



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

ASSESSMENT REPORT  
TITLE PAGE AND SUMMARY

TITLE OF REPORT [type of survey(s)] 2008 EXPLOATION & DIAMOND DRILLING TOTAL COST Report # 311 282-16

AUTHOR(S) J.W. MURTON P.ENG SIGNATURE(S)

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-1-793 APPR. # 08-0100112-0730 YEAR OF WORK 2008

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) 4246514

PROPERTY NAME KALUM

CLAIM NAME(S) (on which work was done) TENURE # 399 745

COMMODITIES SOUGHT Au

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 103I 019 / 103I 211

MINING DIVISION SKEENA NTS

LATITUDE 54° 45' N " LONGITUDE 128° 51' W " (at centre of work)

OWNER(S)

1) EAGLE PLAINS RESOURCES INC 2) MOUNTAIN CAPITAL INC  
200-16 11<sup>th</sup> AVES CRANBROOK (OPTION FROM EAGLE PLAINS)

MAILING ADDRESS  
200-16 11<sup>th</sup> AVES 404-610 GRANVILLE ST  
CRANBROOK B.C. V1C 2P1 VANCOUVER B.C. V6C 3T3

OPERATOR(S) [who paid for the work]

1) MOUNTAIN CAPITAL INC. 2)

MAILING ADDRESS  
AS ABOVE

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):  
CRETACEOUS MT ALLARD INTRUSIVE INTO JURASSIC/KRETACEOUS  
BOWSER SEDIMENTS. BURN AREA HOSTS MICRO VEINLETS  
QTZ +/- Py + V SL OCCASIONAL GALENA, CHALCOPYRITE, SPHALERITE  
WITH WEAK BUT PERVASIVE GOLD VALUES ALL IN GRANODIORITE.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS AR 16026, 13303  
8299, 27892

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
<b>GEOLOGICAL (scale, area)</b>			
Ground, mapping _____			
Photo interpretation _____			
<b>GEOPHYSICAL (line-kilometres)</b>			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____	4.1 KM	399745	50,000
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
<b>GEOCHEMICAL</b>			
(number of samples analysed for ...)			
Soil _____	Au/ICP 55	399745	1900
Silt _____			
Rock _____	Au/ICP 8	✓	250
Other _____			
<b>DRILLING</b>			
(total metres; number of holes, size)			
Core _____	11 NQ HOLES, 1390 M.	399745	222,832
Non-core _____			
<b>RELATED TECHNICAL</b>			
Sampling/assaying _____	Au/ICP 364 CORE SAMPLES	399745	12,300
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
<b>PROSPECTING (scale, area)</b> _____			
<b>PREPARATORY/PHYSICAL</b>			
Line/grid (kilometres) _____	7.75 K	399745	24,000
Topographic/Photogrammetric (scale, area) _____			
Legal surveys (scale, area) _____			
Road, local access (kilometres)/trail _____			
Trench (metres) _____			
Underground dev. (metres) _____			
Other _____			
TOTAL COST			\$ 311,282

**BC Geological Survey  
Assessment Report  
30479**

**2008 EXPLORATION AND DIAMOND DRILLING REPORT**

on 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**

**MOUNTAIN CAPITAL INC.**

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**On behalf of**

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by

**J.W. Murton & Associates**

**J.W. Murton P. Eng.**

**DECEMBER 31, 2008**

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## **1.0 SUMMARY**

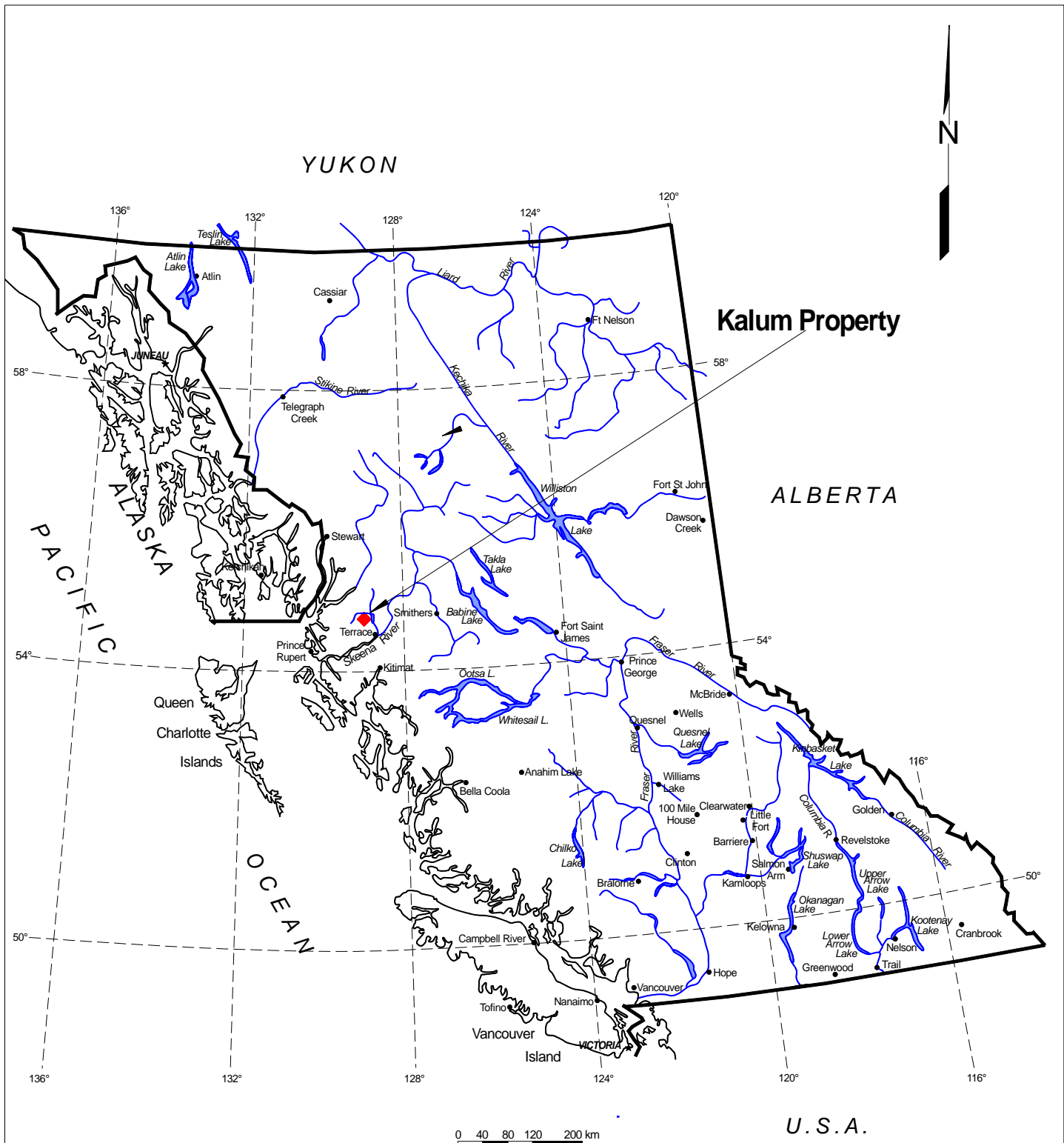
The Kalum Property is located about 35 kilometers northwest of Terrace, British Columbia, to the west of Kalum Lake and is comprised of 20,762 hectares in 46 contiguous tenures. It is held by Mountain Capital Inc. under an option agreement with Eagle Plains Resources Ltd. who own 100% of the property, subject to a 1% NSR.

The Property is centered upon a Cretaceous-age granodiorite 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 a large alteration envelope that surrounds the intrusive stock. All previous exploration efforts have been directed toward the discovery of high-grade stand-alone mineralization.

The 2008 exploration program by Mountain Capital Inc. was directed towards exploring and attempting to define a broad zone of gold mineralization in a satellite granodiorite “stock” located on Tenure #399745 in the SE corner of the property. The work program consisted of 7.75 line km of grid establishment, collection of 55 soil samples, 8 rock samples, 4.1 line km of I.P. survey and the drilling of 11 NQ diamond drill holes. J.W. Murton and Associates conducted the program on behalf of Mountain Capital Inc.

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. \$305,252.56 of this amount was filed for assessment purposes and resulted in the extension of the valid dates for all tenures listed to November 30, 2010.



**Kalum Property**

**ALBERTA**

**U.S.A.**

**MOUNTAIN CAPITAL INC.**

**KALUM PROPERTY**  
Location Map

## **2.0 INTRODUCTION AND TERMS OF REFERENCE**

The author was retained by the President of Mountain Capital Inc. to conduct an exploration program on the Kalum property during 2008. This program was designed to test a previously indicated area of gold mineralization west of the south end of Kalum Lake and approximately 2 km south west from an earlier explored area of gold in quartz veins that had seen significant exploration 20 – 30 years ago. These areas are both underlain by granodiorite.

The exploration program field work was carried out during the period June 2 to October 4, 2008.

## **3.0 PROPERTY DESCRIPTION AND LOCATION**

The Kalum property consists of 20,762 hectares in 46 contiguous mineral tenures centered at UTM 6069000 N / 504550 E on NTS map sheets 103I066, 075, 076, 077, 085, 086 and 087. The claim block is located 30 km northwest of Terrace, B.C. The tenures were originally acquired to cover numerous gold occurrences associated with a Cretaceous-aged intrusive stock that intruded sedimentary and volcanic rocks of the Jurassic to Cretaceous aged Bowser Group.

Mountain Capital Inc. has an option to earn a 60% interest in the Kalum property from Eagle Plains Resources Ltd. which owns a 100% unencumbered interest in the property subject to a 1% Net Smelter Return in trust for Bernard Kreft.

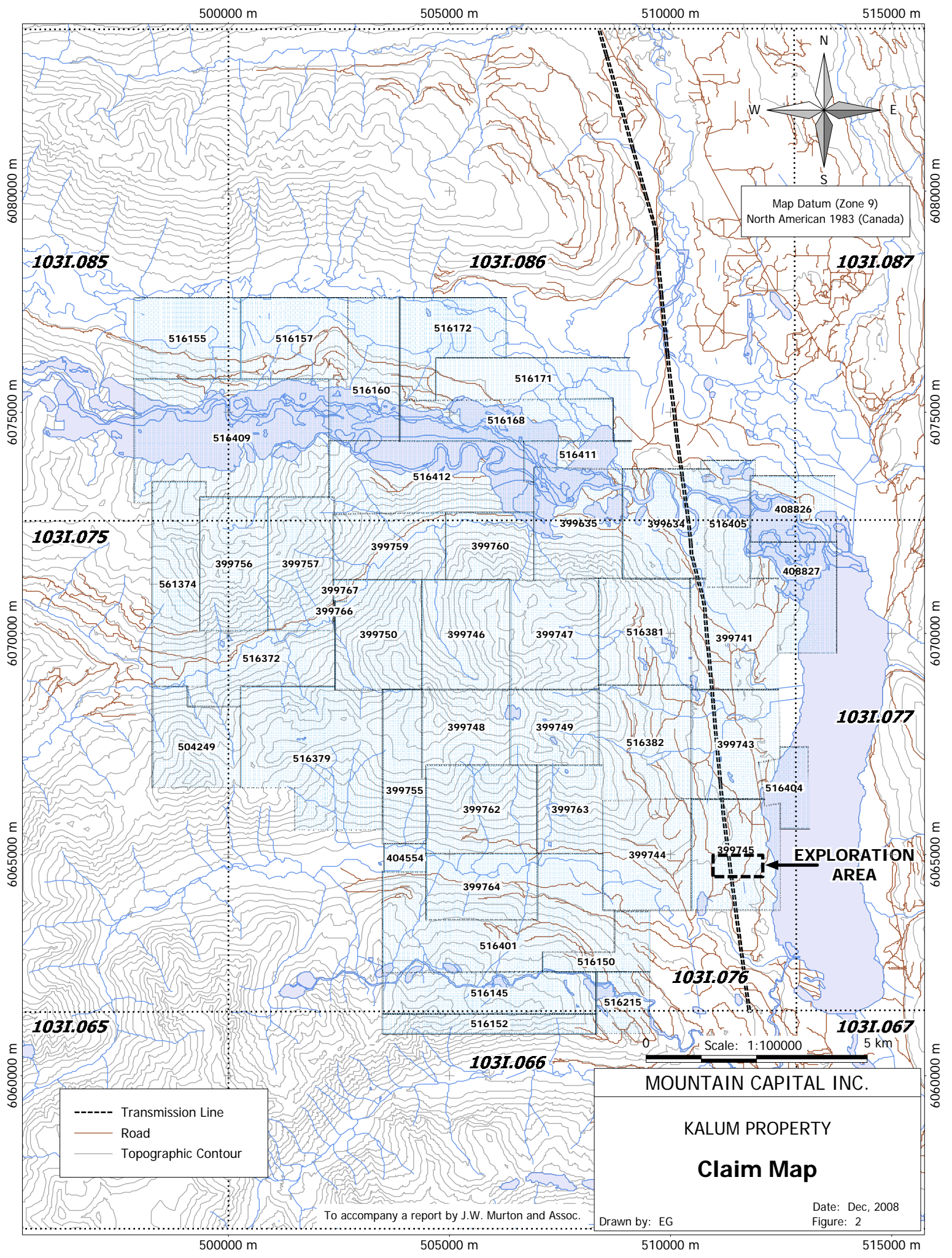
All claims are in the Skeena Mining Division.

**TABLE 1**  
**CLAIM INFORMATION**

Tenure Number	Claim Name	Map Number	Expiry date	Mining Division	Area (ha)	Tag number
504249	HAT 3	103I075	2010/nov30	19 Skeena	410.47	
516409	Conv Cat 1&2	103I086	2010/nov30	19 Skeena	1173.53	
404554	DREAM 19	103I076	2010/nov30	19 Skeena	100.00	630698
516404	Conv CY 1&2, Kal 1-3	103I076	2010/nov30	19 Skeena	205.31	
399634	YCC 1	103I086	2010/nov30	19 Skeena	500.00	240111
399747	YCC 10	103I076	2010/nov30	19 Skeena	500.00	240120
399748	YCC 11	103I076	2010/nov30	19 Skeena	400.00	240121
399749	YCC 12	103I076	2010/nov30	19 Skeena	400.00	240122



399750	YCC 13	103I076	2010/nov30	19 Skeena	500.00	240123
516372	Conv YCC 14 & 15	103I076	2010/nov30	19 Skeena	522.20	
516379	Conv YCC 16 & 17	103I076	2010/nov30	19 Skeena	933.08	
399755	YCC 18	103I076	2010/nov30	19 Skeena	350.00	240128
399756	YCC 19	103I076	2010/nov30	19 Skeena	450.00	240129
399635	YCC 2	103I086	2010/nov30	19 Skeena	500.00	240112
399757	YCC 20	103I076	2010/nov30	19 Skeena	450.00	240130
516412	Conv YCC 21 & 24	103I086	2010/nov30	19 Skeena	857.13	
399759	YCC 22	103I086	2010/nov30	19 Skeena	450.00	216721
399760	YCC 23	103I086	2010/nov30	19 Skeena	300.00	216728
399762	YCC 25	103I076	2010/nov30	19 Skeena	500.00	216725
399763	YCC 26	103I076	2010/nov30	19 Skeena	300.00	216726
399764	YCC 27	103I076	2010/nov30	19 Skeena	375.00	216727
516401	Conv YCC 28, Dream 1-18	103I076	2010/nov30	19 Skeena	1046.11	
516381	Conv YCC 3	103I076	2010/nov30	19 Skeena	671.30	
399741	YCC 4	103I076	2010/nov30	19 Skeena	500.00	240114
516382	Conv YCC 5	103I076	2010/nov30	19 Skeena	671.76	
516405	Conv YCC 50-59	103I086	2010/nov30	19 Skeena	391.42	
399743	YCC 6	103I076	2010/nov30	19 Skeena	500.00	240116
516411	Conv YCC 60-63	103I086	2010/nov30	19 Skeena	223.58	
399766	YCC 64	103I076	2010/nov30	19 Skeena	25.00	630664M
399767	YCC 65	103I076	2010/nov30	19 Skeena	25.00	630665M
399744	YCC 7	103I076	2010/nov30	19 Skeena	500.00	240117
399745	YCC 8	103I076	2010/nov30	19 Skeena	500.00	240118
399746	YCC 9	103I076	2010/nov30	19 Skeena	500.00	240119
408826	KLM 1	103I076	2010/nov30	19 Skeena	300.00	242809
408827	KLM 2	103I076	2010/nov30	19 Skeena	500.00	242808
516215	Conv. Blood 1-4	103I076	2010/nov30	19 Skeena	168.20	
516374	Conv Hat 1 & 2	103I075	2010/nov30	19 Skeena	559.20	
516145	KALUM SOUTH		2010/nov30	19 Skeena	448.51	
516150	KALUM SOUTH 1		2010/nov30	19 Skeena	186.83	
516152	KALUM SOUTH 2		2010/nov30	19 Skeena	224.29	
516155	KALUM NORTH		2010/nov30	19 Skeena	446.79	
516157	KALUM NORTH 1		2010/nov30	19 Skeena	446.86	
516160	KALUM NORTH 2		2010/nov30	19 Skeena	446.94	
516168	KALUM NORTH 3		2010/nov30	19 Skeena	447.06	
516171	KALUM NORTH 4		2010/nov30	19 Skeena	446.98	
516172	KALUM NORTH 5		2010/nov30	19 Skeena	409.64	
				Total	<b>20762.16</b>	



Map Datum (Zone 9)  
North American 1983 (Canada)

**1031.085**

**1031.086**

**1031.087**

**1031.075**

**1031.077**

**1031.065**

**1031.066**

**1031.076**

**1031.067**

- Transmission Line
- Road
- Topographic Contour

**MOUNTAIN CAPITAL INC.**

**KALUM PROPERTY**

**Claim Map**

To accompany a report by J.W. Murton and Assoc.

Drawn by: EG

Date: Dec, 2008  
Figure: 2

Scale: 1:100000 5 km

**EXPLORATION AREA**

## **4.0 ACCESS, CLIMATE AND PHYSIOGRAPHY**

The project area is situated 35 kilometers (km) northwest of the city of Terrace, B.C., approximately 600 km north of Vancouver (Figure 1). Terrace is located along the Yellowhead Highway, approximately 100 km east of the major port of Prince Rupert, and 60 km 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. A hydroelectric power line runs approximately north-south near the eastern boundary of the project area and bisects the 2008 area of work on the Burn showing.

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 250 to 1,500 metres 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 immediately 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 Burn area has relatively subdued topography with elevations in the areas worked ranging from 220-300 m above sea level.

The weather is typically coastal with wet summers and heavy snowfall in the winters. Large snow drifts cover higher elevation 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.

## **5.0 HISTORY**

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 locations of the Minfile Showings with respect to the Property boundaries are shown in Figure 3. The Kalum Lake and Burn occurrence is discussed in some detail as it was the area of focus for the 2008 work program. Other mineral occurrences are listed following the Burn discussion as reference to the amount of past work completed on the mineral tenures.

### **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 re staked 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). Drill core from the 1987 program was stored at the drill sites 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.

