.2	0.41	<5	45	<5	0.09	<1	5	80	6	0.70	10	0.19	56	203	0.02	7	70	<2	<5	<20	4	0.02	<10	6	<10	2	11
24	SX09027-024	<0.2	0.32	<5	40	<5	0.08	<1	5	94	6	0.86	<10	0.12	54	57	0.02	7	90	<2	<5	<20	3	0.01	<10	4	<10	2	10
25	SX09027-025	<0.2	0.21	<5	65	<5	0.19	<1	4	99	7	0.61	<10	0.13	56	447	0.02	4	80	<2	<5	<20	6	<0.01	<10	3	<10	2	7

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	SX09027-026	<0.2	0.25	<5	60	<5	0.11	<1	3	92	13	0.83	<10	0.16	51	350	0.02	6	50	<2	<5	<20	4	<0.01	<10	4	<10	1	6
27	SX09027-027	<0.2	0.19	<5	50	<5	0.16	<1	4	108	10	0.85	<10	0.13	63	776	0.02	5	50	<2	<5	<20	6	<0.01	<10	4	<10	2	7
28	SX09027-028	<0.2	0.16	<5	80	<5	0.30	<1	3	124	8	0.68	<10	0.12	71	464	0.03	4	80	<2	<5	<20	11	<0.01	<10	3	<10	3	4
29	SX09027-029	<0.2	0.33	<5	20	<5	0.25	2	27	70	189	6.06	<10	0.78	136	247	0.02	27	290	4	<5	<20	11	<0.01	<10	14	<10	3	34
30	SX09027-030	<0.2	0.25	<5	90	<5	0.27	<1	5	79	13	0.89	10	0.14	87	486	0.02	5	90	<2	<5	<20	14	<0.01	<10	3	<10	2	6
31	SX09027-031	<0.2	0.17	<5	50	<5	0.08	<1	4	99	12	0.75	<10	0.06	28	459	0.02	4	70	<2	<5	<20	4	<0.01	<10	3	<10	2	3
32	SX09027-032	<0.2	0.19	<5	35	<5	0.10	<1	23	111	234	3.41	<10	0.06	35	491	0.02	10	50	<2	<5	<20	3	<0.01	<10	4	<10	2	8
33	SX09027-033	<0.2	0.35	<5	45	<5	0.52	<1	4	88	7	0.91	<10	0.27	184	179	0.02	5	80	<2	<5	<20	8	<0.01	<10	4	<10	3	11
34	SX09027-034	<0.2	0.34	<5	110	<5	0.39	<1	3	107	6	0.77	20	0.26	157	552	0.02	6	140	<2	<5	<20	10	<0.01	<10	6	<10	4	12
35	SX09027-034S	8.7	0.32	10	135	<5	0.76	<1	1	109	4310	0.88	<10	0.08	235	808	0.04	3	320	<2	20	<20	242	<0.01	<10	10	<10	2	31
36	SX09027-231	<0.2	0.17	<5	50	<5	0.14	<1	1	100	5	0.42	<10	0.08	42	501	0.01	3	50	2	<5	<20	4	<0.01	<10	3	<10	1	25
37	SX09027-232	<0.2	0.20	<5	35	<5	0.23	<1	5	109	8	2.35	<10	0.11	76	528	0.02	4	40	12	<5	<20	7	<0.01	<10	3	<10	1	45
38	SX09027-233	<0.2	0.26	<5	75	<5	0.37	<1	2	99	8	0.76	<10	0.17	78	470	0.01	3	70	<2	<5	<20	8	<0.01	<10	3	<10	3	7
39	SX09027-234	<0.2	0.12	<5	45	<5	0.06	<1	2	107	5	0.48	<10	<0.01	13	393	0.01	3	230	<2	<5	<20	2	<0.01	<10	2	<10	2	14
40	SX09027-235	<0.2	0.13	<5	50	<5	0.02	<1	1	111	3	0.37	<10	<0.01	12	680	0.01	3	80	<2	<5	<20	2	<0.01	<10	2	<10	1	117
41	SX09027-236	<0.2	0.31	<5	50	<5	0.07	<1	5	35	7	0.64	<10	0.02	10	405	0.02	3	290	<2	<5	<20	2	<0.01	<10	3	<10	3	39
42	SX09027-237	<0.2	0.20	<5	30	<5	0.44	3	5	98	7	2.36	<10	0.17	141	312	0.02	3	60	6	<5	<20	13	<0.01	<10	3	<10	2	391
43	SX09027-238	<0.2	0.34	<5	75	<5	0.42	<1	2	72	8	0.83	<10	0.28	147	406	0.02	2	50	<2	<5	<20	12	<0.01	<10	4	<10	2	26
44	SX09027-239	<0.2	0.29	<5	40	<5	0.02	<1	2	67	2	1.06	<10	0.02	10	461	0.02	3	50	<2	<5	<20	1	<0.01	<10	3	<10	1	126
45	SX09027-240	<0.2	0.12	<5	35	<5	0.02	<1	<1	81	3	0.34	<10	<0.01	9	448	0.01	2	40	<2	<5	<20	<1	<0.01	<10	2	<10	<1	37
46	SX09027-035	<0.2	0.27	<5	75	<5	0.30	<1	5	86	8	0.92	20	0.12	141	447	0.02	6	110	<2	<5	<20	6	<0.01	<10	4	<10	3	5
47	SX09027-036	<0.2	0.30	<5	80	<5	0.35	<1	2	58	4	0.88	10	0.22	119	473	0.02	4	100	<2	<5	<20	6	<0.01	<10	4	<10	3	14
48	SX09027-037	<0.2	0.58	<5	95	<5	0.59	<1	7	62	31	1.32	<10	0.90	170	109	0.02	6	80	<2	<5	<20	8	0.02	<10	9	<10	4	31
49	SX09027-038	<0.2	0.42	<5	80	<5	1.12	<1	7	61	21	1.42	<10	0.64	347	657	0.02	5	100	<2	<5	<20	18	0.01	<10	5	<10	5	36
50	SX09027-039	<0.2	0.28	<5	80	<5	0.29	<1	3	111	8	0.79	10	0.24	84	546	0.02	7	70	<2	<5	<20	8	<0.01	<10	5	<10	3	12
51	SX09027-040	<0.2	0.27	<5	75	<5	0.37	<1	2	76	8	1.07	<10	0.21	92	1510	0.02	5	90	<2	<5	<20	6	<0.01	<10	5	<10	3	11
52	SX09027-041	<0.2	0.32	<5	90	<5	0.07	<1	2	73	4	0.81	10	0.18	66	1293	0.02	6	50	<2	<5	<20	3	0.01	<10	6	<10	2	9
53	SX09027-042	<0.2	0.28	<5	170	<5	0.17	<1	2	71	4	0.67	<10	0.16	79	633	0.02	5	60	2	<5	<20	7	<0.01	<10	5	<10	2	10
54	SX09027-043	<0.2	0.20	<5	170	<5	1.00	6	4	106	11	0.92	<10	0.37	303	790	0.01	5	90	118	<5	<20	21	<0.01	<10	3	<10	3	887
55	SX09027-044	<0.2	0.18	<5	155	<5	1.02	<1	2	78	6	0.76	<10	0.37	229	376	0.01	4	60	8	<5	<20	20	<0.01	<10	2	<10	2	20
56	SX09027-045	<0.2	0.30	<5	140	<5	0.31	<1	2	63	5	0.73	10	0.14	115	789	0.02	4	80	4	<5	<20	11	<0.01	<10	3	<10	2	16
57	SX09027-046	<0.2	0.21	<5	100	<5	0.41	<1	1	102	8	0.64	10	0.15	109	903	0.02	4	70	14	<5	<20	14	<0.01	<10	3	<10	2	27
58	SX09027-047	<0.2	0.33	<5	60	<5	0.75	<1	5	79	28	1.40	10	0.32	138	352	0.02	7	100	<2	<5	<20	11	<0.01	<10	4	<10	4	13
59	SX09027-048	<0.2	0.35	<5	60	<5	0.47	<1	4	66	20	1.26	<10	0.23	81	279	0.02	6	70	<2	<5	<20	6	<0.01	<10	5	<10	2	12
60	SX09027-049	<0.2	0.29	<5	70	<5	0.35	<1	4	74	7	1.03	<10	0.15	86	338	0.02	6	70	<2	<5	<20	10	<0.01	<10	4	<10	2	8
61	SX09027-050	<0.2	0.24	<5	55	<5	0.19	<1	5	54	8	1.45	<10	0.18	78	443	0.02	6	80	<2	<5	<20	4	<0.01	<10	3	<10	2	8
62	SX09027-050B	<0.2	0.88	<5	195	<5	0.21	<1	4	11	<1	1.35	<10	0.21	304	2	0.27	5	190	14	<5	<20	19	0.07	<10	22	<10	10	22
63	SX09027-051	<0.2	0.45	<5	55	<5	0.35	<1	6	62	8	1.56	<10	0.26	106	147	0.02	7	120	<2	<5	<20	6	<0.01	<10	7	<10	3	18
64	SX09027-052	<0.2	0.34	<5	75	<5	0.45	<1	4	72	4	1.18	<10	0.21	138	511	0.02	5	110	<2	<5	<20	12	<0.01	<10	4	<10	3	17
65	SX09027-053	<0.2	0.52	<5	65	<5	0.54	<1	3	72	7	1.12	10	0.51	201	778	0.02	6	70	<2	<5	<20	8	0.02	<10	8	<10	4	38

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	SX09027-054	<0.2	0.27	5	75	<5	0.53	<1	2	123	11	0.77	10	0.27	155	2227	0.02	5	60	<2	<5	<20	13	<0.01	<10	5	<10	5	23
67	SX09027-055	<0.2	0.23	<5	85	<5	0.32	<1	2	77	5	0.90	<10	0.14	82	1256	0.02	5	90	<2	<5	<20	12	<0.01	<10	4	<10	2	12
68	SX09027-056	<0.2	0.20	<5	100	<5	0.34	<1	2	121	6	0.68	20	0.13	82	736	0.02	6	60	<2	<5	<20	14	<0.01	<10	4	<10	5	9
69	SX09027-057	<0.2	0.23	<5	75	<5	0.49	<1	2	99	6	0.83	<10	0.19	105	1500	0.03	5	80	<2	<5	<20	17	<0.01	<10	4	<10	3	10
70	SX09027-058	<0.2	0.32	<5	55	<5	1.34	<1	12	73	30	2.36	<10	0.58	375	1476	0.03	13	190	<2	<5	<20	43	<0.01	<10	9	<10	4	60
71	SX09027-059	<0.2	3.15	<5	45	<5	2.82	2	46	40	91	6.18	<10	3.08	1107	168	0.02	50	650	12	<5	<20	38	0.14	<10	196	<10	7	229
72	SX09027-060	<0.2	2.43	<5	40	<5	3.57	2	36	31	74	5.16	<10	2.68	1053	683	0.02	48	570	8	<5	<20	50	0.09	<10	148	<10	7	189
73	SX09027-061	0.2	1.68	<5	35	<5	2.05	8	31	50	53	4.79	<10	1.63	682	170	0.05	38	530	216	<5	<20	39	0.11	<10	117	<10	6	937
74	SX09027-062	<0.2	0.40	<5	70	<5	0.29	<1	5	82	5	1.02	10	0.31	148	247	0.02	7	80	<2	<5	<20	6	0.02	<10	8	<10	2	18
75	SX09027-063	<0.2	0.33	<5	45	<5	0.55	<1	6	92	11	2.07	<10	0.33	238	311	0.02	7	100	2	<5	<20	10	<0.01	<10	5	<10	2	32
76	SX09027-064	<0.2	0.29	5	95	<5	0.36	<1	3	93	6	1.04	10	0.29	120	2357	0.02	7	100	8	<5	<20	8	<0.01	<10	7	<10	5	45
77	SX09027-065	<0.2	0.49	<5	25	<5	1.41	2	48	76	184	5.66	<10	1.03	440	900	0.03	29	250	4	<5	<20	31	0.02	<10	26	<10	4	87
78	SX09027-066	<0.2	1.98	<5	25	<5	1.88	2	32	37	74	4.52	<10	1.73	712	43	0.05	42	620	6	<5	<20	22	0.11	<10	133	<10	6	144
79	SX09027-067	<0.2	0.57	<5	65	<5	0.54	<1	6	92	23	1.31	10	0.38	211	83	0.03	9	160	<2	<5	<20	9	0.04	<10	12	<10	3	22
80	SX09027-068	<0.2	0.26	5	65	<5	0.58	<1	4	75	19	1.44	<10	0.23	167	2717	0.02	6	130	<2	<5	<20	14	<0.01	<10	5	<10	3	15
81	SX09027-069	<0.2	0.30	<5	70	<5	0.32	<1	5	83	27	1.11	10	0.24	119	465	0.02	6	120	<2	<5	<20	7	<0.01	<10	5	<10	3	13
82	SX09027-070	<0.2	0.23	<5	75	5	0.53	<1	4	80	11	1.13	<10	0.20	214	875	0.02	6	290	10	<5	<20	13	<0.01	<10	3	<10	3	116
83	SX09027-070S	8.8	0.32	10	130	<5	0.78	<1	1	102	4234	0.84	<10	0.07	219	818	0.04	2	310	<2	20	<20	217	<0.01	<10	11	<10	2	34
84	SX09027-071	<0.2	0.21	<5	65	<5	0.38	<1	3	118	11	0.86	<10	0.13	86	1537	0.02	5	70	<2	<5	<20	9	<0.01	<10	4	<10	2	8
85	SX09027-072	<0.2	0.17	<5	80	<5	0.43	<1	2	116	10	0.68	<10	0.17	125	1043	0.02	4	50	<2	<5	<20	9	<0.01	<10	3	<10	2	26
86	SX09027-073	<0.2	0.22	<5	65	<5	0.47	<1	4	104	16	1.00	<10	0.18	134	408	0.02	4	60	<2	<5	<20	8	<0.01	<10	3	<10	3	8
87	SX09027-074	<0.2	0.19	<5	70	<5	0.47	<1	2	89	19	0.68	<10	0.12	107	213	0.02	4	70	<2	<5	<20	10	<0.01	<10	3	<10	2	4
88	SX09027-075	<0.2	0.27	<5	70	<5	0.37	<1	2	87	6	0.87	<10	0.18	119	366	0.02	5	90	<2	<5	<20	8	<0.01	<10	4	<10	3	10
89	SX09027-076	<0.2	0.38	<5	90	<5	0.78	<1	6	78	18	1.42	<10	0.26	215	184	0.02	7	60	4	<5	<20	13	<0.01	<10	5	<10	3	23
90	SX09027-077	<0.2	0.21	<5	105	<5	1.05	<1	2	112	7	0.90	<10	0.38	328	122	0.02	3	70	10	<5	<20	23	<0.01	<10	3	<10	3	60
91	SX09027-078	<0.2	0.21	<5	60	<5	0.35	<1	14	85	10	0.99	<10	0.11	74	108	0.02	4	30	2	<5	<20	8	<0.01	<10	3	<10	2	14
92	SX09027-079	<0.2	0.19	<5	70	<5	0.61	<1	3	115	8	0.71	<10	0.19	220	248	0.02	3	70	4	<5	<20	12	<0.01	<10	3	<10	3	9
93	SX09027-080	<0.2	0.18	<5	60	<5	0.40	<1	2	95	4	0.66	<10	0.13	143	196	0.02	4	80	<2	<5	<20	9	<0.01	<10	3	<10	2	7
94	SX09027-081	<0.2	0.19	<5	25	<5	0.21	<1	4	95	11	3.13	<10	0.07	62	293	0.02	5	60	6	<5	<20	4	<0.01	<10	3	<10	2	23
95	SX09027-082	<0.2	0.29	<5	45	<5	0.14	<1	6	65	4	1.16	10	0.13	74	154	0.02	6	120	<2	<5	<20	2	<0.01	<10	4	<10	3	12
96	SX09027-083	<0.2	0.32	<5	55	<5	0.59	<1	4	104	14	1.13	<10	0.27	269	166	0.02	6	80	<2	<5	<20	9	0.01	<10	5	<10	3	18
97	SX09027-084	<0.2	0.29	<5	65	<5	0.12	<1	3	74	7	0.88	20	0.18	109	91	0.02	7	80	<2	<5	<20	4	<0.01	<10	5	<10	2	16
98	SX09027-085	<0.2	0.34	<5	75	<5	0.28	<1	4	74	17	1.01	10	0.21	111	125	0.02	6	80	<2	<5	<20	5	<0.01	<10	4	<10	3	12
99	SX09027-086	<0.2	0.34	<5	55	<5	0.09	<1	3	73	10	0.97	10	0.18	83	183	0.02	6	80	<2	<5	<20	3	0.01	<10	6	<10	2	11
100	SX09027-087	<0.2	0.31	<5	55	<5	0.26	<1	4	89	14	1.10	10	0.19	143	83	0.02	6	100	<2	<5	<20	5	<0.01	<10	4	<10	2	21
101	SX09027-088	<0.2	0.28	<5	50	<5	0.14	<1	4	72	15	0.89	10	0.16	80	54	0.02	5	130	<2	<5	<20	4	<0.01	<10	3	<10	2	11
102	SX09027-089	<0.2	0.27	<5	30	<5	0.23	<1	3	104	14	1.09	<10	0.14	89	36	0.02	5	50	<2	<5	<20	5	<0.01	<10	4	<10	2	8
103	SX09027-090	<0.2	0.24	<5	45	<5	0.65	<1	3	93	9	1.36	<10	0.26	250	88	0.02	4	50	4	<5	<20	13	<0.01	<10	4	<10	2	69
104	SX09027-091	<0.2	0.19	<5	55	<5	0.23	<1	3	104	7	1.14	<10	0.08	84	92	0.02	5	40	12	<5	<20	7	<0.01	<10	3	<10	2	57
105	SX09027-092	<0.2	0.20	<5	55	<5	0.75	<1	3	70	11	1.01	<10	0.26	172	124	0.02	5	110	6	<5	<20	9	<0.01	<10	3	<10	2	21

