GEOLOGICAL and GEOCHEMICAL and GEOPHYSICAL REPORT

Volume I - Report

for the

KALUM PROPERTY

Terrace B.C. Skeena MD

128°54'W / 54°45' N

TRIM Map sheets 103I066, 075, 076, 077, 085, 086, 087

Prepared for

WINDSTORM RESOURCES INC.

709, 837 West Hastings Street

Vancouver, BC V6C 3N6

And

Eagle Plains Resources Ltd.

Suite 200, 16-11th Ave South.

Cranbrook, BC

V1C 2P1

By

Aaron Higgs, B.Sc. (Geol)

BOOTLEG EXPLORATION INC.

Suite 200, 16-11th Ave. S.

Cranbrook, B.C. V1C 2P1

November 25, 2009

SUMMARY

The Kalum Property, located about 35 kilometers northwest of Terrace British Columbia, is comprised of 20762 hectares of contiguous claim units. It is 100% owned by Eagle Plains Resources Ltd., subject to a 1% NSR.

The Property is centered upon a Cretaceous-age granodioritic stock of the Coast Crystalline Complex that has intruded Jurassic to Cretaceous-age sedimentary rocks of the Bowser Lake Group. A number of high-grade, vein-type gold occurrences are associated with the contact zone and magnetic signature of the intrusive stock. These occurrences have been explored by various operators and to various degrees over the past 80 years. All previous exploration efforts have been directed toward the discovery of high-grade stand-alone mineralization. The current Eagle Plains tenure represents the first time the gold occurrences have been consolidated by a single company.

Eagle Plains Resources Ltd. initiated property acquisition in the Kalum area in 2003 and completed significant exploration programs on the property in 2003 and 2004. The programs included a VTEM airborne survey, extensive geochemical programs, geologic mapping, and a 19 hole diamond drill program. In addition, many of the historical showings on the property were located, sampled and surveyed. The program was very successful in consolidating and evaluating all historic showings, discovering new high-grade Au-Ag occurrences, and developing new exploration models to help focus exploration in new directions. This work confirmed that the Kalum property is highly prospective for economically viable, Au-Ag epithermal vein-type deposits. Drilling resulted in high-grade Au intersections at all targets, including hole KRC04001, drilled at the Rico showing (discovered by Eagle Plains personnel in late 2003), which returned 35g/t Au over 2.5m from 101.8m to 104.3m; including a 0.5m interval that assayed 107g/t Au.

Fieldwork continued on the property in 2005, with a fly camp established near the Hat showing area. Geological work included geochemical sampling , a comprehensive 1:5000 geological mapping program and a 3 hole, 568.75m, diamond drill program which tested the Hat vein mineralization.

Interpretation of the results from the 2005 fieldwork indicates that the Hat mineralization is associated with flat lying shear zones that form an anastomosing / ramp – flat structure that sets the stage for structurally repeated mineralized zones. It has been interpreted that the majority of showings in the area, known as the Hat Structural Zone, are structurally linked and represent a single large-scale mineralized system over 1 km^2 in size. The area is attractive because these zones are structurally repeated on a scale of 50m, over a thickness of 300m, making it an excellent target for a bulk-tonnage, low-grade, open pit operation.

The total expenditure on the property by Eagle Plains Resources from 2003 – 2005 was $1,495,551.87. All 2003 – 2005 exploration work was carried out by Bootleg Exploration Inc., a wholly owned subsidiary of Eagle Plains Resources.

The results from the 2008 exploration program revealed that the granodiorite “stock” that was the focus of exploration is in fact a thrust emplaced granodiorite mass overlying a sequence of argillite / greywacke.Weak but pervasive gold mineralization associated with pyritic quartz stringers and veinlets is widespread in the stock. The total expenditure on the property by Mountain Capital Inc. in 2008 was $311,282.16. Mountain Capital elected to terminate the property option on May 21, 2009 and subsequently changed their name to First Lithium Resources.

2009 fieldwork by Eagle Plains at the Kalum included an Induced Polarization geophysical program that extended the grid in the area of the Burn showing, as well as a prospecting and geochemical sampling program in the areas of the Hat, Cirque, Tuppie, Babit and Misty showings. The results were very favorable, with the discovery of a new high grade gold showing in the Cirque area, and the definition of high priority geophysical targets. All work was carried out by Bootleg Exploration Inc. The total cost of the 2009 program was $109,835.43.

Total expenditures on the property by Eagle Plains and partners since 2003 are $1,921,834.

The results from the 2008-2009 programs continue to support the potential for the Kalum Property to host both high-grade Au - Ag deposits and lower-grade bulk-tonnage type Au mineralization. This report includes recommendations for a two phase work program on the project. Phase 1, which includes continued grass roots exploration within previously unexplored structural zones, detailed infill geochemical sampling in areas identified by past work programs, XRF geochemical orientation, and detailed structural mapping and analysis, followed by a comprehensive GIS analysis of the data to locate targets for a Phase 2 diamond drilling program. The estimated budget for the Phase work is $200,000. Phase 2 will be contingent on the results from Phase 1 and has an estimated budget of $500,000 based on a 2000 meter helicopter supported diamond drill program.

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Location and Access

The project area is situated 35 kilometers (km) northwest of the city of Terrace, B.C., approximately 600 km north of Vancouver (Figure 1). The Kalum property consists of 21,883.91 hectares centered at UTM 6069000 N / 504550 E on NTS mapsheets 103I066, 075, 076, 077, 085, 086 and 087. Terrace is located along the Yellowhead Highway, approximately 100km east of the major port of Prince Rupert, and 60km north of the port of Kitimat. Rail service is provided in Terrace, and direct air service is provided twice-daily from Vancouver. The project area is accessed by a network of B.C. Forest Service and private logging roads which cover most of the project area. Review of existing (year 2000) 5-year logging plans provided by Skeena Cellulose indicate that extensive roadwork and logging activities are planned for the project area, with some of the proposed activity now underway. A hydroelectric power line runs north-south along the eastern boundary of the project area.

The Property is located within the Kitimat Range of the Coast Mountains in the area of Mount Allard (1,505 meters above sea level). Elevation varies from 300 to 1,500 meters above sea level and topography is steep to moderate. Outcrop is present within numerous drainages and along ridges and escarpments but is sparse on timbered slopes. Much of the Property has a thin to moderate veneer of glacial till; total outcrop exposure is estimated at 10 to 20 percent. The eastern part of the claim block borders Kitsumkalum Lake and the Nelson River drainage is located directly north of the southern claim boundary. A number of small creeks and several Alpine lakes are also found on the claims. Tributary streams to the main drainages are deeply incised where they enter the larger U-shaped valleys.

The weather is typically coastal with wet summers and heavy snowfall in the winters. Large snow-drifts cover parts of the property until mid-June, with minor areas of permanent snow found only at the highest elevations and in sheltered areas. Vegetation varies from heather, blueberry and huckleberry on the upper slopes to Douglas fir, hemlock, alder and devil's club on the lower slopes below tree line.


EPL:TSX-V
Eagle Plains Resources Ltd.
Windstorm Resources Ltd.
Kalum Property
Figure 1 - Property Location
Scale - 1: 7 500 000
20/11/2009
140°0'0"W
130°0'0"W
120°0'0"W
60°0'0"N
50°0'0"N
Yukon Territory
Northwest Territories
Alaska
British Columbia
Alberta
Washington
Idaho
Pacific Ocean
Kalum
Whitehorse
Smithers
Terrace
Prince Rupert
Prince George
Bella Coola
Golden
Calgary
Kamloops
Kelowna
Vancouver
Hope
Castlegar
Nelson
Cranbrook
Grand Forks
Creston
Victoria
N
0 50 100 200 300 400 500
Kilometers

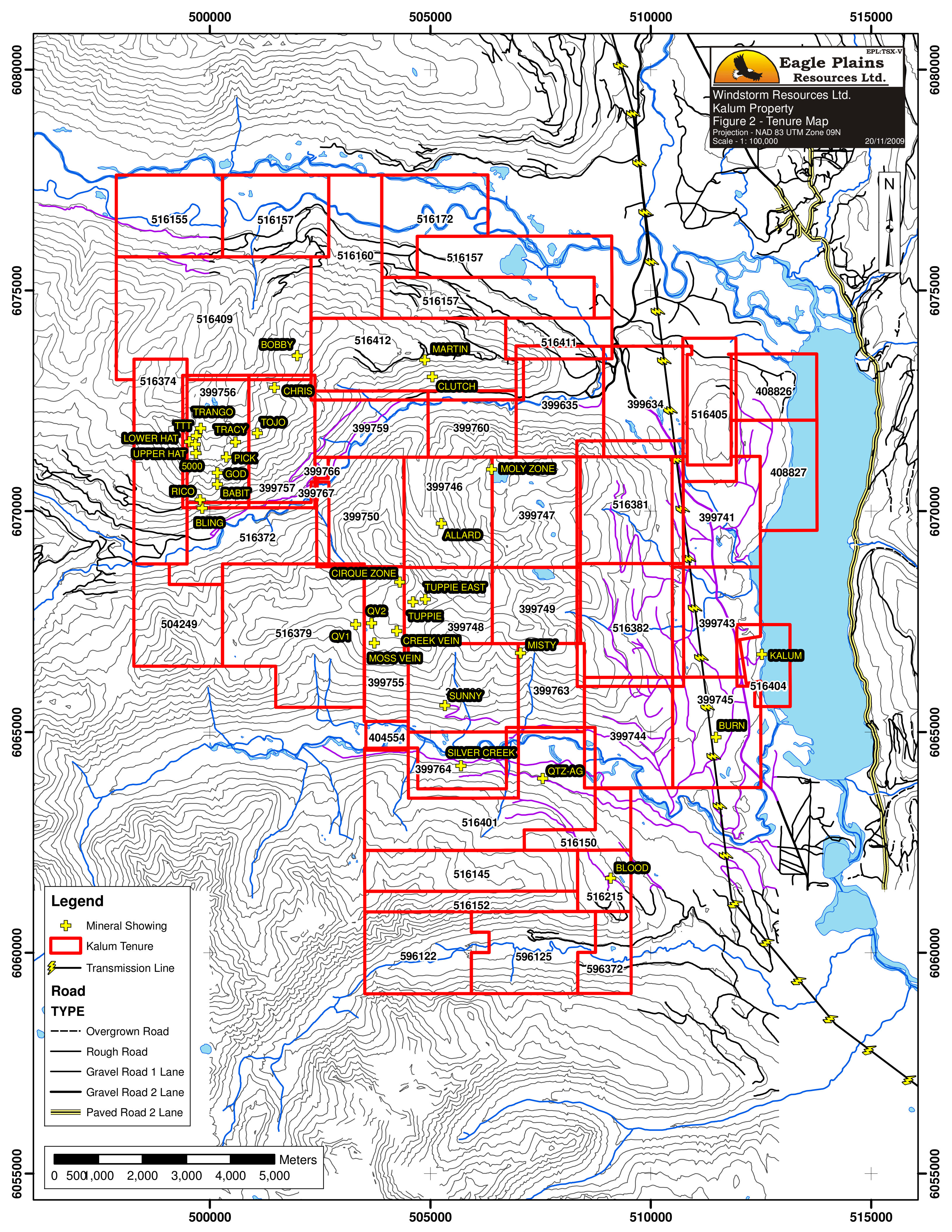
Tenure

The property consists of 49 MTO mineral claims totaling 21,883.91 Ha, located within NTS mapsheets 103I066, 075, 076, 077, 085, 086 and 087 (Figure 2). Eagle Plains Resources Ltd. owns a 100% unencumbered interest in the Property, and holds a 1% Net Smelter Return in trust for Bernard Kreft.

Table 1 – Kalum Tenure Summary

Tenure Number	Claim Name	Ownership	Expiry Date (DD/MM/YYYY)	Mining Division	Area (ha)
399634	YCC 1	100% EPL	30/11/2010	19 Skeena	500.000
399635	YCC 2	100% EPL	30/11/2010	19 Skeena	500.000
399741	YCC 4	100% EPL	30/11/2010	19 Skeena	500.000
399743	YCC 6	100% EPL	30/11/2010	19 Skeena	500.000
399744	YCC 7	100% EPL	30/11/2010	19 Skeena	500.000
399745	YCC 8	100% EPL	30/11/2010	19 Skeena	500.000
399746	YCC 9	100% EPL	30/11/2010	19 Skeena	500.000
399747	YCC 10	100% EPL	30/11/2010	19 Skeena	500.000
399748	YCC 11	100% EPL	30/11/2010	19 Skeena	400.000
399749	YCC 12	100% EPL	30/11/2010	19 Skeena	400.000
399750	YCC 13	100% EPL	30/11/2010	19 Skeena	500.000
399755	YCC 18	100% EPL	30/11/2010	19 Skeena	350.000
399756	YCC 19	100% EPL	30/11/2010	19 Skeena	450.000
399757	YCC 20	100% EPL	30/11/2010	19 Skeena	450.000
399759	YCC 22	100% EPL	30/11/2010	19 Skeena	450.000
399760	YCC 23	100% EPL	30/11/2010	19 Skeena	300.000
399762	YCC 25	100% EPL	30/11/2010	19 Skeena	500.000
399763	YCC 26	100% EPL	30/11/2010	19 Skeena	300.000
399764	YCC 27	100% EPL	30/11/2010	19 Skeena	375.000
399766	YCC 64	100% EPL	30/11/2010	19 Skeena	25.000
399767	YCC 65	100% EPL	30/11/2010	19 Skeena	25.000
404554	DREAM 19	100% EPL	30/11/2010	19 Skeena	100.000
408826	KLM 1	100% EPL	30/11/2010	19 Skeena	300.000
408827	KLM 2	100% EPL	30/11/2010	19 Skeena	500.000
504249	HAT 3	100% EPL	30/11/2010	19 Skeena	410.472
516145	KALUM SOUTH	100% EPL	30/11/2010	19 Skeena	448.508
516150	KALUM SOUTH 1	100% EPL	30/11/2010	19 Skeena	186.831
516152	KALUM SOUTH 2	100% EPL	30/11/2010	19 Skeena	224.290
516155	KALUM NORTH	100% EPL	30/11/2010	19 Skeena	446.787
516157	KALUM NORTH 1	100% EPL	30/11/2010	19 Skeena	446.856
516160	KALUM NORTH 2	100% EPL	30/11/2010	19 Skeena	446.942
516168	KALUM NORTH 3	100% EPL	30/11/2010	19 Skeena	447.058
516171	KALUM NORTH 4	100% EPL	30/11/2010	19 Skeena	446.976
516172	KALUM NORTH 5	100% EPL	30/11/2010	19 Skeena	409.637

Tenure Number	Claim Name	Ownership	Expiry Date (DD/MM/YYYY)	Mining Division	Area (ha)
516215		100% EPL	30/11/2010	19 Skeena	168.195
516372		100% EPL	30/11/2010	19 Skeena	522.197
516374		100% EPL	30/11/2010	19 Skeena	559.201
516379		100% EPL	30/11/2010	19 Skeena	933.075
516381		100% EPL	30/11/2010	19 Skeena	671.300
516382		100% EPL	30/11/2010	19 Skeena	671.764
516401		100% EPL	30/11/2010	19 Skeena	1046.106
516404		100% EPL	30/11/2010	19 Skeena	205.309
516405		100% EPL	30/11/2010	19 Skeena	391.424
516409		100% EPL	30/11/2010	19 Skeena	1173.527
516411		100% EPL	30/11/2010	19 Skeena	223.579
516412		100% EPL	30/11/2010	19 Skeena	857.126
596122	KALUM SOUTH SOUTH	100% EPL	16/12/2009	19 Skeena	467.390
596125	KM	100% EPL	16/12/2009	19 Skeena	467.400
596129	KALUM SOUTH SOUTH 1	100% EPL	16/12/2009	19 Skeena	186.960



Eagle Plains Resources Ltd.
EPL:TSX-V
Windstorm Resources Ltd.
Kalum Property
Figure 2 - Tenure Map
Projection - NAD 83 UTM Zone 09N
Scale - 1: 100,000
20/11/2009
N
500000
505000
510000
515000
6080000
6075000
6070000
6065000
6060000
6055000
516155
516157
516172
516160
516157
516157
516409
516412
516411
BOBBY
MARTIN
CLUTCH
CHRIS
516374
399756
TRANGO
TTT
TOJO
TRACY
LOWER HAT
UPPER HAT
PICK
5000
GOD
RICO
BABIT
BLING
399635
399634
408826
516405
399759
399760
399766
399757
399767
399746
MOLY ZONE
408827
516381
399741
399750
399747
ALLARD
516372
CIRQUE ZONE
TUPPIE EAST
TUPPIE
504249
516379
QV2
QV1
399748
CREEK VEIN
MOSS VEIN
399749
516382
399743
MISTY
KALUM
516404
399755
SUNNY
399763
399745
BURN
404554
SILVER CREEK
399764
QTZ-AG
399744
516401
516150
BLOOD
516145
516215
516152
596122
596125
596372
Legend
Mineral Showing
Kalum Tenure
Transmission Line
Road
TYPE
Overgrown Road
Rough Road
Gravel Road 1 Lane
Gravel Road 2 Lane
Paved Road 2 Lane
Meters
0 500 1,000 2,000 3,000 4,000 5,000

History and Previous Work

Previous exploration on the Property was directed at evaluating a number of separate mineral showings now located within the Kalum Property boundaries. Prior to Eagle Plains involvement in the project, each showing area had been worked at various times by various owners and operators; the current Eagle Plains land position represents the first time the mineral showings have been consolidated and evaluated as a whole by a single owner. The locations of the Minfile Showings with respect to the Property boundaries are shown in Figure 2.

Kalum Lake and Burn Occurrences

MINFILE NAME **KALUM LAKE**; OTHER NAMES PORTLAND, BAV, GOLD BAR, BURN

MINFILE NUMBER **103I 019**

and

MINFILE NAME **BURN**; OTHER NAMES KALUM LAKE, PORTLAND

MINFILE NUMBER **103I 211**

The earliest recorded activity on the Kalum Lake and Burn showing area is 1919 when C.A. Smith of Terrace staked the original Lakeside claims. The Portland and West Portland claims were staked in 1922. Between 1923 and 1925 the newly-formed Kalum Mines Ltd. conducted considerable work on the Property which consisted of shaft-sinking and drift-development along the main (Portland - #1) vein discovered in 1919. Two shafts were sunk with the east shaft reaching 9.1 meters (m) (30 feet) depth and the main or west shaft developed to 18.2 meters (60 feet) with 64 meters (210 feet) of drifting westerly along the vein. A selected grab sample collected in 1930 assayed 21.3 grams per tonne (g/t) (0.62 ounces per ton (oz/t)) gold and 75.4 g/t (2.2 oz/t) silver. Approximately 90 meters (295 feet) southeast of the main vein, Kalum Mines Ltd. put in a 26-meter (85 foot) adit along a second vein (#2 Vein). Assay values from samples of this vein collected in 1937 contained only minor amounts of gold and silver.

In 1972 the original claims were restaked as the Bav 1 - 4 by J. Apolczer of Terrace, B.C. One drill hole 114 m (374 feet) in length was drilled in an attempt to intersect the main vein and a zone of silicification lying adjacent to the known mineralized structure and workings. Drill records indicate that the main vein was not located but granodiorite with areas of quartz veining and weak alteration were intersected. Gold and silver values ranged from 0.07 to 0.38 g/t (0.002 - 0.011 oz/t) and 2.7 g/t to 0.68 g/t (0.08 - 0.02 oz/t) respectively. It is believed that this hole was drilled almost parallel to the strike of the main vein (Cavey and Chapman, 1987). The total cost of the 1972 program was $9408.07.

In November of 1983 the property owner was Bradner Resources. Kalum Lake Mining Group was formed at this time and they trenched and sampled along the Main and #2 veins. Values up to 251 grams per tonne (g/t) (7.32 oz/t) gold and 225.6 g/t (6.58 oz/t) silver were obtained in a few grab samples collected from the #2 vein. Five trenches were dug using a tracked hoe accompanied by blasting and hand trenching. Several of the trenches did not reach bedrock and were abandoned due to slope stability concerns. This work was not filed for assessment and no record of the costs have been located.

In 1984 OreQuest Consultants was retained by Bradner Resources to complete a soil geochemical survey over the southwestern portion of the claim block (Burn Showing area). A total of 576 soil samples and 17 rock samples were collected. A four-kilometer cut base line was used for control. Results from the survey indicated a coincident gold - silver - arsenic anomaly in the area of a granodiorite knob (Cavey and Howe, 1984). The highest gold value returned from the soil geochemical survey was 9400 ppb. The total cost of the 1984 program was $18,540.62.

In 1987 a 395-meter (1300 foot) NQ diamond drilling program was undertaken on the Kalum property under the supervision of OreQuest Consultants Ltd. At the time the claims were owned by Terracamp Development Limited through an option with the Kalum Lake Mining Group. The objective of the program was to test the known gold bearing quartz veins and to locate additional mineralized zones. Two holes were drilled from one setup, with a third hole collared approximately 60 meters southeast. The continuity of the vein systems and mineralization was established to a depth of 120 meters and 65 meters for the #1 and #2 veins respectively. Strike extensions of 150 meters on the #1 vein and 60 meters on the #2 vein were also proven. Visible gold was encountered in the #2 vein in holes DDH-TR-87-1 and 87-2, and was also present at surface in the #1 vein. Assay values of up to 63.22 gm/t (1.86 oz/t) gold and 170 gm/t (4.9 oz/t) silver were returned from drill intersections which were comparable with high grade surface samples of up to 250.3 gm/t (7.3 oz/t) gold and 476.6 gm/t (13.9 oz/t) silver. Anomalous gold values were also recorded for up to 5 meters on either side of the #2 vein (Cavey and Chapman, 1987). Drillcore from the 1987 program was stored at the drillsites but was not found during the recent property visit.

A 52.4 kilogram bulk sample taken from these veins assayed 11.86 grams per tonne gold and 15.43 grams per tonne silver. Inferred reserves reported for the two main veins are estimated at 9434 tonnes grading 16.1 grams per tonne gold to a depth of 45 meters (Collins and Arnold, 1987). The authors of this report do not believe that this inferred reserve estimate is in accordance with sections 1.3 and 1.4 of the Instrument. Further diamond drilling was recommended to test the vertical and lateral extensions of the vein systems. Additional mapping, sampling and trenching with follow up diamond drilling was also recommended for the south (Burn) showing area. Reconnaissance sampling of historical trenches in the area of the Burn showing returned values of up to 16.8 gm/t (0.49 oz/t) gold, 242.1 gm/t (7.06 oz/t) silver and 0.5% copper. The total cost of the 1987 program was $65,780.48.

In 1987, Terracamp Developments Ltd. retained Guillermo Salazar, P.Eng. to evaluate the potential grade and tonnage available in the Main (#1) and #2 veins on the Kalum Lake property. The Salazar report relied on data generated by past work programs, mainly that by OREQUEST Consultants Ltd. (Cavey and Howe, 1984; Cavey and Chapman, 1987).

The 1987 Salazar report recommended a multi-stage revenue-producing program designed to confirm the resources on the Kalum Lake property. Stage One recommendations included preparation of a topographic contour map from 1:20,000 scale air photos, re-opening of the trench between the high grade pit and hole TR-87-3 in the #2 vein and drilling into the Main and #2 veins. Salazar suggested the material extracted from the trench be processed and the gold thus recovered sold. Stage Two recommendations included re-opening of the 1923 adit after confirmation that it followed the #2 vein and/or trenching to the northeast from the high-grade pit. Stage Three recommendations included driving an adit into the upper fifteen meters of the #2 vein. Stage Three work was dependant on results from the first two stages. The total cost estimated for completion of Stage One, Two and Three was approximately $300,000.00. (Salazar, 1987).

The last work recorded on the Kalum Lake property was in 1988. Terracamp Developments Ltd. retained Richard E. Arndt, P.Eng., P.Geol., to carry out an underground exploration program. The purpose of this work was to obtain a bulk sample of material from a quartz vein exposed at the surface by trenching, and to determine the lateral and "at depth" size and grade of the #2 Vein. The planned work consisted of driving a crosscut to the vein from the north and then drifting along the vein to collect a sample of "ore grade" material. A small underground diamond drilling program was also anticipated.

McElhanney Associates of Terrace was retained to prepare a detailed topographic map of the site surrounding the proposed mining activity and to be involved in surveying of the portal and underground workings. The map was done at a scale of 1:500 with 2 m contour intervals. Based on the results from this work, an under ground program of approximately 100 meters was anticipated, consisting of an initial 2.45 m by 2.45 m (8 ft by 8 ft) crosscut and a 2.13 m by 2.13 m (7 ft by 7 ft) drift. The design also included three diamond drill stations. The mine design was for a tracked crosscut with a timbered trestle at the portal to dump muck cars. Northward Mining Contractors was mobilized to the site on September 6, 1988 and the portal was collared on September 9. On October 11th, the #2 Vein was intersected at 91.6 m from the portal mouth and the crosscut was terminated at 94.18 m. This face is also approximately the south wall of the 1920's drift, with the back of the 1920's drift one meter below the floor of the 1988 crosscut. A bulkhead was placed in front of the break into the old drift and a slash was started to turn on the #2 Vein.

On October 12, 1988, due to budget considerations, work was halted on the slash and Northward started demobilization of their equipment and crew. After the mining contractor left the site, OreQuest Consultants Ltd. surveyed, mapped and sampled the crosscut and sampled the old drift. However, the area where the crosscut broke into the old drift was very unstable, with bad ground on the back of the drift. Therefore, no detailed mapping or sampling program was attempted.

Recommendations from the program included surface diamond drilling to test the #2 Vein carefully along its strike length and down dip extension to better establish control for further underground exploration drifting. There was no statement of costs included with the 1988 report.

Quartz-Silver and Allard Occurrences

MINFILE NAME **QUARTZ – SILVER**; OTHER NAMES QS1 - 6

MINFILE NUMBER **103I 018**

and

MINFILE NAME **ALLARD**

MINFILE NUMBER **103I 151**

The original discovery was made by Mr. John Apolczer in 1968 who exposed a well mineralized quartz-sulfide vein during road building for logging operations. The Quartz - Silver claims were located by Mr. Apolczer and a Mr. Bates to cover this showing. Subsequently trenching and blasting were undertaken to increase exposure of the discovery showing and several other zones were identified. The first record of work on the Quartz - Silver claims was carried out by W.M. Sharp for Atlantis Mines in 1969. This consisted of preliminary geological mapping and sampling, primarily along the road cut. In 1970 Mr. Apolczer and Mr. Bates had the property returned to them and completed two pack-sack diamond drill holes in the vicinity of the quartz-sulfide vein. Recovery was poor, however sludge samples were collected and assayed. No record of the results was found.

In 1985 Imperial Metals acquired an option on the property and conducted geological mapping and soil sampling (EMPR ASS RPT 13455). The bulk of this work was carried out in the vicinity of the main showing. A 3.5 kilometer grid was established and approximately 112 hectares was mapped on a scale of 1:5000. A total of 132 soil samples were collected and analyzed by multi element I.C.P. with gold analyzed by atomic absorption. Some weak coincident gold - lead soil anomalies were reported from this work; however no follow up was implemented. A 60 centimeter chip sample across the main sulphide vein returned values of 0.34 g/t (0.01 oz/t) gold, 78.9 g/t (2.3 oz/t) silver, 7.74% lead and 15.38% zinc. The total cost of the 1985 program was $7025.00.

The last recorded work on the Quartz - Silver MinFile showing was in 1987, at which time the ground was held by Mount Allard Resources through an option agreement with the Kalum Mining Group. The work was carried out by OreQuest Consultants Limited (EMPR ASS RPT 16411), and the program included geological mapping, soil and rock geochemistry, prospecting, VLF and magnetometer surveying. Cut lines were established over two zones on the property for survey control. A total of 828 soil samples, 90 silt samples, 8 rock chip samples, and 14 rock samples were collected. Soil and silt geochemical surveys outlined a number of weak to moderate gold - silver - lead - zinc - copper anomalies. Results of the VLF and magnetometer surveys were largely inconclusive, with a weak east - west trend identified by the magnetometer on the northern grid. Mapping was limited to creek beds and road cuts due to overburden cover over most of the property. A number of felsic dykes, as well as minor quartz - sulphide veins were noted. A program of additional geochemical sampling and trenching was recommended. The cost of the program was not included in the assessment report.

Misty Occurrence

MINFILE NAME **MISTY;** OTHER NAMES MOSS, CREEK

MINFILE NUMBER **103I 213**

The Misty Claim was staked by C.C.H. Resources Ltd. during 1979 on the basis of a stream sediment anomaly indicated by a B.C. Ministry of Mines regional silt sampling program. Geological mapping, prospecting, silt sampling and reconnaissance soil sampling were carried out during 1979 and 1980. The soil geochemistry indicated widespread anomalous gold and arsenic values to the east of the Misty Claim and led to the staking of the Misty I Claim during 1981. The total costs of the programs were $2193.98 and $8210.99 respectively.

In August 1980, the Misty claim was sold to C.C.H. Resources Ltd.'s parent company, Campbell Chibougamu Mines Ltd. which later changed its name to Campbell Resources Inc. The claims were then sold to another wholly owned subsidiary, C.C.H. Minerals Ltd. on April 6th 1981 with Campbell Resources remaining as operator. Campbell Resources completed geological mapping and soil sampling in 1981 (EMPR ASS RPT 10128). A total of 303 soil samples and 6 rock samples were collected and analyzed for Au, Ag, and As. The soil geochemistry indicated a large area with anomalous gold values. The total cost of the 1981 program was $17,959.75.

An extensive program was carried out by Campbell Resources during 1982 to investigate the gold anomalies (EMPR ASS RPT 10827). This included staking the Misty II Claim and hand-trenching and rock geochemistry over the soil geochemical anomalies. A total of 40 soil samples and 113 rock chip samples were collected and a total of 102 meters of trenching and 270.21 meters of NQ diamond drilling was completed. A system of auriferous quartz veins and veinlets in a fracture zone was found in the soil geochemical anomaly on the Misty I Claim. Assays of up to 77.30 gms per tonne (2.25 oz/ton) gold were obtained from the narrow veinlets. Chip sampling in the trenches returned values of up to 21.6 g/t Au over 60 centimeters and 4.9 g/t over 1.1 meters. The geochemical results indicated good correlation between bedrock gold sources and anomalous soil samples. Five diamond drill holes tested the fracture zone and gold soil geochemical anomaly in the area of the “Wishbone” anomaly trenches. Core recoveries were very poor and led to inconclusive results. Further work was recommended including detailed mapping, soil geochemistry, trenching and diamond drilling. The total cost of the 1982 program was $68,825.56.

Mascot Gold Mines Ltd. purchased the claims in 1984. In 1986, Mascot Gold carried out prospecting and soil geochemical and geophysical surveys (EMPR ASS RPT 15455). A total of 336 soil samples, 3 silt samples and 87 rock samples were collected. The results extended existing soil geochemical anomalies and located additional gold soil anomalies. A total of 8.725 line kilometers of VLF and 7.8 kilometers of total field magnetics were run. The magnetic survey was successful in locating the contact between sedimentary and intrusive rocks. The results from the VLF survey were largely inconclusive. The total cost of the 1986 program was $36,532.00.

1987 work by Mascot consisted of linecutting, prospecting and soil and rock geochemical sampling (EMPR ASS RPT 16302). Several gold geochemical anomalies with coincidental arsenic, lead and zinc anomalies were found. The Creek and Moss Veins were also located during this time, and the Misty 3 and 4 Claims were staked. Further work was recommended including geological mapping, trenching, soil sampling and diamond drilling. The total cost of the 1987 program was $50,879.77.

In 1988, the property was acquired by Corona Corporation with the 1988 field program on the Misty claims funded by Goldways Resources Ltd. The 1988 program concentrated on investigating the gold geochemical anomalies and quartz veins on the Misty 4 and Misty Claims (EMPR ASS RPT 17952). Soil sampling, magnetometer and VLF EM surveying, geological mapping and prospecting was carried out. A total of 110 rock samples and 560 soil samples were collected and analysed for 31 element ICP plus gold by fire assay.

No broad gold soil geochemical anomalies were located by the 1988 program. A number of quartz bedrock and float samples located on the property gave anomalous values in gold and silver. Prospecting of the previously-located soil anomalies indicated that trenching would be required to determine the causes of the anomalies. A total of 20.5 kilometers of VLF Electromagnetic and 20.8 kilometers of Total Field Magnetic ground surveying were completed. The magnetic survey appeared to be partially successful in distinguishing contacts between intrusive and sedimentary rocks. The VLF EM survey indicated four main northwest-trending conductor systems. A limited program of trenching was carried out on the Creek and Moss veins. Recommendations for further work included:

1) Completing the magnetometer and VLF EM surveys on the 1987 and 1988 grids.

2) Completing the geological mapping and prospecting over the remaining parts of the property.

3) Investigating the VLF EM conductor systems by prospecting and/or trenching to test their association with shearing and possibly quartz veining and precious metal mineralization.

4) Investigating the 1987 gold and arsenic soil geochemical anomalies by hand trenching.

5) Completing the trenching and sampling on the Creek and Moss veins to fully evaluate them.

The total cost of the 1988 program was $55,000.00. The 1988 program is the last work recorded on the Misty Property and Misty showing area.

Chris Occurence

MINFILE NAME **CHRIS;** OTHER NAMES ORO, IKE, BEAVER, MAYOU, LAURA

MINFILE NUMBER **103I 174**

The Chris vein showing was first staked in 1945 by S.R. Ling and W. Jorgenson. Minimal work was done by the original stakers. The first physical work, in the form of a number of trenches, was done in 1950 by Lake Expanse Gold Mines Ltd. No further work was done until 1959 when Conwest Exploration Co. Ltd. located a number of new trenches and put in a good walking trail to the property from the existing logging road system. Samples from their trenching averaged 0.5 oz/ton Au and 2.8 oz/ton Ag, with assays up to 4.96 oz/ton Au and 173 oz/ton Ag. Conwest dropped their option on the property and nothing was done on it until 1962 when Kootenay Base Metals drove a 57.1m (202') adit into the vein structure.

No other significant work was done on the Property until Prism Resources Limited staked the Chris claims in September 1979. Prism's 1980 work consisted of clearing the portal, cleaning and mapping the adit. (EMPR ASS RPT 8393). The 1980 report concluded that the 1962 adit was in sound shape, but appeared to have missed the major shear vein system exposed on surface in the area of the portal. Recommendations included detailed sampling of veins, surface prospecting and geophysics to determine the presence of parallel structures to the main vein system, and underground diamond drilling. The total cost of the 1980 program was $7179.82.

1981 work by Prism Resources included: l22.7m (402.5') of IAX drilling in five holes; geological mapping at a scale of 1:1000 over a grid 300m x 200m; cleaning, blasting and sampling of 23 old and new trenches; installing a geochemical grid 400m x 250m with a 50m line spacing and a 25m sample spacing; collecting a total of 99 samples and conducting a topographic survey of the two previously mentioned grids.

The results from the 1981 program indicated that gold and silver values were relatively consistent throughout the 300m length of the main vein system: the average value of chip samples collected along the entire 300 meter length of the vein was 11.25 g/t Au, 80.57 g/t Ag and 1.4% Pb. The greatest widths of the vein are at the east and west ends; the west end is cut off by cliffs but the east end is still open to further exploration. Sampling of another vein 40 meters to the south of the Main vein returned an average value of 2.09 g/t Au, 8.23 g/t Ag and 0.1 % Pb over approximately 35 meters of strike length. Soil geochemichal results indicate the presence of a possible mineralized structure along strike to the east of the known Main vein and continuing for another 300m.

Five IAX-size drill holes, three from surface (107.0m) and two underground (15.5m), with an aggregate length of 122.7m (402.5') of IAX-size core were drilled to test for surface and underground extensions of the Main vein. Core recoveries were very poor and although mineralized quartz veins were intersected, the size and grade of the veins could not be evaluated (Cavey, 1981). The drill contract was terminated because the drill was not getting the recoveries necessary to properly evaluate the property.

Recommendations included in the 1981 report were for further diamond drilling using a larger drill to improve core recovery. The report also concluded that consideration must be given to road access to the property from the existing system of logging roads. The total cost of the 1981 program was $48,591.87.

Martin Occurence

MINFILE NAME **MARTIN;** OTHER NAMES NOBLE, REX, GLEN NO.1

MINFILE NUMBER **103I 020**

No assessment work has been recorded on the MARTIN showing area. The MARTIN mineralization consists of gold-bearing quartz veins near the contact between sediments and granodiorite. A 30.0 centimeter sample collected from the main vein assayed 8.2 grams per tonne gold, 137 grams per tonne silver and 4.0 per cent lead (Minister of Mines Annual Report 1928). A second parallel vein, 50 meters from the main vein assayed 6.8 grams per tonne gold and 12.3 grams per tonne silver over 0.18 meters (Geological Survey of Canada Memoir 205).

Hat Occurrence

MINFILE NAME **HAT;** OTHER NAMES DRUM, KIT

MINFILE NUMBER **103I 173**

Don Young and Peter Ogryzlo staked the KM and Drum claims in 1979 to follow up a reconnaissance geochemical survey sponsored by the B.C. Dept. of Mines and Petroleum Resources which indicated that the Mayo Creek ridge was anomalous in arsenic and silver. Reconnaissance prospecting and following float and stream sediment dispersion trains led to the discovery and acquisition of the Hat and Flare claims in 1980. The first recorded assessment work on the HAT showing area is 1981(EMPR ASS RPT 10045). The property owners undertook stream sediment sampling, prospecting, and geological mapping. Detailed sampling was conducted on the projection of the CHRIS vein mineralization onto the KM9 claim, and on the DRUM arsenopyrite showing. A total of 40 stream sediment samples, fifteen soil samples and ten rock chip samples were collected and analyzed for Au, Ag, Hg, Cu, Pb, Zn, As and Co. The report concluded that precious metal values appeared to be associated with quartz-arsenopyrite veins, which in turn appear to be associated with a diorite intrusion. Further work including detailed soil geochemistry, trenching and diamond drilling was recommended. The total cost of the 1980 - 81 work was $7682.00.

The last-recorded work on the property was conducted by the owners during the 1982 field season (EMPR ASS RPT 10821). The goal of the project was to map and sample veins on the Property. Geological mapping was included in the sampling program, and float prospecting was used to search for other veins. Geochemical rock analyses were performed to clarify trace element associations with the precious metals. A total of 16 float samples, 19 grab samples, 11 chip samples and one stream sediment sample were collected. The samples were analysed using a thirty-element ICP package. A number of quartz veins with arsenopyrite, galena, sphalerite and pyrite were noted, generally associated with a later diorite intrusive. The best geochemical values returned were 41.10 g/t Au and 9587.8 g/t Ag from a chip sample of vein material. The total cost of the 1982 work was $5890.00.

The Full and Moon claims were staked in 1986 by Don Young and Peter Ogryzlo to cover mineralized quartz veins discovered approximately 3 kilometers southwest of the CHRIS showing. The veins were discovered by following up stream-sediment geochemical anomalies and quartz float dispersion trains.

No previous reference to these veins is known, and therefore the largest vein may have been exposed by retreating snow and ice shortly before the discovery.

The object of the 1987 program was to chip sample and map the most highly-mineralized veins discovered during the initial exploration, to sample the mineralized stockwork zones, and to extend the area of mapping and prospecting (EMPR ASS RPT 17890). Geological mapping located a number of precious-metal-bearing quartz veins clustered in and around a younger composite multiphase stock of predominately diorite composition. A total of 7 soil and 26 rock samples were collected and analyzed by induced coupled plasma (ICP) for Cu, Pb, Ag and AS, with all samples analyzed for Au using AA.

Over thirty veins were noted associated with the diorite stock, fifteen of which had significant precious metal values. The 5000 vein returned values of 6.1 g/t Au and 17.3 g/t Ag from a 100-cm chip sample, the 4700 vein returned values of 7.3 g/t Au and 1077 g/t Ag from a 45-centimeter chip, and the PICK vein returned 4.8 g/t Au and 380 g/t Ag over a 70-cm chip. Samples from veins discovered during the 1987 program also returned precious metal values of up to 5.7 g/t Au and 429.6 g/t Ag from a 30-centimeter chip. Also significant was a grab sample of ankeritic vein material collected from a talus field which returned a value of 50.4 g/t Ag. Further work was recommended for the Full and Moon claims including more detailed sampling at depth of the 5000, 4700 and PICK veins to determine potential for economic tonnage and grade, as well as more detailed sampling on the veins discovered during 1987. The report also recommended further exploration of ankeritic alteration zones. The total cost of the 1987 program was $4824.95. Work by Eagle Plains Resources in 2003 indicated that the Full / Moon showing is likely the same structure referred to as the Hat.

History of work by Eagle Plains Resources Ltd.

2003 Exploration by Eagle Plains Resources Ltd.

Eagle Plains Resources Ltd. completed a significant exploration program on the Kalum Au-Ag property between June and August 2003. The program included geological mapping and prospecting, rock grab and channel sampling, and stream sediment and soil sampling. The program was very successful and defined numerous new, high-grade zones of Au-Ag mineralization. These included four new showings: Bling/Rico, Tuppie, Tojo and Nelson Creek. In addition, many of the historical showings on the property were located, sampled and surveyed. This work confirmed that the Kalum property is highly prospective for economically viable, Au-Ag epithermal vein-type deposits.

The 2003 exploration program consisted of silt sampling, soil sampling, geological mapping, and prospecting. A total of 1225 soil samples, 408 rock samples and 341 silt samples were collected with 1:10000 scale geological mapping traverses over approximately 100 square kilometers. For a detailed account of the 2003 exploration program and results, please refer to Downie and Mosher, 2003 and Downie and Stephens, 2003. Total expenditures for the 2003 exploration program were C$258,745.60.

2004 Exploration by Eagle Plains Resources Ltd.

2004 work by Eagle Plains followed up on recommendations generated by the 2003 work. This consisted of a three-phase program that included a 1512.3 km winter VTEM airborne geophysical survey and a very extensive geochemical program that included 1578 soil samples, 158 rock samples, 152 vein samples and 7 silt samples. A two week, 5-person fly camp was also established just below the Tuppie showing. This program also included a 19 hole diamond drill program which intersected high-grade Au mineralization at every showing tested. For a detailed account of the 2004 exploration program and its results, please refer to Downie and Gallagher, 2004. Total expenditures for the 2004 exploration program were C$909,719.

2005 Exploration by Eagle Plains Resources Ltd.

Analytic results derived from the 2003 - 2004 geologic, geophysical, and geochemical dataset is consistent with the Hat area of the Kalum property possessing the best potential to host high-grade and bulk-tonnage Au mineralization. Eagle Plains Resources Ltd. developed an exploration program to test this new theory. It consisted of a two week, 10 person fly camp in the Hat area, from which surficial geology and geochemistry exploration programs were based. A modest diamond drilling program, consisting of 3 holes from one pad totaling 568.75m was also based from this camp. Although the limited drill program did not intersect ore grade Au-Ag mineralization, results from the surface programs were very encouraging, resulting in the discovery of three new high-grade polymetallic Au – Ag showings. Total 2005 exploration expenditures by Eagle Plains Resources Ltd. on the Kalum property was $327,086.87.

On October 09, 2007 Mountain Capital Inc. and Eagle Plains Resources Ltd. signed a letter of intent pursuant to an option agreement on the Kalum Property. Under the terms of the option agreement MCI can earn a 60% interest in the Kalum Property, commencing on the date of signing of a formal Agreement by both parties, by making make cash payments to Eagle Plains totalling $500,000, carrying out $4,000,000 in exploration expenditures on the Property and issuing an aggregate of 500,000 common shares of MCI.

GEOLOGY

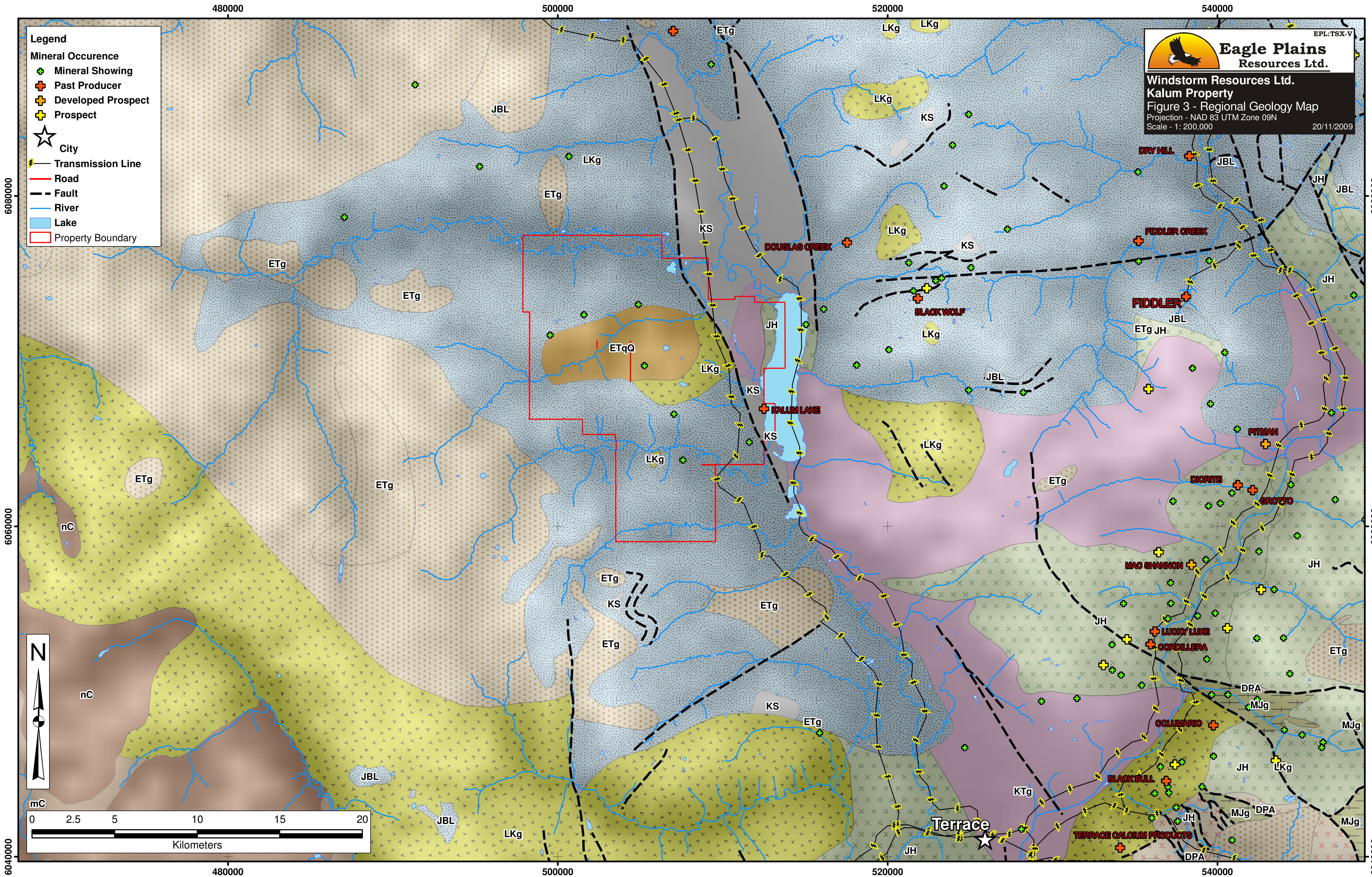
Regional Geology

The geology in the Terrace area is dominated by a broadly anticlinal structure that trends NNE from Kitimat, has core of Paleozoic carbonate rocks and is flanked to the east and west by Mesozoic volcanics. This axis is the locus of hot springs and two stockwork-molybdenum deposits at Nicholson (Shannon) and Fiddler Creeks (Figure 3a). Evidence of rifting and extensional tectonics is seen in the Kitsumkalum valley, where Mesozoic volcanics are exposed in the valley adjacent to Paleozoic carbonates on the valley slopes. The Tseaux lava field, some 40 km north of the property, is the site of recent (400 year) volcanic activity.

The Kalum Property lies within the Kitimat Range of the Coast Mountains physiographic subdivision, 10 km west of the boundary with the Nass Range section of the Hazelton Mountains physiographic subdivision. The Coast Mountains are comprised of Jurassic-age and older sedimentary and volcanic rocks that have been intruded by the Cretaceous Coast Crystalline Complex. This belt of granitic rocks stretches from Vancouver into the Yukon, and is comprised chiefly of granodiorite, quartz diorite and diorite.

Local Geology

The Kalum Property is located on the northeast-trending contact between dioritic intrusions of the Cretaceous-age Coast Crystalline Complex, and the fine-grained sedimentary and volcanic sequence of the Upper Jurassic to Lower Cretaceous-age Bowser (Lake) Group. The Bowser Lake Group consists mainly of marine and freshwater shale, arenite, greywacke, conglomerate, argillite, and minor tuff. Intrusions range in composition from quartz monzonite to granodiorite and diorite and vary in size from small stocks to large batholiths. Contacts between the intrusions and sedimentary rocks are generally irregular. Hypabyssal rocks, in the form of porphyritic, aplitic, and basaltic dikes and sills, intrude both the sediments and Coast granitoids. On the northern part of the Property, in the area of the Chris occurrence, cross cutting rhyolite dykes have also been reported (Young and Ogryzlo, 1988).



Eagle Plains Resources Ltd.
EPL:TSX-V
Windstorm Resources Ltd.
Kalum Property
Figure 3 - Regional Geology Map
Projection - NAD 83 UTM Zone 09N
Scale - 1: 200,000
20/11/2009
Legend
Mineral Occurence
Mineral Showing
Past Producer
Developed Prospect
Prospect
City
Transmission Line
Road
Fault
River
Lake
Property Boundary
Kilometers
0 2.5 5 10 15 20
480000
500000
520000
540000
6040000
6060000
6080000
DOUGLAS CREEK
BLACK WOLF
KALUM LAKE
DRY HILL
FIDDLER CREEK
FIDDLER
PITMAN
DIORITE
GROTTO
MAC SHANNON
LUCKY LUKE
CORDILLERA
COLUMARIO
BLACK BULL
TERRACE CALCIUM PRODUCTS
Terrace
ETg
ETqQ
LKg
KS
JH
JBL
nC
mC
KTg
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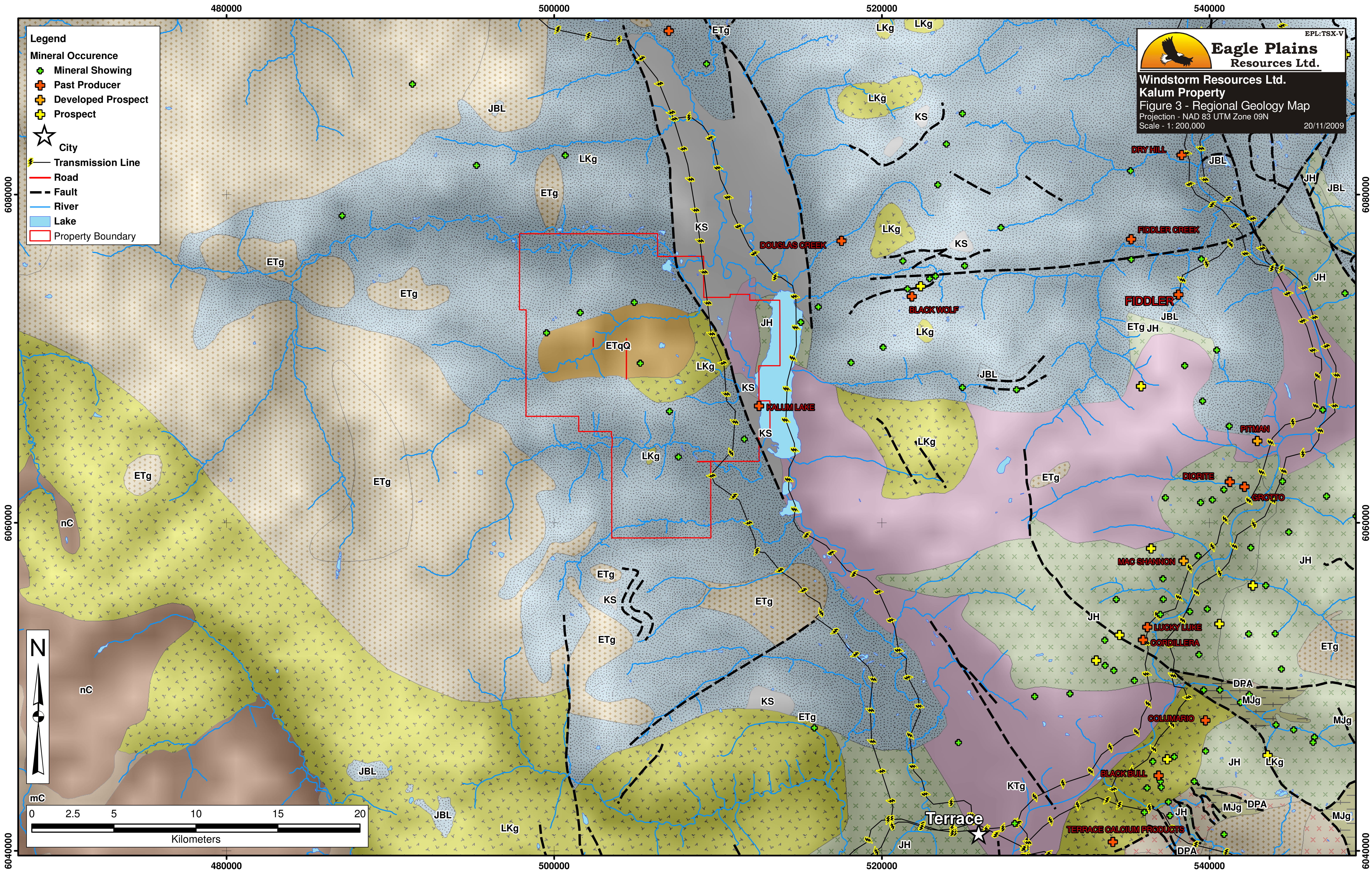

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Property Boundary
N
0 2.5 5 10 15 20
Kilometers
480000
500000
520000
540000
6080000
6060000
6040000
DOUGLAS CREEK
BLACK WOLF
KALUM LAKE
DRY HILL
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FIDDLER
PITMAN
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LUCKY LUKE
CORDILLERA
COLUMARIO
BLACK BULL
TERRACE CALCIUM PRODUCTS
Terrace
ETg
ETqQ
LKg
KS
JBL
JH
KTg
DPA
MJg
nC
mC

Property Geology

The Kalum Property is centered on an irregularly shaped granodioritic pluton of the Coast Crystalline Complex that has surface dimensions of approximately 8 by 12 km. This pluton and many associated smaller intrusions were emplaced into Upper Jurassic to Lower Cretaceous Bowser Lake Group sedimentary rocks.

Lithology

The Bowser Lake Group

Bowser Lake Group rocks on the property comprise a monotonous package of arenite, greywacke, siltstone and mudstone, with lesser carbonaceous mudstone and conglomerate. Bedding is generally upright with variable strike, although all dips are generally shallow and mostly under 40°. Three broad, stratigraphic units were identified during the 2003 field season. The lower greywacke unit that comprises mostly greywacke, with lesser conglomerate, siltstone and mudstone, dominates the southern portion of the property. The central mudstone unit dominates the central portion of the property and consists of mudstone with lesser greywacke, siltstone and carbonaceous mudstone. The upper greywacke unit that consists of massive greywacke, with some interbedded mudstone and minor carbonaceous mudstone, dominates the northern part of the property. Bowser Lake Group rocks south of Nelson Creek locally have a penetrative foliation. The more pelitic units contain muscovite and chlorite, and indicate pre-Coast Plutonic Complex metamorphism of sub- to lower greenschist facies.

Hand sample rock descriptions were done on three of the types of Bowser units, the greywacke, the feldspathic arenite and the mudstone/shale were done during the geological mapping around the Hat showing in 2005. The sedimentary units, especially the sandstones, are very difficult to distinguish and have highly irregular contacts, and so are mapped for the most part as undifferentiated Bowser sediments.

The greywacke is dark grey in colour and for the most part massive. It is moderately well sorted, with fine to medium-grained quartz grains that are difficult to distinguish with the naked eye. The rock is comprised roughly of 70% grains, most of which are quartz and 30% calcite matrix. Calcite is also very commonly seen on fractured surfaces.