## **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**

## **MISTY OCCURRENCE**

MINFILE NAME **MISTY**; OTHER NAMES MOSS, CREEK  
MINFILE NUMBER **103I 213**

## **CHRIS OCCURRENCE**

MINFILE NAME **CHRIS**; OTHER NAMES ORO, IKE, BEAVER, MAYOU, LAURA  
MINFILE NUMBER **103I 174**

## **MARTIN OCCURRENCE**

MINFILE NAME **MARTIN**; OTHER NAMES NOBLE, REX, GLEN NO.1  
MINFILE NUMBER **103I 020**

## **HAT OCCURRENCE**

MINFILE NAME **HAT**; OTHER NAMES DRUM, KIT  
MINFILE NUMBER **103I 173**

## **6.0 GEOLOGICAL SETTING**

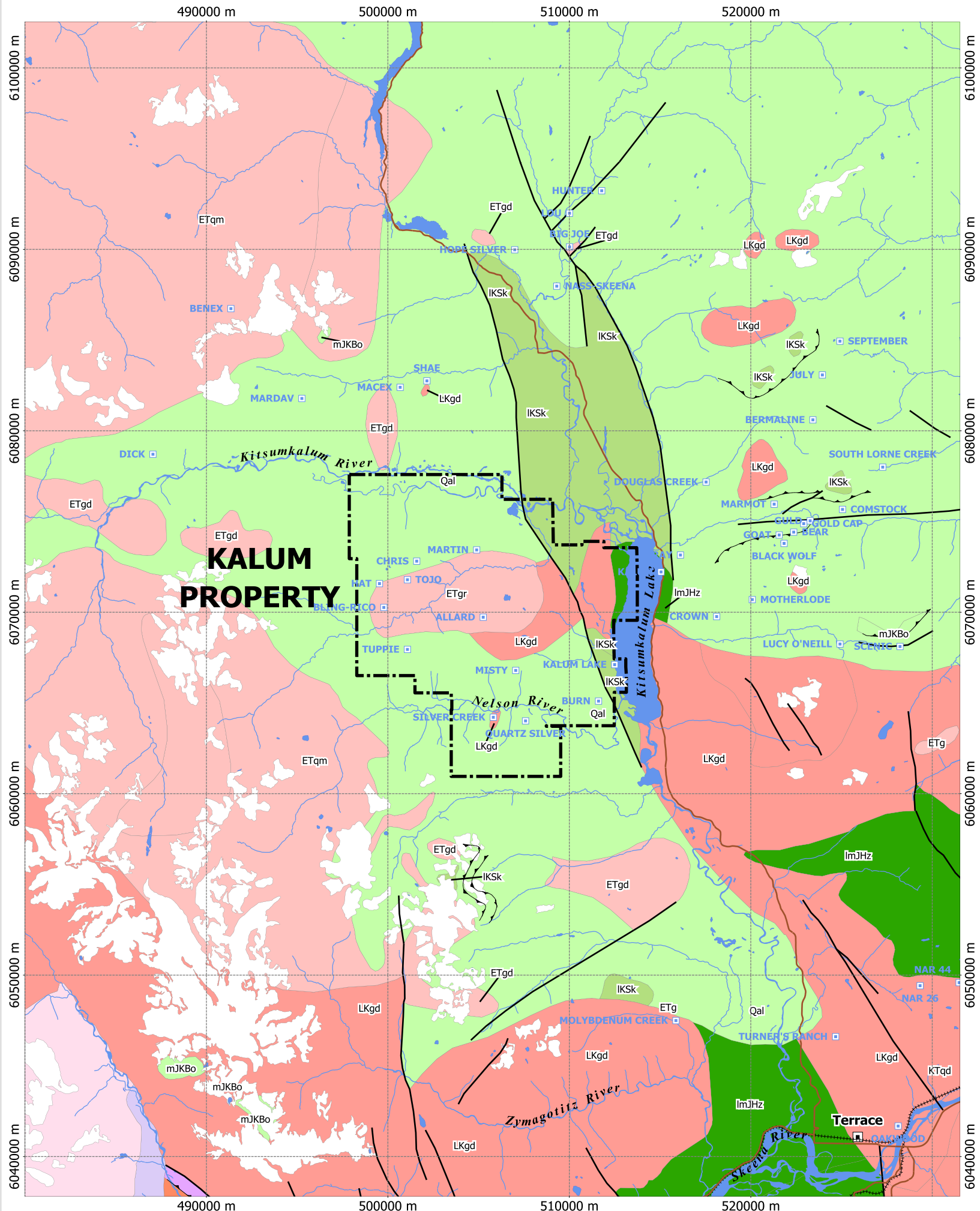
### **6.1 REGIONAL GEOLOGY**

The geology in the Terrace area is dominated by a broad anticlinal structure that trends NNE from Kitimat, has a 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. 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.

### **6.2 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 Ogrzylo, 1988).



## Volcanic and Sedimentary Rocks

### CENOZOIC

Neogene to Quaternary

**Qal** **Quaternary cover:** Alluvium, glaciofluvial gravels and sand, till.  
*(Note: the extensive Quaternary deposits of the Rocky Mountain foothills and the Peace River area have been omitted as they would completely cover and obscure the bedrock geology.)*

### MESOZOIC

Jurassic to Cretaceous

**mJKBo** **Bowser Lake Group:** Heterolithic conglomerate, sandstone, siltstone, mudstone, shale, feldspathic wacke, minor coal; minor basalt and andesite flow, breccia and tuff, dacitic lava flows, lapilli tuff.

Lower Cretaceous

**IKSk** **Skeena Group:** Feldspathic and volcanic sandstone, siltstone, shale, mudstone, chert- pebble conglomerate, minor coal; augite- plagioclase phyric alkaline basalt to basaltic andesite, plagioclase phyric andesite to dacite; aphyric basalt, green to maroon mafic lapilli tuff, volcanic breccia, rhyolite to dacite flows.

Lower to Middle Jurassic

**ImJHz** **Hazleton Group; Griffith Creek and Hotnarko Volcanics:** Calcalkaline basalt to rhyolite pyroclastics and flows, derived volcanoclastic conglomerate, breccia, sandstone, siltstone, shale, minor limestone and marl.

### Intrusive Rocks

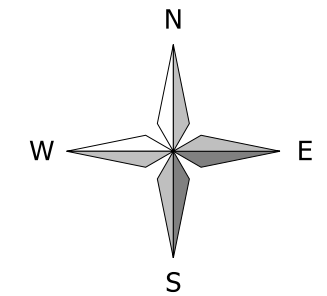
#### CENOZOIC

**ET** **Early Tertiary:** diorite (dr), monzodiorite (dg), gabbro (gb), granodiorite (gd), granite (gr), quartz diorite (qd), quartz monzonite (qm), syenite (sy), tonalite (to), diabase (db), quartz porphyry (qp), feldspar porphyry (fp), orthogneiss (og), migmatite (mi) and undifferentiated intrusive rocks (g).

#### MESOZOIC

**LK** **Late Cretaceous:** diorite (dr), gabbro (gb), granodiorite (gd), granite (gr), quartz diorite (qd), quartz monzonite (qm), syenite (sy), tonalite (to), quartz porphyry (qp), feldspar porphyry (fp), orthogneiss (og), and undifferentiated intrusive rocks (g).

- Fault
- |— Thrust
- Ice
- Road
- - - - - Railway
- Minfile Occurrence
- Community



Datum (Zone 9)  
 North American 1983 (Canada)

Scale: 1:250000  
 0 10 km

**MOUNTAIN CAPITAL INC.**

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**KALUM PROPERTY**  
 Regional Geology and  
 Mineral Occurrences

Date: Dec, 2008  
 Figure: 3

Drawn by: EG

### **6.3 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.

#### **BOWSER LAKE GROUP**

Bowser Lake Group rocks on the property are comprised of a monotonous package of arenite, greywacke, argillite, 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.

#### **COAST PLUTONIC COMPLEX**

The Coast Plutonic Complex and associated hypabyssal intrusions on the property have a large range in composition and texture. 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. 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-porphyrific granodiorite and medium-grained hornblende-biotite granodiorite. Medium- to fine-grained dioritic portions of the Allard pluton occur near its NE margin, and along the western shore of Kitsumkalum Lake. Pyroxene, most likely augite, is also a common mineral in the granodiorite and diorite phases

Many sills, dykes and plugs of variable composition and texture intrude Bowser Lake Group rocks around the margins of the main pluton, 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-porphyrific diorite with unknown width intrudes the Allard pluton near its northern margin.

In the area of the Kalum Lake and Burn showings, the intrusive type is granodiorite. This rock is grey and equigranular with medium-grained texture consisting of quartz, plagioclase, K-feldspar and occasional euhedral hornblende. See Fig. 4. Its estimated modal percentage is as follows:

Quartz – 30%  
K-feldspar – 20%  
Plagioclase – 15%  
Mafics – 35%

### **6.4 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.



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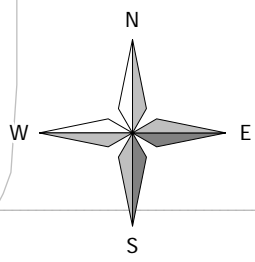
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Map Datum (Zone 9)  
North American 1983 (Canada)  
Map No. 1031.076  
True N is 0.082 W of UTM Grid N  
Magnetic Declination: 20° 30'E



1+00W

0+00

L36+50N

L36+00N

L35+50N

L35+00N

L34+50N

L34+00N

L33+50N

L33+00N

L32+50N

3+00W

7+00E

6+00E

5+00E

GRANODIORITE

ARGILLITE

**LEGEND**

	Topographic Contour		Rock Sample (Values in ppm Au)
	Creek		<0.100 ppm Au
	Transmission Line		0.100-0.500 ppm Au
	Gravel Road 2 Lane		0.500-1.000 ppm Au
	Gravel Road 1 Lane		>1.000 ppm Au
	Rough Road		
	Drill Hole Collar		
	Drill Hole Projected		

0 Scale: 1:5000 250 m

MOUNTAIN CAPITAL INC.  
KALUM PROPERTY  
Burn Area  
**LOCAL/BURN GEOLOGY AND  
ROCK GEOCHEMISTRY - GOLD**  
Date: Dec, 2008  
Figure: 4

To accompany a report by J.W. Murton and Assoc.

Drawn by: EG

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## **6.5 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 as pervasive alteration in more mafic portions of the stock (e.g. east of Hat vein) and especially with mineralized quartz veins on the eastern side of the property (e.g. Kalum Lake and Burn veins).
2. Ankeritic/silicic/pyritic alteration associated with mineralized veins hosted in granodiorite and diorite.
3. Argillic/silicic/pyritic alteration around and distal to mineralized veins (e.g. Kalum, Burn and north Kalum).
4. Silicic and pyritic (lesser chalcopryrite and arsenopyrite) alteration as a pervasive phase in the contact aureole of the main stock.

In the drill logs of the 2008 diamond drill program on the Burn area, the most common alteration noted was a varied assemblage of propylitic and argillic/silicic/pyritic alteration within the granodiorite. The argillite component of the rock package exhibited occasional argillic / pyritic alteration that was not necessarily associated with any intrusive contact. Many contact zones between the granodiorite and argillite were either gradational with little to no alteration halo or were in weak fault contact. The strength of the fault contacts was anomalous in many cases in that if the granodiorite at this Burn location is an overthrust sheet onto the older argillite, one would expect that it should exhibit a much stronger and larger zone of faulting than was observed. In many cases, a contact that was knife edge in appearance was the norm.

## **6.6 STRUCTURAL GEOLOGY**

The structural architecture of the rocks on the Kalum property can be described in terms of four main structural elements consisting of: bedding, intrusive bodies (sills/dykes and pluton contacts), 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.

### **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.

### **Faults**

The faults measured by Eagle Plains 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 consistent with a late extensional event.

### **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.

## **7.0 MINERALIZATION**

Mineralization on the property is dominantly high-grade Au-Ag, epithermal to mesothermal vein-style. Many of the prospects occur near the margins of the Allard Pluton or in “satellite” stocks as in the Kalum Lake / Burn area.

The Kalum Lake / Burn area mineralization has been well documented by Eagle Plains and is included following, along with results from the 2008 work program. Other mineralization on this large property may be seen in earlier assessment reports by Eagle Plains.

Mineralization at the Kalum Lake occurrence (Minfile103I019) is of the epigenetic-vein type typically consisting of a quartz gangue with pyrite, chalcopyrite, tetrahedrite and galena and with associated values of gold and silver. Mineralization is predominantly associated with the stronger propylitic alteration although minor pyrite is associated with many of the argillic sections. The two known veins on the property are good examples of this style of mineralization and occur in a small dioritic intrusion on the lake shore.

The #1 Vein, which was the focus of work in 1922 –23, is about 30 centimeters true width as exposed in the two shafts, strikes 037° and dips 45° southwest. Mineralization consists of pyrite, chalcopyrite, tetrahedrite, galena and visible gold in a quartz gangue. Selected samples collected from the dump between 1978 and 1984 have assay values ranging from trace to 193g/t gold and 0.34 – 477.3 g/t silver (Cavey and Chapman, 1987).

The #2 Vein, which is believed to be the vein followed by the adit in 1923, has been trenched for approximately 30 meters along strike to the west of the lake shore. This vein is similar in mineralogy to the #1 Vein, strikes 037° and dips 65° southeast. Vein width varies between 15 and 60 centimeters true width. The vein was intersected by DDH-TR-87-1 and generated values of 63.98 g/t gold and 168 g/t silver. Selected assay samples taken from the adit in 1937 indicate only a minor amount of gold and silver. Surface trench samples taken from the same vein in 1983 - 1984 have yielded values up to 251 g/t gold and 225.6 g/t silver. Diamond drilling results from the 1987 program indicate that both the #1 and #2 Veins steepen to sub vertical at depth. (Cavey and Chapman, 1987).

The Burn occurrence (Minfile 103I211) is located on a small granodiorite knob approximately 2.25 kilometers southwest of the main Kalum Lake showing. The granodiorite at this location is similar to the main showing but shows a greater degree of alteration caused by a higher density of quartz veining and shearing, oriented at approximately N30E. Pyrite and lesser galena and chalcopyrite are evident in the main showing area with selected grab samples from earlier reconnaissance trenching yielding values up to 16.8 g/t gold and 242.1 g/t silver (Cavey and Chapman, 1987). Surface sampling by the writer in 2008 returned values up to 0.531 g/t gold.

## **8.0 2008 EXPLORATION PROGRAM**

The 2008 exploration program on the Kalum property was carried out during the period June 2 – October 4, 2008, and consisted of :

Line cutting – 7.75 line km of cut grid  
Collection of 55 soil samples  
Collection of 8 rock samples  
I.P. Survey - 4.1 line km.  
Drilling of 11 NQ diamond drill holes.

### **8.1 LINE CUTTING**

A total of 550 m baseline and 7200 m of cross line in 9 lines were cut during the period August 12 – 18, 2008. The approximately N/S power line crossing the east edge of the property was used as a baseline and cross lines were cut at 50 m intervals oriented UTM east west. The contractor for the line cutting was Ridge Resources Exploration Services from Smithers, B.C.

### **8.2 SOIL SAMPLING**

A total of 55 soil samples were collected by the writer from the southern 3 lines of the cut grid. This area had not been sampled in earlier work by Eagle Plains and these samples were intended to fill in the gap in data over the suspected underlying granodiorite. Samples were collected from a well developed “B “ horizon generally from a depth of 15 – 40 cm. Samples were placed in Kraft soil sample bags and shipped for analysis to the Chemex Labs processing facility in Terrace B.C.

### **8.3 ROCK SAMPLING**

A total of 8 rock samples were collected by the writer from granodiorite outcrop exposures in the grid area. Samples were collected as grab samples from outcrop exposures exhibiting either excessive silicification and / or pyritic alteration / mineralization.

### **8.4 I.P SURVEY**

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 August 20 – 23, 2008. S.J. Geophysics Ltd. Of Delta, B.C. was the contractor for the survey. A total of 4.1 line km of survey were completed on 5 lines. The survey had to be terminated before the proposed completion due to torrential rains which rendered the ground conditions unsafe.

The focus of the survey was to attempt to define the extent of the visible pyrite mineralization containing variable amounts of gold, within the granodiorite “stock” on Tenure #399745. A N30E trending structural feature was also the target for the survey as well as overall dimensions of the granodiorite.

Details of the survey are included at the back of this report as Appendix 5.

## **8.5 DIAMOND DRILLING**

A total of 1,390 m of NQ diamond drilling was completed in 11 holes during the period Sept. 4 – 15, 2008. Contractor for the drilling was Matrix Diamond Drilling Inc. from Kimberley, B.C. using a Zinex A5 drill which is similar to a Boyles B20 machine.

The initial target of the drilling was a mineralized structure identified near L 36+00N, 1+00E trending N30E / S30W and its southern extension. One hole was drilled to undercut a pyritic altered, geochemically anomalous granodiorite exposure near L 34+00N, 2+50E.

All diamond drill holes were located with reference to the cut grid as well as by GPS coordinates. Most holes were surveyed for dip and azimuth at the bottom and top of hole using a Flexit survey instrument. Core recovery was for the most part, 100%.

Diamond drill core was logged by the writer and mineralized sections split by an assistant using a mechanical splitter at a secure location in Terrace, B.C. Samples were placed in heavy duty plastic sample bags and shipped for analysis to the Chemex Lab sample preparation facility in Terrace B.C. All sample intervals were marked in the core boxes including a duplicate assay tag to the tag that had been included with the sample shipped to the lab.

All diamond drill core is stored at a secure location north of Terrace, near Rosswood, at UTM coordinates 512999E, 6076705N.

## **8.6 RECLAMATION**

Reclamation was achieved with relative ease on this project as ground disturbance was negligible and the only work involved was cleaning up and dropping 2<sup>nd</sup> growth alder trees pushed over as a result of reopening an old trail / skid road. No excavation was made and an old trail along the power line was used for primary access. All skid trails and drill sites were backbladed and seeded with a high quality grass pasture mix to control erosion.

## **9.0 SAMPLE PREPARATION & ANALYSES**

All samples were collected by the writer.

Soil samples were collected using standard kraft sample bags and delivered by the writer to the ALS Chemex processing facility in Terrace.

Diamond drill core samples (split) were placed in rice bags and delivered to the ALS Chemex processing facility in Terrace. A sequence of standard, blank and duplicate samples were introduced into the core sample stream approximately every 15 – 20 samples. These samples along with ALS Chemex own internal sample checks were verification of the accuracy of analysis.

Gold analysis was performed using ALS Chemex Fire Assay procedure Au-ICP21.  
Gold results >10 ppm by the above method were subject to fire assay by gravimetric method Au-GRA21.  
ICP analysis was performed using ALS Chemex Geochemical procedure ME-ICP41.

A description of the analytical methods is included as Appendix 2.

## **10.0 RESULTS AND DISCUSSION**

### **10.1 SOIL SAMPLING**

The soil sampling results from the limited sampling program indicate that there is an erratic distribution of values for a variety of minerals in the area sampled. Previous work had indicated an anomalous area for gold in widely spaced sampling to the north of the presently sampled area. See the following figures 5-7 for gold, zinc and arsenic values in soil. As the number of samples was limited (55), an arbitrary threshold level for “anomalous” values was chosen for:

Gold > 0.100 ppm  
Zinc > 300 ppm  
Arsenic > 20 ppm

Other elements such as lead and copper were equally erratic as may be observed on the sample data sheets appended at the back of the report.