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	SX09027-093	<0.2	0.25	<5	65	<5	0.18	<1	4	48	4	0.78	<10	0.12	89	73	0.02	6	170	<2	<5	<20	4	<0.01	<10	3	<10	2	20
107	SX09027-094	<0.2	0.25	<5	45	<5	0.33	<1	3	79	9	0.80	<10	0.14	81	71	0.02	5	170	<2	<5	<20	5	<0.01	<10	3	<10	3	8
108	SX09027-095	<0.2	0.20	<5	55	<5	0.69	<1	3	133	10	0.88	<10	0.20	158	107	0.02	5	50	<2	<5	<20	10	<0.01	<10	3	<10	2	10
109	SX09027-096	<0.2	0.20	<5	55	<5	0.20	<1	1	103	8	0.70	<10	0.06	46	253	0.02	3	40	<2	<5	<20	4	<0.01	<10	2	<10	1	3
110	SX09027-097	<0.2	0.19	<5	55	<5	0.14	<1	1	133	5	0.55	<10	0.03	37	265	0.02	4	50	<2	<5	<20	3	<0.01	<10	3	<10	2	2
111	SX09027-098	<0.2	0.15	<5	75	<5	0.17	<1	2	128	6	0.69	<10	0.05	55	271	0.02	3	40	<2	<5	<20	5	<0.01	<10	2	<10	1	2
112	SX09027-099	<0.2	0.24	<5	45	<5	0.96	<1	3	145	17	1.32	<10	0.34	260	145	0.02	4	50	<2	<5	<20	14	<0.01	<10	3	<10	3	25
113	SX09027-100	<0.2	0.26	<5	40	<5	0.72	<1	3	110	5	0.99	<10	0.24	248	160	0.02	3	50	<2	<5	<20	8	<0.01	<10	3	<10	2	14
114	SX09027-100B	<0.2	0.84	<5	185	<5	0.20	<1	4	11	<1	1.38	<10	0.20	312	<1	0.24	4	180	10	<5	<20	18	0.07	<10	23	<10	10	23
115	SX09027-101	<0.2	0.21	<5	50	<5	0.22	<1	1	111	6	0.49	10	0.05	82	21	0.02	4	20	<2	<5	<20	3	<0.01	<10	2	<10	2	5
116	SX09027-102	<0.2	0.15	<5	70	<5	0.15	<1	1	124	6	0.42	<10	0.04	44	149	0.01	3	30	<2	<5	<20	4	<0.01	<10	2	<10	1	2
117	SX09027-103	<0.2	0.14	<5	65	<5	0.10	<1	2	140	4	0.60	<10	0.03	31	52	0.01	4	50	<2	<5	<20	4	<0.01	<10	2	<10	2	<1
118	SX09027-104	<0.2	0.20	<5	75	<5	0.18	<1	1	103	3	0.53	10	0.06	60	107	0.02	3	40	<2	<5	<20	4	<0.01	<10	3	<10	3	2
119	SX09027-105	<0.2	0.22	<5	55	<5	0.65	<1	2	145	7	0.79	<10	0.21	147	111	0.02	4	50	<2	<5	<20	9	<0.01	<10	3	<10	3	8
120	SX09027-105S	25.4	0.31	25	95	5	0.85	<1	1	73	>10000	0.94	<10	0.05	179	389	0.03	2	230	<2	45	<20	121	<0.01	<10	11	<10	2	24
121	SX09027-106	<0.2	0.46	<5	40	<5	1.06	<1	5	117	30	1.76	<10	0.65	287	52	0.02	4	50	<2	<5	<20	10	<0.01	<10	6	<10	5	26
122	SX09027-107	<0.2	0.18	<5	55	<5	0.52	<1	2	146	9	0.71	<10	0.20	142	60	0.02	4	40	<2	<5	<20	8	<0.01	<10	3	<10	2	7
123	SX09027-108	<0.2	0.14	<5	80	<5	0.19	<1	1	149	4	0.67	<10	0.05	57	181	0.02	4	30	<2	<5	<20	5	<0.01	<10	3	<10	1	2
124	SX09027-109	<0.2	0.11	<5	50	<5	0.04	<1	3	164	4	0.79	<10	0.01	24	159	0.01	4	40	<2	<5	<20	2	<0.01	<10	3	<10	1	<1
125	SX09027-110	<0.2	0.19	<5	75	<5	0.17	<1	1	110	4	0.64	<10	0.04	49	262	0.02	4	30	<2	<5	<20	6	<0.01	<10	4	<10	4	2
126	SX09027-111	<0.2	0.18	<5	65	<5	0.13	<1	1	140	7	0.59	<10	0.04	48	93	0.02	4	30	<2	<5	<20	5	<0.01	<10	3	<10	2	1
127	SX09027-112	<0.2	0.11	<5	70	<5	0.07	<1	1	156	4	0.59	<10	0.02	29	376	0.01	4	30	<2	<5	<20	3	<0.01	<10	3	<10	1	<1
128	SX09027-113	<0.2	0.13	<5	55	<5	0.14	<1	2	165	7	1.28	<10	0.04	51	392	0.02	5	40	<2	<5	<20	5	<0.01	<10	3	<10	1	54
129	SX09027-114	<0.2	0.16	<5	40	<5	0.55	<1	3	105	10	1.31	<10	0.20	147	196	0.01	4	40	<2	<5	<20	15	<0.01	<10	3	<10	2	26
130	SX09027-115	<0.2	0.18	<5	45	<5	0.93	<1	2	122	6	0.90	<10	0.29	261	79	0.02	3	40	<2	<5	<20	19	<0.01	<10	3	<10	2	29
131	SX09027-116	<0.2	0.12	<5	40	<5	0.03	<1	1	120	4	1.35	<10	0.01	14	187	0.02	3	40	<2	<5	<20	2	<0.01	<10	2	<10	1	37
132	SX09027-117	<0.2	0.18	<5	65	<5	0.13	<1	3	119	6	1.24	<10	0.04	38	376	0.02	5	30	<2	<5	<20	5	<0.01	<10	3	<10	3	10
133	SX09027-118	<0.2	0.19	<5	50	<5	0.47	<1	3	103	5	1.39	<10	0.14	100	412	0.02	3	40	<2	<5	<20	6	<0.01	<10	3	<10	2	7
134	SX09027-119	<0.2	0.23	<5	40	<5	0.35	<1	2	130	5	0.87	10	0.13	120	95	0.02	5	70	<2	<5	<20	7	<0.01	<10	4	<10	3	12
135	SX09027-120	<0.2	0.24	<5	40	<5	0.23	<1	4	60	8	1.19	10	0.11	55	168	0.02	6	40	<2	<5	<20	5	<0.01	<10	3	<10	2	6
136	SX09027-121	<0.2	0.25	<5	60	<5	0.19	<1	3	97	3	0.83	10	0.12	61	228	0.02	5	40	<2	<5	<20	5	<0.01	<10	4	<10	2	7
137	SX09027-122	<0.2	0.23	<5	55	<5	0.22	<1	2	72	4	0.60	20	0.11	64	75	0.02	4	60	<2	<5	<20	5	<0.01	<10	3	<10	3	6
138	SX09027-123	<0.2	0.20	<5	35	<5	0.12	<1	3	111	10	0.76	<10	0.06	45	78	0.02	4	60	<2	<5	<20	4	<0.01	<10	3	<10	2	3
139	SX09027-124	<0.2	0.19	<5	35	10	0.17	<1	2	80	8	1.26	<10	0.04	43	56	0.02	3	90	12	<5	<20	4	<0.01	<10	2	<10	2	18
140	SX09027-125	<0.2	0.23	<5	50	<5	0.18	<1	2	72	2	0.70	10	0.11	69	189	0.02	4	60	<2	<5	<20	5	<0.01	<10	3	<10	2	7

QC DATA:

Repeat:

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	SX09027-001	<0.2	0.68	<5	60	<5	0.14	<1	7	96	6	1.19	10	0.37	115	120	0.02	11	180	4	<5	<20	5	0.04	<10	11	<10	4	24
10	SX09027-010	<0.2	0.23	<5	40	<5	0.25	<1	15	115	27	1.27	<10	0.13	80	189	0.02	6	90	<2	<5	<20	6	<0.01	<10	4	<10	2	8
19	SX09027-019	<0.2	0.46	<5	45	<5	0.23	<1	4	86	13	0.94	<10	0.24	106	236	0.02	8	100	<2	<5	<20	5	0.02	<10	6	<10	2	12
36	SX09027-231	<0.2	0.17	<5	50	<5	0.14	<1	1	98	5	0.43	<10	0.08	42	495	0.01	3	50	2	<5	<20	4	<0.01	<10	3	<10	1	23
45	SX09027-240	<0.2	0.12	<5	35	<5	0.01	<1	<1	80	3	0.34	<10	<0.01	9	479	0.01	2	40	<2	<5	<20	<1	<0.01	<10	2	<10	<1	39
54	SX09027-043	<0.2	0.19	<5	160	<5	0.99	6	4	103	11	0.90	<10	0.35	298	760	0.01	4	90	114	<5	<20	22	<0.01	<10	3	<10	3	897

ECO TECH LABORATORY LTD. ICP CERTIFICATE OF ANALYSIS AK 2009-0870 BOOTLEG EXPLORATION INC.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
71	SX09027-059	<0.2	3.11	<5	45	<5	2.75	2	45	39	91	6.17	<10	3.02	1089	166	0.02	49	640	10	<5	<20	37	0.13	<10	190	<10	6	227
80	SX09027-068	<0.2	0.25	5	55	<5	0.58	<1	4	71	18	1.44	<10	0.22	165	2704	0.02	6	130	<2	<5	<20	14	<0.01	<10	5	<10	3	16
89	SX09027-076	<0.2	0.37	<5	80	<5	0.80	<1	6	79	19	1.45	<10	0.26	220	185	0.02	7	60	4	<5	<20	13	<0.01	<10	5	<10	3	24
106	SX09027-093	<0.2	0.26	<5	65	<5	0.18	<1	4	50	4	0.79	<10	0.12	88	75	0.02	6	170	<2	<5	<20	4	<0.01	<10	3	<10	2	20
115	SX09027-101	<0.2	0.22	<5	50	<5	0.22	<1	1	112	6	0.50	10	0.05	81	20	0.02	4	20	<2	<5	<20	3	<0.01	<10	3	<10	2	5
124	SX09027-109	<0.2	0.11	<5	50	<5	0.04	<1	3	169	4	0.78	<10	0.02	25	162	0.02	4	40	<2	<5	<20	2	<0.01	<10	3	<10	1	<1
Resplit:																													
1	SX09027-001	<0.2	0.69	<5	65	<5	0.14	<1	7	85	6	1.23	10	0.36	116	128	0.02	11	190	2	<5	<20	5	0.04	<10	11	<10	5	23
36	SX09027-231	<0.2	0.17	<5	55	<5	0.13	<1	1	106	5	0.42	<10	0.08	43	500	0.01	3	50	<2	<5	<20	4	<0.01	<10	3	<10	2	27
71	SX09027-059	<0.2	3.12	<5	45	<5	2.65	2	42	39	87	6.12	<10	2.88	1062	165	0.02	48	630	10	<5	<20	34	0.13	<10	200	<10	6	229
106	SX09027-093	<0.2	0.27	<5	75	<5	0.18	<1	4	58	4	0.76	<10	0.12	91	65	0.02	6	180	<2	<5	<20	4	<0.01	<10	3	<10	2	23
Standard:																													
PB129a		11.8	0.83	5	65	<5	0.47	53	6	12	1384	1.54	<10	0.65	356	2	0.04	5	410	6194	15	<20	32	0.03	<10	19	<10	2	9969
PB129a		12.2	0.84	5	65	<5	0.44	55	6	12	1459	1.52	<10	0.69	341	3	0.04	5	430	6222	15	<20	28	0.04	<10	20	<10	2	>10000
PB129a		11.8	0.84	5	65	<5	0.43	54	6	12	1481	1.54	<10	0.69	344	2	0.04	5	410	6124	15	<20	28	0.03	<10	21	<10	2	>10000
PB129a		11.8	0.86	5	70	<5	0.46	57	6	12	1420	1.55	<10	0.65	350	2	0.04	5	410	6114	15	<20	29	0.04	<10	21	<10	2	9959

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/nw
df/2_4161S/2_870S
XLS/09

6-Jan-10

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

ICP CERTIFICATE OF ANALYSIS AK 2009-0871

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

Phone: 250-573-5700
Fax : 250-573-4557

No. of samples received: 149
Sample Type: Core
Shipment #: SZ09-002
Submitted by: B. Wallace

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	SX09027-126	<0.2	0.47	<5	40	<5	0.72	<1	6	124	25	1.62	<10	0.38	305	66	0.02	6	90	4	<5	<20	10	0.01	<10	6	<10	4	17
2	SX09027-127	<0.2	0.24	<5	50	<5	0.30	<1	4	98	8	1.44	<10	0.15	91	624	0.02	5	130	2	<5	<20	7	<0.01	<10	3	<10	2	9
3	SX09027-128	<0.2	0.24	<5	30	<5	0.65	<1	5	83	8	0.95	<10	0.19	114	75	0.02	5	160	<2	<5	<20	10	<0.01	<10	3	<10	3	8
4	SX09027-129	<0.2	0.16	<5	65	<5	0.23	<1	1	119	4	0.67	<10	0.10	53	226	0.02	4	40	<2	<5	<20	7	<0.01	<10	2	<10	1	12
5	SX09027-130	<0.2	0.15	<5	65	<5	0.15	<1	1	110	4	0.55	<10	0.05	35	228	0.02	3	40	<2	<5	<20	4	<0.01	<10	2	<10	1	<1
6	SX09027-131	<0.2	0.17	<5	60	<5	0.12	<1	1	109	6	0.74	<10	0.05	38	173	0.02	3	30	<2	<5	<20	4	<0.01	<10	2	<10	2	<1
7	SX09027-132	<0.2	0.14	<5	75	<5	0.16	<1	2	136	4	0.51	<10	0.05	39	220	0.02	4	30	<2	<5	<20	6	<0.01	<10	2	<10	1	<1
8	SX09027-133	<0.2	0.18	<5	55	<5	0.55	<1	23	132	22	1.67	<10	0.24	139	442	0.02	6	40	36	<5	<20	13	<0.01	<10	3	<10	2	55
9	SX09027-134	<0.2	0.17	<5	25	5	0.33	1	6	120	11	2.82	<10	0.14	105	352	0.02	5	40	34	<5	<20	10	<0.01	<10	3	<10	2	98
10	SX09027-135	<0.2	0.15	<5	60	5	0.21	<1	4	122	21	1.04	<10	0.08	61	535	0.02	6	50	<2	<5	<20	6	<0.01	<10	2	<10	1	58
11	SX09027-136	<0.2	0.16	<5	80	<5	0.22	<1	2	102	7	0.72	<10	0.09	48	1153	0.01	4	40	<2	<5	<20	9	<0.01	<10	3	<10	1	4
12	SX09027-137	<0.2	0.45	<5	40	<5	1.20	<1	3	146	13	1.46	<10	0.69	288	75	0.02	5	60	2	<5	<20	19	<0.01	<10	5	<10	4	37
13	SX09027-138	<0.2	0.14	<5	80	5	0.17	<1	2	148	3	0.63	<10	0.05	46	878	0.02	4	50	<2	<5	<20	6	<0.01	<10	3	<10	1	5
14	SX09027-139	<0.2	0.12	<5	130	<5	0.14	<1	<1	187	3	0.46	<10	0.04	42	226	0.01	5	40	<2	<5	<20	7	<0.01	<10	3	<10	1	<1
15	SX09027-140	<0.2	0.14	<5	65	<5	0.11	<1	2	116	4	0.73	<10	0.03	24	442	0.02	3	40	<2	<5	<20	4	<0.01	<10	2	<10	1	<1
16	SX09027-140S	24.6	0.29	25	90	15	0.91	<1	1	68	>10000	1.00	<10	0.07	186	390	0.03	3	230	<2	50	<20	116	<0.01	<10	11	<10	2	22
17	SX09027-141	<0.2	0.18	<5	55	<5	0.20	<1	1	147	6	0.75	<10	0.07	37	367	0.02	4	30	<2	<5	<20	7	<0.01	<10	3	<10	1	<1
18	SX09027-142	<0.2	0.21	<5	50	5	0.20	<1	4	121	6	1.29	<10	0.11	61	175	0.02	4	50	2	<5	<20	8	<0.01	<10	3	<10	1	6
19	SX09027-143	<0.2	0.25	<5	45	10	0.33	<1	3	129	7	1.40	<10	0.22	114	1199	0.02	5	40	4	<5	<20	13	<0.01	<10	4	<10	2	75
20	SX09027-144	<0.2	0.24	<5	50	<5	0.55	<1	2	124	5	0.70	<10	0.20	84	552	0.02	5	60	<2	<5	<20	11	<0.01	<10	4	<10	3	5
21	SX09027-145	<0.2	0.28	<5	45	<5	0.59	<1	2	103	5	1.04	<10	0.24	131	88	0.02	5	130	<2	<5	<20	10	<0.01	<10	3	<10	2	11
22	SX09027-146	<0.2	0.30	<5	40	<5	0.51	<1	4	92	12	1.09	<10	0.26	89	152	0.02	5	80	<2	<5	<20	8	<0.01	<10	4	<10	2	11
23	SX09027-147	<0.2	0.24	<5	30	15	0.34	<1	3	95	8	0.87	<10	0.13	78	51	0.02	5	70	6	<5	<20	5	<0.01	<10	3	<10	2	9
24	SX09027-148	<0.2	0.33	<5	40	<5	0.49	<1	3	89	4	1.08	<10	0.29	103	289	0.02	5	70	<2	<5	<20	7	<0.01	<10	4	<10	2	15
25	SX09027-149	<0.2	0.45	<5	45	<5	0.93	<1	3	119	8	1.12	<10	0.53	206	98	0.02	5	110	2	<5	<20	12	0.01	<10	6	<10	3	33

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	SX09027-150	<0.2	0.42	<5	25	<5	1.16	<1	3	112	8	1.20	<10	0.53	230	68	0.02	5	90	2	<5	<20	13	0.01	<10	5	<10	3	31
27	SX09027-150B	<0.2	0.74	<5	185	<5	0.17	<1	4	11	<1	1.42	<10	0.23	321	<1	0.20	3	200	10	<5	<20	16	0.08	<10	23	<10	11	21
28	SX09027-151	<0.2	0.30	<5	40	5	0.47	<1	5	110	13	0.99	<10	0.17	69	629	0.02	6	120	<2	<5	<20	7	<0.01	<10	4	<10	3	4
29	SX09027-152	<0.2	0.21	<5	10	25	0.41	4	6	92	14	5.81	<10	0.15	96	276	0.02	6	110	28	<5	<20	10	<0.01	<10	3	<10	2	382
30	SX09027-153	<0.2	0.15	5	40	10	0.74	<1	2	177	8	1.84	<10	0.31	254	3085	0.02	6	30	<2	<5	<20	21	<0.01	<10	5	<10	4	66
31	SX09027-154	<0.2	0.28	<5	25	5	0.93	<1	6	108	28	2.20	<10	0.55	206	881	0.02	6	50	2	<5	<20	23	<0.01	<10	4	<10	3	40
32	SX09027-155	<0.2	0.33	<5	35	5	0.85	<1	5	169	20	1.90	<10	0.49	188	1868	0.02	7	40	<2	<5	<20	17	<0.01	<10	6	<10	3	40
33	SX09027-156	<0.2	0.44	<5	35	<5	0.89	<1	3	149	11	1.12	<10	0.55	141	416	0.02	6	50	2	<5	<20	13	0.01	<10	7	<10	4	21
34	SX09027-157	<0.2	0.33	<5	30	<5	0.74	<1	2	143	7	0.84	<10	0.40	137	316	0.02	5	60	<2	<5	<20	12	<0.01	<10	4	<10	3	12
35	SX09027-158	<0.2	0.32	<5	25	5	0.60	<1	3	142	12	1.02	<10	0.39	114	166	0.02	5	50	2	<5	<20	8	<0.01	<10	4	<10	2	12
36	SX09027-159	<0.2	0.29	<5	30	<5	0.64	<1	3	161	11	1.14	<10	0.41	146	275	0.02	6	50	<2	<5	<20	9	<0.01	<10	4	<10	3	14
37	SX09027-160	<0.2	0.25	<5	40	5	0.41	<1	8	92	14	1.19	<10	0.24	99	263	0.02	6	100	<2	<5	<20	8	<0.01	<10	2	<10	3	6
38	SX09027-161	<0.2	0.27	<5	60	<5	0.40	<1	5	85	7	0.81	<10	0.30	101	317	0.02	5	100	<2	<5	<20	9	<0.01	<10	3	<10	3	8
39	SX09027-162	<0.2	0.29	<5	35	5	0.28	<1	9	101	8	1.30	<10	0.24	104	436	0.02	6	100	<2	<5	<20	6	<0.01	<10	3	<10	3	10
40	SX09027-163	<0.2	0.27	<5	35	5	0.69	<1	9	94	12	1.20	<10	0.41	153	161	0.02	6	110	2	<5	<20	12	<0.01	<10	3	<10	3	11
41	SX09027-164	<0.2	0.27	<5	45	5	0.46	<1	9	100	11	1.07	<10	0.34	116	258	0.02	6	100	2	<5	<20	11	<0.01	<10	3	<10	3	12
42	SX09027-165	<0.2	0.25	<5	50	5	0.48	<1	7	88	7	0.99	<10	0.27	128	342	0.02	5	100	2	<5	<20	12	<0.01	<10	3	<10	3	10
43	SX09027-166	<0.2	0.27	<5	40	5	0.81	<1	6	94	4	1.20	<10	0.37	258	220	0.02	5	150	2	<5	<20	18	<0.01	<10	3	<10	3	15
44	SX09027-167	<0.2	0.26	<5	40	5	0.47	<1	8	68	14	0.98	<10	0.25	139	140	0.02	6	220	<2	<5	<20	10	<0.01	<10	2	<10	3	10
45	SX09027-168	<0.2	0.25	<5	35	15	0.72	2	7	102	14	1.34	<10	0.31	267	289	0.02	6	140	10	<5	<20	17	<0.01	<10	3	<10	3	246
46	SX09027-169	<0.2	0.26	<5	40	5	1.25	1	11	78	15	1.18	<10	0.50	412	41	0.02	6	90	4	<5	<20	19	<0.01	<10	2	<10	4	193
47	SX09027-170	<0.2	0.29	<5	40	5	0.68	<1	8	93	25	1.25	<10	0.34	198	412	0.02	7	50	<2	<5	<20	11	<0.01	<10	3	<10	3	21
48	SX09027-171	<0.2	0.26	<5	50	<5	0.35	<1	7	67	5	0.78	<10	0.24	126	63	0.02	5	80	<2	<5	<20	7	<0.01	<10	2	<10	2	15
49	SX09027-172	<0.2	0.28	<5	50	30	0.73	<1	7	97	20	1.41	<10	0.33	251	127	0.02	6	70	20	<5	<20	14	<0.01	<10	3	<10	3	60
50	SX09027-173	<0.2	0.23	<5	35	<5	0.73	<1	6	70	9	1.20	<10	0.32	210	197	0.02	5	80	2	<5	<20	15	<0.01	<10	2	<10	3	12
51	SX09027-174	<0.2	0.25	<5	45	<5	0.62	<1	6	96	11	0.99	<10	0.28	130	154	0.02	6	120	2	<5	<20	12	<0.01	<10	2	<10	3	8
52	SX09027-175	<0.2	0.24	<5	45	<5	0.49	<1	5	67	9	0.81	<10	0.20	134	134	0.02	5	100	<2	<5	<20	9	<0.01	<10	2	<10	3	10
53	SX09027-175S	8.7	0.31	10	120	10	0.80	<1	1	101	4275	0.83	<10	0.08	232	831	0.04	3	330	<2	20	<20	238	<0.01	<10	10	<10	3	30
54	SX09027-176	<0.2	0.23	<5	40	5	0.13	<1	5	65	3	1.20	<10	0.15	99	85	0.02	5	100	2	<5	<20	6	<0.01	<10	2	<10	2	12
55	SX09027-177	<0.2	0.22	<5	30	5	0.15	<1	5	53	5	1.47	<10	0.10	89	246	0.02	5	50	4	<5	<20	4	<0.01	<10	3	<10	2	29
56	SX09027-178	<0.2	0.58	<5	30	<5	0.69	<1	5	126	17	1.58	<10	0.60	186	118	0.02	6	60	2	<5	<20	8	0.03	<10	7	<10	5	25
57	SX09027-179	<0.2	0.51	<5	30	<5	1.11	<1	5	106	14	1.36	<10	0.50	280	52	0.02	6	50	2	<5	<20	16	0.03	<10	5	<10	5	28
58	SX09027-180	<0.2	0.53	<5	35	<5	0.93	<1	4	134	12	1.05	<10	0.50	205	145	0.02	6	60	<2	<5	<20	12	0.02	<10	7	<10	5	21
59	SX09027-181	<0.2	0.61	<5	35	<5	0.95	<1	8	121	32	2.01	<10	0.77	192	63	0.02	7	60	4	<5	<20	14	0.03	<10	8	<10	5	31
60	SX09027-182	<0.2	0.47	<5	30	5	0.88	<1	5	134	15	2.35	<10	0.65	242	205	0.02	7	50	4	<5	<20	19	0.02	<10	6	<10	5	45
61	SX09027-183	<0.2	0.20	<5	60	5	0.42	<1	2	104	7	0.83	<10	0.15	110	235	0.02	5	60	<2	<5	<20	13	<0.01	<10	3	<10	2	14
62	SX09027-184	<0.2	0.21	<5	65	<5	0.20	<1	3	74	20	0.93	<10	0.08	99	262	0.02	4	50	<2	<5	<20	9	<0.01	<10	3	<10	2	9
63	SX09027-185	<0.2	0.12	<5	40	35	0.44	<1	20	132	59	1.96	<10	0.12	70	1359	0.02	9	40	20	<5	<20	8	<0.01	<10	4	<10	2	4
64	SX09027-186	<0.2	0.20	<5	65	10	0.17	1	8	97	20	1.08	<10	0.06	61	941	0.02	5	50	4	<5	<20	6	<0.01	<10	3	<10	2	224
65	SX09027-187	<0.2	0.22	<5	55	5	0.62	<1	6	104	24	1.43	<10	0.24	91	438	0.01	6	60	<2	<5	<20	14	<0.01	<10	3	<10	2	7