The feldspathic arenite is usually green-grey in colour and poorly sorted. The rock is comprised mostly (50%) of medium to coarse-grained sub-angular feldspar grains. The rest of the rock is comprised of medium to coars-grained calcite (25%), some kind of medium-grained dark grain (10%) and medium to coarse-grained quartz (5%). The matrix is comprised of calcite and quartz and represents 5-10% of the rock. Calcite veinlets of up to 2cm wide are common throughout. The rock can also occur with a more silica rich matrix but still has the same rock classification.

The shale/mudstone unit is dark black and very fine grained. The rock is usually very fissile and fractured and has a common rusty surface, evidence of some sort of low metamorphism. There is little to no mineralization, other than the rare patch of disseminated euhedral pyrite.

Instrusive Suites

The Coast Plutonic Complex and associated hypabyssal intrusions on the property have a large range in composition and texture. Two main intrusive suites, the Allard Pluton, and Hat quartz diorite – diorite have been mapped in detail (Figure 7).

The main pluton, here named the Allard Pluton, has an irregular, east-west elongate shape, with a large embayment of Bowser Lake Group sedimentary rocks on the western side Figure 4. The outcrop pattern along the northern margin indicates that the contact here is likely to be steeply dipping, perhaps to the north. Exposed contacts and outcrop patterns across the central and southern portions of the property indicate an irregular, shallowly dipping, partially bedding-controlled sill-like geometry for the main pluton in this area. The eastern portion of the pluton is cut by a NNW-striking, steep fault that may have experienced normal movement.

The Allard pluton is dominated by coarse-grained hornblende-porphyritic tonalite (locally poikilitic) and medium-grained hornblende-biotite granodiorite. The cupola of the pluton is exposed at the Tuppie Zone Figure 4. Dykes and sills of similar lithologic composition are common and display a strong foliation and / or carbonate alteration. A K/Ar cooling age of 100.2 ± 6.8 Ma was derived from the pluton (Godwin, unpublished in Breitsprecher and Mortensen, 2004).

The Hat Quartz Diorite – Diorite is an east – west trending elongate body north of Mayo Creek (Figure 7). It occurs as a weakly to strongly folded and foliated hornblende – pyroxene quartz diorite or diorite. Pyroxene remains fresh, while hornblende is altered to chlorite and pompellyite (Mihalynuk and Friedman, 2004). Mihalynuk and Friedman, 2004 obtained a U-Pb crystallization age of 93.8 ± 0.5 Ma for this intrusive.

Many sills, dykes and plugs of variable composition and texture intrude Bowser Lake Group rocks around the margins of the main plutons, in particular in the embayment region on the pluton's western side and to a much lesser extent the Allard pluton itself. The embayment of sedimentary rocks on the pluton's western side hosts numerous sills of medium and coarse-grained granodiorite that range in thickness from 300 metres to less than 1 m. Numerous other, generally thin (0.5 to 10 m), sills and dykes of granodiorite to diorite generally are fine- to medium-grained and have plagioclase as the main phenocryst phase. A sill of pyroxene-porphyritic diorite with unknown width intrudes the Allard pluton near its northern margin. A fine- to medium-grained lamprophyre sill crops out north of the northern margin of the Allard pluton. At least two small intrusions of garnet-plagioclase-muscovite granite crop out north of the main pluton. Plagioclase-porphyritic granite (rhyolite) sills and/or dykes crop out near the Chris adit (Young and Ogryzlo, 1988) and in the western embayment area. A small plug or sill of medium-grained quartz-syenite crops out NW of the Misty Moss Creek showing. Aplitic and pegmatitic dykes, and vein-dykes are also common around the main pluton boundaries, but have highest densities in the western embayment area.

Metamorphism

A weak contact metamorphic and metasomatic aureole exists around the main Allard stock and is normally 100 to 300 m in width. In most areas it is defined by limonitic fractures, weak silica alteration and disseminated pyrite, chalcopyrite and arsenopyrite. Rocks within the aureole, particularly the mudstones, have a distinctive rusty appearance. In general, no metamorphic minerals could be identified in hand sample in the contact aureole. However, a number of country rock roof pendants have contact metamorphic andalusite and biotite. This indicates low-pressure greenschist facies metamorphism in these areas.

Alteration

A number of different alteration assemblages associated with Au-Ag mineralization were observed in different areas across the property. These assemblages are summarized as follows:

1. Propylitic alteration (chlorite-epidote) associated with vein-dykes and aplite dykes (e.g. Moly zone), as pervasive alteration in more mafic portions of the stock (e.g. east of Hat vein) and associated with mineralized veins on the eastern side of the property (e.g. Kalum veins);
2. Ankeritic/silicic/pyritic alteration associated with mineralized veins hosted in granodiorite and diorite (e.g. Tojo, Hat);
3. Argillic/silicic/pyritic alteration around and distal to mineralized veins (e.g. Kalum, Burn and north Kalum);
4. Silicic and pyritic (lesser chalcopyrite and arsenopyrite) alteration as a pervasive phase in the contact aureole of the main stock;
5. Meter-scale carbonate alteration envelopes are commonly associated with polymetallic Au-Ag veins; particularly at the Tuppie and Hat zones (the most promising zones on the property).

Carbonate alteration is also associated with magnetite destruction and may be responsible for the magnetic low along the eastern margin of the Allard pluton.

Paragenesis

The 2003 field-mapping program by Stephens led to the recognition of the following broad, generalized magmatic-hydrothermal sequence (from oldest to youngest);

1. Granodiorite and diorite plutonism, contact metamorphism and metasomatism
2. Hypabyssal dykes and sills, mostly granodiorite to diorite in composition
3. Hypabyssal dykes and sills, more fractionated phases including plagioclase porphyritic granite (rhyolite), quartz-rich granite
4. Aplite dykelets with associated propylitic alteration
5. Vein-dykes of varying composition
6. Smoky quartz veins, some with feldspar selvages
7. Molybdenite-bearing veins with K-feldspar selvages hosted in main pluton
8. Main stage of Au-Ag bearing veins

It should be noted that many of these stages are transitional and overlap in both time and space. For example, many sills and dykes would be forming at the same time the main pluton was crystallizing, and aplite dykelets, vein-dykes and molybdenite-bearing veins are all closely associated with each other.

Structural Geology

The structural architecture of the rocks on the Kalum property can be described in terms of five main structural elements. These are: bedding, intrusive bodies (sills/dykes and pluton contacts), mineralized veins, faults and joints.

Bedding

Bedding in the Bowser Lake Group sedimentary rocks on the property has variable strikes and shallow to moderate dips. Cross-bedding in the greywacke units indicates that bedding is upright across the entire property. Stereonets show that the maximum density of bedding is at 240°/36° NW, with other sub-maxima at 236°/18° NW, 308°/30° NE, 020°/33° SE and 126°/36° SW. These data and field observations indicate broad warping of the bedding across a SSW-trending axis.

Intrusive bodies

Coast Plutonic Complex intrusive rocks on the property occur in the major pluton and as sills and dykes. In general, sills are more abundant than dykes. The sills and dykes are mostly granodiorite to diorite in composition (c.f. Property Geology section). Sills are mostly bedding parallel, and thus have variable orientations across the property. The stereonet maximum density for the sills is 162°/30° W and for the dykes is 129°/90°.

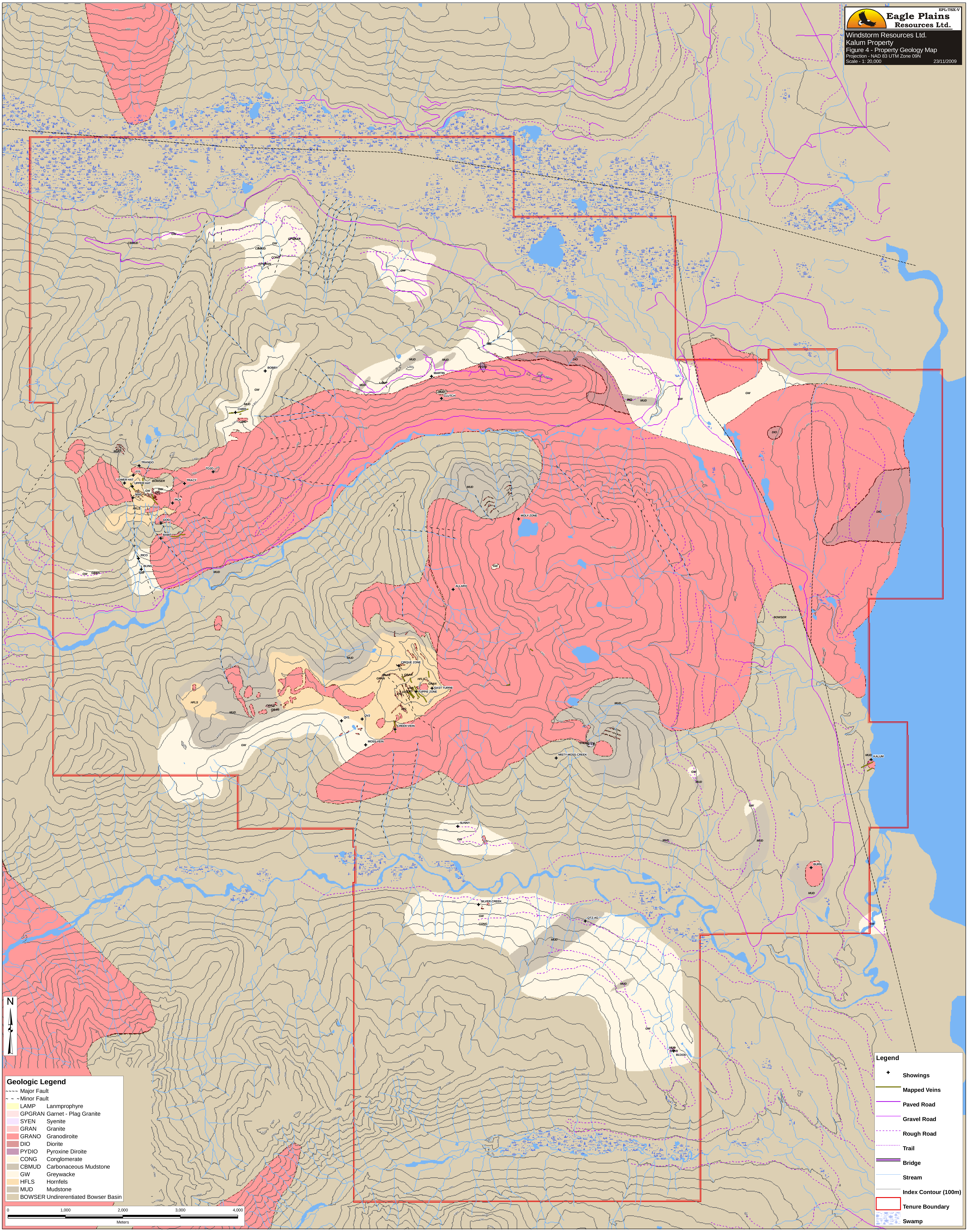
Faults

The faults measured in the field are dominated by a NNE-striking set with moderate to vertical dips and have a stereonet maxima at 026°/84° E. These faults cut all other geological features on the property and have a normal movement sense. The largest displacement observed was about 2 m (Fig lamprophyre photo offset). A minor set of NW-striking, steeply dipping faults, parallel to mineralized veins is also apparent.

The predominance of variably dipping, NNE-striking normal faults is consistent with a late extensional event that had a vertically plunging σ_1 and horizontally plunging, ESE-directed σ_3.

Joints

Joints measured on the property fall into three major sets that have stereonet maxima at 139°/66° SW, 352°/72° E and 236°/72° NW. The first two sets have NW strikes and thus are likely to be related to the NW-striking set of shear veins. The minor NE-striking joint set corresponds with the NW-striking set of vein-dykes.


EPL/TSX-V
Eagle Plains Resources Ltd.
Windstorm Resources Ltd.
Kalum Property
Figure 4 - Property Geology Map
Projection - NAD 83 UTM Zone 09N
Scale - 1: 20,000
23/11/2009
Geologic Legend
Major Fault
Minor Fault
LAMP Lanmprophyre
GPGRAN Garnet - Plag Granite
SYEN Syenite
GRAN Granite
GRANO Granodiroite
DIO Diorite
PYDIO Pyroxine Diroite
CONG Conglomerate
CBMUD Carbonaceous Mudstone
GW Greywacke
HFLS Hornfels
MUD Mudstone
BOWSER Undirerentiated Bowser Basin
0
1,000
2,000
3,000
4,000
Meters
N
Legend
Showings
Mapped Veins
Paved Road
Gravel Road
Rough Road
Trail
Bridge
Stream
Index Contour (100m)
Tenure Boundary
Swamp
MOLY ZONE
ALLARD
CIRQUE ZONE
CREEK VEIN
MOSS VEIN
MISTY MOSS CREEK
SILVER CREEK
QTZ-AG
SUNNY
BOWSER
KALUM
MARTIN
CLUTCH
BOBBY
TRANGO
TRACY
LOWER HAT
UPPER HAT
BLOOD

2009 Exploration Program Results

Summary of work

Ten days were spent on the Kalum property from August 26th to September 4th, 2009. The crew was based in Terrace and traveled to the property from there daily. Four field days were helicopter supported and the property was accessed by gravel roads for the other six days. The goal of the program was to expand on previous work, from the 2008 field season as well as before. From this, the idea is to develop a handful of drill targets for the 2010 field season. Work on the property included prospecting, mapping, soil sampling and an IP geophysical survey. Time was spent in the Burn area, Tuppie/Cirque Zone, Lower Hat, east of the Babit zone and south of the Misty Showing. The program resulted in 16 rock samples, 324 soil samples and the completion of a 3.2 line km IP survey.

One day was spent on the property on July 19, 2008. The crew of two completed preliminary assessment of new claims on the very southern margin of the property.

Total expenditures for the 2009 exploration program were $ 109,835.43.

Geologic Mapping

Geologic mapping was focused to the north of the Tuppie zone. One area of investigation north of the Tuppie zone was mapped as sedimentary units but was coincident with an a very high magnetic anomaly identified from a previous airborne geophysical survey. Upon closer inspection, the intrusive contact in does not coincide with what has been mapped to date. It appears that intrusive is intruding beneath the sedimentary units and thus the result of the high magnetic anomaly.

Geochemical Results

A total of 324 soil samples were taken during the 2009 exploration program. This consisted of six soil sample lines over the Burn grid, one line in the Lower Hat area to follow up anomalous soil results found to the north of the line, two soil lines to the south of the Misty showing, attempting to extend the soil anomaly there to the south, two lines east of the Babit and Gatekeeper showings, attempting to trace the veining and coincident mineralization to the east and one line over the high magnetic anomaly described in the geologic mapping section above.

Rock and Soil Sampling Results

Two days were spent east of the Babit zone, attempting to follow the lower veining to the east. There is limited exposure in the area and where it is exposed, it is inhibited by difficult terrain. One grab sample (DKKMR003) just to the east of the last vein outcrop returned 1.17 g/t Au and 64.3 g/t Ag. A grab sample (AHKMR040) of a small quartz vein 120 m higher elevation than the lower vein and in the next gulley to the east returned 6.93 g/t Au. Two soil lines were run down the slope to test for the vein extension. One sample, located at the same elevation as the vein extension returned a value of 2037 ppb Au ~100 m to the east of the last vein outcrop. On a second line, located another 1 km to the east, one sample returned an anomalous value for Au, which extends the strike length of the Lower vein by a significant amount.

One day was spent in the lower Hat area, infilling and investigating some anomalous gold values found in soils. The anomalous zone seemed to have very poor soil development, with steep talus to the east and the line running right below/through a cliff zone to the west. A grab sample (AHKMR036) of an iron and quartz matrix breccia, taken very close to the junction between the creek and the anomalous soil line K033, returned 4.81 g/t Au. A soil line was run just to the south of the anomalous line K033. A few samples returned slightly anomalous values for Au but more investigation is needed.

Three days were spent in the Tuppie/Cirque Zone. One day was spent channel sampling the existing mineralized showings to get good representative samples. The other two days were spent prospecting and mapping to the north of the Tuppie Zone. In one area, which showed a high magnetic response from airborne geophysics, it appears that the intrusive contact is quite a bit different than what has been mapped to date. The contact appears highly irregular and this change could reflect the magnetic high located in previously mapped sediments. Lower down in the Cirque zone, a number of new quartz vein occurrences were located, the best result being from grab sample DKKMR002, returning 973 g/t Au and 502 g/t Ag. Another occurrence near this location returned 2.54 g/t Au and 32.3 g/t Ag (AHKMR039), while a third occurrence returned 0.12 g/t Au, 100 g/t Ag, 2.5 % Pb and 7.2 % Zn (AHKMR038).

One day was spent expanding on the Misty soil grid to the south. The historic lines contained slightly anomalous values of gold. Many of the anomalous samples are located in an avalanche slide path. One soil line completed to the south of the historic anomalous lines extended the anomaly to the south.

Two days were spent in the Burn area, completing soil sampling on the existing cut grid line, to compare with IP and drilling results from the 2008 exploration program. A number of samples returned anomalous values for Au, the highest being 993.8 ppb with others at 600, 400, 300 and 250 ppb Au.

The one day spent on the very southern new claims did not return any sgnificant values for elements of interest.

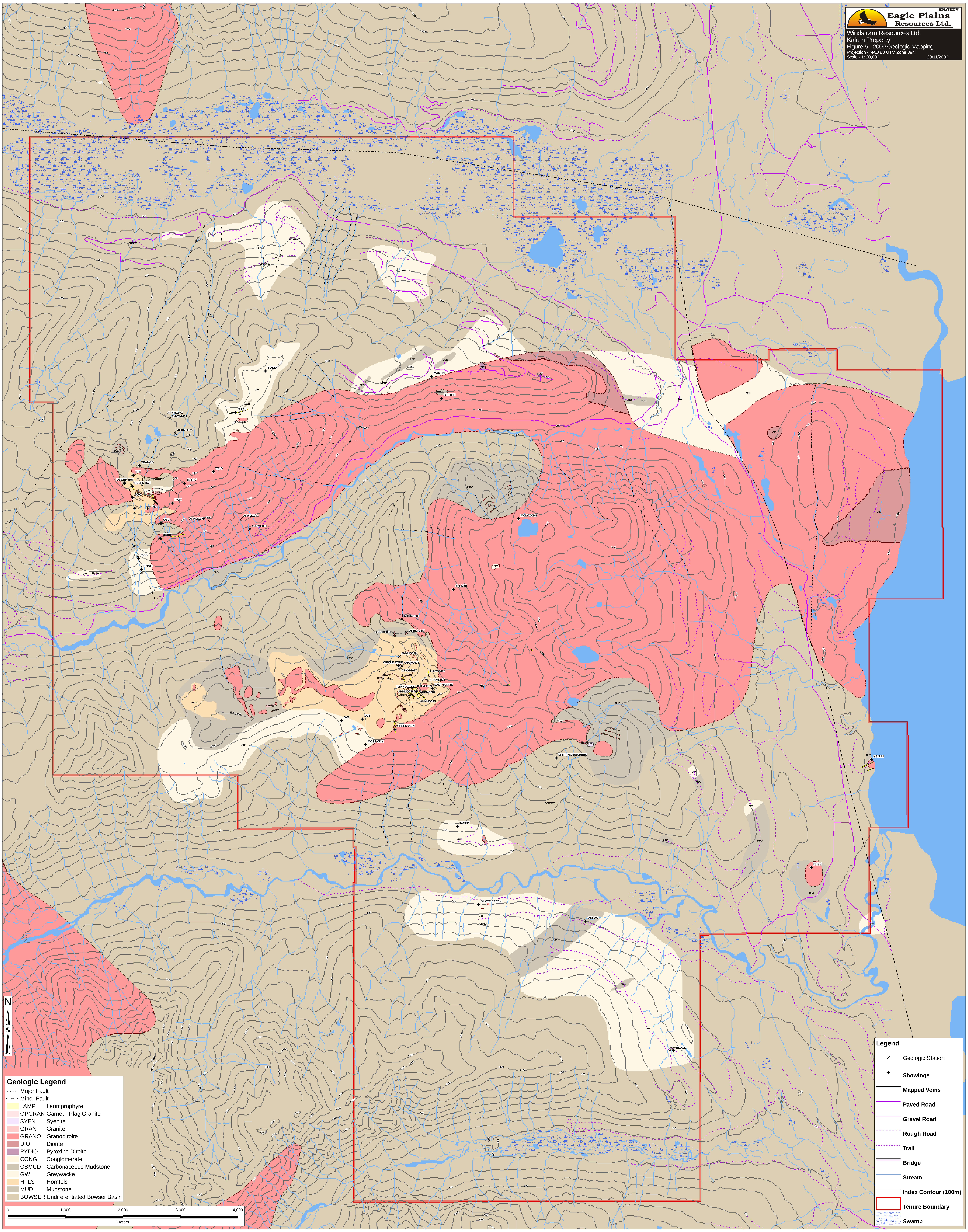
Geophysical Results

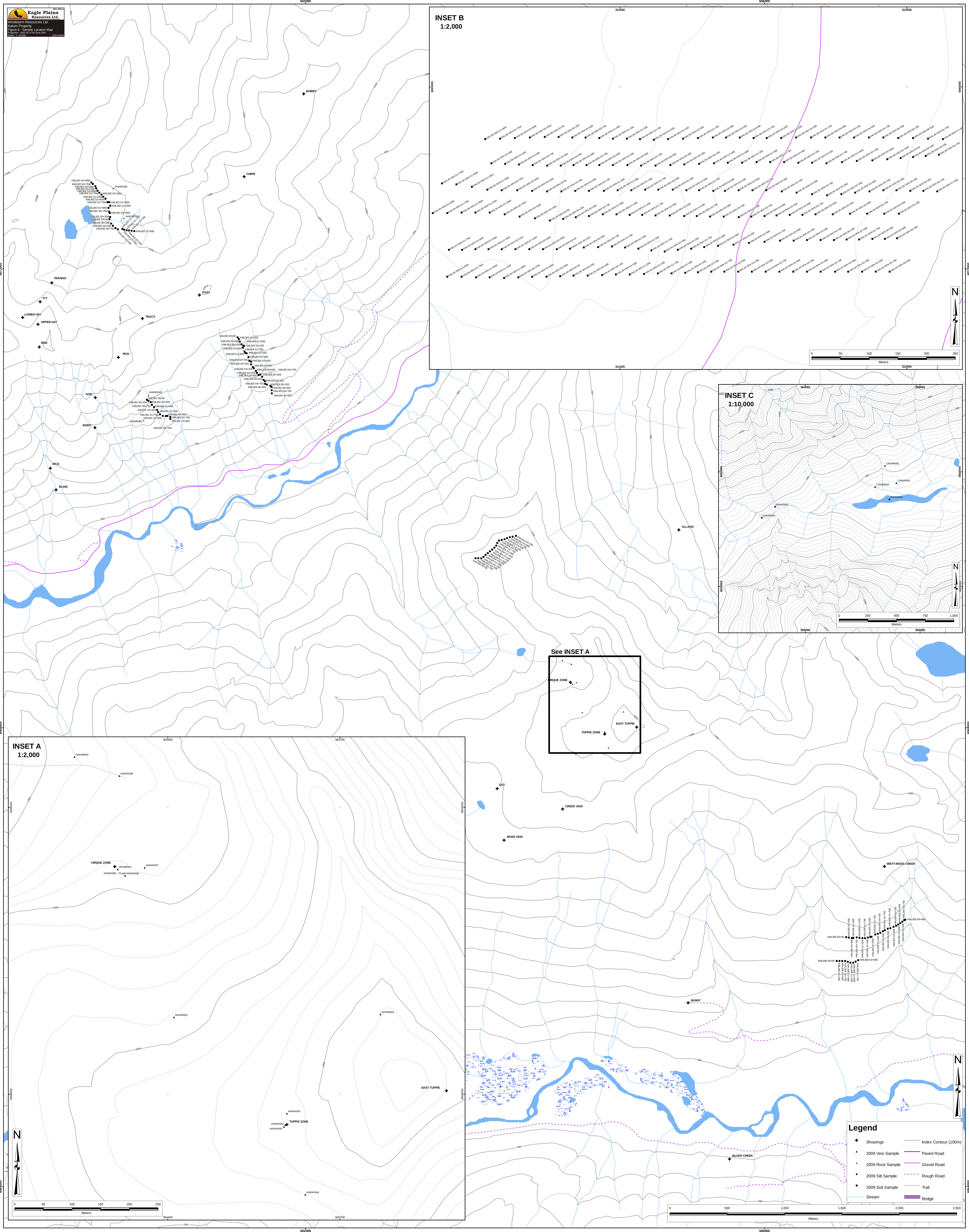
An Induced Polarization survey consisting of a modified pole – dipole 3D I.P. survey was carried out on the Burn grid area during the period October 09 - 16, 2009 by S.J. Geophysics Ltd. of Delta, B.C. A total of 4..05 line km of survey were completed on 5 lines.

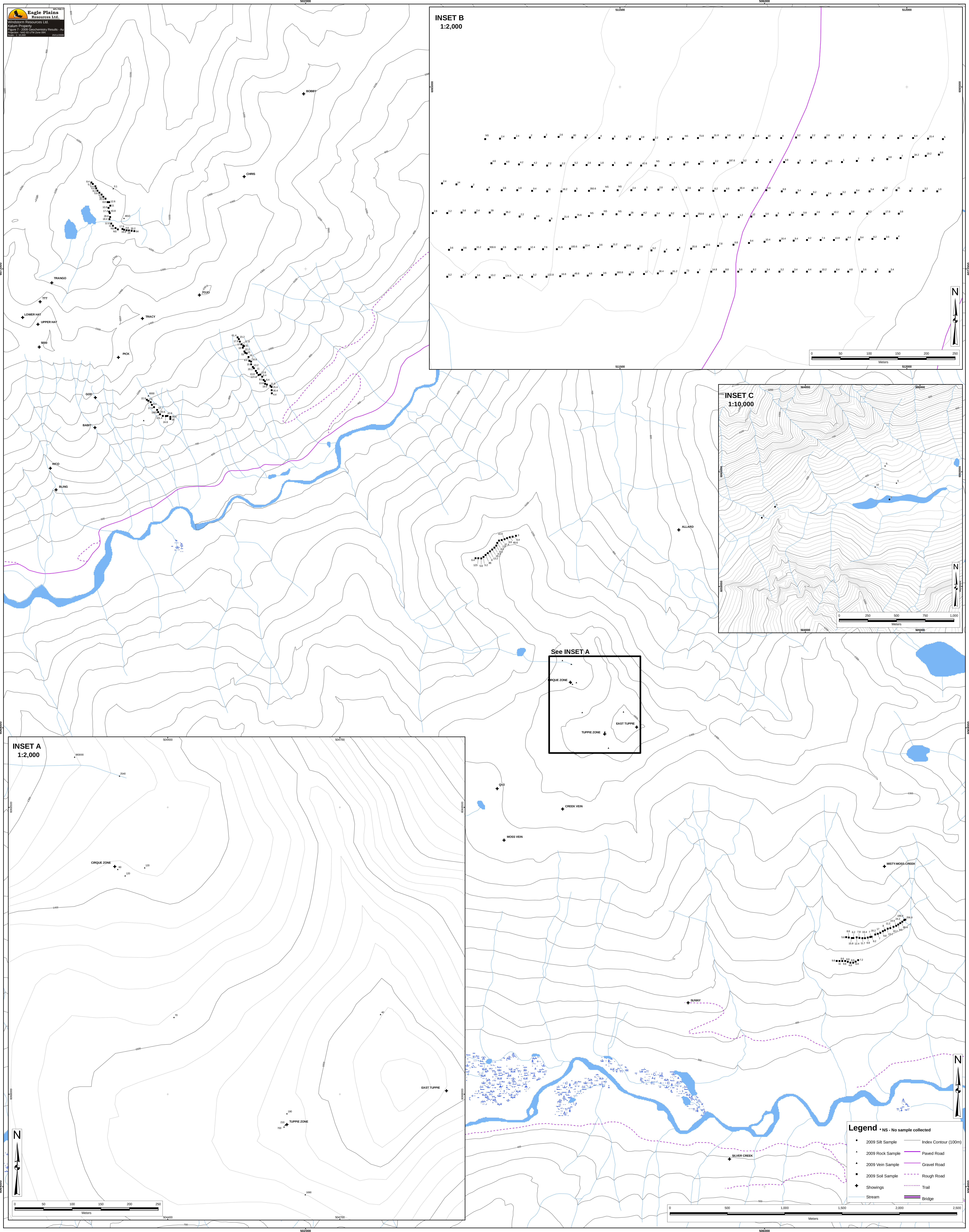
The survey was the continuation of the 2008 survey which was stopped before the entire grid was surveyed due to torrential rains which rendered the ground conditions unsafe. The 2008 survey indicated a possible correlation between high chargeability anomalies and a pervasive pyrite in the granodiorite. The resistivity component of the survey was interpreted to be useful in imaging the depth from surface of the granodiorite stock.

The 2009 survey located similar resitivity / chargeability features, but a final interpretation of the inversion models by a professional geophysicist has not been completed.

The full Logistical Report and added memo is found in Appendix VII.


EPL:TSX-V
Eagle Plains Resources Ltd.
Windstorm Resources Ltd.
Kalum Property
Figure 5 - 2009 Geologic Mapping
Projection - NAD 83 UTM Zone 09N
Scale - 1: 20,000
23/11/2009
Legend
Geologic Station
Showings
Mapped Veins
Paved Road
Gravel Road
Rough Road
Trail
Bridge
Stream
Index Contour (100m)
Tenure Boundary
Swamp
Geologic Legend
Major Fault
Minor Fault
LAMP Lanmprophyre
GPGRAN Garnet - Plag Granite
SYEN Syenite
GRAN Granite
GRANO Granodiroite
DIO Diorite
PYDIO Pyroxine Diroite
CONG Conglomerate
CBMUD Carbonaceous Mudstone
GW Greywacke
HFLS Hornfels
MUD Mudstone
BOWSER Undirerentiated Bowser Basin
0
1,000
2,000
3,000
4,000
Meters
N
MOLY ZONE
ALLARD
MISTY MOSS CREEK
SILVER CREEK
SUNNY
KALUM
TRACY
BOBBY
MARTIN
CLUTCH


EPL:TSX-V
Eagle Plains Resources Ltd.
Windstorm Resources Ltd.
Kalum Property
Figure 6 - Sample Location Map
Projection - NAD 83 UTM Zone 09N
Scale - 1: 10,000
20/11/2009
INSET B
1:2,000
INSET C
1:10,000
INSET A
1:2,000
See INSET A
BOBBY
CHRIS
TRANGO
TOJO
TTT
LOWER HAT
UPPER HAT
TRACY
5000
PICK
GOD
BABY
RICO
BLING
ALLARD
CIRQUE ZONE
EAST TUPPIE
TUPPIE ZONE
QV2
CREEK VEIN
MOSS VEIN
MISTY MOSS CREEK
SUNNY
SILVER CREEK
Legend
Showings
2009 Vein Sample
2009 Rock Sample
2009 Silt Sample
2009 Soil Sample
Stream
Index Contour (100m)
Paved Road
Gravel Road
Rough Road
Trail
Bridge
Meters



EPL:TSX-V
Eagle Plains Resources Ltd.
Windstorm Resources Ltd.
Kalum Property
Figure 7 - 2009 Geochemistry Results - Au
Projection - NAD 83 UTM Zone 09N
Scale - 1: 10,000
20/11/2009
INSET B
1:2,000
INSET C
1:10,000
INSET A
1:2,000
See INSET A
BOBBY
CHRIS
TRANGO
TOJO
TTT
LOWER HAT
UPPER HAT
TRACY
5000
PICK
GOD
BABIT
RICO
BLING
ALLARD
CIRQUE ZONE
EAST TUPPIE
TUPPIE ZONE
QV2
CREEK VEIN
MOSS VEIN
MISTY MOSS CREEK
SUNNY
SILVER CREEK
Legend
* NS - No sample collected
2009 Silt Sample
2009 Rock Sample
2009 Vein Sample
2009 Soil Sample
Showings
Stream
Index Contour (100m)
Paved Road
Gravel Road
Rough Road
Trail
Bridge
Meters

Conclusions

Eagle Plains Resources Ltd. has consolidated a large land package consisting of 14 separate historical showings co-incident with a regional airborne magnetic anomaly and the contact zone of Cretaceous intrusive plutons. Since initiating property acquisition in 2003, Eagle Plains and it's partners have spent $1,921,834 on exploration on the Kalum property. The programs included airborne and ground based geophysics, regional and property scale geologic mapping, geochemical surveying and diamond drilling. In addition to locating, sampling and surveying many of the historical showings, a number of new showings including the Tuppie, the HAT, the Trango, the Cirque Zone and the Babbit have been discovered. This work confirmed that the Kalum property is highly prospective for economically viable, Au-Ag epithermal vein-type deposits. Drilling has resulted in high-grade Au including hole KRC04001, drilled at the Rico showing which returned 35g/t Au over 2.5m from 101.8m to 104.3m; including a 0.5m interval that assayed 107g/t Au.

Although most of the known showings have seen some evaluation, the HAT and the Burn areas have been the focus of more detailed work.

Mineralization at the HAT can be classified into two main styles:

1. a series of stacked NW-dipping, shear-hosted, high-grade Au-Ag ± Zn ± Pb quartz veins These veins strike up to 350 meters in length, range in thickness from 15cm to 2.5 meters and are additionally associated with Fe-Carb alteration halos up to 4 meters in thickness. Fieldwork has shown that these alteration zones have to potential to host disseminated and fracture controlled Aspy and Au grading up to 0.5 g/T Au;
2. massive Aspy + Cpy veins, of unknown relationship to local tectonics, grading up to 20 g/T Au.

Mineralization at the HAT is associated with flat lying shear zones that form an anastomosing / ramp – flat structure that sets the stage for structurally repeated mineralized zones. It has been interpreted that the majority of showings in the area, including the Tuppie, the HAT, the Trango, the Cirque Zone and collectively referred to as the Hat Structural Zone, are structurally linked and represent a single large-scale mineralized system over 1 km^2 in size. As part of the 2009 exploration program, two days were spent in the area of the Hat Structural Zone which confirmed the widespread nature of the mineralization. The best sample collected during the 2009 program was a grab sample from the Cirque Zone, DKKMR002, which returned 973 g/t Au and 502 g/t Ag. Another occurrence near this location returned 2.54 g/t Au and 32.3 g/t Ag (AHKMR039), while a third occurrence returned 0.12 g/t Au, 100 g/t Ag, 2.5 % Pb and 7.2 % Zn (AHKMR038).The area is attractive because these zones are structurally repeated on a scale of 50m, over a thickness of 300m, making it an excellent target for a bulk-tonnage, low-grade, open pit operation.

Work in 2008 and 2009 also focused on the Burn area. Soil and rock geochemical sampling, 7.3 line km of Induced Polarization geophysics, with 11 diamond drill holes completed in 2008. The I.P. survey results show a number of strong chargeability anomalies. These anomalous conditions are the result of pervasive pyrite in the granodiorite as well as a strong pyrite and graphitic component in the underlying argillite. The I.P resistivity results are very indicative of the orientation of the underlying nature of the argillite and the shallow, probably overthrust nature of the granodiorite. Interpretation of the results from the 2008 drilling program indicate that the granodiorite “stock” that was the focus of exploration is in fact a thrust emplaced granodiorite mass overlying a sequence of argillite / greywacke. Weak but pervasive gold mineralization associated with pyritic quartz stringers and veinlets is widespread in the stock with drillhole intercepts including 10.55m @ 0.973g/t Au(KKM08-01), and 2.3m @ 11.95g/t Au(KKM08-03).

There remain many other high priority targets on the property, ready for grassroots and diamond drill exploration, these include: the Martin vein, the Tuppie Zone and the southern extension of the Hat structural zone. Most of the high-grade mineralization on the property is located near the margins of the main Allard pluton, both within the granodiorite and in the surrounding sedimentary country rocks. This indicates that most fluid-flow was focused near the intrusion margins, and in country-rock roof pendants around the main pluton. Only a relatively small portion of the sedimentary-intrusive contact zone has been explored to date. Potential exists along the unexplored contact zones, especially in areas that have a favorable geophysical signature. In areas of known mineralization, new discoveries are possible through soil geochemical sampling, prospecting and airborne geophysics. Ground work has been greatly aided due to the low annual snow pack which currently exists at the higher elevations in the Coast Mountains, which in turn has exposed many mineralized veins, structures and favorable geology for the first time in modern history.

RECOMMENDATIONS

Historic work by Eagle Plains Resource Ltd. has successfully focused its exploration program towards the Hat structural zone which has the potential for hosting high-grade Au-Ag mineralization and bulk tonnage, low-grade Au mineralization and the Burn area, which has potential for bulk tonnage gold mineralization. The author recommends a two phase exploration program for the project.

Phase 1 recommendations include :

- follow up of the high grade samples collected in the Cirque Zone in 2009, including infill soil sampling
- continued mapping, prospecting, and geochemical surveys along strike of the Hat structural zone to the south of Mayo Creek;
- a detailed structural study of the Hat structural zone to better understand the relationships between intrusion, thrusting, mineralization and subsequent deformation;
- XRF geochemical analysis of 2004 - 2006 soil and silt samples to determine pathfinder element trends and overall detection limits;
- detailed soil and silt geochemical sampling, prospecting and mapping on the new claims along the southern boundary of the property;
- integration of all 2008 - 2009 data into the Geographic Information System(GIS) database;
- detailed interpretation of the data using the GIS to locate priority targets for followup including diamond drill targeting and detailed chip and channel sampling

Phase 1 expenditures are estimated to be $200,000.

Contingent on favorable results from Phase 1, a diamond drilling program should be undertaken to test the highest priority targets. This should include drilling at the HAT Structural Zone, the Tuppie Zone and the Burn, as well as other areas identified as favorable targets by the Phase 1 interpretation. The estimated cost of the Phase 2 program is $500,000.

A detailed budget for the proposed work is as follows:

Table 2 – Proposed Exploration Budget

Kalum Project					
Proposed Phase 1 Budget					
Personnel:		no. of persons	rate	no. of days	Cost
	Project Manager / Senior Geologist	1	$720	30	$21,600.00
	Project Geologist	1	$600	30	$18,000.00
	GIS Technician	1	$525	30	$15,750.00
	Geological Technician	2	$400	30	$24,000.00
	Geological Technician with First Aid	1	$425	30	$12,750.00
			TOTAL PERSONNEL:		**$92,100.00**
Analytical:	Rock (Prep)		200	$10.10	$2,020.00
	Rock (30 Element ICP-MS plus Au)		200	$17.50	$3,500.00
	Au Assay		50	$13.95	$697.50
	Ag Assay		50	$8.50	$425.00
	Soil (Prep)		300	$1.90	$570.00
	Soil (30 Element ICP-MS plus Au)		300	$10.00	$3,000.00
	Silt (Prep)		50	$1.90	$95.00
	Silt (30 Element ICP-MS plus Au)		50	$10.00	$500.00
			TOTAL ANALYTICAL:		**$10,807.50**
Equipment Rental:					
Trucks : crew mobilization from Cranbrook - Terrace return includes fuel, trailer rental					$6,000.00
Field Equipment (XRF, DGPS, ATV's, field packs etc.)					$8,000.00
Office Equipment (computers, plotter, electronics etc.)					$5,000.00
Communication including radios, satellite phone, repeater					$2,000.00
			TOTAL EQUIPMENT RENTAL:		**$21,000.00**
Air Charter:					
helicopter support for field crews					**$40,000.00**
Pre-Field:					
Base Map preparation					$1,000.00
Ongoing compilation of data into GIS and interpretation					$5,000.00
XRF analysis of pulps for geochemical orientation					$5,000.00
			TOTAL PRE-FIELD:		**$11,000.00**
Accommodation and Meals / Groceries:		persons	rate	days	
	geological fieldwork	6	$100.00	30	$18,000.00
Shipping:					$1,000.00
Supplies: office and field					$2,000.00
Reclamation of exploration site as required:					$500.00
Report writing and reproduction:					$5,000.00
				TOTAL:	**$201,407.50**

Kalum Project							
Proposed Phase 2 Budget							
				no. of		no. of	
Personnel:				persons	rate	days	
		Project Manager / Senior Geologist		1	$720	30	$21,600.00
		Project Geologist		1	$600	30	$18,000.00
		GIS Technician		1	$475	30	$14,250.00
		Geological Technician		1	$265	30	$7,950.00
		Geological Technician with First Aid		1	$265	30	$7,950.00
					TOTAL PERSONNEL:		**$69,750.00**
Analytical:		Core (Prep)			300	$10.10	$3,030.00
		Core (30 Element ICP-MS plus Au)			300	$12.65	$3,795.00
		Core (Au Assay)			100	$13.95	$1,395.00
		Core (Ag Assay)			100	$8.50	$850.00
					TOTAL ANALYTICAL:		**$9,070.00**
Drilling:	Includes Mob / DeMob and fuel				Meters	Rate/meter	
					2000	$100.00	**$200,000.00**
Equipment Rental:							
Trucks : crew mobilization from Cranbrook - Terrace return includes fuel, trailer rental							$6,000.00
Field Equipment (XRF, DGPS, ATV's)							$8,000.00
Office Equipment (computers, plotter, electronics etc)							$5,000.00
Communication including radios, satellite phone, repeater							$2,000.00
				TOTAL EQUIPMENT RENTAL:			**$21,000.00**
Air Charter:							
helicopter support for diamond drilling							**$150,000.00**
Pre-Field:							
Base Map preparation							$1,000.00
ongoing compilation of data into GIS database including structural analysis							$1,000.00
					TOTAL PRE-FIELD:		**$2,000.00**
Accommodation and Meals/Groceries:				persons	rate	days	
				10	$100.00	30	$30,000.00
Shipping:							$1,000.00
Supplies: office and field							$1,000.00
Reclamation of exploration site as required:							$500.00
Filing fees:							$5,000.00
Report writing and reproduction:							$10,000.00
						TOTAL:	**$499,320.00**
				TOTAL Phase 1 / Phase 2:			**$700,727.50**

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GEOLOGICAL and GEOCHEMICAL and GEOPHYSICAL REPORT

Volume II - Appendices

for the

KALUM PROPERTY

Terrace B.C. Skeena MD

128°54’W / 54°45’ N

TRIM Map sheets 103I066, 075, 076, 077, 085, 086, 087

Prepared for

WINDSTORM RESOURCES INC.

709, 837 West Hastings Street

Vancouver, BC V6C 3N6

And

Eagle Plains Resources Ltd.

Suite 200, 16-11th Ave South.

Cranbrook, BC

V1C 2P1

By

Aaron Higgs, B.Sc. (Geol)

BOOTLEG EXPLORATION INC.

Suite 200, 16-11th Ave. S.

Cranbrook, B.C. V1C 2P1

November 20, 2009

Appendix I – Statement of Qualifications

AARON A. HIGGS, B. Sc.

I, Aaron Ashwell Higgs, B.Sc. do hereby certify that:

I am currently employed as a Project Geologist by Bootleg Exploration Inc., with business location of Suite 200, 16-11th Ave S., Cranbrook, BC, V1C 2P1 (Telephone: 250-426-0749, email: aah@eagleplains.com)

I graduated with a B.Sc. degree in Geology from the University of British Columbia in 2005.

I have worked as a Geologist in Western Canada for 4 years since my graduation from university.

I am responsible for the preparation of this report entitled "Geological and Geochemical and Geophysical Report for the Kalum Property".

Dated at Cranbrook, British Columbia, Canada this 25th day of November, 2009.

Respectfully submitted

Aaron A. Higgs, B.Sc. (Geol)

Appendix II – Statement of Expenditures

2009 Kalum Expenditures					
(All expenditures are derived from Bootleg Explroation Invoices)					
Exploration Work type	**Comment**	**Days**			**Totals**
Personnel / Position	**Field Days**	**Days**	**Rate**	**Subtotal**	
Aaron Higgs: Project Geologist	August 24-September 6th	14	$525.00	$7,350.00	
Simon Farquharson: Field Technician	August 24-September 6th	14	$375.00	$5,250.00	
Dan Klewchuck: Field Technician	August 24-September 6th	14	$375.00	$5,250.00	
Colleen Atherton: Geologist	July 17-19	3	$475.00	$1,425.00	
Rolf Soler: Field Technician	July 17-19	3	$525.00	$1,575.00	
				$20,850.00	**$20,850.00**
Office Studies	**List Personnel**				
Project Planning	Jarrod Brown, Chief Geologist	2.00	$600.00	$1,200.00	
Project Management, Logistics and Permiting	Jesse Campbell, President Bootleg Exploration	3.34	$600.00	$2,004.00	
Project Management and report preparation	Chuck Downie, VP Exploration	3.00	$750.00	$2,250.00	
Project Planning and data reprocessing	Chris Gallagher, Chief Geotechnoligist	1.00	$720.00	$720.00	
Project Preparation	Rolf Soler, Field Technician	1.00	$525.00	$525.00	
Project Preparation	Colleen Atherton, Geologist	0.20	$475.00	$95.00	
Database compilation	Legacy GIS Solutions	6.25	$475.00	$2,968.75	
Database compilation, report prepartion and cartography	Glen Hendrickson, GIS Specialist	8.00	$475.00	$3,800.00	
Project Planning and report production	Aaron Higgs, Project Geologist	11.40	$525.00	$5,985.00	
				$19,547.75	**$19,547.75**
Ground geophysics	**Line Kilometres**				
IP by SJ Geophysics	*3.2 line Km*			$33,444.55	
				$33,444.55	**$33,444.55**
Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Soil			$0.00	$0.00	
Rock			$0.00	$0.00	
				$6,829.56	**$6,829.56**
Transportation		**No.**	**Rate**	**Subtotal**	
truck rental		17.00	$100.00	$1,700.00	
kilometers			$0.30	$0.00	
ATV			$0.00	$185.05	
fuel			$0.00	$1,163.98	
Helicopter	Quantum and Lakelse Air		$0.00	$6,755.50	
Fuel (litres/hour)	Quantum and Lakelse Air		$0.00	$1,180.13	
				$10,984.66	**$10,984.66**
Accommodation & Food	**Rates per day**				
Hotel			$0.00	$2,943.81	
Meals			$0.00	$2,316.55	
				$5,260.36	**$5,260.36**
Miscellaneous					
Plotting Maps			$0.00	$249.60	
Park Pass				$29.40	
				$279.00	**$279.00**

Equipment Rentals					
Channel Sample Saw		1.00	45	$45.00	
Hand Held Radios		48.00	10	$480.00	
Survival Kit		14.00	5	$70.00	
Satellite Phone		17.00	15	$255.00	
Computer		17.00	10	$170.00	
Printer		17.00	10	$170.00	
Chainsaw		17.00	10	$170.00	
Field Gear	Includes all field equipment, GPS, palm, vest, compass, notebook, etc…	48.00	$35.00	$1,680.00	
Field Supplies	bear spray, launcher, nails, towing tools			$638.72	
Sample Gear	Soil bags, poly bags, tags, flagging, rice bags			$316.79	
				$3,995.51	**$3,995.51**
Freight, rock samples					
Greyhound Freight			$0.00	$17.62	
Byers Freight			$0.00	$230.00	
				$247.62	**$247.62**
Bootleg Exploration Handling Administration Fees					
				$8,396.42	**$8,396.42**
TOTAL Expenditures					**$109,835.43**

Appendix III – Geochemical Protocol

3.1 Field Sampling Techniques
3.2 Analytical Techniques

3.1 Field Sampling Techniques

Field 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. Three types of samples were collected in the field, these include: rock, silt and soil samples. All samples are described in a digital form on a Palm Pilot in the field at the time of collection and also have a GPS location recorded at the site. Sample data was also recorded in field books and locations plotted on field maps as a backup to the digital forms. Upon return to town each day the digital forms are uploaded to a relational database where quality control is conducted to assure all pertinent attribute information has been recorded and the spatial coordinates of each sample is correct.

Rock Samples

Rock samples were collected on sampling, prospecting and mapping traverses where mineralization was noted. Transported rock materials were sampled as Float, Talus or Subcrop rock sample types, depending on the perceived distance the rock had travelled from its source. Rocks were collected from outcrops as fist sized Grab samples, or as Channel samples. Channel samples were taken using a gas powered channel saw. In each case rock samples are recorded on the digital forms with a spatial location and a variety of attributes which include: map unit, major rock type, minor rock type, colour fresh, colour weathered, texture, grain size, mineralization major and mineralization minor. All samples were shipped in plastic rice bags with locking plastic straps with unique identification numbers to prevent tampering during the chain of custody.

Soil Samples

Samplers conducted soil sampling traverses over both grids and contour lines. Soil grids were laid out using compass bearings and hip chains. Sample spacing on grids was 25 m with line spacing of 50 m apart . Contour soil lines were conducted as follow-up anomalous samples as well as trace out mineralized veining where they were covered by overburden. Soil samples were collected from pits dug with geo-tools to an average depth of 10-20 cm. Where possible the soil sample was collected from the B-Horizon of the soil profile. Attribute data collected for each soil sample included: sample size, quality, depth, slope of sample site, soil horizon, colour and other notes. Sample size is rated from 1-5 with one being much too small sample size and 5 being the perfect sample size, filling roughly ¾ of the sample bag. Quality of the sample rated from 1-5 with 1 being very poor quality and 5 being excellent quality. Factors that include: sample size, soil development and quality (the lack of organics), and depth of sample all contribute to the overall quality attribute.

Silt Samples

Samplers and geologists collected silt samples at any stream they crossed while on a soil line, prospecting or mapping traverse. Attribute data collected for each silt sample included: sample size, quality, depth, water velocity and tributary order. Samples size is rated on a scale of 1-5 with 1 being a very small sample and 5 being the perfect sample amount, filling roughly ¾ of the sample bag. Factors that include: sample size and silt quality (lack or pebbles or mud) contribute to the overall quality attribute.

Sample Handling and Shipping Procedure

At the end of each field day all samples were taken back to town; here soil and silt samples were arranged in order and hung to dry. Rock samples were also lined up in order of sampler and number. Samples with damaged bags or unclear labels were re-bagged and placed back into order. Once the samples were dry, a shipment was prepared. Typically a sampler and a database manager would prepare a list of all the samples ready to ship. This would require one person going through each sample ensuring that all samples were in order and that any missing samples were accounted for with an empty bag marked with the sample number and “LS” for lost sample. The other person would record each sample number to be shipped. Once recorded, the samples were placed in rice bags labelled with the shipment number and addresses. 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 Byers Transport to Eco Tech Laboratories in Kamloops for geochemical analysis.

3.2 Analytical Techniques

Analytical work was contracted in 2009 to Eco Tech Laboratories, 10051 Dallas Dr., Kamloops, BC. The rock samples were analyzed using BAUFA-32 and BMS-11 and the soils and silts by BAUFG-11 and BMS-11.

Methods and Specifications for Analytical Package

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.

Soils are prepared by sieving through an 80-mesh screen to obtain a minus 80-mesh fraction. Samples unable to produce adequate minus 80-mesh material are screened at a coarser fraction. These samples are flagged with the relevant mesh.

Rock 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.

Assay Gold Analysis (BAUFA-32)

A 30 g sample size is fire assayed along with certified reference materials using appropriate fluxes. The flux used is pre-mixed, purchased from Anachemia which contains Cookson Granular Litharge. (Silver and Gold Free). The ratios are 66% Litharge, 24% Sodium Carbonate, 2.7% Borax, 7.3% Silica. (These charges may be adjusted with borax or silica based on the sample). Flux weight per fusion is 120g. Purified Silver Nitrate is used for inquartation. The resultant dore bead is parted and then digested with nitric and hydrochloric acid solutions and then analyzed on an atomic absorption instrument (Perkin Elmer/Thermo S-Series AA instrument). Gold detection limit on AA is 0.03-100 g/t. Any gold samples over 100g/t will be run using a gravimetric analysis protocol.

Appropriate certified reference material and repeat/re-split samples (Quality Control Components) accompany the samples on the data sheet for quality control assessment.

Geochem Gold Analysis (BAUFG-11)

A 15 g sample size is fire assayed along with certified reference materials using appropriate fluxes. The flux used is pre-mixed, purchased from Anachemia which contains Cookson Granular Litharge. (Silver and Gold Free). The ratios are 66% Litharge, 24% Sodium Carbonate, 2.7% Borax, 7.3% Silica. (These charges may be adjusted with borax or silica based on the sample). Flux weight per fusion is 120g. Purified Silver Nitrate is used for inquartation. The resultant dore bead is parted and then digested with nitric and hydrochloric acid solutions and then analyzed on an atomic absorption instrument (Perkin Elmer/Thermo S-Series AA instrument).

Over-range geochem values (Detection limit 5-1000ppb) for rocks are re-analyzed using gold assay methods (see below).

Appropriate certified reference material and repeat/re-split samples (Quality Control Components) accompany the samples on the data sheet for quality control assessment.

Trace ICP-MS Analysis (BMS-11)

Samples are digested in an aqua regia solution for 45 minutes. They are bulked with de-ionized water, and an aliquot of this is taken for analysis a Thermo Scientific X series II ICP-MS unit. All synthetic standards are purchased and verified by 3 independent analysts and are used for instrument calibration before each and every ICP-MS run.

A 2-3 point standardization curve is used to check the linearity (high and low). Certified reference material is used to check the performance of the machine and to ensure that proper digestion occurred in the wet lab. QC samples are run along with the client samples to ensure no machine drift or instrumentation issues occurred during the analysis of the sample(s). Repeat samples (every 10 or less) and re-splits (every 35 or less) are also run to ensure proper weighing and digestion occurred.