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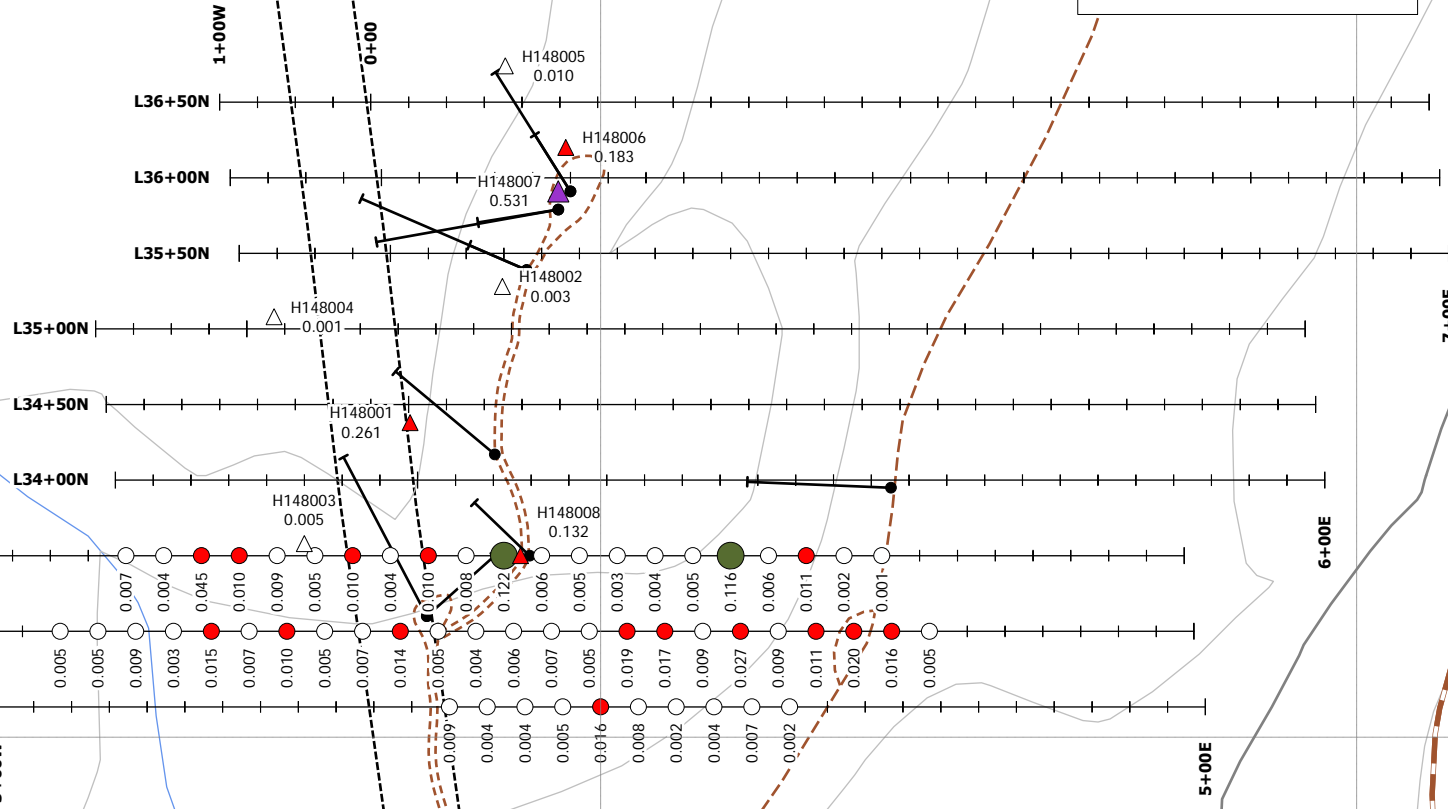
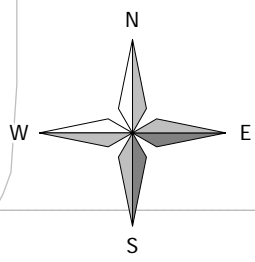
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Map Datum (Zone 9)  
North American 1983 (Canada)  
Map No. 1031.076  
True N is 0.082 W of UTM Grid N  
Magnetic Declination: 20° 30'E



**LEGEND**

Topographic Contour	<b>Soil Geochemical Categories</b>
Creek	<0.010 ppm Au
Transmission Line	0.010-0.050 ppm Au
Gravel Road 2 Lane	0.050-.0.100 ppm Au
Gravel Road 1 Lane	>0.100 ppm Au
Rough Road	<b>Rock Geochemical Categories</b>
Drill Hole Collar	<0.100 ppm Au
Drill Hole Projected	0.100-0.500 ppm Au
Rock Sample (Values in ppm Au)	0.500-1.000 ppm Au
Soil Sample (Values in ppm Au)	>1.000 ppm Au

0 Scale: 1:5000 250 m

MOUNTAIN CAPITAL INC.  
KALUM PROPERTY  
Burn Area  
**SOIL GEOCHEMICAL PLAN**  
**GOLD**

Date: Dec, 2008  
Figure: 5

To accompany a report by J.W. Murton and Assoc.

Drawn by: EG

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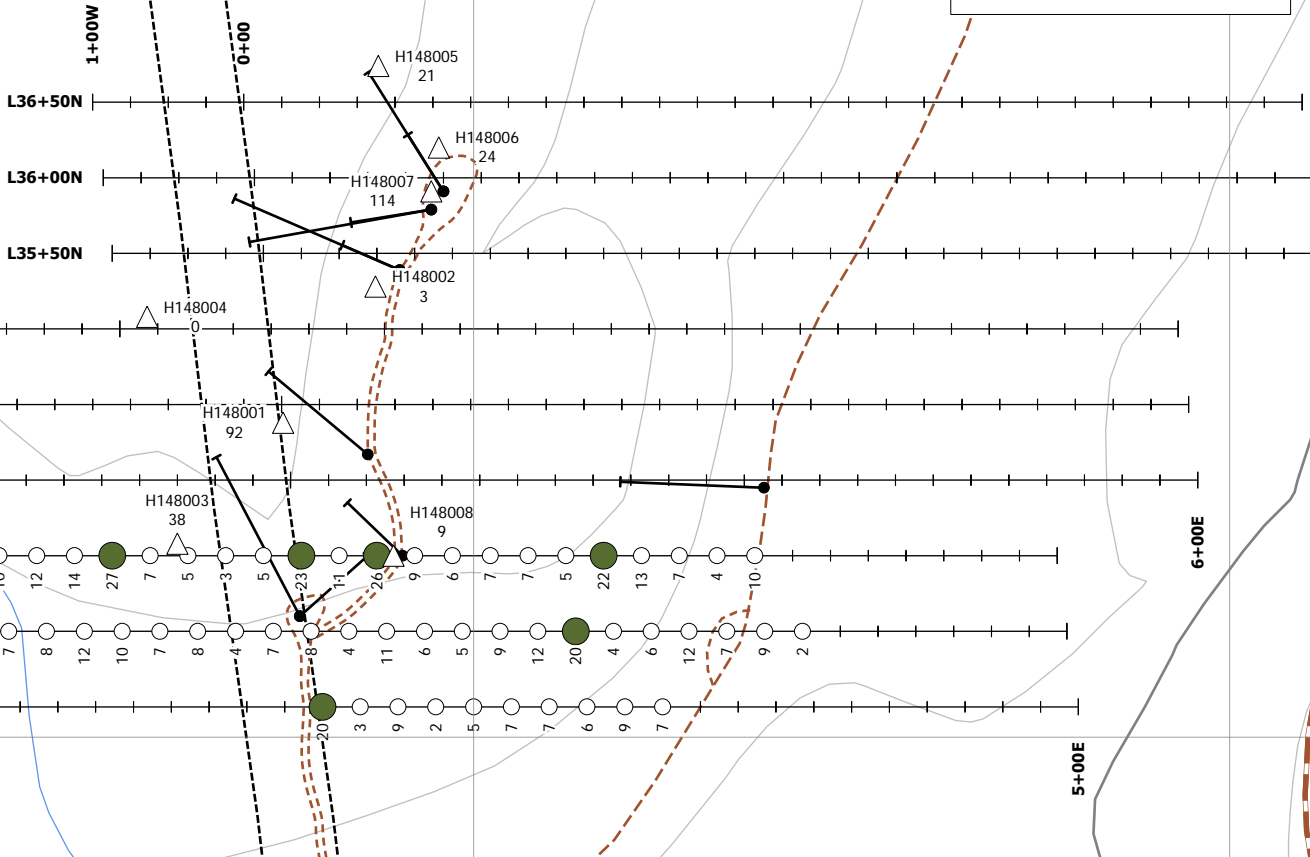
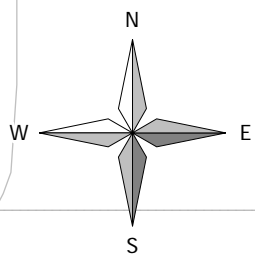
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Map Datum (Zone 9)  
North American 1983 (Canada)  
Map No. 1031.076  
True N is 0.082 W of UTM Grid N  
Magnetic Declination: 20° 30'E



**LEGEND**

Topographic Contour	Rock Sample (Values in ppm As)
Creek	Soil Sample (Values in ppm As)
Transmission Line	<b>Soil Geochemical Categories</b>
Gravel Road 2 Lane	<20 ppm As
Gravel Road 1 Lane	>20 ppm As
Rough Road	
Drill Hole Collar	
Drill Hole Projected	

0 Scale: 1:5000 250 m

MOUNTAIN CAPITAL INC.

KALUM PROPERTY  
Burn Area

**SOIL GEOCHEMICAL PLAN**  
**ARSENIC**

Date: Dec, 2008  
Figure: 6

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To accompany a report by J.W. Murton and Assoc.

Drawn by: EG



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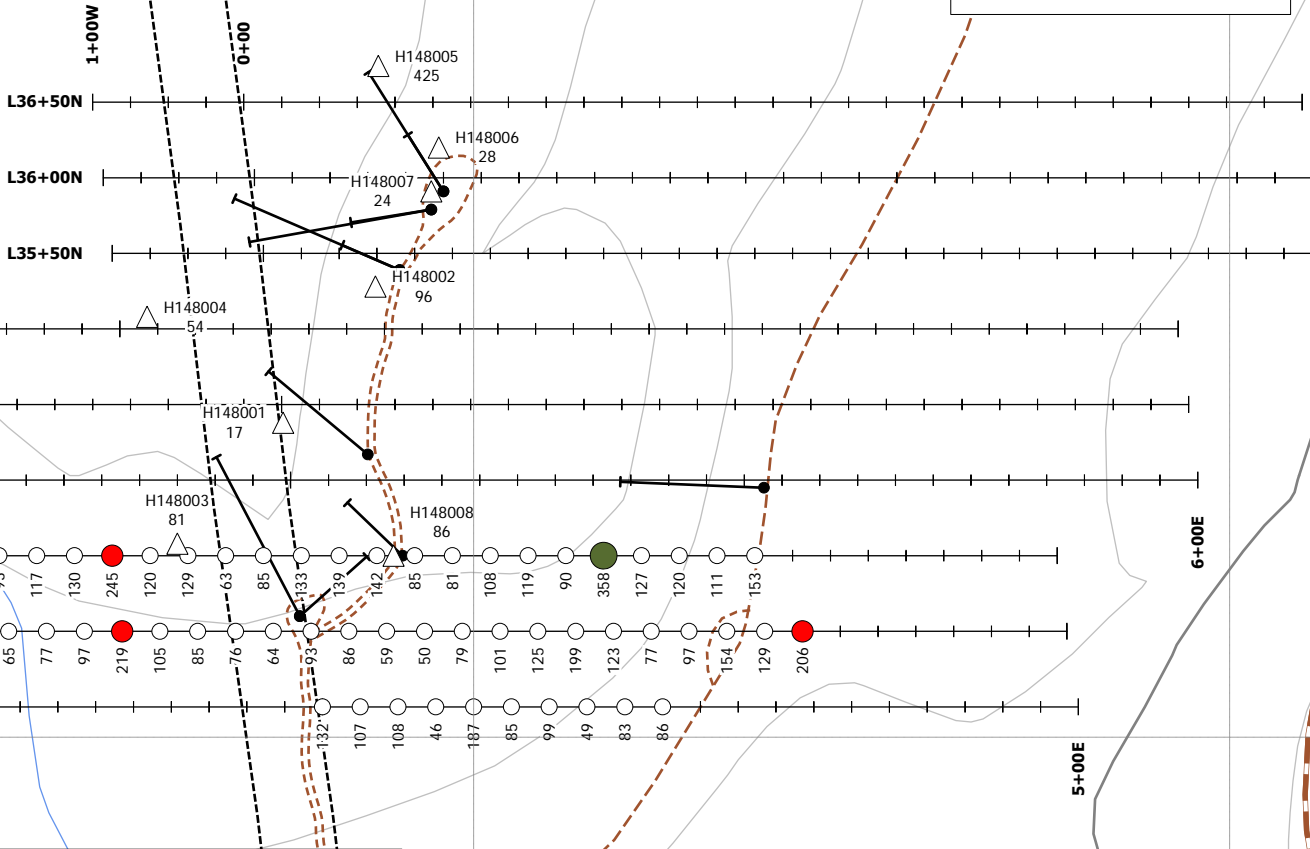
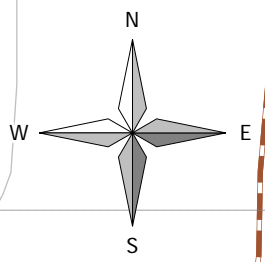
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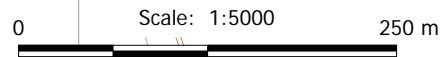
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Map Datum (Zone 9)  
North American 1983 (Canada)  
Map No. 1031.076  
True N is 0.082 W of UTM Grid N  
Magnetic Declination: 20° 30'E



**LEGEND**

Topographic Contour	Rock Sample (Values in ppm Zn)
Creek	Soil Sample (Values in ppm Zn)
Transmission Line	
Gravel Road 2 Lane	<b>Soil Geochemical Categories</b>
Gravel Road 1 Lane	<200 ppm Zn
Rough Road	200-300 ppm Zn
Drill Hole Collar	>300 ppm Zn
Drill Hole Projected	



MOUNTAIN CAPITAL INC.

KALUM PROPERTY  
Burn Area

**SOIL GEOCHEMICAL PLAN**

**ZINC**

Date: Dec, 2008  
Figure: 7

To accompany a report by J.W. Murton and Assoc.

Drawn by: EG

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## **10.2 ROCK SAMPLING**

SAMPLE DESCRIPTION	LOC E	ATION N	ROCK TYPE	DESCRIPTION	Au ppm
H148001 K5	511374	6064708	Grano	bio alt,crs grained, sil, grey	0.261
H148002 K7	511435	6064798	Grano	sil, ser alt, 1-5% py,pale grey	0.003
H148003 K8	511304	6064628	Grano	sil, qtzitic?,sl mica,rusty,5% py	0.005
H148004 K9	511284	6064778	Grano	grey, sil, 5% py, rubble	0.001
H148005 K10	511437	6064944	Grano	sil, chl, ser alt, med gr, 5% py str alt,bleached,	0.010
H148006 K12	511477	6064890	Grano	bio,sil,sheared qtzy, vein 1 m,str alt f gr	0.183
H148007 K13	511472	6064861	Grano	wallrock sil, bio alt, m gr 5%	0.531
H148008 K16	511447	6064620	Grano	py,gal?,qtzy	0.132

A sampling and mapping program was carried out over the area of the Burn grid with some success in locating areas of pyritic alteration resulting in a gossanous appearance in outcrop. Much of the area is underlain by relatively unaltered granodiorite but there are a series of roughly N30E trending structures that were observed on the higher elevation outcropping areas on the grid.

Alteration in the granodiorite is mainly chloritic / sericitic with or without pyrite. Rare chalcopyrite and galena were observed in more quartzly silicified sections.

## **10.3 I.P SURVEY**

The I.P. survey results are spectacular from the point of view of the strength of the 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. This feature of the orientation of the granodiorite was not available for consideration when the diamond drilling was initiated.

The complete results of the I.P survey are appended at the back of the report as Appendix 5.

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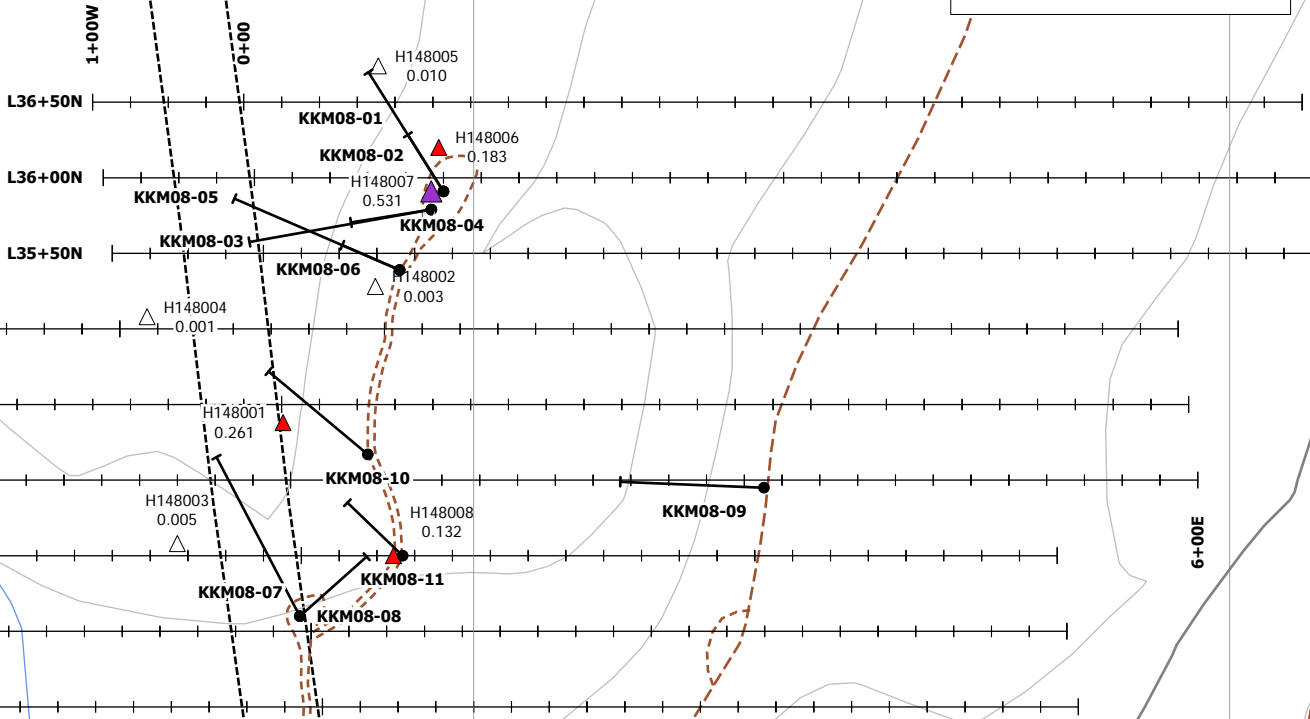
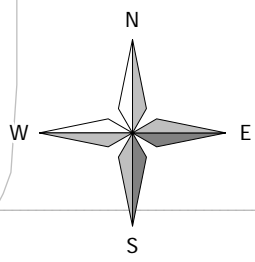
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Map Datum (Zone 9)  
North American 1983 (Canada)  
Map No. 1031.076  
True N is 0.082 W of UTM Grid N  
Magnetic Declination: 20° 30'E



**LEGEND**

Topographic Contour	Drill Hole Collar
Creek	Drill Hole Projected
Transmission Line	<b>Rock Geochemical Categories</b>
Gravel Road 2 Lane	<0.100 ppm Au
Gravel Road 1 Lane	0.100-0.500 ppm Au
Rough Road	0.500-1.000 ppm Au
	>1.000 ppm Au

0 Scale: 1:5000 250 m

MOUNTAIN CAPITAL INC.