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	SX09027-188	<0.2	0.21	<5	55	5	0.63	<1	4	116	10	1.10	<10	0.27	96	259	0.01	6	60	4	<5	<20	12	<0.01	<10	3	<10	2	8
67	SX09027-189	<0.2	0.16	<5	85	<5	0.21	<1	2	103	7	0.51	<10	0.07	37	1550	0.01	4	50	<2	<5	<20	5	<0.01	<10	3	<10	2	<1
68	SX09027-190	<0.2	0.22	<5	75	<5	0.41	<1	2	116	6	0.79	<10	0.17	67	201	0.02	4	40	4	<5	<20	7	<0.01	<10	3	<10	2	11
69	SX09027-191	<0.2	0.25	<5	50	<5	0.67	<1	3	116	6	0.95	<10	0.34	94	415	0.01	4	40	6	<5	<20	18	<0.01	<10	3	<10	3	22
70	SX09027-192	<0.2	0.18	<5	55	<5	0.33	<1	3	99	6	1.02	<10	0.13	51	251	0.02	4	30	6	<5	<20	10	<0.01	<10	2	<10	1	13
71	SX09027-193	<0.2	0.16	<5	60	10	0.26	<1	2	123	7	0.70	<10	0.10	86	171	0.02	4	40	10	<5	<20	9	<0.01	<10	2	<10	1	28
72	SX09027-194	<0.2	0.25	<5	55	<5	0.75	<1	4	124	13	1.07	<10	0.30	158	231	0.02	6	60	2	<5	<20	13	<0.01	<10	4	<10	3	19
73	SX09027-195	<0.2	0.22	<5	60	<5	0.37	<1	3	87	36	1.05	<10	0.16	72	276	0.02	5	70	<2	<5	<20	7	<0.01	<10	3	<10	3	9
74	SX09027-196	<0.2	0.33	<5	60	<5	0.50	<1	4	94	9	1.02	<10	0.25	95	158	0.02	6	130	<2	<5	<20	9	<0.01	<10	4	<10	3	12
75	SX09027-197	<0.2	0.32	<5	45	<5	0.66	<1	3	131	7	1.37	<10	0.29	146	240	0.02	6	90	<2	<5	<20	10	<0.01	<10	4	<10	3	12
76	SX09027-198	<0.2	0.29	<5	40	<5	0.49	1	7	118	17	1.85	<10	0.27	149	98	0.02	7	90	4	<5	<20	9	<0.01	<10	4	<10	2	73
77	SX09027-199	<0.2	0.26	<5	35	10	0.23	1	8	102	19	1.90	<10	0.21	81	579	0.02	8	100	8	<5	<20	5	<0.01	<10	3	<10	2	78
78	SX09027-200	<0.2	0.21	<5	80	<5	0.48	<1	3	66	4	0.80	<10	0.14	132	244	0.02	4	110	<2	<5	<20	10	<0.01	<10	2	<10	2	16
79	SX09027-200B	<0.2	0.69	<5	175	<5	0.16	<1	5	11	<1	1.48	<10	0.23	323	<1	0.17	3	200	4	<5	<20	14	0.08	<10	22	<10	10	24
80	SX09027-201	<0.2	0.23	<5	65	<5	0.46	<1	4	67	4	1.22	<10	0.12	117	134	0.02	5	90	2	<5	<20	9	<0.01	<10	2	<10	2	19
81	SX09027-202	<0.2	0.22	<5	60	<5	0.28	<1	7	75	7	1.05	<10	0.10	91	83	0.02	5	140	4	<5	<20	5	<0.01	<10	2	<10	2	26
82	SX09027-203	<0.2	0.22	<5	50	<5	0.18	<1	3	78	4	0.97	<10	0.07	77	126	0.02	5	130	<2	<5	<20	3	<0.01	<10	2	<10	2	16
83	SX09027-204	<0.2	0.30	<5	55	<5	0.54	<1	2	104	5	0.81	<10	0.23	153	200	0.02	5	150	<2	<5	<20	9	<0.01	<10	4	<10	3	18
84	SX09027-205	<0.2	0.33	<5	30	10	0.82	<1	3	116	6	1.24	<10	0.34	203	66	0.02	5	170	8	<5	<20	16	<0.01	<10	4	<10	3	31
85	SX09027-206	<0.2	0.30	<5	75	5	0.47	2	4	106	7	0.78	<10	0.24	141	188	0.02	5	190	6	<5	<20	15	<0.01	<10	3	<10	3	310
86	SX09027-207	<0.2	0.35	<5	30	<5	1.28	1	9	121	80	2.68	<10	0.65	291	46	0.03	7	110	4	<5	<20	23	<0.01	<10	4	<10	3	40
87	SX09027-208	<0.2	0.21	<5	25	<5	0.54	<1	6	135	42	2.03	<10	0.19	139	475	0.02	7	100	6	<5	<20	14	<0.01	<10	3	<10	3	18
88	SX09027-209	<0.2	0.21	<5	25	<5	0.22	1	12	94	53	3.56	<10	0.10	90	405	0.03	7	120	<2	<5	<20	8	<0.01	<10	4	<10	2	26
89	SX09027-210	<0.2	0.24	<5	40	<5	0.18	<1	3	103	8	1.15	<10	0.10	66	33	0.02	6	90	<2	<5	<20	7	<0.01	<10	3	<10	2	9
90	SX09027-210S	25.1	0.29	25	85	<5	0.97	<1	1	68	>10000	1.01	<10	0.06	193	397	0.03	3	230	<2	45	<20	133	<0.01	<10	10	<10	2	24
91	SX09027-211	<0.2	0.39	<5	35	30	1.18	1	6	139	24	2.45	<10	0.65	315	141	0.03	8	60	28	<5	<20	34	0.01	<10	6	<10	4	69
92	SX09027-212	<0.2	0.44	<5	70	5	1.07	<1	1	113	3	0.76	<10	0.13	111	6	0.02	4	330	10	<5	<20	32	<0.01	<10	4	<10	7	28
93	SX09027-213	<0.2	0.42	<5	35	10	1.73	1	4	121	12	1.88	<10	0.86	504	69	0.02	7	70	4	<5	<20	26	0.02	<10	6	<10	6	193
94	SX09027-214	<0.2	0.29	<5	30	30	1.24	1	6	126	16	2.79	<10	0.62	352	57	0.02	7	70	22	<5	<20	34	<0.01	<10	4	<10	4	117
95	SX09027-215	<0.2	0.28	<5	55	<5	1.22	<1	4	146	14	1.54	<10	0.54	341	69	0.02	7	70	4	<5	<20	32	<0.01	<10	4	<10	4	55
96	SX09027-216	<0.2	0.31	<5	50	50	0.84	2	3	113	17	1.08	<10	0.16	149	169	0.02	4	270	50	<5	<20	26	<0.01	<10	5	<10	6	307
97	SX09027-217	<0.2	0.33	<5	45	10	0.67	1	3	135	4	1.35	<10	0.09	70	76	0.03	5	290	12	<5	<20	18	<0.01	<10	4	<10	6	192
98	SX09027-218	<0.2	0.68	<5	100	<5	1.06	<1	1	117	2	1.17	20	0.30	138	52	0.02	4	320	8	<5	<20	17	<0.01	<10	7	<10	8	21
99	SX09027-219	<0.2	0.27	<5	50	5	0.37	1	3	108	6	1.24	<10	0.14	122	121	0.02	7	150	6	<5	<20	10	<0.01	<10	3	<10	3	184
100	SX09027-220	<0.2	0.42	<5	45	<5	0.51	<1	3	106	17	1.33	<10	0.35	162	328	0.02	7	130	<2	<5	<20	10	0.01	<10	4	<10	4	19
101	SX09027-221	<0.2	0.48	<5	35	<5	0.59	<1	4	145	14	1.74	<10	0.33	197	359	0.02	8	100	4	<5	<20	12	0.02	<10	6	<10	6	45
102	SX09027-222	<0.2	0.26	<5	30	5	0.24	3	3	95	7	1.41	<10	0.08	92	183	0.02	5	130	8	<5	<20	8	<0.01	<10	3	<10	2	478
103	SX09027-223	<0.2	0.29	<5	50	<5	0.61	<1	5	135	9	1.32	<10	0.19	156	172	0.03	5	160	4	<5	<20	16	<0.01	<10	4	<10	4	31
104	SX09027-224	<0.2	0.26	<5	50	<5	0.38	<1	3	91	11	0.86	<10	0.17	98	137	0.03	4	130	<2	<5	<20	9	<0.01	<10	3	<10	2	10
105	SX09027-225	<0.2	0.29	<5	50	<5	0.40	<1	5	146	11	1.25	<10	0.17	111	82	0.02	6	180	<2	<5	<20	12	<0.01	<10	3	<10	3	8

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	SX09027-226	<0.2	0.36	<5	45	<5	0.39	<1	5	105	12	1.76	<10	0.25	98	373	0.02	7	60	<2	<5	<20	10	<0.01	<10	4	<10	2	11
107	SX09027-227	<0.2	0.21	<5	50	<5	0.07	<1	1	166	8	0.91	<10	0.02	30	979	0.02	6	50	<2	<5	<20	3	<0.01	<10	4	<10	2	10
108	SX09027-228	<0.2	0.09	<5	25	<5	0.31	<1	1	203	12	0.85	<10	0.12	80	193	0.02	5	20	<2	<5	<20	8	<0.01	<10	3	<10	1	8
109	SX09027-229	<0.2	0.25	<5	70	<5	0.47	<1	2	125	8	0.75	<10	0.17	78	485	0.02	4	50	<2	<5	<20	11	<0.01	<10	3	<10	2	5
110	SX09027-230	<0.2	0.15	<5	40	<5	0.03	<1	9	194	6	1.52	<10	0.01	24	947	0.02	5	40	<2	<5	<20	2	<0.01	<10	3	<10	1	<1
111	SX09027-241	<0.2	0.11	<5	40	<5	0.04	<1	3	181	9	0.71	<10	<0.01	20	129	0.02	4	50	<2	<5	<20	1	<0.01	<10	2	<10	1	10
112	SX09027-242	<0.2	0.60	<5	35	<5	0.30	<1	7	190	21	2.55	<10	0.63	179	164	0.03	6	40	2	<5	<20	11	0.03	10	8	<10	2	64
113	SX09027-243	<0.2	0.14	<5	45	<5	0.05	<1	2	149	7	0.64	<10	0.01	22	328	0.02	4	40	4	<5	<20	2	<0.01	<10	2	<10	1	8
114	SX09027-244	<0.2	0.13	<5	50	<5	0.02	<1	1	184	6	0.54	<10	<0.01	20	312	0.02	5	40	<2	<5	<20	2	<0.01	<10	2	<10	1	21
115	SX09027-245	<0.2	0.14	<5	80	<5	0.15	<1	3	167	6	0.65	<10	0.04	45	448	0.02	4	50	<2	<5	<20	6	<0.01	<10	2	<10	1	7
116	SX09027-245S	9.1	0.33	5	135	<5	0.88	<1	<1	101	4293	0.90	<10	0.08	251	797	0.04	3	340	<2	20	<20	258	<0.01	<10	10	<10	3	34
117	SX09027-246	<0.2	0.18	<5	85	<5	0.11	<1	2	168	8	0.65	<10	0.03	47	383	0.02	5	60	<2	<5	<20	5	<0.01	<10	3	<10	2	15
118	SX09027-247	<0.2	0.30	<5	40	<5	0.25	2	8	152	46	1.97	<10	0.20	92	400	0.02	5	100	<2	<5	<20	9	<0.01	<10	5	<10	2	293
119	SX09027-248	<0.2	0.23	<5	55	<5	0.25	<1	2	146	7	0.68	<10	0.08	63	324	0.02	4	60	<2	<5	<20	9	<0.01	<10	3	<10	2	20
120	SX09027-249	<0.2	0.22	<5	40	<5	0.13	1	8	141	7	1.13	<10	0.06	58	220	0.02	4	60	2	<5	<20	5	<0.01	<10	3	<10	2	156
121	SX09027-250	<0.2	0.26	<5	40	<5	0.12	<1	12	131	14	1.31	<10	0.03	35	409	0.02	5	70	<2	<5	<20	5	<0.01	<10	3	<10	2	35
122	SX09027-250B	<0.2	0.71	<5	175	<5	0.18	<1	5	11	<1	1.53	<10	0.23	344	<1	0.18	2	200	4	<5	<20	15	0.08	<10	22	<10	10	24
123	SX09027-251	<0.2	0.18	<5	45	<5	0.10	<1	2	132	7	0.67	<10	0.03	26	310	0.02	4	70	<2	<5	<20	4	<0.01	<10	2	<10	2	5
124	SX09027-252	<0.2	0.20	<5	45	<5	0.17	<1	3	160	10	0.96	<10	0.08	45	162	0.02	5	60	<2	<5	<20	6	<0.01	<10	3	<10	2	3
125	SX09027-253	<0.2	0.27	<5	40	<5	0.28	<1	4	145	11	1.55	<10	0.19	51	297	0.02	4	40	<2	<5	<20	6	<0.01	<10	4	<10	2	10
126	SX09027-254	<0.2	0.42	<5	35	<5	0.28	<1	12	182	35	2.37	<10	0.31	88	401	0.03	8	40	<2	<5	<20	9	0.01	<10	6	<10	3	16
127	SX09027-255	<0.2	0.24	<5	35	<5	0.21	<1	20	116	19	2.39	<10	0.12	81	239	0.03	8	170	<2	<5	<20	5	<0.01	<10	3	<10	2	6
128	SX09027-256	<0.2	0.47	<5	50	<5	0.82	<1	8	113	21	1.60	<10	0.41	176	213	0.02	9	290	<2	<5	<20	15	0.01	<10	5	<10	5	16
129	SX09027-257	<0.2	0.34	<5	45	<5	0.67	<1	9	111	21	1.82	<10	0.33	161	248	0.02	8	120	<2	<5	<20	15	<0.01	<10	4	<10	3	17
130	SX09027-258	<0.2	0.31	<5	60	<5	0.23	<1	7	95	23	1.39	10	0.20	115	17	0.02	7	170	2	<5	<20	6	<0.01	<10	3	<10	2	13
131	SX09027-259	<0.2	0.28	<5	40	<5	0.40	<1	3	85	15	0.88	10	0.15	111	116	0.02	5	200	<2	<5	<20	9	<0.01	<10	3	<10	3	8
132	SX09027-260	0.2	0.33	<5	15	5	0.46	2	8	116	14	6.19	<10	0.19	127	1459	0.04	8	60	16	<5	<20	10	<0.01	<10	4	<10	2	62
133	SX09027-261	<0.2	0.24	<5	25	<5	0.45	1	9	105	25	2.98	<10	0.21	106	309	0.03	8	320	4	<5	<20	16	<0.01	<10	3	<10	3	23
134	SX09027-262	<0.2	0.30	<5	35	<5	0.68	1	10	143	46	2.87	<10	0.44	144	47	0.03	8	170	<2	<5	<20	19	<0.01	<10	4	<10	3	20
135	SX09027-263	<0.2	0.24	<5	45	<5	0.71	1	5	111	13	1.72	<10	0.26	335	172	0.02	7	90	4	<5	<20	21	<0.01	<10	3	<10	2	131
136	SX09027-264	<0.2	0.24	<5	30	<5	0.42	<1	11	115	18	2.66	<10	0.20	104	191	0.02	7	80	<2	<5	<20	20	<0.01	<10	2	<10	2	9
137	SX09027-265	<0.2	0.26	<5	35	<5	0.43	<1	3	126	12	1.73	<10	0.13	141	209	0.02	6	70	<2	<5	<20	16	<0.01	<10	3	<10	2	12
138	SX09027-266	<0.2	0.28	<5	45	40	0.51	<1	2	111	17	1.05	<10	0.12	175	231	0.02	6	130	38	<5	<20	14	<0.01	<10	3	<10	3	69
139	SX09027-267	<0.2	0.20	<5	30	<5	0.49	<1	7	105	12	2.77	<10	0.13	133	598	0.03	5	90	<2	<5	<20	16	<0.01	<10	3	<10	2	13
140	SX09027-268	<0.2	0.27	<5	25	5	0.90	1	8	102	23	3.22	<10	0.58	450	653	0.03	7	160	4	<5	<20	32	<0.01	<10	3	<10	3	33
141	SX09027-269	<0.2	0.25	<5	85	<5	0.53	<1	5	65	12	0.92	<10	0.20	137	87	0.02	5	120	<2	<5	<20	25	<0.01	<10	2	<10	2	15
142	SX09027-270	<0.2	0.27	<5	15	5	0.44	2	14	95	23	5.20	<10	0.32	123	82	0.04	7	50	4	<5	<20	21	<0.01	<10	4	<10	1	36
143	SX09027-271	<0.2	0.12	<5	40	10	0.21	1	4	180	16	2.95	<10	0.10	68	8536	0.03	7	30	<2	<5	<20	9	<0.01	<10	5	<10	2	6
144	SX09027-272	<0.2	0.25	<5	30	<5	0.57	1	14	100	29	3.37	<10	0.25	132	2958	0.03	9	100	<2	<5	<20	21	<0.01	<10	6	<10	2	16
145	SX09027-273	0.2	0.59	<5	20	<5	3.63	4	43	44	90	6.10	<10	2.57	725	135	0.04	31	1230	4	<5	<20	62	0.02	<10	37	<10	6	113