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

Appendix IV – Sample Locations and Descriptions

4.1 Rock Samples
4.2 Soil Samples
4.3 Silt Samples

4.1 Rock Samples

Appendix 4.1 - Rock Sample Location/Description

Sample Number	Date	Sample Type	Location Method	UTM Easting	UTM Northing	UTM Zone	GPS Accuracy (m)	Chip Length (m)	Chip Azimuth	Major Rock Type	Colour Fresh	Colour Weathered	Grainsize
CAKMR001	01/01/2009	GRAB	GPS	504794	6059904	9N	15			limestone	grey	grey	medium
CAKMR002	01/01/2009	GRAB	GPS	504695	6060053	9N	24			calcarious siltstone	grey	grey	very fine
CAKMR003	01/01/2009	GRAB	GPS	504609	6059869	9N	9			phyllitic siltstone	grey	grey	
SFKMR002	27/08/2009	GRAB	GPS	504313	6068392	9N	15			Diorite	grey	rusty	medium-coarse
SFKMR001	27/08/2009	GRAB	GPS	504771	6068139	9N	2			Diorite	grey	brownish	fine
DKKMR003	28/08/2009	GRAB	GPS	500589	6070680	9N	8			Quartz Diorite	orangish	rusty	fine
DKKMR002	27/08/2009	GRAB	GPS	504238	6068588	9N	6			Quartz Prophyry	white	rusty	pebble
DKKMR001	27/08/2009	GRAB	GPS	504411	6068134	9N	5			Quartz Monzonite	white	rusty	medium
AHKMV036	26/08/2009	subcrop	GPS	500418	6072442	9N	25			Arenite	dark	rusty	fine-medium
AHKMV035	26/08/2009	outcrop	GPS	500324	6072701	9N	10			Arenite	greenish	grey	fine-medium
AHKMV040	29/08/2009	outcrop	GPS	500630	6070896	9N	8			Granodiorite	grey	grey	medium
AHKMV039	27/08/2009	outcrop	GPS	504316	6068555	9N	9			Arenite			
AHKMV038	27/08/2009	outcrop	GPS	504326	6068381	9N	13			Arenite			
AHKMV037	27/08/2009	float	GPS	504360	6068395	9N	9			Arenite			
AHKMV041	01/09/2009	outcrop	GPS	504608	6067966	9N	5	0.4	56	Siltstone			
AHKMV044	05/09/2009	outcrop	GPS	504640	6067825	9N	6	0.8		Arenite			
AHKMV043	05/09/2009	subcrop	GPS	504603	6067943	9N	8	0.3		Arenite			
AHKMV042	05/09/2009	subcrop	GPS	504605	6067946	9N	6	0.4		Arenite			

Sample Number	Texture	Major Mineralization	Minor Mineralization	Mineralization Style	Percent Mineralized
CAKMR001	crystalline				
CAKMR002					
CAKMR003					
SFKMR002	massive	pyrrhotite	chalcopyrite	MASSIVE	5
SFKMR001		pyrite	galena		3
DKKMR003		galena		STOCKWORK	8
DKKMR002	brecciated	pyrite		TRACE	4
DKKMR001	brecciated	pyrite	galena	TRACE	2
AHKMV036					
AHKMV035					
AHKMV040	equigranular				
AHKMV039					
AHKMV038					
AHKMV037					
AHKMV041					
AHKMV044					
AHKMV043					
AHKMV042					

4.2 Soil Samples

Appendix 4.2 - Soil Sample Location/Description

Sample Number	Date	Location	Easting	Northing	UTM Zone	Elevation (m)	Primary Colour	Secondary Colour	Slope	Depth	Horizon	Quality	Note
KML001 00+00	25/08/2009	GPS	500618	6070860	9N	1126	brown	brown		15	B	3	LINE_START
KML001 00+25S	25/08/2009	GPS	500630	6070851	9N	1179	brown	brown	40 - 60	15	B	3	N/A
KML001 00+50S	25/08/2009	GPS	500650	6070838	9N	1087	brown	brown	40 - 60	15	B	3	ORGANIC
KML001 00+75S	25/08/2009	GPS	500661	6070815	9N	1082	brown	brown	40 - 60	35	B	3	N/A
KML001 01+00S	25/08/2009	GPS	500680	6070795	9N	1067	brown	brown	40 - 60	25	B	4	ROCKY
KML001 01+25S	25/08/2009	GPS	500707	6070771	9N	1049	brown	brown	40 - 60	25	B	4	ROCKY
KML001 01+50S	25/08/2009	MAP	500715	6070752	9N	1031	brown	brown	40 - 60	25	B	4	ROCKY
KML001 01+75S	25/08/2009	GPS	500732	6070733	9N	1030	brown	brown	40 - 60	25	B	4	ROCKY
KML001 02+00S	25/08/2009	GPS	500756	6070719	9N	1007	brown	brown	40 - 60	25	B	4	ROCKY
KML001 02+25S	25/08/2009	GPS	500783	6070717	9N	1021	brown	brown	40 - 60	15	B	3	N/A
KML001 02+50S	25/08/2009	GPS	500797	6070719	9N	1014	brown	brown	40 - 60	15	B	4	N/A
KML001 02+75S	25/08/2009	GPS	500822	6070710	9N	1001	brown	brown	40 - 60	15	B	4	TOP OF CLIFF
KML001 03+00S	25/08/2009	GPS	500822	6070692	9N	956	brown	brown	40 - 60	15	B	4	TOP OF CLIFF
KML002 00+00	26/08/2009	GPS	500291	6072434	9N	1119	brown	brown	0 - 20	15	B	4	LINE_START
KML002 00+25E	27/08/2009	MAP	500306	6072395	9N	1119	dark	brown	0 - 20	15	B	3	5M BEFORE
KML002 00+25W	26/08/2009	MAP	500298	6072453	9N	1124	brown	brown	0 - 20	15	B	3	N/A
KML002 00+50E	27/08/2009	MAP	500321	6072376	9N	1117	brown	brown	0 - 20	15	B	3	TALUS
KML002 00+50W	26/08/2009	MAP	500294	6072487	9N	1129	brown	brown	0 - 20	15	B	4	N/A
KML002 00+75E	27/08/2009	NO SAMPLE	500345	6072356	9N	1125	brown	brown	0 - 20	15	B	1	TALUS
KML002 00+75W	26/08/2009	MAP	500288	6072500	9N	1135	brown	brown	0 - 20	15	B	4	N/A
KML002 01+00E	27/08/2009	NO SAMPLE	500365	6072345	9N	1129							
KML002 01+00W	26/08/2009	MAP	500284	6072532	9N	1140	dark	brown	0 - 20	15	B	4	N/A
KML002 01+25E	27/08/2009	MAP	500404	6072348	9N	1131	brown	brown	0 - 20	15	B	3	ROCKY
KML002 01+25W	26/08/2009	MAP	500299	6072552	9N	1143							
KML002 01+50E	27/08/2009	MAP	500420	6072342	9N	1131	brown	brown	20 - 40	15	B	3	TALUS
KML002 01+50W	26/08/2009	MAP	500289	6072582	9N	1141	brown	brown	0 - 20	15	B	4	N/A
KML002 01+75E	27/08/2009	MAP	500441	6072337	9N	1136	brown	brown	20 - 40	15	B	3	ROCKY
KML002 01+75W	26/08/2009	MAP	500274	6072582	9N	1144	brown	red	0 - 20	15	B	4	N/A
KML002 02+00E	27/08/2009	MAP	500461	6072336	9N	1139	brown	brown	20 - 40	15	B	3	N/A
KML002 02+00W	26/08/2009	MAP	500257	6072612	9N	1143	brown	brown	0 - 20	25	B	3	N/A
KML002 02+25E	27/08/2009	MAP	500484	6072333	9N	1140	brown	brown	20 - 40	15	B	3	ROCKY
KML002 02+25W	26/08/2009	MAP	500238	6072629	9N	1140	brown	brown	0 - 20	15	B	3	N/A
KML002 02+50E	27/08/2009	MAP	500508	6072329	9N	1142	brown	brown	20 - 40	15	B	3	TALUS
KML002 02+50W	26/08/2009	GPS	500223	6072648	9N	1136	brown	brown	0 - 20	15	B	3	N/A
KML002 02+75W	26/08/2009	MAP	500204	6072665	9N	1139	brown	brown	0 - 20	15	B	4	N/A
KML002 03+00W	27/08/2009	MAP	500187	6072682	9N	1142	brown	Select	20 - 40	25	B	3	ROCKY
KML002 03+25W	27/08/2009	MAP	500176	6072703	9N	1130	beige	brown	20 - 40	15	B	3	N/A
KML002 03+50W	27/08/2009	MAP	500168	6072720	9N	1137	brown	brown	20 - 40	15	B	4	N/A
KML002 03+75W	27/08/2009	MAP	500146	6072741	9N	1129	brown	brown	20 - 40	15	B	4	N/A
KML002 04+00W	27/08/2009	MAP	500133	6072753	9N	1136	brown	brown	20 - 40	15	B	3	5M BEFORE
KML003 00+00	28/08/2009	MAP	501408	6071403	9N	1151	brown	NA	20 - 40	15	B	3	LINE_START
KML003 00+25S	28/08/2009	MAP	501419	6071388	9N	1147	brown	NA	20 - 40	15	B	3	LINE_START
KML003 00+50S	28/08/2009	GPS	501428	6071367	9N	1136	brown	NA	20 - 40	15	B	4	N/A
KML003 00+75S	28/08/2009	GPS	501442	6071343	9N	1128	brown	NA	20 - 40	15	B	4	N/A
KML003 01+00S	28/08/2009	GPS	501458	6071331	9N	1098							
KML003 01+25S	28/08/2009	GPS	501453	6071313	9N	1077							
KML003 01+50S	28/08/2009	GPS	501463	6071327	9N	1024							
KML003 01+75S	28/08/2009	GPS	501467	6071280	9N	1043							
KML003 02+00S	28/08/2009	GPS	501475	6071269	9N	1027							
KML003 02+25S	28/08/2009	GPS	501488	6071264	9N	1013							
KML003 02+50S	28/08/2009	GPS	501503	6071232	9N	1011							

Sample Number	Date	Location	Easting	Northing	UTM Zone	Elevation (m)	Primary Colour	Secondary Colour	Slope	Depth	Horizon	Quality	Note
KML003 02+75S	28/08/2009	GPS	501510	6071199	9N	997							
KML003 03+00S	28/08/2009	GPS	501525	6071192	9N	974	brown	NA	20 - 40	15	B	4	N/A
KML003 03+25S	28/08/2009	GPS	501526	6071168	9N	965							
KML003 03+50S	28/08/2009	GPS	501541	6071145	9N	948							
KML003 03+75S	28/08/2009	GPS	501550	6071134	9N	934							
KML003 04+00S	28/08/2009	GPS	501568	6071111	9N	924							
KML003 04+25S	28/08/2009	MAP	501576	6071094	9N	918	brown	NA	20 - 40	15	B	3	N/A
KML003 04+50S	28/08/2009	MAP	501590	6071076	9N	887							
KML003 04+75S	28/08/2009	MAP	501605	6071079	9N	877							
KML003 05+00S	28/08/2009	MAP	501622	6071061	9N	873							
KML003 05+25S	28/08/2009	MAP	501635	6071033	9N	848	brown	dark	20 - 40	15	B	3	N/A
KML003 05+50S	28/08/2009	MAP	501646	6071021	9N	836							
KML003 05+75S	28/08/2009	MAP	501648	6070998	9N	835	brown	NA	20 - 40	15	B	4	N/A
KML003 06+00S	28/08/2009	MAP	501664	6070992	9N	828							
KML003 06+25S	28/08/2009	MAP	501693	6070982	9N	806							
KML003 06+50S	28/08/2009	MAP	501703	6070971	9N	777							
KML003 06+75S	28/08/2009	MAP	501704	6070943	9N	771							
KML003 07+00S	28/08/2009	GPS	501706	6070916	9N	758	brown	NA	20 - 40	15	B	4	LINE_END
KML004 00+00	02/09/2009	GPS	503481	6069478	9N	1228	brown	brown	20 - 40	15	B	3	LINE_START
KML004 00+25E	02/09/2009	GPS	503505.9078	6069478.062	9N	1230	brown	brown	20 - 40	15	B	3	N/A
KML004 00+50E	02/09/2009	GPS	503530.5724	6069476.523	9N	1230							
KML004 00+75E	02/09/2009	GPS	503551.6144	6069488.966	9N	1233	grey	brown	40 - 60	15	B	3	N/A
KML004 01+00E	02/09/2009	GPS	503568.8962	6069506.721	9N	1228							
KML004 01+25E	02/09/2009	GPS	503588.2367	6069522.416	9N	1238	grey	brown	40 - 60	15	B	3	ROCKY
KML004 01+50E	02/09/2009	GPS	503607.6022	6069538.082	9N	1231							
KML004 01+75E	02/09/2009	GPS	503626.2443	6069554.605	9N	1231							
KML004 02+00E	02/09/2009	GPS	503645	6069571	9N	1245							
KML004 02+25E	02/09/2009	GPS	503661.7614	6069588.959	9N	1245							
KML004 02+50E	02/09/2009	GPS	503670.9094	6069611.983	9N	1243							
KML004 02+75E	02/09/2009	GPS	503685.814	6069631.192	9N	1242							
KML004 03+00E	02/09/2009	GPS	503709.6782	6069637.279	9N	1242							
KML004 03+25E	02/09/2009	GPS	503733.4837	6069643.76	9N	1237	brown	brown	40 - 60	15	B	3	ROCKY
KML004 03+50E	02/09/2009	GPS	503756.2244	6069653.524	9N	1246							
KML004 03+75E	02/09/2009	GPS	503779.7163	6069661.475	9N	1235	brown	brown	40 - 60	15	B	3	TALUS
KML004 04+00E	02/09/2009	GPS	503804	6069666	9N	1233	brown	brown	40 - 60	15	B	3	TOP OF CLIFF
KML004 04+25E	02/09/2009	GPS	503833	6069674	9N	1235							
KML005 00+00	03/09/2009	GPS	506711	6066175	9N	730	brown	NA	20 - 40	15	B	4	LINE_START
KML005 00+25E	03/09/2009	GPS	506734	6066171	9N	747	brown	NA	20 - 40	15	B	4	N/A
KML005 00+50E	03/09/2009	GPS	506761	6066167	9N	748							
KML005 00+75E	03/09/2009	GPS	506773	6066167	9N	749							
KML005 01+00E	03/09/2009	GPS	506802	6066172	9N	743							
KML005 01+25E	03/09/2009	GPS	506826	6066169	9N	740	brown	orange	20 - 40	15	B	4	N/A
KML005 01+50E	03/09/2009	GPS	506852	6066166	9N	749	brown	NA	20 - 40	15	B	4	ROCKY
KML005 01+75E	03/09/2009	GPS	506875	6066166	9N	739	brown	light	20 - 40	15	B	4	N/A
KML005 02+00E	03/09/2009	GPS	506899	6066171	9N	738	brown	NA	20 - 40	15	B	3	N/A
KML005 02+25E	03/09/2009	GPS	506921	6066176	9N	742	brown	NA	20 - 40	15	B	4	N/A
KML005 02+50E	03/09/2009	GPS	506932	6066179	9N	747	brown	dark	20 - 40	15	B	4	N/A
KML005 02+75E	03/09/2009	GPS	506964	6066198	9N	754							
KML005 03+00E	03/09/2009	GPS	506987	6066204	9N	749	brown	NA	20 - 40	15	B	4	N/A
KML005 03+25E	03/09/2009	GPS	507008	6066213	9N	752							
KML005 03+50E	03/09/2009	GPS	507031	6066227	9N	757	brown	NA	20 - 40	15	B	4	N/A

Appendix 4.2 - Soil Sample Location/Description

Sample Number	Date	Location	Easting	Northing	UTM Zone	Elevation (m)	Primary Colour	Secondary Colour	Slope	Depth	Horizon	Quality	Note
KML005 03+75E	03/09/2009	MAP	507049	6066235	9N	748							
KML005 04+00E	03/09/2009	GPS	507073	6066248	9N	753							
KML005 04+25E	03/09/2009	GPS	507096	6066254	9N	753							
KML005 04+50E	03/09/2009	GPS	507124	6066265	9N	745	brown	NA	20 - 40	15	B	4	ROCKY
KML005 04+75E	03/09/2009	GPS	507146	6066274	9N	738	brown	orange	20 - 40	15	B	4	N/A
KML005 05+00E	03/09/2009	NO SAMPLE	507164	6066285	9N								
KML005 05+25E	03/09/2009	MAP	507182	6066297	9N		brown	dark	20 - 40	15	B	4	ROCKY
KML005 05+50E	03/09/2009	MAP	507200	6066309	9N		brown	dark	20 - 40	15	B	3	ROCKY
KML005 05+75E	03/09/2009	GPS	507217	6066324	9N	768	brown	light	20 - 40	15	B	3	ROCKY
KML005 06+00E	03/09/2009	GPS	507227	6066327	9N	772	brown	NA	20 - 40	15	B	3	LINE_END
KML006 00+00	03/09/2009	GPS	506629	6065968	9N		brown	NA	0 - 20	15	B	4	LINE_START
KML006 00+25E	03/09/2009	MAP	506653	6065966	9N		red	brown	0 - 20	15	B	4	N/A
KML006 00+50E	03/09/2009	MAP	506677	6065967	9N		red	brown	0 - 20	15	B	4	N/A
KML006 00+75E	03/09/2009	MAP	506702	6065966	9N		red	brown	0 - 20	15	B	4	N/A
KML006 01+00E	03/09/2009	MAP	506725	6065960	9N		red	brown	0 - 20	15	B	4	STUMP_SAMPLE
KML006 01+25E	03/09/2009	GPS	506748	6065952	9N		red	brown	0 - 20	15	B	4	N/A
KML006 01+50E	03/09/2009	MAP	506772	6065952	9N		brown	grey	0 - 20	15	B	4	N/A
KML006 01+75E	03/09/2009	MAP	506794	6065961	9N		brown	grey	0 - 20	15	B	4	N/A
KML006 02+00E	03/09/2009	GPS	506815	6065974	9N		brown	grey	0 - 20	15	B	3	N/A
KML34+00N 00+00	28/08/2009	GPS	511396	6064670	9N	268							
KML34+00N 00+25E	28/08/2009	GPS	511419	6064671	9N	239							
KML34+00N 00+25W	28/08/2009	GPS	511372	6064669	9N	272							
KML34+00N 00+50E	28/08/2009	GPS	511444	6064671	9N	250							
KML34+00N 00+50W	28/08/2009	GPS	511347	6064669	9N	275							
KML34+00N 00+75E	28/08/2009	GPS	511469	6064672	9N	268							
KML34+00N 00+75W	28/08/2009	GPS	511323	6064668	9N	272	brown	light	0 - 20	15	B	4	N/A
KML34+00N 01+00E	28/08/2009	GPS	511493	6064673	9N	273							
KML34+00N 01+00W	28/08/2009	GPS	511298	6064667	9N	273							
KML34+00N 01+25E	28/08/2009	GPS	511517	6064673	9N	278							
KML34+00N 01+25W	28/08/2009	GPS	511273	6064668	9N	277	brown	light	0 - 20	15	B	3	N/A
KML34+00N 01+50E	28/08/2009	GPS	511542	6064674	9N	267							
KML34+00N 01+50W	28/08/2009	GPS	511249	6064668	9N	278							
KML34+00N 01+75E	28/08/2009	GPS	511566	6064675	9N	255							
KML34+00N 01+75W	28/08/2009	GPS	511224	6064669	9N	270	brown	light	0 - 20	15	B	4	N/A
KML34+00N 02+00E	28/08/2009	GPS	511590	6064675	9N	260							
KML34+00N 02+00W	28/08/2009	GPS	511199	6064669	9N	272	brown	light	0 - 20	15	B	4	N/A
KML34+00N 02+25E	28/08/2009	GPS	511614	6064676	9N	259							
KML34+00N 02+50E	28/08/2009	GPS	511636	6064677	9N	217							
KML34+00N 02+75E	28/08/2009	GPS	511659	6064678	9N	200							
KML34+00N 03+00E	28/08/2009	GPS	511682	6064678	9N	218							
KML34+00N 03+25E	28/08/2009	GPS	511706	6064678	9N	225							
KML34+00N 03+50E	28/08/2009	GPS	511730	6064678	9N	219							
KML34+00N 03+75E	28/08/2009	GPS	511754	6064678	9N	216							
KML34+00N 04+00E	28/08/2009	GPS	511778	6064678	9N	223							
KML34+00N 04+25E	28/08/2009	GPS	511802	6064678	9N	233							
KML34+00N 04+50E	28/08/2009	GPS	511826	6064678	9N	224							
KML34+00N 04+75E	28/08/2009	GPS	511850	6064678	9N	229							
KML34+00N 05+00E	28/08/2009	GPS	511875	6064678	9N	225							
KML34+00N 05+25E	28/08/2009	GPS	511898	6064678	9N	226							
KML34+00N 05+50E	28/08/2009	GPS	511922	6064678	9N	217							
KML34+00N 05+75E	28/08/2009	GPS	511946	6064678	9N	231							

Appendix 4.2 - Soil Sample Location/Description

Sample Number	Date	Location	Easting	Northing	UTM Zone	Elevation (m)	Primary Colour	Secondary Colour	Slope	Depth	Horizon	Quality	Note
KML34+00N 06+00E	28/08/2009	GPS	511970	6064678	9N	223	brown	light	0 - 20	15	B	4	LINE_END
KML34+50N 00+00	29/08/2009	GPS	511390	6064717	9N	320	brown	brown	0 - 20	15	B	4	LINE_START
KMl34+50N 00+25E	30/08/2009	GPS	511413	6064718	9N	318	brown	brown	0 - 20	15	B	3	LINE_START
KML34+50N 00+25W	30/08/2009	GPS	511366	6064717	9N	327	brown	brown	0 - 20	5	B	3	N/A
KML34+50N 00+50E	30/08/2009	GPS	511437	6064720	9N	315	brown	brown	0 - 20	15	B	3	N/A
KML34+50N 00+50W	30/08/2009	GPS	511342	6064717	9N	327							
KML34+50N 00+75E	30/08/2009	GPS	511462	6064721	9N	312							
KML34+50N 00+75W	30/08/2009	GPS	511294	6064717	9N	324	brown	brown	0 - 20	15	B	4	N/A
KML34+50N 01+00E	30/08/2009	GPS	511509	6064720	9N	317	brown	brown	20 - 40	15	B	3	N/A
KML34+50N 01+00W	30/08/2009	GPS	511271	6064717	9N	320	brown	brown	0 - 20	15	B	3	ROCKY
KML34+50N 01+25E	30/08/2009	GPS	511486	6064722	9N	320	brown	brown	20 - 40	15	B	3	N/A
KML34+50N 01+25W	30/08/2009	GPS	511318	6064717	9N	321							
KML34+50N 01+50E	30/08/2009	GPS	511532	6064718	9N	330	brown	brown	20 - 40	15	B	3	N/A
KML34+50N 01+50W	30/08/2009	GPS	511248	6064717	9N	323	rusty	brown	0 - 20	15	B	3	N/A
KML34+50N 01+75E	30/08/2009	GPS	511555	6064715	9N	340	brown	brown	0 - 20	15	B	3	N/A
KML34+50N 01+75W	30/08/2009	GPS	511202	6064716	9N	329	beige	brown	0 - 20	15	B	3	ASH
KML34+50N 02+00E	30/08/2009	GPS	511578	6064713	9N	334	brown	brown	0 - 20	15	B	3	N/A
KML34+50N 02+00W	30/08/2009	GPS	511225	6064716	9N	329	brown	brown	0 - 20	15	B	3	LINE_END
KML34+50N 02+25E	04/09/2009	GPS	511601	6064716	9N		brown	brown	20 - 40	15	B	4	N/A
KML34+50N 02+50E	04/09/2009	GPS	511647	6064721	9N		brown	brown	20 - 40	15	B	4	ROCKY
KML34+50N 02+75E	04/09/2009	GPS	511624	6064718	9N								
KML34+50N 03+00E	04/09/2009	GPS	511671	6064723	9N		brown	brown	20 - 40	15	B	4	N/A
KML34+50N 03+25E	04/09/2009	GPS	511698	6064725	9N								
KML34+50N 03+50E	04/09/2009	GPS	511725	6064728	9N		brown	brown	0 - 20	15	B	3	BELOW_ROAD
KML34+50N 03+75E	04/09/2009	GPS	511752	6064730	9N		brown	brown	0 - 20	15	B	3	ORGANIC
KML34+50N 04+00E	04/09/2009	GPS	511779	6064732	9N								
KML34+50N 04+25E	04/09/2009	GPS	511803	6064732	9N		brown	brown	0 - 20	15	B	3	N/A
KML34+50N 04+50E	04/09/2009	GPS	511826	6064733	9N		brown	brown	0 - 20	15	B	3	N/A
KML34+50N 04+75E	04/09/2009	GPS	511850	6064733	9N		brown	brown	0 - 20	15	B	3	N/A
KML34+50N 05+00E	04/09/2009	GPS	511962	6064735	9N								
KML34+50N 05+25E	04/09/2009	GPS	511873	6064733	9N								
KML34+50N 05+50E	04/09/2009	GPS	511895	6064734	9N								
KML34+50N 05+75E	04/09/2009	GPS	511917	6064734	9N								
KML34+50N 06+00E	04/09/2009	GPS	511940	6064735	9N								
KML34+50N 06+25E	04/09/2009	GPS	511983	6064736	9N		brown	brown	0 - 20	15	B	3	LINE_END
KML35+00N 00+00	30/08/2009	GPS	511378	6064767	9N		orange	Select	0 - 20	15	B	4	N/A
KML35+00N 00+25E	30/08/2009	GPS	511401	6064770	9N		brown	light	0 - 20	15	B	4	N/A
KML35+00N 00+25W	30/08/2009	GPS	511352	6064771	9N		brown	orange	0 - 20	15	B	4	N/A
KML35+00N 00+50E	30/08/2009	GPS	511423	6064773	9N		brown	orange	0 - 20	15	B	4	N/A
KML35+00N 00+50W	30/08/2009	GPS	511325	6064774	9N		orange	NA	0 - 20	15	B	4	N/A
KML35+00N 00+75E	30/08/2009	NO SAMPLE	511446	6064775	9N								
KML35+00N 00+75W	30/08/2009	GPS	511299	6064778	9N		orange	NA	0 - 20	15	B	4	N/A
KML35+00N 01+00E	30/08/2009	NO SAMPLE	511470	6064778	9N								
KML35+00N 01+00W	30/08/2009	GPS	511273	6064781	9N		orange	NA	0 - 20	15	B	4	N/A
KML35+00N 01+25E	30/08/2009	NO SAMPLE	511494	6064778	9N								
KML35+00N 01+25W	30/08/2009	GPS	511248	6064781	9N		grey	NA	0 - 20	15	B	3	N/A
KML35+00N 01+50E	30/08/2009	GPS	511517	6064777	9N		brown	orange	0 - 20	15	B	4	N/A
KML35+00N 01+50W	30/08/2009	GPS	511224	6064781	9N		grey	brown	0 - 20	15	B	2	N/A
KML35+00N 01+75E	30/08/2009	GPS	511539	6064777	9N		brown	orange	0 - 20	15	B	4	N/A
KML35+00N 01+75W	30/08/2009	GPS	511199	6064780	9N		orange	NA	0 - 20	15	B	4	N/A
KML35+00N 02+00E	30/08/2009	GPS	511562	6064776	9N		brown	orange	0 - 20	15	B	3	N/A

Appendix 4.2 - Soil Sample Location/Description

Sample Number	Date	Location	Easting	Northing	UTM Zone	Elevation (m)	Primary Colour	Secondary Colour	Slope	Depth	Horizon	Quality	Note
KML35+00N 02+00W	30/08/2009	GPS	511174	6064780	9N		orange	NA	0 - 20	15	B	4	N/A
KML35+00N 02+25E	30/08/2009	GPS	511587	6064776	9N		brown	orange	0 - 20	15	B	3	N/A
KML35+00N 02+50E	30/08/2009	GPS	511612	6064775	9N		brown	orange	0 - 20	15	B	3	N/A
KML35+00N 02+75E	30/08/2009	GPS	511634	6064775	9N		brown	grey	0 - 20	25	C	3	N/A
KML35+00N 03+00E	30/08/2009	GPS	511657	6064774	9N		brown	grey	0 - 20	15	B	3	N/A
KML35+00N 03+25E	30/08/2009	GPS	511681	6064774	9N		brown	orange	0 - 20	15	B	3	N/A
KML35+00N 03+50E	30/08/2009	GPS	511707	6064773	9N		brown	NA	0 - 20	15	B	4	N/A
KML35+00N 03+75E	30/08/2009	GPS	511729	6064774	9N		brown	NA	0 - 20	15	C	2	10M PAST
KML35+00N 04+00E	30/08/2009	GPS	511752	6064775	9N		brown	orange	0 - 20	15	B	4	N/A
KML35+00N 04+25E	30/08/2009	GPS	511773	6064776	9N		brown	NA	0 - 20	15	B	3	N/A
KML35+00N 04+50E	30/08/2009	GPS	511796	6064777	9N		brown	NA	0 - 20	15	B	4	N/A
KML35+00N 04+75E	30/08/2009	GPS	511818	6064777	9N		brown	light	0 - 20	15	B	3	N/A
KML35+00N 05+00E	30/08/2009	GPS	511841	6064778	9N		brown	NA	0 - 20	15	B	4	N/A
KML35+00N 05+25E	30/08/2009	GPS	511871	6064778	9N		brown	NA	0 - 20	15	B	4	N/A
KML35+00N 05+50E	30/08/2009	GPS	511901	6064779	9N		brown	NA	0 - 20	15	B	3	N/A
KML35+00N 05+75E	30/08/2009	GPS	511931	6064779	9N		brown	NA	0 - 20	15	B	3	N/A
KML35+00N 06+00E	30/08/2009	GPS	511961	6064779	9N		brown	NA	0 - 20	15	B	3	N/A
KML35+00N 06+25E	30/08/2009	GPS	511986	6064779	9N		brown	NA	0 - 20	15	B	3	LINE_END
KML35+50N 00+00	04/09/2009	GPS	511373	6064818	9N								
KML35+50N 00+25E	04/09/2009	GPS	511398	6064818	9N		brown	light	0 - 20	15	B	5	N/A
KML35+50N 00+25W	04/09/2009	GPS	511347	6064819	9N								
KML35+50N 00+50E	04/09/2009	GPS	511422	6064819	9N								
KML35+50N 00+50W	04/09/2009	GPS	511321	6064820	9N		brown	light	0 - 20	15	B	4	N/A
KML35+50N 00+75E	04/09/2009	GPS	511446	6064819	9N		brown	light	0 - 20	15	B	4	N/A
KML35+50N 00+75W	04/09/2009	GPS	511294	6064820	9N								
KML35+50N 01+00E	04/09/2009	NO SAMPLE	511472	6064819	9N								
KML35+50N 01+00W	04/09/2009	GPS	511269	6064821	9N		brown	light	0 - 20	15	B	4	N/A
KML35+50N 01+25E	04/09/2009	NO SAMPLE	511496	6064820	9N								
KML35+50N 01+25W	04/09/2009	GPS	511242	6064826	9N		black	NA	0 - 20	15	B	4	N/A
KML35+50N 01+50E	04/09/2009	GPS	511520	6064820	9N		brown	light	0 - 20	15	B	3	N/A
KML35+50N 01+50W	04/09/2009	GPS	511215	6064830	9N		beige	NA	0 - 20	15	B	4	LINE_END
KML35+50N 01+75E	04/09/2009	GPS	511544	6064821	9N	268							
KML35+50N 01+75W	04/09/2009	GPS	511190	6064832	9N		beige	NA	0 - 20	15	B	4	LINE_END
KML35+50N 02+00E	04/09/2009	GPS	511567	6064821	9N	265							
KML35+50N 02+25E	04/09/2009	GPS	511592	6064821	9N	265							
KML35+50N 02+50E	04/09/2009	GPS	511616	6064820	9N	257							
KML35+50N 02+75E	04/09/2009	GPS	511638	6064820	9N	243							
KML35+50N 03+00E	04/09/2009	GPS	511663	6064819	9N	254	brown	light	0 - 20	15	B	4	N/A
KML35+50N 03+25E	04/09/2009	GPS	511683	6064819	9N	247	brown	NA	0 - 20	15	B	4	5M BEFORE
KML35+50N 03+50E	04/09/2009	GPS	511707	6064820	9N	238							
KML35+50N 03+75E	04/09/2009	GPS	511731	6064820	9N	213							
KML35+50N 04+00E	04/09/2009	GPS	511755	6064820	9N	255							
KML35+50N 04+25E	04/09/2009	GPS	511782	6064818	9N	245							
KML35+50N 04+50E	04/09/2009	GPS	511808	6064816	9N	239	brown	light	0 - 20	15	B	4	N/A
KML35+50N 04+75E	04/09/2009	GPS	511835	6064813	9N	224	brown	NA	0 - 20	15	B	4	N/A
KML35+50N 05+00E	04/09/2009	GPS	511861	6064811	9N	221							
KML35+50N 05+25E	04/09/2009	GPS	511886	6064813	9N	215							
KML35+50N 05+50E	04/09/2009	GPS	511910	6064816	9N	217							
KML35+50N 05+75E	04/09/2009	GPS	511935	6064818	9N	197							
KML35+50N 06+00E	04/09/2009	GPS	511959	6064820	9N	213	brown	light	0 - 20	15	B	4	N/A
KML35+50N 06+25E	04/09/2009	GPS	511982	6064820	9N	208							

Appendix 4.2 - Soil Sample Location/Description

Sample Number	Date	Location	Easting	Northing	UTM Zone	Elevation (m)	Primary Colour	Secondary Colour	Slope	Depth	Horizon	Quality	Note
KML35+50N 06+50E	04/09/2009	GPS	512006	6064819	9N	210	brown	NA	0 - 20	15	B	3	N/A
KML35+50N 06+75E	04/09/2009	GPS	512029	6064819	9N	209	brown	NA	0 - 20	15	B	3	ROCKY
KML35+50N 07+00E	04/09/2009	GPS	512053	6064818	9N	208	brown	NA	0 - 20	15	B	3	LINE_START
KML36+00N 00+00	04/09/2009	GPS	511989	6064876	9N		brown	light	0 - 20	15	B	3	N/A
KML36+00N 00+25E	04/09/2009	GPS	512011	6064878	9N		brown	light	0 - 20	15	B	3	N/A
KML36+00N 00+25W	04/09/2009	GPS	511966	6064874	9N		brown	light	0 - 20	15	B	3	N/A
KML36+00N 00+50E	04/09/2009	GPS	512033	6064880	9N		brown	light	0 - 20	15	B	4	N/A
KML36+00N 00+50W	04/09/2009	GPS	511940	6064872	9N		brown	light	0 - 20	15	B	3	N/A
KML36+00N 00+75E	04/09/2009	GPS	512056	6064882	9N		brown	NA	0 - 20	25	B	3	N/A
KML36+00N 00+75W	04/09/2009	GPS	511913	6064871	9N		brown	light	0 - 20	15	B	3	ABOVE_ROAD
KML36+00N 01+00E	04/09/2009	GPS	511688	6064868	9N		grey	brown	0 - 20	15	C	2	ABOVE_ROAD
KML36+00N 01+00W	04/09/2009	GPS	511887	6064869	9N		brown	NA	0 - 20	15	B	3	LINE_END
KML36+00N 01+25E	04/09/2009	GPS	511713	6064868	9N								
KML36+00N 01+50E	04/09/2009	GPS	511738	6064869	9N		brown	NA	0 - 20	15	B	3	N/A
KML36+00N 01+75E	04/09/2009	GPS	511762	6064869	9N		brown	light	0 - 20	15	B	3	N/A
KML36+00N 02+00E	04/09/2009	GPS	511786	6064869	9N		brown	light	0 - 20	15	B	3	N/A
KML36+00N 02+25E	04/09/2009	GPS	511811	6064868	9N		brown	light	0 - 20	15	B	3	N/A
KML36+00N 02+50E	04/09/2009	GPS	511835	6064868	9N		brown	light	0 - 20	15	B	4	N/A
KML36+00N 02+75E	04/09/2009	GPS	511860	6064867	9N		grey	NA	0 - 20	15	B	2	N/A
KML36+00N 03+00E	04/09/2009	GPS	511276	6064867	9N		brown	NA	0 - 20	15	B	4	N/A
KML36+00N 03+25E	04/09/2009	GPS	511300	6064866	9N		brown	NA	0 - 20	15	B	4	N/A
KML36+00N 03+50E	04/09/2009	GPS	511324	6064865	9N		brown	NA	0 - 20	15	B	3	N/A
KML36+00N 03+75E	04/09/2009	GPS	511348	6064864	9N		brown	light	0 - 20	15	B	3	N/A
KML36+00N 04+00E	04/09/2009	GPS	511373	6064863	9N		brown	light	0 - 20	15	B	3	N/A
KML36+00N 04+25E	04/09/2009	GPS	511397	6064863	9N		brown	NA	0 - 20	15	B	4	N/A
KML36+00N 04+50E	04/09/2009	GPS	511419	6064864	9N		brown	rusty	0 - 20	15	B	4	N/A
KML36+00N 04+75E	04/09/2009	GPS	511442	6064864	9N		brown	NA	0 - 20	15	B	3	N/A
KML36+00N 05+00E	04/09/2009	GPS	511464	6064864	9N		brown	salmon	0 - 20	15	B	4	N/A
KML36+00N 05+25E	04/09/2009	GPS	511488	6064864	9N		brown	NA	0 - 20	15	B	3	N/A
KML36+00N 05+50E	04/09/2009	GPS	511513	6064864	9N		brown	NA	0 - 20	15	B	3	ROCKY
KML36+00N 05+75E	04/09/2009	GPS	511537	6064863	9N		brown	NA	0 - 20	15	B	4	N/A
KML36+00N 06+00E	04/09/2009	NO SAMPLE	511562	6064863	9N								
KML36+00N 06+25E	04/09/2009	GPS	511588	6064864	9N		brown	grey green	0 - 20	15	B	3	N/A
KML36+00N 06+50E	04/09/2009	GPS	511612	6064865	9N		brown	grey	0 - 20	15	B	2	ROCKY
KML36+00N 06+75E	04/09/2009	GPS	511638	6064866	9N		brown	grey	0 - 20	15	B	3	ROCKY
KML36+00N 07+00E	04/09/2009	GPS	511664	6064867	9N		brown	rusty	0 - 20	15	B	3	LINE_END
KML36+50N 00+00	04/09/2009	GPS	511369	6064913	9N								
KML36+50N 00+25E	04/09/2009	GPS	511393	6064913	9N								
KML36+50N 00+25W	04/09/2009	GPS	511343	6064912	9N								
KML36+50N 00+50E	04/09/2009	GPS	511417	6064912	9N		brown	light	0 - 20	15	B	5	N/A
KML36+50N 00+50W	04/09/2009	GPS	511317	6064911	9N								
KML36+50N 00+75E	04/09/2009	GPS	511440	6064912	9N								
KML36+50N 00+75W	04/09/2009	GPS	511291	6064910	9N		brown	light	0 - 20	15	B	4	N/A
KML36+50N 01+00E	04/09/2009	GPS	511464	6064911	9N		brown	light	0 - 20	15	B	3	N/A
KML36+50N 01+00W	04/09/2009	NO SAMPLE	511265	6064909	9N		brown	NA	0 - 20	15	B	4	LINE_START
KML36+50N 01+25E	04/09/2009	GPS	511488	6064910	9N		brown	light	0 - 20	15	B	4	N/A
KML36+50N 01+50E	04/09/2009	GPS	511512	6064910	9N								
KML36+50N 01+75E	04/09/2009	GPS	511535	6064909	9N								
KML36+50N 02+00E	04/09/2009	GPS	511559	6064908	9N		brown	NA	0 - 20	15	B	3	N/A
KML36+50N 02+25E	04/09/2009	GPS	511584	6064909	9N		brown	NA	0 - 20	15	B	4	N/A
KML36+50N 02+50E	04/09/2009	NO SAMPLE	511610	6064910	9N								

Appendix 4.2 - Soil Sample Location/Description

Sample Number	Date	Location	Easting	Northing	UTM Zone	Elevation (m)	Primary Colour	Secondary Colour	Slope	Depth	Horizon	Quality	Note
KML36+50N 02+75E	04/09/2009	GPS	511636	6064911	9N		brown	NA	0 - 20	15	B	3	N/A
KML36+50N 03+00E	04/09/2009	GPS	511662	6064912	9N		brown	light	0 - 20	15	B	4	N/A
KML36+50N 03+25E	04/09/2009	GPS	511685	6064912	9N		brown	light	0 - 20	15	B	4	N/A
KML36+50N 03+50E	04/09/2009	GPS	511709	6064912	9N								
KML36+50N 03+75E	04/09/2009	GPS	511733	6064911	9N								
KML36+50N 04+00E	04/09/2009	GPS	511756	6064911	9N								
KML36+50N 04+25E	04/09/2009	GPS	511781	6064911	9N								
KML36+50N 04+50E	04/09/2009	GPS	511807	6064912	9N		brown	light	0 - 20	15	B	4	10M PAST
KML36+50N 04+75E	04/09/2009	GPS	511833	6064912	9N		brown	light	0 - 20	15	B	4	N/A
KML36+50N 05+00E	04/09/2009	GPS	511858	6064912	9N								
KML36+50N 05+25E	04/09/2009	GPS	511883	6064912	9N		brown	light	0 - 20	15	B	4	5M BEFORE
KML36+50N 05+50E	04/09/2009	GPS	511908	6064912	9N		grey	NA	0 - 20	15	B	4	N/A
KML36+50N 05+75E	04/09/2009	GPS	511934	6064912	9N		brown	light	0 - 20	15	B	4	N/A
KML36+50N 06+00E	04/09/2009	GPS	511959	6064912	9N								
KML36+50N 06+25E	04/09/2009	GPS	511985	6064911	9N		brown	light	0 - 20	15	B	4	N/A
KML36+50N 06+50E	04/09/2009	GPS	512011	6064911	9N								
KML36+50N 06+75E	04/09/2009	GPS	512037	6064910	9N								
KML36+50N 07+00E	04/09/2009	GPS	512063	6064909	9N		brown	light	0 - 20	15	B	4	LINE_END

4.3 Silt Samples

Sample #	Sample Type	Sample Purpose	Location Method	UTM E	UTM N	UTM Zone	GPS Accuracy	Stream Turbulance	Sample Depth	Sample Size	Sample Quality	Comments
CAKMS001	SILT	ANALYSIS	MAP	503620	6059600	09N	25	3	0	3	4	no sat reception, location estimated from map
RSKMS002	SILT	ANALYSIS	MAP	503735	6059695	09N	25	3	0	5	5	no sat reception, location estimated from map
RSKMS001	SILT	ANALYSIS	MAP	504733	6059760	09N	25	3	0	5	5	no sat reception, location estimated from map

Appendix V – Analytical Certificates

5.1 Rock Samples
5.2 Soil and Silt Samples

5.1 Rock Samples

11-Aug-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- 0372

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

No. of samples received: 3
Sample Type: Rock
Shipment #: KM09-001

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	CAKMR001	5	<0.1	2.17	1.3	29.0	0.08	1.45	0.04	10.9	70.0	5.8	3.72	9.7	<5	0.05	3.5	1.57	949	0.23	0.173	5.2	1114	3.11	<0.02	0.20	4.2	0.2	119.0	0.04	0.3	0.110	0.04	0.1	88	0.2	98.9
2	CAKMR002	5	0.1	2.61	5.1	42.5	0.14	0.17	0.07	18.3	134.0	13.3	4.52	6.6	<5	0.08	3.0	1.04	765	0.36	0.065	104.1	607	1.98	<0.02	0.44	2.8	0.3	9.5	0.04	2.0	0.012	0.04	0.1	44	0.1	105.2
3	CAKMR003	10	<0.1	5.80	8.8	1323.0	0.04	4.59	0.02	23.1	95.0	27.0	5.36	14.1	<5	2.21	1.0	2.23	966	0.59	0.563	16.7	654	2.01	0.06	0.12	14.2	0.1	356.5	0.12	0.4	0.233	0.50	<0.1	196	0.7	62.3
QC DATA:																																					
Repeat:																																					
1	CAKMR001	5	0.1	2.16	1.5	29.5	0.08	1.45	0.04	10.9	71.0	5.8	3.65	9.7	<5	0.05	4.0	1.56	930	0.21	0.175	5.3	1094	2.79	<0.02	0.20	4.4	0.2	120.0	0.04	0.2	0.118	0.04	0.2	88	0.1	98.0
Resplit:																																					
1	CAKMR001	5	<0.1	2.20	1.4	31.0	0.06	1.51	0.04	10.8	66.5	5.7	3.63	9.7	<5	0.05	4.0	1.56	934	0.19	0.184	4.8	1101	2.77	<0.02	0.22	4.3	0.2	127.0	0.04	0.2	0.123	0.02	0.2	88	0.1	97.4
Standard:																																					
Pb129a			11.9	0.87	5.6	77.5	0.46	0.51	53.78	5.0	11.5	1420.0	1.52	2.5	70	0.11	4.0	0.68	368	2.04	0.055	5.4	482	6147.00	0.88	14.70	0.8	0.2	30.0	0.38	0.4	0.044	0.06	0.1	16	0.2	>10000
OXE74		610																																			

Aqua Regia Digest/ICPMS Finish

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

NM/nw
df/msr370S
XLS/09

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

StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AK 2009-0530

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

30-Sep-09

No. of samples received: 16
Sample Type: Rock
Shipment #: KM09-002

ET #.	Tag #		Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
1	DKKMR001		0.07	0.002				
2	DKKMR002		983	28.667	495	14.44		
3	DKKME003		1.17	0.034	64.3	1.88	2.81	
4	SFKMR001		0.04	0.001				
5	SFKMR002		0.06	0.002				
6	AHKMV030		0.07	0.002	58.2	1.70	1.16	1.02
7	AHKMV035		<0.03	<0.001				
8	AHKMV036		4.81	0.140				
9	AHKMV037		0.12	0.003				
10	AHKMV038		0.12	0.003	100	2.92	2.54	7.28
11	AHKMV039		2.54	0.074	32.3	0.94		
12	AHKMV040	*	6.93	0.202				
13	AHKMV041		0.19	0.006				
14	AHKMV042		0.21	0.006	32.7	0.95		
15	AHKMV043		0.70	0.020	190	5.54		
16	AHKMV044		1.69	0.049				

QC DATA:

Repeat:

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	DKKMR001	0.05	0.001		
2	DKKMR002	963	28.084	508	14.82
3	DKKME003	1.25	0.036		
10	AHKMV038	0.17	0.005		
15	AHKMV043	0.67	0.020		
16	AHKMV044	1.76	0.051		

Resplit:

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	DKKMR001	0.06	0.002

* Based on 120g

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

StewartGroup
Geochemical & Assay

BOOTLEG EXPLORATION INC. AK09-0530 30-Sep-09

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Pb (%)	Zn (%)
Standard:							
OXJ64		2.32	0.068				
Pb104				104		1.00	1.49

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7-Oct-09

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

ICP CERTIFICATE OF ANALYSIS AK 2009-0530

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

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

No. of samples received: 16
Sample Type: Rock
Shipment #: KM09-002

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	DKKMR001	3.5	0.33	70	<5	5	8.92	9	4	68	68	4.48	<10	1.11	2156	<1	0.04	14	<10	206	5	<20	749	<0.01	<10	8	<10	14	630
2	DKKMR002	>30	0.15	2170	10	5	9.29	7	7	59	30	8.22	<10	0.75	3376	<1	0.05	15	220	238	15	<20	154	<0.01	<10	12	<10	14	669
3	DKKME003	>30	0.11	165	5	<5	0.03	22	4	182	74	2.73	<10	0.03	67	7	0.02	5	180	>10000	130	<20	13	<0.01	<10	5	20	<1	3023
4	SFKMR001	7.0	0.32	335	5	5	6.91	6	6	97	37	5.54	<10	1.04	2515	<1	0.04	9	320	529	25	<20	183	<0.01	<10	8	<10	9	494
5	SFKMR002	5.5	1.97	10	15	<5	0.99	6	113	44	1463	>10	<10	1.16	524	4	0.16	36	1150	56	5	<20	44	0.11	<10	140	10	5	76
6	AHKMV030	>30	0.94	95	25	<5	0.97	201	8	198	515	2.93	<10	0.59	827	4	0.03	25	410	>10000	50	<20	43	<0.01	<10	31	10	5	>10000
7	AHKMV035	0.6	1.11	70	50	<5	1.67	2	14	30	34	3.32	<10	0.72	946	<1	0.06	20	680	27	10	<20	85	<0.01	<10	21	<10	3	98
8	AHKMV036	1.2	0.45	355	<5	<5	0.07	3	28	172	57	8.32	<10	0.13	142	<1	0.04	14	60	27	5	<20	5	<0.01	<10	10	<10	<1	63
9	AHKMV037	22.9	0.25	245	20	<5	4.83	12	16	83	101	3.76	<10	1.20	1366	<1	0.03	23	660	2586	190	<20	361	<0.01	<10	12	<10	6	1091
10	AHKMV038	>30	1.03	135	15	5	0.23	>1000	23	148	1424	5.59	<10	0.78	364	4	0.04	32	520	>10000	75	<20	9	<0.01	<10	48	20	4	>10000
11	AHKMV039	>30	0.54	720	10	<5	8.19	8	9	53	183	7.15	<10	1.64	2302	<1	0.04	9	180	282	20	<20	539	<0.01	<10	14	<10	10	694
12	AHKMV040	4.1	0.06	80	<5	<5	0.15	5	2	222	59	1.80	<10	0.04	79	<1	0.02	6	10	274	5	<20	4	<0.01	<10	3	<10	<1	380
13	AHKMV041	9.6	0.22	965	30	<5	0.03	1	7	94	44	2.24	<10	0.03	29	3	0.02	11	170	309	20	<20	5	<0.01	<10	6	<10	<1	34
14	AHKMV042	>30	0.20	2370	20	<5	0.04	14	7	197	70	2.45	<10	0.02	55	6	0.03	13	90	245	85	<20	4	<0.01	<10	5	<10	<1	1474
15	AHKMV043	>30	0.13	325	15	50	0.08	35	3	173	152	2.80	<10	0.02	34	7	0.02	6	490	5680	130	<20	6	<0.01	<10	7	<10	<1	4201
16	AHKMV044	2.5	0.39	>10000	15	<5	0.14	5	7	183	37	3.52	<10	0.12	221	7	0.02	12	340	111	50	<20	65	<0.01	<10	13	<10	3	262
QC DATA:																													
Repeat:																													
1	DKKMR001	3.5	0.33	70	<5	5	9.05	9	4	72	66	4.54	<10	1.07	2141	<1	0.04	14	<10	208	5	<20	741	<0.01	<10	8	<10	14	628
10	AHKMV038	>30	1.02	135	15	5	0.23	>1000	23	148	1382	5.49	<10	0.76	364	3	0.04	31	510	>10000	75	<20	9	<0.01	<10	48	20	4	>10000
Resplit:																													
1	DKKMR001	4.0	0.35	70	<5	5	9.16	9	4	76	69	4.64	<10	1.08	2187	<1	0.04	15	<10	231	5	<20	746	<0.01	<10	8	<10	14	650
Standard:																													
Pb129a		11.7	0.81	<5	70	<5	0.45	54	6	11	1401	1.52	<10	0.67	367	2	0.03	5	410	6166	20	<20	30	0.04	<10	21	<10	2	9964

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

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df/1_512S
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5.2 Soil and Silt Samples

11-Aug-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- 0373

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

No. of samples received: 3
Sample Type: Silts
Shipment #: KM09-001

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	CKMS001	5	0.2	2.55	21.1	178.5	0.54	0.78	0.24	13.9	15.5	49.0	5.45	7.6	<5	0.43	5.5	0.75	582	2.07	0.091	17.8	1041	6.65	0.28	0.36	4.7	0.9	101.0	0.12	2.5	0.095	0.20	3.8	66	1.0	108.7
2	RSKMS001	5	0.1	1.30	4.9	96.0	0.12	0.37	0.10	5.7	25.0	19.1	2.34	4.2	<5	0.26	4.5	0.52	199	2.03	0.064	12.9	787	2.61	0.04	0.08	3.5	0.5	25.0	0.06	2.3	0.064	0.12	0.9	48	0.8	52.2
3	RSKMS002	<5	0.1	2.28	13.1	206.5	0.30	0.66	0.13	9.3	13.5	33.6	3.87	7.3	<5	0.45	5.5	0.71	489	1.47	0.095	11.2	974	5.29	0.06	0.22	4.6	0.7	96.0	0.08	2.6	0.111	0.22	0.9	64	0.3	86.9
QC DATA:																																					
Repeat:																																					
1	CKMS001	5	0.1	2.58	17.2	188.5	0.32	0.77	0.26	13.2	15.5	44.8	5.21	7.7	<5	0.43	5.5	0.76	577	1.88	0.089	16.8	1024	6.61	0.22	0.38	4.5	0.8	98.0	0.12	2.3	0.098	0.20	1.1	66	1.6	107.5
Standard:																																					
Pb129a			11.9	0.87	5.6	77.5	0.46	0.51	53.78	5.0	11.5	1420.0	1.52	2.5	70	0.11	4.0	0.68	368	2.04	0.055	5.4	432	6147.00	0.88	14.70	0.8	0.2	30.0	0.38	0.4	0.044	0.06	0.1	16	0.2	>10000
OXE74		630																																			

Aqua Regia Digest/ICPMS Finish

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

NM/nw
df/msr370s
XLS/09

21-Oct-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- 0515

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

No. of samples received: 185
Sample Type: Soil
Shipment #: KM09-002
Submitted by: Chris Gallagher

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	KML001 00+00S	22.8	0.50	2.30	48.9	138.0	0.10	0.26	0.29	16.9	4.0	98.0	4.60	6.9	65	0.05	6.0	0.65	1742	0.67	0.041	4.9	962	12.38	0.08	0.84	2.4	0.3	51.5	0.08	0.5	0.043	0.14	0.7	92	0.6	69.1
2	KML001 00+25S	7.8	0.78	2.25	18.9	150.5	0.08	0.20	0.46	10.6	3.5	74.7	5.06	8.2	145	0.04	6.0	0.41	815	0.86	0.041	3.2	833	11.89	0.12	0.32	1.1	0.3	142.5	0.04	0.2	0.036	0.06	0.6	100	0.3	35.2
3	KML001 00+50S	7.0	0.38	5.00	17.2	122.0	0.06	0.16	0.23	10.8	12.5	75.7	4.26	8.3	105	0.04	8.0	0.52	739	0.78	0.039	7.4	1248	11.73	0.12	0.34	2.2	0.6	74.0	0.04	0.3	0.071	0.08	0.6	102	0.4	39.7
4	KML001 00+75S	8.4	1.02	2.34	17.8	143.5	0.08	0.16	0.27	6.7	16.0	58.7	4.21	8.0	145	0.03	4.0	0.46	268	0.61	0.041	11.1	1067	13.70	0.16	0.32	1.0	0.4	164.5	0.06	0.1	0.033	0.04	0.4	90	0.4	30.5
5	KML001 01+00S	17.6	0.32	4.21	34.6	103.0	0.12	0.14	0.36	10.5	6.5	60.0	4.76	9.8	110	0.03	5.5	0.61	422	0.90	0.035	6.0	836	17.82	0.10	0.62	2.2	0.6	80.0	0.04	0.4	0.051	0.06	0.5	98	1.0	53.0
6	KML001 01+25S	13.0	0.36	3.08	22.5	202.0	0.32	0.40	0.34	18.5	4.5	95.4	6.06	9.8	85	0.05	6.5	1.00	738	0.69	0.044	4.5	888	40.86	0.06	0.46	4.1	0.3	124.0	0.16	1.0	0.098	0.10	0.5	132	0.4	86.1
7	KML001 01+50S	1863.0	4.14	3.28	170.1	153.5	0.10	0.15	1.60	20.8	3.5	149.0	9.16	9.1	110	0.03	6.0	0.88	1254	1.71	0.030	6.6	763	88.57	0.08	1.96	6.5	0.5	27.5	0.08	2.2	0.014	0.14	1.1	158	3.2	358.2
8	KML001 01+75S	20.6	1.82	1.80	29.0	53.0	0.12	0.15	0.34	5.5	3.0	89.6	4.89	6.2	80	0.02	6.0	0.26	328	0.94	0.032	5.1	685	17.54	0.12	0.56	1.5	0.3	28.0	<0.02	0.3	0.024	0.06	1.1	126	0.7	34.3
9	KML001 02+00S	101.4	2.40	3.63	55.7	80.0	0.12	0.07	0.49	8.8	10.0	61.4	6.36	9.1	100	0.03	7.0	0.55	425	1.31	0.031	8.0	839	51.35	0.10	1.82	2.9	0.6	27.0	0.06	1.1	0.017	0.08	0.6	100	1.6	83.1
10	KML001 02+25S	24.8	0.94	3.86	33.9	196.0	0.08	0.24	0.41	19.8	7.5	221.0	5.41	8.3	120	0.19	7.5	1.21	711	0.64	0.035	11.7	814	26.30	0.10	1.42	5.7	0.5	175.0	0.06	1.4	0.178	0.18	0.9	178	0.5	96.0
11	KML001 02+50S	42.8	1.34	3.00	53.0	122.0	0.14	0.05	0.40	6.1	12.0	45.8	6.73	11.5	85	0.02	4.5	0.40	229	1.20	0.033	7.6	399	57.68	0.06	2.10	3.2	0.3	29.0	0.06	1.2	0.005	0.06	0.4	136	1.8	67.5
12	KML001 02+75S	28.6	0.84	2.35	40.0	169.5	0.20	0.06	0.46	6.1	9.5	28.5	5.82	10.9	60	0.03	4.5	0.37	234	1.18	0.032	7.5	377	52.54	0.06	1.50	3.0	0.1	19.0	0.06	1.1	0.007	0.06	0.3	132	1.9	62.6
13	KML001 03+00S	38.0	0.88	4.67	36.3	192.5	0.08	0.26	0.41	17.6	12.5	114.0	5.12	8.7	110	0.08	8.0	0.99	420	0.74	0.037	12.5	699	52.92	0.08	0.76	5.3	0.5	24.5	0.04	1.8	0.111	0.08	0.7	152	0.7	95.5
14	KML002 00+00E	18.4	0.54	2.96	97.5	49.5	0.26	0.06	0.28	7.6	16.5	20.7	7.13	15.9	90	0.03	12.5	0.59	510	4.23	0.033	11.2	581	30.48	0.06	2.62	1.0	1.0	10.5	0.10	0.5	0.006	0.06	0.7	56	1.6	86.4
15	KML002 00+25E	12.8	0.48	3.73	19.6	25.0	0.40	0.05	0.10	3.2	16.5	20.3	3.97	23.6	120	0.03	18.5	0.19	374	4.69	0.039	6.1	876	20.37	0.12	0.34	1.2	1.5	8.5	0.06	0.9	0.031	0.04	1.5	34	0.6	57.7
16	KML002 00+50E	11.0	1.04	3.87	47.5	104.5	0.26	0.18	0.25	18.5	12.0	78.9	5.43	14.3	40	0.09	18.0	0.82	1476	2.35	0.061	13.1	1059	26.66	0.08	0.84	3.9	0.9	75.5	0.06	2.9	0.070	0.12	1.4	106	0.4	140.1
17	KML002 00+75E N/S																																				
18	KML002 01+00E N/S																																				
19	KML002 01+25E	17.8	0.50	2.33	47.4	76.0	0.32	0.19	0.20	18.0	14.0	57.9	4.30	5.9	200	0.06	6.0	0.68	1686	1.45	0.040	20.7	1835	25.71	0.14	1.72	2.6	1.2	48.0	0.08	0.5	0.020	0.10	0.5	64	0.5	105.6
20	KML002 01+50E	18.8	0.46	2.86	172.8	70.0	0.16	0.10	0.26	21.3	10.0	70.9	5.16	7.7	80	0.03	5.5	0.84	1561	1.88	0.030	10.4	1764	36.23	0.12	0.96	3.0	0.7	13.5	0.12	0.9	0.008	0.06	0.5	84	0.7	115.0
21	KML002 01+75E	4.6	0.50	0.69	6.2	29.5	0.06	0.07	0.10	2.1	6.5	8.6	0.89	2.3	85	0.03	3.0	0.13	61	0.40	0.037	2.6	1133	6.40	0.12	0.14	0.3	0.4	17.0	0.04	<0.1	0.003	<0.02	0.3	18	<0.1	12.7
22	KML002 02+00E	29.0	1.02	3.98	130.6	51.5	0.14	0.04	0.57	15.2	17.0	46.0	6.83	7.5	130	0.01	4.0	0.47	556	1.10	0.032	11.2	911	47.60	0.10	1.38	2.6	0.9	14.0	0.10	0.8	0.008	0.04	0.3	72	0.3	62.9
23	KML002 02+25E	30.2	1.50	2.42	402.7	51.0	0.22	0.09	0.63	31.0	11.0	46.1	6.65	6.2	95	0.02	4.5	0.42	1512	1.10	0.034	9.7	1246	50.94	0.12	1.64	1.9	0.7	16.0	0.12	0.7	0.006	0.02	0.4	56	0.1	75.6
24	KML002 02+50E	84.0	0.56	2.80	169.3	97.5	0.36	0.27	0.44	57.8	14.5	107.5	7.27	8.6	85	0.02	11.5	1.35	3971	1.44	0.033	24.2	1382	78.99	0.10	2.90	5.3	1.0	26.0	0.22	1.2	0.001	0.06	0.4	64	0.1	135.0
25	KML002 00+25W	28.6	1.08	4.41	137.2	32.5	0.24	0.04	0.35	16.1	16.5	33.1	7.36	14.5	135	0.01	8.5	0.27	2002	3.61	0.032	8.2	2372	30.98	0.10	0.94	2.1	1.4	7.5	0.10	1.7	0.040	0.04	0.7	44	0.8	51.2
26	KML002 00+50W	43.8	1.08	2.68	107.7	43.5	0.34	0.05	0.30	9.7	21.5	49.6	9.03	21.7	105	0.04	9.0	0.72	741	5.88	0.034	15.2	744	34.70	0.10	1.78	2.3	1.3	24.0	0.08	0.9	0.038	0.04	0.8	94	0.6	99.4
27	KML002 00+75W	17.4	0.68	1.81	59.4	22.5	0.42	0.03	0.37	3.2	11.0	17.3	5.25	19.0	85	0.02	9.5	0.16	492	3.04	0.033	3.7	1033	23.72	0.10	1.44	0.5	0.7	9.5	0.06	<0.1	0.010	0.04	0.5	112	0.4	35.2
28	KML002 01+00W	10.6	0.92	2.52	50.7	34.5	0.56	0.37	0.67	6.7	16.0	21.8	6.60	32.1	80	0.03	21.0	0.45	587	6.30	0.032	9.9	746	27.32	0.10	1.04	1.4	1.9	20.5	0.08	0.5	0.033	0.06	1.3	64	0.5	75.6
29	KML002 01+25W	11.0	2.32	4.33	53.9	22.0	0.32	0.05	0.24	4.6	15.5	23.0	5.44	18.3	210	0.02	14.0	0.31	488	4.83	0.038	7.2	579	25.26	0.10	0.72	1.7	1.5	6.0	0.10	1.6	0.042	0.04	1.0	38	0.9	55.4
30	KML002 01+50W	12.6	0.74	4.16	38.8	42.5	0.22	0.07	0.14	9.0	19.5	28.8	4.96	14.2	150	0.02	9.5	0.70	828	3.18	0.032	11.4	1474	26.01	0.10	0.76	1.7	1.1	10.5	0.08	0.9	0.021	0.04	0.9	56	0.4	79.6