KALUM PROPERTY  
Burn Area

**DRILL HOLE LOCATION PLAN**

Date: Dec, 2008  
Figure: 8

To accompany a report by J.W. Murton and Assoc.

Drawn by: EG

511000 m 511500 m 512000 m

## **10.4 DIAMOND DRILLING**

The diamond drilling program was successful in locating and tracing to the south, the slightly mineralized quartz rich bleached, altered weak shear structure associated with the previously indicated area of mineralization located on line 36+00N, 1+30E. This mineralization was traced to the south as is evident in holes KKM 08-01 to KKM 08-06 and is weakly evident either as the same structure in hole KKM 08-10 or as another sub parallel structure as in KKM 08-11.

The interesting and previously unrecognized relatively flat lying orientation of the granodiorite became evident when holes KKM 08-07, KKM 08-08 and KKM 08-09 were drilled.

The following table lists all the 2008 diamond drill holes and their locations.

**TABLE 2**  
**2008 DIAMOND DRILL HOLE LOCATION DATA**

<b>HOLE #</b>	<b>UTM COORD N</b>	<b>INATES E</b>	<b>AZM. TRUE N</b>	<b>ANGLE Deg.</b>	<b>ELEV. M</b>	<b>LENGTH m</b>	
KKM 08 - 01	6064861	511480	328	-45	275	131.71	
KKM 08 - 02	6064861	511480	328	-65	275	102.74	
KKM 08 - 03	6064849	511472	260	-45	274	169.82	
KKM 08 - 04	6064849	511472	259	-65	274	129.88	
KKM 08 - 05	6064809	511451	291	-45	264	169.82	
KKM 08 - 06	6064809	511451	291	-65	264	99.60	
KKM 08 - 07	6064580	511385	331	-45	260	172.56	
KKM 08 - 08	6064580	511385	046	-45	260	84.45	
KKM 08 - 09	6064665	511692	270	-45	240	139.33	
KKM 08 - 10	6064687	511430	306	-45	265	121.04	
KKM 08 - 11	6064620	511453	312	-45	265	<u>72.26</u>	
TOTAL						1393.21	

### **DDH KKM 08-01**

This hole was targeted at the down dip extension of the surface mineralization indicated on surface and by anomalous gold in rock sample H148007. Previous trenching work from likely the 1980's had left a large flat pad area adjacent to the "showing" resulting in relatively easy access and setup.

The -45° hole encountered 63.45 m of variable altered granodiorite before crossing into argillite which continued to the end of the hole at 131.71m. The targeted altered and mineralized structure was intersected from 12.65 - 44.30 m containing a "swarm" of quartz veins and veinlets with the most well mineralized assaying 28.70 g/t gold over 0.30 m. Other mineralized quartz veins and stringers in the mineralized interval resulted in an average grade of 0.973 g/t gold over 10.55 m.

The sporadic, weakly mineralized quartz stringers continued down the hole for the entire interval of the granodiorite with 2 intersections assaying 0.112 and 0.190 g/t gold over 1.20 and 1.00 m.

### **DDH KKM 08-02**

This hole was drilled underneath 08-01 at  $-65^{\circ}$  to test for a down dip continuation of the mineralization encountered in the first hole. As in 08-01, a weakly mineralized quartz stringer zone was encountered from 10.85 – 17.85 m with the best interval assaying 0.325 g/t gold over 1.15 m within a broader zone averaging 0.148 g/t gold over 7.00 m. At 25.35 m a well mineralized pyritic quartz stringer assayed 59.60 g/t gold over 0.15 m. This stringer contained observable galena and sphalerite. Further down the hole at 41.90 m, 2 quartz stringers with 5-20% pyrite resulted in an assay of 0.834 g/t gold over 0.70 m.

The granodiorite continued down hole to 61.20 m where it passed into argillite which continued to the end of the hole at 102.74 m. The cross section plot of holes 08-01 and 08-02 (Fig. 9) indicates that the granodiorite / argillite contact appears to have a shallow easterly dip of about  $30^{\circ}$ .

### **DDH KKM 08-03**

This  $-45^{\circ}$  hole is part of a 2 hole fan drilled near the first 2 holes but swung  $68^{\circ}$  to the south to attempt to gain an on strike extension to the mineralization located in holes 08-01 and 08-02.

As in the first holes, this hole encountered variably altered granodiorite to a depth of 118.10 m before passing into argillite which continued to the end of the hole at 169.82 m.

Three well mineralized quartz veins were encountered between 14.00 and 16.30 m resulting in a best assay of 21.70 g/t gold over 1.10 m within an broader interval assaying 11.95 g/t gold over 2.30 m. Deeper in the hole several intervals of increased quartz veining resulted in assays of 0.252 g/t gold over 4.90 m, 1.321 g/t gold over 2.80 m, 0.248 g/t gold over 4.40 m, 0.960 g/t gold over 4.10 m and 0.157 g/t gold over 1.50 m.

### **DDH KKM 08-04**

This hole drilled at  $-65^{\circ}$  underneath 08-03 was drilled to test the down dip continuation of the mineralization encountered in 08-03. It encountered variably altered granodiorite from the collar to a depth of 83.50 m when it passed into argillite to the end of the hole at 129.88 m.

A section of mineralization associated with increased quartz veining from 18.10 – 23.00 assayed 0.632 g/t gold over 4.90 m while deeper in the hole at 35.45 m an interval with increased quartz veining well mineralized with pyrite assayed 0.359 g/t gold over 8.80 m. At 59.40 m, a 1.60 m interval assayed 0.269 g/t gold.

The cross section plot of holes 08-03 and 08-04 (Fig. 10) indicates that the granodiorite / argillite contact appears to have a shallow westerly dip of about  $20^{\circ}$  which is a reversal of the proposed dip in holes 08-01-08-02. The reason for this reversal of apparent dip of the contact is not known.

### **DDH KKM 08-05**

This -45° hole, part of a fan of two holes to the south of the above holes was drilled to attempt to extend the trace of the mineralized zone in holes 08-01 thru 08-04 further to the south. It collared in strongly altered granodiorite which probably correlates with the well mineralized intervals in the earlier holes near their collar. It encountered variably altered and mineralized granodiorite to a depth of 158.50 m when argillite appeared until the end of the hole at 169.82 m.

Intervals of interest include 0.543 g/t gold over 4.65 m, 0.226 g/t gold over 0.20 m, 2.410 g/t gold over 0.20 m, 0.861 g/t gold over 0.50 m, 0.114 g/t gold over 1.45 m and 0.649 g/t gold over 0.58 m. This hole encountered the most extensive interval of granodiorite in the drilling campaign and also the most widespread quartz vein / stringer related mineralization.

A deep interval of alteration and veining with weak mineralization was encountered from approximately 110 m – 158 m within the granodiorite and may represent a previously undisclosed mineralized structure within the granodiorite.

### **DDH KKM 08-06**

This -65° hole underneath 08-05 was drilled to attempt to trace the mineralization in 08-05 down dip. It was partially successful in that the top of the hole intersected similar mineralization to that in 08-05 but over a narrower interval. Two intersections of gold mineralization were cut ; 0.267 g/t gold over 2.60 m and 1.00 g/t gold over 1.50 m.

Granodiorite variably altered and mineralized was intersected from the collar of the hole to a depth of 64.80 m when a mixed interval of argillite / granodiorite was intersected until the end of the hole at 99.60 m. As may be seen on cross section Fig.11, there is an apparent disruption in the granodiorite / argillite contact somewhere between the two holes on the section.

### **DDH KKM 08-07**

This hole was drilled to attempt to undercut a large granodiorite outcrop area that exhibited strong chlorite / sericite / pyrite alteration in contact with a slightly hornfelsed argillite. No granodiorite was intersected in this hole. No mineralization was observed in the argillite.

### **DDH KKM 08-08**

This hole was drilled from the same location under the power line as 08-07 but swung 90° to the east to undercut a well mineralized (pyrite) granodiorite outcrop in a road cut about 70 m to the east. Once again, a surprise, as the hole was completely in argillite / greywacke for the total length of 84.45 m. No mineralization was observed.

### **DDH KKM 08-09**

This hole was drilled from a location on the main access road to undercut a pyritic gossanous altered granodiorite exhibiting anomalous gold, arsenic and zinc soil geochemistry on a small hill about 30 m to the west from the drill hole collar. Once again, a surprise, as argillite was encountered for almost the complete hole other than a short intersection of medium altered, unmineralized granodiorite from 87.30 – 100.30 m. Total depth of the hole was 139.33 m.

### **DDH KKM 08-10**

This hole was drilled from a location about 120 m grid south from holes 05 and 06. It was drilled in an attempt to extend the mineralization located in 05 and 06 to the south along the approximate N30E trend.

The hole encountered a mixture of granodiorite and argillite for its total depth of 121.04 m. The amount of argillite was surprising as a pyritic area of granodiorite outcrop was evident immediately to the west from the drill setup as well as to the east from the setup. The granodiorite exhibited medium to strong chloritic / sericitic / pyritic alteration in several areas of the hole with the best intercepts assaying 0.134 g/t gold over 1.52 m and 0.202 g/t gold over 1.40 m, all associated with stringers and veinlets of quartz.

### **DDH KKM 08-11**

This hole was drilled about 70 m grid south from hole 08-10 to undercut from a different angle the mineralized granodiorite targeted in hole 08-08 as well as attempt to trace mineralization from 08-10 to the south.

A granodiorite / argillite mix was encountered until 34.90 m when the hole stayed in argillite to its end at 72.26 m. The granodiorite in the top of the hole assayed 0.244 g/t gold over 6.00 m while a deeper intersection assayed 0.490 g/t gold over 4.80 m, all associated with a high population of quartz veinlets and stringers variably mineralized with pyrite and occasional galena and sphalerite.

**DRILL COLLAR COORDINATES**  
 (Map Sheet 1031.076 - NAD 83 Zone 09)  
 KKM 08-01, 02: 511480E;6064861N

H148005  
 (+8m off section)  
 0.010g/t Au

H148006  
 (+13m off section)  
 0.183g/t Au

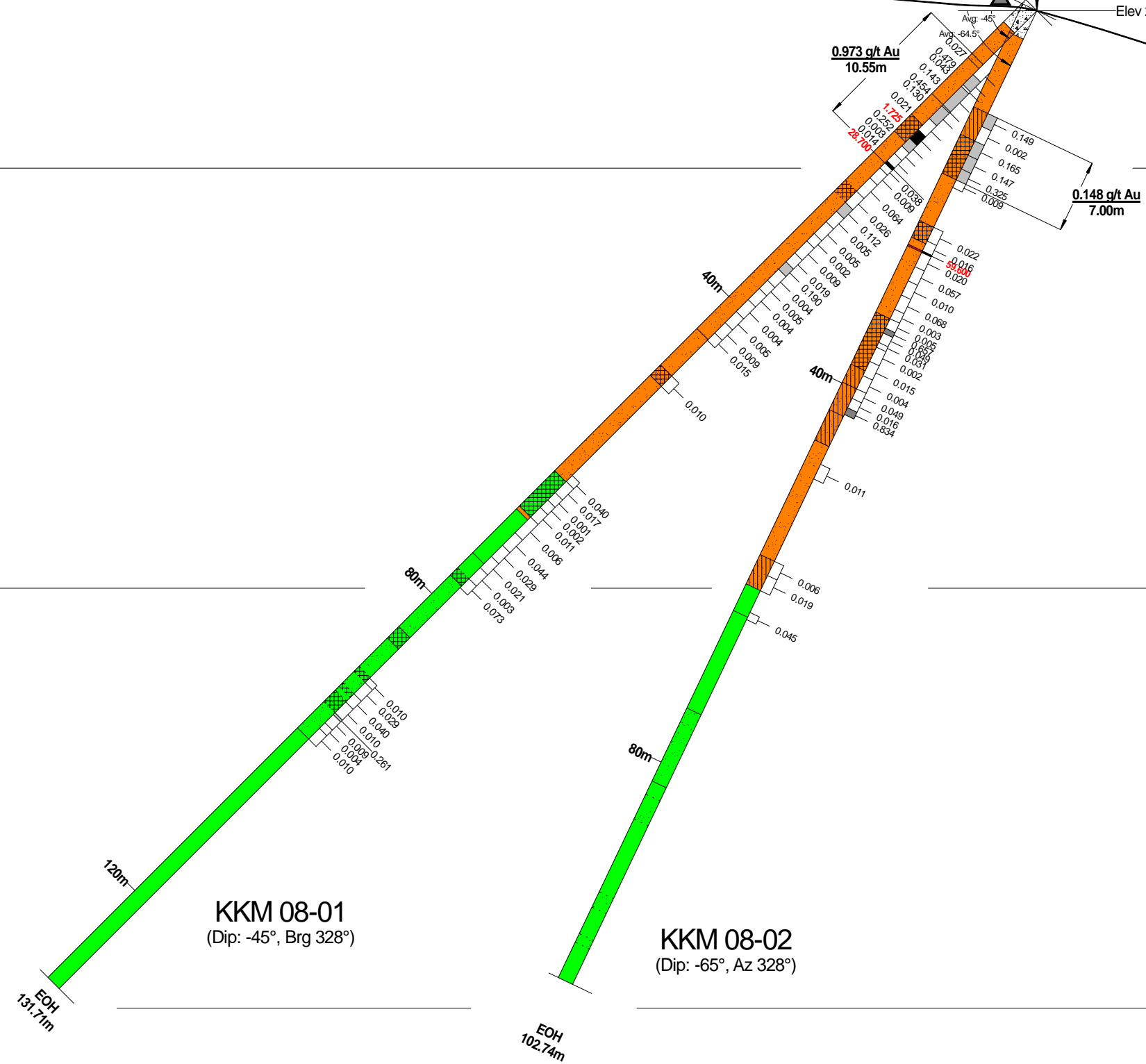
H148007  
 (-7m off section)  
 0.531g/t Au

Elev 275m

260m

220m

180m

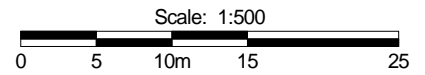


**LEGEND**

- Overburden
- Granodiorite
- Argillite
- Quartz
- Slight Alteration
- Medium Alteration
- Strong Alteration
- Rock Sample

**Lithology Sample**

Lithology Sample	Au g/t
	<0.100
	-0.100-0.500
	-0.500-1.000
	>1.000



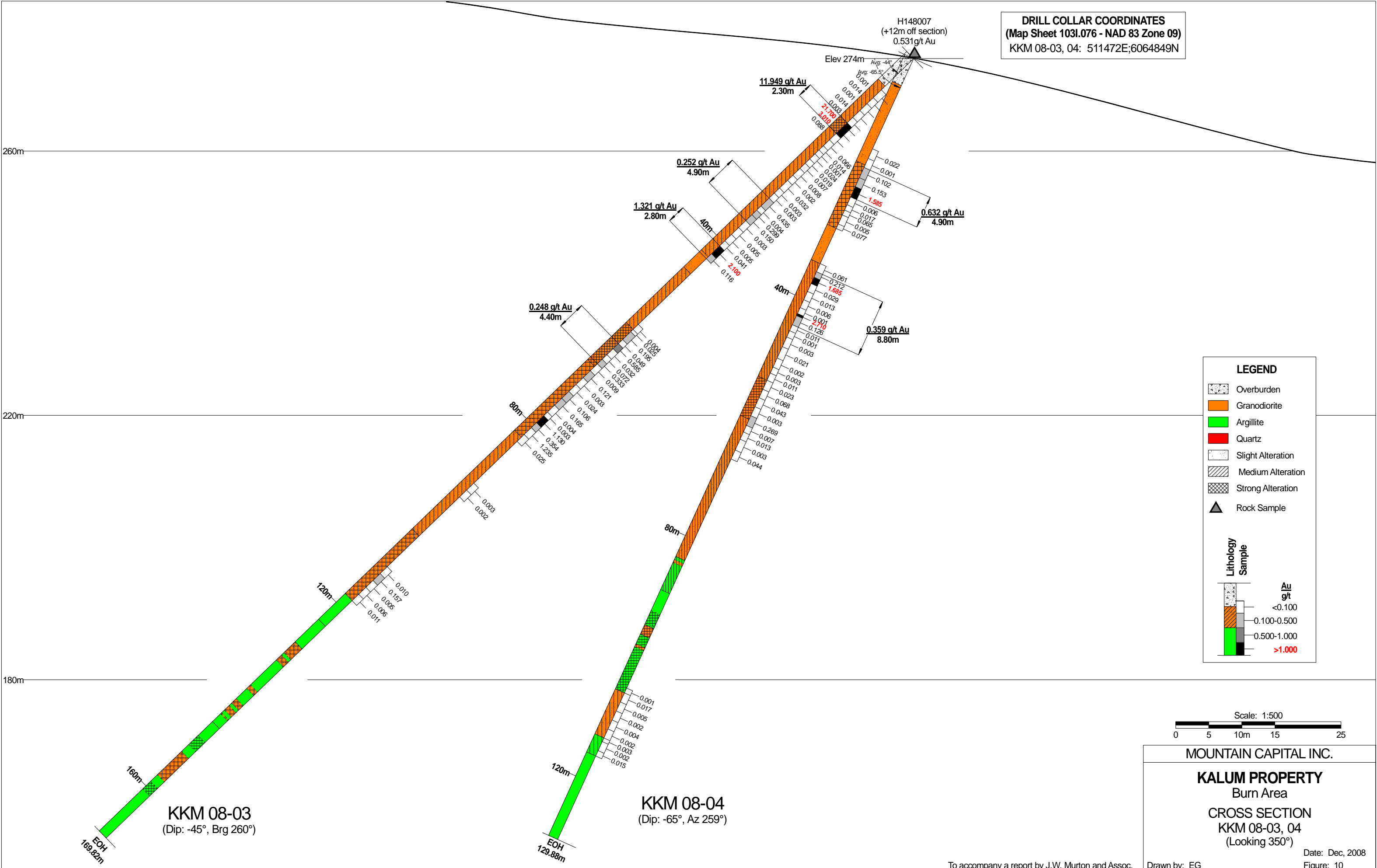
MOUNTAIN CAPITAL INC.