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
146	SX09027-274	0.4	0.48	<5	20	<5	2.18	4	27	48	281	7.49	<10	2.35	601	697	0.05	35	1190	<2	<5	<20	49	0.01	<10	33	<10	6	98
147	SX09027-275	<0.2	0.29	<5	40	<5	0.54	<1	5	123	99	2.19	<10	0.40	136	749	0.02	10	130	<2	<5	<20	24	<0.01	<10	7	<10	2	24
148	SX09027-276	<0.2	0.26	<5	30	15	1.80	1	17	90	37	2.88	<10	0.91	316	251	0.03	13	340	8	<5	<20	52	<0.01	<10	7	<10	3	56
149	SX09027-277	<0.2	0.22	<5	20	15	0.42	1	4	122	10	3.55	<10	0.21	103	258	0.03	6	60	10	<5	<20	20	<0.01	<10	3	<10	2	14
QC DATA:																													
Repeat:																													
1	SX09027-126	<0.2	0.50	<5	45	<5	0.73	<1	6	125	25	1.54	<10	0.39	310	67	0.02	7	90	4	<5	<20	10	0.01	<10	6	<10	5	16
10	SX09027-135	<0.2	0.16	<5	65	5	0.21	<1	4	130	20	1.04	<10	0.08	64	544	0.02	6	40	2	<5	<20	6	<0.01	<10	3	<10	2	52
19	SX09027-143	<0.2	0.27	<5	50	10	0.35	<1	2	135	7	1.41	<10	0.23	120	1277	0.02	5	40	4	<5	<20	13	<0.01	<10	5	<10	2	72
36	SX09027-159	<0.2	0.30	<5	30	5	0.64	<1	3	169	11	1.13	<10	0.41	146	277	0.02	6	50	2	<5	<20	9	<0.01	<10	4	<10	3	14
45	SX09027-168	<0.2	0.25	<5	35	15	0.69	2	7	99	13	1.32	<10	0.31	250	307	0.02	6	140	8	<5	<20	17	<0.01	<10	3	<10	3	248
54	SX09027-176	<0.2	0.24	<5	45	5	0.13	<1	4	67	3	1.20	<10	0.15	98	84	0.02	5	100	4	<5	<20	6	<0.01	<10	2	<10	2	13
71	SX09027-193	<0.2	0.15	<5	55	10	0.25	<1	2	119	7	0.68	<10	0.10	81	166	0.02	4	40	10	<5	<20	9	<0.01	<10	2	<10	1	27
80	SX09027-201	<0.2	0.23	<5	60	<5	0.48	<1	4	67	3	1.28	<10	0.11	121	138	0.02	5	90	2	<5	<20	8	<0.01	<10	2	<10	2	20
89	SX09027-210	<0.2	0.24	<5	45	<5	0.18	<1	3	103	8	1.21	<10	0.09	68	35	0.02	6	90	<2	<5	<20	7	<0.01	<10	3	<10	2	20
106	SX09027-226	<0.2	0.35	<5	45	<5	0.38	<1	5	103	12	1.73	<10	0.25	96	373	0.02	7	60	<2	<5	<20	10	<0.01	<10	4	<10	2	9
115	SX09027-245	<0.2	0.14	<5	80	<5	0.15	<1	3	160	6	0.64	<10	0.04	44	436	0.02	4	50	<2	<5	<20	6	<0.01	<10	2	<10	2	10
124	SX09027-252	<0.2	0.20	<5	40	<5	0.17	<1	3	159	10	0.97	<10	0.09	44	163	0.02	5	60	<2	<5	<20	6	<0.01	<10	3	<10	1	7
141	SX09027-269	<0.2	0.26	<5	85	<5	0.53	<1	5	69	13	0.95	<10	0.21	142	84	0.02	5	120	2	<5	<20	26	<0.01	<10	3	<10	3	15
Resplit:																													
1	SX09027-126	<0.2	0.53	<5	40	<5	0.76	<1	7	114	30	1.55	<10	0.39	336	66	0.02	7	90	4	<5	<20	10	0.01	<10	6	<10	5	16
36	SX09027-159	<0.2	0.29	<5	30	<5	0.63	<1	3	149	10	1.18	<10	0.40	143	303	0.02	6	50	<2	<5	<20	9	<0.01	<10	4	<10	3	13
71	SX09027-193	<0.2	0.17	<5	60	10	0.26	<1	2	131	7	0.76	<10	0.09	83	185	0.02	4	40	12	<5	<20	9	<0.01	<10	2	<10	1	33
106	SX09027-226	<0.2	0.33	<5	45	<5	0.36	<1	5	114	12	1.59	<10	0.25	90	393	0.02	7	60	<2	<5	<20	10	<0.01	<10	4	<10	2	9
141	SX09027-269	<0.2	0.25	<5	75	<5	0.54	<1	5	71	12	0.90	<10	0.22	141	80	0.02	5	120	2	<5	<20	26	<0.01	<10	2	<10	3	15
Standard:																													
Pb129a		11.8	0.89	5	65	5	0.43	60	6	12	1429	1.55	<10	0.65	374	2	0.04	5	410	6216	15	<20	31	0.03	<10	21	<10	2	9942
Pb129a		12.0	0.86	5	65	5	0.43	61	6	12	1404	1.54	<10	0.67	364	2	0.04	5	420	6286	15	<20	30	0.03	<10	20	<10	2	9928
Pb129a		11.7	0.82	<5	70	<5	0.44	56	6	12	1356	1.66	<10	0.66	375	2	0.04	5	400	6140	15	<20	27	0.03	<10	18	<10	2	9912
Pb129a		11.6	0.83	5	70	<5	0.46	56	6	12	1450	1.61	<10	0.67	367	2	0.04	5	410	6204	15	<20	32	0.03	<10	20	<10	2	>10000
Pb129a		11.6	0.86	5	70	<5	0.44	55	6	11	1435	1.56	<10	0.66	356	2	0.04	5	400	6122	15	<20	32	0.03	<10	19	<10	2	9989

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

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df/2_871AS/1_871BS
XLS/09

30-Dec-09

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2009-0872

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

No. of samples received: 149
Sample Type: Core
Shipment #: SX09-002
Submitted by: B. Wallace

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	SX09027-278	<0.2	0.34	<5	50	<5	0.49	<1	2	51	4	0.64	10	0.23	134	166	0.01	3	80	4	<5	<20	19	<0.01	<10	3	<10	3	22
2	SX09027-279	<0.2	0.25	<5	20	5	0.62	<1	7	61	11	1.87	10	0.30	137	895	0.01	3	40	6	<5	<20	19	<0.01	<10	3	<10	3	25
3	SX09027-280	<0.2	0.32	<5	35	20	0.26	<1	12	57	22	1.30	<10	0.13	54	1749	0.01	3	40	18	<5	<20	12	<0.01	<10	4	<10	2	14
4	SX09027-280S	8.8	0.30	10	120	<5	0.78	<1	1	100	4291	0.83	<10	0.09	236	812	0.04	2	330	<2	20	<20	240	<0.01	<10	9	<10	2	32
5	SX09027-281	<0.2	0.24	<5	30	<5	0.31	2	3	53	11	1.09	<10	0.16	103	304	0.01	3	50	4	<5	<20	13	<0.01	<10	2	<10	2	235
6	SX09027-282	<0.2	0.24	<5	45	<5	0.26	<1	3	55	18	0.86	<10	0.14	42	277	0.01	3	40	<2	<5	<20	12	<0.01	<10	2	<10	2	11
7	SX09027-283	<0.2	0.29	<5	40	<5	0.33	<1	3	42	11	0.85	<10	0.20	46	498	0.01	3	40	<2	<5	<20	10	<0.01	<10	2	<10	2	8
8	SX09027-284	<0.2	0.29	<5	25	<5	0.20	<1	2	40	6	0.74	<10	0.19	41	44	0.01	2	40	<2	<5	<20	7	<0.01	<10	2	<10	2	7
9	SX09027-285	<0.2	0.16	<5	5	<5	0.13	<1	6	108	85	3.58	<10	0.25	76	231	0.02	4	30	4	<5	<20	6	<0.01	<10	2	<10	2	7
10	SX09027-286	<0.2	0.29	<5	10	<5	0.03	2	13	79	62	6.92	<10	0.15	107	1053	0.02	4	30	10	<5	<20	2	<0.01	<10	7	<10	<1	24
11	SX09027-287	<0.2	0.26	<5	30	<5	0.36	<1	5	72	11	2.47	<10	0.17	137	284	0.01	3	30	6	<5	<20	10	<0.01	<10	3	<10	2	47
12	SX09027-288	<0.2	0.37	<5	45	<5	1.14	<1	1	49	3	0.74	<10	0.28	112	64	0.01	2	40	2	<5	<20	15	<0.01	<10	3	<10	2	21
13	SX09027-289	<0.2	0.26	<5	10	<5	0.40	2	16	57	119	5.03	<10	0.18	83	193	0.02	4	30	6	<5	<20	14	<0.01	<10	3	<10	1	94
14	SX09027-290	<0.2	0.27	<5	30	30	0.19	<1	6	50	60	1.38	<10	0.11	45	213	0.01	3	40	26	<5	<20	8	<0.01	<10	3	<10	2	20
15	SX09027-291	<0.2	0.22	<5	10	50	0.33	6	26	55	354	4.99	<10	0.07	82	427	0.02	5	40	50	<5	<20	11	<0.01	<10	4	<10	2	822
16	SX09027-292	<0.2	0.31	<5	85	<5	0.67	<1	3	78	6	0.67	10	0.10	74	1290	0.02	4	350	4	<5	<20	43	<0.01	<10	5	<10	6	96
17	SX09027-293	<0.2	0.25	<5	105	<5	0.95	<1	4	61	5	0.72	10	0.16	86	127	0.03	3	360	8	<5	<20	128	<0.01	<10	3	<10	5	10
18	SX09027-294	<0.2	0.24	<5	85	<5	0.78	<1	3	69	5	0.72	<10	0.09	95	151	0.02	3	330	4	<5	<20	54	<0.01	<10	3	<10	5	80
19	SX09027-295	<0.2	0.26	<5	50	<5	0.60	<1	4	68	6	1.14	<10	0.09	74	257	0.02	4	320	4	<5	<20	34	<0.01	<10	3	<10	4	35
20	SX09027-296	<0.2	0.27	<5	55	<5	0.37	1	3	85	5	0.84	<10	0.05	48	258	0.02	4	290	8	<5	<20	21	<0.01	<10	3	<10	5	223
21	SX09027-297	<0.2	0.30	<5	80	<5	0.97	2	3	77	7	0.66	<10	0.07	95	177	0.02	4	370	8	<5	<20	48	<0.01	<10	3	<10	5	293
22	SX09027-298	<0.2	0.32	<5	25	75	0.40	<1	9	92	27	2.36	<10	0.05	39	1619	0.02	5	280	62	<5	<20	15	<0.01	10	5	<10	5	58
23	SX09027-299	<0.2	0.25	<5	20	<5	0.44	1	13	58	8	2.30	<10	0.04	47	211	0.02	3	300	4	<5	<20	16	<0.01	<10	3	<10	4	83
24	SX09027-300	0.2	0.23	<5	30	130	0.24	1	5	53	51	1.39	<10	0.09	54	96	0.01	3	120	110	<5	<20	9	<0.01	<10	2	<10	2	136
25	SX09027-300B	<0.2	0.78	<5	180	<5	0.18	<1	4	9	<1	1.36	<10	0.25	318	2	0.21	3	200	10	<5	<20	16	0.08	<10	21	<10	10	24

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
26	SX09027-301	<0.2	0.23	<5	60	<5	0.51	<1	2	37	6	1.01	<10	0.14	69	655	0.01	2	60	<2	<5	<20	14	<0.01	<10	2	<10	8	9
27	SX09027-302	<0.2	0.27	<5	85	<5	0.70	<1	<1	48	3	0.56	<10	0.29	125	305	0.01	2	40	4	<5	<20	22	<0.01	<10	3	<10	2	16
28	SX09027-303	<0.2	0.24	<5	35	<5	0.40	<1	8	40	33	1.74	<10	0.18	44	123	0.01	3	30	8	<5	<20	7	<0.01	<10	2	<10	1	8
29	SX09027-304	<0.2	0.32	<5	35	<5	0.42	<1	2	59	13	1.06	<10	0.28	51	106	0.01	3	40	4	<5	<20	9	<0.01	<10	2	<10	2	8
30	SX09027-305	<0.2	0.22	<5	25	<5	0.25	<1	3	46	9	0.78	<10	0.10	45	665	0.01	2	30	<2	<5	<20	7	<0.01	<10	3	<10	2	5
31	SX09027-306	<0.2	0.21	<5	40	<5	0.08	<1	<1	75	4	0.35	<10	0.05	31	164	0.01	2	40	<2	<5	<20	2	<0.01	<10	2	<10	2	7
32	SX09027-307	<0.2	0.25	<5	25	<5	0.16	<1	4	32	9	2.08	<10	0.06	34	539	0.02	2	30	8	<5	<20	6	<0.01	<10	2	<10	1	7
33	SX09027-308	<0.2	0.28	<5	65	<5	0.42	<1	2	41	6	0.49	<10	0.20	61	123	0.01	2	40	8	<5	<20	15	<0.01	<10	2	<10	2	8
34	SX09027-309	<0.2	0.29	<5	50	<5	0.50	<1	4	43	7	0.55	<10	0.28	76	129	0.01	3	50	<2	<5	<20	21	<0.01	<10	2	<10	2	9
35	SX09027-310	<0.2	0.26	<5	30	<5	0.38	<1	4	51	4	1.60	<10	0.04	58	249	0.02	3	350	6	<5	<20	13	<0.01	<10	3	<10	5	74
36	SX09027-311	<0.2	0.27	<5	35	<5	0.41	<1	2	41	4	0.85	<10	0.19	108	669	0.02	3	50	8	<5	<20	15	<0.01	<10	3	<10	2	28
37	SX09027-312	<0.2	0.30	<5	35	<5	0.48	<1	4	42	13	1.22	<10	0.27	114	135	0.02	3	40	2	<5	<20	18	<0.01	<10	3	<10	2	22
38	SX09027-313	<0.2	0.19	<5	25	<5	0.11	1	7	98	6	2.06	<10	0.03	25	135	0.02	4	200	6	<5	<20	4	<0.01	<10	3	<10	4	148
39	SX09027-314	<0.2	0.30	<5	65	<5	0.77	<1	4	43	12	0.80	10	0.10	60	306	0.02	2	420	6	<5	<20	34	<0.01	<10	3	<10	6	85
40	SX09027-315	<0.2	0.27	<5	20	15	0.25	1	7	68	8	1.85	<10	0.05	41	803	0.02	4	260	18	<5	<20	10	<0.01	<10	4	<10	5	89
41	SX09027-315S	9.1	0.33	10	120	<5	0.79	<1	1	99	4268	0.81	<10	0.09	235	832	0.04	3	310	<2	20	<20	220	<0.01	<10	10	<10	3	34
42	SX09027-316	<0.2	0.28	<5	40	80	0.83	<1	6	52	27	1.37	<10	0.37	167	93	0.02	3	50	72	<5	<20	29	<0.01	<10	3	<10	4	18
43	SX09027-317	<0.2	0.29	<5	55	<5	0.79	<1	5	73	18	1.13	<10	0.08	82	201	0.02	4	310	8	<5	<20	33	<0.01	<10	3	<10	5	47
44	SX09027-318	<0.2	0.25	<5	15	15	0.75	6	9	70	21	2.28	<10	0.04	80	400	0.02	4	270	20	<5	<20	32	<0.01	<10	2	<10	5	766
45	SX09027-319	<0.2	0.24	10	50	<5	0.37	1	8	62	15	1.32	<10	0.18	94	5331	0.02	4	50	2	<5	<20	12	<0.01	<10	5	<10	4	93
46	SX09027-320	<0.2	0.37	<5	55	<5	0.23	<1	7	28	12	0.81	<10	0.10	79	178	0.02	5	130	4	<5	<20	11	<0.01	<10	4	<10	3	21
47	SX09027-321	<0.2	0.39	<5	35	10	0.68	<1	10	58	34	1.79	<10	0.32	163	563	0.02	6	60	10	<5	<20	17	<0.01	<10	4	<10	4	18
48	SX09027-322	<0.2	0.33	<5	50	5	0.78	<1	8	38	17	1.37	<10	0.27	221	265	0.02	5	90	8	<5	<20	32	<0.01	<10	3	<10	4	22
49	SX09027-323	<0.2	0.29	<5	70	<5	0.88	<1	4	92	15	0.86	<10	0.07	114	473	0.02	5	260	10	<5	<20	44	<0.01	<10	3	<10	5	56
50	SX09027-324	<0.2	0.31	<5	50	<5	0.26	<1	5	35	16	0.96	<10	0.10	112	527	0.02	4	90	2	<5	<20	12	<0.01	<10	3	<10	3	8
51	SX09027-325	<0.2	0.33	<5	65	<5	0.35	<1	4	48	6	0.74	<10	0.21	106	208	0.02	5	110	4	<5	<20	10	<0.01	<10	3	<10	3	9
52	SX09027-326	<0.2	0.30	<5	60	<5	0.45	<1	6	33	14	0.88	<10	0.19	90	137	0.02	5	80	4	<5	<20	15	<0.01	<10	2	<10	2	7
53	SX09027-327	<0.2	0.37	<5	45	<5	0.37	<1	8	47	18	1.20	<10	0.13	117	228	0.02	5	70	4	<5	<20	12	<0.01	<10	3	<10	3	14
54	SX09027-328	<0.2	0.37	<5	25	<5	0.54	<1	12	28	50	2.13	<10	0.25	125	471	0.02	4	90	6	<5	<20	16	<0.01	<10	3	<10	3	15
55	SX09027-329	<0.2	0.20	<5	55	<5	0.65	<1	4	64	24	1.03	<10	0.25	156	151	0.02	3	50	4	<5	<20	18	<0.01	<10	2	<10	3	10
56	SX09027-330	<0.2	0.19	<5	40	<5	0.26	<1	10	61	22	1.05	<10	0.04	64	163	0.02	3	40	6	<5	<20	6	<0.01	<10	2	<10	1	14
57	SX09027-331	<0.2	0.20	<5	40	<5	0.26	3	4	82	10	0.72	<10	0.08	97	734	0.02	3	40	70	<5	<20	7	<0.01	<10	3	<10	2	318
58	SX09027-332	<0.2	0.23	<5	65	<5	0.05	1	2	65	8	0.42	<10	0.03	31	259	0.02	2	40	38	<5	<20	3	<0.01	<10	2	<10	1	118
59	SX09027-333	<0.2	0.31	<5	65	<5	0.09	<1	3	53	5	0.61	<10	0.04	44	386	0.02	3	40	14	<5	<20	3	<0.01	<10	3	<10	2	56
60	SX09027-334	<0.2	0.24	<5	20	10	0.02	<1	8	70	27	1.65	<10	0.02	16	870	0.02	3	30	12	<5	<20	<1	<0.01	<10	3	<10	2	20
61	SX09027-335	<0.2	0.22	<5	75	<5	0.09	<1	2	69	5	0.46	<10	0.04	59	418	0.02	3	40	16	<5	<20	3	<0.01	<10	2	<10	1	37
62	SX09027-336	<0.2	0.21	<5	25	<5	0.06	1	21	87	10	1.89	<10	0.03	35	513	0.02	4	40	24	<5	<20	2	<0.01	<10	3	<10	1	56
63	SX09027-337	2.4	0.24	<5	45	5	0.16	1	4	79	17	1.12	<10	0.07	55	223	0.02	4	70	322	<5	<20	4	<0.01	<10	3	<10	2	73
64	SX09027-338	>30	0.17	<5	25	85	0.09	123	5	100	340	1.36	<10	0.05	35	355	0.02	5	30	9876	10	<20	4	<0.01	<10	3	<10	1	>10000
65	SX09027-339	0.6	0.22	<5	50	50	0.35	3	9	56	39	0.99	<10	0.13	88	186	0.02	3	40	246	<5	<20	13	<0.01	<10	2	<10	2	274