Et #.	Tag #	Au	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Ti	Tl	U	V	W	Zn
		ppb	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppr
31	KML002 01+75W	8.8	0.94	5.23	20.7	20.5	0.22	0.05	0.23	2.5	19.0	19.3	5.99	19.3	170	0.01	8.0	0.18	214	3.34	0.033	4.6	626	18.36	0.10	0.62	3.3	1.2	7.5	0.06	1.6	0.063	<0.02	0.7	46	0.8	30.
32	KML002 02+00W	20.6	1.18	3.00	94.2	26.0	0.32	0.02	0.24	9.1	16.0	28.2	7.07	18.4	95	0.02	9.5	0.44	1020	4.94	0.029	10.2	832	34.55	0.08	1.78	1.3	1.4	6.5	0.06	0.4	0.014	0.04	0.6	52	0.5	84.
33	KML002 02+25W	12.0	1.48	3.59	115.4	31.5	0.34	0.07	0.18	13.6	17.0	37.4	5.26	16.2	165	0.03	15.0	0.56	1049	4.28	0.035	12.9	937	59.21	0.10	1.88	1.6	1.4	7.0	0.10	1.3	0.016	0.04	1.3	42	0.3	115.
34	KML002 02+50W	5.0	0.44	1.90	13.4	21.5	0.68	0.06	0.14	3.2	14.0	11.2	7.18	49.3	115	0.04	21.0	0.11	1564	7.58	0.035	3.1	2175	26.69	0.08	0.34	0.9	0.5	10.0	0.06	1.4	0.052	0.04	0.6	70	0.5	38.
35	KML002 02+75W	5.6	1.06	2.62	12.3	21.5	0.46	0.03	0.15	1.8	9.0	11.4	3.57	23.8	90	0.02	18.0	0.10	163	3.82	0.036	2.3	596	18.12	0.10	0.26	0.8	0.8	8.5	0.04	0.3	0.033	0.04	0.6	50	0.5	23.
36	KML002 03+00W	8.2	0.20	2.49	32.4	23.0	0.36	0.03	0.05	7.9	15.5	15.8	4.74	13.8	35	0.03	8.5	0.84	403	1.86	0.038	11.6	595	12.46	0.04	0.42	1.0	0.8	7.0	0.04	0.2	0.006	0.04	0.4	64	0.5	63.
37	KML002 03+25W	4.4	0.30	3.14	13.1	33.5	0.22	0.03	0.05	11.0	16.5	18.5	3.46	10.7	40	0.03	10.0	0.64	984	1.43	0.039	10.2	921	11.57	0.04	0.22	1.7	0.6	8.5	<0.02	0.4	0.003	0.04	0.4	50	0.4	55.
38	KML002 03+50W	6.4	0.50	3.40	19.7	34.0	0.18	0.06	0.24	4.0	14.5	30.7	5.26	13.4	210	0.03	4.5	0.28	261	1.82	0.038	5.4	1768	15.27	0.10	0.24	1.8	0.9	24.5	0.06	1.0	0.036	<0.02	0.5	62	0.7	29.
39	KML002 03+75W	5.2	0.58	2.13	23.9	20.0	0.30	0.02	0.21	4.6	12.5	21.4	7.08	13.0	130	0.02	6.5	0.34	341	1.68	0.035	7.1	839	15.72	0.06	0.60	1.5	0.7	5.5	0.08	0.6	0.004	<0.02	0.3	56	0.5	36.
40	KML002 04+00W	8.4	0.52	2.84	93.7	25.5	0.30	0.04	0.22	5.3	16.5	34.4	7.83	9.5	125	0.02	5.5	0.43	315	1.73	0.035	8.7	527	21.66	0.06	0.60	2.2	0.8	3.5	0.08	1.1	0.002	0.02	0.3	58	0.4	53.
41	KML003 00+00S	61.4	2.30	5.29	116.5	120.0	0.10	0.09	0.48	11.0	9.5	50.2	5.74	6.3	180	0.04	5.0	0.68	753	1.07	0.038	8.3	969	96.62	0.06	2.90	3.8	0.6	14.0	0.04	2.3	0.003	0.06	0.6	60	1.8	155
42	KML003 00+25S	23.2	0.90	4.84	148.1	97.5	0.14	0.05	0.34	8.8	13.0	49.0	7.38	9.3	185	0.05	5.5	0.57	567	1.94	0.041	8.5	840	81.28	0.08	4.74	3.9	0.7	15.5	0.06	2.3	0.004	0.06	0.7	80	2.0	135
43	KML003 00+50S	17.8	2.98	5.18	114.5	68.0	0.18	0.05	0.23	7.3	12.0	38.2	8.34	12.6	225	0.04	8.0	0.45	693	2.61	0.043	5.6	1036	92.36	0.08	3.42	3.6	0.8	13.0	0.08	3.5	0.024	0.06	1.0	74	2.7	112
44	KML003 00+75S	17.0	1.88	4.21	51.1	62.5	0.12	0.03	0.40	4.5	7.5	31.5	6.54	9.6	270	0.03	5.0	0.30	473	1.78	0.037	3.0	1769	36.45	0.08	1.48	2.5	0.7	9.5	0.06	1.9	0.025	0.02	0.6	70	1.8	55.
45	KML003 01+00S	37.8	0.46	4.26	81.8	90.5	0.12	0.06	0.27	10.7	10.5	50.2	6.76	9.5	110	0.04	4.0	0.83	569	1.17	0.040	7.4	693	60.61	0.06	2.32	4.2	0.4	15.5	0.04	2.3	0.016	0.06	0.5	94	2.0	127
46	KML003 01+25S	18.0	1.28	2.81	57.6	74.0	0.12	0.05	0.27	4.3	5.5	17.6	6.37	10.1	105	0.03	4.0	0.24	308	1.21	0.036	2.0	2210	31.74	0.04	1.12	2.1	0.3	13.0	0.04	1.2	0.002	0.06	0.3	94	3.3	46.
47	KML003 01+50S	31.0	0.74	2.94	67.6	73.5	0.12	0.05	0.18	3.9	6.0	17.2	7.09	10.7	115	0.03	4.0	0.25	284	1.51	0.035	2.5	1262	88.86	0.04	1.12	2.1	0.3	14.0	0.02	1.2	0.002	0.08	0.4	80	4.4	75.
48	KML003 01+75S	22.2	0.48	3.57	49.9	86.5	0.10	0.04	0.23	5.6	8.0	26.2	8.20	10.3	170	0.03	4.0	0.36	471	1.12	0.035	2.6	1476	30.63	0.06	1.26	2.6	0.5	9.5	0.04	1.3	0.006	0.06	0.4	110	3.2	61.
49	KML003 02+00S	53.0	0.34	2.04	36.7	61.0	0.12	0.04	0.27	3.2	3.5	15.7	4.74	10.4	115	0.03	4.0	0.15	298	1.07	0.037	1.3	1311	24.02	0.04	1.06	1.1	0.3	11.0	0.04	0.5	0.006	0.06	0.3	86	3.1	34.
50	KML003 02+25S	15.0	3.36	4.38	38.3	58.0	0.10	0.04	0.43	4.6	6.5	25.0	6.96	10.6	220	0.03	5.0	0.19	599	1.93	0.037	1.8	1854	27.23	0.08	1.10	2.0	0.8	10.0	0.02	1.1	0.035	0.04	0.6	90	3.5	45.
51	KML003 02+50S	16.0	1.56	4.54	62.4	77.0	0.10	0.05	0.83	8.7	6.5	58.9	6.45	9.2	260	0.03	4.5	0.40	1738	1.28	0.041	3.4	2158	45.37	0.08	2.56	2.2	0.6	15.0	0.02	1.6	0.035	0.02	0.5	80	2.3	80.
52	KML003 02+75S	8.4	2.02	2.51	36.2	81.5	0.16	0.04	0.29	2.8	4.5	24.1	6.66	12.2	170	0.02	5.0	0.12	211	1.61	0.038	1.4	1316	27.15	0.04	1.36	1.8	0.4	16.5	0.04	1.1	0.013	0.02	0.4	122	1.7	32.
53	KML003 03+00S	16.8	1.08	3.91	53.9	79.5	0.12	0.10	0.33	8.4	12.0	45.2	7.73	12.2	230	0.04	4.5	0.52	675	1.25	0.039	6.4	3133	32.02	0.06	1.64	2.7	0.5	18.5	0.04	1.1	0.042	0.04	0.5	150	1.5	63.
54	KML003 03+25S	15.0	1.20	4.44	33.5	71.0	0.26	0.08	0.42	8.6	9.5	39.1	6.19	16.8	215	0.04	14.5	0.24	1566	2.86	0.043	3.6	2469	28.38	0.06	1.18	2.6	0.8	12.0	0.06	2.1	0.064	0.04	0.9	80	1.8	83.
55	KML003 03+50S	13.2	1.00	2.43	37.6	73.0	0.12	0.10	0.48	3.1	6.5	36.7	5.47	11.2	160	0.03	4.5	0.11	271	1.52	0.037	1.8	1581	24.76	0.06	1.64	1.5	0.4	17.5	0.04	0.8	0.015	0.02	0.4	118	1.4	31.
56	KML003 03+75S	20.2	1.06	1.56	28.4	62.0	0.10	0.06	0.25	3.0	4.0	27.7	3.65	8.3	130	0.04	3.5	0.11	208	1.22	0.035	1.9	852	19.12	0.04	1.58	0.8	0.3	15.5	0.02	0.2	0.011	0.02	0.3	94	1.8	29.
57	KML003 04+00S	11.0	0.60	2.09	35.6	96.5	0.10	0.09	0.56	5.9	7.0	43.3	4.51	7.3	145	0.03	4.0	0.30	767	1.79	0.037	4.1	702	26.40	0.06	1.56	1.2	0.3	21.0	<0.02	0.3	0.022	0.02	0.4	90	1.4	54.
58	KML003 04+25S	13.8	1.60	3.55	525.4	154.0	0.10	1.22	1.03	16.0	17.5	66.8	5.11	8.8	130	0.07	9.5	0.59	1902	2.18	0.039	10.0	1309	43.95	0.08	1.86	2.5	0.9	87.0	0.04	0.5	0.022	0.06	14.3	122	1.5	101
59	KML003 04+50S	127.8	3.16	6.05	223.9	137.5	0.10	0.10	2.15	22.0	10.5	159.7	5.32	6.1	125	0.08	9.0	0.72	1765	5.10	0.036	10.6	1327	144.10	0.08	3.92	5.2	1.0	18.5	0.06	1.9	0.015	0.10	0.9	76	0.9	895
60	KML003 04+75S	12.6	3.34	2.64	27.8	137.0	0.12	0.10	0.55	9.9	12.0	78.4	5.66	11.0	100	0.05	5.5	0.45	549	3.34	0.038	12.8	527	25.39	0.06	0.80	2.9	0.4	22.5	0.04	0.7	0.098	<0.02	0.6	152	0.8	56.
61	KML003 05+00S	6.4	0.62	2.43	18.6	99.5	0.12	0.13	0.52	11.9	11.5	36.7	5.67	9.9	150	0.07	4.0	0.54	1052	1.55	0.037	8.4	584	19.13	0.06	0.64	2.2	0.3	21.5	0.04	0.5	0.087	0.04	0.3	116	0.6	89.
62	KML003 05+25S	9.2	1.70	2.21	30.1	69.0	0.12	0.13	0.48	4.6	7.0	31.2	3.61	7.3	155	0.03	6.5	0.18	228	4.09	0.036	3.7	530	21.46	0.06	1.08	1.5	0.5	18.5	0.04	0.4	0.019	<0.02	0.8	78	1.1	40.
63	KML003 05+50S	6.4	0.84	2.20	19.0	114.5	0.10	0.24	0.35	6.3	11.5	41.2	5.77	11.2	120	0.04	4.5	0.40	285	4.82	0.036	6.6	366	22.25	0.04	0.80	1.8	0.3	25.0	0.04	0.3	0.056	<0.02	0.4	150	0.7	54.
64	KML003 05+75S	13.8	1.14	2.78	59.6	125.0	0.08	0.16	0.52	10.1	11.0	39.4	5.73	8.4	115	0.04	4.0	0.56	649	1.82	0.037	7.5	907	39.10	0.06	2.06	2.5	0.4	23.5	0.02	0.5	0.038	0.04	0.4	114	0.9	99.
65	KML003 06+00S	18.6	2.18	3.03	39.5	145.0	0.10	0.23	0.54	13.4	12.0	77.4	5.66	9.2	125	0.08	6.5	0.68	851	2.51	0.039	9.3	908	41.35	0.04	1.70	3.5	0.4	22.0	0.04	0.9	0.064	0.04	0.5	132	1.8	108
66	KML003 06+25S	11.8	1.20	3.90	24.5	112.5	0.06	0.28	0.40	12.0	13.5	134.5	4.66	7.1	90	0.07	6.5	0.87	461	1.00	0.049	10.3	881	20.64	0.04	0.86	4.3	0.5	29.5	0.04	1.4	0.121	0.02	0.4	132	0.8	66.
67	KML003 06+50S	25.4	10.32	4.75	43.9	105.0	0.08	0.12	0.25	9.0	13.0	63.7	6.31	8.8	130	0.04	7.5	0.57	399	5.72	0.036	7.9	734	40.57	0.08	1.54	5.3	0.8	16.0	0.04	1.8	0.066	0.02	0.7	110	1.9	72.
68	KML003 06+75S	30.4	0.76	1.29	27.7	59.0	0.16	0.11	0.17	3.2	8.0	35.5	4.47	11.2	105	0.04	4.0	0.14	264	6.23	0.035	4.9	324	29.07	0.04	1.40	1.6	0.2	18.0	0.04	1.0	0.077	0.02	0.4	170	2.1	33.
69	KML003 07+00S	4.4	0.40	3.27	28.6	118.0	0.16	0.14	0.57	14.5	16.0	42.3	7.01	12.3	80	0.06	5.5	0.68	659	2.99	0.040	11.1	730	24.58	0.04	0.82	3.6	0.3	20.0	0.06	1.5	0.110	0.02	0.4	154	1.3	158
70	KML004 00+00E	6.4	1.26	3.90	21.6	67.5	0.08	0.15	0.31	6.9	8.5	26.8	7.56	9.8	170	0.03	4.5	0.46	709	1.71	0.040	5.1	1801	26.09	0.06	0.50	1.9	1.1	49.0	0.04	1.0	0.051	0.02	0.5	70	0.4	53.
71	KML004 00+25E	123.0	1.58	4.22	3589.0	43.0	0.06	0.04	0.41	95.6	8.5	307.3	10.49	5.4	255	0.02	8.0	0.59	4613	6.99	0.041	36.0	2550	39.46	0.08	6.22	3.7	1.8	3.0	0.10	2.3	0.001	0.06	2.6	34	0.3	181
72	KML004 00+50E	5.6	0.44	1.63	33.8	39.0	0.10	0.04	0.13	6.5	7.5	64.9	5.69	5.4	65	0.02	3.0	0.20	526	1.75	0.033	5.0	1664	11.17	0.06	0.68	1.3	0.6	8.0	0.14	0.7	0.004	<0.02	0.5	50	0.2	32.
73	KML004 00+75E	5.2	0.30	2.91	61.8	73.0	0.08	0.25	0.21	12.5	7.0	25.4	4.02	7.6	50	0.03	5.5	0.50	1096	0.82	0.038	7.9	1224	14.44	0.06	0.46	1.3	0.5	49.0	0.08	0.6	0.015	0.06	0.5	56	0.3	65.
74	KML004 01+00E	86.0	1.96	3.16	90.0	69.5	0.10	0.04	0.36	18.4	5.5	55.1	6.08	7.5	100	0.02	5.0	0.35	1134	2.76	0.035	8.9	1012	54.68	0.04	1.94	1.7	0.5	6.0	0.04	1.6	0.001	0.06	0.5	56	0.2	109.
75	KML004 01+25E	8.0	0.26	3.47	71.2	78.5	0.06	0.24	0.35	34.0	7.5	33.3	6.18	7.2	40	0.03	7.5	0.97	1677	1.02	0.036	13.6	1111	44.46	0.04	1.04	2.4	0.6	13.5	0.04	1.6	0.003	0.02	0.4	50	0.2	128.

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
76	KML004 01+50E	13.2	0.36	3.39	96.5	58.0	0.16	0.06	0.57	56.4	8.5	90.7	7.93	7.8	70	0.02	10.0	0.73	5202	1.87	0.033	17.3	1353	30.10	0.06	0.98	3.7	1.0	8.0	0.12	2.1	0.002	0.04	0.9	60	0.2	128.
77	KML004 01+75E	18.2	0.42	2.18	13.7	147.5	1.14	0.20	0.30	32.3	11.0	58.2	3.30	4.8	65	0.03	11.0	0.42	2234	2.40	0.035	22.6	1208	29.29	0.04	0.60	1.4	0.6	18.5	0.04	1.3	0.001	0.04	0.6	26	<0.1	68.
78	KML004 02+00E	4.4	0.26	2.26	8.4	115.5	0.14	0.14	0.10	4.3	4.0	10.8	2.69	5.3	65	0.02	3.0	0.19	262	1.14	0.038	2.3	1036	5.72	0.06	0.10	0.9	0.4	96.5	0.02	0.7	0.005	<0.02	0.4	40	0.3	19.
79	KML004 02+25E	8.8	4.68	4.22	14.9	125.5	0.20	0.13	0.09	16.4	15.0	54.4	4.29	7.4	60	0.04	4.5	0.54	1112	1.64	0.040	14.9	1388	11.82	0.06	0.38	2.8	0.6	79.5	0.06	1.7	0.012	0.06	0.6	68	1.5	66.
80	KML004 02+50E	8.8	0.14	1.95	12.2	48.5	0.40	0.05	0.07	2.4	6.5	13.8	2.74	7.5	55	0.02	4.0	0.12	132	0.89	0.036	3.9	382	9.98	0.04	0.16	1.1	0.4	36.5	0.06	1.0	0.005	0.04	0.3	42	1.0	15.
81	KML004 02+75E	2.8	0.06	3.31	85.4	162.0	0.08	0.03	0.11	6.7	2.0	8.7	5.17	8.0	70	0.05	3.5	0.26	331	0.65	0.037	0.5	627	6.11	0.04	0.34	2.3	0.5	189.5	0.04	1.8	0.014	0.08	0.4	78	0.9	29.
82	KML004 03+00E	37.4	0.26	2.04	12.2	69.5	0.18	0.07	0.08	2.5	3.0	14.2	1.54	6.1	65	0.03	3.5	0.14	174	0.88	0.039	1.3	1326	6.19	0.08	0.14	0.3	0.6	149.0	0.06	0.4	0.009	0.02	0.5	28	0.3	19.
83	KML004 03+25E	10.6	4.84	5.23	170.0	89.0	0.06	0.08	0.29	5.3	3.0	10.0	4.35	5.9	160	0.02	4.5	0.24	398	0.76	0.037	1.8	780	10.03	0.08	0.62	2.0	0.9	64.0	0.04	1.6	0.049	0.02	0.5	62	0.8	38.
84	KML004 03+50E	9.6	3.16	4.14	53.7	94.0	0.06	0.62	0.42	10.1	1.5	20.0	3.52	8.3	145	0.05	5.0	0.44	2043	1.29	0.042	1.4	1595	26.15	0.10	0.44	1.4	0.6	194.5	0.04	1.1	0.030	<0.02	0.6	54	0.4	66.
85	KML004 03+75E	49.6	0.50	3.53	165.0	136.5	0.18	0.96	0.33	14.2	2.0	26.9	2.78	7.0	60	0.06	6.0	0.46	2001	1.33	0.038	2.8	811	9.08	0.04	0.22	2.4	0.6	180.5	0.08	1.2	0.004	0.04	0.5	42	0.2	43.
86	KML004 04+00E	6.4	0.42	3.96	18.9	53.0	0.12	0.04	0.09	3.9	8.5	16.5	4.99	12.1	85	0.02	6.5	0.24	375	2.08	0.039	3.6	392	9.86	0.06	0.34	2.0	1.0	70.0	0.06	1.4	0.075	0.02	0.6	74	0.7	29.
87	KML004 04+25E	3.0	0.44	1.34	8.2	30.5	0.12	0.05	0.12	0.8	3.5	7.2	2.00	6.5	50	0.02	3.0	0.06	52	0.72	0.034	0.4	733	7.33	0.04	0.08	0.2	0.5	19.5	0.02	0.1	0.009	0.02	0.4	30	<0.1	7.6
88	KML005 00+00E	5.6	0.40	2.48	46.6	31.0	0.18	0.05	0.26	6.1	19.5	16.6	5.18	9.6	435	0.02	5.0	0.21	1358	3.17	0.037	8.8	951	12.89	0.08	0.40	0.7	1.0	8.0	0.06	0.3	0.019	0.04	0.5	60	0.6	33.
89	KML005 00+25E	8.6	0.54	2.93	35.1	28.0	0.30	0.04	0.14	5.0	22.0	16.8	7.29	18.8	325	0.03	8.5	0.15	3358	6.54	0.038	4.4	821	15.44	0.08	0.46	1.4	1.0	6.5	0.10	0.7	0.030	0.04	0.6	86	0.7	40.
90	KML005 00+50E	15.8	1.46	1.98	50.3	36.5	0.24	0.05	0.17	3.1	23.0	13.8	8.32	12.3	265	0.02	5.0	0.26	319	3.28	0.032	9.8	658	15.86	0.06	0.52	1.4	1.0	7.5	0.08	0.5	0.019	<0.02	0.4	106	1.9	29.
91	KML005 00+75E	6.2	0.84	2.44	50.8	33.0	0.24	0.05	0.51	3.2	27.5	18.6	6.27	10.3	500	0.02	6.5	0.15	507	3.89	0.036	9.3	986	18.45	0.08	0.52	1.1	1.3	6.5	0.08	0.6	0.020	<0.02	0.7	58	1.0	38.
92	KML005 01+00E	12.4	0.94	2.83	85.7	38.5	0.26	0.05	0.45	5.7	41.5	26.8	8.17	9.3	335	0.03	6.0	0.40	408	3.66	0.039	17.4	785	23.21	0.06	0.76	1.7	1.4	7.5	0.10	1.2	0.020	<0.02	0.6	64	1.4	51.
93	KML005 01+25E	7.8	0.54	2.23	107.8	26.0	0.32	0.04	0.15	4.1	30.0	24.9	8.81	12.8	225	0.03	6.5	0.25	282	4.28	0.037	11.9	695	17.75	0.08	0.90	2.0	1.0	6.5	0.12	1.2	0.031	<0.02	0.5	92	1.7	41.
94	KML005 01+50E	11.7	2.94	1.66	130.3	17.5	0.42	0.02	0.54	6.2	54.5	71.9	10.25	14.8	340	0.02	4.5	0.09	918	2.93	0.034	14.6	1426	13.96	0.08	1.36	1.0	1.1	4.0	0.12	0.4	0.010	<0.02	0.6	92	1.5	61.
95	KML005 01+75E	19.4	0.48	2.32	109.2	30.0	0.28	0.03	0.11	3.1	24.5	22.3	4.77	8.8	215	0.02	6.0	0.15	185	3.84	0.031	8.8	526	16.09	0.06	0.70	1.9	0.8	6.0	0.14	1.5	0.004	0.02	0.4	60	1.1	37.
96	KML005 02+00E	6.6	0.38	0.96	136.2	23.5	0.36	0.03	0.13	2.5	19.5	17.3	4.68	12.4	145	0.02	6.5	0.03	89	3.93	0.031	8.3	733	14.21	0.06	0.94	0.4	0.6	7.0	0.14	0.2	0.004	<0.02	0.3	112	1.3	25.
97	KML005 02+25E	7.0	0.22	1.68	110.5	22.5	0.32	0.03	0.12	2.8	25.5	15.4	6.57	12.3	140	0.02	6.5	0.07	260	3.08	0.035	7.6	676	15.27	0.06	0.82	0.9	0.6	5.0	0.10	0.3	0.012	<0.02	0.4	88	0.9	26.
98	KML005 02+50E	9.2	0.50	1.39	83.9	24.5	0.40	0.02	0.12	1.9	21.0	14.3	6.77	14.5	275	0.02	4.0	0.09	156	4.73	0.037	7.5	629	12.83	0.06	0.58	0.6	0.7	6.0	0.14	0.3	0.022	<0.02	0.3	100	1.5	17.
99	KML005 02+75E	18.2	0.48	1.23	143.2	27.5	0.54	0.03	0.08	3.2	35.5	19.0	6.87	14.1	205	0.02	6.0	0.13	247	3.83	0.032	15.9	847	12.43	0.06	0.88	0.7	0.9	6.5	0.18	0.2	0.009	0.02	0.4	128	1.7	27.
100	KML005 03+00E	7.0	0.34	2.20	119.8	37.5	0.22	0.03	0.43	22.7	61.0	52.8	5.50	5.6	135	0.02	6.5	0.43	733	3.05	0.033	44.0	684	26.89	0.04	1.32	3.0	0.9	4.5	0.10	1.4	0.002	0.02	0.4	46	0.9	99.
101	KML005 03+25E	17.0	0.38	4.00	181.2	72.0	0.24	0.05	0.32	7.6	39.0	28.3	4.97	5.1	235	0.02	5.0	0.40	352	1.28	0.033	28.3	755	20.87	0.06	0.72	2.5	1.2	7.0	0.12	1.7	0.011	0.02	0.3	46	2.0	65.
102	KML005 03+50E	9.8	0.36	2.19	149.5	42.5	0.24	0.03	0.22	5.5	42.0	28.1	7.16	7.8	145	0.03	7.0	0.26	326	2.95	0.035	18.9	726	19.48	0.06	0.86	1.5	1.1	7.0	0.12	0.9	0.016	0.02	0.4	58	1.2	44.
103	KML005 03+75E	8.0	0.08	0.40	40.7	10.0	0.12	0.01	0.11	1.6	7.0	13.3	0.96	6.5	25	0.01	10.5	0.01	48	0.80	0.030	2.7	229	4.41	<0.02	0.54	0.3	0.3	4.5	0.06	0.2	0.001	<0.02	0.2	40	0.2	11.
104	KML005 04+00E	13.2	0.36	2.56	139.2	46.0	0.20	0.03	0.29	9.4	32.0	34.3	4.40	5.5	135	0.03	5.0	0.35	531	0.99	0.031	25.4	913	15.59	0.06	0.78	1.9	0.8	5.5	0.06	0.9	0.008	<0.02	0.3	42	0.6	60.
105	KML005 04+25E	11.2	0.26	2.46	174.7	68.0	0.32	0.03	0.30	14.4	41.0	34.9	6.51	8.5	140	0.03	9.5	0.31	957	2.48	0.032	27.2	730	35.61	0.04	1.18	2.6	0.9	5.5	0.08	1.9	0.003	0.04	0.5	66	1.2	56.
106	KML005 04+50E	10.2	0.40	1.75	127.0	29.0	0.36	0.02	0.28	9.7	35.5	33.9	4.46	5.4	140	0.02	7.0	0.25	412	2.18	0.030	29.1	619	23.13	0.06	1.08	1.6	0.8	3.0	0.10	2.0	0.003	0.06	0.4	38	1.0	44.
107	KML005 04+75E	19.6	0.24	2.71	165.6	38.5	0.50	0.03	0.29	10.0	61.5	62.0	9.35	9.6	255	0.03	9.0	0.44	664	2.75	0.036	31.6	642	26.46	0.08	1.52	3.4	1.3	4.5	0.14	2.7	0.008	0.08	0.4	68	1.3	81.
108	KML005 05+00E	N/S																																			
109	KML005 05+25E	24.2	0.60	1.86	209.0	29.0	0.46	0.02	0.28	7.2	37.0	84.7	8.06	11.2	300	0.03	4.5	0.22	768	2.64	0.036	20.8	1632	21.44	0.08	1.50	2.4	1.3	4.5	0.24	1.4	0.006	0.06	0.6	74	1.2	59.
110	KML005 05+50E	86.4	0.64	2.16	146.5	50.5	0.26	0.08	0.37	12.8	21.5	34.6	3.22	4.4	110	0.02	5.5	0.49	546	0.85	0.035	28.3	912	27.73	0.06	1.26	1.9	0.6	9.5	0.14	1.2	0.009	0.06	0.4	42	1.1	68.
111	KML005 05+75E	199.8	0.76	1.34	1156.0	42.5	0.74	0.03	0.32	8.3	20.0	49.7	4.70	5.8	70	0.02	4.5	0.28	642	1.38	0.031	18.9	2075	54.54	0.06	2.04	1.0	0.9	6.0	0.56	0.7	0.006	0.08	0.3	46	0.9	72.
112	KML005 06+00E	256.8	1.56	3.04	231.1	31.5	0.28	0.09	0.44	11.4	27.5	41.4	3.80	4.7	115	0.02	6.0	0.44	417	1.08	0.034	30.3	1196	44.49	0.08	1.36	2.0	1.0	10.5	0.22	1.3	0.014	0.06	0.4	42	1.1	75.
113	KML006 00+00E	9.8	0.60	2.36	53.1	23.0	0.26	0.02	0.20	3.5	18.5	13.6	5.78	10.6	410	0.02	4.5	0.15	435	2.77	0.034	7.5	671	17.91	0.08	0.64	1.2	1.1	4.0	0.08	0.6	0.024	0.04	0.5	64	1.2	35.
114	KML006 00+25E	11.0	0.42	2.92	63.1	22.5	0.34	0.02	0.16	3.3	33.0	18.3	9.12	14.3	280	0.02	5.5	0.19	320	3.35	0.033	7.3	526	21.04	0.08	0.80	1.9	1.3	3.5	0.12	1.8	0.017	0.04	0.5	70	1.6	44.
115	KML006 00+50E	8.6	0.72	2.06	74.7	28.0	0.30	0.02	0.23	3.7	25.0	26.7	6.85	11.1	260	0.02	4.0	0.27	210	3.09	0.029	11.1	539	17.88	0.06	0.84	1.5	1.1	5.0	0.14	1.2	0.024	0.04	0.4	68	1.5	45.
116	KML006 00+75E	9.6	0.66	2.93	60.9	27.0	0.24	0.02	0.21	3.6	23.5	21.7	4.93	9.4	305	0.02	5.0	0.22	186	2.55	0.031	10.3	600	13.90	0.08	0.70	2.0	1.2	4.5	0.10	1.4	0.012	0.04	0.5	60	1.4	42.
117	KML006 01+00E	9.8	0.54	3.44	56.0	23.0	0.28	0.03	0.21	6.1	56.5	36.8	9.29	15.0	345	0.02	7.0	0.30	774	3.24	0.036	15.1	801	13.42	0.08	0.66	2.1	1.8	3.0	0.08	1.0	0.036	0.04	0.7	56	1.0	73.
118	KML006 01+25E	4.8	0.34	2.12	59.2	21.5	0.26	0.02	0.12	3.5	32.0	13.8	9.86	14.8	230	0.02	4.0	0.11	722	2.44	0.031	5.8	735	17.10	0.08	0.54	1.2	1.2	4.0	0.12	0.9	0.069	0.02	0.4	74	1.0	27.
119	KML006 01+50E	8.8	0.50	1.42	83.5	20.5	0.38	0.02	0.16	4.5	21.0	22.2	7.02	18.1	245	0.02	6.5	0.11	469	3.77	0.032	10.0	793	13.74	0.06	1.14	0.8	0.7	5.5	0.14	0.5	0.039	0.04	0.4	114	1.5	45.
120	KML006 01+75E	6.4	0.82	1.48	51.0	24.5	0.26	0.02	0.27	3.1	13.5	17.4	5.34	14.8	185	0.02	5.5	0.11	178	2.91	0.032	7.9	489	10.86	0.06	0.88	0.8	0.7	5.0	0.10	0.3	0.021	0.02	0.3	84	1.0	35.

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
121	KML006 02+00E	7.2	0.40	1.00	62.2	17.5	0.34	0.03	0.10	2.3	15.5	15.2	4.18	12.4	180	0.02	6.0	0.10	119	3.68	0.031	6.4	512	11.50	0.06	0.78	0.7	0.6	5.0	0.14	0.4	0.015	0.04	0.3	82	1.4	26.0
122	KML 34+00N 00+00E	16.8	0.58	2.31	6.9	52.5	0.64	0.05	0.22	6.3	19.0	23.5	3.65	8.4	80	0.03	4.5	0.22	230	1.58	0.032	11.7	1345	13.57	0.04	0.34	2.5	0.2	6.5	0.16	1.6	0.048	0.08	0.4	68	0.5	86.3
123	KML 34+00N 00+25E	49.8	0.34	5.02	10.2	83.0	0.42	0.05	0.32	9.5	34.0	18.6	5.21	10.9	145	0.03	5.0	0.30	269	2.37	0.036	20.7	1804	16.73	0.04	0.38	3.6	0.7	7.5	0.08	2.6	0.046	0.08	0.5	78	0.5	142.8
124	KML 34+00N 00+50E	4.8	0.18	5.57	11.9	57.0	0.24	0.05	0.57	6.8	39.5	18.9	6.21	13.2	170	0.02	5.0	0.20	191	4.09	0.035	19.9	1438	15.53	0.06	0.42	3.2	0.5	7.0	0.10	2.7	0.046	0.06	0.5	96	0.5	161.9
125	KML 34+00N 00+75E	3.6	0.18	6.28	25.9	75.5	0.18	0.05	0.76	10.6	38.5	17.5	4.76	9.4	120	0.03	4.5	0.27	318	22.39	0.035	28.7	1677	12.71	0.06	0.76	3.9	0.5	6.5	0.06	2.5	0.047	0.06	0.4	64	0.5	199.0
126	KML 34+00N 01+00E	993.8	0.66	2.93	1443.0	58.5	0.42	0.05	0.45	14.2	14.0	201.9	7.94	5.0	160	0.03	5.0	0.20	896	87.06	0.036	10.2	2171	21.21	0.08	9.68	2.8	0.8	6.0	0.40	2.0	0.002	0.10	0.5	40	0.4	124.8
127	KML 34+00N 01+25E	5.8	0.16	2.76	5.5	79.5	0.18	0.07	0.37	6.3	26.5	14.4	4.00	9.1	65	0.03	5.0	0.20	184	10.74	0.036	16.6	715	9.36	0.04	0.24	2.1	0.3	7.5	0.06	1.5	0.030	0.08	0.3	70	0.4	128.6
128	KML 34+00N 01+50E	12.0	0.50	3.01	13.2	82.0	1.74	0.06	0.50	8.4	26.5	21.6	3.70	8.4	65	0.03	5.0	0.35	259	2.22	0.033	24.4	1247	22.67	0.04	0.84	2.7	0.3	7.0	0.14	1.7	0.037	0.08	0.4	58	0.4	149.4
129	KML 34+00N 01+75E	38.4	0.28	2.95	19.1	53.5	0.66	0.06	0.34	7.0	23.0	42.8	3.94	7.9	35	0.03	4.0	0.28	280	16.95	0.033	19.8	1006	12.77	0.04	0.94	2.1	0.3	6.5	0.26	1.7	0.019	0.08	0.4	56	0.7	88.3
130	KML 34+00N 02+00E	61.2	0.28	1.66	7.2	68.5	0.34	0.04	0.17	4.6	10.5	39.3	2.38	5.2	40	0.03	5.0	0.18	246	13.50	0.031	11.0	437	8.94	0.02	1.46	1.5	0.3	5.5	0.10	1.3	0.008	0.06	0.4	36	0.3	50.0
131	KML 34+00N 02+25E	73.0	0.50	1.47	6.0	71.5	0.30	0.06	0.24	3.8	13.0	24.3	3.44	9.2	45	0.02	3.5	0.13	181	15.54	0.032	4.4	1170	7.53	0.02	0.88	1.2	0.2	8.5	0.08	1.3	0.063	0.06	0.2	64	0.4	42.4
132	KML 34+00N 02+50E	7.0	0.24	3.72	12.0	65.0	0.16	0.08	0.47	8.5	22.5	16.9	3.56	7.1	130	0.02	4.5	0.29	432	4.68	0.035	16.9	1437	12.70	0.04	0.26	2.4	0.4	8.0	0.06	1.8	0.029	0.06	0.3	58	0.3	102.3
133	KML 34+00N 02+75E	14.8	0.36	3.65	23.8	66.0	0.44	0.06	0.74	8.5	20.0	19.2	4.31	8.7	95	0.03	4.0	0.20	272	5.39	0.034	15.1	1978	14.55	0.04	0.50	2.6	0.4	8.0	0.20	1.7	0.048	0.06	0.3	62	0.4	175.5
134	KML 34+00N 03+00E	8.8	0.52	3.31	9.3	58.5	0.18	0.21	1.59	7.2	23.0	13.8	3.88	6.7	55	0.03	4.0	0.34	253	4.19	0.037	22.2	534	10.20	0.06	0.30	2.1	0.4	22.5	0.06	1.5	0.047	0.04	0.2	56	0.4	155.7
135	KML 34+00N 03+25E	5.6	0.28	2.10	11.3	103.0	0.36	0.32	1.98	8.9	23.0	20.6	4.53	10.8	75	0.02	13.5	0.27	1089	11.32	0.034	18.3	507	12.18	0.08	0.56	2.1	1.7	46.0	0.08	0.6	0.033	0.06	1.1	68	0.4	113.3
136	KML 34+00N 03+50E	8.2	0.74	3.59	5.5	206.0	0.46	0.40	1.64	12.3	42.0	44.2	2.38	11.5	115	0.03	22.0	0.51	890	6.18	0.041	50.0	780	19.25	0.12	0.54	4.1	2.0	62.5	0.06	0.9	0.080	0.18	2.2	58	0.2	197.9
137	KML 34+00N 03+75E	3.4	0.20	2.73	6.7	115.5	0.20	0.13	0.41	5.1	21.0	11.3	4.16	8.6	65	0.02	4.0	0.14	98	1.84	0.034	10.1	310	12.30	0.04	0.30	2.0	0.3	25.5	0.10	1.2	0.021	0.04	0.3	72	0.4	174.6
138	KML 34+00N 04+00E	3.2	0.16	1.65	2.9	92.0	0.22	0.23	0.19	5.7	16.0	15.5	1.95	9.3	30	0.02	9.0	0.26	124	0.95	0.034	13.7	234	15.76	0.04	0.24	1.4	0.7	28.0	<0.02	0.5	0.030	0.06	0.4	42	0.3	50.8
139	KML 34+00N 04+25E	3.4	0.24	3.52	9.5	88.0	0.22	0.06	0.33	9.5	31.0	17.9	4.38	8.9	115	0.03	6.0	0.26	212	1.36	0.033	25.9	843	14.51	0.06	0.34	2.3	0.7	8.0	0.06	1.9	0.031	0.06	0.3	64	0.4	129.6
140	KML 34+00N 04+50E	4.4	0.14	3.13	8.1	87.0	0.24	0.06	0.24	10.5	28.0	24.0	3.48	8.0	75	0.03	8.0	0.32	402	1.31	0.035	30.7	1210	13.02	0.04	0.38	2.6	0.6	7.5	0.12	1.9	0.020	0.06	0.4	56	0.4	103.6
141	KML 34+00N 04+75E	10.2	0.14	3.48	10.3	89.0	0.24	0.07	0.26	11.6	34.0	28.1	4.26	8.9	100	0.03	8.0	0.33	292	1.33	0.033	33.3	936	16.55	0.04	0.44	2.8	0.5	8.0	0.08	2.4	0.015	0.08	0.4	64	0.4	124.4
142	KML 34+00N 05+00E	8.4	0.30	4.29	13.1	96.5	0.26	0.09	0.42	13.3	46.5	27.7	5.21	9.3	65	0.03	6.0	0.40	296	1.66	0.033	43.9	1046	17.61	0.04	0.76	3.0	0.7	9.0	0.10	2.7	0.031	0.08	0.4	72	0.4	196.3
143	KML 34+00N 05+25E	4.8	0.10	3.25	13.2	146.0	0.34	0.20	0.27	14.8	36.5	24.4	4.80	12.2	35	0.03	8.5	0.44	413	1.81	0.036	35.8	833	16.12	0.04	0.56	2.9	0.6	23.5	0.10	1.8	0.043	0.08	0.4	76	0.5	156.0
144	KML 34+00N 05+50E	5.6	0.22	3.29	10.9	153.0	0.24	0.15	0.32	21.7	51.0	37.2	4.80	10.8	35	0.04	11.0	0.60	335	1.76	0.035	89.1	872	17.10	0.04	0.72	3.5	0.6	30.5	0.10	2.1	0.076	0.08	0.5	70	0.3	230.1
145	KML 34+00N 05+75E	3.0	0.12	2.32	7.4	183.0	0.42	0.24	0.52	15.9	32.5	17.2	5.23	12.4	35	0.04	8.0	0.29	435	2.58	0.036	29.2	1813	27.90	0.04	0.92	2.1	0.4	107.5	0.10	1.5	0.039	0.08	0.3	66	0.4	271.7
146	KML 34+00N 06+00E	3.4	0.20	2.39	10.1	88.5	0.24	0.09	0.35	10.4	28.0	18.1	4.08	9.1	65	0.03	6.5	0.25	364	1.36	0.035	24.4	1946	16.26	0.04	0.42	1.9	0.3	21.0	0.08	1.8	0.032	0.08	0.3	62	0.4	188.8
147	KML 34+00N 00+25W	122.8	0.38	3.98	12.8	84.5	0.64	0.10	0.29	7.4	27.5	21.5	4.59	9.6	55	0.05	6.0	0.37	309	1.90	0.039	22.9	1237	20.14	0.04	0.58	2.3	0.3	9.5	0.16	2.3	0.031	0.08	0.5	68	0.7	86.9
148	KML 34+00N 00+50W	5.2	0.30	4.49	7.9	69.0	0.32	0.08	0.28	4.9	24.0	13.5	6.88	15.2	115	0.03	5.0	0.21	224	1.51	0.035	10.6	1922	16.29	0.08	0.76	2.8	0.4	8.5	0.08	3.3	0.017	0.06	0.7	106	0.5	106.6
149	KML 34+00N 00+75W	6.4	0.22	3.74	12.6	71.5	0.26	0.11	0.17	6.2	32.5	15.5	5.93	11.3	180	0.04	5.0	0.20	226	2.67	0.034	17.9	1296	12.42	0.04	0.50	2.3	0.5	13.0	0.08	1.9	0.010	0.06	0.3	80	0.5	74.4
150	KML 34+00N 01+00W	124.8	0.32	3.14	30.7	111.5	1.34	0.10	0.41	14.1	19.0	53.8	7.61	10.8	50	0.04	5.0	0.19	366	7.48	0.035	18.0	2327	18.44	0.06	8.78	3.3	0.4	13.5	0.56	2.5	0.025	0.08	0.9	76	0.8	227.7
151	KML 34+00N 01+25W	13.2	0.26	0.71	37.4	157.0	0.72	0.28	0.53	24.0	12.5	20.4	4.83	4.9	40	0.04	6.5	0.06	2862	20.32	0.032	34.3	630	18.16	0.06	4.18	1.2	0.3	42.5	0.24	0.5	0.006	0.10	0.4	66	0.9	83.0
152	KML 34+00N 01+50W	3.6	0.28	2.35	6.7	98.0	0.20	0.18	0.36	4.9	20.5	11.9	4.37	9.6	70	0.03	5.0	0.18	162	1.81	0.035	11.7	1330	11.85	0.04	0.36	1.7	0.3	24.5	0.06	1.1	0.022	0.04	0.3	68	0.5	177.3
153	KML 34+00N 01+75W	4.2	0.18	3.38	6.6	45.0	0.16	0.07	0.17	4.9	21.5	13.8	4.16	9.6	150	0.02	4.0	0.22	197	1.45	0.036	12.3	1949	9.75	0.04	0.28	2.0	0.4	8.0	0.08	1.9	0.060	0.06	0.4	72	0.4	78.6
154	KML 34+00N 02+00W	5.2	0.18	6.02	6.6	59.0	0.22	0.10	0.32	8.5	29.0	11.6	6.20	16.4	165	0.03	5.0	0.15	198	11.84	0.037	13.6	2174	14.95	0.06	0.40	2.7	0.5	13.0	0.10	4.2	0.120	0.06	0.8	108	0.7	111.9
155	KML 34+50N 00+00E	41.6	0.30	3.17	8.6	93.5	0.32	0.12	0.16	4.8	22.0	10.1	4.61	12.1	80	0.04	6.5	0.19	241	3.99	0.036	11.0	1247	10.96	0.04	0.42	1.8	0.3	15.0	0.06	1.8	0.043	0.08	0.4	78	0.5	60.5
156	KML 34+50N 00+25E	193.6	0.18	2.47	13.0	126.0	1.00	0.11	0.11	10.6	19.5	36.1	3.09	5.7	30	0.05	10.5	0.44	309	1.33	0.037	25.6	625	17.19	0.04	0.44	3.3	0.6	14.0	0.14	2.7	0.031	0.08	1.0	52	1.0	55.0
157	KML 34+50N 00+50E	13.4	0.18	1.64	6.0	84.5	0.32	0.20	0.21	3.3	15.0	8.5	3.59	9.0	65	0.03	5.0	0.14	252	2.12	0.034	7.8	647	10.87	0.04	0.38	1.2	0.2	24.5	0.08	1.3	0.032	0.04	0.2	66	0.5	51.9
158	KML 34+50N 00+75E	3.6	0.28	3.51	7.8	80.5	0.20	0.16	0.56	6.0	26.5	15.3	4.90	10.7	125	0.04	4.5	0.28	201	6.32	0.034	17.8	649	9.79	0.06	0.34	2.8	0.4	18.5	0.08	1.6	0.035	0.06	0.3	88	2.4	102.0
159	KML 34+50N 01+00E	10.6	0.20	2.67	6.6	64.5	0.22	0.07	0.31	8.5	22.5	12.4	4.82	11.2	95	0.03	5.5	0.17	286	7.46	0.031	11.4	1283	14.04	0.04	0.34	1.9	0.3	8.5	0.08	1.7	0.018	0.06	0.4	72	0.5	103.8
160	KML 34+50N 01+25E	11.2	0.26	2.19	29.8	48.0	0.50	0.10	0.23	5.6	21.0	38.3	4.36	8.6	45	0.03	5.5	0.35	285	5.64	0.035	16.1	1527	14.35	0.04	1.22	2.4	0.3	10.0	0.18	2.0	0.026	0.08	0.5	68	0.6	78.2
161	KML 34+50N 01+50E	3.8	0.52	1.80	5.9	46.5	0.26	0.08	0.25	3.3	18.0	9.0	3.61	9.3	95	0.02	7.0	0.15	259	2.23	0.033	8.4	1208	10.22	0.04	0.36	1.5	0.2	8.5	0.06	1.5	0.009	0.06	0.2	66	0.4	54.1
162	KML 34+50N 01+75E	5.2	0.28	1.61	5.4	35.0	0.48	0.04	0.22	3.0	16.5	14.0	3.34	10.0	35	0.03	5.5	0.14	268	3.98	0.033	7.8	746	14.50	0.04	0.40	1.3	0.2	4.5	0.10	1.5	0.026	0.08	0.3	68	0.5	51.5
163	KML 34+50N 02+00E	4.0	0.74	3.65	10.1	54.5	0.28	0.06	0.67	11.3	30.0	29.3	4.08	7.7	100	0.03	4.0	0.35	654	3.18	0.037	25.2	2279	15.58	0.04	0.38	2.6	0.3	7.0	0.10	1.8	0.031	0.08	0.3	62	0.4	127.1
164	KML 34+50N 02+25E	4.0	0.32	2.91	9.6	69.0	0.20	0.07	0.64	8.1	26.5	28.3	3.53	7.4	70	0.03	5.5	0.39	287	2.31	0.035	27.7	616	19.00	0.04	0.40	3.0	0.3	8.5	0.08	2.1	0.032	0.06	0.4	60	0.4	111.4
165	KML 34+50N 02+50E	10.6	0.22	3.25	12.2	82.0	0.28	0.08	0.55	13.2	27.5	47.9	3.77	7.1	80	0.03	6.0	0.50	391	4.38	0.036	45.2	602	14.62	0.06	0.44	4.3	0.4	9.5	0.08	2.8	0.071	0.06	0.9	64	0.5	143.5

		Au	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Tl	Tl	U	V	W	Zn
Et #.	Tag #	ppb	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
166	KML 34+50N 02+75E	20.8	0.16	3.16	8.5	41.5	0.26	0.10	0.35	4.5	25.0	15.5	5.07	10.6	100	0.02	4.0	0.15	157	10.11	0.034	11.3	1340	12.86	0.04	0.34	1.5	0.3	14.0	0.10	2.3	0.035	0.04	0.4	72	0.6	106.
167	KML 34+50N 03+00E	7.8	0.46	1.98	10.0	47.0	0.22	0.06	0.47	4.3	18.5	11.2	3.27	7.1	75	0.02	4.5	0.20	229	3.14	0.034	9.9	775	12.41	0.04	0.26	1.7	0.2	8.0	0.08	1.4	0.021	0.06	0.2	64	0.4	72.
168	KML 34+50N 03+25E	6.8	0.38	2.67	35.9	57.0	0.28	0.08	0.69	6.0	22.0	20.1	4.16	8.4	75	0.02	4.5	0.26	209	7.13	0.033	16.4	852	12.74	0.04	0.50	2.3	0.3	9.5	0.10	1.6	0.023	0.04	0.3	66	0.4	134.
169	KML 34+50N 03+50E	9.4	0.36	1.96	25.2	75.0	0.26	0.23	1.23	8.8	21.0	17.9	3.38	7.1	65	0.03	6.0	0.32	423	11.77	0.036	21.0	531	12.55	0.06	0.66	2.0	0.5	25.5	0.06	1.1	0.036	0.04	0.4	60	0.5	132.
170	KML 34+50N 03+75E	10.4	0.38	1.83	9.2	154.0	0.26	0.58	2.31	9.2	17.5	20.2	2.36	5.0	75	0.03	9.5	0.34	2587	5.04	0.035	25.6	694	11.46	0.10	0.36	1.6	1.1	75.5	0.08	0.5	0.023	0.08	0.7	40	0.2	137.
171	KML 34+50N 04+00E	16.4	0.22	4.28	8.8	62.0	0.18	0.07	0.50	6.3	26.5	13.4	4.29	8.4	115	0.03	4.5	0.26	225	1.03	0.035	18.4	2097	13.00	0.06	0.22	2.9	0.4	10.5	0.06	2.2	0.042	0.04	0.4	64	0.4	118.
172	KML 34+50N 04+25E	9.4	0.16	2.91	9.7	58.0	0.22	0.10	0.18	4.6	26.5	17.3	4.50	8.7	150	0.02	5.5	0.18	190	1.21	0.037	14.1	1957	13.52	0.04	0.28	2.0	0.5	13.0	0.10	2.1	0.032	0.06	0.3	70	0.5	61.
173	KML 34+50N 04+50E	4.2	0.20	3.33	30.5	80.0	0.20	0.05	0.20	5.7	25.5	13.5	4.67	11.1	120	0.02	5.5	0.15	113	2.27	0.039	10.1	608	11.64	0.06	0.26	2.8	0.8	7.5	0.06	2.1	0.029	0.04	0.4	82	0.5	89.
174	KML 34+50N 04+75E	7.4	0.22	3.36	9.3	47.5	0.20	0.06	0.14	4.7	29.0	13.6	4.09	7.6	140	0.03	6.0	0.22	199	1.11	0.035	16.7	1567	12.01	0.06	0.24	2.2	0.6	7.0	0.06	2.2	0.007	0.06	0.3	58	0.3	69.
175	KML 34+50N 05+00E	3.6	0.22	2.90	7.8	68.0	0.22	0.13	0.27	6.5	27.5	13.4	3.55	7.4	80	0.03	6.5	0.20	230	0.90	0.033	17.6	1440	11.51	0.04	0.24	1.9	0.3	14.5	0.04	2.2	0.012	0.06	0.3	58	0.5	118
176	KML 34+50N 05+25E	13.8	0.40	3.02	11.3	109.0	0.34	0.18	0.39	11.3	33.0	22.1	5.48	11.1	70	0.03	7.0	0.32	277	2.61	0.038	37.1	952	20.76	0.04	0.58	2.3	0.8	23.5	0.08	1.7	0.031	0.06	0.4	78	0.4	197
177	KML 34+50N 05+50E	4.4	0.12	1.51	5.4	68.5	0.24	0.10	0.19	2.7	19.0	10.6	3.85	10.3	50	0.02	7.5	0.08	92	2.44	0.031	6.6	365	12.60	0.04	0.28	1.1	0.3	15.5	0.10	1.0	0.024	0.04	0.4	70	0.3	46.
178	KML 34+50N 05+75E	9.4	0.24	2.70	8.2	100.5	0.18	0.11	0.29	7.3	28.0	13.8	3.62	7.7	50	0.03	6.0	0.25	138	1.54	0.036	22.0	575	10.63	0.04	0.34	1.6	0.3	28.0	0.08	1.5	0.019	0.06	0.2	62	0.3	73.
179	KML 34+50N 06+00E	6.2	0.32	3.83	14.2	62.0	0.22	0.04	0.23	10.7	33.5	32.7	4.24	8.6	80	0.03	4.0	0.31	428	1.29	0.035	29.1	2255	15.50	0.06	0.66	2.9	0.3	5.5	0.08	2.6	0.051	0.08	0.5	64	0.4	131
180	KML 34+50N 06+25E	4.0	0.14	3.19	8.9	68.0	0.20	0.08	0.19	9.8	30.5	23.3	3.76	7.9	145	0.03	5.5	0.32	354	0.92	0.036	25.7	1016	13.82	0.04	0.40	2.3	0.4	7.0	0.08	2.2	0.032	0.08	0.4	60	0.4	97.
181	KML 34+50N 00+25W	7.6	0.22	2.60	8.6	60.5	0.22	0.06	0.17	5.2	21.0	14.3	3.59	8.5	130	0.03	6.0	0.20	439	1.34	0.037	12.9	946	10.31	0.04	0.40	2.1	0.4	7.0	0.06	1.6	0.015	0.08	0.4	64	0.4	67.
182	KML 34+50N 00+50W	12.4	0.28	2.38	6.7	429.0	0.20	0.16	0.33	7.0	19.5	13.1	3.96	8.1	85	0.05	6.0	0.24	738	1.24	0.033	15.3	964	10.46	0.06	0.36	2.1	0.4	20.0	0.06	1.3	0.020	0.06	0.5	64	0.4	84.
183	KML 34+50N 00+75W	2.6	0.12	3.33	6.6	214.0	0.30	0.22	0.25	19.6	28.0	23.9	4.49	11.9	55	0.06	10.0	0.50	1294	2.40	0.039	37.0	829	12.57	0.06	0.46	3.0	0.5	28.0	0.08	1.4	0.054	0.12	0.6	74	0.5	140
184	KML 34+50N 01+00W	559.6	0.48	2.31	12.3	136.0	0.78	0.24	0.46	12.9	16.0	55.1	8.18	8.9	60	0.05	6.0	0.22	723	2.86	0.034	12.0	1646	22.01	0.06	1.68	2.5	0.4	24.0	0.28	1.9	0.025	0.06	1.1	80	0.9	185
185	KML 34+50N 01+25W	13.2	0.18	1.06	3.0	135.5	0.86	0.27	0.28	12.9	5.0	6.1	2.30	5.3	35	0.04	9.0	0.09	1443	2.33	0.035	2.8	518	20.10	0.06	0.32	0.8	0.2	40.0	0.06	0.7	0.003	0.08	0.4	36	0.5	42.
186	KML 34+50N 01+50W	15.2	0.16	3.58	7.1	69.0	0.44	0.11	0.29	6.9	24.0	16.7	4.29	9.5	95	0.03	5.0	0.23	441	1.20	0.034	16.7	1148	14.95	0.04	0.28	2.3	0.3	13.5	0.08	2.3	0.047	0.04	0.5	66	0.5	104
187	KML 34+50N 01+75W	3.6	0.14	2.59	6.6	46.5	0.16	0.07	0.11	5.6	18.5	15.4	3.24	8.1	90	0.03	4.5	0.24	628	0.88	0.035	11.9	1814	8.35	0.04	0.22	2.2	0.3	8.0	0.06	2.2	0.042	0.06	0.5	60	0.4	61.
188	KML 34+50N 02+00W	3.6	0.24	3.49	6.2	48.5	0.20	0.05	0.15	4.5	27.5	13.4	4.56	12.1	165	0.03	4.5	0.20	248	1.22	0.036	10.6	1599	10.03	0.04	0.28	2.4	0.3	6.0	0.06	2.2	0.054	0.08	0.5	82	0.5	82.