**KALUM PROPERTY**  
 Burn Area  
 CROSS SECTION  
 KKM 08-01, 02  
 (Looking 058°)

Date: Dec, 2008  
 Figure: 9



**DRILL COLLAR COORDINATES**  
 (Map Sheet 103I.076 - NAD 83 Zone 09)  
 KKM 08-03, 04: 511472E;6064849N



**KKM 08-03**  
 (Dip: -45°, Brg 260°)

**KKM 08-04**  
 (Dip: -65°, Az 259°)

H148007  
 (+12m off section)  
 0.531 g/t Au

Elev 274m  
 Avg: -65.5°

**11.949 g/t Au**  
 2.30m

**1.321 g/t Au**  
 2.80m

**0.252 g/t Au**  
 4.90m

**0.248 g/t Au**  
 4.40m

**0.632 g/t Au**  
 4.90m

**0.359 g/t Au**  
 8.80m

EOH  
 169.82m

EOH  
 129.88m

260m

220m

180m

160m

120m

80m

80m

120m

40m

40m

2.30m

2.80m

4.40m

4.90m

8.80m

80m

120m

120m

120m

2.30m

2.80m

4.40m

4.90m

8.80m

80m

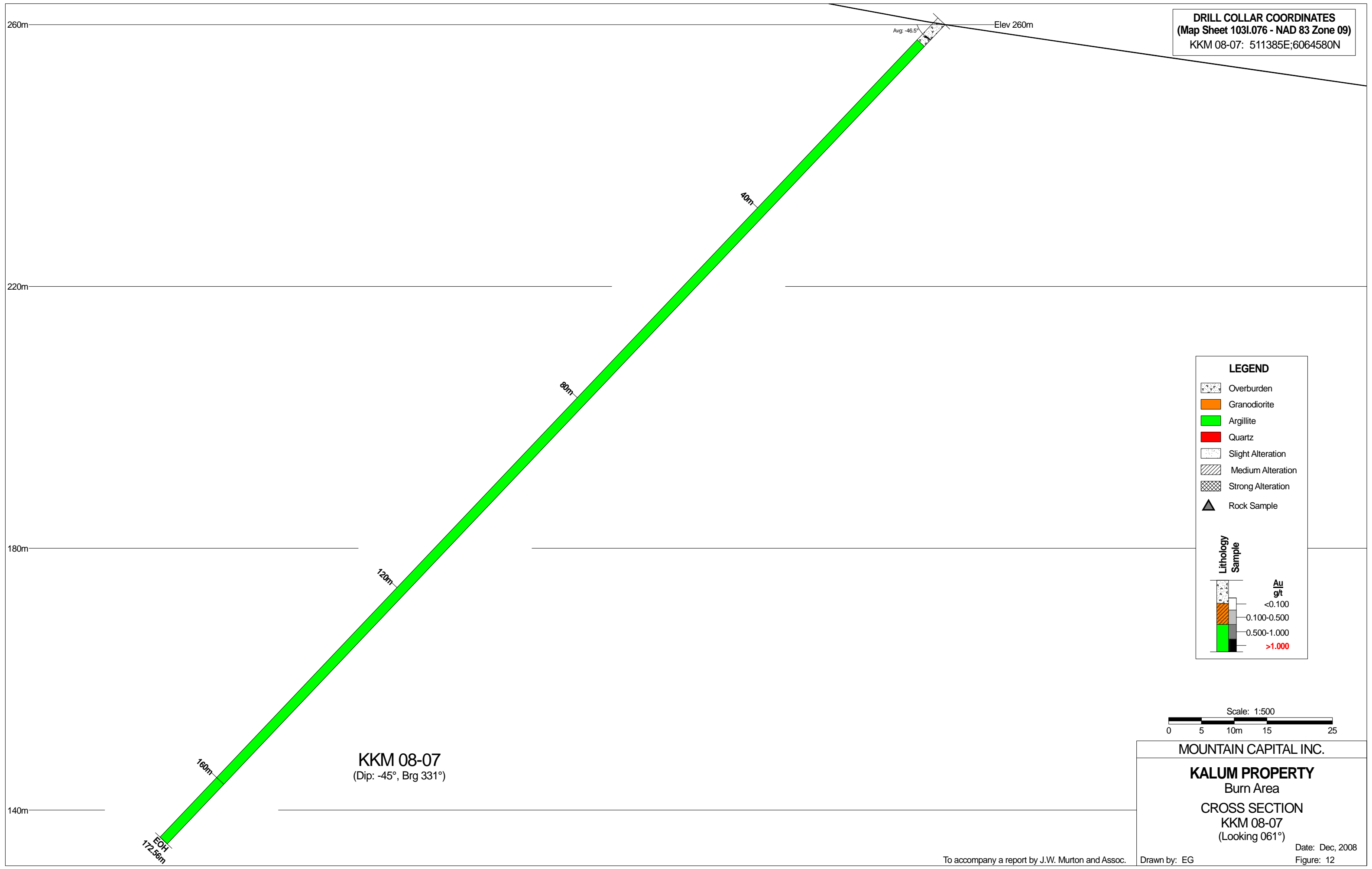
120m

120m

120m



**DRILL COLLAR COORDINATES**  
 (Map Sheet 103I.076 - NAD 83 Zone 09)  
 KKM 08-07: 511385E;6064580N



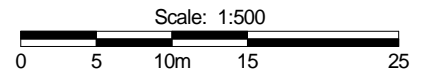
**KKM 08-07**  
 (Dip: -45°, Brg 331°)

**LEGEND**

- Overburden
- Granodiorite
- Argillite
- Quartz
- Slight Alteration
- Medium Alteration
- Strong Alteration
- Rock Sample

**Lithology Sample**

Lithology	Au g/t
	<0.100
	0.100-0.500
	0.500-1.000
	>1.000



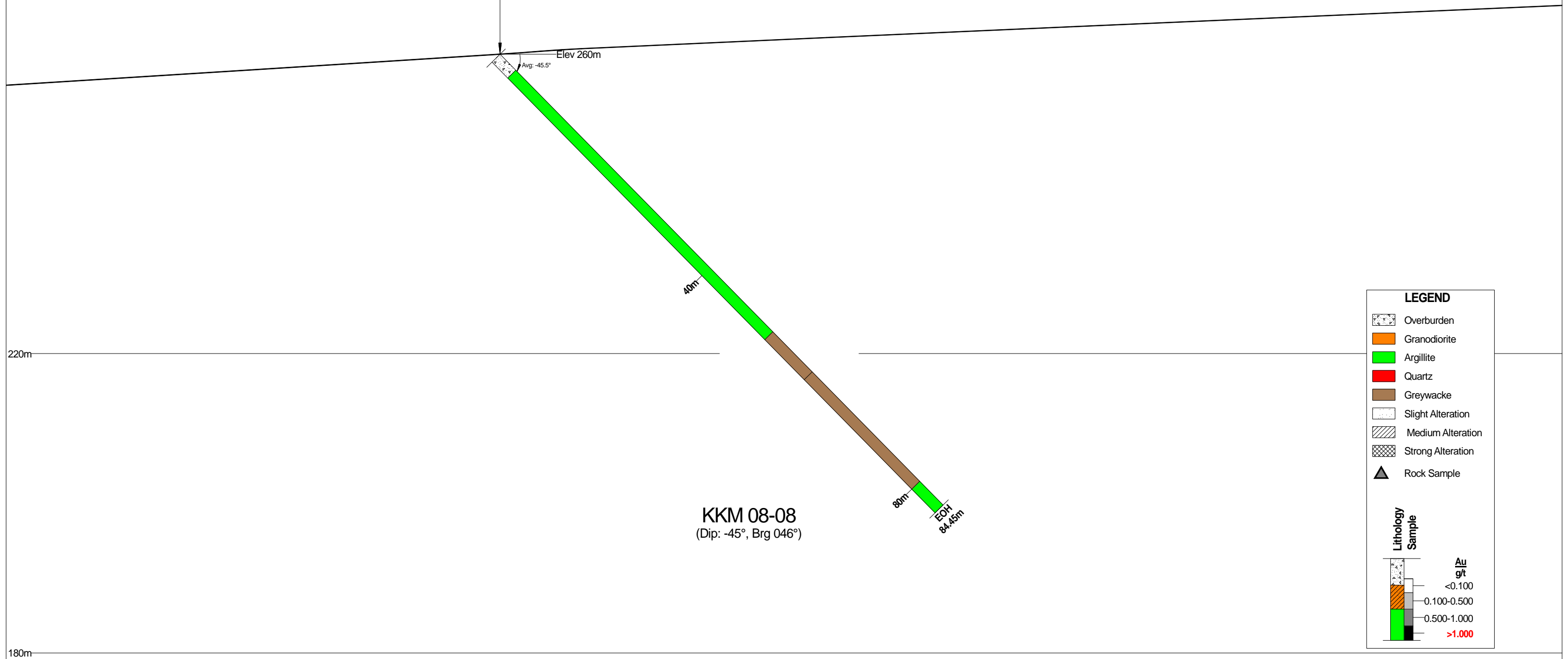
MOUNTAIN CAPITAL INC.

**KALUM PROPERTY**  
 Burn Area

**CROSS SECTION**  
 KKM 08-07  
 (Looking 061°)

Date: Dec, 2008  
 Figure: 12

**DRILL COLLAR COORDINATES**  
 (Map Sheet 103I.076 - NAD 83 Zone 09)  
 KKM 08-08: 511385E;6064580N



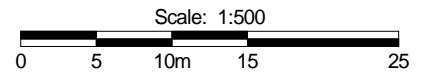
**LEGEND**

- Overburden
- Granodiorite
- Argillite
- Quartz
- Greywacke
- Slight Alteration
- Medium Alteration
- Strong Alteration
- Rock Sample

**Lithology Sample**

**Au g/t**

- <0.100
- 0.100-0.500
- 0.500-1.000
- >1.000



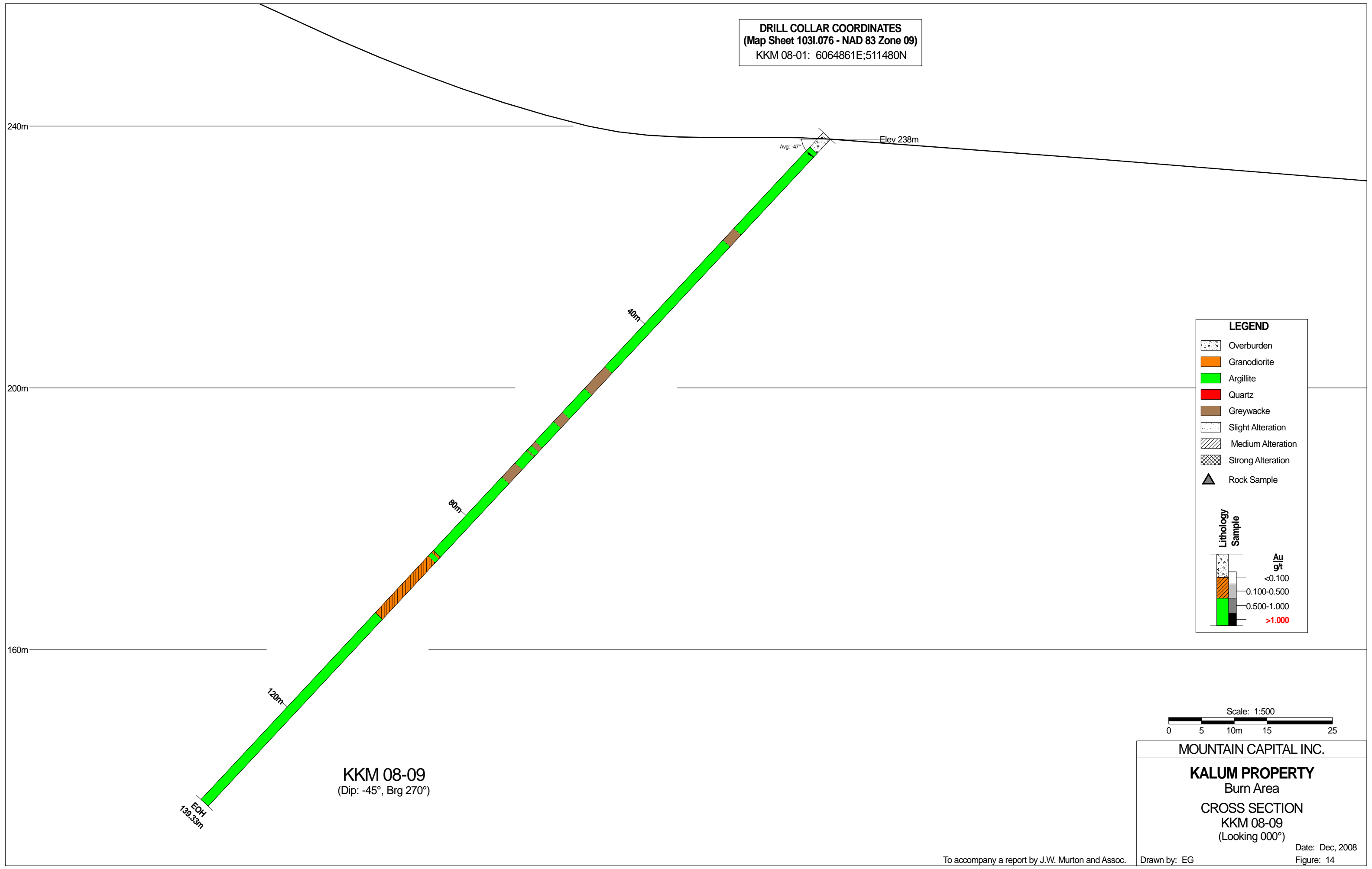
MOUNTAIN CAPITAL INC.

**KALUM PROPERTY**  
 Burn Area

**CROSS SECTION**  
 KKM 08-08  
 (Looking 316°)

Date: Dec, 2008  
 Figure: 13

**DRILL COLLAR COORDINATES**  
 (Map Sheet 103I.076 - NAD 83 Zone 09)  
 KKM 08-01: 6064861E;511480N



**LEGEND**

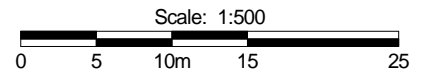
- Overburden
- Granodiorite
- Argillite
- Quartz
- Greywacke
- Slight Alteration
- Medium Alteration
- Strong Alteration
- Rock Sample

**Lithology Sample**

Lithology Sample	Au g/t
	<0.100
	0.100-0.500
	0.500-1.000
	>1.000

**KKM 08-09**  
 (Dip: -45°, Brg 270°)

EOH  
 139.33m



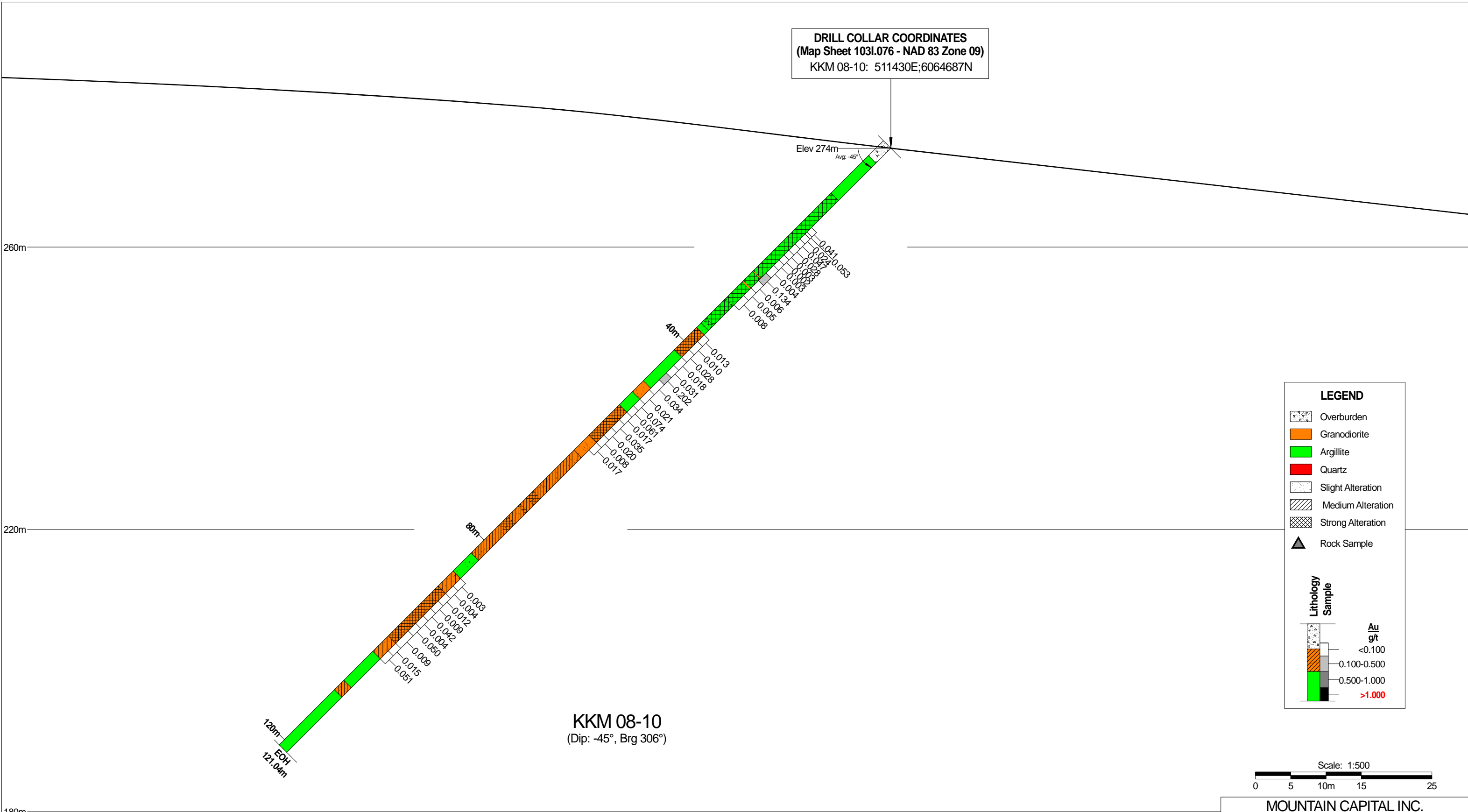
**MOUNTAIN CAPITAL INC.**

**KALUM PROPERTY**  
 Burn Area

**CROSS SECTION**  
 KKM 08-09  
 (Looking 000°)

Date: Dec, 2008  
 Figure: 14

**DRILL COLLAR COORDINATES**  
 (Map Sheet 1031.076 - NAD 83 Zone 09)  
 KKM 08-10: 511430E;6064687N



**KKM 08-10**  
 (Dip: -45°, Brg 306°)

MOUNTAIN CAPITAL INC.