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
66	SX09027-340	<0.2	0.32	<5	60	<5	0.20	<1	6	32	15	0.76	<10	0.09	51	85	0.02	5	130	24	<5	<20	10	<0.01	<10	3	<10	3	34
67	SX09027-341	<0.2	0.33	<5	70	<5	0.30	<1	5	44	6	0.70	<10	0.14	77	216	0.02	6	110	6	<5	<20	11	<0.01	<10	4	<10	3	9
68	SX09027-342	<0.2	0.36	<5	65	<5	0.54	<1	12	38	21	0.88	<10	0.20	74	121	0.02	6	100	6	<5	<20	41	<0.01	<10	4	<10	3	10
69	SX09027-343	<0.2	0.41	<5	40	<5	0.54	<1	11	47	30	1.49	<10	0.29	76	163	0.02	6	80	6	<5	<20	9	<0.01	<10	4	<10	3	8
70	SX09027-344	<0.2	0.46	<5	25	<5	0.83	1	13	40	98	2.57	<10	0.44	101	98	0.02	7	70	6	<5	<20	14	<0.01	<10	4	<10	4	13
71	SX09027-345	<0.2	0.26	<5	65	<5	0.49	<1	5	71	26	1.07	<10	0.20	90	146	0.01	5	70	10	<5	<20	9	<0.01	<10	3	<10	3	17
72	SX09027-346	<0.2	0.24	<5	60	<5	0.23	<1	5	70	17	0.90	<10	0.10	66	207	0.01	5	70	10	<5	<20	8	<0.01	<10	3	<10	3	18
73	SX09027-347	<0.2	0.26	<5	80	<5	0.28	<1	4	54	9	0.62	<10	0.13	51	125	0.01	5	130	12	<5	<20	9	<0.01	<10	2	<10	3	28
74	SX09027-348	<0.2	0.25	<5	120	<5	0.62	<1	6	65	12	0.80	<10	0.24	97	289	0.01	5	140	50	<5	<20	12	<0.01	<10	3	<10	3	70
75	SX09027-349	<0.2	0.38	<5	45	<5	0.68	2	5	74	32	1.00	<10	0.34	84	94	0.01	3	40	8	<5	<20	13	<0.01	<10	4	<10	3	162
76	SX09027-349B	<0.2	0.81	<5	185	<5	0.17	<1	5	10	1	1.29	<10	0.23	337	<1	0.19	3	190	12	<5	<20	13	0.09	<10	24	<10	12	22
77	SX09027-350	<0.2	0.23	<5	25	<5	0.91	1	12	85	97	2.33	<10	0.41	113	149	0.01	5	50	6	<5	<20	22	<0.01	<10	3	<10	3	21
78	SX09027-350S	8.6	0.33	10	135	<5	0.82	<1	1	99	4331	0.74	<10	0.08	258	832	0.04	3	290	6	20	<20	191	<0.01	<10	10	<10	3	32
79	SX09027-351	<0.2	0.16	<5	40	<5	0.21	<1	5	104	31	0.81	<10	0.05	60	385	0.01	3	40	<2	<5	<20	6	<0.01	<10	2	<10	2	5
80	SX09027-352	<0.2	0.16	<5	30	<5	0.31	<1	13	100	19	1.66	<10	0.11	72	253	0.01	4	30	4	<5	<20	11	<0.01	<10	2	<10	1	16
81	SX09027-353	<0.2	0.19	<5	20	<5	0.61	1	12	118	37	2.59	<10	0.24	119	143	0.01	5	60	6	<5	<20	22	<0.01	<10	3	<10	2	29
82	SX09027-354	<0.2	0.14	<5	10	<5	0.39	2	16	83	19	5.47	<10	0.16	103	546	0.02	6	30	10	<5	<20	12	<0.01	<10	3	<10	2	23
83	SX09027-355	<0.2	0.80	<5	25	<5	2.07	3	43	78	105	6.28	<10	1.56	371	564	0.03	21	420	10	<5	<20	50	0.05	<10	45	<10	7	62
84	SX09027-356	0.2	2.83	<5	75	<5	2.97	4	62	49	132	6.00	<10	2.74	915	96	0.02	39	1220	16	<5	<20	60	0.23	40	166	<10	9	131
85	SX09027-357	0.2	3.22	<5	70	<5	2.99	4	39	55	61	5.92	<10	2.62	1070	5	0.02	44	1120	16	<5	<20	55	0.24	10	178	<10	5	139
86	SX09027-358	<0.2	3.22	<5	50	<5	1.55	3	55	49	116	9.21	<10	2.60	173	55	0.02	44	1180	14	<5	<20	15	0.26	<10	136	<10	4	134
87	SX09027-359	<0.2	3.24	<5	50	<5	1.25	3	36	56	55	5.41	<10	2.61	691	11	0.03	37	1220	14	<5	<20	10	0.21	10	179	<10	4	118
88	SX09027-360	<0.2	2.48	<5	25	<5	1.20	3	34	47	39	4.48	<10	1.94	622	<1	0.04	35	1180	12	<5	<20	10	0.18	<10	133	<10	4	91
89	SX09027-361	<0.2	2.36	<5	35	<5	1.21	3	33	54	57	5.21	<10	1.90	618	5	0.05	39	1190	14	<5	<20	10	0.20	10	150	<10	5	104
90	SX09027-362	0.4	2.52	<5	25	<5	1.45	3	37	58	246	6.79	<10	2.13	603	12	0.04	45	960	14	<5	<20	13	0.19	<10	140	<10	4	93
91	SX09027-363	<0.2	2.71	<5	35	<5	1.47	3	37	63	86	5.85	<10	2.32	709	17	0.03	48	1020	14	<5	<20	12	0.19	<10	148	<10	4	98
92	SX09027-364	0.2	2.82	<5	50	<5	2.86	3	47	50	112	7.23	<10	2.57	992	28	0.03	40	1110	16	<5	<20	40	0.21	<10	178	<10	5	141
93	SX09027-365	<0.2	0.18	<5	25	<5	0.68	<1	6	105	43	1.43	<10	0.06	191	503	0.02	6	40	4	<5	<20	43	<0.01	<10	4	<10	6	7
94	SX09027-366	<0.2	0.19	<5	20	<5	0.24	<1	6	68	22	1.02	<10	0.07	64	206	0.01	4	70	<2	<5	<20	9	<0.01	<10	2	<10	2	7
95	SX09027-367	<0.2	0.23	<5	45	<5	0.34	<1	7	77	54	1.72	<10	0.15	73	640	0.01	5	70	<2	<5	<20	9	<0.01	<10	3	<10	2	11
96	SX09027-368	<0.2	0.16	<5	30	<5	0.23	<1	12	61	82	2.62	<10	0.07	15	497	0.01	4	50	<2	<5	<20	6	<0.01	<10	2	<10	2	8
97	SX09027-369	<0.2	0.24	<5	30	<5	0.20	<1	10	79	27	2.00	<10	0.11	49	340	0.01	5	50	4	<5	<20	7	<0.01	<10	3	<10	2	7
98	SX09027-370	<0.2	0.23	<5	25	<5	0.25	1	17	60	59	3.42	<10	0.11	45	209	0.02	8	90	4	<5	<20	9	<0.01	<10	3	<10	2	7
99	SX09027-371	0.2	2.30	<5	45	<5	1.46	3	63	64	238	8.08	<10	2.10	365	94	0.03	38	870	12	<5	<20	21	0.15	<10	136	<10	7	84
100	SX09027-372	0.2	3.01	<5	45	<5	1.27	4	44	52	211	8.33	<10	2.73	498	62	0.03	43	1150	14	<5	<20	15	0.17	<10	156	<10	6	97
101	SX09027-373	0.4	2.67	<5	20	<5	1.18	4	50	57	444	8.55	<10	2.55	556	11	0.03	56	1100	14	<5	<20	16	0.14	<10	128	<10	5	89
102	SX09027-374	0.4	3.05	<5	45	<5	2.40	3	61	58	203	8.68	<10	2.71	595	59	0.04	45	1210	16	<5	<20	31	0.19	<10	188	<10	6	108
103	SX09027-375	0.6	2.84	<5	50	<5	2.11	4	33	51	495	9.28	<10	2.74	754	61	0.03	41	1170	14	<5	<20	48	0.19	<10	160	<10	7	124
104	SX09027-376	0.2	0.27	<5	20	<5	0.55	2	44	68	152	5.60	<10	0.24	140	311	0.02	12	90	4	<5	<20	13	<0.01	<10	9	<10	3	16
105	SX09027-377	<0.2	0.42	<5	25	<5	0.73	<1	11	69	61	2.27	<10	0.43	95	286	0.02	6	80	2	<5	<20	10	0.01	<10	5	<10	3	25

Stewart Group
ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYSIS AK 2009-0872

BOOTLEG EXPLORATION INC.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
106	SX09027-378	<0.2	0.32	<5	35	<5	0.41	<1	9	41	10	1.30	<10	0.17	40	74	0.02	4	110	<2	<5	<20	8	<0.01	<10	3	<10	2	4
107	SX09027-379	<0.2	0.23	<5	25	<5	0.49	<1	10	42	11	1.62	<10	0.19	53	280	0.02	4	90	<2	<5	<20	9	<0.01	<10	2	<10	2	4
108	SX09027-380	<0.2	0.37	<5	30	<5	0.56	<1	5	36	28	1.29	<10	0.26	75	366	0.02	5	80	4	<5	<20	11	0.01	<10	4	<10	3	9
109	SX09027-381	<0.2	0.26	<5	30	<5	0.65	<1	5	39	17	0.88	<10	0.22	69	123	0.02	4	150	<2	<5	<20	12	<0.01	<10	2	<10	3	5
110	SX09027-382	<0.2	0.26	<5	35	<5	0.65	<1	3	30	6	0.73	<10	0.24	72	105	0.01	3	140	2	<5	<20	11	<0.01	<10	2	<10	3	5
111	SX09027-383	<0.2	0.27	<5	25	<5	0.56	<1	7	33	38	1.25	<10	0.23	71	86	0.02	5	110	2	<5	<20	12	<0.01	<10	3	<10	2	16
112	SX09027-384	<0.2	0.24	<5	20	<5	0.83	<1	7	28	32	1.25	<10	0.27	90	75	0.02	5	150	<2	<5	<20	14	<0.01	<10	2	<10	3	8
113	SX09027-385	<0.2	0.22	<5	25	<5	0.98	<1	5	71	22	0.88	<10	0.30	94	76	0.01	4	80	<2	<5	<20	21	<0.01	<10	3	<10	3	8
114	SX09027-385S	24.6	0.29	25	80	<5	0.94	<1	1	70	>10000	1.03	<10	0.06	193	386	0.03	3	220	<2	40	<20	129	<0.01	<10	10	<10	2	24
115	SX09027-386	<0.2	0.26	<5	20	<5	0.65	<1	10	36	33	1.29	<10	0.21	62	201	0.02	5	110	<2	<5	<20	15	<0.01	<10	2	<10	3	6
116	SX09027-387	<0.2	0.28	<5	30	<5	0.87	<1	9	38	17	1.63	<10	0.43	116	152	0.02	6	70	<2	<5	<20	17	<0.01	<10	3	<10	3	12
117	SX09027-388	<0.2	0.40	<5	20	<5	0.35	<1	15	39	25	2.53	<10	0.34	68	338	0.02	4	60	<2	<5	<20	11	0.01	<10	5	<10	2	22
118	SX09027-389	<0.2	0.27	<5	30	<5	0.36	<1	8	66	9	1.71	<10	0.18	72	287	0.02	3	50	<2	<5	<20	8	<0.01	<10	3	<10	2	8
119	SX09027-390	<0.2	0.20	<5	20	<5	0.38	<1	14	46	11	2.00	<10	0.17	78	187	0.02	3	40	<2	<5	<20	12	<0.01	<10	2	<10	2	15
120	SX09027-391	<0.2	0.17	<5	25	<5	0.27	<1	5	54	10	1.18	<10	0.11	47	172	0.01	5	40	<2	<5	<20	10	<0.01	<10	2	<10	1	5
121	SX09027-392	<0.2	0.21	<5	35	<5	0.37	<1	2	58	10	0.55	<10	0.13	55	23	0.01	2	40	<2	<5	<20	10	<0.01	<10	2	<10	1	5
122	SX09027-393	<0.2	0.28	<5	85	<5	0.09	<1	3	20	8	0.54	<10	0.04	20	94	0.01	3	40	<2	<5	<20	5	<0.01	10	2	<10	2	2
123	SX09027-394	<0.2	0.28	<5	15	10	0.10	1	14	32	39	3.08	<10	0.05	15	1212	0.02	6	40	8	<5	<20	4	<0.01	<10	4	<10	2	18
124	SX09027-395	<0.2	0.26	<5	55	<5	0.14	<1	2	19	11	0.42	<10	0.06	48	113	0.01	3	40	<2	<5	<20	5	<0.01	<10	2	<10	2	3
125	SX09027-396	<0.2	0.26	<5	20	<5	0.09	<1	11	31	9	2.09	<10	0.03	28	101	0.02	4	50	<2	<5	<20	2	<0.01	<10	2	<10	1	3
126	SX09027-397	<0.2	0.30	<5	40	<5	0.04	<1	4	23	11	0.79	<10	0.03	16	156	0.02	3	50	<2	<5	<20	2	<0.01	10	2	<10	2	<1
127	SX09027-398	<0.2	0.25	<5	60	<5	0.04	<1	1	35	4	0.37	<10	0.02	15	391	0.01	2	40	<2	<5	<20	3	<0.01	<10	2	<10	1	<1
128	SX09027-399	<0.2	0.18	<5	40	<5	0.30	<1	4	55	4	0.94	<10	0.13	97	30	0.01	3	40	<2	<5	<20	9	<0.01	<10	2	<10	2	8
129	SX09027-400	<0.2	0.18	<5	35	<5	0.20	<1	3	51	2	0.56	<10	0.09	71	48	0.01	2	50	<2	<5	<20	6	<0.01	<10	2	<10	1	34
130	SX09027-400B	<0.2	0.75	<5	190	<5	0.16	<1	4	11	<1	1.46	<10	0.22	324	<1	0.19	2	190	8	<5	<20	12	0.08	<10	22	<10	10	23
131	SX09027-401	<0.2	0.20	<5	45	<5	0.43	<1	4	55	6	0.79	<10	0.17	72	103	0.01	3	40	<2	<5	<20	14	<0.01	<10	2	<10	2	11
132	SX09027-402	<0.2	0.23	<5	45	10	0.18	<1	4	52	11	0.90	<10	0.07	48	54	0.01	3	60	10	<5	<20	7	<0.01	<10	2	<10	1	31
133	SX09027-403	<0.2	0.22	<5	45	<5	0.62	<1	3	73	12	0.82	<10	0.23	82	27	0.01	3	50	<2	<5	<20	18	<0.01	<10	2	<10	2	12
134	SX09027-404	<0.2	0.23	<5	45	<5	0.06	<1	2	54	7	0.50	<10	0.03	14	288	0.01	2	40	2	<5	<20	3	<0.01	<10	2	<10	2	<1
135	SX09027-405	<0.2	0.41	<5	25	<5	0.36	<1	9	54	28	1.99	<10	0.27	53	273	0.02	6	40	<2	<5	<20	12	<0.01	<10	5	<10	3	16
136	SX09027-406	<0.2	0.34	<5	35	<5	0.63	<1	10	26	16	1.18	<10	0.32	95	136	0.02	6	80	<2	<5	<20	20	<0.01	<10	3	<10	3	14
137	SX09027-407	<0.2	0.24	<5	25	<5	0.17	<1	4	74	6	0.49	<10	0.07	56	62	0.01	4	70	4	<5	<20	7	<0.01	<10	3	<10	1	7
138	SX09027-408	<0.2	0.28	<5	30	<5	0.45	<1	8	32	23	0.99	<10	0.17	79	168	0.02	6	90	<2	<5	<20	16	<0.01	<10	2	<10	2	10
139	SX09027-409	<0.2	0.24	<5	35	<5	0.54	<1	8	42	21	1.31	<10	0.21	62	296	0.02	5	80	<2	<5	<20	15	<0.01	<10	3	<10	2	7
140	SX09027-410	<0.2	0.26	<5	30	<5	0.94	<1	5	27	15	2.00	<10	0.66	115	88	0.02	5	90	<2	<5	<20	31	<0.01	<10	2	<10	2	16
141	SX09027-411	<0.2	0.27	<5	20	<5	0.29	<1	6	35	14	2.20	<10	0.19	37	98	0.02	6	90	<2	<5	<20	13	<0.01	<10	3	<10	2	5
142	SX09027-412	<0.2	0.25	<5	30	<5	0.70	<1	8	34	8	1.07	<10	0.26	108	69	0.02	5	110	<2	<5	<20	24	<0.01	<10	2	<10	2	10
143	SX09027-413	<0.2	0.23	<5	15	<5	0.54	1	12	56	9	3.29	<10	0.23	142	85	0.02	6	110	4	<5	<20	19	<0.01	<10	2	<10	2	23
144	SX09027-414	<0.2	0.43	<5	25	<5	0.49	<1	4	36	15	1.57	<10	0.29	99	62	0.02	5	90	<2	<5	<20	16	0.01	<10	4	<10	3	26
145	SX09027-415	<0.2	0.25	<5	10	10	0.60	4	36	36	15	9.83	<10	0.17	70	568	0.05	11	40	36	<5	<20	8	<0.01	<10	3	<10	2	28

Stewart Group
ECO TECH LABORATORY LTD.

ICP CERTIFICATE OF ANALYSIS AK 2009-0872

BOOTLEG EXPLORATION INC.

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
146	SX09027-415S	24.8	0.28	25	90	<5	0.91	<1	1	66	>10000	0.96	<10	0.06	181	397	0.03	3	220	<2	40	<20	125	<0.01	<10	10	<10	2	23
147	SX09027-416	<0.2	0.20	<5	10	10	0.46	2	22	57	21	4.79	<10	0.20	109	130	0.03	6	70	10	<5	<20	15	<0.01	<10	3	<10	3	109
148	SX09027-417	<0.2	0.30	<5	40	<5	0.77	<1	4	33	10	1.38	<10	0.35	99	96	0.02	4	110	<2	<5	<20	31	<0.01	<10	2	<10	3	14
149	SX09027-418	<0.2	0.26	<5	25	<5	0.79	<1	7	45	17	1.17	<10	0.25	71	153	0.02	3	90	<2	<5	<20	20	<0.01	<10	2	<10	2	8
QC DATA:																													
Repeat:																													
1	SX09027-278	<0.2	0.35	<5	50	<5	0.49	<1	2	51	3	0.62	10	0.23	134	165	0.01	3	80	4	<5	<20	18	<0.01	<10	3	<10	3	22
10	SX09027-286	<0.2	0.30	<5	10	<5	0.03	2	13	79	61	6.80	<10	0.15	107	1055	0.02	4	30	8	<5	<20	2	<0.01	<10	7	<10	3	54
19	SX09027-295	<0.2	0.27	<5	55	<5	0.60	<1	4	69	7	1.16	<10	0.10	73	253	0.02	4	320	4	<5	<20	34	<0.01	<10	3	<10	4	35
36	SX09027-311	<0.2	0.28	<5	30	<5	0.43	<1	2	43	5	0.82	<10	0.18	119	680	0.02	2	50	8	<5	<20	15	<0.01	<10	3	<10	3	25
45	SX09027-319	<0.2	0.26	15	55	<5	0.38	1	8	67	15	1.34	<10	0.18	100	5307	0.02	5	50	2	<5	<20	12	<0.01	<10	5	<10	3	25
54	SX09027-328	<0.2	0.39	<5	25	<5	0.54	<1	12	29	50	2.08	<10	0.26	125	474	0.02	4	100	6	<5	<20	16	<0.01	<10	3	<10	4	95
71	SX09027-345	<0.2	0.25	<5	65	<5	0.48	<1	5	67	26	1.02	<10	0.20	87	139	0.01	5	70	12	<5	<20	9	<0.01	<10	3	<10	3	15
80	SX09027-352	<0.2	0.15	<5	25	<5	0.30	<1	14	97	19	1.67	<10	0.11	70	246	0.01	4	30	4	<5	<20	11	<0.01	<10	3	<10	3	20
89	SX09027-361	<0.2	2.37	<5	35	<5	1.16	2	31	49	54	5.10	<10	1.99	594	4	0.04	36	1250	12	<5	<20	9	0.18	<10	143	<10	1	15
106	SX09027-378	<0.2	0.31	<5	35	<5	0.41	<1	9	40	10	1.20	<10	0.18	39	77	0.02	4	100	<2	<5	<20	8	<0.01	<10	3	<10	4	101
115	SX09027-386	<0.2	0.24	<5	20	<5	0.65	<1	9	34	33	1.28	<10	0.21	62	198	0.02	5	110	<2	<5	<20	15	<0.01	<10	2	<10	2	4
124	SX09027-395	<0.2	0.25	<5	55	<5	0.14	<1	3	18	10	0.37	<10	0.06	48	111	0.01	3	40	<2	<5	<20	5	<0.01	<10	2	<10	3	7
141	SX09027-411	<0.2	0.29	<5	20	<5	0.29	<1	6	35	14	2.32	<10	0.19	36	104	0.02	6	80	<2	<5	<20	13	<0.01	<10	3	<10	1	3
Resplit:																													
1	SX09027-278	<0.2	0.32	<5	50	<5	0.50	<1	2	52	2	0.60	10	0.23	142	157	0.01	3	80	2	<5	<20	18	<0.01	<10	3	<10	3	26
36	SX09027-311	<0.2	0.27	<5	35	5	0.44	<1	2	49	5	0.77	<10	0.17	125	734	0.02	2	50	8	<5	<20	15	<0.01	<10	3	<10	3	26
71	SX09027-345	<0.2	0.22	<5	60	<5	0.48	<1	5	63	26	1.19	<10	0.20	22	145	0.01	4	80	8	<5	<20	8	<0.01	<10	2	<10	2	17
106	SX09027-378	<0.2	0.28	<5	35	<5	0.44	<1	9	36	9	1.52	<10	0.18	41	74	0.02	4	100	<2	<5	<20	9	<0.01	<10	3	<10	2	5
141	SX09027-411	<0.2	0.27	<5	20	<5	0.32	<1	7	31	17	2.41	<10	0.21	41	100	0.02	6	100	<2	<5	<20	16	<0.01	<10	3	<10	2	8
Standard:																													
Pb129a		11.8	0.85	5	60	<5	0.46	54	6	11	1377	1.57	<10	0.67	333	2	0.04	5	430	6226	15	<20	29	0.03	<10	18	<10	2	9923
Pb129a		11.8	0.89	<5	65	<5	0.48	61	7	12	1443	1.60	<10	0.68	385	3	0.04	6	410	6176	15	<20	31	0.04	<10	20	<10	3	9999
Pb129a		11.8	0.85	<5	60	<5	0.45	58	6	12	1443	1.67	<10	0.67	354	2	0.04	5	420	6256	15	<20	26	0.03	<10	19	<10	2	>10000
Pb129a		11.8	0.88	5	60	<5	0.47	53	6	11	1400	1.52	<10	0.66	344	2	0.04	5	410	6138	15	<20	28	0.03	<10	17	<10	2	9971
Pb129a		11.4	0.82	5	65	<5	0.44	55	6	13	1405	1.65	<10	0.63	365	2	0.04	5	420	6218	15	<20	29	0.03	<10	19	<10	2	>10000
Pb129a		11.5	0.80	5	65	<5	0.46	54	6	12	1489	1.57	<10	0.65	346	2	0.04	5	430	6140	15	<20	28	0.03	<10	18	<10	2	9948

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/ap
df/2_872AS
XLS/09

Appendix V

Analytical Certificates

5.2 – AR / AA Mo Assay

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StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AK 2009-0869

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

23-Dec-09

No. of samples received: 42
Sample Type: Rock
Shipment #: SX09-003
Submitted by: B. Wallace

ET #.	Tag #	Mo (%)
1	SX09028-001	0.048
2	SX09028-002	0.035
3	SX09028-003	0.035
4	SX09028-004	0.040
5	SX09028-005	0.265
9	SX09028-009	0.047
21	SX09028-021	0.046
22	SX09028-022	0.039
25	SX09028-025	0.033
27	SX09028-027	0.044
31	SX09028-030S	0.083

QC DATA:

Repeat:

1	SX09028-001	0.045
22	SX09028-022	0.039

Standard:

MP-2	0.28

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

NM/nw
XLS/09

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StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AK 2009-0870

BOOTLEG EXPLORATION INC.
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Cranbrook, BC
V1C 2P1

6-Jan-10

No. of samples received: 140
Sample Type: Core
Shipment #: SX09-001
Submitted by: B. Wallace