QC DATA:

Repeat:

		Au	Ag	Al	As	Ba	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	Se	Sr	Te	Th	Tl	Tl	U	V	W	Zn
1	KML001 00+00S	15.0	0.54	2.48	55.7	154.5	0.06	0.27	0.31	18.6	4.5	107.4	5.07	8.0	80	0.05	6.5	0.71	1878	0.69	0.045	5.3	1079	13.06	0.10	0.94	2.7	0.3	55.5	0.10	0.5	0.050	0.14	0.8	104	0.8	64.
7	KML001 01+50S	2211.0																																			
9	KML001 02+00S	85.6																																			
10	KML001 02+25S	29.2	1.18	3.98	40.3	205.5	0.08	0.24	0.41	20.1	8.0	221.4	5.45	8.5	130	0.20	8.0	1.24	734	0.69	0.038	11.6	853	27.58	0.10	1.72	5.9	0.6	182.5	0.08	1.4	0.210	0.18	0.9	182	0.5	95.
19	KML002 01+25E	9.8	0.54	2.47	52.8	79.5	0.36	0.17	0.19	18.9	15.0	63.1	4.57	6.4	215	0.06	6.5	0.71	1769	1.62	0.037	22.0	1957	28.81	0.16	2.06	2.0	1.4	50.0	0.10	0.3	0.016	0.10	0.6	68	0.5	102
28	KML002 01+00W	9.2	0.84	2.35	49.7	31.0	0.54	0.26	0.62	6.3	15.5	20.7	6.34	30.5	75	0.03	20.0	0.42	563	6.02	0.031	9.6	691	24.43	0.10	1.02	1.2	1.9	16.5	0.04	0.4	0.031	0.06	1.2	60	0.5	61.
36	KML002 03+00W	7.0	0.18	2.37	31.4	21.5	0.26	0.03	0.04	7.5	14.5	15.0	4.55	13.0	35	0.03	8.0	0.80	387	1.79	0.035	11.3	576	12.20	0.04	0.42	0.9	0.7	6.0	0.06	0.2	0.006	0.02	0.4	60	0.2	60.
45	KML003 01+00S	38.2	0.44	4.12	81.5	88.0	0.10	0.05	0.25	10.5	10.5	49.0	6.58	9.1	110	0.04	3.5	0.80	554	1.13	0.039	7.2	680	60.64	0.06	2.42	3.9	0.4	14.0	0.06	2.3	0.016	0.06	0.5	90	2.1	124
54	KML003 03+25S	16.4	1.20	4.08	31.5	65.5	0.22	0.07	0.36	7.9	8.5	35.6	5.69	15.3	205	0.04	13.5	0.22	1498	2.65	0.039	3.4	2370	26.33	0.06	1.14	2.3	0.8	11.0	0.04	1.7	0.058	0.02	0.9	72	1.7	77.
59	KML003 04+50S	119.6																																			
63	KML003 05+50S	5.2	0.96	2.28	19.7	120.5	0.10	0.25	0.40	6.5	12.5	42.8	6.02	11.8	125	0.04	4.5	0.42	303	5.00	0.039	6.8	364	23.83	0.06	0.88	1.9	0.3	27.0	<0.02	0.3	0.057	<0.02	0.4	160	0.8	57.
71	KML004 00+25E	115.6	1.70	4.51	3598.0	45.0	0.06	0.04	0.42	97.9	9.5	324.4	10.90	5.7	275	0.02	8.5	0.64	4700	7.49	0.036	37.7	2700	39.12	0.08	6.56	3.8	1.9	3.5	0.16	2.3	0.002	0.04	2.6	38	0.4	186
74	KML004 01+00E	77.3																																			
80	KML004 02+50E	4.8	0.16	1.99	12.5	49.0	0.40	0.04	0.08	2.4	6.5	14.0	2.81	7.8	60	0.02	4.0	0.12	131	0.93	0.036	4.0	399	10.13	0.04	0.16	1.0	0.4	37.5	0.06	0.8	0.006	0.04	0.4	42	1.1	16.
89	KML005 00+25E	12.8	0.70	2.70	34.6	27.0	0.30	0.03	0.15	4.6	20.5	15.6	6.82	17.6	325	0.02	8.5	0.14	3241	6.28	0.034	4.1	786	15.14	0.06	0.48	1.1	1.1	5.5	0.08	0.4	0.039	0.04	0.6	80	1.0	36.
98	KML005 02+50E	13.6	0.78	1.78	110.9	32.0	0.50	0.03	0.16	2.4	27.5	18.1	7.18	16.8	305	0.02	5.5	0.11	201	5.26	0.036	10.2	735	13.73	0.08	0.74	0.9	1.0	8.0	0.18	0.4	0.034	<0.02	0.4	132	2.1	22.
107	KML005 04+75E	19.6	0.40	2.60	159.3	37.0	0.40	0.02	0.28	9.5	60.0	60.1	8.98	9.2	260	0.02	8.5	0.42	644	2.55	0.032	30.8	622	25.85	0.08	1.44	3.3	1.3	4.5	0.14	2.4	0.007	0.06	0.4	66	1.1	78.
115	KML006 00+50E	12.4	0.74	2.19	78.3	29.5	0.30	0.03	0.23	3.9	26.5	28.1	7.23	11.4	280	0.02	4.5	0.28	220	3.12	0.033	11.9	569	19.18	0.08	0.88	1.6	1.2	5.5	0.14	1.2	0.027	0.04	0.4	70	1.6	47.
124	KML 34+00N 00+50E	5.0	0.14	5.27	11.2	53.5	0.24	0.05	0.55	6.6	37.5	17.7	5.84	12.4	165	0.02	5.0	0.19	178	3.90	0.035	18.5	1369	14.98	0.06	0.38	3.1	0.4	6.5	0.10	2.7	0.046	0.06	0.4	92	0.5	152
133	KML 34+00N 02+75E	15.2	0.34	3.78	24.4	68.0	0.46	0.06	0.68	8.8	21.0	19.5	4.42	9.1	100	0.03	4.0	0.21	277	5.44	0.035	15.8	2022	14.99	0.04	0.52	2.7	0.4	8.5	0.18	1.7	0.051	0.06	0.3	64	0.4	183
141	KML 34+00N 04+75E	14.4	0.12	3.24	9.7	84.0	0.22	0.07	0.23	10.9	32.0	26.1	4.03	8.3	95	0.03	7.5	0.31	275	1.30	0.034	31.8	870	15.03	0.04	0.42	2.6	0.5	7.5	0.06	2.2	0.016	0.08	0.4	60	0.3	116
150	KML 34+00N 01+00W	117.4	0.24	3.12	30.8	110.5	1.36	0.10	0.39	13.9	19.0	53.0	7.56	10.8	55	0.04	5.0	0.19	363	7.51	0.033	17.5	2308	18.19	0.06	8.86	3.2	0.4	13.5	0.62	2.3	0.030	0.06	0.9	76	0.8	223
156	KML 34+50N 00+25E	193.2																																			

ECO TECH LABORATORY LTD. **ICP CERTIFICATE OF ANALYSIS AK 2009- 0515** **BOOTLEG EXPLORATION INC.**

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
159	KML 34+50N 01+00E	13.2	0.20	2.87	7.4	68.0	0.24	0.08	0.33	9.0	24.0	13.2	5.21	12.1	105	0.03	5.5	0.18	304	8.21	0.035	12.4	1349	14.51	0.04	0.38	2.1	0.3	8.5	0.10	1.9	0.028	0.06	0.4	78	0.6	105.
168	KML 34+50N 03+25E	9.4	0.38	2.80	38.5	60.5	0.28	0.07	0.71	6.3	23.0	20.5	4.28	8.7	75	0.02	4.5	0.27	217	7.46	0.036	16.9	888	13.80	0.04	0.54	2.3	0.4	9.5	0.06	1.8	0.030	0.04	0.3	70	0.4	141.
176	KML 34+50N 05+25E	10.8	0.32	2.67	10.6	97.5	0.32	0.15	0.35	10.1	30.0	20.0	5.03	10.0	65	0.03	6.0	0.29	252	2.38	0.037	33.3	862	18.86	0.04	0.54	1.9	0.7	20.5	0.08	1.4	0.035	0.06	0.4	70	0.4	171.
184	KML 34+50N 01+00W	623.7																																			
185	KML 34+50N 01+25W	11.2	0.20	1.05	3.4	139.5	0.90	0.31	0.30	13.4	5.0	6.3	2.39	5.2	35	0.04	8.0	0.09	1481	2.47	0.034	3.0	527	21.20	0.06	0.36	0.5	0.3	42.0	0.06	0.5	0.005	0.08	0.4	38	0.5	41.
Standard:																																					
OXE74		596.0	0.06	1.55	1.6	64.5	0.02	0.73	0.02	18.8	53.5	26.2	2.99	5.6	10	0.29	12.0	1.35	440	1.54	0.679	71.2	945	11.36	0.02	0.02	1.2	0.2	170.0	0.06	1.5	0.392	0.04	0.6	50	<0.1	42.
OXE74		608.6	0.04	1.53	1.6	69.5	0.02	0.70	0.03	17.7	49.0	24.2	3.15	5.4	<5	0.35	11.5	1.34	460	1.47	0.629	70.7	998	9.40	0.04	0.02	1.3	0.3	160.0	0.02	1.3	0.381	0.02	0.5	52	<0.1	48.
OXE74		598.6	0.08	1.56	1.9	64.5	<0.02	0.71	0.03	17.8	49.5	26.6	3.14	5.4	10	0.35	11.5	1.35	462	1.59	0.631	70.2	1027	9.67	0.06	0.02	1.1	0.3	162.5	0.06	1.2	0.383	0.02	0.5	54	<0.1	48.
OXE74		591.0	0.06	1.53	1.7	69.5	0.02	0.71	0.03	17.6	49.5	24.8	3.00	5.2	5	0.34	11.5	1.28	433	1.54	0.606	70.8	983	8.93	0.06	0.04	1.2	0.2	157.0	0.04	1.6	0.377	0.04	0.5	48	0.2	41.
OXE74		620.6	0.04	1.53	1.9	64.0	0.02	0.66	0.02	18.4	52.0	25.5	2.96	5.6	<5	0.36	12.5	1.35	442	1.71	0.630	75.7	1045	9.88	0.06	0.04	1.2	0.3	168.0	0.06	1.8	0.395	0.04	0.6	52	0.1	43.
OXE74		595.8	0.07	1.59	1.7	67.0	<0.02	0.77	0.04	17.5	48.5	25.7	2.90	6.2	<5	0.34	11.5	1.28	479	1.65	0.696	70.3	981	10.99	0.06	0.04	1.0	0.2	151.0	0.04	1.5	0.375	0.02	0.5	48	<0.1	47.

Aqua Regia Digest/ICPMS Finish

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

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23-Oct-09

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

ICP CERTIFICATE OF ANALYSIS AK 2009- 0517

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

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

No. of samples received: 136
Sample Type: Soil
Shipment #: KM09-002
Submitted by: Chris Gallagher

Values in ppm unless otherwise reported

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
1	KML 35+00N 00+00E	9.0	0.2	2.22	8.5	49.0	0.30	0.07	0.08	3.6	18.5	12.4	3.19	8.0	<5	0.03	6.0	0.16	123
2	KML 35+00N 00+25E	21.6	0.2	3.20	8.8	93.5	0.36	0.12	0.15	10.0	24.5	18.5	3.66	8.8	<5	0.04	7.5	0.36	237
3	KML 35+00N 00+50E	75.6	0.2	5.07	14.3	93.0	0.82	0.09	0.28	7.9	32.5	17.3	5.05	9.9	<5	0.05	5.5	0.32	216
4	KML 35+00N 00+75E N/S																		
5	KML 35+00N 01+00E N/S																		
6	KML 35+00N 01+25E N/S																		
7	KML 35+00N 01+50E	28.0	0.3	3.27	11.7	89.5	0.82	0.11	0.30	9.4	26.0	30.9	4.71	8.8	<5	0.03	6.0	0.35	328
8	KML 35+00N 01+75E	4.2	0.3	3.71	11.2	105.0	0.28	0.12	0.24	12.5	31.0	31.2	4.18	9.3	<5	0.03	7.0	0.41	312
9	KML 35+00N 02+00E	3.4	0.2	3.49	11.9	88.0	0.26	0.12	0.40	15.2	32.5	33.3	4.00	8.2	<5	0.03	7.0	0.45	424
10	KML 35+00N 02+25E	9.2	0.5	2.65	9.3	80.0	0.30	0.09	0.38	8.5	24.5	23.4	3.81	7.6	<5	0.03	5.5	0.28	461
11	KML 35+00N 02+50E	5.6	0.2	2.45	7.8	60.5	0.32	0.09	0.55	5.1	27.0	18.4	4.46	11.1	<5	0.03	6.5	0.24	145
12	KML 35+00N 02+75E	253.6	1.2	2.17	18.4	83.5	2.10	0.09	2.47	8.7	23.0	26.1	4.11	8.3	<5	0.04	7.5	0.23	409
13	KML 35+00N 03+00E	4.8	0.4	3.02	6.2	84.0	0.32	0.23	6.31	15.4	26.0	21.4	3.79	9.6	<5	0.03	6.0	0.27	865
14	KML 35+00N 03+25E	1.8	0.2	3.26	8.1	104.0	0.24	0.24	2.63	11.1	28.0	12.3	4.83	11.1	<5	0.03	6.0	0.35	358
15	KML 35+00N 03+50E	1.2	0.1	1.83	7.5	66.0	0.20	0.12	1.09	6.6	25.5	7.8	4.35	10.4	<5	0.03	6.0	0.29	225
16	KML 35+00N 03+75E	12.0	0.4	1.67	40.7	53.0	0.70	0.21	1.00	12.7	29.5	50.4	6.27	9.3	<5	0.04	7.0	0.27	376
17	KML 35+00N 04+00E	5.6	0.1	2.05	4.8	62.5	0.14	0.13	0.80	6.1	19.0	10.4	2.86	6.7	<5	0.02	4.5	0.18	119
18	KML 35+00N 04+25E	3.0	0.2	3.30	6.7	64.5	0.18	0.09	0.51	7.1	26.0	15.3	3.87	8.9	<5	0.02	5.5	0.22	181
19	KML 35+00N 04+50E	3.4	0.1	3.00	6.7	62.0	0.18	0.10	0.15	4.0	25.0	15.6	3.83	7.6	<5	0.03	5.5	0.18	207
20	KML 35+00N 04+75E	5.8	0.1	3.74	9.1	89.5	0.18	0.11	0.17	10.7	27.0	42.0	3.40	6.8	<5	0.03	8.5	0.45	309
21	KML 35+00N 05+00E	2.6	0.1	3.24	7.5	89.5	0.20	0.10	0.21	8.0	25.5	13.4	4.22	8.8	<5	0.03	5.5	0.25	173
22	KML 35+00N 05+25E	10.2	0.2	3.04	8.5	163.5	0.32	0.26	0.19	14.0	30.5	27.8	4.63	11.0	<5	0.05	7.5	0.49	405
23	KML 35+00N 05+50E	3.8	0.2	1.37	3.4	48.5	0.18	0.07	0.13	2.2	16.5	7.1	2.81	7.9	<5	0.02	9.5	0.09	117
24	KML 35+00N 05+75E	8.2	0.2	4.00	11.1	82.5	0.22	0.07	0.26	10.3	31.5	27.1	4.32	9.2	<5	0.04	6.5	0.35	239
25	KML 35+00N 06+00E	17.8	0.2	3.93	10.0	72.0	0.22	0.08	0.18	10.4	36.0	25.2	4.07	9.0	<5	0.03	6.5	0.31	365
26	KML 35+00N 06+25E	3.8	0.4	3.78	16.4	80.0	0.26	0.10	0.50	13.7	33.0	36.2	4.12	8.2	<5	0.04	7.0	0.42	571
27	KML 35+00N 00+25W	3.8	0.3	3.20	8.0	97.0	0.30	0.14	0.24	7.9	26.0	18.0	4.77	11.9	<5	0.04	7.0	0.35	371
28	KML 35+00N 00+50W	2.2	0.1	1.69	3.8	77.0	0.24	0.09	0.20	4.9	17.5	6.1	4.52	13.4	<5	0.02	7.0	0.06	260
29	KML 35+00N 00+75W	36.2	0.9	4.11	14.8	83.5	1.48	0.11	0.32	7.3	31.0	19.2	7.36	14.5	<5	0.04	6.0	0.30	310
30	KML 35+00N 01+00W	39.0	0.2	4.33	10.2	98.0	0.34	0.11	0.41	6.3	20.5	15.1	4.89	9.2	<5	0.03	5.5	0.20	209

Et #.	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1	1.40	0.034	9.8	641	12.02	0.04	0.48	1.9	0.3	7.5	0.08	1.7	0.011	0.06	0.3	58	0.4	58.4
2	1.49	0.037	21.7	584	13.32	0.04	0.38	3.3	0.4	13.5	0.10	2.3	0.064	0.08	0.5	68	0.6	80.1
3	1.90	0.037	20.0	1218	15.84	0.06	0.46	2.7	0.4	11.5	0.14	2.7	0.018	0.08	0.4	74	1.1	100.3
4																		
5																		
6																		
7	6.83	0.036	21.6	477	25.93	0.04	0.46	2.7	0.3	12.5	0.20	2.4	0.038	0.06	0.5	70	13.9	86.1
8	7.57	0.036	33.7	597	15.96	0.04	0.44	3.8	0.3	13.0	0.08	3.2	0.036	0.08	1.3	70	0.5	81.6
9	5.69	0.037	39.0	776	15.65	0.04	0.48	3.9	0.5	11.0	0.10	2.8	0.044	0.06	1.0	66	0.4	116.6
10	2.62	0.037	19.9	1060	15.83	0.04	0.38	2.6	0.3	9.5	0.10	2.0	0.028	0.08	0.4	66	0.3	94.6
11	20.53	0.033	15.8	484	12.75	0.04	0.56	2.3	0.3	10.0	0.10	1.7	0.022	0.06	0.3	82	0.3	133.4
12	15.30	0.032	19.6	955	27.06	0.04	1.80	2.4	0.2	11.5	0.72	1.8	0.009	0.08	0.5	60	0.5	326.1
13	15.42	0.036	26.3	1757	14.94	0.04	0.58	2.2	0.2	24.0	0.08	1.8	0.054	0.08	0.6	52	0.3	539.4
14	19.12	0.037	25.3	1082	13.11	0.04	0.66	2.7	0.3	25.5	0.08	1.5	0.036	0.06	0.4	80	0.4	272.7
15	9.11	0.033	15.1	357	11.63	0.04	0.38	2.1	0.1	13.0	0.12	1.1	0.038	0.04	0.2	84	0.3	210.1
16	5.65	0.033	32.3	611	12.63	0.04	1.52	1.9	0.3	23.5	0.32	1.6	0.041	0.06	0.3	74	0.5	226.0
17	0.97	0.033	15.4	292	10.43	0.04	0.20	1.5	0.1	16.0	0.06	1.4	0.055	0.04	0.2	56	0.2	112.0
18	1.06	0.037	15.9	1571	10.75	0.04	0.22	2.6	0.2	10.0	0.08	2.1	0.027	0.06	0.4	66	0.2	135.4
19	0.95	0.039	11.1	1190	9.84	0.06	0.24	2.5	0.3	14.0	0.08	1.9	0.013	0.08	0.3	66	0.5	57.8
20	1.39	0.043	32.5	738	13.22	0.06	0.30	4.5	0.6	14.0	0.10	2.6	0.069	0.08	0.7	58	0.5	81.2
21	2.18	0.042	17.4	499	10.85	0.08	0.26	2.7	0.3	15.5	0.06	2.2	0.036	0.06	0.6	74	0.5	83.1
22	7.26	0.044	47.2	683	12.99	0.06	0.36	3.0	0.4	71.0	0.08	1.7	0.046	0.10	0.5	72	0.6	141.2
23	0.91	0.036	5.3	736	13.61	0.06	0.16	1.2	0.3	11.5	0.04	1.3	0.011	0.06	0.2	56	0.3	47.2
24	1.29	0.041	29.7	1974	13.36	0.06	0.30	3.5	0.5	10.5	0.08	2.6	0.015	0.06	0.6	64	0.4	161.8
25	1.51	0.037	26.4	1554	14.78	0.06	0.46	2.5	0.4	9.0	0.10	2.7	0.019	0.08	0.5	60	0.5	114.3
26	1.09	0.038	43.7	1821	16.06	0.06	0.58	3.3	0.4	10.0	0.06	2.8	0.033	0.10	0.6	62	0.4	177.0
27	2.18	0.039	21.5	1279	14.94	0.08	0.40	2.5	0.5	13.5	0.08	1.8	0.033	0.08	0.7	76	0.7	103.9
28	2.18	0.034	4.7	739	28.64	0.06	0.30	1.2	0.3	8.5	0.10	1.3	0.142	0.04	0.3	84	0.3	71.4
29	2.05	0.039	17.7	1652	152.40	0.14	0.86	3.0	0.4	11.0	0.18	3.4	0.035	0.08	0.9	90	0.8	127.0
30	1.27	0.038	11.1	1256	15.95	0.08	0.56	3.1	0.6	12.5	0.08	2.8	0.024	0.06	1.0	58	0.6	151.9

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
31	KML 35+00N 01+25W	2.4	0.1	1.31	2.3	118.0	0.18	0.32	0.15	5.1	10.5	7.0	2.71	10.1	<5	0.02	5.5	0.17	340	1.19	0.036	4.5	390	8.85	0.06	0.14	1.1	0.2	34.5	0.02	0.3	0.017	0.04	0.4	62	0.3	56.
32	KML 35+00N 01+50W	5.6	0.2	4.34	7.6	81.0	0.22	0.15	0.23	4.3	26.5	11.5	4.90	10.2	<5	0.03	4.5	0.15	318	2.26	0.036	9.8	1079	12.09	0.08	0.28	2.1	0.5	19.0	0.06	3.2	0.039	0.06	0.5	72	0.5	78.
33	KML 35+00N 01+75W	2.2	0.1	1.88	5.9	34.5	0.22	0.08	0.09	2.0	16.0	6.3	4.80	14.2	<5	0.02	5.0	0.11	190	1.46	0.034	3.3	1129	9.94	0.06	0.28	1.4	0.3	10.0	0.06	1.3	0.054	0.06	0.3	104	0.5	36.
34	KML 35+00N 02+00W	2.8	0.5	5.33	6.9	42.0	0.20	0.07	0.24	4.3	35.5	16.5	5.95	13.7	<5	0.03	6.0	0.16	194	1.61	0.039	9.6	1870	13.99	0.08	0.24	3.6	0.8	9.0	0.06	2.5	0.052	0.06	0.6	96	0.5	84.
35	KML 35+50N 00+00E	11.0	0.3	5.40	9.1	252.5	0.48	0.23	0.45	16.8	35.5	40.0	5.59	15.0	<5	0.07	10.0	0.46	438	10.90	0.041	45.8	734	22.72	0.06	1.26	3.7	0.5	24.0	0.16	2.8	0.060	0.10	1.1	82	0.5	186.
36	KML 35+50N 00+25E	18.2	0.5	2.89	11.7	64.0	0.34	0.07	0.31	7.1	25.0	13.8	4.44	9.5	<5	0.03	5.5	0.23	210	3.45	0.036	14.8	862	15.61	0.06	0.54	2.1	0.4	8.5	0.08	2.0	0.051	0.06	0.4	72	0.4	120.
37	KML 35+50N 00+50E	5.0	0.4	3.32	7.8	89.0	0.20	0.12	0.23	7.9	22.0	10.5	3.91	9.6	<5	0.03	5.0	0.22	170	3.38	0.038	17.6	469	11.80	0.06	0.28	2.3	0.3	13.0	0.06	1.9	0.035	0.04	0.7	60	0.3	93.
38	KML 35+50N 00+75E	350.6	0.2	1.49	6.2	58.0	4.94	0.10	0.37	2.9	14.0	7.9	3.22	9.1	<5	0.02	5.5	0.15	117	9.18	0.035	5.0	224	16.68	0.06	0.30	1.5	0.1	9.5	0.18	1.1	0.026	0.04	0.2	68	0.3	64.
39	KML 35+50N 01+00E N/S																																				
40	KML 35+50N 01+25E N/S																																				
41	KML 35+50N 01+50E	2.4	0.2	2.18	5.0	211.0	0.34	0.47	0.23	7.4	21.0	17.1	2.95	8.0	<5	0.02	17.0	0.31	402	8.02	0.039	18.8	356	11.28	0.08	0.22	2.7	1.0	50.5	0.04	1.0	0.030	0.06	6.1	48	0.2	37.
42	KML 35+50N 01+75E	5.0	0.1	2.28	6.9	162.5	0.26	0.24	0.20	8.8	22.0	14.9	4.12	10.3	<5	0.03	6.5	0.31	247	24.05	0.038	19.6	347	14.05	0.06	0.32	2.3	0.3	25.5	0.04	1.5	0.021	0.06	0.7	70	0.2	79.
43	KML 35+50N 02+00E	2.8	0.3	2.42	7.1	98.0	0.40	0.10	0.21	6.4	19.0	12.3	3.41	7.9	<5	0.02	6.0	0.18	221	2.74	0.036	14.2	721	10.74	0.06	0.30	2.2	0.3	10.0	0.08	2.0	0.004	0.06	0.4	58	0.2	74.
44	KML 35+50N 02+25E	2.4	0.1	4.22	8.4	80.5	0.20	0.08	0.29	10.3	29.0	17.2	4.31	8.5	<5	0.03	4.5	0.27	337	2.02	0.036	21.5	1431	16.48	0.08	0.32	3.4	0.4	8.5	0.10	2.5	0.047	0.06	0.6	68	0.4	104.
45	KML 35+50N 02+50E	2.6	0.2	3.49	9.2	97.5	0.24	0.09	0.58	5.9	25.0	17.1	4.57	10.4	<5	0.03	6.0	0.26	209	3.14	0.038	17.1	873	13.16	0.08	0.36	3.0	0.3	10.0	0.06	2.3	0.024	0.06	0.4	74	0.4	121.
46	KML 35+50N 02+75E	6.4	0.5	1.70	4.3	123.5	0.58	0.16	1.43	6.7	12.5	13.8	3.01	6.9	<5	0.02	7.0	0.11	158	11.79	0.033	10.5	366	13.45	0.06	0.38	1.5	0.3	20.0	0.14	1.1	0.005	0.06	0.4	54	0.6	122.
47	KML 35+50N 03+00E	6.2	0.1	2.75	8.7	78.5	0.22	0.10	1.59	8.2	22.0	26.9	3.52	7.6	<5	0.03	7.5	0.41	275	2.35	0.035	23.5	1098	16.65	0.06	0.30	3.7	0.5	11.5	0.10	2.6	0.053	0.06	0.7	58	0.4	159.
48	KML 35+50N 03+25E	4.8	0.4	2.70	10.2	132.5	0.28	0.51	1.50	7.5	24.0	18.6	5.20	11.3	<5	0.03	11.0	0.20	413	9.83	0.036	14.2	501	17.39	0.10	0.58	2.2	1.0	63.0	0.10	1.0	0.073	0.04	1.1	84	0.4	222.
49	KML 35+50N 03+50E	30.4	0.3	2.11	27.1	108.5	0.52	0.15	1.47	6.4	32.5	18.8	5.09	11.5	<5	0.03	5.5	0.26	167	3.30	0.035	15.3	351	15.53	0.06	0.58	2.1	0.3	21.5	0.16	1.5	0.054	0.06	0.3	94	0.4	276.
50	KML 35+50N 03+75E	21.6	0.5	2.93	25.0	54.0	0.42	0.23	2.21	18.3	21.5	26.3	3.40	6.3	<5	0.03	8.5	0.28	470	4.58	0.035	36.0	737	16.86	0.08	0.58	2.2	1.1	21.5	0.06	1.5	0.027	0.04	0.7	48	0.3	262.
51	KML 35+50N 04+00E	4.6	0.5	2.85	11.0	51.5	0.32	0.18	1.90	10.8	26.5	19.8	6.40	12.9	<5	0.03	6.0	0.24	161	6.03	0.035	16.5	552	16.81	0.08	0.62	3.0	0.5	17.0	0.14	2.0	0.041	0.04	0.5	108	0.4	152.
52	KML 35+50N 04+25E	8.8	0.2	1.47	6.1	57.0	0.22	0.16	0.28	3.0	14.5	5.4	3.80	10.7	<5	0.02	6.0	0.11	87	1.79	0.034	4.2	336	10.52	0.06	0.26	1.3	0.2	22.5	0.08	1.1	0.008	0.04	0.3	78	0.3	51.
53	KML 35+50N 04+50E	5.4	0.1	2.96	7.4	101.5	0.16	0.09	0.28	9.7	22.5	15.6	3.76	7.9	<5	0.03	5.0	0.26	240	1.09	0.036	18.0	1076	11.49	0.06	0.26	2.6	0.2	10.0	0.06	2.0	0.078	0.06	0.4	66	0.4	124.
54	KML 35+50N 04+75E	6.2	0.1	1.72	3.9	102.0	0.28	0.12	0.08	12.1	18.0	13.3	2.94	9.8	<5	0.03	7.0	0.40	347	1.97	0.037	19.5	368	10.35	0.06	0.22	2.2	0.3	18.0	0.04	1.1	0.038	0.08	0.4	50	0.3	82.
55	KML 35+50N 05+00E	2.4	0.1	2.30	5.8	102.5	0.34	0.11	0.17	15.8	19.5	14.5	4.07	11.0	<5	0.03	7.5	0.23	214	2.40	0.038	15.3	424	19.52	0.06	0.26	2.3	0.5	16.5	0.12	1.9	0.038	0.06	0.6	62	0.4	101.
56	KML 35+50N 05+25E	3.2	0.1	2.05	9.1	107.5	0.42	0.24	0.17	14.4	20.5	12.8	4.03	12.5	<5	0.03	9.5	0.21	300	3.72	0.033	15.7	710	26.77	0.06	0.26	2.1	0.5	45.0	0.04	1.6	0.049	0.08	0.7	72	0.4	89.
57	KML 35+50N 05+50E	9.4	0.1	3.69	15.1	81.5	0.34	0.12	0.19	7.8	40.5	26.3	5.59	8.2	<5	0.02	6.0	0.29	174	2.18	0.035	27.2	569	18.50	0.08	0.42	2.5	0.7	19.5	0.10	2.6	0.021	0.04	0.5	62	0.4	76.
58	KML 35+50N 05+75E	5.4	0.4	3.97	8.9	73.0	0.20	0.07	0.28	10.0	32.5	22.3	4.19	8.0	<5	0.03	6.0	0.30	370	0.96	0.033	23.7	2900	11.92	0.08	0.24	2.6	0.5	8.5	0.10	2.5	0.012	0.08	0.4	62	0.3	154
59	KML 35+50N 06+00E	2.2	0.6	4.80	7.7	72.5	0.20	0.07	0.41	12.6	33.0	21.2	4.47	11.0	<5	0.03	6.5	0.32	1016	1.18	0.034	22.3	4478	12.55	0.08	0.20	4.0	0.6	8.5	0.06	2.8	0.019	0.10	0.5	66	0.3	171
60	KML 35+50N 06+25E	31.0	0.3	3.04	9.8	113.0	0.24	0.12	0.34	11.5	32.0	25.4	3.78	7.7	<5	0.04	9.0	0.42	280	1.14	0.036	39.9	1068	12.73	0.06	0.30	2.8	0.4	20.0	0.08	2.9	0.011	0.08	0.5	58	0.3	125.
61	KML 35+50N 06+50E	2.0	0.3	2.22	6.4	261.0	0.24	0.18	0.60	13.8	54.5	13.5	4.62	11.0	<5	0.04	10.0	0.40	206	1.73	0.039	31.0	467	13.40	0.06	0.42	2.6	0.3	42.0	0.06	1.6	0.070	0.06	0.3	80	0.2	251
62	KML 35+50N 06+75E	3.2	0.3	2.05	18.0	141.5	0.46	0.18	0.95	17.1	31.0	39.1	4.93	8.8	<5	0.05	7.0	0.38	399	1.39	0.034	47.6	1290	21.47	0.06	2.28	2.6	0.5	29.0	0.18	1.9	0.015	0.06	0.3	60	0.3	388
63	KML 35+50N 07+00E	1.6	0.1	1.72	6.8	134.5	0.20	0.21	0.57	14.1	24.0	14.6	3.07	6.7	<5	0.05	7.0	0.34	459	0.60	0.033	27.3	1339	14.68	0.06	0.26	2.1	0.2	25.5	0.06	1.6	0.008	0.06	0.3	44	0.1	276
64	KML 35+50N 00+25W	9.4	0.3	4.36	10.2	59.5	0.34	0.06	0.25	8.3	38.5	26.4	5.19	10.7	<5	0.03	5.0	0.26	238	3.12	0.037	20.8	1189	17.42	0.10	0.38	3.2	0.6	7.0	0.10	2.8	0.021	0.06	0.6	68	0.4	113
65	KML 35+50N 00+50W	1.8	0.2	2.18	4.5	53.5	0.20	0.08	0.16	3.8	18.0	15.0	3.64	9.9	<5	0.02	6.5	0.14	157	1.28	0.034	7.1	599	9.29	0.06	0.20	1.9	0.3	9.0	0.06	1.7	0.007	0.06	0.4	78	0.2	58.
66	KML 35+50N 00+75W	3.6	0.4	2.56	5.9	62.0	0.20	0.07	0.18	6.7	18.5	14.2	3.23	7.7	<5	0.02	5.0	0.16	203	1.48	0.037	12.1	565	14.43	0.08	0.22	2.2	0.4	8.0	0.08	2.1	0.030	0.06	0.5	60	0.2	76.
67	KML 35+50N 01+00W	4.0	0.2	1.99	3.8	44.5	0.18	0.07	0.11	2.4	15.0	10.1	3.43	10.6	<5	0.02	5.5	0.08	113	3.01	0.032	4.5	459	9.32	0.06	0.24	1.3	0.3	8.0	0.04	1.7	0.040	0.04	0.4	78	0.2	52.
68	KML 35+50N 01+25W	2.0	<0.1	1.54	0.9	71.5	0.14	0.15	0.06	3.2	9.5	3.6	0.95	9.6	<5	0.02	5.5	0.18	97	1.50	0.042	5.6	190	8.81	0.10	0.10	1.2	0.3	20.0	0.02	0.4	0.015	0.06	0.5	32	0.1	15.
69	KML 35+50N 01+50W	14.0	0.4	3.02	4.7	61.5	0.16	0.06	0.10	4.4	18.0	7.2	2.32	9.9	<5	0.02	6.5	0.25	116	1.26	0.038	11.9	273	9.74	0.08	0.12	2.4	0.4	8.5	0.04	1.9	0.032	0.08	0.7	58	0.4	40.
70	KML 35+50N 01+75W	2.4	0.1	2.44	3.8	103.0	0.14	0.12	0.06	6.2	18.5	12.6	2.37	10.7	<5	0.04	5.0	0.46	227	1.02	0.040	20.6	1173	7.53	0.08	0.16	2.8	0.2	15.5	0.04	1.9	0.062	0.08	0.5	56	0.4	52.
71	KML 36+00N 00+00E	7.0	0.2	3.78	8.0	49.5	0.30	0.10	0.21	6.0	28.5	19.3	4.47	9.4	90	0.03	5.5	0.27	309	1.50	0.035	16.5	1484	13.80	0.04	0.34	2.6	0.4	7.0	0.06	2.3	0.006	0.08	0.4	74	0.6	80.
72	KML 36+00N 00+25E	34.2	0.2	2.88	10.6	47.0	0.86	0.08	0.20	5.0	24.5	20.9	4.41	8.7	55	0.03	5.5	0.27	180	2.84	0.037	15.4	801	12.68	0.04	0.58	2.1	0.3	7.0	0.16	2.7	0.012	0.08	0.4	66	0.7	66.
73	KML 36+00N 00+50E	19.2	0.3	3.27	20.1	92.5	0.42	0.09	0.32	6.9	29.0	23.7	6.02	11.1	65	0.03	4.5	0.34	200	24.01	0.034	19.6	583	14.29	0.04	1.58	2.6	0.3	8.5	0.12	1.9	0.046	0.06	0.3	90	0.7	95.
74	KML 36+00N 00+75E	6.6	0.2	3.37	11.9	66.5	0.20	0.08	0.20	6.2	22.0	18.0	4.14	9.2	60	0.03	4.5	0.30	239	3.16	0.037	16.7	1297	9.49	0.04	0.28	2.4	0.3	7.0	0.08	1.5	0.056	0.06	0.3	70	0.5	87.
75	KML 36+00N 01+00E	197.6	0.6	2.59	20.8	108.0	1.78	0.15	0.45	13.4	15.5	113.1	5.24	5.3	60	0.05	13.0	0.44	948	13.73	0.037	21.8	1027	73.32	0.04	11.74	3.9	1.0	9.5	0.38	3.9	0.004	0.08	1.9	40	8.0	101.

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
76	KML 36+00N 01+25E	3.2	0.2	3.74	6.6	83.0	0.22	0.12	0.23	5.1	26.5	12.3	5.05	11.4	105	0.03	5.5	0.21	145	1.32	0.034	11.4	1221	9.63	0.04	0.24	2.4	0.3	8.0	0.04	1.9	0.025	0.04	0.3	78	0.4	103.4
77	KML 36+00N 01+50E	4.0	0.1	2.71	7.3	59.0	0.18	0.12	0.28	6.9	24.5	17.0	4.55	8.9	40	0.03	4.5	0.30	178	3.56	0.035	19.0	370	11.27	0.02	0.30	2.2	0.2	9.5	0.04	1.5	0.025	0.04	0.2	68	0.4	78.2
78	KML 36+00N 01+75E	4.0	0.1	2.56	3.8	112.5	0.16	0.25	0.16	5.4	19.5	11.9	2.94	9.0	65	0.02	6.0	0.29	183	2.60	0.035	16.8	417	8.97	0.04	0.18	2.2	0.3	22.5	0.02	1.3	0.012	0.06	0.4	56	0.4	66.4
79	KML 36+00N 02+00E	4.8	0.3	3.15	9.0	100.0	0.24	0.21	0.28	10.4	24.0	24.6	4.34	8.6	80	0.03	7.5	0.35	327	2.92	0.040	24.8	1009	12.24	0.04	0.30	2.9	0.4	16.5	0.08	2.1	0.037	0.06	0.9	66	0.5	107.7
80	KML 36+00N 02+25E	6.0	0.1	1.36	3.2	47.0	0.16	0.07	0.31	5.3	10.5	11.1	2.04	4.2	50	0.02	3.0	0.17	146	2.55	0.031	9.8	360	9.11	<0.02	0.14	1.3	0.1	6.0	0.02	0.9	0.010	0.04	0.3	34	0.2	64.5
81	KML 36+00N 02+50E	1.6	0.1	2.71	6.1	68.0	0.16	0.12	1.23	5.9	20.5	12.9	3.73	7.1	60	0.02	3.5	0.17	166	6.52	0.033	13.5	315	9.27	0.02	0.24	2.0	0.2	9.5	0.04	1.5	0.030	0.04	0.3	56	0.4	129.4
82	KML 36+00N 02+75E	13.6	0.4	1.49	4.5	29.5	0.12	0.56	1.47	9.1	22.0	9.8	2.60	5.3	65	0.03	4.5	0.43	1744	24.88	0.034	20.9	769	5.95	0.12	0.42	1.3	0.8	55.5	0.04	0.6	0.004	0.18	0.8	38	1.6	61.3
83	KML 36+00N 03+00E	4.6	0.1	1.87	7.6	89.5	0.26	0.14	1.39	7.7	20.0	11.8	4.06	7.7	25	0.03	4.0	0.34	222	1.78	0.035	17.4	334	11.54	0.02	0.26	1.9	0.1	13.5	0.08	1.0	0.039	0.04	0.2	66	0.4	257.7
84	KML 36+00N 03+25E	4.6	0.2	2.62	9.9	66.5	0.42	0.13	1.63	6.2	19.5	12.9	3.92	7.1	45	0.03	3.5	0.25	301	1.62	0.033	14.5	953	10.34	0.02	0.38	1.4	0.1	12.5	0.20	1.2	0.035	0.06	0.2	60	0.4	281.2
85	KML 36+00N 03+50E	4.2	0.2	0.81	5.9	23.5	0.28	0.06	0.28	1.5	7.0	5.0	1.82	4.1	20	0.01	2.5	0.07	72	0.51	0.030	2.4	279	7.10	<0.02	0.20	0.6	<0.1	5.0	0.08	0.6	0.002	0.04	0.1	34	0.2	61.5
86	KML 36+00N 03+75E	4.2	0.2	2.48	8.5	49.0	0.20	0.07	0.55	7.2	19.0	14.9	3.16	5.9	75	0.02	3.5	0.25	246	0.93	0.033	16.6	1368	9.84	0.02	0.24	1.6	0.2	5.5	0.04	1.5	0.004	0.04	0.2	46	0.2	118.6
87	KML 36+00N 04+00E	7.2	0.3	2.03	9.1	59.5	0.34	0.17	0.54	9.1	18.5	19.8	3.38	6.6	50	0.02	5.5	0.25	209	1.15	0.034	24.8	561	11.80	0.02	0.44	1.8	0.3	13.5	0.10	1.4	0.019	0.04	0.3	48	0.3	125.9
88	KML 36+00N 04+25E	2.2	0.2	1.67	6.6	83.5	0.30	0.22	0.28	9.7	13.5	14.2	4.16	13.4	35	0.02	7.5	0.12	221	2.21	0.033	6.3	698	16.28	0.02	0.32	1.4	0.4	22.0	0.04	1.3	0.054	0.04	0.6	78	0.4	80.2
89	KML 36+00N 04+50E	5.2	0.2	2.99	5.6	66.0	0.20	0.10	0.20	6.2	22.0	10.3	5.36	11.0	65	0.02	7.0	0.11	134	1.14	0.035	9.7	1838	12.01	0.06	0.20	2.0	0.4	8.5	0.04	1.8	0.016	0.04	0.4	70	0.4	117.8
90	KML 36+00N 04+75E	2.6	<0.1	1.18	2.7	59.0	0.14	0.12	0.05	4.4	11.5	11.1	1.91	5.6	15	0.02	3.5	0.26	160	0.62	0.032	12.6	348	5.48	<0.02	0.10	1.3	0.1	11.5	<0.02	0.7	0.017	0.04	0.2	34	0.2	44.5
91	KML 36+00N 05+00E	1.8	0.1	3.50	10.6	73.5	0.22	0.10	0.28	8.2	27.0	13.6	5.51	10.5	45	0.03	4.5	0.17	158	1.66	0.036	16.6	987	12.13	0.06	0.24	1.8	0.3	11.5	0.06	2.0	0.025	0.04	0.4	68	0.4	121.8
92	KML 36+00N 05+25E	5.0	0.1	3.16	12.0	75.0	0.22	0.13	0.43	12.3	30.0	30.1	4.09	6.2	45	0.03	5.5	0.43	330	1.01	0.035	36.7	1103	13.44	0.02	0.28	2.2	0.4	10.0	0.10	2.4	0.016	0.04	0.3	52	0.3	130.8
93	KML 36+00N 05+50E	2.6	0.2	3.30	12.3	62.5	0.28	0.11	0.39	12.5	26.0	24.4	4.73	8.1	55	0.03	4.5	0.28	625	0.94	0.035	17.9	6093	16.74	0.04	0.32	2.5	0.3	8.0	0.16	2.4	0.017	0.06	0.4	62	1.2	177.0
94	KML 36+00N 05+75E	42.6	0.2	2.14	5.6	75.0	0.18	0.13	0.54	8.7	21.0	14.0	3.41	6.5	45	0.03	5.5	0.23	376	0.58	0.035	15.3	1537	11.20	<0.02	0.18	1.6	0.1	9.5	0.06	1.6	0.009	0.06	0.2	50	0.2	192.9
95	KML 36+00N 06+00E N/S																																				
96	KML 36+00N 06+25E	1.4	0.1	1.45	2.8	146.5	0.16	0.20	0.15	7.9	56.0	7.5	2.20	9.6	15	0.03	8.0	0.84	100	1.18	0.048	29.9	128	10.96	0.02	0.20	1.8	0.2	41.5	<0.02	0.8	0.033	0.02	0.3	60	<0.1	140.0
97	KML 36+00N 06+50E	6.8	0.2	2.56	30.1	53.5	0.20	0.08	0.26	18.6	25.5	34.8	3.31	5.7	50	0.03	4.5	0.33	535	0.77	0.034	35.2	1519	17.45	0.02	0.58	2.5	0.3	7.0	0.08	2.2	0.006	0.06	0.3	42	0.2	141.5
98	KML 36+00N 06+75E	4.4	0.1	3.12	7.5	83.0	0.14	0.08	0.19	11.4	25.5	32.4	3.38	7.0	50	0.03	5.0	0.51	519	0.90	0.034	32.0	1144	9.17	0.02	0.32	4.1	0.3	7.5	0.06	2.0	0.032	0.06	0.5	54	0.3	109.5
99	KML 36+00N 07+00E	2.2	0.1	2.19	6.0	31.0	0.20	0.06	0.07	2.6	26.5	12.1	4.32	8.8	35	0.02	4.5	0.17	131	0.91	0.030	8.9	1185	15.38	0.02	0.42	1.6	0.2	4.5	0.04	1.5	0.002	0.04	0.2	64	0.2	51.0
100	KML 36+00N 00+25W	3.8	0.2	3.08	6.3	47.0	0.20	0.06	0.27	8.4	21.0	24.1	3.48	7.5	130	0.02	4.0	0.20	633	2.43	0.033	14.2	1221	12.03	0.04	0.24	2.3	0.3	5.0	0.06	1.8	0.013	0.04	0.4	56	0.4	82.3
101	KML 36+00N 00+50W	5.0	0.3	2.68	6.2	53.5	0.22	0.11	0.38	6.8	20.0	19.6	3.42	7.5	95	0.03	5.0	0.21	594	2.67	0.032	14.1	1139	13.86	0.04	0.36	1.8	0.3	7.5	0.06	1.2	0.014	0.04	0.4	56	0.4	70.3
102	KML 36+00N 00+75W	7.0	0.1	2.58	4.9	50.0	0.22	0.10	0.23	3.7	17.5	14.0	3.62	8.2	105	0.02	3.5	0.16	149	14.45	0.034	8.9	501	10.32	0.02	0.26	1.7	0.3	8.0	0.10	1.7	0.036	0.04	0.4	68	0.4	62.2
103	KML 36+00N 01+00W	1.0	0.1	1.84	6.1	103.5	0.20	0.29	0.25	5.2	16.0	9.5	5.98	13.1	40	0.02	5.5	0.15	125	52.83	0.033	6.0	235	11.40	0.04	0.26	1.3	0.2	22.0	0.08	0.9	0.049	0.04	0.4	102	0.5	31.6
104	KML 36+50N 00+00E	2.0	0.1	2.55	5.9	49.0	0.18	0.06	0.24	7.9	21.5	16.0	3.20	6.7	130	0.02	4.0	0.17	444	1.80	0.029	14.3	874	9.14	0.02	0.26	2.3	0.3	5.0	0.06	1.7	0.005	0.06	0.3	52	0.2	75.3
105	KML 36+50N 00+25E	2.6	0.2	4.94	9.9	57.5	0.22	0.05	0.32	6.5	33.0	19.7	5.77	11.2	195	0.03	4.0	0.21	225	3.83	0.033	15.2	1766	13.70	0.04	0.36	2.6	0.4	5.0	0.06	2.5	0.015	0.06	0.4	76	0.5	105.2
106	KML 36+50N 00+50E	60.0	0.3	3.32	213.6	72.5	0.43	0.10	0.62	6.5	29.7	43.6	4.67	8.1	70	0.03	5.1	0.30	180	17.50	0.040	23.8	522	47.52	0.03	5.51	2.5	0.3	8.7	0.14	2.5	0.021	0.06	0.4	67	0.4	162.0
107	KML 36+50N 00+75E	5.0	0.3	3.80	12.3	72.5	0.32	0.14	0.53	7.5	30.0	26.2	4.83	9.0	90	0.03	4.5	0.36	267	3.35	0.037	24.2	857	14.89	0.02	1.12	2.4	0.3	11.0	0.08	2.1	0.066	0.06	0.4	74	0.4	129.3
108	KML 36+50N 01+00E	4.0	0.3	2.16	9.8	53.5	0.36	0.14	0.21	2.9	25.0	11.3	6.92	15.0	55	0.03	7.5	0.19	129	16.87	0.033	7.9	787	11.80	0.02	0.58	1.6	0.2	11.0	0.06	1.4	0.016	0.06	0.3	98	0.6	44.9
109	KML 36+50N 01+25E	6.0	0.1	3.51	7.9	64.5	0.24	0.10	0.41	5.6	31.0	21.5	4.90	10.9	70	0.03	6.5	0.19	305	2.91	0.033	13.1	1837	19.92	0.02	0.32	1.9	0.3	8.5	0.08	2.4	0.027	0.06	0.4	72	0.4	120.2
110	KML 36+50N 01+50E	6.2	0.2	3.99	12.0	86.0	0.30	0.10	0.60	10.4	33.5	21.7	5.21	10.6	85	0.03	6.0	0.35	395	2.99	0.035	24.5	3020	21.91	0.04	0.40	2.8	0.3	8.0	0.08	2.8	0.045	0.08	0.5	70	0.5	152.4
111	KML 36+50N 01+75E	2.8	0.4	3.21	9.8	93.5	0.18	0.18	0.84	11.7	27.5	27.5	4.31	7.3	60	0.03	6.5	0.47	282	3.69	0.038	37.7	1951	14.07	0.02	0.30	2.8	0.4	14.5	0.06	2.2	0.033	0.04	0.4	62	0.4	166.2
112	KML 36+50N 02+00E	2.2	0.2	1.63	10.7	412.5	0.42	0.99	1.16	17.5	24.0	11.0	5.32	7.5	40	0.05	7.5	0.37	6769	64.45	0.034	17.9	1558	11.90	0.12	0.66	1.7	1.1	98.0	0.18	0.3	0.014	0.22	1.2	84	0.2	54.0
113	KML 36+50N 02+25E	2.8	0.3	2.01	10.8	291.0	0.34	0.72	0.81	18.8	26.0	16.8	6.77	7.6	45	0.04	8.0	0.44	6276	34.45	0.040	24.9	887	14.50	0.06	0.84	2.8	0.9	69.0	0.14	1.1	0.034	0.14	1.2	76	0.2	114.3
114	KML 36+50N 02+50E N/S																																				
115	KML 36+50N 02+75E	73.8	0.9	1.63	16.7	75.0	2.84	0.20	1.18	5.0	11.5	25.0	5.03	9.4	45	0.02	5.5	0.09	173	4.28	0.031	3.3	404	60.76	0.04	1.08	1.3	0.1	18.0	0.58	1.0	0.007	0.06	0.3	78	1.1	138.0
116	KML 36+50N 03+00E	31.8	0.4	3.87	13.3	59.5	0.44	0.11	0.65	8.1	28.0	19.1	4.99	9.5	120	0.03	5.5	0.30	533	1.08	0.036	15.3	2253	25.06	0.04	0.38	2.6	0.4	8.5	0.10	2.2	0.023	0.06	0.4	76	0.5	114.9
117	KML 36+50N 03+25E	3.6	0.3	5.48	12.1	93.5	0.22	0.09	0.97	10.2	35.5	19.8	5.96	13.4	160	0.03	5.5	0.27	211	2.04	0.035	24.8	1231	14.50	0.04	0.36	3.4	0.6	9.5	0.08	2.8	0.059	0.06	0.5	86	0.6	197.7
118	KML 36+50N 03+50E	2.2	0.3	2.59	7.1	87.0	0.16	0.13	0.61	8.1	20.5	15.8	3.81	9.4	65	0.03	5.5	0.25	189	0.85	0.034	16.8	659	15.70	0.02	0.24	1.9	0.3	10.5	0.02	1.6	0.039	0.06	0.3	76	0.3	195.3
119	KML 36+50N 03+75E	11.8	0.7	3.61	7.6	73.0	1.04	0.08	0.53	8.9	26.5	19.6	4.08	9.1	175	0.02	5.5	0.20	284	1.05	0.034	16.3	2117	14.50	0.04	0.30	2.7	0.4	7.0	0.14	2.1	0.017	0.06	0.4	66	0.4	143.2
120	KML 36+50N 04+00E	10.0	0.6	4.95	16.1	86.5	0.38	0.09	0.73	10.2	37.0	28.0	6.64	13.2	175	0.03	6.5	0.20	234	2.80	0.035	23.7	1578	18.52	0.06	0.66	2.4	0.7	9.0	0.12	2.8	0.029	0.06	0.4	80	0.7	216.0