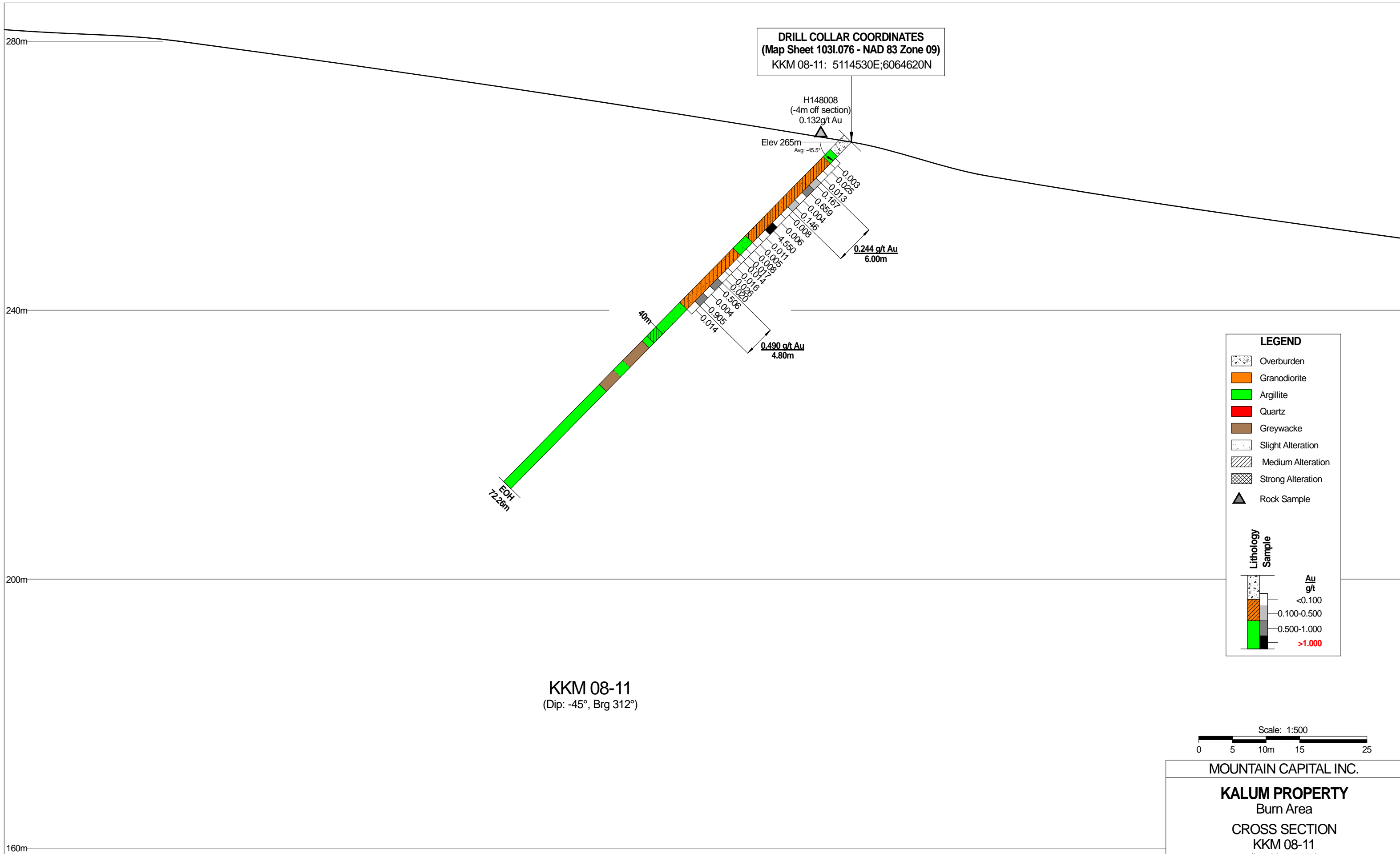
**KALUM PROPERTY**  
 Burn Area

**CROSS SECTION**  
 KKM 08-10  
 (Looking 036°)

Date: Dec, 2008  
 Figure: 15

To accompany a report by J.W. Murton and Assoc.

Drawn by: EG



KKM 08-11  
 (Dip: -45°, Brg 312°)

## **11.0 INTERPRETATION & CONCLUSIONS**

The program of exploration completed on the Kalum property during 2008 was successful in identifying the source of weak to moderate soil geochemistry in a granodiorite environment along with significant I.P. anomalous conditions in both the granodiorite as well as the underlying argillite.

A surprising result of the diamond drilling was the discovery that the targeted area of granodiorite with surface dimensions of approximately 500 m x 500 m (and possibly larger in extent) was in fact a very thick (up to 200 m) sill like and probably thrust emplaced granodiorite mass. To confound this assumption however was a noteworthy absence of faulting along much of the granodiorite / argillite contact as well as in some cases, an almost transitional contact between the two units where the actual contact was difficult to define.

Varying degrees of alteration including chlorite, sericite, silicification and pyritic alteration are possibly controlled by a series of approximately N30E structures within the granodiorite which are not well defined on surface and are only suggested from the orientation of the mineralization located on surface near DDH 08-01. The location of the original Kalum Lake showing some 2.5 km to the north east, lends some credence to the proposed structural trend.

The better grades of mineralization encountered in drilling are always associated with a significant increase in pyrite in quartz veinlets and stringers and usually associated with increased levels of lead, zinc, arsenic and rarely molybdenum. The high grade stringer zone located in holes 08-01 to 08-04 appears to continue to the south and is well defined in holes 08-05 and 08-06 and weakly indicated in hole 08-10. Whether this is the same mineralized structure is not certain.



## **12.0 STATEMENT OF COSTS**

### **COST STATEMENT**

Linecutting contract - Ridge Resources	7.75 km	\$	15,737.00
I.P.Survey contract - S.J.Geophysics	4.1 line km		35,680.44
Cat - drill site prep			2,254.36
Supervision / labour-soil sampling, I.P., Linecutters (29.25 days)			15,356.24
Diamond drilling contract - Matrix Diamond Drilling (1393.21m)			172,911.84
Supplies - core racks, logging, bags, reclamation			1,247.72
Equipment rental - core splitter, chain saw			246.45
Telecommunications			662.44
Accommodation			3,560.47
Food			1,823.55
Vehicle Rental			4,357.50
Gas			2,424.16
Core Splitter Labour			1,330.00
Reclamation Labour			540.00
Assaying - Chemex Labs			14,452.24
Supervision / Eng.- drill program, core logging, data eval. (52 days)			27,300.00
Drafting - report			2,210.25
Report preparation			<u>9,187.50</u>
TOTAL		\$	311,282.16

Dated the 31<sup>st</sup> day of December, 2008

J.W. Murton & Associates

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J.W. Murton P. Eng.

## **13.0 REFERENCES**

- Arndt, Richard E. (1989) : Report on Underground Exploration Program on the Kalum Lake Property; for Terracamp Developments Ltd.
- Baker, T. (2003) : Intrusion-Related Gold Deposits: Explorable Characteristics; Gold Short Course, Cordilleran Exploration Roundup, January 2003
- Bates, R.H. (1979) : Report on Diamond Drilling on BAV Mineral Claims #'s 1 – 4 Inclusive; MEMPR AR 8299
- Cavey, G. (1981) : Geological Report Chris Claims; for Prism Resources Limited, MEMPR AR 10523
- Cavey, George and Howe, Diane (1984) : Report on the Kalum Lake Claim Group; for Bradner Resources Ltd., MEMPR AR 13303
- Cavey, George and Chapman, Jim (1987) : Report on the 1987 Drilling Program, Kalum Lake Claims; for Terracamp Developments Ltd., MEMPR AR 16026
- Cavey, G. and Chapman, J. (1987) : Summary Report on the Quartz – Silver Claims; for Mt. Allard Resources Ltd., MEMPR AR 16411
- Chapman, J. (1988) : Summary Report on the Quartz – Silver Claims; for Mt. Allard Resources Ltd.
- Corbett, Greg (2002) : Epithermal Gold for Explorationists; AIG Journal Paper 2202-01
- Crooker, G.F. (1988) : Geochemical and Geophysical Report on the Misty and Misty 1 – 4 I Mineral Claims; for Corona Corporation, MEMPR AR 17952
- Downie, C.C. and Mosher, G.Z. (2003) Geological Report on the Kalum Gold Property; internal report prepared for Eagle Plains Resources Ltd.
- Downie, C.C. and Stephens, J.R. (2003) : Preliminary 2003 Geological Report for the Kalum Property; internal report prepared for Eagle Plains Resources Ltd.
- Downie, C.C. and Gallagher, C.S. (2004): 2004 Exploration and Geological Report for the Kalum Property; for Eagle Plains Resources Ltd.; MEMPR AR 27892
- Form 43-101F1 Technical Report
- Friedman, R.M., Diakow, L.J., Lane R.A. and Mortensen, J.K., (2001): New U-Pb age constraints on latest Cretaceous magmatism and associated mineralization in the Fawnie Range, Nechako Plateau, central British Columbia: Canadian Journal of Earth Sciences, Volume 38, pages 619-637.
- Jorgensen, Neil B. (1981) : Geological and Geochemical Report on the Misty 1 Claim; for C.C.H. Minerals Ltd., MEMPR AR 10128
- McNaughton, Ken (1987) ; Geochemical and Geophysical Report on the Misty, Misty I and Misty II Mineral Claims; for Mascot Gold Mines Limited, MEMPR AR 15455
- Morton, J.W. (1985): A Geological and Geochemical Survey of a Portion of the Quartz-Silver ( Q.S.) Claim Group (Quartz Hill Project); for Imperial Metals Corporation MEMPR AR 13455

Panteleyev, A. (1991): Gold in the Canadian Cordillera – A Focus on Epithermal and Deeper Environments; in Ore Deposits, Tectonics and Metallogeny in the Canadian Cordillera; BC MEMPR Paper 1991-4

Salazar, G. (1987): Evaluation of the Kalum Lake Project; for Terracamp Developments Ltd.

Stacey, J.S. and Kramers, J.D., (1975)L: Approximation of terrestrial lead isotope evolution by a two-stage model: Earth and Planetary Science Letters, v. 26, p. 207-221.

Stacey, Norman W. (1980) : Geological Report Mineral Claims Chris 1 – 4; for Prism Resources Limited, MEMPR AR 8393

Stephens, J. and Downie, C. (2003) : Exploration and Geological Report for the Kalum Gold Silver Project; for Eagle Plains Resources Ltd.

Tindall, M. (1987) : Geological and Geochemical Report on the Misty and Misty 1 – 4 Mineral Claims; for Mascot Gold Mines, MEMPR AR 16302

Wilson, Robert G. (1981) : Report on Geology and Soil Geochemistry on the Misty Claim; for Campbell Resources Inc., MEMPR AR 9239

Wilson, Robert G. (1982) : Report on Geology, Geochemistry, and Drilling on the Misty 1 Claim; for C.C.H. Minerals Ltd., MEMPR AR 10827

Wilson, Norma J. (1979) : Report on Prospecting Misty Claim; for CCH Resources Ltd., MEMPR AR 8201

Young, D. and Ogryzlo, P. (1988) : Geological and Geochemical Assessment of the Full and Moon Mineral Claims, MEMPR AR 17890

Young, D. and Ogryzlo, P. (1982) : Geological and Geochemical Assessment of the Hat and Flare Mineral Claims, MEMPR AR 10821

Young, D. and Ogryzlo, P. (1981) : Geological and Geochemical Assessment of the KM 9, KM 10 and Drum Mineral Claims, MEMPR AR 10045

EMPR MINFILE 103I 018, 103I019, 103I020, 103I151, 103I173, 103I174, 103I211, 103I213

## **14.0 CERTIFICATION**

I, James Wayne Murton of 1567 McNaughton Road, Kelowna B.C., V1Z 2S2, President of J.W. Murton & Associates, do hereby certify that:

I am a graduate of the University of Manitoba in 1961 with a B Sc. in Geology.

I am a member of the Association of Professional Engineers and Geoscientists of the Province of B.C., registered in 1972, No. 8324.

I have been a practicing Engineer and Geologist since 1961 in Ontario, Manitoba, Saskatchewan, British Columbia, Yukon, Southwestern U.S.A., Alaska, Ghana, Portugal, Venezuela, Ecuador, Brazil and Peru.

I have been a Manager for construction, development and production on small underground mines and mills in Alaska, Arizona, British Columbia and Ecuador.

I have read the definition of “qualified person” set out in National Instrument 43-101 (NI 43-101) and certify that by reason of my education and relevant work experience, I fulfill the requirements to be a “qualified person” for the purposes of NI 43-101.

I am not independent of Mountain Capital Inc as I am a director in the company.

As the author of this Exploration and Diamond Drilling Report I was responsible for the on site management and execution of the described work program completed during the period June 2 – October 4, 2008.

As of the date of this certification, to the best of the writer’s knowledge, information and belief, this Report contains all scientific and technical information that is required to be disclosed to make the report not misleading.

Dated this 31<sup>st</sup> day of December, 2008

J.W. Murton P. Eng.

Certificate of Charlotte Thibaud of S.J. Geophysics Ltd. at the back of the report in Appendix 5..

# **APPENDIX 1**

DRILL HOLE RECORD										HOLE # KKM 08-01						
COMPANY MOUNTAIN CAPITAL INC.				CO ORDS		TEST				CORE SIZE		NQ		SHEET # 1 of 2		
PROJECT KALUM				GRID	UTM	LOC	DIP	BRG	TYPE	RECOVERY	100%					
CLAIM / TENURE : 399745				E	511480	COL	-45	328	acid	STARTED	SEPT. 04 / 08		TOTAL DEPTH	131.71		
				ELEV	275					COMPLETED	SEPT. 05 / 08		LOGGED BY	J.W .MURTON		
				BRG	328											
										SAMPLE	INTERVAL m	CORE	TRUE	Au		
										FROM	TO	INT.	width	g/t		
INTERVAL	LITH	DESCRIPTION	ALTERATION %				MINERALIZATION				#	m	m	m	m	
m			chl	sil	ser	bio	epi					BOLD PRINT- ASSAY, STANDARD PRINT- ICP				
0 - 3.0	Casing															
3.0 - 7.8	Grano	med gr, grey,3mm bio phenos, v sl alt	10					7.95-10.18	qtz vnlt	white,<1% euhed py,	148051	8.60	9.95	1.35	0.027	
7.8 - 12.65	Grano	sl alt	20					10% diss py	on vein margins	over 2 cm.	148052	9.95	10.18	0.23	0.479	
12.65 - 17.70	Grano	highly alt, partially text destruct. pale yellow-green grey in bands at 45deg. Fg - med gr.	20		30	20		10.99 - 4 mm	qtz str @45deg.	py 5%.	148053	10.18	12.65	2.47	0.043	
								12.65-12.80	qtz vein @ 50deg	with	148054	12.65	12.80	0.15	0.143	
								10-20%	bleby py.	V v sl mo	148055	12.80	14.50	1.70	0.454	
								qtz vnlt	2-10 mm	at 45deg, 3-5 / m.	148056	14.50	16.00	1.50	0.130	
								diss from	13.50 onwards,	20% in vnlt.	148057	16.00	17.15	1.15	0.021	
								carb/ank	alt in vnlt.		148058	17.15	17.25	0.10	1.725	
								13.60-16.00	has 5-10% diss	and wispy py	148059	17.25	18.20	0.95	0.252	
								in qtz / ank	veinlets		148060	18.20	19.20	1.00	0.003	
								17.15-17.25	qtz breccia	vein with 10% py at	148061	19.20	20.20	1.00	0.014	
								40deg - 10-20%	ank.		148062	20.20	20.50	0.30	28.700	
								17.25-18.20	qtz str zone,	anast. 5-10 mm	148063	20.50	21.15	0.65	0.038	
17.70 - 44.30	Grano	sl alt,med gr, grey,with10-20 cm med alt bands at 60deg. highly alt sections between qtz veins - med gr yellow - green.	10					with 1-5 %	py. 20% ank.		148064	21.15	22.50	1.35	0.009	
								20.20-20.50	has 2 qtz veins	at 60deg (4cm & 3 cm) - 1st min 5-10% py, 1% mo, 2nd 20 -	148065	22.50	24.30	1.80	0.064	
								30% bleby	py, 5% gal,sphal,mo		148066	24.30	25.80	1.50	0.026	
								5% diss	py in alt zones	surrounding veins.	148067	25.80	27.00	1.20	0.112	
								<1% dis	py throughput	up to 35.0 and then	148068	27.00	28.40	1.40	0.005	
								1% onward.			148069	standard			1.870	
								qtz micro	vnlt, anast, 0.5-1 mm,	10-20 / m,	148070	blank			0.002	
	Grano	24.30 - 25.80 highly alt yellow green with patchy 2ndary bio phen to 2mm.			30	30		some with 1%	wispy py, v sl ank.		148071	28.40	30.00	1.60	0.005	
								26.80 - 2 cm	qtz vnlt	at 50deg, well min py	148072	duplicate			0.004	
								20%, 1% gal / sphal	within 1 m	of sl pot alt gd	148073	30.00	31.00	1.00	0.002	
								34.10 - 34.70	has 2 qtz vnlt	(white, barren)	148074	31.00	32.62	1.62	0.009	
								at 45deg.			148075	32.62	33.80	1.18	0.019	
								38.72	has 1 cm bleby	py str at 45deg and at	148076	33.80	34.80	1.00	0.190	
								40.70	in chl	matrix	148077	34.80	36.30	1.50	0.004	
											148078	36.30	37.40	1.10	0.005	

DRILL HOLE RECORD						HOLE # KKM 08-01						
						SHEET #		2 of 2				
						INTERVAL m		CORE		TRUE Au		
						FROM TO		INT.		width g/t		
						m m		m m		m m		
INTERVAL	LITH	DESCRIPTION	ALTERATION %			MINERALIZATION			SAMPLE #	BOLD PRINT- ASSAY, STANDARD PRINT- ICP		
m			chl	sil	ser	bio	epi					
44.30 - 49.20	Grano	crowded pphy						148079	37.40	38.90	1.50	0.004
		mg, grey with 50-60% plag phenos.	20					148080	38.90	40.50	1.60	0.004
		sl chl alt matrix. 1-3 cm alt grano						148081	40.50	42.00	1.50	0.005
		strs 25-45deg +/- 1 / m. pot alt in						148082	42.00	43.40	1.40	0.009
		strs and on margins to 49.0.						148083	43.40	44.40	1.00	0.015
49.20 - 50.60	Grano	highly alt yellow, green			30		30	148084	49.20	50.60	1.40	0.010
		grey, fg - med gr, flts with qtzy strs						148085	62.60	63.40	0.80	0.040
		at 45deg.						148086	63.45	64.90	1.45	0.017
50.60 - 63.45	Grano	mg, grey with chl matrix increasing						148087	64.90	65.90	1.00	0.001
		to 50% from 50.0 onward to 70%	50					148088	65.90	66.90	1.00	0.002
		from 61.50 onward.	70					148089	66.90	68.20	1.30	0.011
63.45 - 68.20	Arg	v f gr, grey with patchy brown bio						148090	standard			1.730
		alt. Micro fract -1mm-anastomosing.					80	148091	68.20	70.30	2.10	0.006
68.20 - 68.60	Grano	sl alt, mg, gradational contact, no						148092	blank			0.001
		fault or chill zone.						148093	70.30	72.00	1.70	0.044
68.60 - 74.50	Arg	strongly alt - bio or ank? Pale brown					80	148094	duplicate			0.044
		to pervasive yellow orange.						148095	72.00	73.50	1.50	0.029
74.50 - 77.50	Arg	dk grey, patchy alt along lams 1 cm						148096	73.50	75.00	1.50	0.021
		to 10 cm, sections to 1 m.						148097	75.00	76.50	1.50	0.003
		76.50 - 77.50 strong alt. as above.						148098	76.50	77.70	1.20	0.073
77.50 - 84.45	Arg	v sl alt, dk grey-black, f gr. Flt at 81						148099	89.90	90.50	0.60	0.010
		at 20deg, mud.						148100	90.50	92.00	1.50	0.029
84.45 - 86.00	Arg	Strong alt as above						148101	92.00	93.10	1.10	0.040
								148102	93.10	94.55	1.45	0.010
86.00 - 98.10	Arg	Sl alt. grey f gr, with patchy alt						148103	94.55	94.80	0.25	0.261
		Flt at 87-88 at 20-40deg.						148104	94.80	95.90	1.10	0.009
		89.80-90.50 strong alt					80	148105	95.90	96.65	0.75	0.004
		92.00-92.50 strong alt					80	148106	96.65	98.10	1.45	0.010
		93.00-94.55 strong alt					80					
98.10-131.71	Arg	unalts, black, massive.										
		Flt zone 98.10-98.50 at 45deg										
EOH		Flt zone at 100.50, 10cm mud.										