ET #.	Tag #	Mo (%)	Cu (%)
9	SX09027-009	0.039	
11	SX09027-011	0.073	
13	SX09027-013	0.076	
16	SX09027-016	0.034	
25	SX09027-025	0.044	
26	SX09027-026	0.037	
27	SX09027-027	0.077	
28	SX09027-028	0.046	
30	SX09027-030	0.048	
31	SX09027-031	0.042	
32	SX09027-032	0.048	
34	SX09027-034	0.056	
35	SX09027-034S	0.082	
36	SX09027-231	0.052	
37	SX09027-232	0.055	
38	SX09027-233	0.045	
39	SX09027-234	0.037	
40	SX09027-235	0.067	
41	SX09027-236	0.038	
42	SX09027-237	0.030	
43	SX09027-238	0.041	
44	SX09027-239	0.047	
45	SX09027-240	0.046	
46	SX09027-035	0.044	
47	SX09027-036	0.046	
49	SX09027-038	0.068	
50	SX09027-039	0.058	
51	SX09027-040	0.159	
52	SX09027-041	0.135	
53	SX09027-042	0.065	

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

Eco Tech Laboratory Ltd.
2953 Shuswap Road
Kamloops, BC
V2H 1S9 Canada
Tel + 1 250 573 5700
Fax + 1 250 573 4557
Toll Free + 1 877 573 5755
www.stewartgroupglobal.com

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Geochemical & Assay

BOOTLEG EXPLORATION INC. AK09-0870 6-Jan-10

ET #.	Tag #	Mo (%)	Cu (%)
54	SX09027-043	0.082	
55	SX09027-044	0.035	
56	SX09027-045	0.079	
57	SX09027-046	0.090	
58	SX09027-047	0.034	
60	SX09027-049	0.034	
61	SX09027-050	0.042	
64	SX09027-052	0.050	
65	SX09027-053	0.078	
66	SX09027-054	0.228	
67	SX09027-055	0.131	
68	SX09027-056	0.076	
69	SX09027-057	0.153	
70	SX09027-058	0.154	
72	SX09027-060	0.064	
75	SX09027-063	0.031	
76	SX09027-064	0.243	
77	SX09027-065	0.088	
80	SX09027-068	0.280	
81	SX09027-069	0.048	
82	SX09027-070	0.091	
83	SX09027-070S	0.081	
84	SX09027-071	0.162	
85	SX09027-072	0.111	
86	SX09027-073	0.040	
88	SX09027-075	0.037	
120	SX09027-105S	0.040	1.05
127	SX09027-112	0.038	
128	SX09027-113	0.037	
132	SX09027-117	0.039	
133	SX09027-118	0.043	

QC DATA:

Repeat:

9	SX09027-009	0.038	
30	SX09027-030	0.047	
39	SX09027-234	0.036	
55	SX09027-044	0.037	
66	SX09027-054	0.230	
80	SX09027-068	0.278	
127	SX09027-112	0.039	

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StewartGroup
Geochemical & Assay

BOOTLEG EXPLORATION INC. AK09-0870 6-Jan-10

ET #.	Tag #	Mo (%)	Cu (%)
Standard:			
MP2		0.281	
MP2		0.279	
Cu120			1.52

NM/nw
XLS/09

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Fax + 1 250 573 4557
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StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AK 2009-0871

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

8-Jan-10

No. of samples received: 149
Sample Type: Core
Shipment #: SZ09-002
Submitted by: B. Wallace

ET #.	Tag #	Mo (%)	Cu (%)
2	SX09027-127	0.061	
8	SX09027-133	0.043	
9	SX09027-134	0.034	
10	SX09027-135	0.053	
11	SX09027-136	0.111	
13	SX09027-138	0.084	
15	SX09027-140	0.042	
16	SX09027-140S	0.040	1.05
17	SX09027-141	0.037	
19	SX09027-143	0.122	
20	SX09027-144	0.056	
28	SX09027-151	0.063	
30	SX09027-153	0.321	
31	SX09027-154	0.091	
32	SX09027-155	0.193	
33	SX09027-156	0.043	
34	SX09027-157	0.033	
38	SX09027-161	0.032	
39	SX09027-162	0.044	
42	SX09027-165	0.032	
47	SX09027-170	0.040	
53	SX09027-175S	0.083	
63	SX09027-185	0.135	
64	SX09027-186	0.093	
65	SX09027-187	0.041	
67	SX09027-189	0.159	
69	SX09027-191	0.043	
77	SX09027-199	0.059	
87	SX09027-208	0.048	

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Geochemical & Assay

BOOTLEG EXPLORATION INC. AK09-0871

8-Jan-10

ET #.	Tag #	Mo (%)	Cu (%)
88	SX09027-209	0.042	
90	SX09027-210S	0.040	1.06
100	SX09027-220	0.033	
101	SX09027-221	0.037	
106	SX09027-226	0.037	
107	SX09027-227	0.098	
109	SX09027-229	0.046	
110	SX09027-230	0.092	
113	SX09027-243	0.031	
114	SX09027-244	0.032	
115	SX09027-245	0.045	
116	SX09027-245S	0.081	
117	SX09027-246	0.036	
118	SX09027-247	0.038	
119	SX09027-248	0.031	
121	SX09027-250	0.039	
123	SX09027-251	0.030	
125	SX09027-253	0.030	
126	SX09027-254	0.040	
132	SX09027-260	0.147	
133	SX09027-261	0.032	
139	SX09027-267	0.061	
140	SX09027-268	0.067	
143	SX09027-271	0.871	
144	SX09027-272	0.303	
146	SX09027-274	0.073	
147	SX09027-275	0.077	
QC DATA:			
Repeat:			
2	SX09027-127	0.062	
34	SX09027-157	0.034	
100	SX09027-220	0.034	
117	SX09027-246	0.036	
143	SX09027-271	0.872	
144	SX09027-272	0.302	
Standard:			
MP2		0.285	
MP2		0.284	
MP2		0.279	
Cu120			1.53

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CERTIFICATE OF ASSAY AK 2009-0872

BOOTLEG EXPLORATION INC.
#200, 16-11TH Ave S.
Cranbrook, BC
V1C 2P1

4-Jan-10

No. of samples received: 149
Sample Type: Core
Shipment #: SX09-002
Submitted by: B. Wallace

ET #.	Tag #	Ag (g/t)	Ag (oz/t)	Cu (%)	Mo (%)	Zn (%)
2	SX09027-279				0.091	
3	SX09027-280				0.180	
4	SX09027-280S				0.083	
5	SX09027-281				0.032	
7	SX09027-283				0.051	
10	SX09027-286				0.105	
15	SX09027-291				0.044	
16	SX09027-292				0.133	
22	SX09027-298				0.167	
26	SX09027-301				0.068	
27	SX09027-302				0.031	
30	SX09027-305				0.069	
32	SX09027-307				0.056	
36	SX09027-311				0.068	
39	SX09027-314				0.031	
40	SX09027-315				0.080	
41	SX09027-315S				0.084	
44	SX09027-318				0.039	
45	SX09027-319				0.539	
47	SX09027-321				0.054	
49	SX09027-323				0.045	
50	SX09027-324				0.054	
54	SX09027-328				0.045	
57	SX09027-331				0.072	
59	SX09027-333				0.039	
60	SX09027-334				0.087	
61	SX09027-335				0.041	

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Geochemical & Assay

BOOTLEG EXPLORATION INC. AK09-0872

4-Jan-10

ET #.	Tag #	Ag (g/t)	Ag (oz/t)	Cu (%)	Mo (%)	Zn (%)
62	SX09027-336				0.049	
64	SX09027-338	35.4	1.03		0.036	1.55
78	SX09027-350S				0.084	
79	SX09027-351				0.038	
82	SX09027-354				0.053	
83	SX09027-355				0.055	
93	SX09027-365				0.049	
95	SX09027-367				0.065	
96	SX09027-368				0.052	
97	SX09027-369				0.035	
104	SX09027-376				0.030	
108	SX09027-380				0.037	
114	SX09027-385S			1.09	0.041	
117	SX09027-388				0.032	
123	SX09027-394				0.117	
127	SX09027-398				0.038	
139	SX09027-409				0.030	
145	SX09027-415				0.056	
146	SX09027-415S			1.07	0.041	
QC DATA:						
Repeat:						
2	SX09027-279				0.090	
16	SX09027-292				0.127	
40	SX09027-315				0.079	
79	SX09027-351				0.038	
139	SX09027-409				0.031	
Resplit:						
36	SX09027-311				0.074	
Standard:						
Cu120				1.54		
MP2					0.280	
MP2					0.281	
MP2					0.281	
PB104		105	3.06			1.48

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XLS/09

Appendix VI

Geophysical Report by SJ Geophysics

LOGISTICAL REPORT

INDUCED POLARIZATION SURVEY

SPHINX PROPERTY, KIMBERLEY AREA, B.C.

on behalf of

BOOTLEG EXPLORATION INC.
Suite 200, 16 11th Avenue South
Cranbrook, B.C. V1C 2P1

Survey performed: October 10 to 24, 2009

by

Alan Scott, Geophysicist
SCOTT GEOPHYSICS LTD.
4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

November 2, 2009

TABLE OF CONTENTS

Appendix

Accompanying Maps (pdf format)

Accompanying Data Files

One (1) compact disk with all survey data and maps

1. INTRODUCTION

An induced polarization (IP) survey was performed at the Sphinx Property, Kimberley Area, B.C., within the period October 10 to 24, 2009.

The surveys were performed by Scott Geophysics Ltd. on behalf of Bootleg Exploration Inc. This report describes the instrumentation and procedures, and presents the results of the surveys.

2. SURVEY COVERAGE AND PROCEDURES

A total of 18.7 km of IP survey was performed at the Sphinx Property.

The pole dipole array was used for the IP survey with an “a” spacing of 100 metres and “n” separations of 1 to 12. The on line current electrode was located to the east of the potential electrodes on all survey lines.

The chargeability and resistivity results are presented on the accompanying pseudosections and contour plan maps. The station locations on the contour map are plotted at the GPS derived UTM coordinates (WGS84).

3. PERSONNEL

Brad Scott was the crew chief on the survey on behalf of Scott Geophysics Ltd. Jim Riley was the representative on behalf of Bootlaeg Exploration Inc.

4. INSTRUMENTATION

A GDD Rx8 receiver and two GDD TxII transmitters were used for the IP survey. Readings were taken in the time domain using a 2 second on/2 second off alternating square wave. The chargeability values plotted on the accompanying pseudosections and plan maps is for the interval 690 to 1050 msecs after shutoff.

Respectfully Submitted,

Alan Scott, Geophysicist

Statement of Qualifications

for

Alan Scott, Geophysicist

of

4013 West 14th Avenue
Vancouver, B.C. V6R 2X3

I hereby certify the following statements regarding my qualifications and involvement in the program of work on behalf of Bootleg Exploration Inc., at the Sphinx Property, Kimberley Area, B.C., and as presented in this report of November 2, 2009.

The work was performed by individuals qualified for its performance.

I have no material interest in the property under consideration in this report.

I graduated from the University of British Columbia with a Bachelor of Science degree (Geophysics) in 1970 and with a Master of Business Administration in 1982.

I am a member of the Association of Professional Engineers and Geoscientists of the Province of British Columbia.

I have been practicing my profession as a Geophysicist in the field of Mineral Exploration since 1970.

Respectfully submitted,

Alan Scott, P.Geo.

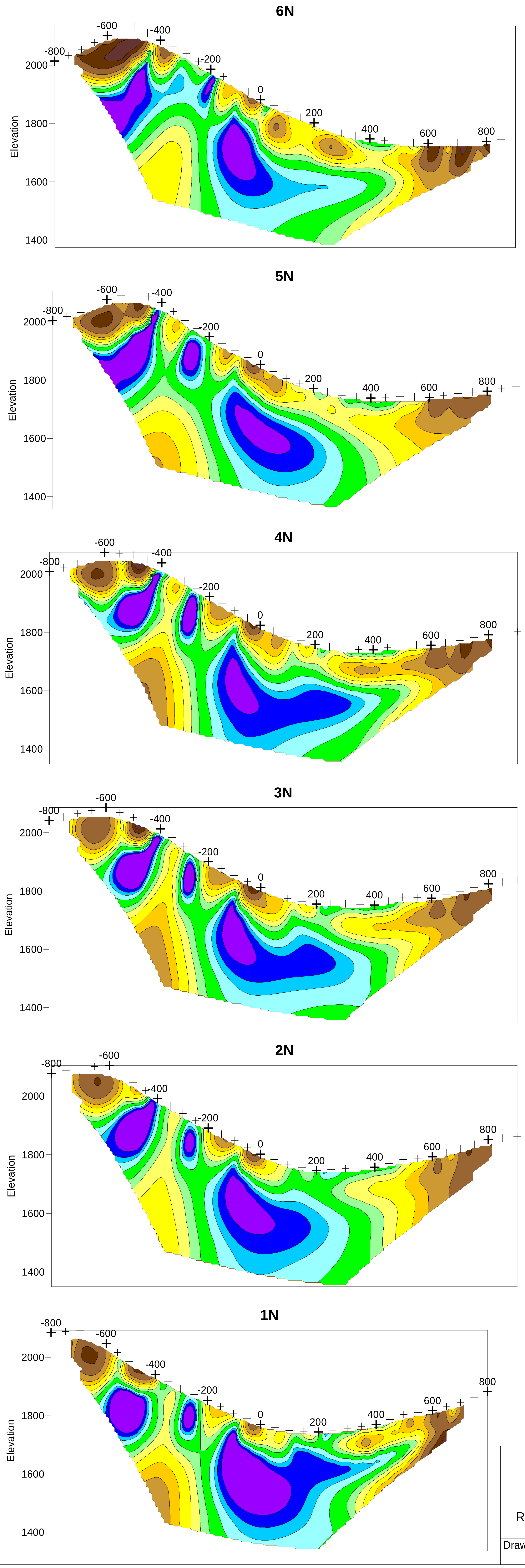
Survey Specifications

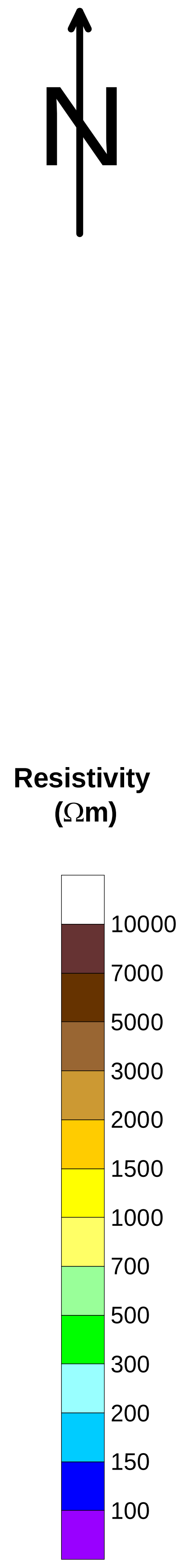
Survey performed: October 2009

Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12
Current electrode east of potential electrodes

RES2DINV true depth inverted sections





Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted resistivity model sections
Lines 1N-6N

Drawn By: B Scott
Date: October 2009

Scott Geophysics Ltd.

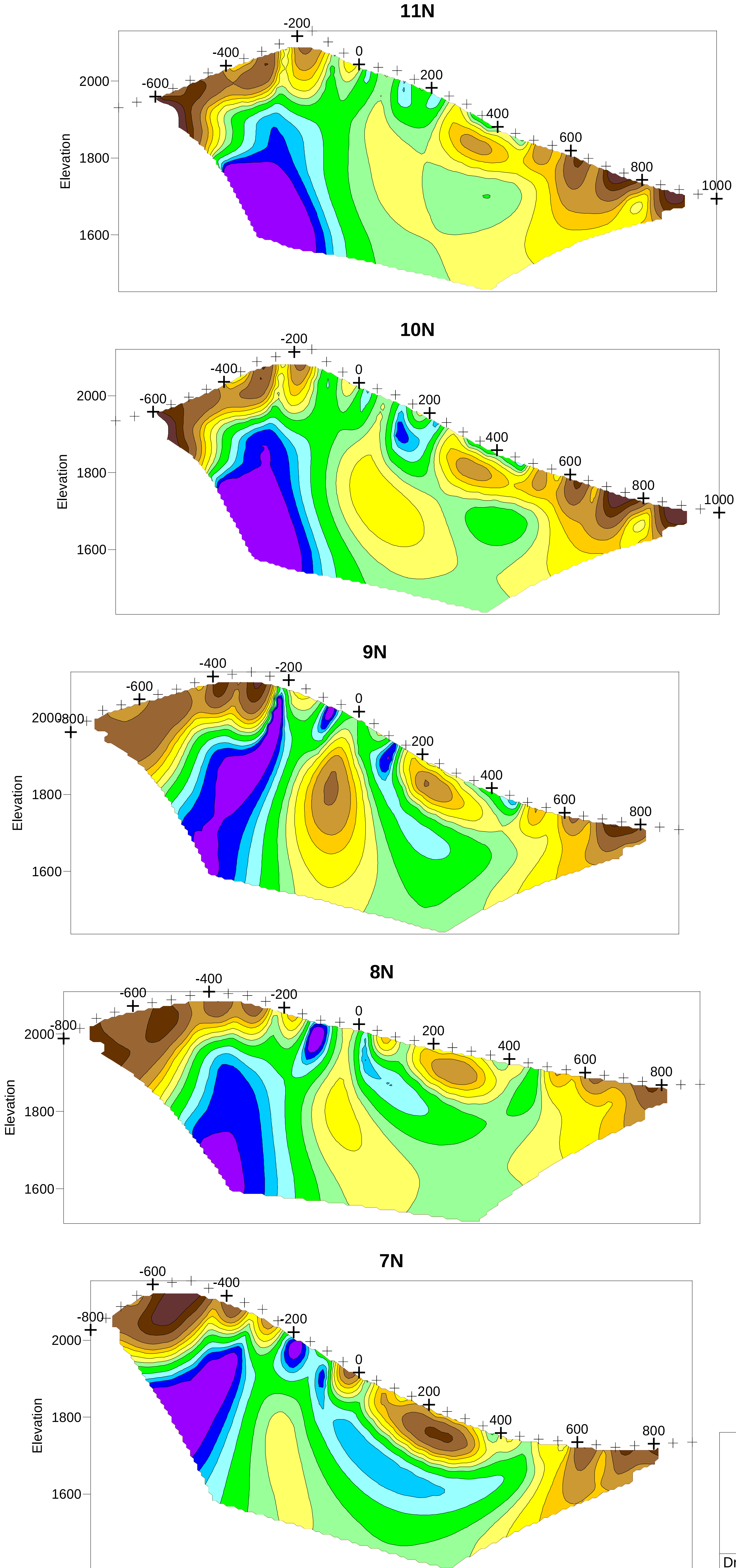
Survey Specifications

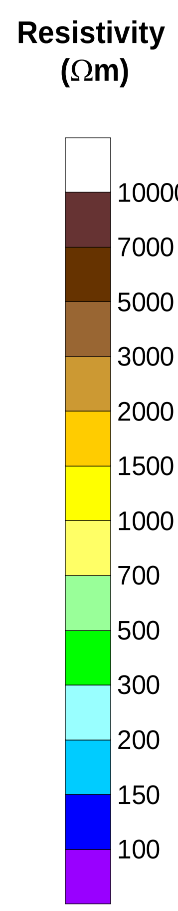
Survey performed: October 2009

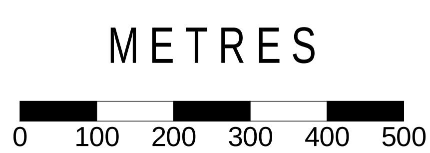
Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12
Current electrode east of potential electrodes

RES2DINV true depth inverted sections







Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted resistivity model sections
Lines 7N-11N

Drawn By: B Scott | Date: October 2009

Scott Geophysics Ltd.