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zr ppm
121	KML 36+50N 04+25E	8.0	0.2	2.14	9.2	72.5	0.20	0.12	0.28	7.3	20.0	19.5	3.50	6.7	40	0.02	6.0	0.31	216	0.89	0.033	22.1	623	11.80	<0.02	0.40	2.2	0.4	11.0	0.08	1.9	0.031	0.04	0.3	54	0.4	82.
122	KML 36+50N 04+50E	3.2	0.3	2.28	6.0	66.0	0.12	0.18	0.32	7.6	17.5	15.3	3.43	5.9	55	0.03	4.5	0.27	355	0.58	0.040	12.9	1699	7.86	0.02	0.16	2.1	0.4	14.5	0.04	1.3	0.023	0.04	0.3	64	0.3	86.
123	KML 36+50N 04+75E	2.2	0.3	2.73	4.7	63.0	0.12	0.14	0.36	6.8	17.5	13.1	3.35	6.5	90	0.03	5.0	0.20	208	0.67	0.033	11.3	1515	7.70	0.02	0.16	2.5	0.4	10.0	0.04	1.6	0.033	0.04	0.4	58	0.3	117
124	KML 36+50N 05+00E	2.6	0.4	2.95	9.3	68.0	0.14	0.16	0.39	10.0	24.5	16.5	4.26	6.0	45	0.03	3.5	0.39	301	0.56	0.037	19.1	1549	8.98	0.02	0.20	2.6	0.2	13.0	0.08	1.9	0.043	0.04	0.3	90	0.3	118
125	KML 36+50N 05+25E	3.2	0.2	3.67	6.3	98.5	0.16	0.17	0.81	7.9	23.0	11.0	4.13	8.5	65	0.03	4.5	0.23	203	1.12	0.039	15.0	1027	8.83	0.04	0.18	1.9	0.5	16.5	0.06	1.6	0.040	0.04	0.3	64	0.3	200
126	KML 36+50N 05+50E	3.0	0.4	2.19	4.6	159.5	0.46	0.57	0.59	13.0	21.0	34.8	2.68	8.4	60	0.04	15.5	0.46	650	0.75	0.047	29.2	472	19.10	0.06	0.40	2.4	1.1	52.5	0.04	0.9	0.107	0.08	0.8	52	0.1	227
127	KML 36+50N 05+75E	4.0	0.4	2.59	13.5	119.0	0.36	0.24	0.57	7.1	29.0	19.2	5.73	11.3	75	0.03	6.5	0.23	191	2.06	0.034	16.0	1190	13.29	0.02	0.58	1.8	0.5	23.0	0.16	1.3	0.028	0.06	0.3	86	0.4	216
128	KML 36+50N 06+00E	4.0	0.2	3.90	5.5	97.0	0.16	0.14	0.83	12.1	29.0	12.8	4.18	8.6	60	0.03	5.5	0.21	300	1.12	0.031	23.8	2784	11.66	0.02	0.24	2.3	0.3	10.5	0.06	2.0	0.035	0.06	0.4	62	0.4	343
129	KML 36+50N 06+25E	2.8	0.3	1.93	8.1	145.0	0.18	0.13	0.54	8.1	24.0	18.9	3.65	7.2	30	0.03	6.0	0.22	156	1.04	0.031	21.6	857	14.64	<0.02	0.36	1.6	0.2	13.5	0.06	1.6	0.041	0.04	0.2	54	0.3	174
130	KML 36+50N 06+50E	6.4	0.1	2.40	9.0	63.0	0.16	0.07	0.34	11.2	24.5	57.9	2.92	5.3	55	0.02	6.5	0.47	473	0.80	0.032	35.9	900	10.67	<0.02	0.46	3.2	0.4	6.5	0.08	2.5	0.029	0.04	0.6	42	0.2	122
131	KML 36+50N 06+75E	15.4	0.2	4.03	9.4	84.5	0.20	0.07	0.16	12.0	34.0	29.0	4.14	8.7	70	0.03	4.5	0.32	300	2.06	0.035	28.1	1279	13.10	0.04	0.50	2.5	0.4	6.0	0.10	2.5	0.024	0.08	0.5	60	0.5	107
132	KML 36+50N 07+00E	5.0	0.2	3.05	6.5	74.0	0.20	0.07	0.17	7.2	25.0	18.8	3.63	7.9	110	0.02	6.0	0.22	343	0.82	0.032	16.2	1156	11.59	0.02	0.28	2.1	0.3	6.5	0.06	1.9	0.005	0.08	0.3	56	0.3	110
133	KML 36+50N 00+25W	2.0	0.1	1.80	11.6	49.5	0.16	0.12	0.34	4.8	15.5	8.2	3.81	9.1	100	0.02	5.0	0.11	215	11.67	0.031	7.0	723	11.60	0.02	0.30	1.3	0.3	8.5	0.04	1.0	0.037	0.04	0.3	72	0.4	59
134	KML 36+50N 00+50W	2.4	0.3	3.21	5.4	49.0	0.12	0.06	0.38	6.5	18.5	15.0	2.97	7.3	75	0.03	5.5	0.20	194	1.52	0.037	13.9	834	8.55	0.06	0.18	3.0	0.7	5.0	0.04	2.1	0.060	0.04	0.7	52	0.5	164
135	KML 36+50N 00+75W	2.4	0.3	2.73	5.2	45.0	0.18	0.07	0.55	4.1	18.5	13.7	4.57	11.0	75	0.02	4.5	0.16	134	2.27	0.033	16.2	494	13.41	0.02	0.38	1.7	0.3	6.5	0.06	1.6	0.049	0.04	0.3	76	0.4	123
136	KML 36+50N 01+00W N/S																																				

QC DATA:

Repeat:

Et #.	Tag #	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zr ppm
1	KML 35+00N 00+00E	8.6	0.2	2.38	9.3	51.5	0.28	0.08	0.09	3.9	20.0	15.6	3.43	8.4	<5	0.03	6.5	0.17	132	1.49	0.034	10.5	682	12.33	0.04	0.52	2.1	0.3	8.0	0.10	1.8	0.014	0.06	0.3	62	0.4	61
10	KML 35+00N 02+25E	7.9	0.4	2.64	9.5	78.5	0.30	0.09	0.39	8.3	24.5	23.5	3.77	7.7	<5	0.03	5.5	0.28	458	2.70	0.037	20.2	1067	16.02	0.04	0.40	2.4	0.3	9.5	0.12	1.9	0.032	0.08	0.4	68	0.4	91
12	KML 35+00N 02+75E	227.4																																			
19	KML 35+00N 04+50E	4.8	0.3	3.09	7.1	63.5	0.18	0.10	0.16	4.1	26.5	15.7	4.02	8.0	<5	0.03	5.5	0.19	217	0.88	0.043	11.3	1219	10.71	0.06	0.26	2.6	0.4	14.0	0.04	2.0	0.017	0.08	0.3	70	0.4	58
28	KML 35+00N 00+50W	2.0	0.1	1.59	3.6	68.5	0.22	0.07	0.21	4.4	15.5	5.5	4.33	12.1	<5	0.02	7.0	0.06	237	1.92	0.032	3.8	699	23.96	0.06	0.30	1.2	0.2	7.5	0.06	1.1	0.136	0.04	0.3	78	0.3	65
36	KML 35+50N 00+25E	12.6	0.5	2.76	11.6	62.5	0.34	0.07	0.29	6.6	23.5	13.4	4.27	9.3	<5	0.03	5.5	0.22	200	3.51	0.035	14.5	838	15.71	0.06	0.54	2.0	0.3	8.0	0.10	1.9	0.053	0.06	0.4	68	0.4	116
38	KML 35+50N 00+75E	423.2																																			
45	KML 35+50N 02+50E	4.0	0.2	3.37	8.9	96.0	0.24	0.09	0.62	5.7	24.0	16.9	4.52	10.2	<5	0.03	5.5	0.25	207	3.19	0.034	16.6	840	13.30	0.08	0.36	2.8	0.3	9.0	0.08	2.3	0.024	0.06	0.4	72	0.4	118
54	KML 35+50N 04+75E	3.4	0.1	1.59	3.7	94.5	0.26	0.13	0.06	11.0	17.0	12.1	2.78	8.9	<5	0.02	7.0	0.37	320	1.91	0.036	18.4	332	10.28	0.06	0.20	2.1	0.2	17.0	0.04	1.0	0.041	0.06	0.4	48	0.4	77
63	KML 35+50N 07+00E	2.8	0.1	1.68	6.8	130.5	0.20	0.20	0.58	13.6	23.0	13.6	2.93	6.4	<5	0.05	7.0	0.34	439	0.59	0.035	27.0	1311	14.26	0.06	0.28	2.0	0.2	25.5	0.06	1.7	0.009	0.06	0.3	42	0.2	271
71	KML 36+00N 00+00E	9.6	0.2	3.64	7.8	47.5	0.26	0.09	0.19	5.8	28.0	18.4	4.38	8.9	90	0.03	5.0	0.25	296	1.46	0.035	16.1	1460	13.44	0.04	0.32	2.6	0.4	6.5	0.08	2.2	0.008	0.08	0.4	72	0.4	79
75	KML 36+00N 01+00E	223.7																																			
80	KML 36+00N 02+25E	6.5	0.1	1.38	3.5	48.0	0.16	0.08	0.29	5.3	11.3	11.0	2.08	4.3	53	0.01	3.0	0.16	148	2.79	0.019	10.6	369	9.75	0.01	0.17	1.3	0.2	6.0	0.02	0.9	0.012	0.03	0.3	35	0.2	63
89	KML 36+00N 04+50E	2.8	0.3	3.13	6.7	73.0	0.22	0.09	0.21	6.9	25.0	11.6	5.59	12.3	70	0.02	7.5	0.12	148	1.28	0.035	11.2	1902	12.76	0.06	0.26	2.1	0.6	9.5	0.06	1.8	0.019	0.04	0.4	80	0.5	125
98	KML 36+00N 06+75E	2.2	0.1	3.12	7.8	84.0	0.16	0.07	0.18	11.5	27.0	33.6	3.43	7.0	55	0.03	4.5	0.51	529	0.87	0.032	34.2	1172	10.17	0.02	0.34	4.1	0.4	7.0	0.06	2.0	0.031	0.06	0.5	54	0.3	111
106	KML 36+50N 00+50E	73.2	0.3	3.34	212.3	73.0	0.42	0.11	0.66	6.5	27.5	43.7	4.67	8.6	70	0.03	5.5	0.31	170	17.55	0.035	22.0	518	47.63	0.04	4.68	2.6	0.4	9.0	0.18	2.6	0.024	0.06	0.4	70	0.5	157
115	KML 36+50N 02+75E	86.2	0.6	1.58	16.9	72.5	2.76	0.17	1.15	4.8	10.5	24.0	4.95	9.4	45	0.02	5.0	0.09	167	4.09	0.033	2.9	406	58.96	0.02	1.12	1.2	0.2	17.5	0.54	0.9	0.010	0.06	0.3	78	1.2	130
115	KML 36+50N 02+75E	46.9																																			
124	KML 36+50N 05+00E	2.4	0.3	2.82	8.5	65.0	0.12	0.18	0.36	9.5	22.0	15.5	3.97	5.6	35	0.03	3.5	0.36	282	0.52	0.036	17.9	1486	8.22	0.02	0.18	2.2	0.3	12.5	0.04	2.1	0.041	0.04	0.3	84	0.3	109
133	KML 36+50N 00+25W	1.6	0.1	1.92	13.1	55.5	0.18	0.13	0.30	5.3	18.0	8.8	3.95	10.3	105	0.02	5.5	0.12	232	13.08	0.035	8.1	767	12.62	<0.02	0.34	1.6	0.3	9.5	0.06	1.1	0.039	0.06	0.3	82	0.5	61

Standard:

Standard	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sr ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zr ppm
OXE74a	312.6	0.6	1.61	1.1	69.5	0.02	0.79	0.03	18.2	51.5	24.5	2.98	5.9	<5	0.36	12.0	1.37	468	1.63	0.654	71.5	984	8.11	0.02	0.02	1.1	0.3	169.5	0.06	1.6	0.408	0.02	0.6	50	0.1	39
OXE74a	309.8	0.6	1.52	1.3	66.5	0.02	0.77	0.03	18.3	51.0	25.2	2.96	5.9	<5	0.35	12.0	1.30	468	1.68	0.620	71.9	958	8.75	0.04	0.04	1.1	0.2	174.0	0.06	1.9	0.404	0.04	0.7	46	0.1	41
OXE74a	298.2	0.5	1.70	1.4	70.0	<0.02	0.79	0.02	17.2	52.0	28.5	2.90	5.6	<5	0.40	11.5	1.40	451	1.76	0.648	74.8	988	9.00	0.02	0.02	1.6	0.2	170.5	0.06	1.6	0.394	0.02	0.6	48	0.2	43
OXE74a	303.8	0.4	1.50	1.4	69.6	<0.02	0.82	0.03	18.9	50.0	26.8	2.97	5.9	<5	0.36	12.0	1.33	454	1.82	0.638	69.5	987	9.44	0.02	0.04	1.2	0.2	162.0	0.06	1.7	0.391	0.04	0.6	46	0.1	40

Aqua Regia Digest/ICPMS Finish

NM/nw
df/msr517AuAS/msr517AuBS
XLS/09

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

Appendix VI – Bedrock Geologic Mapping

6.1 – Station Locations and Descriptions

6.1 Station Locations and Descriptions

Station #	Date	Station Type	Location Method	UTM Datum	UTM Zone	UTM E	UTM N	GPS Accuracy	Description
AHKMG071	26-Aug-09	outcrop	GPS	NAD83	9	500248	6072742	14	o/c of lithic arenite close to anomalous soil value, 2% lithics
AHKMG072	26-Aug-09	outcrop	GPS	NAD83	9	500324	6072701	10	o/c of grey-green litic areanite/greywacke. Right at location of K053 04+25W. Right in the middle of cliff zone, very poor soil and little overburden
AHKMG073	26-Aug-09	subcrop	GPS	NAD83	9	500418	6072442	25	subcrop of oxidized qtz vein breccia with iron fluid filling, 5-10% blebby py, 7 m downstream from K053 00+00
AHKMG074	27-Aug-09	outcrop	GPS	NAD83	9	504789	6068151	3	2 m wide diorite dyke in seds, trending 125deg
AHKMG075	27-Aug-09	outcrop	GPS	NAD83	9	504813	6068244	9	7 cm wide atz vein with 5 cm qtz replcaement envelopes, vn has purple colour. Small 1.5 m dyke running through station trending 345
AHKMG076	27-Aug-09	float	GPS	NAD83	9	504360	6068395	9	subcrop of qtz vein and associated alteration, with 3% sulphides, ga-py-cpy+/-bn, in close proximity to intrusive dykes
AHKMG077	27-Aug-09	outcrop	GPS	NAD83	9	504326	6068381	13	o/c of drusy qtz veining in rusty lithic arenite unit, veins contain up to 10% ga-py-aspy
AHKMG078	27-Aug-09	outcrop	GPS	NAD83	9	504316	6068555	9	qtz vn in lithic arenite close proximal to intrusive dyke, envelopes contain drusy vnts and more abundant limonite in vns
AHKMG079	29-Aug-09	outcrop	GPS	NAD83	9	500630	6070896	8	qtz vn in qtz monzonite with 3% py+/-cpy
AHKMG080	31-Aug-09	outcrop	GPS	NAD83	9	501714	6070773	5	large o/c of qtz monzonite stock, no veining present
AHKMG081	31-Aug-09	outcrop	GPS	NAD83	9	501568	6070951	11	on top of large cliff o/c of qtz monzonite stock
AHKMG082	01-Sep-09	outcrop	GPS	NAD83	9	504608	6067966	5	sample 10 cm wide, 6 cm deep, 40 cm long, veining as 1 cm stockwork with 3 cm vns, contains fg 3% py+/-aspy, right at sample CGKMV062

AHKMG083	05-Sep-09	subcrop	GPS	NAD83	9	504605	6067946	6	40 cm long, 10 cm wide and 6 cm deep sample, not outcrop but in subcrop zone, veining as breccia, stockwork and 3-5 cm veins, contains 2% ga-py+/-aspy
AHKMG084	05-Sep-09	subcrop	GPS	NAD83	9	504603	6067943	8	30 cm long, 10 cm wide, 7 cm deep sample, not outcrop, 2% sulphides in veining, right at sample JSKMR133
AHKMG085	05-Sep-09	outcrop	GPS	NAD83	9	504640	6067825	6	80 cm long, 10 cm wide, 4 cm deep sample, across 0.5 m qtz vein zone, qtz veining contains 2% aspy, right at samples TTKMR003-005
AHKMG086	05-Sep-09	outcrop	GPS	NAD83	9	504233	6068941	9	big qtz diorite dyke, 20 m, with 170 orientation, minor barren qtz veining in dyke
AHKMG087	05-Sep-09	outcrop	GPS	NAD83	9	504443	6068970	18	15 m wide qtz diorite dyke, 050 orientation
AHKMG088	05-Sep-09	outcrop	GPS	NAD83	9	504363	6069206	7	o/c of qtz monzonite stock, contatct with seds seems to be irregular and very different from the existing geology.

Appendix VII – Geophysical Report by SJ Geophysics

Logistics Report

for

Eagle Plains Resources Ltd.

3D Induced Polarization Survey

on the

Kalum property

Terrace, British Columbia, Canada

54.73° N   128.81° W (WGS84)

Mining Zone: SKEENA

NTS map sheet: 103I10

BCGS TRIM map sheet: 103I076

Survey Conducted by
SJ Geophysics Ltd.
October 2009

Report Written by
Rolf Krawinkel
S.J.V. Consultants Ltd.
November 2009

Table of Contents

Illustration Index

1. Introduction

A three-dimensional induced polarization (3DIP) survey was conducted on the Kalum property for Eagle Plains Resources Ltd. The ground geophysical program, totaling ~4Km of cut lines, was surveyed by SJ Geophysics Ltd. in October 2009. This survey was an addition to a previous survey, of approximately the same size, completed in August, 2008. The present portion had been planned to be done together with the previous survey but the weather at that time prevented this.

The property is located 30km north of Terrace, British Columbia, in the northeast region of the Skeena Mining district, in central BC. The Kalum property "is centered upon a Cretaceous-age stock of the Coast Crystalline Complex that has intruded Jurassic to Cretaceous-age sedimentary rocks of the Bowser Lake Group" (2005 Exploration and Geological Report for the Kalum Property, C.C. Downie, P.Geo and Chris Gallagher, M.Sc.). The property has been extensively explored since 1919 with soil sampling, magnetic and electromagnetic surveys and diamond drill programs. The 2004 and 2005 drilling programs revealed encouraging results of high grade gold and silver in vein type structures and that is the reason for this 3DIP survey at a detail spacing of 25m stations on 50m separated lines.

Initial data processing and quality control were performed on site by the field crew. The final QC and inversion interpretation were completed by S.J.V. Consultants Ltd. This logistical report summarizes the operational aspects of the survey and the survey methodologies used; it does not discuss any interpretation of the results of the geophysical survey.

2. Location and line information

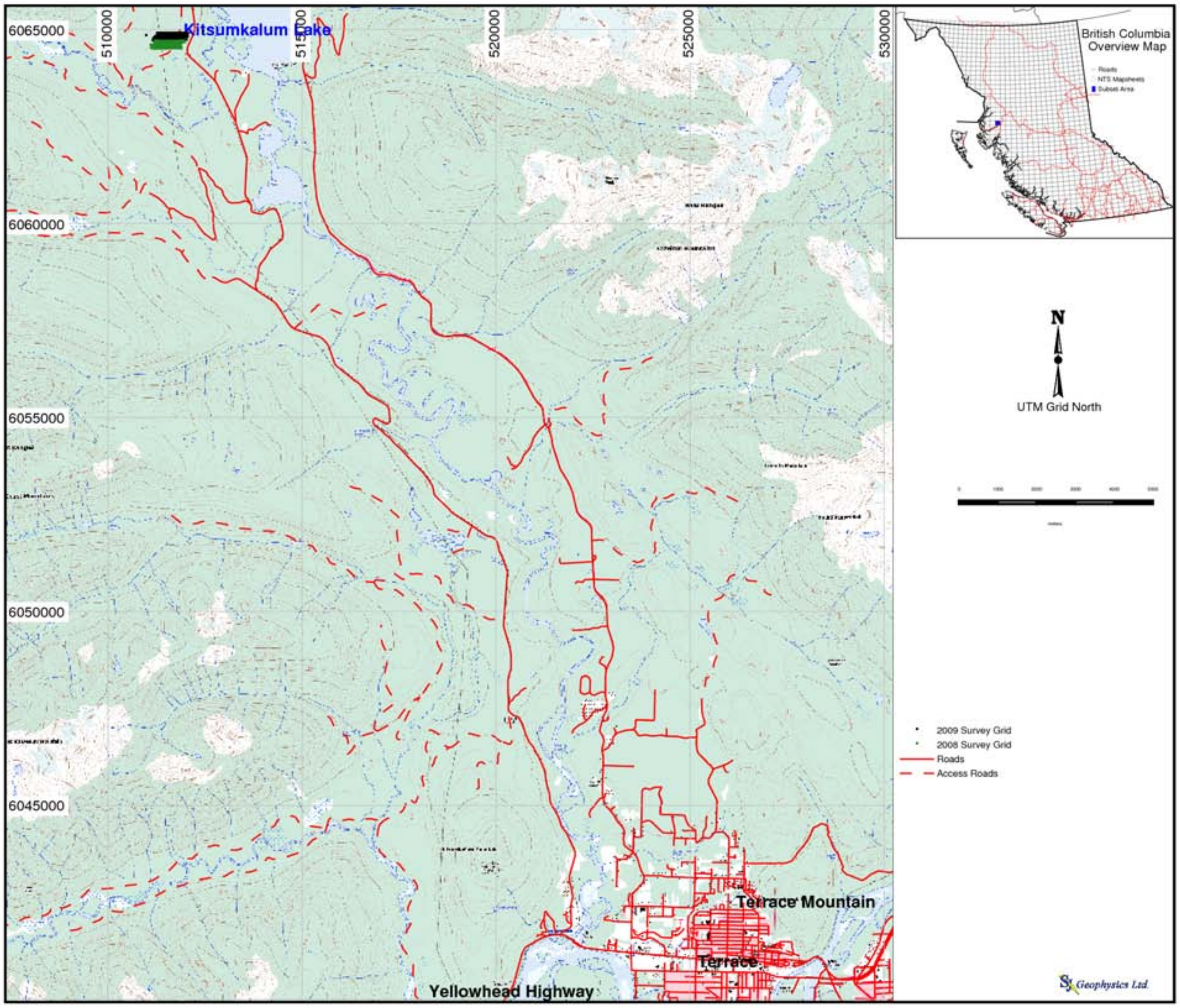


Illustration 1: Location map of the Kalum Property near Terrace

The Kalum property is located 30km north of Terrace, British Columbia (Illustration 1) and can be accessed by a major well maintained logging road, the Nass road, and represents a 45 min drive.

The lines were put in in 2008 by a line cutting crew contracted by Mountain Capital Inc.and no additional cutting was necessary when the survey resumed in 2009.

The grid was composed of 5 east-west trending cross lines spaced 50m apart and labeled L3450N to L3650N (see Illustration2 and Appendix 2). The lines varied in length from 0.8 to 0.85Km with stations marked from -200E to 700E. Stations were marked with pickets at 50m intervals and with flagging at the intermediate 25m stations. Two labeling errors were encountered on the line 3550N and these were corrected in the geophysical data. The southernmost line, 3450N, is a repeated current line from the previous survey to allow proper merging of the 2 data sets.

Gentle elevation changes were found on the grid with topographic relief of approximately 100m. The vegetation is quite dense and required cutting the lines and caused some difficulty in putting out the current remotes.

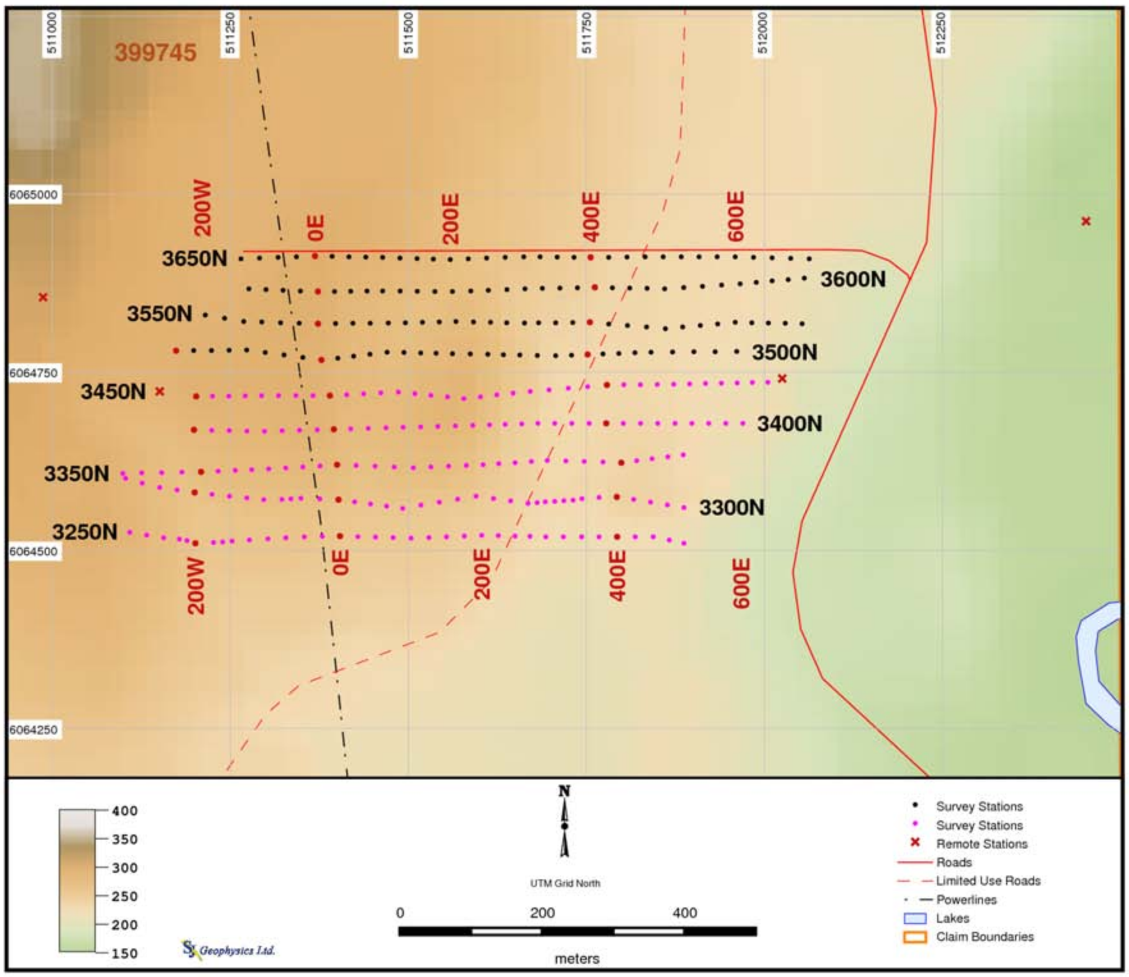


Illustration 2: Kalum grid survey map

The SJ Geophysics Ltd. crew recorded locations using hand-held GPS units and inclinometer on all lines. The accuracy of the GPS measurements was ±5m for most of the readings, however, these accuracy decreased in some areas of the grid covered of thick bush. All locations were defined in the UTM, Zone 9 projection with a datum of WGS84. The GPS and inclinometer measurements were used together with a DEM to construct the best possible set of 3D coordinates for the survey stations. Field work and instrumentation

2.1. Field logistics

The SJ Geophysics Ltd. crew consisted of 5 SJ Geophysics Ltd. employees for the time of the survey. The initial crew consisted of Rolf Krawinkel (geophysicist), Rene Poulin (operator/logistics), Liam Fowlie (logistics), Morgan Bezembinder, Shane Thomas and Vernon Prince (technicians). The crew mobilized from Merritt, BC, on Friday Oct. 09 with all the equipment in 2 trucks to arrive in Terrace on Oct. 10. The crew stayed at the Evergreen Inn Motel on the outskirts of Terrace close to the beginning of the Nass road. Oct. 11 was used to locate the survey site and set out the majority of current wires. Rolf arrived on Oct. 12, 2009 to supervise the taking of the geophysical measurements and overlapped this day with Morgan who left for another project this evening. Some set up problems were experienced but 800m of current moves were achieved on this first survey day. On Oct. 13 the weather cooperated and allowed a very big day of more than 1600m of current moves. The measurements were completed on Oct. 14 with a final 800m of current moves and then the pick up of all the equipment. 2 days were needed to complete the demobilization to Delta, BC, on Oct. 16.

2.2. Survey parameters and instrumentation

The 3DIP survey was implemented using a modified pole-dipole array with 16, 25m dipoles. The dipole array was implemented using standard 8 conductor cables configured with potential takeouts spaced 50m apart and the excess cable was left laying on the ground (survey involving 25m dipoles are too rare to make cables with 25m takeouts). For the potential line, the electrodes consisted of single 3/8" stainless steel electrodes 50cm long. The IP data was collected using the SJ Geophysics Ltd. SJ-24 full waveform digital IP receiver.

The current was injected into the ground on a 2 seconds on, 2 seconds off duty cycle using an IRIS Instruments VIP4000 transmitter powered by a Honda generator. At each current station, the electrodes consisted of two 5/8" stainless steel rods approximately 1m long. Current injections were spaced every 25m along the two lines adjacent to the receiver line. Two remote current sites were used and these were placed off the ends of the lines so that in approximate grid coordinates they were at L3599N/1300E (East Remote) and L3601N/-400E (West Remote). The East Remote was used when injecting current in the western half of the grid while the West Remote was used when the current was injected in the eastern half of the grid, so that the current flow was beneath the largest portion of the survey lines. There was a significant sized powerline running through the grid just west of the baseline (coordinate0E), this caused a good deal of noise and dictated the use of the East Remote for more of the readings. This powerline noise was monitored and recorded and all efforts were made to minimize it's effect.

The IP readings from each day's surveying were downloaded to a computer and entered into a database archive every evening. The database program allows the operator to display the IP decay curves in an efficient manner, and this provides a visual review of the data quality on site.

Appendix 3 summarizes the specifications of the instruments used in the field.

3. Geophysical techniques

3.1. IP method

The time domain IP technique energizes the ground with an alternating square wave pulse via a pair of current electrodes. During current injection, the apparent (bulk) resistivity of the ground is calculated from the measured primary voltage and the input current. Following current injection, a time decaying voltage is also measured at the receiver electrodes. This IP effect measures the amount of polarizable (or "chargeable") materials in the subsurface rock.

Under ideal circumstances, high chargeability corresponds to disseminated metallic sulfides. Unfortunately, IP responses are rarely uniquely interpretable as other rock materials are also chargeable, including some graphitic rocks, clays and some metamorphic rocks (e.g., serpentinite). Therefore, it is prudent from a geological perspective to incorporate other data sets to assist in interpretation.

IP and resistivity measurements are generally considered repeatable to within about five percent. However, changing field conditions, such as variable water content or electrode contact, reduce the overall repeatability. These measurements are influenced to a large degree by the rock materials near the surface (or, more precisely, near the measuring electrodes). In the past, interpretation of a traditional IP pseudosection was often uncertain because strong responses located near the surface could mask a weaker one at depth.

3.2. 3DIP method

Three dimensional IP surveys were designed to take advantage of the interpretative functionality offered by 3D inversion techniques. Unlike conventional IP, the electrode arrays are no longer restricted to an in-line geometry. In the standard 3DIP configuration, a receiver array is established along a survey line while current electrodes are located on two adjacent lines. Current electrodes are advanced along the adjacent lines at fixed increments. A typical receiver array consists of 12 to 16 dipoles separated by the same interval as the current lines or by some multiple of that interval. These spacings are sometimes modified to compensate for local conditions, such as inaccessible sites and streams, or the overall conductivity of ground. Receiver arrays are typically established on every second line. By injecting multiple current locations to a single receiver electrode array, data acquisition rates are significantly improved over conventional surveys. each station. After each day of surveying, data are downloaded to a computer for archiving and further processing

Respectfully submitted,
As per S.J.V. Consultants Ltd.

Rolf Krawinkel,
B.Sc. (Hon.) Astronomy andGeophysics), S.J.V. Consultants Ltd.

Appendix 1: Statement of Qualifications

Rolf Krawinkel

I, Rolf Krawinkel, of the city of Delta, Province of British Columbia, hereby certify that:

- I graduated from the University of British Columbia in 1981 with a B.Sc. degree in the combined Honours Astronomy and Geophysics program.
- I have practised my profession continuously since 1981.
- I have no interest in *Eagle Plains Resources Ltd.* or any of their subsidiaries or related companies, nor do I expect to receive any.

Signed by: ________________________

Rolf Krawinkel, B.Sc.Geophysicist

Appendix 2: Survey summary tables

3DIP

Line	Start station	End station	Survey length (m)	Line type	Rx survey date(s)
3450N	-200E	600E	800	Tx	
3500N	-200E	600E	800	Rx	Oct. 12-13, 2009
3550N	-150E	700E	850	Tx	
3600N	-100E	700E	800	Rx	Oct. 13-14, 2008
3650N	-100E	700E	800	Tx	

Total linear metres = 4050

Appendix 3: Instrument specifications

SJ-24 full waveform digital IP receiver

Technical:

Input impedance:	10 MΩ
Input overvoltage protection:	Up to 1000 V
External memory:	Unlimited readings
Number of dipoles:	4 to 16+, expandable
Synchronization:	Software signal post-processing user selectable
Common mode rejection:	More than 100 dB (for Rs =0)
Self potential (Sp):	Range:-5 to +5 V Resolution: 0.1 mV Proprietary intelligent stacking process rejects strong non-linear SP drifts
Primary voltage:	Range: 1 μV – 10 V (24 bit) Resolution: 1 μV Accuracy: typically <1.0%
Chargeability:	Resolution: 1 μV/V Accuracy: typically <1.0%

Four-dipole digitizer:

Dimensions (HWD):	18 x 16 x 9 cm
Weight:	1.1 kg
Battery:	12V external
Operating range:	-20 to 40°C

IRIS VIP-4000 IP Transmitter

Output power:	4000 VA maximum.
Output voltage:	3000V maximum, auto voltage range selection.
Output current:	20 ma to 5A, current regulated to better than 1 %.
Dipoles:	9, push button selected.
Output connectors:	Uniclip connectors accept bare wire or plug of up to 4 mm diameter.
Waveforms:	see figure 4.1.
Fall times:	better than 1 msec in resistive load.
Time domain:	preprogrammed on and off times from 0.25 to 8 seconds, by factor of 2. Other cycles programmable by user. Automatic circuit opening in off time.
Frequency domain:	Preprogrammed frequencies from 0.0625 Hz to 4Hz, by factor of 2. Alternate or simultaneous transmission of two frequencies. Other frequencies programmable by user.
Time and frequency stability:	0.01 % 1 PPB optional
Display:	Alphanumeric liquid crystal display.
Power source:	175 to 270 VAC, 45-450 Hz, single phase.
Operating temperature:	-40° to +50° C.
Protection:	short circuit at 20 Ω, open loop at 60 000 Ω, thermal, input overvoltage and undervoltage.
Remote control:	full duplex RS232C, 300-19 200 bps.
Dimensions (h w d):	410 x 320 x 240 m
Weight:	16kg.

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 25m Below Topography

0 100 200 300 400 500
meters

Interpreted Resistivity (ohm−m)

Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate R−1

Mapping By : S.J.V. Consultants Ltd. 11966 − 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582−1100 www.sjgeophysics.com

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 50m Below Topography

0 100 200 300 400 500
meters

Interpreted Resistivity (ohm−m)

Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate R−2

Mapping By : S.J.V. Consultants Ltd. 11966 − 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582−1100 www.sjgeophysics.com

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 75m Below Topography

0 100 200 300 400 500
meters

Mapping By : S.J.V. Consultants Ltd. 11966 − 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582−1100 www.sjgeophysics.com

Interpreted Resistivity (ohm−m)
Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate R−3

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 100m Below Topography

0 100 200 300 400 500
meters

Interpreted Resistivity (ohm−m)

Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate R−4

Mapping By : S.J.V. Consultants Ltd. 11966 − 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582−1100 www.sjgeophysics.com

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 150m Below Topography

0 100 200 300 400 500
meters

Interpreted Resistivity (ohm−m)

Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

Plate R−5

Mapping By : S.J.V. Consultants Ltd. 11966 − 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582−1100 www.sjgeophysics.com

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 200m Below Topography

0 100 200 300 400 500
meters

Interpreted Resistivity (ohm−m)

Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate R−6

Mapping By : S.J.V. Consultants Ltd. 11966 − 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582−1100 www.sjgeophysics.com

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 250m Below Topography

0 100 200 300 400 500
meters

Mapping By : S.J.V. Consultants Ltd. 11966 − 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582−1100 www.sjgeophysics.com

Interpreted Resistivity (ohm−m)
Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate R−7

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ-24 Full-Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 25m Below Topography

0 100 200 300 400 500
meters

Interpreted Chargeability (ms)

Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

Plate C-1

Mapping By : S.J.V. Consultants Ltd. 11966 - 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582-1100 www.sjgeophysics.com

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ-24 Full-Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 50m Below Topography

0 100 200 300 400 500
meters

Interpreted Chargeability (ms)

Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate C-2

Mapping By : S.J.V. Consultants Ltd. 11966 - 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582-1100 www.sjgeophysics.com

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ–24 Full–Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 75m Below Topography

0 100 200 300 400 500
meters

Interpreted Chargeability (ms)

Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate C–3

Mapping By : S.J.V. Consultants Ltd. 11966 – 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582–1100 www.sjgeophysics.com

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ-24 Full-Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 100m Below Topography

0 100 200 300 400 500
meters

Mapping By : S.J.V. Consultants Ltd. 11966 - 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582-1100 www.sjgeophysics.com

Interpreted Chargeability (ms)
Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate C-4

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ-24 Full-Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 150m Below Topography

0 100 200 300 400 500
meters

Interpreted Chargeability (ms)

Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate C-5

Mapping By : S.J.V. Consultants Ltd. 11966 - 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582-1100 www.sjgeophysics.com

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ-24 Full-Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 200m Below Topography

0 100 200 300 400 500
meters

Mapping By : S.J.V. Consultants Ltd. 11966 - 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582-1100 www.sjgeophysics.com

Interpreted Chargeability (ms)
Eagle Plains Resources Ltd.
Kalum Property
Terrace, British Columbia

Plate C-6

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ-24 Full-Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

Planmap
3D Inversion Model
Depth: 250m Below Topography

0 100 200 300 400 500
meters

Mapping By : S.J.V. Consultants Ltd. 11966 - 95A Avenue, Delta, British Columbia, V4C 3W2 (604)582-1100 www.sjgeophysics.com

Interpreted Chargeability (ms)

Eagle Plains Resources Ltd.

Kalum Property

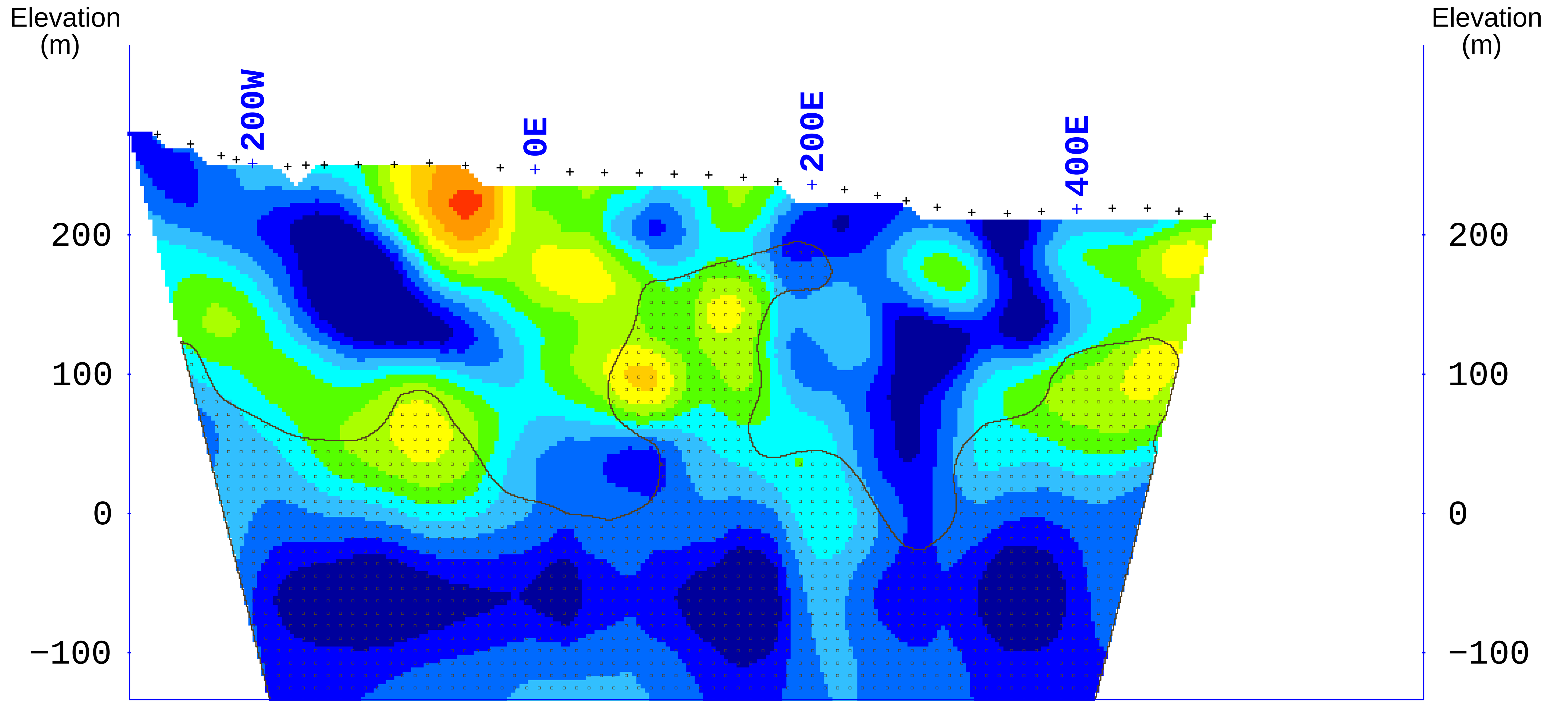
Terrace, British Columbia

Plate C-7

ohm−m

- > 32730
- 15970 − 32730
- 7790 − 15970
- 3800 − 7790
- 1850 − 3800
- 900 − 1850
- 440 − 900
- 220 − 440
- 110 − 220
- 50 − 110
- 25 − 50
- < 25

+ Survey Stations
Area of Low Model Confidence

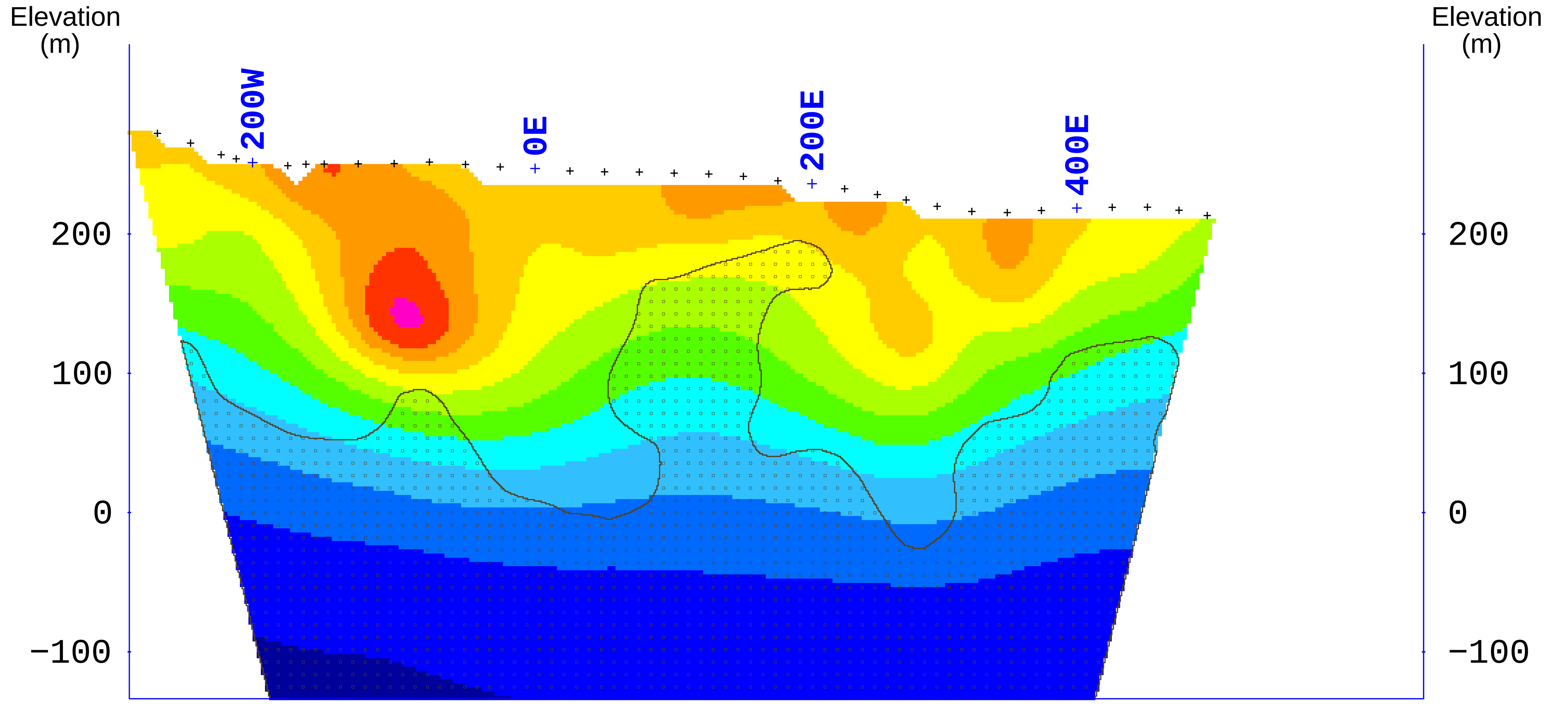


Interpreted Resistivity (ohm−m)

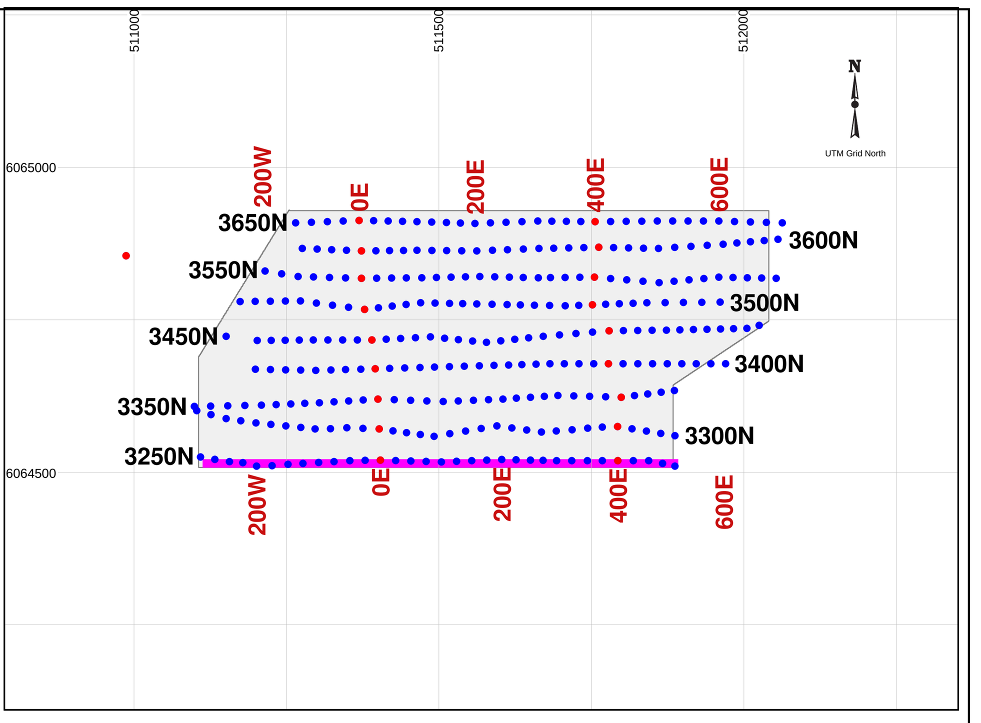
ms

- > 55
- 50 − 55
- 45 − 50
- 40 − 45
- 35 − 40
- 30 − 35
- 25 − 30
- 20 − 25
- 15 − 20
- 10 − 15
- 5 − 10
- < 5

+ Survey Stations
Area of Low Model Confidence



Interpreted Chargeability (ms)



INDEX MAP

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

0 100 200 300
meters

Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

3D Inversion Model

of

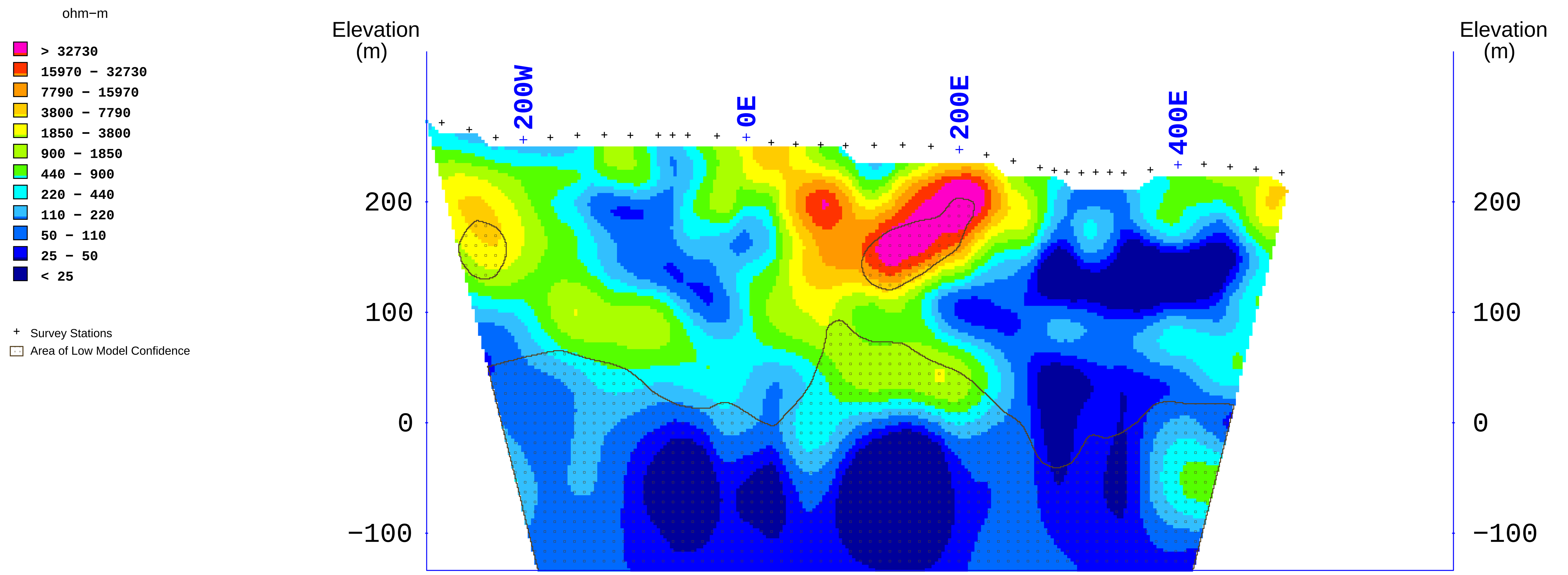
Interpreted

Resistivity & Chargeability

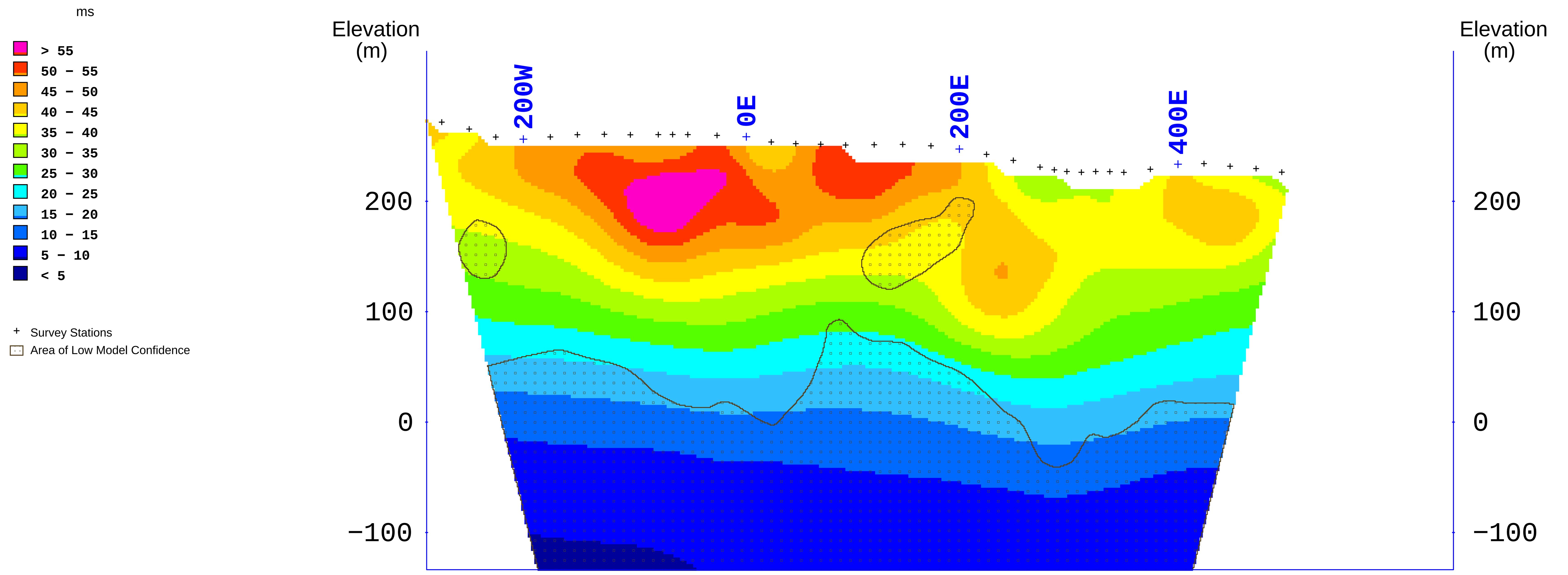
Cross Section Map

Section: 3250N

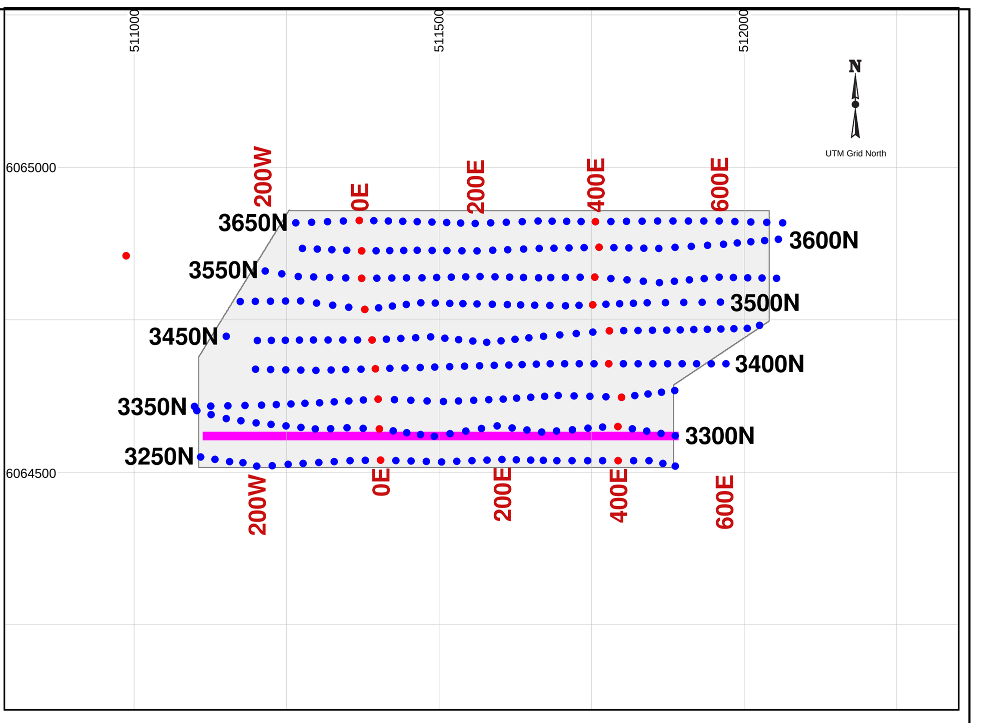
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)