DRILL HOLE RECORD										HOLE # KKM 08-02						
COMPANY				CO ORDS		TEST				NQ		SHEET #		1 of 2		
IN CAPITAL INC.				GRID	UTM	LOC	DIP	BRG	TYPE	CORE SIZE						
PROJECT KALUM				N	6064861	COL	-65	328		RECOVERY	100%					
CLAIM / TENURE : 399745				E	511480	100	-64		acid	STARTED	SEPT. 05 / 08		TOTAL DEPTH	102.74		
				ELEV	275					COMPLETED	SEPT. 06 / 08		LOGGED BY	J.W .MURTON		
				BRG	328											
										INTERVAL m	CORE	TRUE	Au			
										SAMPLE #	FROM m	TO m	INT. m	width m	g/t	
INTERVAL m	LITH	DESCRIPTION	ALTERATION %				MINERALIZATION				BOLD PRINT- ASSAY, STANDARD PRINT- ICP					
			chl	sil	ser	bio	epi									
0 - 3.0	Casing															
3.0 - 10.85	Grano	Crowded pphy med gr, plag phenos 50-80%, bio phenos 5-10%. Sl alt. 20 cm sections med alt, f gr, text destructive.	10					5 mm qtz / ank vein at 45deg at 11.00, 1-5% bleby py, chl alt halo 3 cm. 1 cm qtz / ank vnlt at 30deg at 11.3 1-2% py 10 cm white qtz vein at 50deg at 11.50<1%py								
10.85 - 13.75	Grano	med alt, f gr, text destructive	20		30			5 cm white qtz vein at 45deg at 11.85 5-10%	148356	10.85	12.20	1.35			0.149	
13.75 - 17.85	Grano	Strong alt, buff (grey sections) with chl, ank, ser flooding. F gr.	20		50			bleby py. 1-2% py throughout with 5 mm qzt/ank vnlt 5-8 / m at 45 deg with 1% py. 10 cm qtz vein at 14.00, 10% crse grained (1.5 cm blebs) py 3 cm qtz vn at 17.20 1% py. 5 cm qtz vn at 17.30 5-10% dis py and on margins.	148357 148358 148359 148360 148361	12.20 13.75 15.25 16.70 17.85	13.75 15.25 16.70 17.85	1.55 1.50 1.45 1.15 0.80			0.002 0.165 0.147 0.325 0.009	
								2 cm qtz vein at 17.65 at 50deg, 10-20% bleby py	148362 148363	22.85 24.30	24.30 25.35	1.45 1.05			0.022 0.016	
								2 cm qtzvein at 17.82 at 50deg, 1-2% bleby py	148364	25.35	25.50	0.15			59.600	
17.85 - 22.85	Grano	Crowded pphy, sl chl alt in matrix. med gr. 10-20 cm sections every 1-2 m, med alt f gr grano.	20						148365 148366 148367	25.50 27.00 28.50	27.00 28.50 30.00	1.50 1.50 1.50			0.020 0.057 0.010	
22.85 - 24.60	Grano	Med gr, strong alt, ser, bio, ank(40%).							148368	30.00	31.50	1.50			0.068	
24.60 - 25.35	Grano	Crowded pphy, sl chl alt in matrix.	20						148369	31.50	32.50	1.00			0.003	
25.35 - 25.50	QTZ	Qtz vein NSS to SS py in sections in med alt band in crowded pphy.						Qtz vein, py 70%, gal/sphal 20%, at 45 deg. sl arseno	148370 148371	32.50 33.50	33.50 34.00	1.00 0.50			0.005 0.657	
25.50 - 32.50	Grano	Crowded pphy, sl chl alt in matrix. 5 cm intervals 1/m med alt at 45deg	10						148372 148373	duplicate 34.00			0.50 1.50		0.969 0.049	
32.50 - 38.00	Grano	Strong alt, buff, ank 30%, sericitized biotite, .5 m sections med alt grey to buff.			40			Micro fract 1-3 / m Qtz vein (white) at 40deg at 33.00, 1% py.	148374 148375 148376	standard 35.50 blank			1.50		2.010 0.031 0.002	



DRILL HOLE RECORD						HOLE # KKM 08-02											
												SHEET #	2 of 2				
												INTERVAL m	CORE	TRUE	Au		
												SAMPLE #	FROM m	TO m	INT. m	width m	g/t
INTERVAL m	LITH	DESCRIPTION	ALTERATION %					MINERALIZATION					BOLD PRINT- ASSAY, STANDARD PRINT- ICP				
			chl	sil	ser	bio	epi										
38.00 - 39.90	Grano	Crowded pphy, 5-10 cm sections med alt 1-2 / m.	20					Micro fract 10 / m with qtz / ank filling.	148377	37.00	38.50	1.50					0.015
								1 % py throughout.	148378	38.50	39.90	1.40					0.004
39.90 - 42.80	Grano	Med alt-0.5 m sections strong alt	20		30			2 only 2-3 cm qtz vns at 45deg at 41.80 -	148379	39.90	40.90	1.00					0.049
		Sections crowded pphy (10 cm),						41.90 with 5 - 20% bleby py. <1% py overall	148380	40.90	41.90	1.00					0.016
		sl epidote flooding in strong alt sec.					20		148381	41.90	42.60	0.70					0.834
42.80 - 58.10	Grano	Crowded pphy, sections med alt over 10-20 cm up to 46.00.	50					2 cm qtz vein at 45deg at 47.90 5% bleby py in 10 cm med alt section.	148382	47.87	49.40	1.53					0.011
								49.10-49.40 low angle <1-2 cm qtz vn, 5% bleby py in crowded pphy.									
58.10 - 61.20	Grano	Med alt / sl alt sections, little sulph in matrix,med gr. grey.						Qtz vnits (1-2 cm) at 45 deg, 1% py, at 58.20	148383	58.10	59.60	1.50					0.006
								60.10, 60.20, 60.30, 60.50, 61.18	148384	59.60	61.20	1.60					0.019
61.20 - 64.00	Arg	Black f gr with buff ank alt bands.						2 only 1-2 cm qtz vnits at 40deg 1-5% py, at	148385	63.50	64.25	0.75					0.045
								63.90, 64.10.									
64.00 - 74.30	Arg	Black, f gr broken, bleached section (10-20 cm) surrounding grano dykes 70.00 - 72.00. Flt zone with qtz / ank frags 81.20 - 82.00															
74.30 - 82.00	Arg	Alt, bleached buff in bands,(bio alt? pink hem patches over 5 cm.					10										
82.00 -102.74	Arg	Black, broken, f gr, fl zone parallel to core. Bleached and alt 83.40 - 86.00, 93.70 - 95.30, 98.10 - 99.00,						2 cm qtz vn at 80 deg at 85.20 with 20% py									
EOH																	

DRILL HOLE RECORD										HOLE # KKM 08-03								
COMPANY				CO ORDS		TEST				CORE SIZE		NQ		SHEET #		1 of 2		
PROJECT				GRID	UTM	LOC	DIP	BRG	TYPE	RECOVERY	100%							
CLAIM / TENURE #				E	511472	168	-43		acid	STARTED	SEPT. 06 / 08		TOTAL DEPTH	169.82				
				ELEV	274					COMPLETED	SEPT. 07 / 08		LOGGED BY	J.W .MURTON				
				BRG	260													
												INTERVAL m	CORE	TRUE	Au			
												SAMPLE	FROM	TO	INT.	width	g/t	
												#	m	m	m	m		
												BOLD PRINT- ASSAY, STANDARD PRINT- ICP						
INTERVAL	LITH	DESCRIPTION			ALTERATION %			MINERALIZATION										
m					chl	sil	ser	bio	epi									
0 - 6.0	Casing												148223	6.80	8.50	1.70		0.001
6.0 - 14.00	Grano	sl - med alt. f gr, grey, 1 m sections			20			Fract 2-5 / m - qtz filled + 1% py at 60deg.			148224	8.50	9.80	1.30		0.014		
		crowded pphy.						< 1% py in gran, barren crowded pphy			148225	9.80	11.30	1.50		0.001		
14.00 - 16.30	Grano	Strong alt, f gr, buff ank pervasive						1 cm qtz str at 14.05 at 80 deg, <1% py.			148226	11.30	12.80	1.50		0.014		
		wash, bio totally ser. 2 cm chl			30			3 cm qtz vn at 14.30 at 80 deg, 5% patchy py			148227	12.80	14.00	1.20		0.003		
		margins on qtz vns.			10			6 cm qtz vn at 15.05 at 80 deg, 3 cm band of			148228	14.00	15.10	1.10		21.700		
								SS py, 2% gal.			148229	15.10	16.30	1.20		3.010		
								6 cm qtz vn at 16.20 at 80 deg, 5-10% py,			148230	blank				0.088		
								1% gal.			148231	16.30	17.70	1.40		0.066		
16.30 - 43.20	Grano	sl - med alt, 1 m sections crowded			20			Micro fract throughout, 1-5 / m. with <1% py.			148232	17.70	19.00	1.30		0.014		
		pphy, wk K spar alt in pphy, sl hem						2-5 mm qtz str at 18.00 -19.90 at 30 deg			148233	standard				1.805		
		on fract Med alt sections pale grey						<1% py			148234	19.00	19.90	0.90		0.001		
		to grey green - epidote.						2 only 1-2 cm qtz str at 20.00 at 60 - 80deg.			148235	19.90	20.75	0.85		0.024		
								1% py.			148236	20.75	21.85	1.10		0.017		
								3 cm qtz vn at 20.70 at 80 deg, 2-5% py.			148237	duplicate				0.014		
								2 cm qtz str at 22.84 at 70 deg 1-2% py.			148238	21.85	22.80	0.95		0.019		
								2 cm qtz str at 33.05 at 85 deg 10-20% py.			148239	22.80	23.90	1.10		0.007		
								2 cm qtz str at 33.95 at 85 deg 1% py.			148240	23.90	25.40	1.50		0.008		
								3 cm qtz vn at 38.00 at 75 deg, 1% py.			148241	25.40	26.50	1.10		0.002		
								4 cm qtz vn at 40.82 at 80 deg 5% patchy py			148242	26.50	28.20	1.70		0.032		
								5 cm qtz vn at 41.20 at 70 deg, 20-30 % py			148243	28.20	29.30	1.10		0.003		
								blebby and str.			148244	29.30	30.40	1.10		0.003		
								3 cm qtz vn at 42.40 at 75 deg, 1% py.			148245	30.40	32.10	1.70		0.435		
43.20 - 46.90	Grano	Crowded pphy, bio are epidotized.			10						148246	32.10	33.00	0.90		0.004		
		4 cm frag? epidote patch of pphy						1% diss py			148247	33.00	34.00	1.00		0.299		
		surrounded by 2cm K spar alt pphy.						Very wk micro fract. 1-2 /m.			148248	34.00	35.30	1.30		0.150		
		Wk K spar alt continues to 59.00									148249	35.30	36.80	1.50		0.003		
46.90 - 59.00	Grano	SI - med alt, grey, pale green (epid)			15			10			148250	36.80	38.30	1.50		0.005		
		in 5-10 cm sections. Med gr.									148251	38.30	39.70	1.40		0.005		



DRILL HOLE RECORD										HOLE # KKM 08-04						
COMPANY				CO ORDS		TEST				CORE SIZE		NQ		SHEET #		
IN CAPITAL INC.				GRID	UTM	LOC	DIP	BRG	TYPE	RECOVERY		100%		1 of 2		
PROJECT KALUM				N	6064849	COL	-65	259	reflx	STARTED		SEPT. 07 / 08		TOTAL DEPTH 129.88		
CLAIM / TENURE # 399745				E	511472	128	-66	263	reflx	COMPLETED		SEPT. 08 / 08		LOGGED BY J.W .MURTON		
				ELEV	274											
				BRG	259											
										SAMPLE	INTERVAL m	CORE	TRUE	Au		
										FROM	TO	INT.	width	g/t		
INTERVAL	LITH	DESCRIPTION	ALTERATION %				MINERALIZATION				#	m	m	m	m	
m			chl	sil	ser	bio	epi					BOLD PRINT- ASSAY, STANDARD PRINT- ICP				
0 - 4.5	Casing										148173	15.00	16.60	1.60	0.022	
4.5 - 17.70	Grano	sl alt, lt gey, med gr, sections crowded pphy 7.60-12.50.	20					Micro fract 1-2 / m, < 1% diss py.			148174	16.60	18.10	1.50	0.001	
								Micro vns starting at 15.00,2-5/m.1%py			148175	18.10	19.80	1.70	0.102	
17.70 - 28.25	Grano	Med to strong alt buff / grey mixed with 1-2 m sections sl alt	20		60			15 cm qtz vn at 18.10-18,25, 5% py str, Flt at 45deg.			148176	19.80	21.30	1.50	0.153	
								5 cm qtz vn at 18.90, 30% py,5% gal.			148178	23.00	24.30	1.30	0.006	
								2 cm qtz vn at 23.00 10% py.			148179	24.30	25.20	0.90	0.017	
								5 cm qtz vn at 25.60, 2% py.			148180	25.20	26.00	0.80	0.065	
								4 cm qtz vn at 26.00 <1% py.			148181	26.00	27.50	1.50	0.005	
								5 cm qtz vn at 28.10 barren			148182	27.50	28.25	0.75	0.077	
28.25 - 34.10	Grano	Crowded pphy, 90% plag phenos sl alt grey groundmass.	15					All at 45 deg. <1% diss py.			148183	34.10	35.45	1.35	0.061	
								Weak micro fract 5-10 / m.			148184	35.45	36.35	0.90	0.212	
34.10 - 53.50	Grano	Med alt, grey, med gr. 5-30 cm sections strong alt, 1-2 / m., f gr, tan grey - ank? alt.						2 cm qtz vn at 35.60 at 45deg 1-2% py.			148185	standard			1.800	
								4 cm qtz vn at 36.36 at 70deg <1% py.			148186	36.35	37.40	1.05	1.685	
								3 cm qtz vn at 37.00 at 45deg 5-10% py.			148187	blank			0.004	
								2 cm qtz vn at 40.30 at 45deg <1% py.			148188	37.40	38.72	1.32	0.029	
								4 cm qtz vn at 42.60 at 45deg 5% bleby py.			148189	duplicate			0.022	
								Micro fract 20-30 / m 44.00-46.00 and 52.00 onward. Qtz, v sl ank, <1% py.			148190	38.72	40.10	1.38	0.013	
53.50 - 60.00	Grano	Strong alt, grey, buff. Short sections med alt.	20					3 cm qtz vn at 53.50 at 40deg 1% py.			148191	40.10	41.40	1.30	0.006	
								2 cm qtz vn at 56.90 at 45deg <1% py/			148192	41.40	42.40	1.00	0.001	
								1 cm qtz str at 59.40 at 45deg 10% py.			148193	42.40	42.75	0.35	2.710	
											148194	42.75	44.25	1.50	0.126	
											148195	44.25	45.25	1.00	0.011	
											148196	45.25	46.30	1.05	0.001	
											148197	46.30	47.90	1.60	0.003	
											148198	47.90	49.80	1.90	0.021	
											148199	49.80	51.30	1.50	0.002	
											148200	51.30	52.30	1.00	0.003	
											148201	52.30	53.50	1.20	0.011	
											148202	53.50	55.00	1.50	0.023	
											148203	55.00	56.40	1.40	0.068	

DRILL HOLE RECORD						HOLE # KKM 08-04									
												SHEET #	2 of 2		
												INTERVAL m	CORE TRUE	Au	
												SAMPLE #	FROM TO	INT. width	g/t
INTERVAL	LITH	DESCRIPTION	ALTERATION %			MINERALIZATION			BOLD PRINT- ASSAY, STANDARD PRINT- ICP						
m			chl	sil	ser	bio	epi								
60.00 - 83.50	Grano	Med alt, 20-50 cm sections strong alt up to 75.60.med alt f gr -med gr, strong alt f gr, buff grey.	20					20 cm qtz vn at 62.70 at 40deg, barren	148204	56.40	57.90	1.50		0.043	
		76.10-79.00 crowded pphy. Wk K spar alt 5-10%% starting at 70.00						1 cm qtz str at 66.10 at 20deg 1-5%% py.	148205	57.90	59.40	1.50		0.003	
								qtz vnlt and py decrease to <1% after 75.60	148206	59.40	61.00	1.60		0.269	
									148207	blank				0.001	
									148208	61.00	62.10	1.10		0.007	
									148209	62.10	63.30	1.20		0.013	
									148210	standard				1.915	
83.50 - 89.00	Arg	Cold contact, no ft.							148211	63.30	65.10	1.80		0.003	
									148212	65.10	66.60	1.50		0.044	
									148213	duplicate				0.026	
83.50 - 89.00	Arg	Med alt - buff, k spar flooding? f gr, competent.						Micro fract 20-30 / m, black qtz .1-.5mm.anast							
		84.00-84.50 grano med alt, yellow, buff, grey -k spar flood? Med. gr.			10										
89.00 - 94.80	Arg	black,broken, strong alt sections 92.50-94.60 buff / grey.						Micro fract 10-20 / m. Barren							
94.80 - 96.40	Grano	strong alt, m gr, grey / buff, fract and broken, barren.													
96.40 -105.50	Arg	f gr, strong alt buff / grey.			30			Micro fract 20-30 / m. sl ank (10-20%) in fract with black qtz.	148214	104.70	105.50	0.80		0.001	
		Grano inclusions (dykes?) 98.00 - 98.50, strong alt, buff grey.						1 cm qtz str at 98.50, 1% py.	148215	105.50	107.00	1.50		0.017	
									148216	107.00	108.50	1.50		0.005	
105.50-113.00	Grano	sl-med alt, grey, med gr.	20		10			Micro fract continue 20-30 / m, 1-2 mm qtz	148217	108.50	110.00	1.50		0.002	
								strs at 45deg 10% py as wisps and strs.	148218	110.00	111.50	1.50		0.004	
								2 cm qtz str at 45deg at 110.00 1% py.	148219	111.50	113.00	1.50		0.002	
								2 cm qtz str at 45deg at 115.00 <1% py.	148220	113.00	113.60	0.60		0.003	
								1-2% diss py throughout.	148221	113.60	115.10	1.50		0.002	
113.00-116.00	Arg	sl-med alt, bleached buff, f gr, mixed with grano inclusions dykes? over 20-40 cm						Micro fract 10-20 / m.	148222	115.10	116.00	0.90		0.015	
								5 cm qtz vn at 113.62, 1-2 % py wisps, strs. fract with inclusions wallrock.							
116.00-129.88	Arg	f gr, black, graph sects. Lt grey f gr to med gr greywacke 119.60-120.80.			20			Micro fract 10-20 / m, barren, v sl ank.							
EOH															