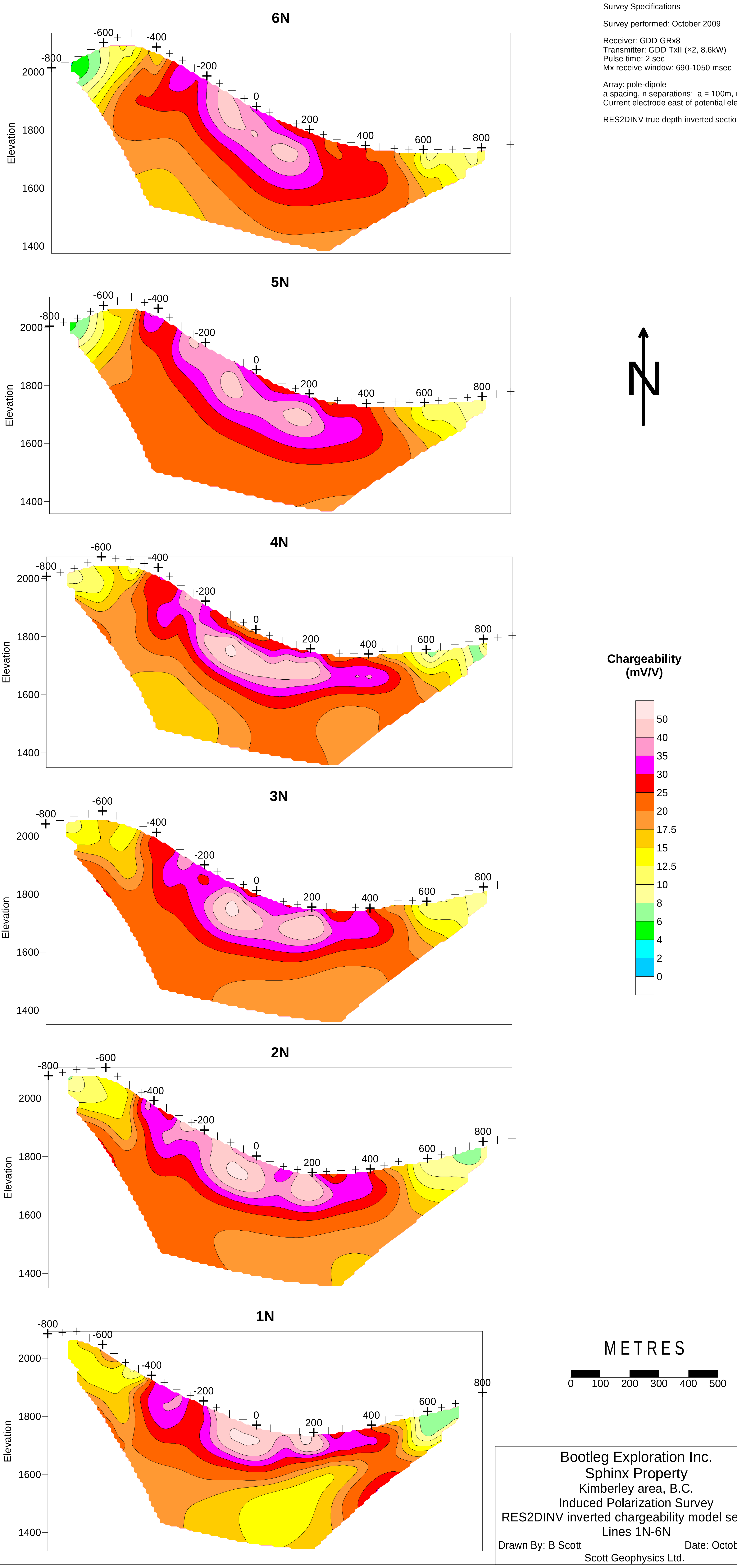
Survey Specifications

Survey performed: October 2009

Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12
Current electrode east of potential electrodes

RES2DINV true depth inverted sections



Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted chargeability model sections
Lines 1N-6N

Drawn By: B Scott | Date: October 2009

Scott Geophysics Ltd.

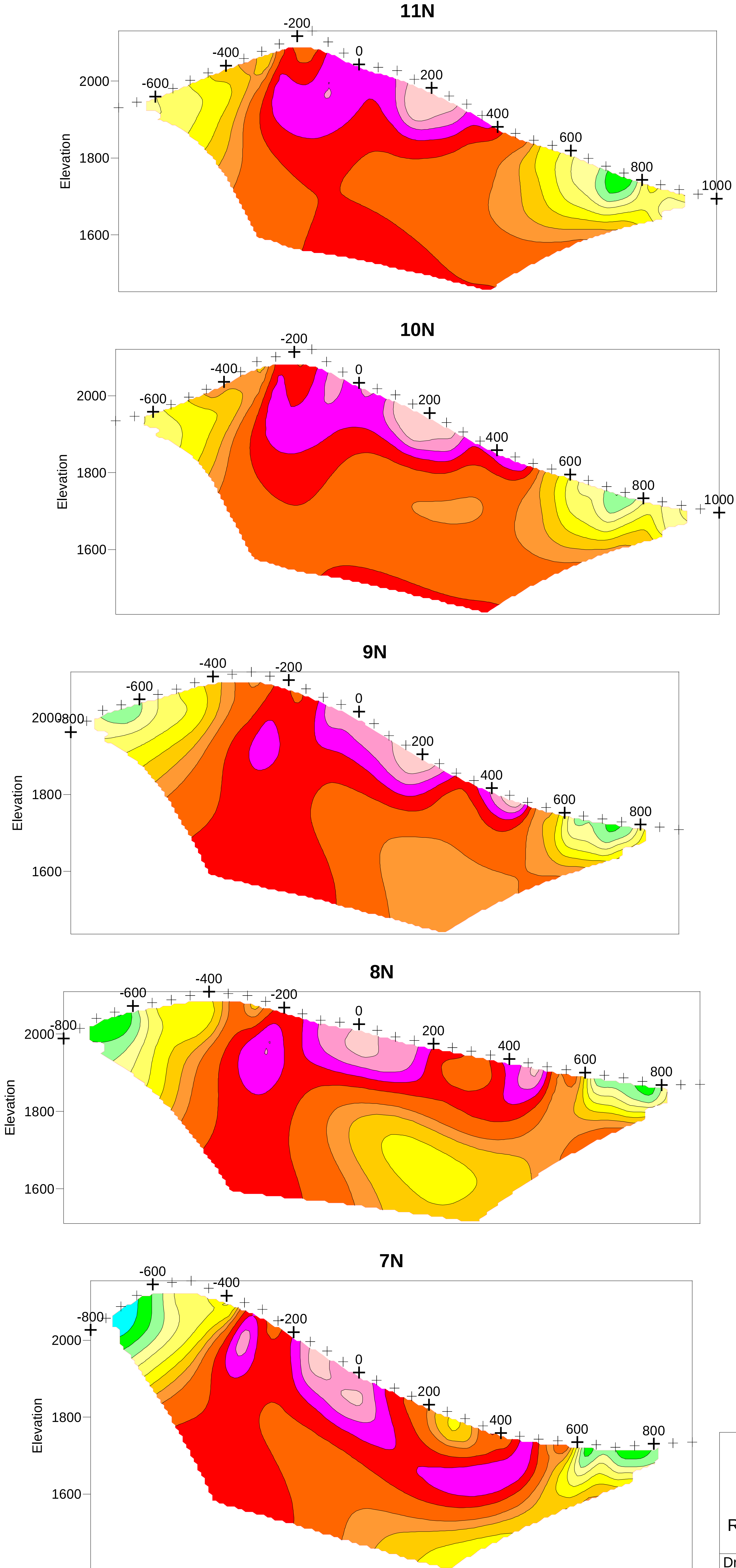
Survey Specifications

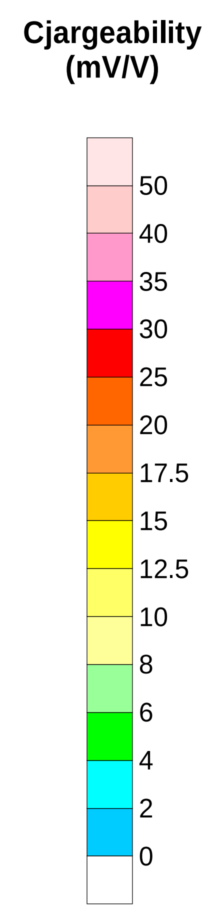
Survey performed: October 2009

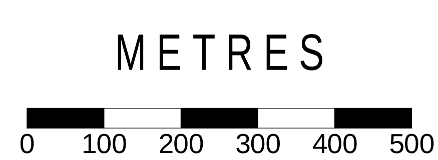
Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12
Current electrode east of potential electrodes

RES2DINV true depth inverted sections



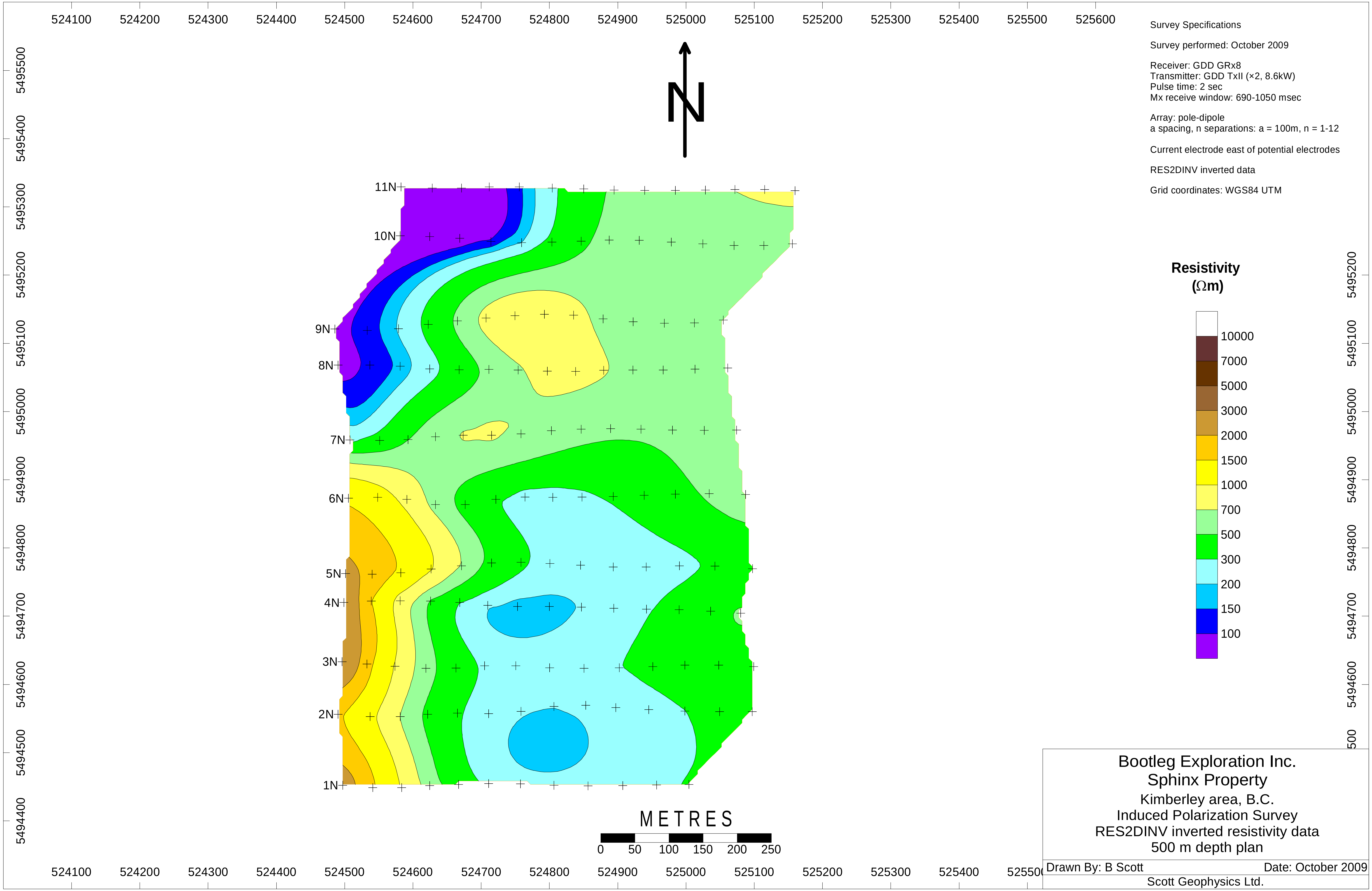


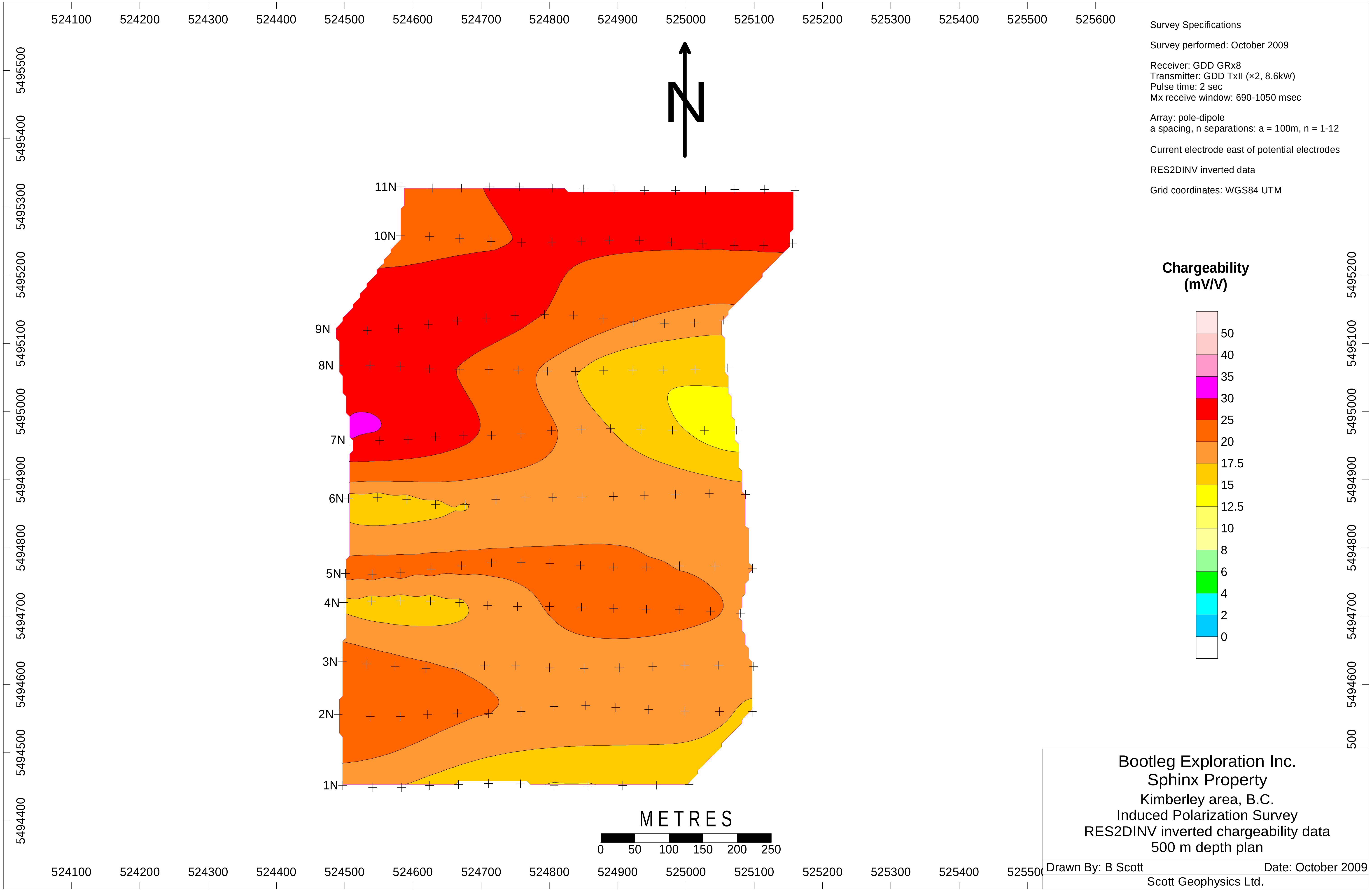


Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted chargeability model sections
Lines 7N-11N

Drawn By: B Scott | Date: October 2009

Scott Geophysics Ltd.


Survey Specifications
Survey performed: October 2009
Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec
Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12
Current electrode east of potential electrodes
RES2DINV inverted data
Grid coordinates: WGS84 UTM
N
11N
10N
9N
8N
7N
6N
5N
4N
3N
2N
1N
Resistivity
(Ωm)
10000
7000
5000
3000
2000
1500
1000
700
500
300
200
150
100
METRES
0 50 100 150 200 250
524100 524200 524300 524400 524500 524600 524700 524800 524900 525000 525100 525200 525300 525400 525500 525600
5494400 5494500 5494600 5494700 5494800 5494900 5495000 5495100 5495200 5495300 5495400 5495500
Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted resistivity data
500 m depth plan
Drawn By: B Scott
Date: October 2009
Scott Geophysics Ltd.


Survey Specifications
Survey performed: October 2009
Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec
Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12
Current electrode east of potential electrodes
RES2DINV inverted data
Grid coordinates: WGS84 UTM
Chargeability (mV/V)
50
40
35
30
25
20
17.5
15
12.5
10
8
6
4
2
0
N
11N
10N
9N
8N
7N
6N
5N
4N
3N
2N
1N
524100
524200
524300
524400
524500
524600
524700
524800
524900
525000
525100
525200
525300
525400
525500
525600
5495500
5495400
5495300
5495200
5495100
5495000
5494900
5494800
5494700
5494600
5494500
5494400
METRES
0 50 100 150 200 250
Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted chargeability data
500 m depth plan
Drawn By: B Scott
Date: October 2009
Scott Geophysics Ltd.

Survey Specifications

Survey performed: October 2009

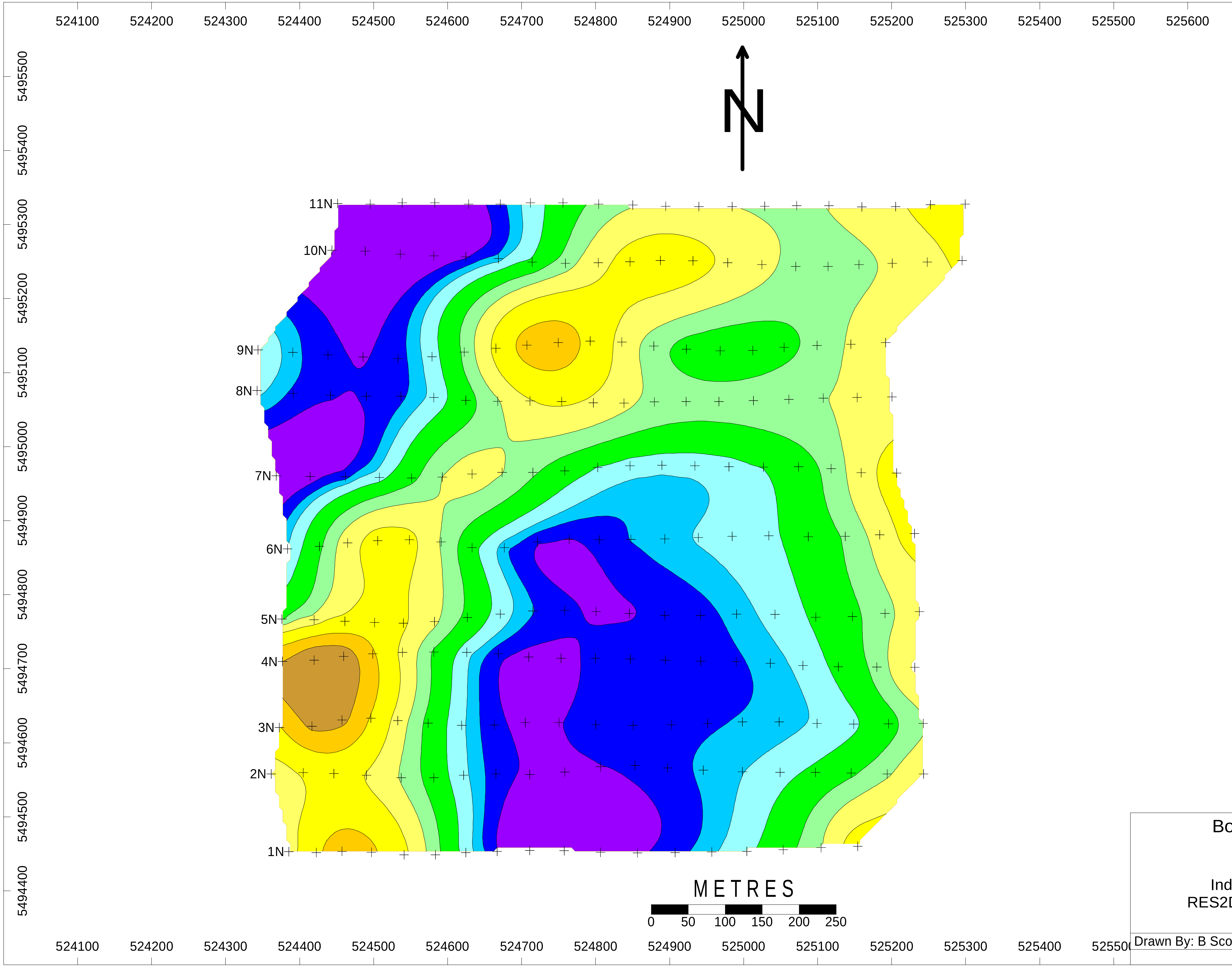
Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

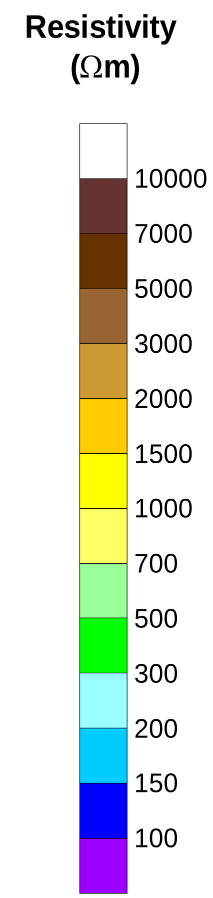
Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12

Current electrode east of potential electrodes

RES2DINV inverted data

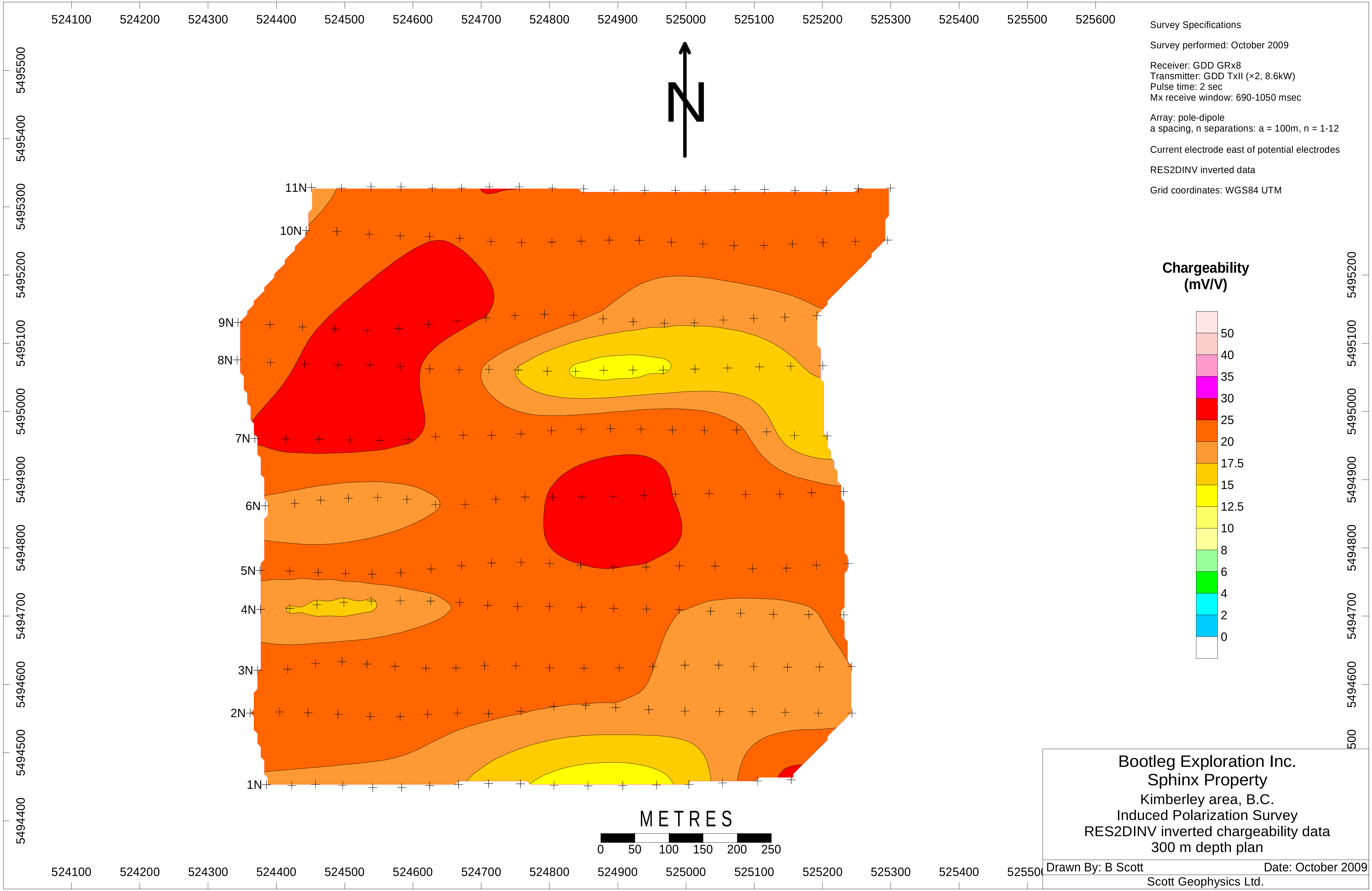
Grid coordinates: WGS84 UTM





Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted resistivity data
300 m depth plan

Drawn By: B Scott
Date: October 2009
Scott Geophysics Ltd.