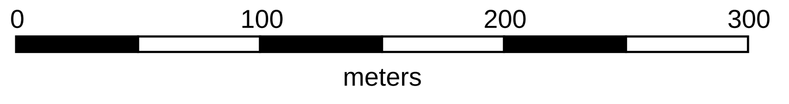


INDEX MAP

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009



Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

3D Inversion Model

of

Interpreted

Resistivity & Chargeability

Cross Section Map

Section: 3300N

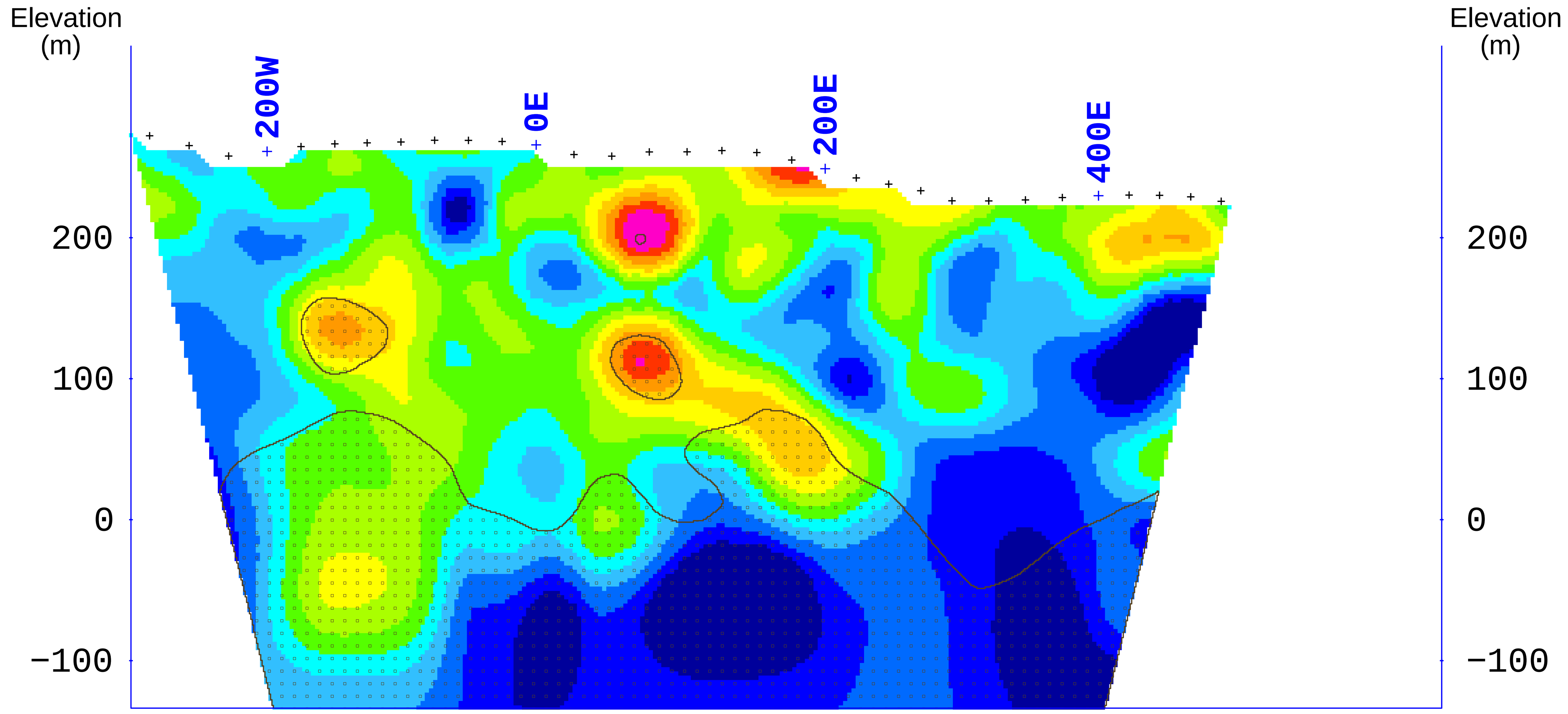
SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2 (604)582−1100 www.sjgeophysics.com

ohm−m

- > 32730
- 15970 − 32730
- 7790 − 15970
- 3800 − 7790
- 1850 − 3800
- 900 − 1850
- 440 − 900
- 220 − 440
- 110 − 220
- 50 − 110
- 25 − 50
- < 25

\+ Survey Stations
Area of Low Model Confidence

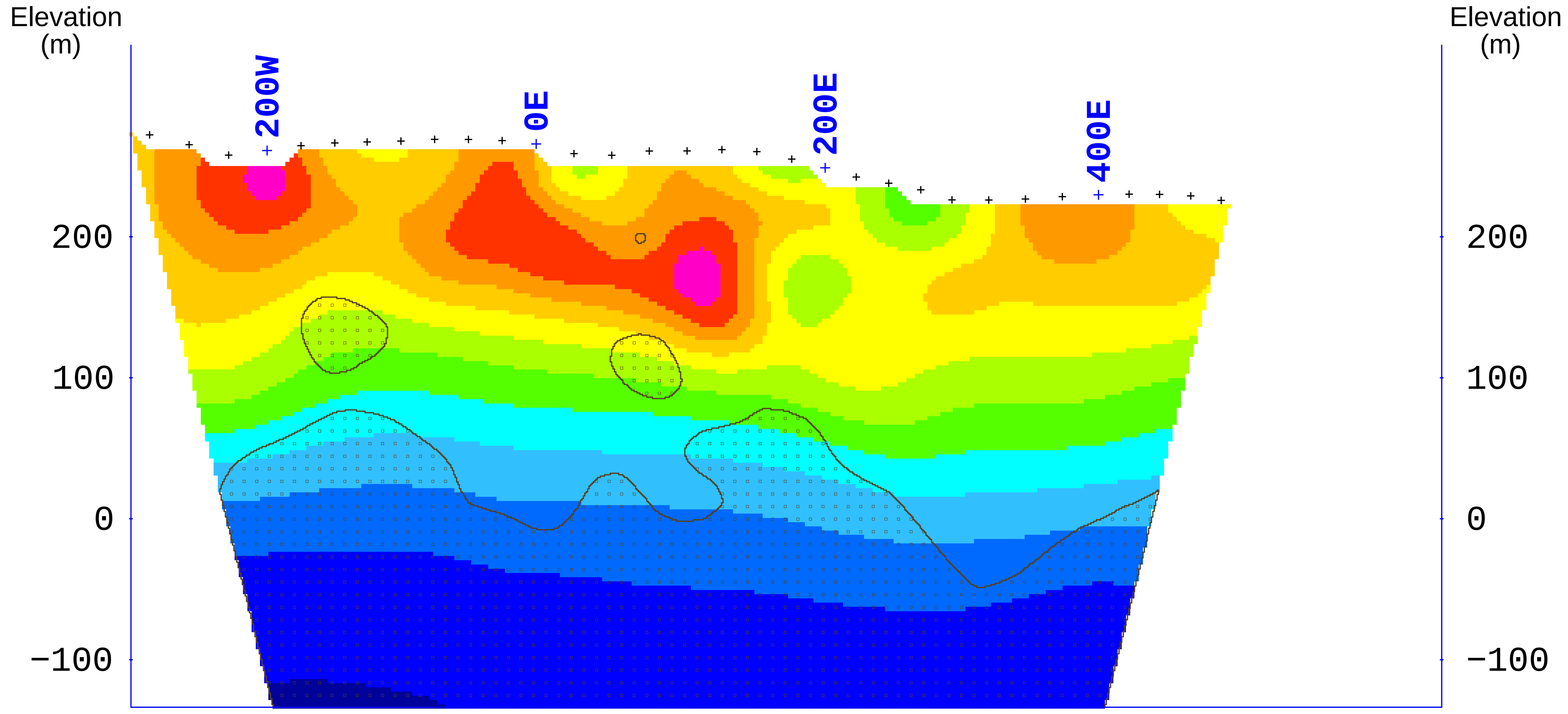


Interpreted Resistivity (ohm−m)

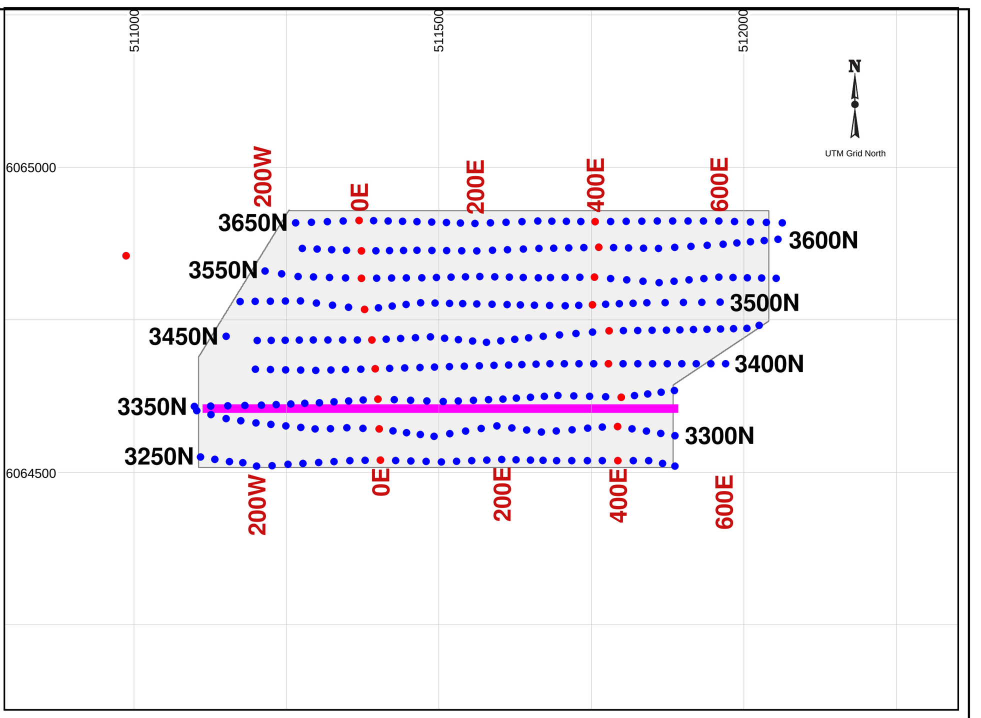
ms

- > 55
- 50 − 55
- 45 − 50
- 40 − 45
- 35 − 40
- 30 − 35
- 25 − 30
- 20 − 25
- 15 − 20
- 10 − 15
- 5 − 10
- < 5

\+ Survey Stations
Area of Low Model Confidence



Interpreted Chargeability (ms)

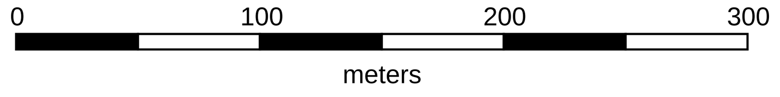


INDEX MAP

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009



Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

3D Inversion Model

of

Interpreted

Resistivity & Chargeability

Cross Section Map

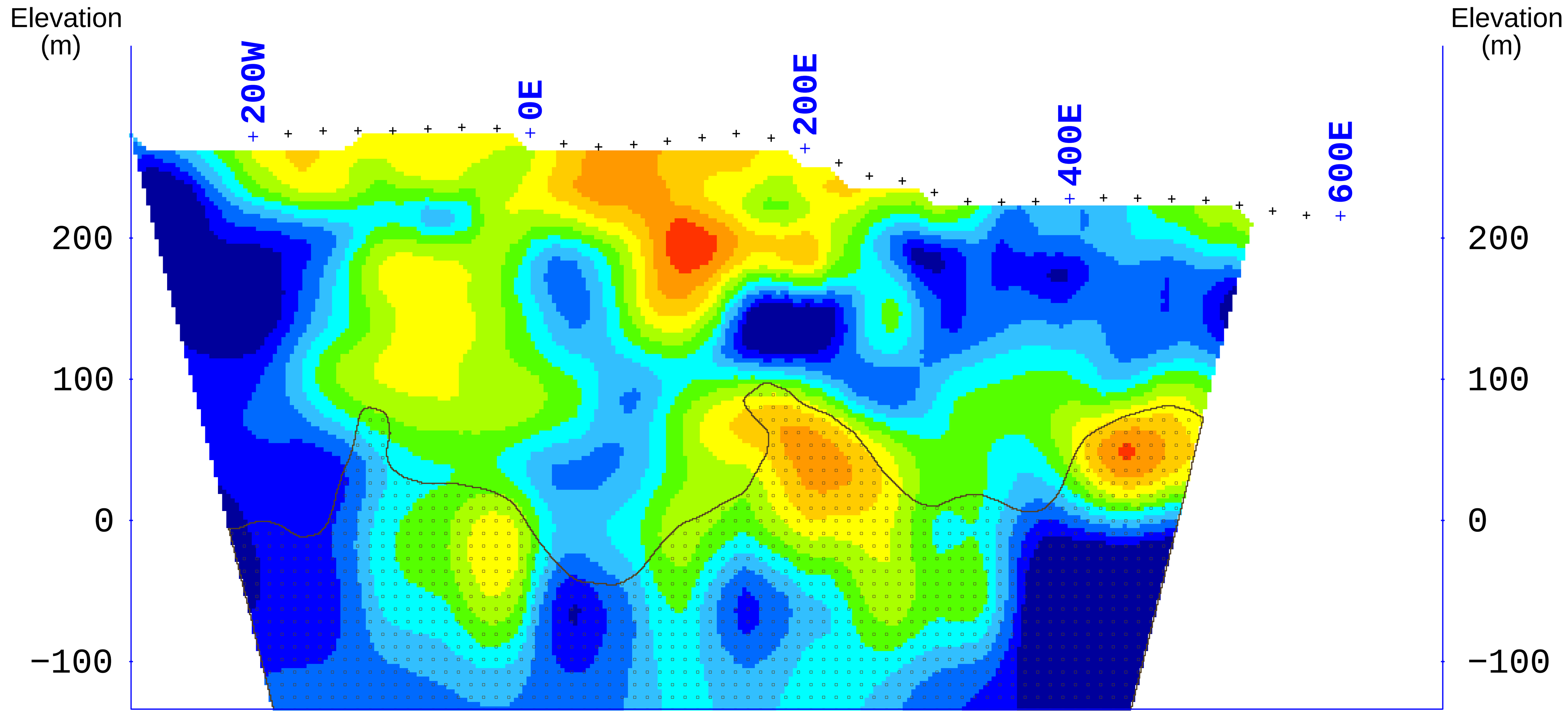
Section: 3350N

SJ Geophysics Ltd.

ohm−m

- > 32730
- 15970 − 32730
- 7790 − 15970
- 3800 − 7790
- 1850 − 3800
- 900 − 1850
- 440 − 900
- 220 − 440
- 110 − 220
- 50 − 110
- 25 − 50
- < 25

+ Survey Stations
Area of Low Model Confidence

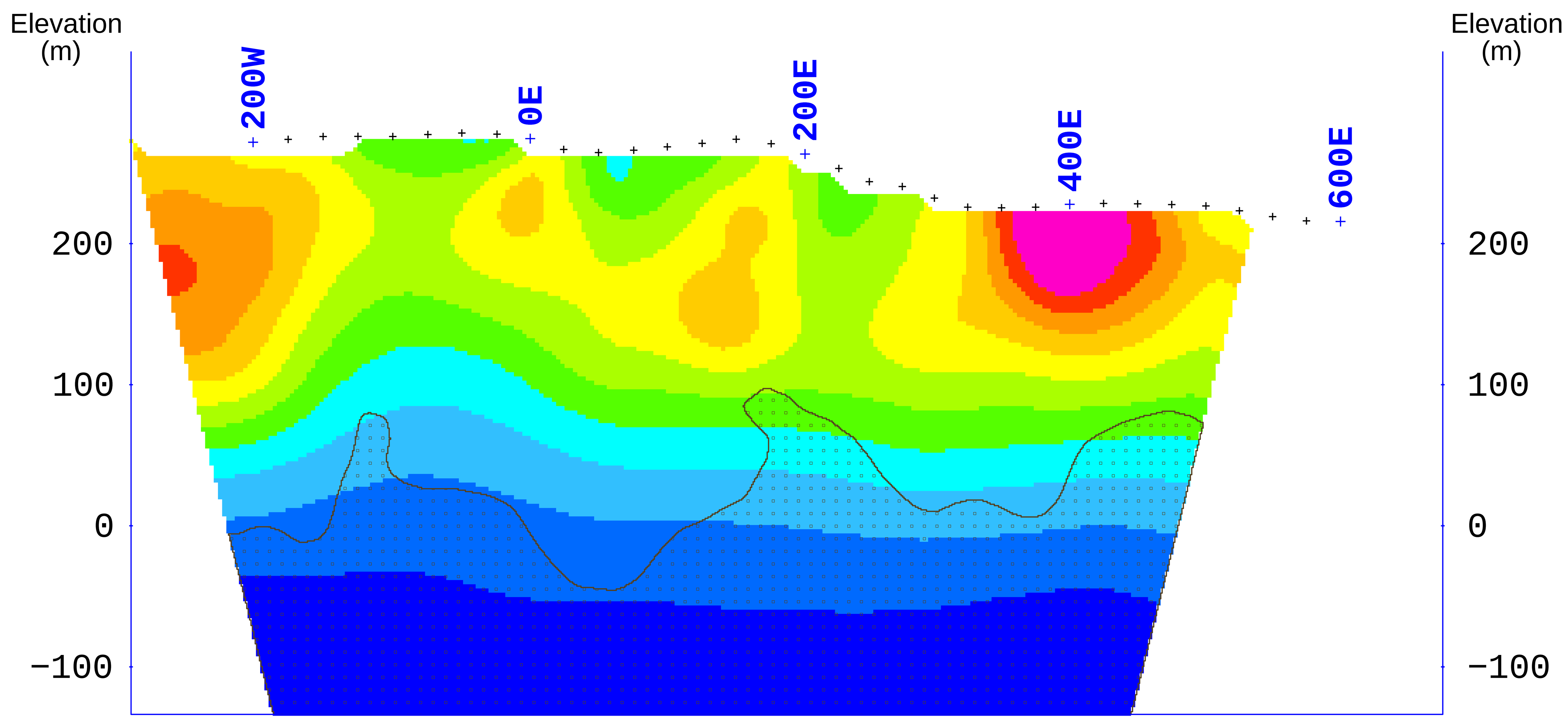


Interpreted Resistivity (ohm−m)

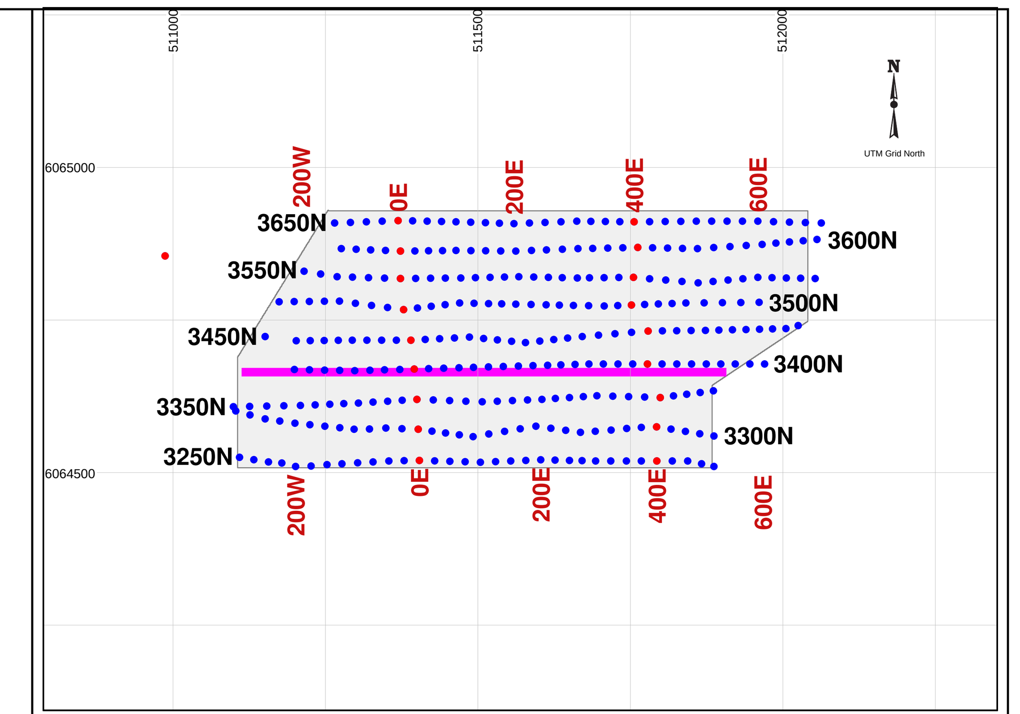
ms

- > 55
- 50 − 55
- 45 − 50
- 40 − 45
- 35 − 40
- 30 − 35
- 25 − 30
- 20 − 25
- 15 − 20
- 10 − 15
- 5 − 10
- < 5

+ Survey Stations
Area of Low Model Confidence



Interpreted Chargeability (ms)



INDEX MAP

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

0 100 200 300
meters

Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

3D Inversion Model

of

Interpreted

Resistivity & Chargeability

Cross Section Map

Section: 3400N

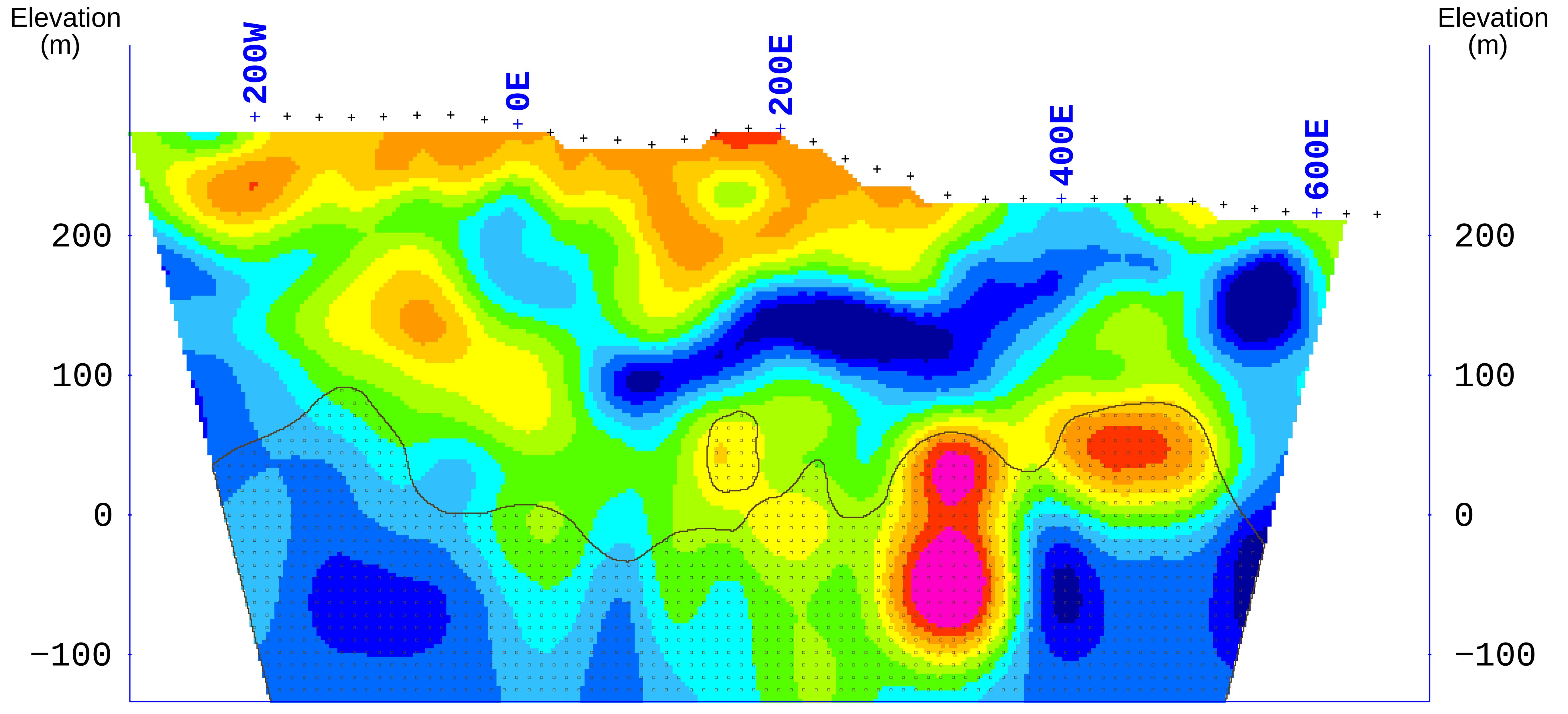
SJ Geophysics Ltd.

Mapping By : S.J.V. Consultants Ltd. 11966−95A Avenue, Delta, British Columbia, V4C 3W2 (604)582−1100 www.sjgeophysics.com

ohm−m

- > 32730
- 15970 − 32730
- 7790 − 15970
- 3800 − 7790
- 1850 − 3800
- 900 − 1850
- 440 − 900
- 220 − 440
- 110 − 220
- 50 − 110
- 25 − 50
- < 25

+ Survey Stations
Area of Low Model Confidence

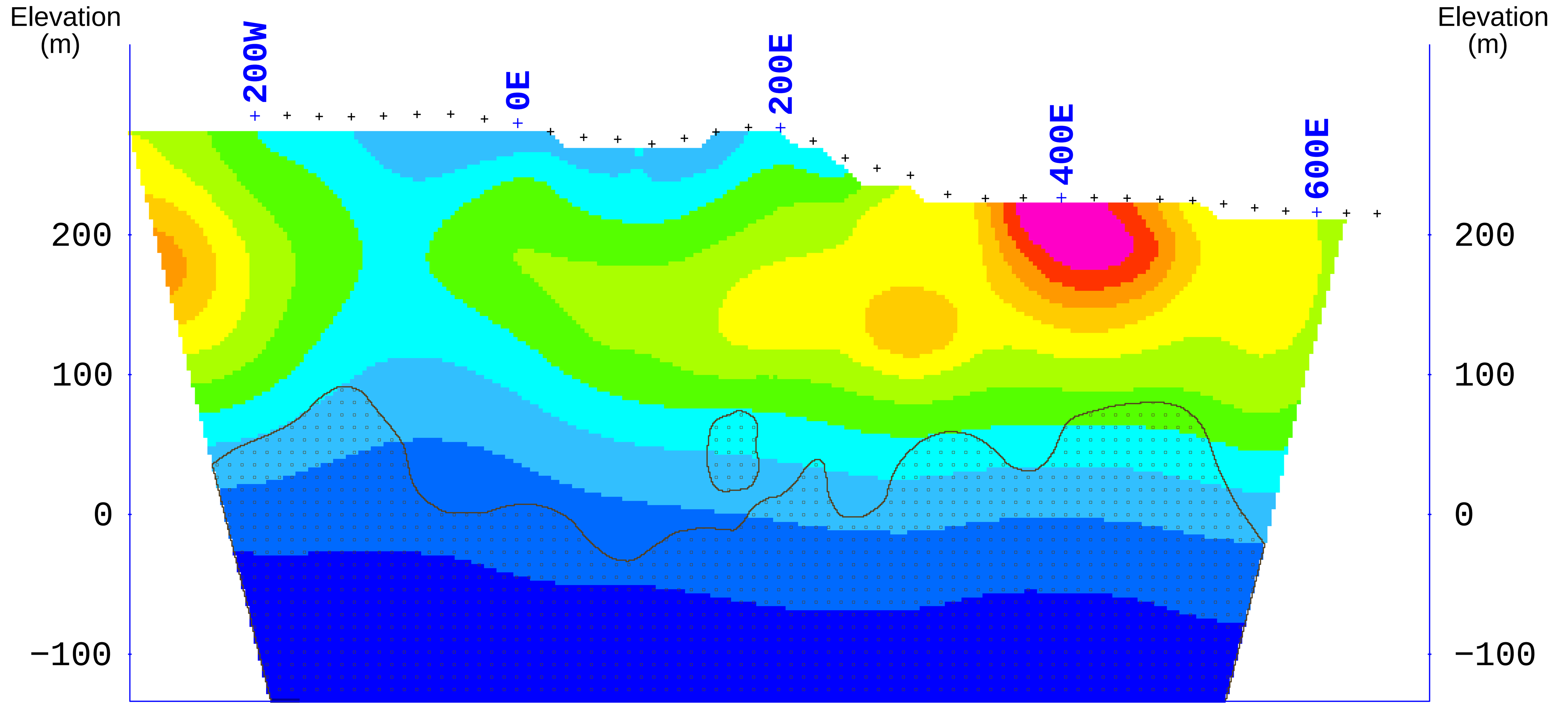


Interpreted Resistivity (ohm−m)

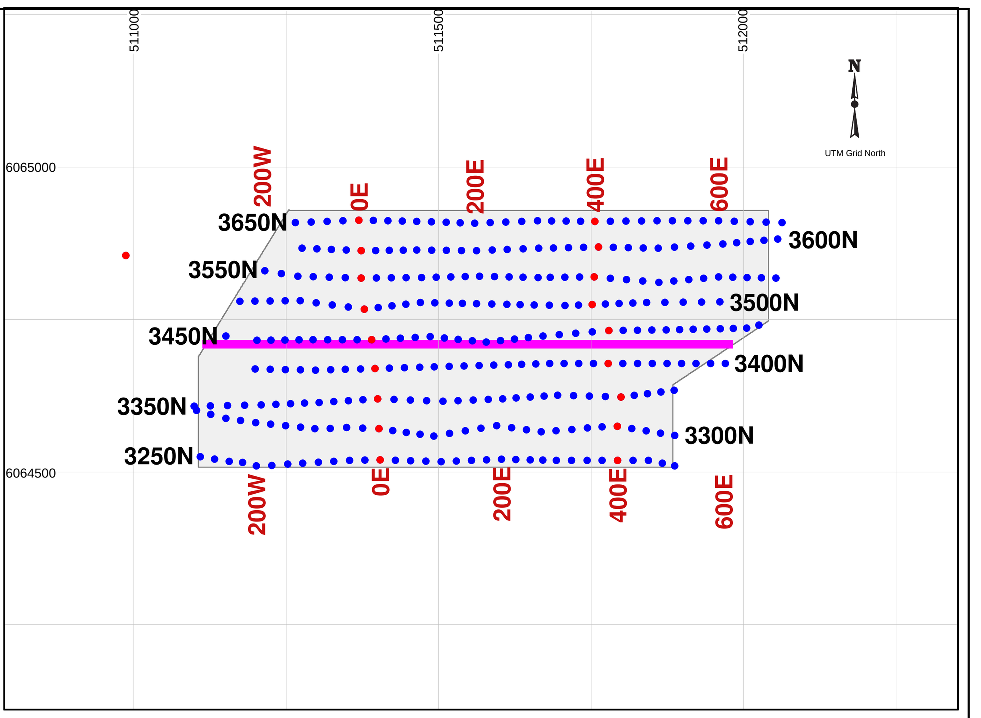
ms

- > 55
- 50 − 55
- 45 − 50
- 40 − 45
- 35 − 40
- 30 − 35
- 25 − 30
- 20 − 25
- 15 − 20
- 10 − 15
- 5 − 10
- < 5

+ Survey Stations
Area of Low Model Confidence



Interpreted Chargeability (ms)

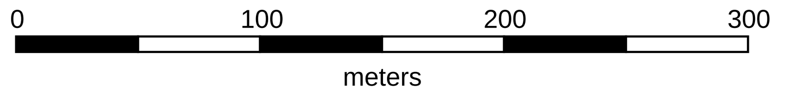


INDEX MAP

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009



Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

3D Inversion Model

of

Interpreted

Resistivity & Chargeability

Cross Section Map

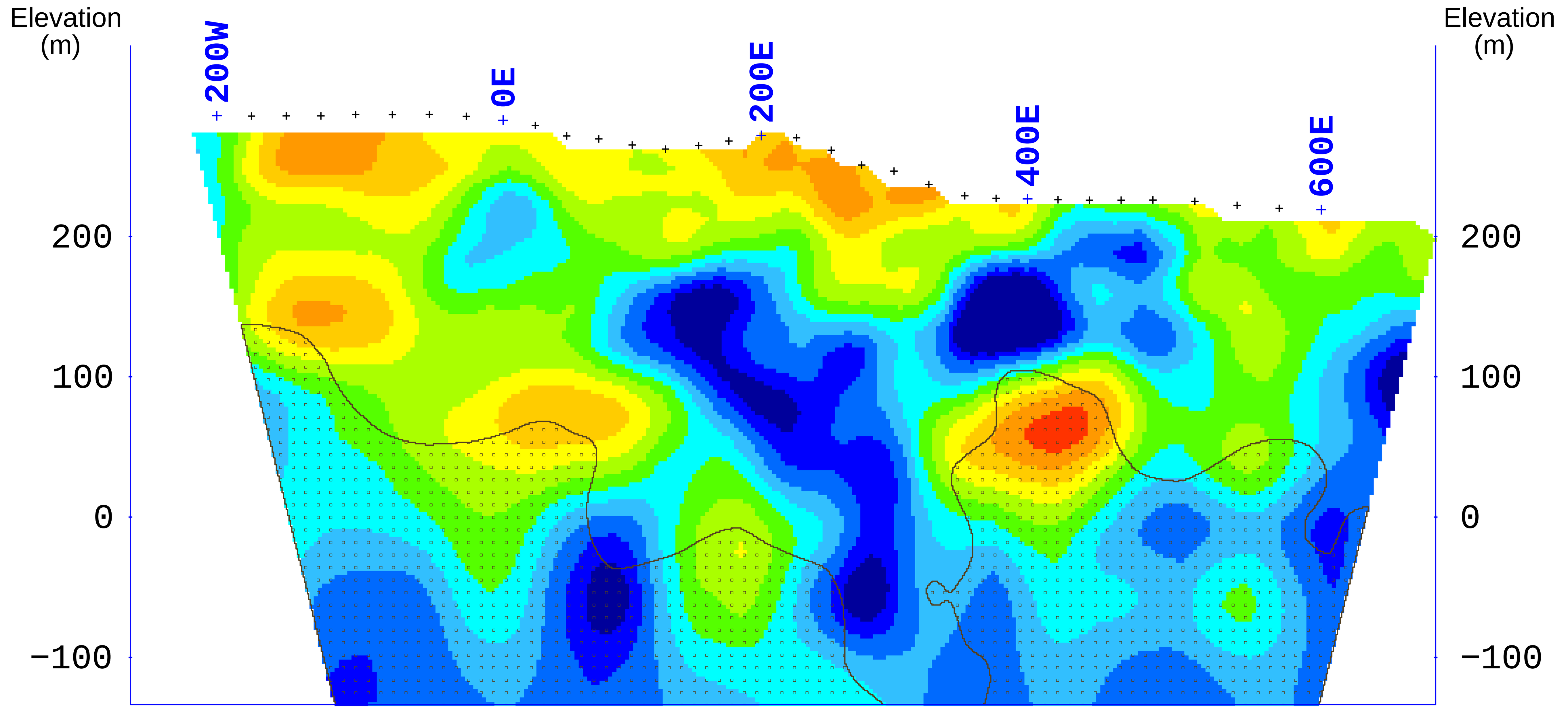
Section: 3450N

SJ Geophysics Ltd.

ohm−m

- > 32730
- 15970 − 32730
- 7790 − 15970
- 3800 − 7790
- 1850 − 3800
- 900 − 1850
- 440 − 900
- 220 − 440
- 110 − 220
- 50 − 110
- 25 − 50
- < 25

+ Survey Stations
Area of Low Model Confidence

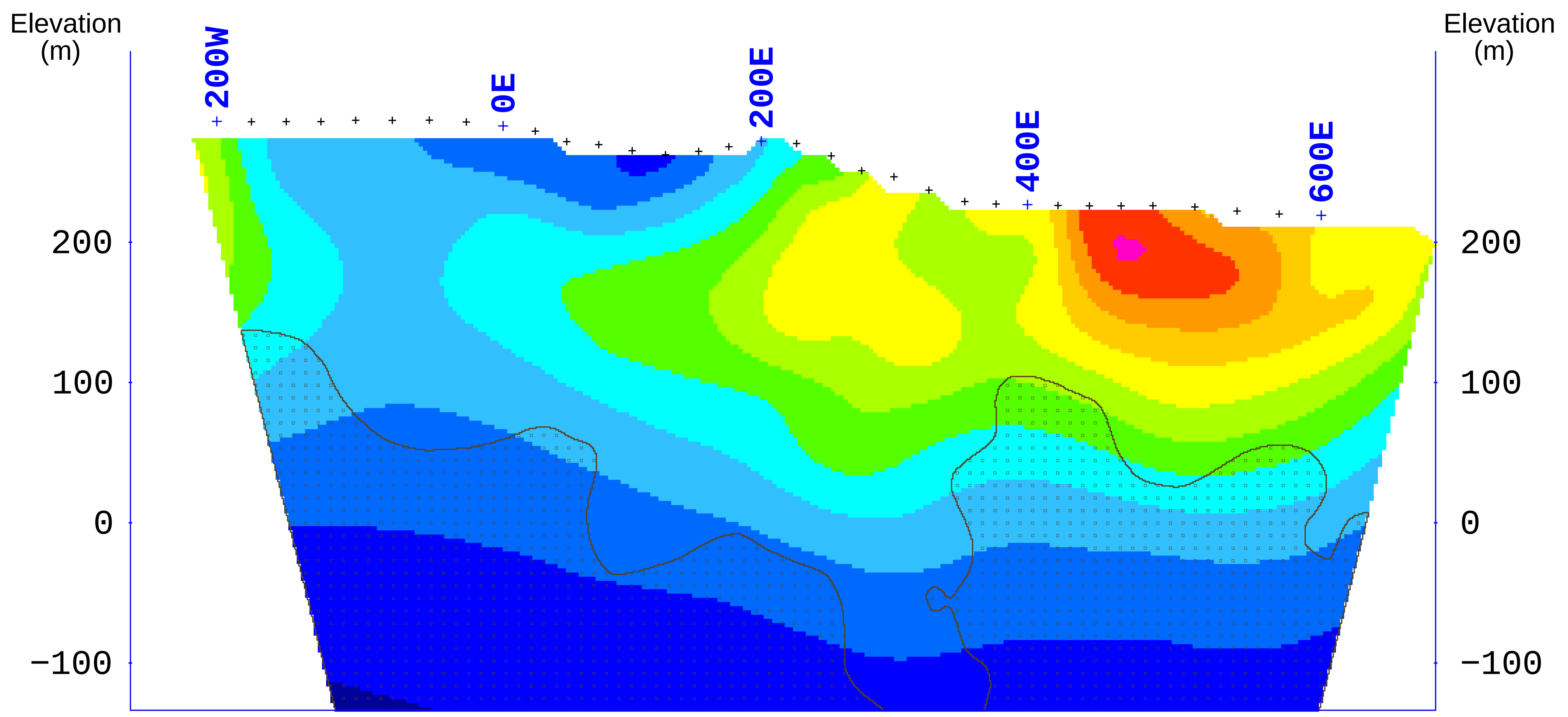


Interpreted Resistivity (ohm−m)

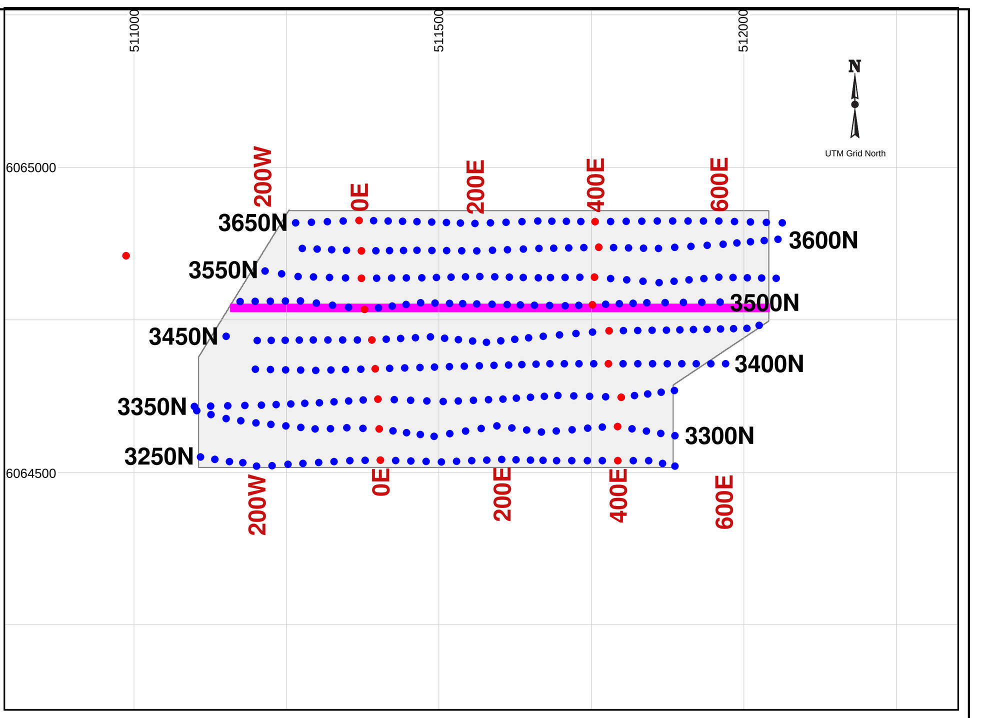
ms

- > 55
- 50 − 55
- 45 − 50
- 40 − 45
- 35 − 40
- 30 − 35
- 25 − 30
- 20 − 25
- 15 − 20
- 10 − 15
- 5 − 10
- < 5

+ Survey Stations
Area of Low Model Confidence



Interpreted Chargeability (ms)

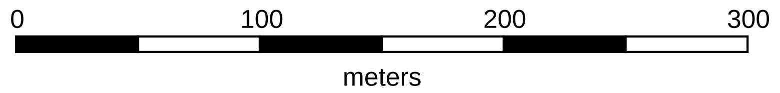


INDEX MAP

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009



Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

3D Inversion Model

of

Interpreted

Resistivity & Chargeability

Cross Section Map

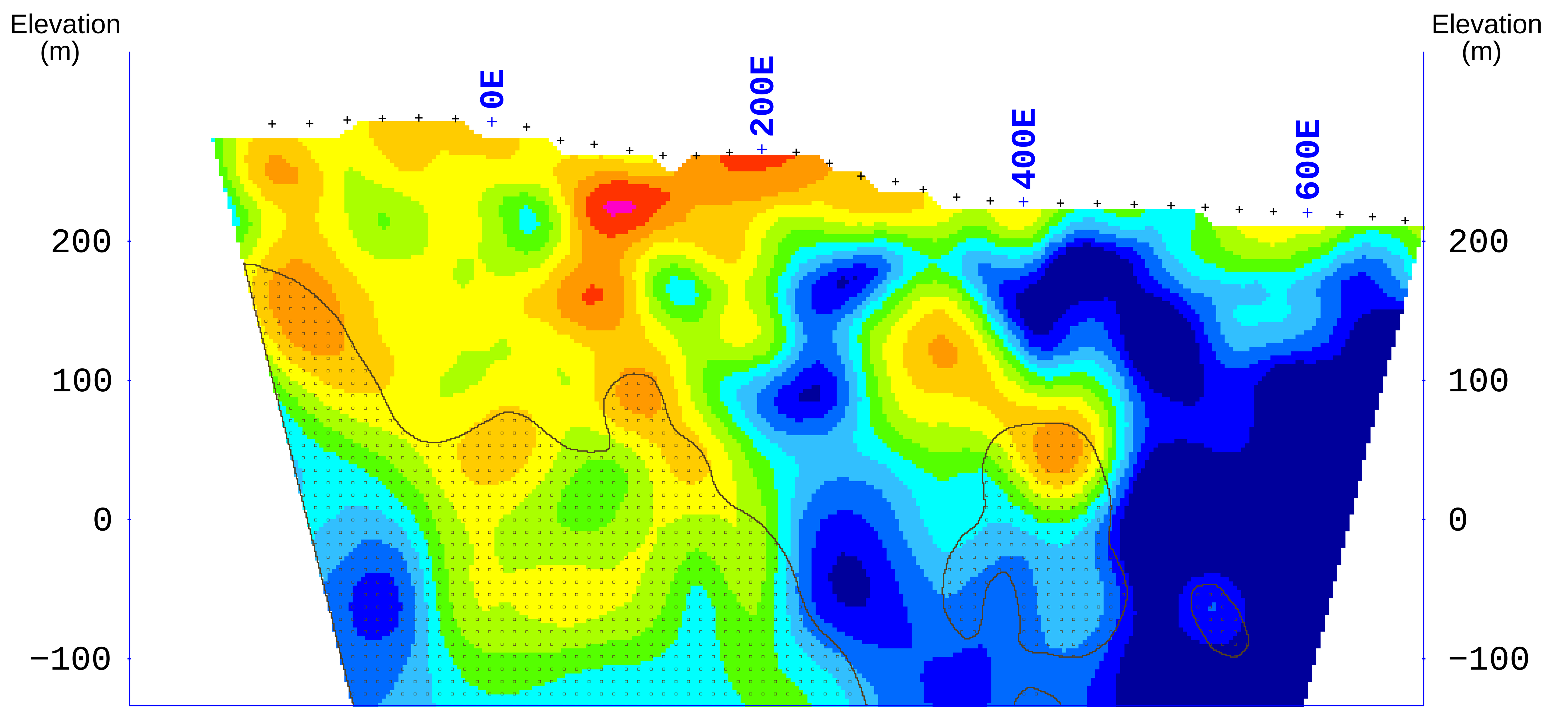
Section: 3500N

SJ Geophysics Ltd.

ohm−m

- > 32730
- 15970 − 32730
- 7790 − 15970
- 3800 − 7790
- 1850 − 3800
- 900 − 1850
- 440 − 900
- 220 − 440
- 110 − 220
- 50 − 110
- 25 − 50
- < 25

+ Survey Stations
Area of Low Model Confidence

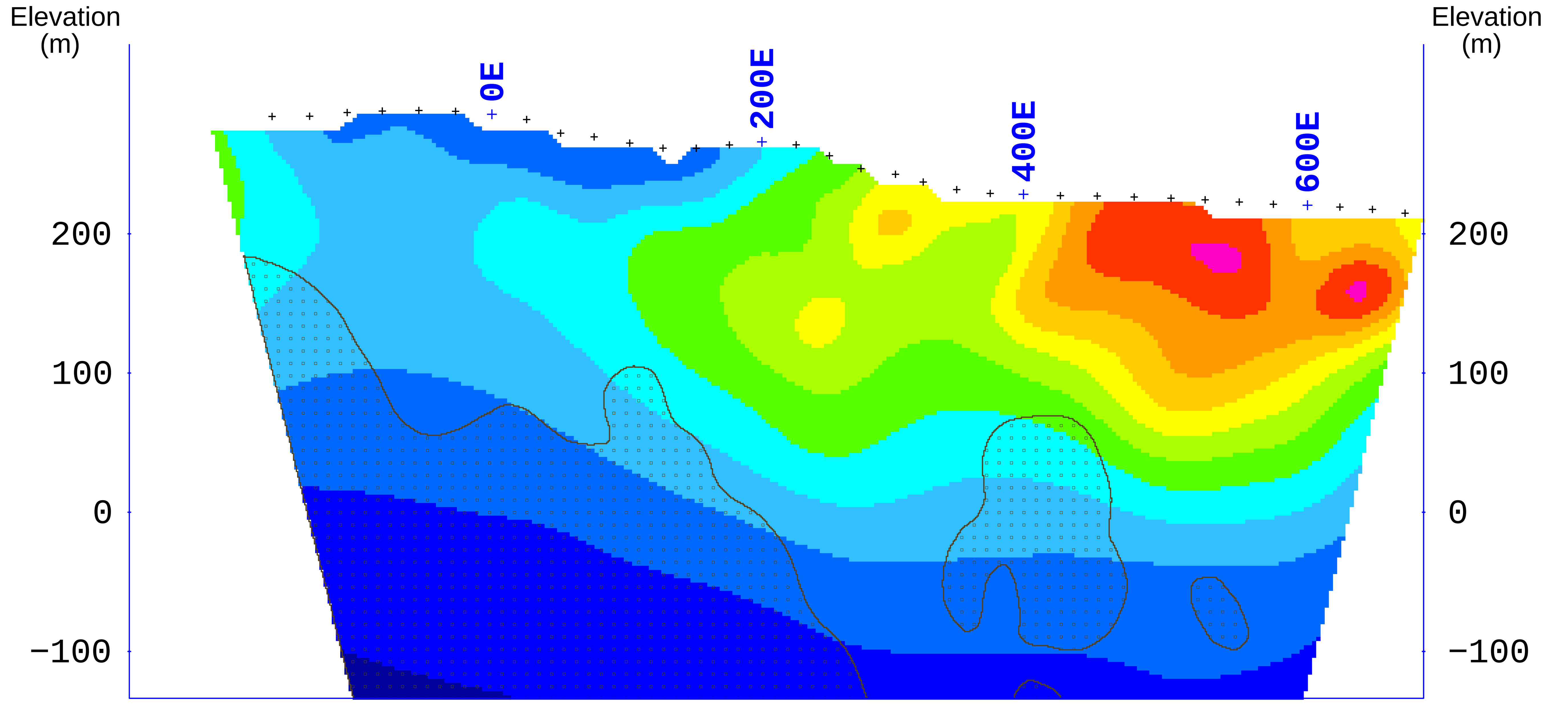


Interpreted Resistivity (ohm−m)

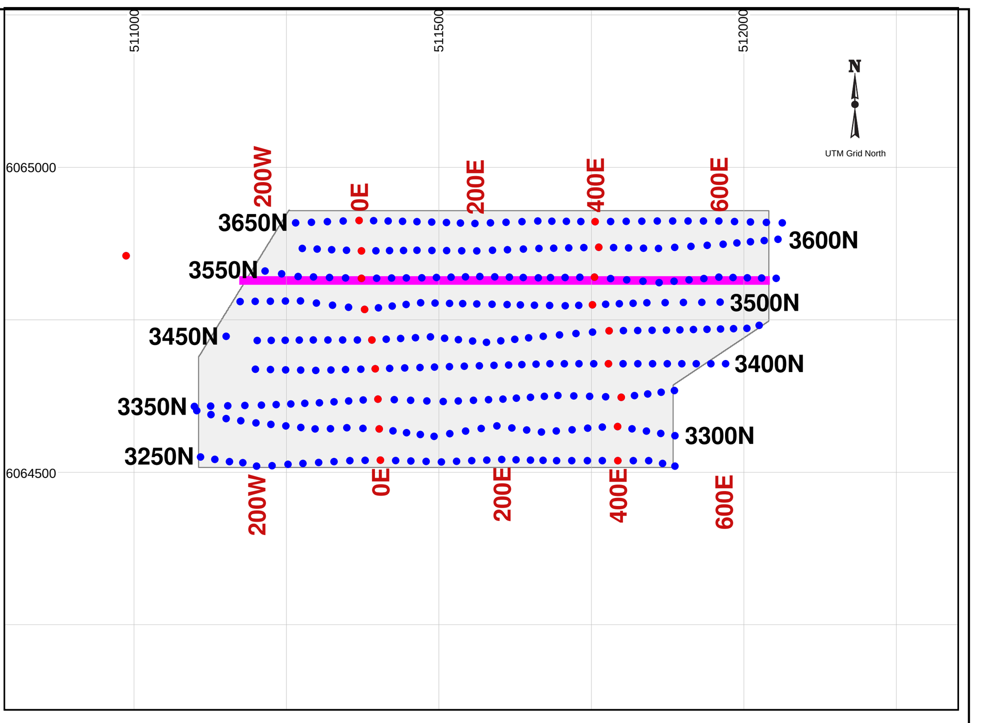
ms

- > 55
- 50 − 55
- 45 − 50
- 40 − 45
- 35 − 40
- 30 − 35
- 25 − 30
- 20 − 25
- 15 − 20
- 10 − 15
- 5 − 10
- < 5

+ Survey Stations
Area of Low Model Confidence



Interpreted Chargeability (ms)

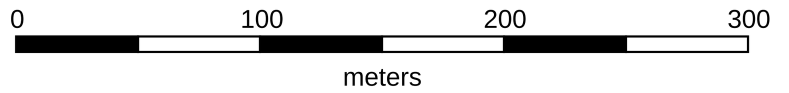


INDEX MAP

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009



Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

3D Inversion Model

of

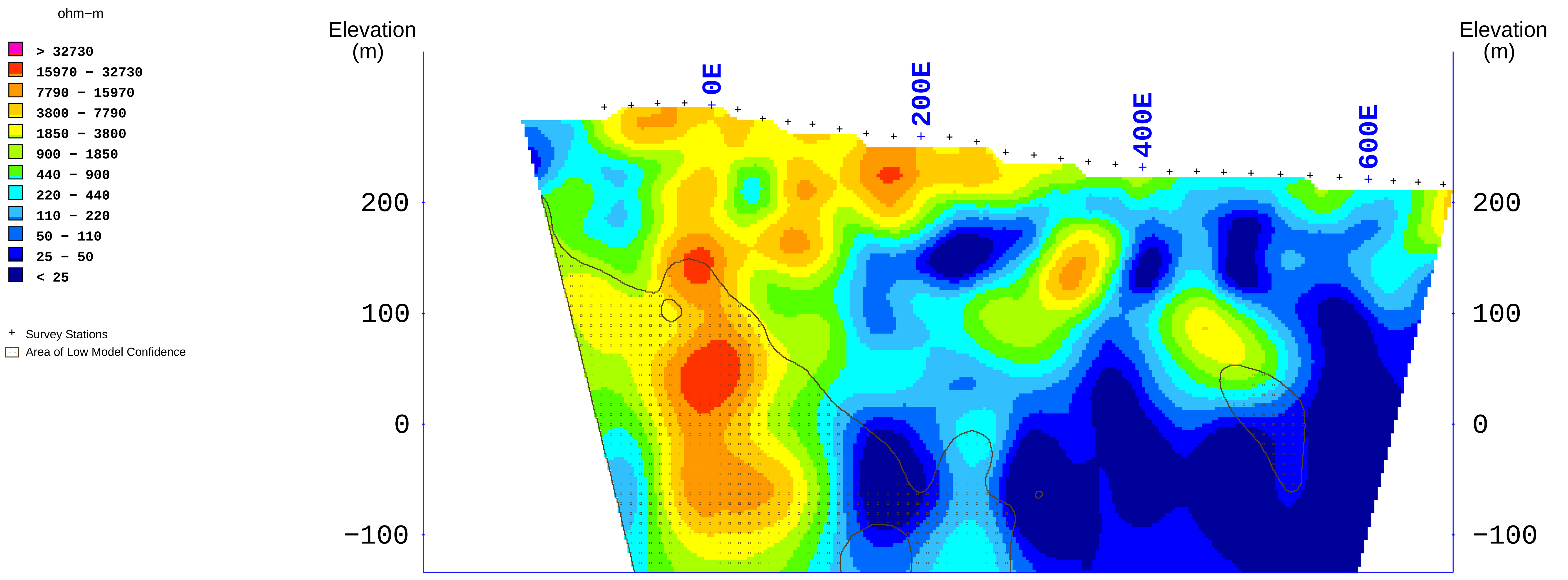
Interpreted

Resistivity & Chargeability

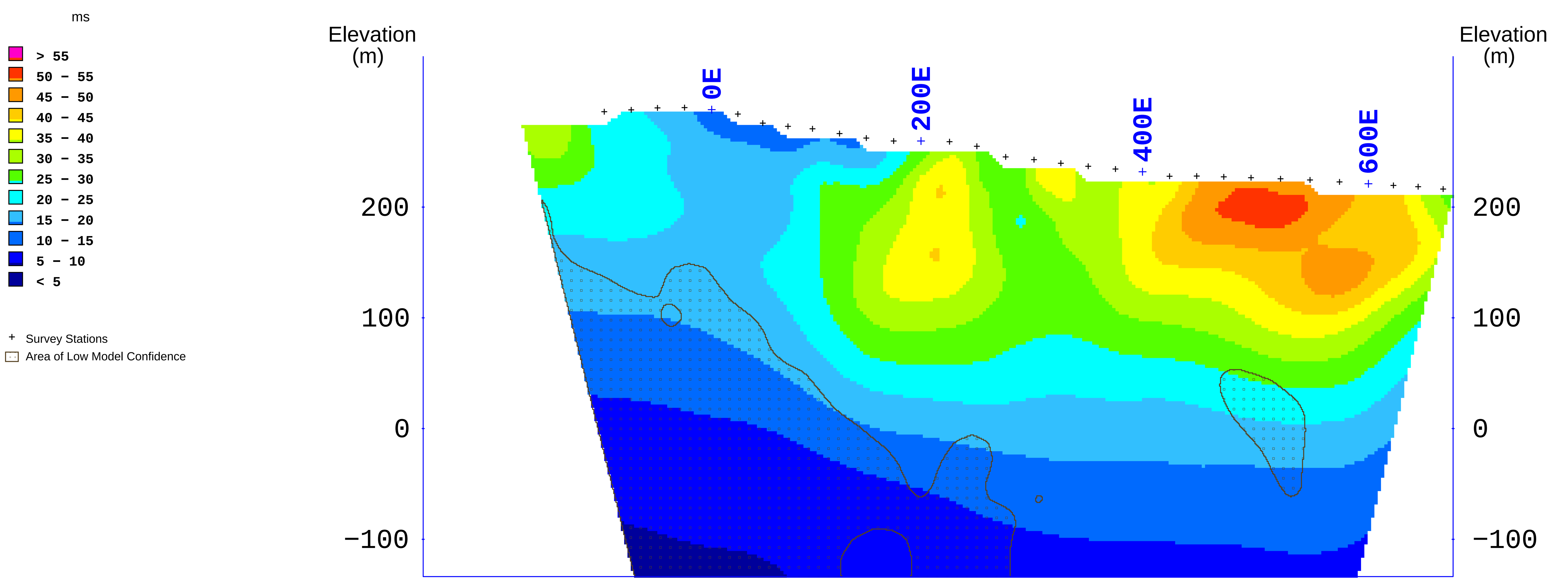
Cross Section Map

Section: 3550N

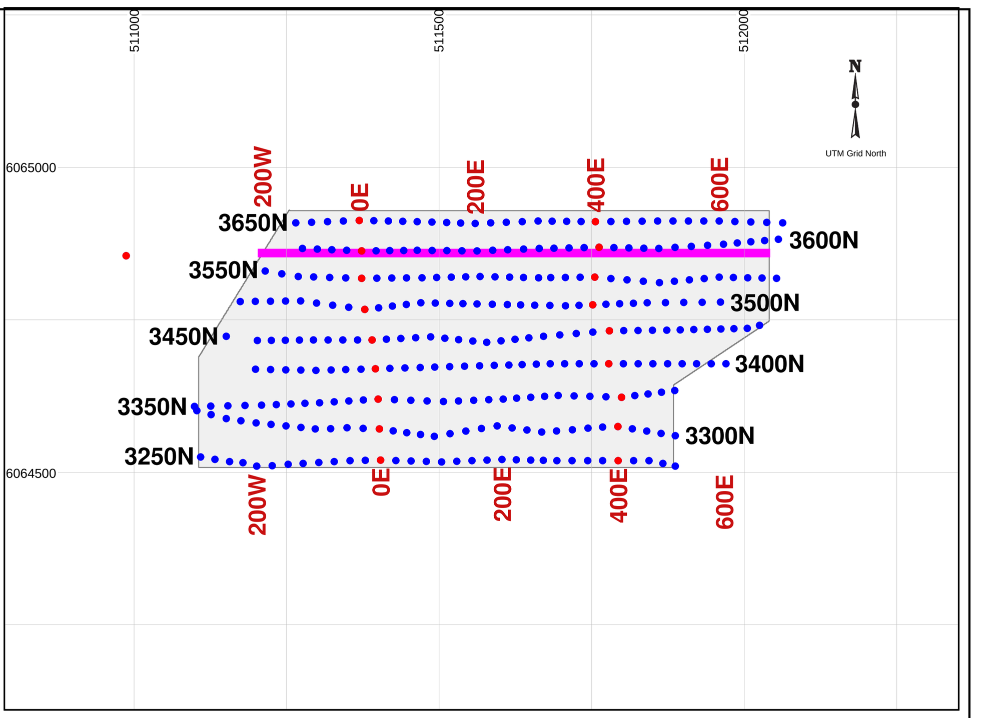
SJ Geophysics Ltd.