Survey Specifications
Survey performed: October 2009
Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec
Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12
Current electrode east of potential electrodes
RES2DINV inverted data
Grid coordinates: WGS84 UTM
Chargeability (mV/V)
50
40
35
30
25
20
17.5
15
12.5
10
8
6
4
2
0
N
11N
10N
9N
8N
7N
6N
5N
4N
3N
2N
1N
METRES
0 50 100 150 200 250
Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted chargeability data
300 m depth plan
Drawn By: B Scott
Date: October 2009
Scott Geophysics Ltd.

Survey Specifications

Survey performed: October 2009

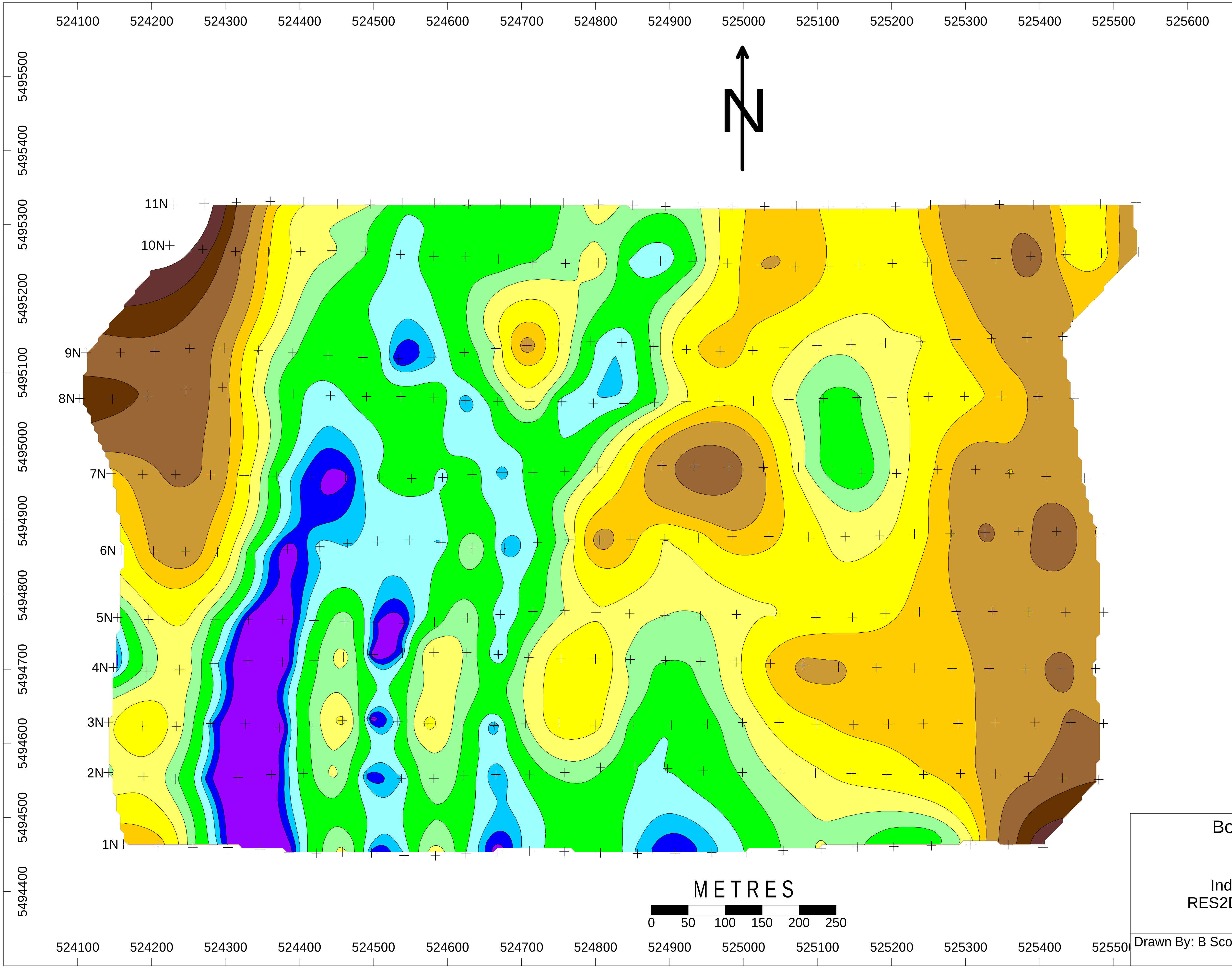
Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

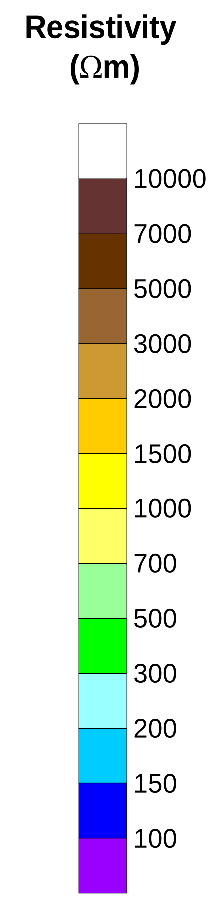
Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12

Current electrode east of potential electrodes

RES2DINV inverted data

Grid coordinates: WGS84 UTM

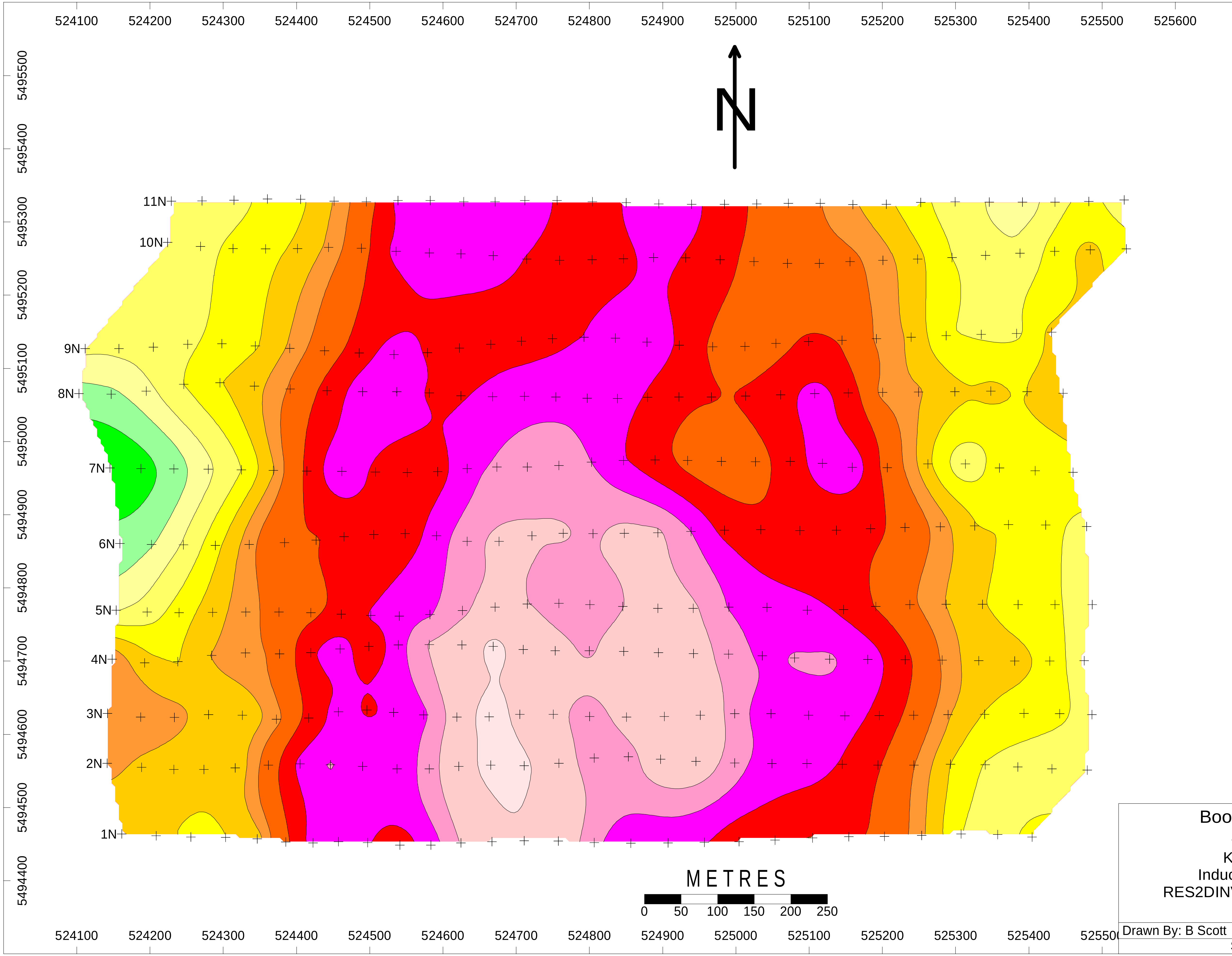




Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted resistivity data
100 m depth plan

Drawn By: B Scott | Date: October 2009

Scott Geophysics Ltd.



Survey Specifications

Survey performed: October 2009

Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12

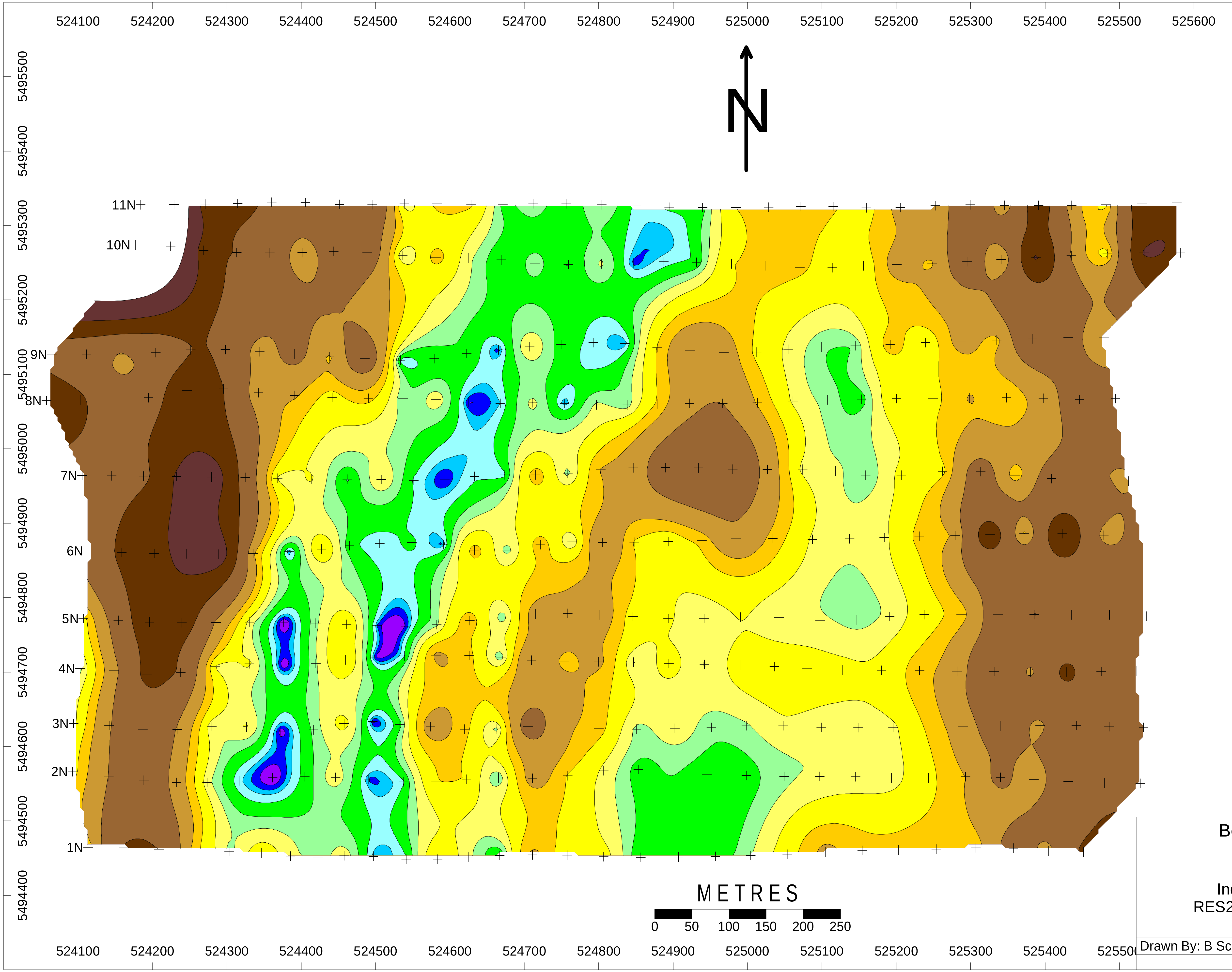
Current electrode east of potential electrodes

RES2DINV inverted data

Grid coordinates: WGS84 UTM

Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted chargeability data
100 m depth plan

Drawn By: B Scott | Date: October 2009
Scott Geophysics Ltd.



Survey Specifications

Survey performed: October 2009

Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12

Current electrode east of potential electrodes

RES2DINV inverted data

Grid coordinates: WGS84 UTM

Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted resistivity data
50 m depth plan

Drawn By: B Scott
Date: October 2009
Scott Geophysics Ltd.

Survey Specifications

Survey performed: October 2009

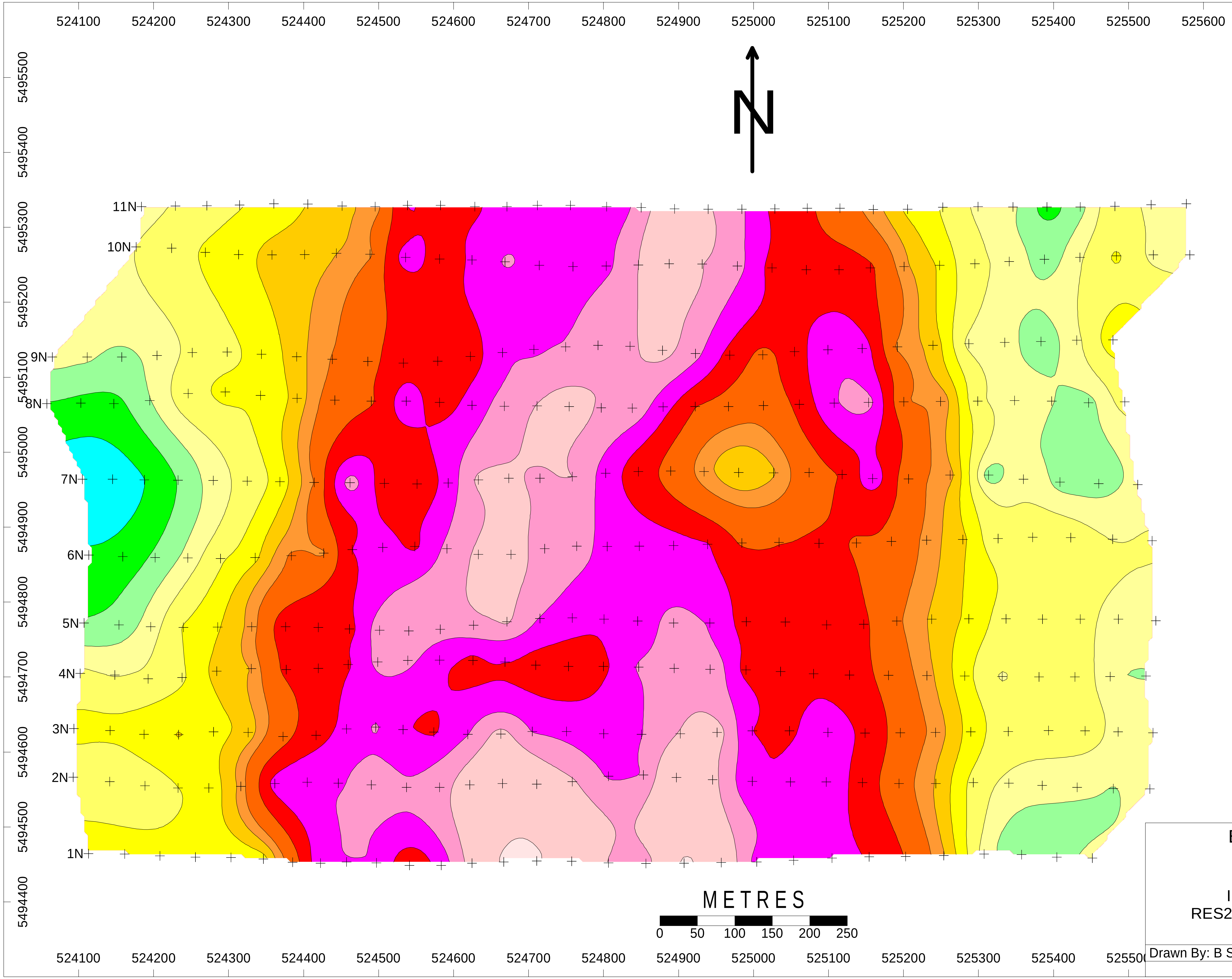
Receiver: GDD GRx8
Transmitter: GDD TxII (×2, 8.6kW)
Pulse time: 2 sec
Mx receive window: 690-1050 msec

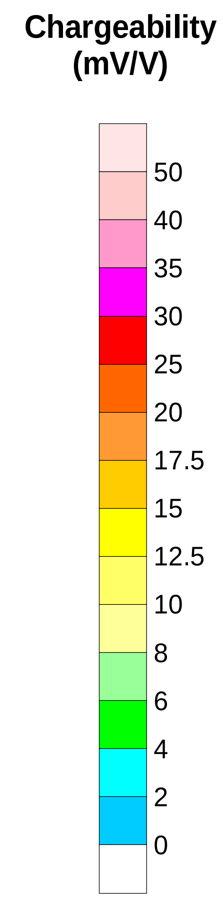
Array: pole-dipole
a spacing, n separations: a = 100m, n = 1-12

Current electrode east of potential electrodes

RES2DINV inverted data

Grid coordinates: WGS84 UTM





Bootleg Exploration Inc.
Sphinx Property
Kimberley area, B.C.
Induced Polarization Survey
RES2DINV inverted chargeability data
50 m depth plan

Drawn By: B Scott
Date: October 2009
Scott Geophysics Ltd.