Interpreted Resistivity (ohm−m)



Interpreted Chargeability (ms)



INDEX MAP

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

0 100 200 300
meters

Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

3D Inversion Model

of

Interpreted

Resistivity & Chargeability

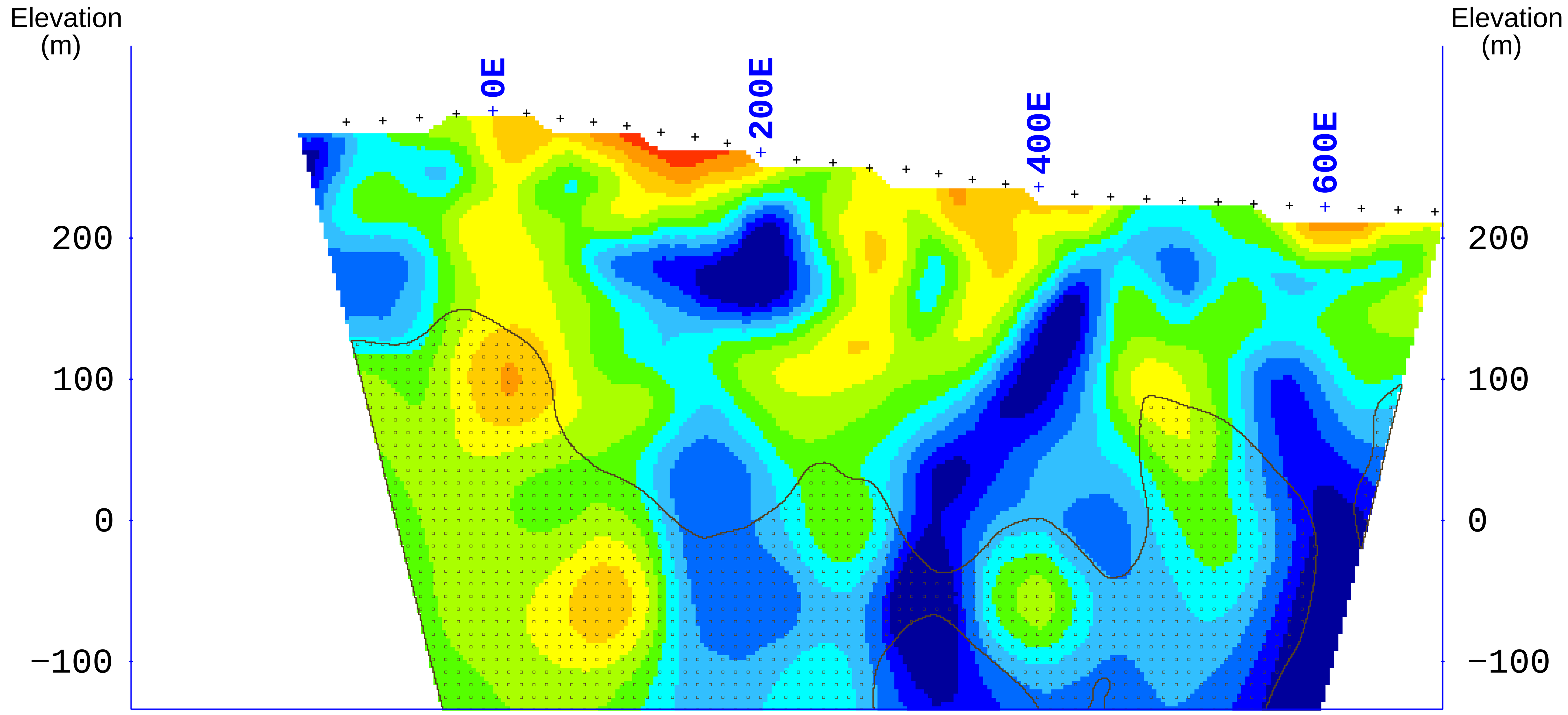
Cross Section Map

Section: 3600N

ohm−m

- > 32730
- 15970 − 32730
- 7790 − 15970
- 3800 − 7790
- 1850 − 3800
- 900 − 1850
- 440 − 900
- 220 − 440
- 110 − 220
- 50 − 110
- 25 − 50
- < 25

+ Survey Stations
Area of Low Model Confidence

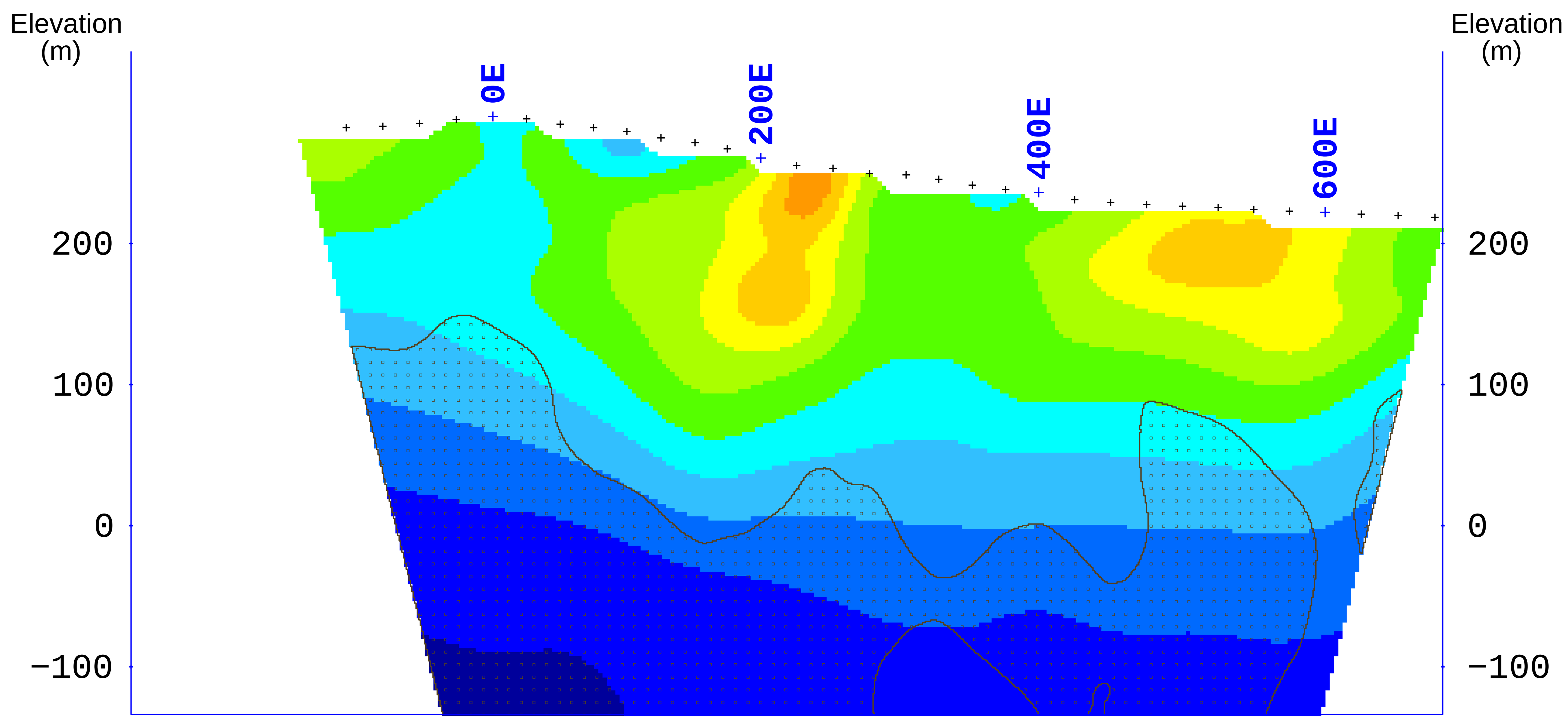


Interpreted Resistivity (ohm−m)

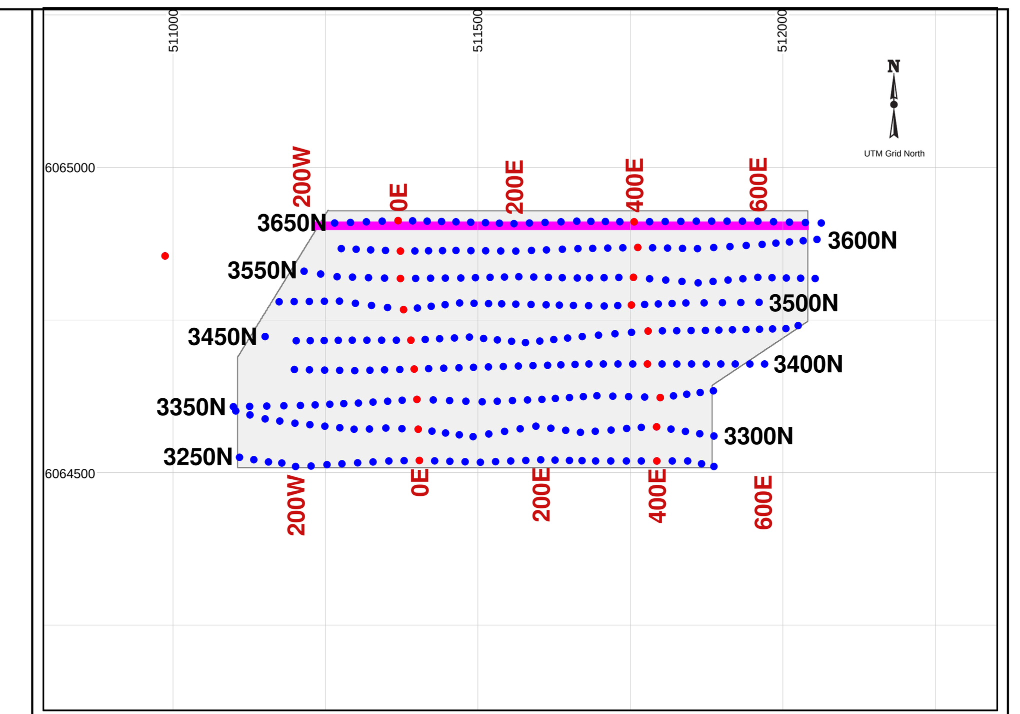
ms

- > 55
- 50 − 55
- 45 − 50
- 40 − 45
- 35 − 40
- 30 − 35
- 25 − 30
- 20 − 25
- 15 − 20
- 10 − 15
- 5 − 10
- < 5

+ Survey Stations
Area of Low Model Confidence



Interpreted Chargeability (ms)



INDEX MAP

Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

0 100 200 300
meters

Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

3D Inversion Model

of

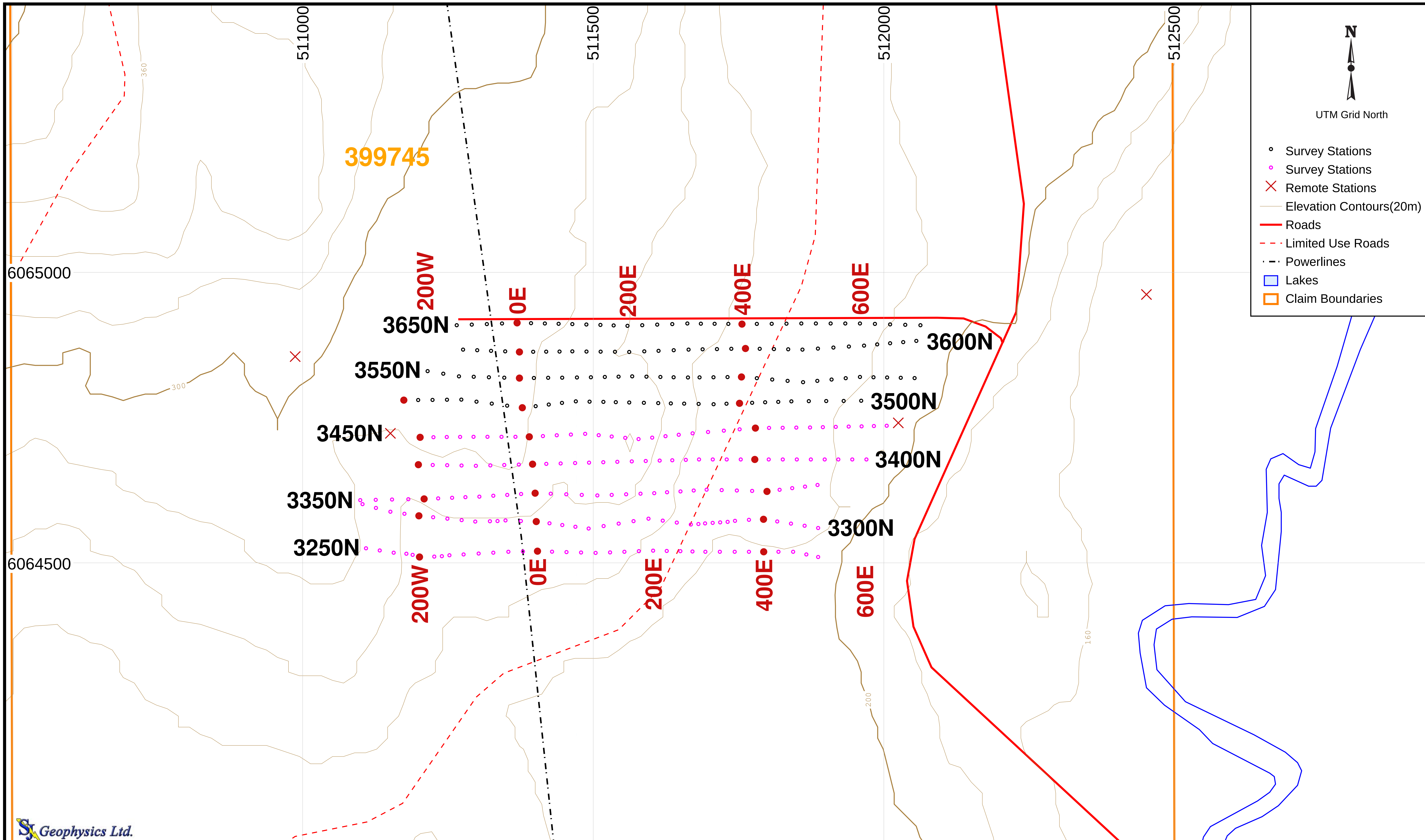
Interpreted

Resistivity & Chargeability

Cross Section Map

Section: 3650N

SJ Geophysics Ltd.



Project Information:
Survey by: SJ Geophysics Ltd.
3D Inversion by: S.J.V. Consultants Ltd.
Survey Date: Oct. 2008 & Oct. 2009

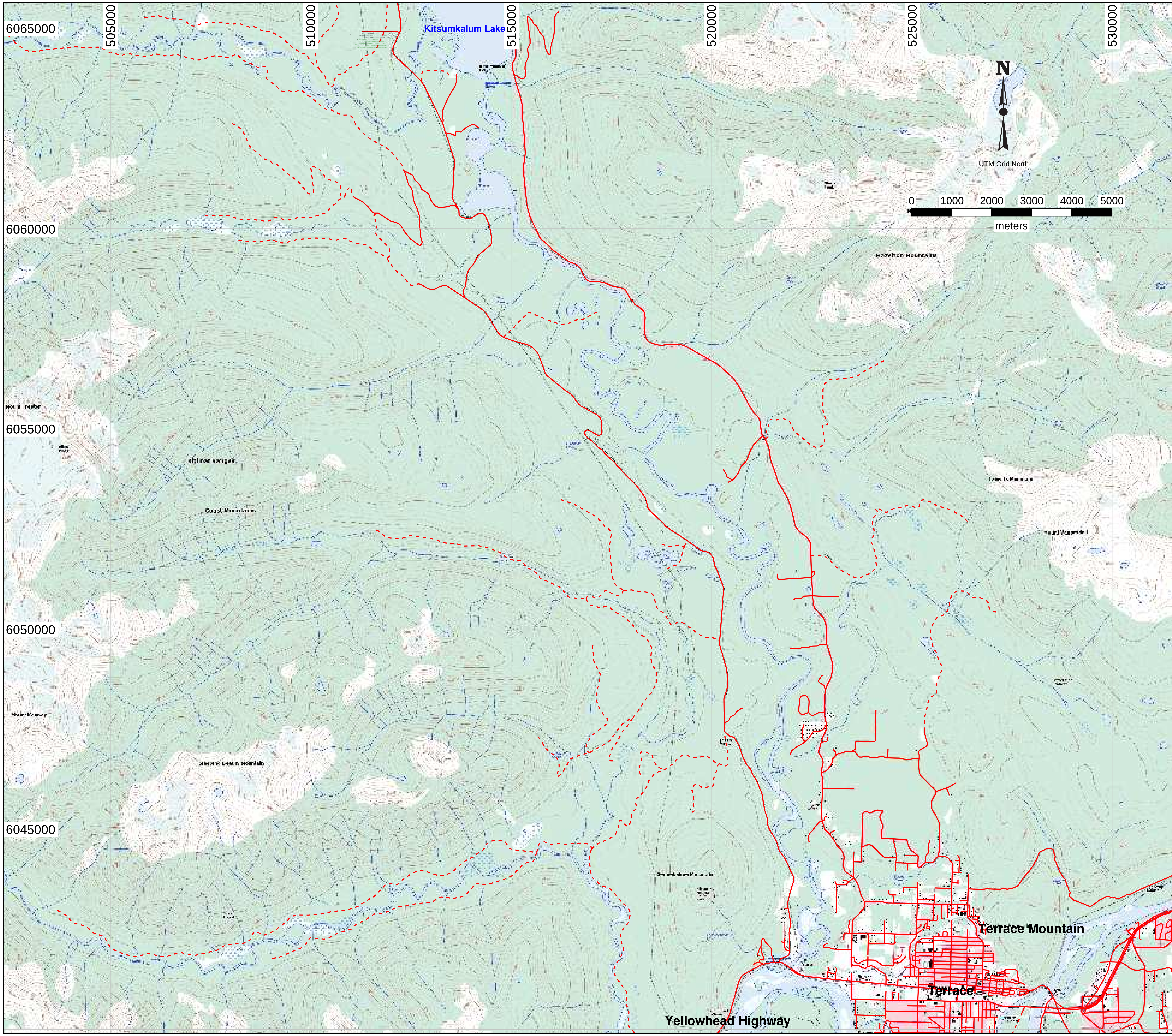
Instrumentation:
Receiver: SJ−24 Full−Waveform Digital IP Receiver
Transmitter: GDD TX II
Array Type: 3D

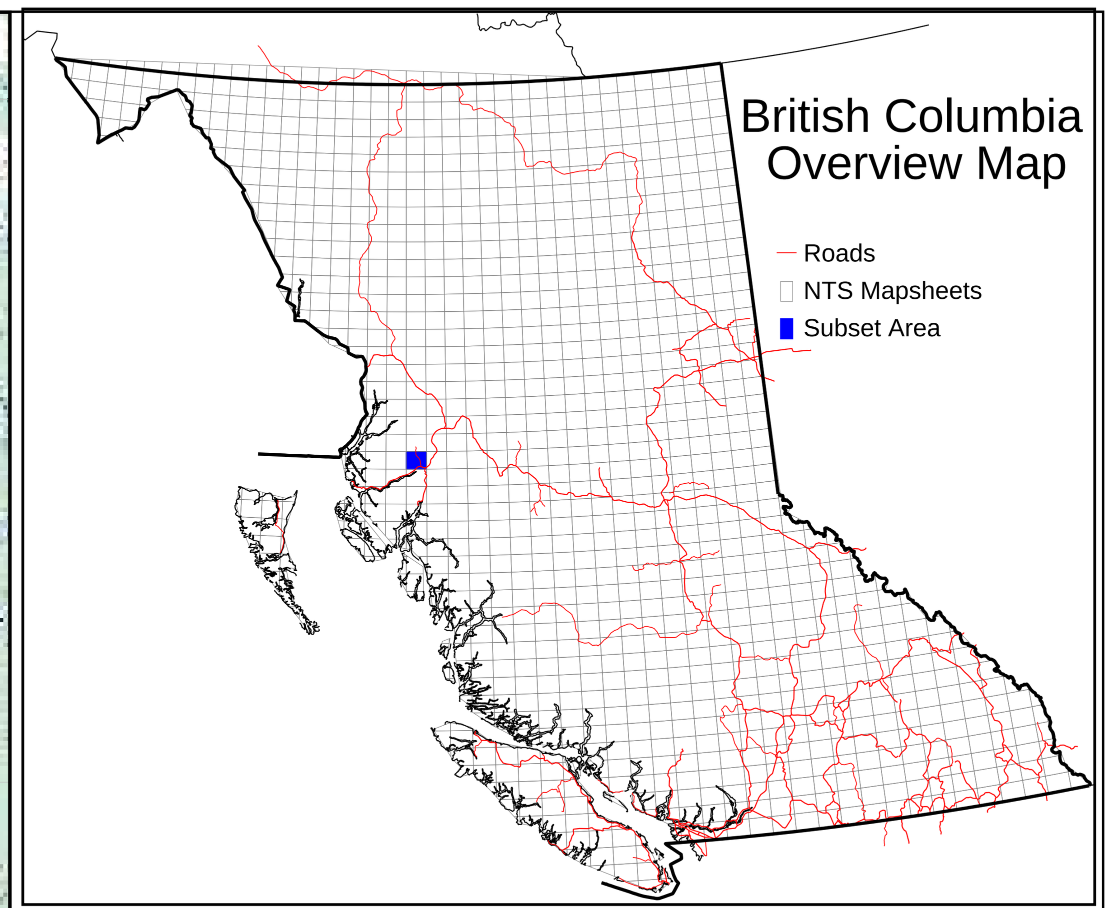
Mapping Information:
Datum: NAD83
Projection: UTM Zone 9
Mapping Date: November, 2009

BCGS Sheet: 103I076
NTS Sheet: 103I10
Mining Zone: Skeena

0 100 200 300 400 500
meters

Eagle Plains Resources Ltd.
3D IP Survey Grid
Kalum Property
Terrace, British Columbia





Project Information:
Survey by: SJ Geophysics Ltd.
Survey Date: Oct. 2008 & Oct. 2009

Mapping Information:
Datum: NAD83
Projection: UTM Zone 9

NTS Sheet: 103I10
BCGS Sheet: 103I076
Mining Zone: Skeena

Mapping Date: November, 2009

Data Source: NRCan CanVec Vector Data

2009 Survey Grid
2008 Survey Grid
Roads
Access Roads

Eagle Plains Resources Ltd.

Kalum Property

Terrace, British Columbia

Location Map

SJ Geophysics Ltd.

SJ Geophysics Ltd.
S.J.V. Consultants Ltd.

11966 - 95A Avenue,
Delta, BC V4C 3W2 CANADA

Bus: (604) 582-1100
www.sjgeophysics.com

MEMORANDUM

Date: November 20th, 2009

From: Charlotte Thibaud

To: Aaron Higgs, Chris Gallagher

SUBJECT: Description of the results obtained for the Kalum survey

A three-dimensional induced polarization (3DIP) survey was conducted on the Kalum property for Eagle Plains Resources Ltd. The ground geophysical program, totalling ~4km of cut lines, was surveyed by SJ Geophysics Ltd. in October 2009. The present portion had been planned to be done together with the 2008 survey, however, weather conditions in 2008 prevented completion of the entire survey thus continued in 2009.

The property is located 30km north of Terrace, British Columbia, in the northeast region of the Skeena Mining district, in central BC. This region has been extensively explored since 1919 with soil sampling, magnetic and electromagnetic surveys and diamond drill programs. The 2004 and 2005 drilling programs revealed encouraging results of high grade gold and silver in vein type structures. The drilling results prompted this 3DIP survey at a detail spacing of 25m stations on 50m separated lines.

Initial data processing and quality control were performed on site by the field crew. The final QC and inversion interpretation were completed by S.J.V. Consultants Ltd.

This memorandum describes the geophysical results obtained by inversion of the data collected during both the 2008 and 2009 surveys.

1. Data quality

The quality of resistivity and chargeability data was generally good for both 2008 and 2009 surveys. The 2008 data were slightly noisier because of the rainy weather conditions and some moisture affecting the cables.

For the two year resistivity data sets exhibit a wide range of values going from wide areas at less than 10 ohm-m to some near surface features of more than 5000 ohm-m. Some noise was observed in the low resistivity zones but overall not many data needed to be deleted.

The apparent chargeability values exhibit an outstandingly high range of values (>60ms). The decay curves, used in the apparent chargeabilities calculation, are particularly clean as the possible noise affecting the data is insignificant compared to the chargeability of the ground.

It was feared that the different ground conditions between the two years (high water content in 2008 and dry conditions in 2009) would affect the data, causing a levelling problem. A transmitter line 3450N was common to both years and fortunately the data collected on receiver lines 3400N (2008) and 3500N (2009) using this transmitter line show similar patterns and do not exhibit any levelling problems (see Illustrations 1 and 2).

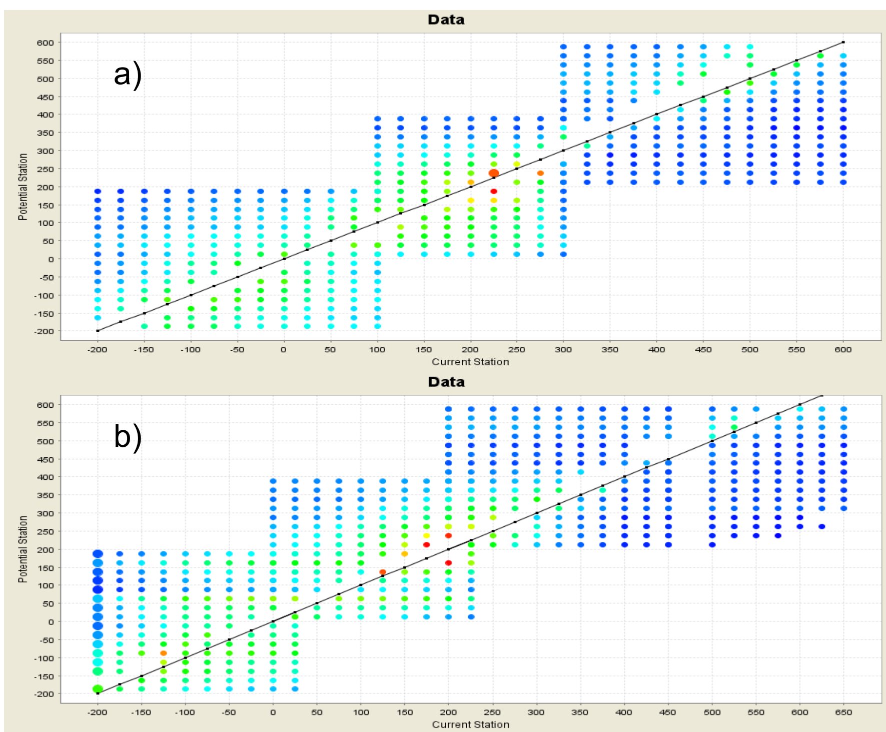


Illustration 1: Dot plots of the resistivity readings for:

a)Rx 3400 Tx 3450 – [15;8117], b) Rx line 3500 Tx line 3450 – [8;12060]

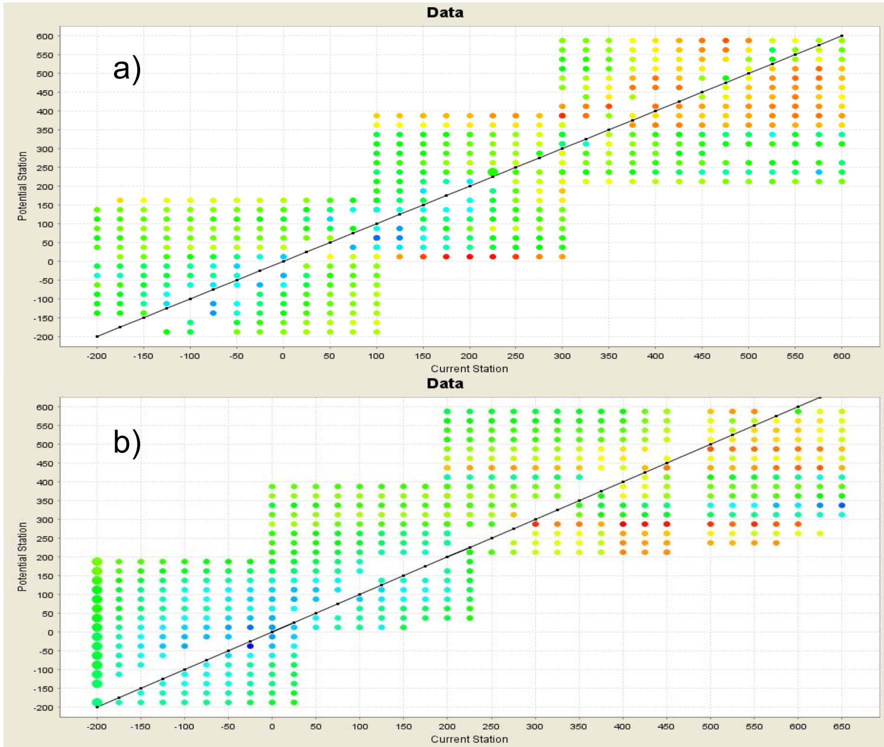


Illustration 2: Dot plots of the chargeability readings for:

a)Rx 3400 Tx 3450 – [14;70], b) Rx line 3500 Tx line 3450 – [8;89]

2. The Inversion Process

The inversion software requires multiple files, created by the user, in order to carry out the inversion calculation. Amongst these files, the mesh is the base of the inversion. It consists of a geo-referenced cube divided vertically and horizontally into multiple cells of different sizes, the smallest ones being located in the survey area. The mesh is built to be bigger than the survey area and the cells located outside of this zone, called padding cells, are used by the inversion to pad for the edge effects inherent to the iterative inversion calculation. During the inversion, each cell is “filled”' with a value calculated from the measured data.

The final inversion for the Kalum grid was carried out using 15m cells in the horizontal direction and 12.5m vertically, progressively increasing with depth.

The inversion also requires a topographic file that covers a surface that is wider than the actual surveyed area and that also covers the gaps in between the lines. This topography file was created based on a 30m accuracy NTS (National Topographic System) elevation contour.

The inversion was calculated using the code developed by the University of British Columbia's Geophysical Inversion Facility. This inversion code uses a Gauss-Newton method and a least square minimization technique that will give smooth features. Consequently and also due to the large line and station spacing, the thinnest structures cannot be expected to be detailed, making it difficult to estimate the actual thickness, orientation and nature of the geological structure causing this geophysical response.

All the cells are not influenced by the same amount of measured data, the further away from the centre of the grid the fewer the data. The distribution of the influence of the data on the mesh is determined by the sensitivity model, created after each iteration. It is a useful tool to determine the level of confidence for any area of the model at any depth.

It is important to note that the models presented in the following sections are only some of multiple possible models. Indeed, for logistical reasons, the amount of data collected during the survey is always smaller than the amount of equations that the inversion algorithm has to solve (under-determined problem). However, it is estimated that the final model is the most geologically realistic.

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3. Data presentation

False colour contour maps of the inverted resistivity and chargeability results can be produced for selected depth. Data are positioned using UTM coordinates gathered during the field work. This display illustrates the spatial distribution of the geophysical trends at the scale of the survey grid, outlining strike orientation and possible fault offsets.

The topography variations add a level of complexity to the interpretation, especially with the use of maps. Plan maps can be displayed in two ways: depth below the topography or as horizontal slices at constant elevation. For this particular project, several sets of maps have been created at depth below the topography.

Plan maps plotted for both resistivity and chargeability at apparent depths of 25m, 50m, 75m, 100m, 150m, 200m and 250m are attached in Section 7.

Vertical slices of the resistivity and chargeability models are also plotted as false colour sections for each survey line (Tx and Rx). This allows a direct comparison of the resistivity and chargeability variations. These sections are also provided in Section 7.

4. Description of the inversion models

4.1. The Resistivity Model

The Resistivity Model for the Kalum grid is presented at 25m and 75m below topography respectively on Illustrations 3 and 4. The model exhibits a wide range of values (from approximately 25 ohm-m up to more than 32000 ohm-m).

The model can be separated in two distinct zones exhibiting different resistivity properties exhibiting two distinct geophysical responses that may indicate different geologic environments.

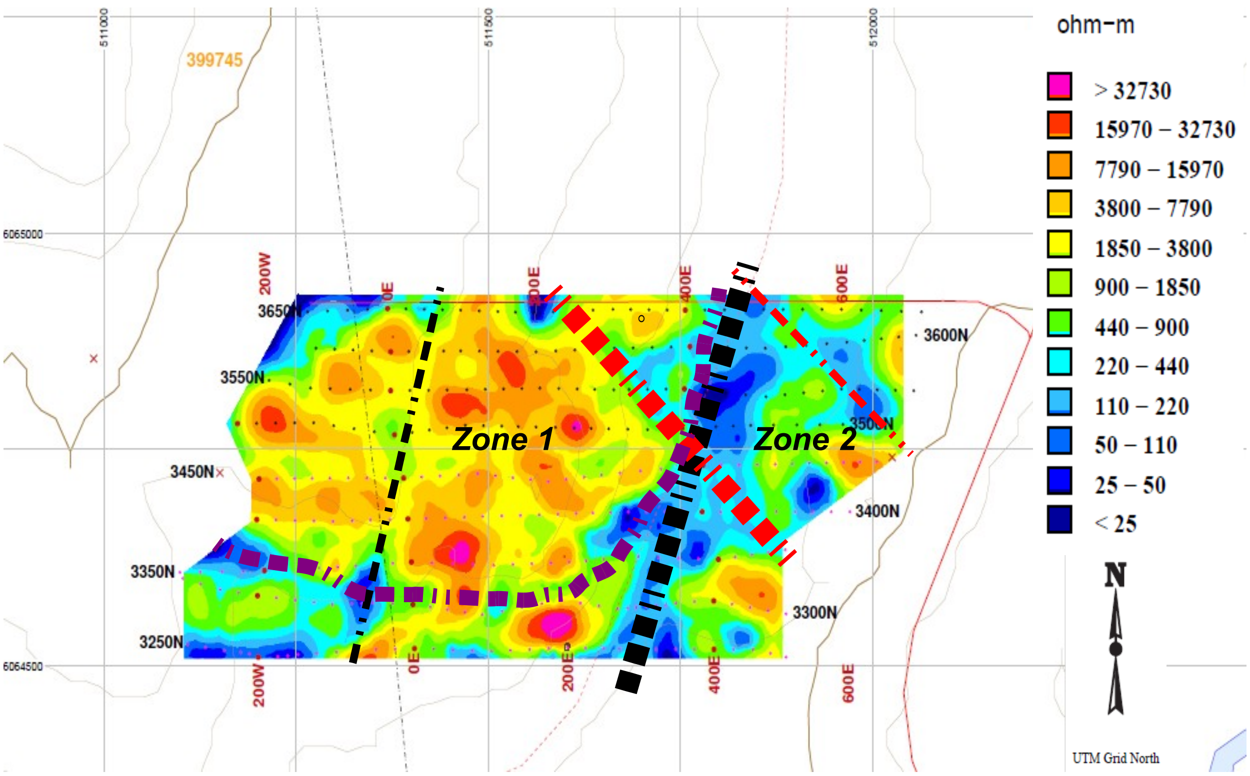

Illustration 3: Plan Map of the Resistivity Model at 25m below the topography.

A plain version of this document is available at the end of this report.

Zone 1 covers the western most two thirds of the survey grid. It represents the area of the grid that exhibits the highest resistivity features (>1850 ohm-m). These features are visible from the surface down to the depth of investigation with varying shape and intensity.

The other resistivity environment, Zone 2, extends in the eastern most third of the grid. It exhibits several zones of low resistivity (<440 ohm-m) and is only scattered by small high resistivity features (between 1000 and 16000 ohm-m).

These two zones are separated from each other by a southwest-northeast trend of relatively low resistivity (<220 ohm-m) crossing the grid from line 3250N station 300E to the south up to line 3650N station 500E in the north (thick black dashed line). Similar trends are visible throughout the resistivity model. The main one runs in Zone 1 and along the boundary between Zones 1 and 2, making an arc from the western edge of the grid between lines 3350N and 3400N up to line 3650N station 500E (thick purple dashed line). As far as the survey extends, this trend seems to circle the main area of relatively high resistivity in Zone 1.

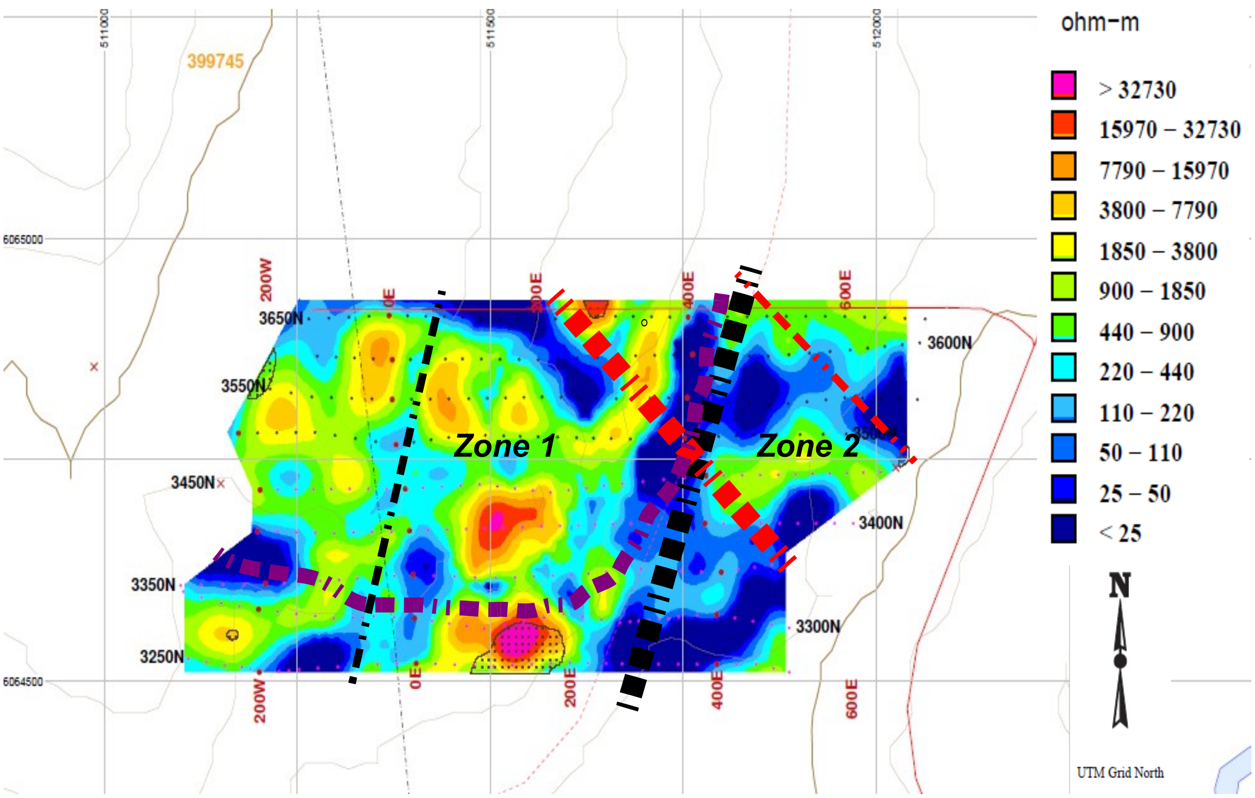

Illustration 4: Plan Map of the Resistivity Model at 75m below the topography.
A plain version of this document is available at the end of this report.

Three other low resistivity trends cross the grid. The most subtle amongst them runs in Zone 1 almost parallel to the transition between resistivity Zones 1 and 2 (thin black dashed line). It crosses the grid from line 3250N station 100W up to line 3650N station 100E, close to the direction of the powerline crossing the grid. It was determined that the noise the power line produces did not have any drastic effect and that this trend was realistic. The trend may be related to a geological break or fault.

The remaining two trends are parallel to each other and run northwest-southeast. They may both be associated with secondary faults or breaks crossing the previously described resistivity zones/geological environments. The main one (thick red dashed line) crosses the grid from line 3650N station 300E down to the eastern edge of line 3350N. The second one (thin dashed line) is located further northeast. It runs from line 3650N station 500E down to the western edge of line 3500N.

Other isolated low resistivity features are visible throughout the grid but are either too small to be significant (noise in the data or real noise at the near surface) or located on the edge of the survey grid and may thus be related to inversion artifacts.

4.2. Chargeability Model

The Chargeability Model obtained for the Kalum survey is presented at 25m and 75m below the topography respectively on Illustrations 5 and 6. It exhibits a high range of values (up to more than 55ms) and relatively high background (approximately 25ms). The model is divided into two distinct areas: a zone of low chargeability (<25ms) and one of high chargeability (>35ms).

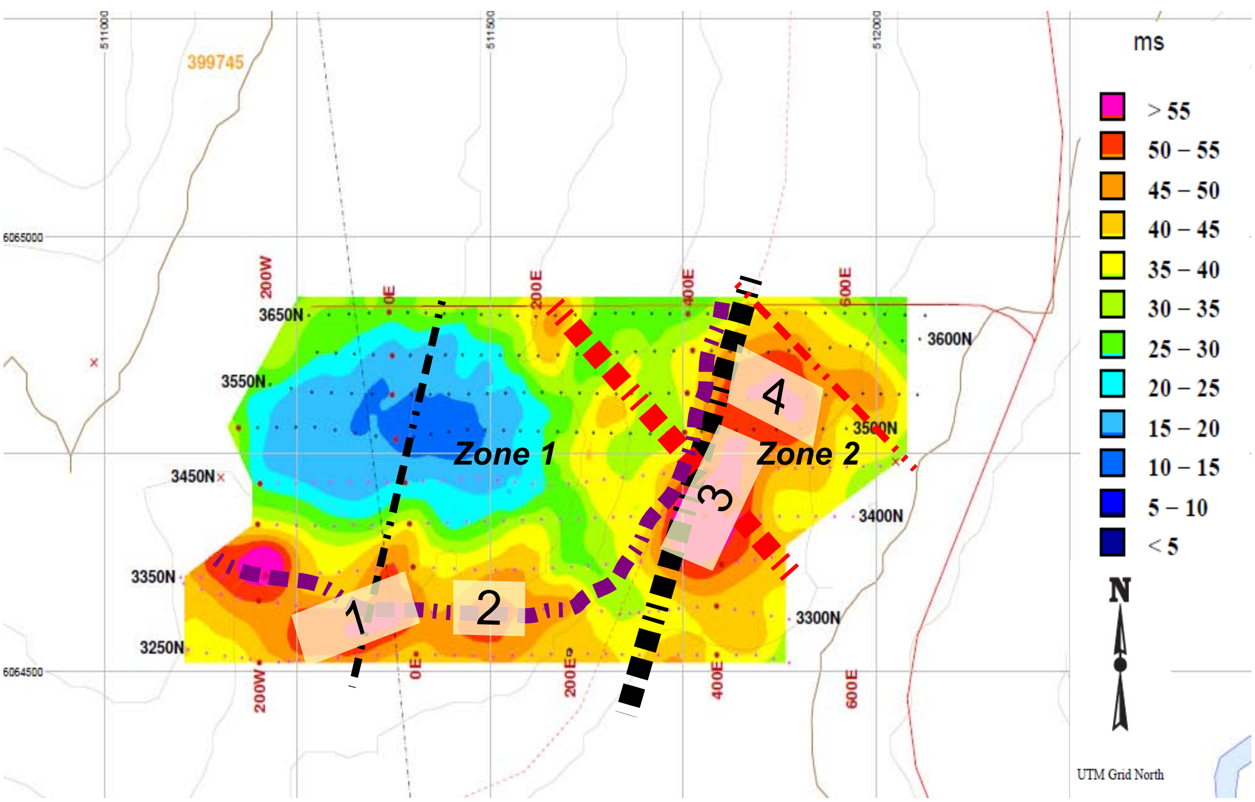

Illustration 5: Plan Map of the Charegability Model at 25m below the topography.

A plain version of this document is available at the end of this report.

The zone of lowest chargeability is concentrated in the resistivity Zone 1 where it coincides with the high resistivity features area.

A main high chargeability trend (>35ms) extends in the southern half and eastern third of the grid, following two of the low resistivity trends described in the previous sections: the arc trend as well as the transition between the two resistivity zones (thick black and purple dashed lines). This trend of high chargeability exhibits four zones of particularly high chargeability (>55ms). Two of them (1 and 2) are located to the south of the grid where they follow the arc trend.

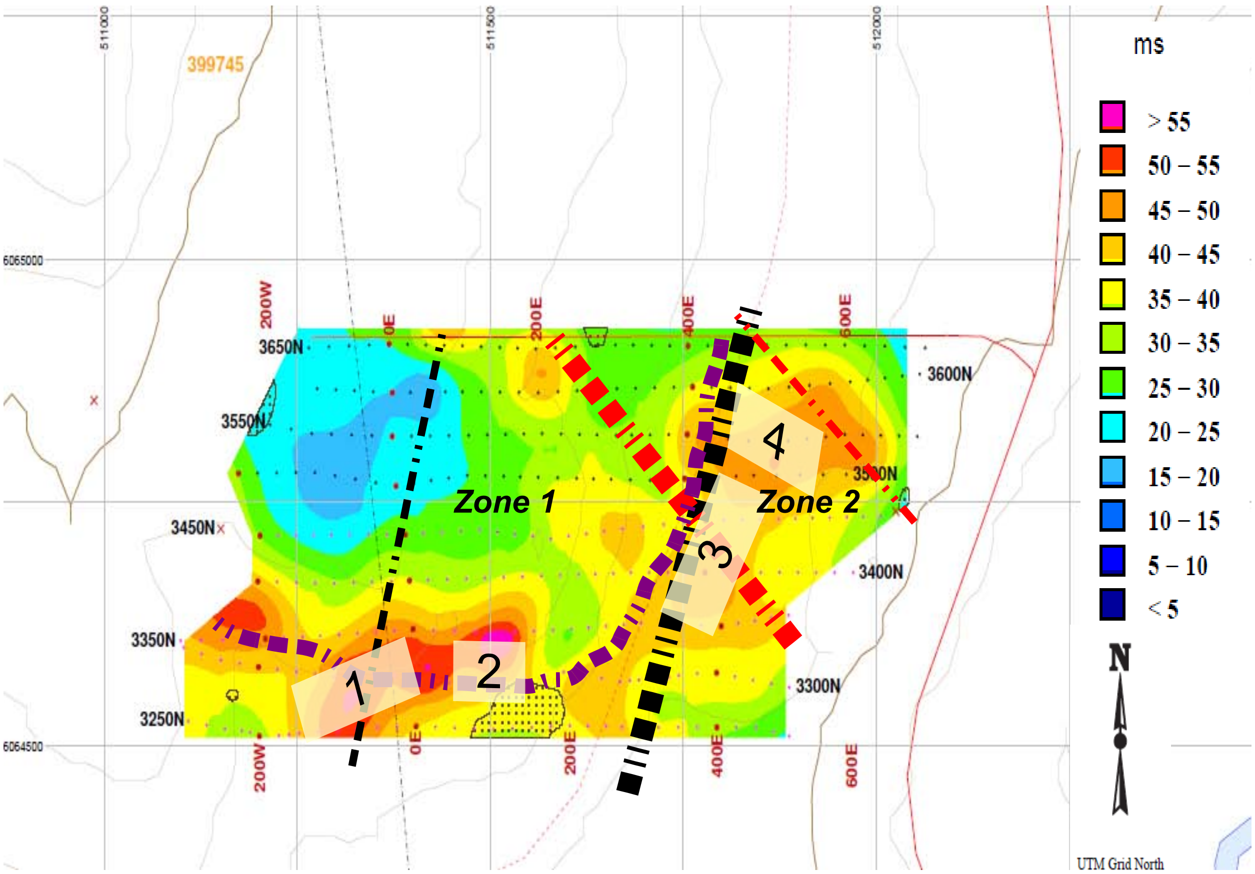

Illustration 6: Plan Map of the Chargeability Model at 75m below the topography.
A plain version of this document is available at the end of this report.

The most extended one (1) runs between lines 3250N and 3300N and between stations 100W and 0E. It also coincides with the most subtle of the southwest-northeast low resistivity trends described in the previous sections (thin dashed black line). It is visible from the surface down to approximately 75m below the topography.

The other feature (2) is located further east, between stations 50E and 150E and seems to be dipping toward the north. The centre of this feature is visible from the surface on line 3350N and seems to shift progressively to the north with depth. At the depth of investigation, the centre of the feature is located between lines 3400N and 3450N.

The two other zones (3 and 4) are located in the resistivity Zone 2 and are both flanked to the west by the low resistivity transition between the resistivity Zones 1 and 2.

The most extended one (3) runs between lines 3350N and 3500N and between stations 375E and 500E. It is also crossed by the main northwest-southeast low resistivity trend (thin red dashed line) described in the previous section. It is visible from the surface down to approximately 100m below the topography.

The last feature (4) is less horizontally extended than the previous one but goes deeper than the previous chargeability features as it goes down to the depth of investigation. It runs along line 3550N between stations 475E and 550E and is flanked to the north by the tiniest of the two northwest-southeast low resistivity trends (thin red dashed line).

Other isolated high chargeability features are visible throughout the grid but are either too small to be significant (noise in the data or real noise at the near surface) or located on the edge of the survey grid and can thus be related to inversion artifacts.

5. *Conclusion and recommendations*

The 3DIP survey conducted by SJ Geophysics Ltd. on the Kalum grid in 2008 and 2009 allow isolation of several trends of low resistivity associated with high chargeability features surrounding a circular feature exhibiting high resistivity and low chargeability that seems to be intruding the area. These features have not been closed properly by the survey, consequently the survey should be extended in every direction.

When some more detailed geological data (detailed maps and/or cores assays) become available for this property, the geophysical data should definitely be revised. Examination of the geophysical data together with geological data acts as a control and greatly enhances the interpretation of the geophysics by relating them to the geophysical properties of the ground and then tracking the associated trends.

Respectfully submitted,

As per S.J.V. Consultants Ltd.

Charlotte Thibaud, Msc. Geophysics.

6. Statement of qualifications for Charlotte Thibaud

I, Charlotte Thibaud, of the city of Vancouver, British Colombia, Canada, hereby certify that:

I graduated from the Ecole et Observatoire des Sciences de la Terre de Strasbourg I, Strasbourg, France, in September 2007

I have been working in geophysics since 2007.

I have no interest in Eagle Plains Resources Ltd.. or in any property within the scope of this report, nor do I expect to received any.

Signed by: ___________________________

Charlotte Thibaud

Msc. Geophysics

Date: November 20th , 2009

7. Maps