DRILL HOLE RECORD							HOLE # KKM 08-05						
							SHEET #		2 of 3				
							INTERVAL m	CORE	TRUE	Au			
INTERVAL	LITH	DESCRIPTION	ALTERATION %				MINERALIZATION						
m			chl	epid	ser	hem	pot	SAMPLE #	FROM m	TO m	INT. m	width m	g/t
BOLD PRINT- ASSAY, STANDARD PRINT- ICP													
61.00 - 70.00	Grano	Sl med alt. Lt gr / pale green.	10					148316	41.20	43.00	1.80		0.005
		0.5 - 1 m sect str alt - buff / grey f gr.						148317	43.00	44.50	1.50		0.004
								148318	44.50	46.00	1.50		0.115
70.00 - 78.00	Grano	Str alt - grey / buff / green. 20% ank.		50		5		148319	46.00	47.50	1.50		0.011
		Text dest.						148320	47.50	49.00	1.50		0.009
78.00 -109.20	Grano	Sl - med alt, m gr, grey. 1-5- m sect						148321	49.00	50.60	1.60		0.005
		med alt buff / grey.						148322	50.60	52.10	1.50		0.074
		Flts @ 20 deg @ 85.00, 103.00						148323	52.10	53.60	1.50		0.025
109.20-113.00	Grano	Crowded pphy. Ser, clay alt. Bio						148324	83.60	84.60	1.00		0.023
		phenos ser. 80% plag phenos.			50			148325	84.60	84.80	0.20		2.410
		Flts throughout section 1-2 / m @						148326	84.80	85.50	0.70		0.022
		20 - 45 deg. Ank alt starting from 110						148327	113.00	114.50	1.50		0.026
		20-30% pervasive and in fract.						148328	standard				1.960
113.00-138.50	Grano	Med alt grey / buff, short 10 cm sec						148329	blank				0.002
		sl alt - grey.						148330	114.50	116.00	1.50		0.026
		Crowded pphy sect 118.20-119.20				10		148331	116.00	117.20	1.20		0.005
		Flts @ 119.20 @ 50 deg.						148332	117.20	117.70	0.50		0.861
		Str flting @ 134.50 - 137.20 @ 20deg						148333	duplicate				0.844
		qtzy str in flts with clay gouge.						148334	117.70	118.75	1.05		0.009
								148335	128.35	129.80	1.45		0.114
								148336	129.80	131.30	1.50		0.049
								148337	131.30	132.80	1.50		0.008
								148338	132.80	134.30	1.50		0.003
								148339	134.30	135.80	1.50		0.021
								148340	135.80	137.30	1.50		0.031
138.50-147.00	Grano	Sl alt - 5-10 cm sect med alt with sl						148341	137.30	138.50	1.20		0.009
		ank to 10%.						148342	146.50	147.90	1.40		0.021
147.00-148.45	Grano	Qtz vn @ 40deg?, flts on edges						148343	147.90	148.48	0.58		0.649
								148344	148.48	150.00	1.52		0.015
								148345	150.00	151.50	1.50		0.009

DRILL HOLE RECORD							HOLE # KKM 08-05						
												SHEET #	3 of 3
												INTERVAL m	CORE TRUE Au
												SAMPLE #	FROM TO INT. width g/t
INTERVAL	LITH	DESCRIPTION	ALTERATION %				MINERALIZATION						
m			chl	epid	ser	hem	pot						
148.45-158.50	Grano	SI - med alt, bio sericitized.	10-20					1-2cm qtz vnlt, <1%py @ 60deg @ 156.60, 157.00, 157.20.					
									148346	151.50	153.00	1.50	0.006
									148347	153.00	154.30	1.30	0.005
									148348	154.30	155.10	0.80	0.004
									148349	155.10	156.60	1.50	0.003
									148350	156.60	158.50	1.90	0.038
									148351	standard			2.100
									148352	blank			0.002
158.50-169.82	Arg	Black f gr, massive. Frozen contact							148353	158.50	160.00	1.50	0.007
		SL alt buff sections (bio or ank?)						1-2 cm qtz vnlt @ 20deg 1-5% py 158.50-	148354	duplicate			0.007
		Grano 159.20-161.20 - sl alt.						162.20. Barren micro fract 10 / m.	148355	160.00	161.20	1.20	0.005
EOH								SI diss py (<1%)					



DRILL HOLE RECORD										HOLE # KKM 08-06								
COMPANY				CO ORDS		TEST			CORE SIZE		NQ		SHEET #		1 of 2			
N CAPITAL INC.		GRID		UTM		DIP	BRG	TYPE	RECOVERY		100%							
PROJECT		KALUM		N 6064809		COL	-65	291	reflex	STARTED		SEPT. 09 / 08		TOTAL DEPTH		99.60		
CLAIM / TENURE		399745		W 511451		99	-66	296	reflex	COMPLETED		SEPT. 09 / 08		LOGGED BY		J.W. MURTON		
				ELEV		264												
				BRG		291												
												INTERVAL m		CORE	TRUE	Au		
												SAMPLE	FROM	TO	INT.	width	g/t	
INTERVAL				ALTERATION %				MINERALIZATION				#	m	m	m	m	m	
m	LITH	DESCRIPTION			chl	epid	ser	hem pot										
		BOLD PRINT- ASSAY, STANDARD PRINT- ICP																
0 - 4.6	Casing											148386	5.90	7.40	1.50		0.013	
4.6 - 15.30	Grano	SI - med alt- lt gr, med gr.			20					1-2% diss py.		148387	7.40	8.60	1.20		0.484	
		6.9-7.5 str alt buff f gr								1 cm qtz vnlt @30 deg @ 7.2 <1% py.		148388	8.60	9.70	1.10		0.005	
		9.7-10.0 med-str alt grey/buff.								2 only 2 cm qtz vnlt @60deg @9.75 and 9.90		148389	9.70	10.00	0.30		0.363	
										with 10% blebby py.		148390	10.00	11.50	1.50		0.018	
										2 cm qtz vn @ 11.00 @ 90deg 1-2% py		148391	11.50	13.00	1.50		0.009	
										Micro fract 10-20 / m with qtz and sl ank.		148392	13.00	14.50	1.50		0.025	
										1 cm qtz vn @45deg @13.40 5% py diss&str		148393	14.50	16.00	1.50		0.008	
15.30 - 23.10	Grano	Med - str alt - buff / grey. Str alt is			50					1-5% diss py. Micro fract 10-20/m until 23.10.		148394	16.00	17.50	1.50		1.000	
		text destructive.										148395	standard				1.845	
		Fits @ 19.00 @ 60deg, 19.30@45deg								Py 1-10% in fits and adjacent grano.		148396	17.50	19.00	1.50		0.022	
		19.80 @ 30deg.										148397	blank				0.006	
23.10 - 53.00	Grano	SI alt - med alt. Bio sericitized			10-20					Micro fract 1-5/ m. < 1% py.		148398	19.00	20.50	1.50		0.027	
		Short 10-20 cm sect crowded pphy			10-20					<1% py.		148399	duplicate				0.024	
		(sl alt) @33.00, 35.50,36.00.								3 cm barren qtz vnlt, & 40.60.		148400	20.50	22.10	1.60		0.018	
		Fits @ 45deg @ 39.70, 40.70 with								52.30-52.80 low angle fit (10deg) with qtz vn		148401	22.10	23.10	1.00		0.030	
		3 cm barren qtz vnlt, & 40.60.								plus 5% stringery py.		148402	52.30	54.00	1.70		0.095	
53.00 - 62.80	Grano	Med - str alt buff / grey f gr.								Low angle 2-3 cm qtz vn 0deg to core, 53.30 -		148403	54.00	55.50	1.50		0.084	
										55.00.10% stringery py on margins -fit related.		148404	55.50	57.00	1.50		0.072	
										Strong fit sub ll to core 55.00 - 56.50. Sl py in		148405	57.00	58.50	1.50		0.024	
										fit gouge. Ank alt increasing in micro fract to		148406	58.50	60.00	1.50		0.021	
										20-30% up to 57.00 and then 20-60% in large		148407	60.00	61.50	1.50		0.013	
										1 cm anastomoz fract, many @ 45deg. 10-20		148408	61.50	63.00	1.50		0.005	
										per m. Low angle qtz vn again 59.50-60.00.								
										1-2 cm qtz vns @ 40deg @ 60.50, 61.20-								
										61.70, 62.20 with 1-5% blebby py. 1-2% diss								
										py throughout the interval.								
62.80 - 64.80	Grano	SI-med alt, lt grey with 10 cm			10-20													
		patches med alt.								Micro vnlt 10/m. 1-2% diss py.								



DRILL HOLE RECORD										HOLE # KKM 08-07							
			CO ORDS					TEST									
COMPANY	MOUNTAIN CAPITAL INC.		GRID	UTM			DIP	BRG	TYPE	CORE SIZE	NQ	SHEET #	1 of 1				
PROJECT	KALUM		N	6064580			COL	-45	331	reflex	RECOVERY	100%					
CLAIM / TENURE	399745		W	511385			168	-48	334	reflex	STARTED	SEPT. 10 / 08	TOTAL DEPTH	172.56			
			ELEV	260							COMPLETED	SEPT. 11 / 08	LOGGED BY	J.W. MURTON			
			BRG	331													
												INTERVAL m	CORE	TRUE	Au		
												SAMPLE	FROM	TO	INT.	width	g/t
INTERVAL					ALTERATION %				MINERALIZATION				#	m	m	m	m
m	LITH	DESCRIPTION			chl	epid	ser	hem	pot								
		BOLD PRINT- ASSAY, STANDARD PRINT- ICP															
0 - 4.6	Casing																
4.6 - 160.00	Arg	Black massive. Crush / ft zone @															
		45 deg 26.0 - 28.0.															
		71.80 - 72.20 greywacke - lt grey, fgr.															
		Lam sections @ 45 deg from 50 on.															
160.00-172.56	Arg	Black and greywacke (f gr dk grey)															
		interbedded. 50 / 50 each. Lams at															
		40 deg.															
EOH																	







DRILL HOLE RECORD						HOLE # KKM 08-10							
						SHEET #		2 of 2					
						INTERVAL m		CORE		TRUE Au			
						SAMPLE FROM TO		INT.		width g/t			
INTERVAL	LITH	DESCRIPTION	ALTERATION %				MINERALIZATION						
m			chl	sil	ser	bio	epi	#	m	m	m	m	
BOLD PRINT- ASSAY, STANDARD PRINT- ICP													
62.00 - 82.60	Grano	Crowded pphy sections, strong alt - 70.20 - 71.50, 72.80 - 73.20, 75.30 - 77.00.	20	80				micro fract 20-30 / m with qtz / ank filling, no py in crowded pphy sections. Qtz vnit 75.50 - 76.20, low angle <20deg, 1-2 cm , 1% py. 1-2 cm chl alt on margins. 1 cm qtz vein at 82.30 at 45 deg 1% py.					
82.60 - 86.20	Arg	Sl alt with med alt patches buff to lt grey.				20							
86.20 - 89.20	Grano	lt grey, sl - med alt, med gr. Cold cont with arg., no fault, no alt. Buff grey sections.	10			20		micro fract 10-20 / m, mostly at 45deg. with 1- 3 mm qtz vnlt with 1-5% py, 2-3 / m.	148138	86.20	87.70	1.50	0.003
									148139	87.70	89.20	1.50	0.004
									148140	89.20	90.70	1.50	0.012
89.20 - 99.20	Grano	F gr, strong alt - ser. Flt at 20deg at 94.50, 97.50, with 1-2 cm grey gouge.				60		Less sulphides in highly alt sect.<1% py. Same fracturing.	148141	90.70	92.20	1.50	0.009
								93.00 - 100.00 micro fract 30-50 / m, 1-2 % py in 1-2mm qtz filled fract. Anast.	148142	92.20	93.70	1.50	0.042
									148143	93.70	95.20	1.50	0.004
									148144	95.20	96.70	1.50	0.050
99.20 - 102.30	Grano	lt grey, sl - med alt, med gr. Cold cont with arg., no fault, no alt. Buff grey sections.	10			20			148145	96.70	99.20	2.50	0.009
									148146	99.20	100.70	1.50	0.015
									148147	100.70	102.30	1.60	0.051
102.30-108.10	Arg	Black, f gr. Patchy weak buff alt in 5 - 20 cm sections. Core all broken.				20							
108.10-110.00	Grano	med alt. f gr - med gr. Lt grey. Frozen upper contact, flt at bottom contact.						micro vnlt 1 mm, 20-30 / m, 1% py					
110.00-121.04	Arg	Black. F gr, graphitic sections. Sl lam at 40 deg.						Qtz veins, barren, brecciated 110.70 - 111.50, 113.50 - 115.00 with wall rock inclusions.					
EOH													

DRILL HOLE RECORD										HOLE # KKM 08-11							
COMPANY		MOUNTAIN CAPITAL INC.		CO ORDS		TEST				CORE SIZE		NQ		SHEET #		1 of 1	
PROJECT	KALUM			GRID	UTM	LOC	DIP	BRG	TYPE	RECOVERY	100%						
CLAIM / TENURE	399745			N	6064620	COL	-45	312	reflex	STARTED	SEPT. 14 / 08		TOTAL DEPTH	72.26			
				E	511453	72.00	-46	316	reflex	COMPLETED	SEPT. 14 / 08		LOGGED BY	J.W .MURTON			
				ELEV	265												
				BRG	312												
										SAMPLE	INTERVAL m	CORE	TRUE	Au			
										FROM	TO	INT.	width	g/t			
INTERVAL	LITH	DESCRIPTION	ALTERATION %					MINERALIZATION					#	m	m	m	m
m			chl	sil	ser	bio	epi										
BOLD PRINT- ASSAY, STANDARD PRINT- ICP																	
0 - 3.0	Casing											148148	3.40	4.50	1.10		0.003
3.0 - 4.50	Arg	v sl alt, grey, frozen contact with 5 cm chilled margin-sl ank or bio. Lam at 45 deg.				20						148149	4.50	6.00	1.50		0.025
												148150	6.00	7.50	1.50		0.013
												148151	7.50	9.00	1.50		0.167
4.50 - 21.00	Grano	grey, m gr, med ser / chl alt	10		20				1% dis py throughout as 0.5 mm grains.			148152	9.00	10.50	1.50		0.659
		Patchy sections crowded pphy over							micro fract 1mm - 2mm at 10-20 / m. 5 - 10 cm			148153	10.50	12.00	1.50		0.004
		20 cm - 100 cm, sl alt. Gradational contacts.							qtz veins at 45 deg at 4.60, 6.10, 7.30, 7.50, 9.50, 10.00, 10.30, 11.30, with 1-10% py, 13.70 - 10% py, 18.30-40% py,v sl gal at 45deg.			148154	12.00	13.50	1.50		0.146
												148155	13.50	15.00	1.50		0.008
												148156	15.00	16.80	1.80		0.006
									Strs and vnlt have 1-2 cm chl alt on margins.			148157	16.80	18.30	1.50		4.550
												148158	18.30	19.80	1.50		0.011
21.00 - 23.60	Arg	black, v sl alt (20%) on lams							Qtz micro vnlt anast, 5-10 / m, barren.			148159	19.80	21.00	1.20		0.005
									Qtz vein 23.50-23.60 barren.			148160	standard				1.930
23.60 - 34.90	Grano	sl - med alt, m gr, grey, v v sl py.	10		10				Qtz str at 26.30 - 26.40 at 45deg v sl py, 5% py on lower contact.			148161	21.00	22.30	1.30		0.008
												148162	22.30	23.50	1.20		0.017
									Micro vnlt anast 10-20 / m, mostly barren.			148163	blank				0.001
									1 cm qtz vnlt at 28.70 at 45deg 5-10% py as blebs and xtals, 5 cm qtz vnlt at 29.50 at 45 deg with 5% py. 3 cm qtz vnlt at 32.00 at 35 deg with 40% py. 3 cm qtz vnlt at 33.15 at			148164	23.50	24.40	0.90		0.014
												148165	24.40	26.25	1.85		0.016
												148166	26.25	26.90	0.65		0.026
34.90 - 40.00	Arg	weak fault contact. Black. Few scattered 10-20 cm grano intervals at 60deg contacts. Sl alt with very transitional contacts - no sharp break. Core broken and shattered.							deg with 40% py. 3 cm qtz vnlt at 33.15 at 30deg barren.			148167	duplicate				0.037
												148168	26.90	28.40	1.50		0.020
									Micro vnlt 30-50 / m. .25-.5mm, all barren.			148169	28.40	30.00	1.60		0.506
												148170	30.00	31.50	1.50		0.004
												148171	31.50	33.20	1.70		0.905
40.00 - 41.90	Arg	Med alt- lt - med grey, ser?			10							148172	33.20	34.90	1.70		0.014
41.90 - 42.90	Arg	Black, massive															
42.90 - 52.00	Greyw f gr - med gr. Lt grey.								Micro frac, 1-2 % diss py.								
		47.00-49.00 arg, black, broken to 55.00 then massive.															
52.00 - 72.26	Arg	black, massive.															
EOH																	



## **APPENDIX 2**



**Fire Assay Procedure – Ag-GRA21, Ag-GRA22, Au-GRA21 and Au-GRA22**  
**Precious Metals Gravimetric Analysis Methods**

**Sample Decomposition:** Fire Assay Fusion (FA-FUSAG1, FA-FUSAG2, FA-FUSGV1 and FA-FUSGV2)  
**Analytical Method:** Gravimetric

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents in order to produce a lead button. The lead button containing the precious metals is cupelled to remove the lead. The remaining gold and silver bead is parted in dilute nitric acid, annealed and weighed as gold. Silver, if requested, is then determined by the difference in weights.

<b>Method Code</b>	<b>Element</b>	<b>Symbol</b>	<b>Units</b>	<b>Sample Weight (g)</b>	<b>Detection Limit</b>	<b>Upper Limit</b>
Ag-GRA21	Silver	Ag	ppm	30	5	10,000
Ag-GRA22	Silver	Ag	ppm	50	5	10,000
Au-GRA21	Gold	Au	ppm	30	0.05	1000
Au-GRA22	Gold	Au	ppm	50	0.05	1000



**Fire Assay Procedure - Au-ICP21 and Au-ICP22**  
**Fire Assay Fusion ICP-AES Finish**

**Sample Decomposition:** Fire Assay Fusion (FA-FUSPG1 & FA-FUSPG2)  
**Analytical Method:** Inductively Coupled Plasma – Atomic Emission Spectrometry (ICP-AES)

A prepared sample is fused with a mixture of lead oxide, sodium carbonate, borax, silica and other reagents as required, inquarted with 6 mg of gold-free silver and then cupelled to yield a precious metal bead.

The bead is digested in 0.5 mL dilute nitric acid in the microwave oven. 0.5 mL concentrated hydrochloric acid is then added and the bead is further digested in the microwave at a lower power setting. The digested solution is cooled, diluted to a total volume of 4 mL with de-mineralized water, and analyzed by inductively coupled plasma atomic emission spectrometry against matrix-matched standards.

Method Code	Element	Symbol	Units	Sample Weight (g)	Lower Limit	Upper Limit	Default Overlimit Method
Au-ICP21	Gold	Au	ppm	30	0.001	10	Au-AA25
Au-ICP22	Gold	Au	ppm	50	0.001	10	Au-AA26



**Geochemical Procedure - ME-ICP41  
Trace Level Methods Using Conventional ICP-AES Analysis**

**Sample Decomposition:** Nitric Aqua Regia Digestion (GEO-AR01)  
**Analytical Method:** Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP - AES)

A prepared sample is digested with aqua regia for in a graphite heating block. After cooling, the resulting solution is diluted to 12.5 mL with deionized water, mixed and analyzed by inductively coupled plasma-atomic emission spectrometry. The analytical results are corrected for inter-element spectral interferences.

**NOTE:** In the majority of geological matrices, data reported from an aqua regia leach should be considered as representing only the leachable portion of the particular analyte.

Element	Symbol	Units	Lower Limit	Upper Limit	Default Overlimit Method
Silver	Ag	ppm	0.2	100	Ag-OG46
Aluminum	Al	%	0.01	25	
Arsenic	As	ppm	2	10000	
Boron	B	ppm	10	10000	
Barium	Ba	ppm	10	10000	
Beryllium	Be	ppm	0.5	1000	
Bismuth	Bi	ppm	2	10000	
Calcium	Ca	%	0.01	25	
Cadmium	Cd	ppm	0.5	1000	
Cobalt	Co	ppm	1	10000	
Chromium	Cr	ppm	1	10000	
Copper	Cu	ppm	1	10000	Cu-OG46
Iron	Fe	%	0.01	50	

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<b>Element</b>	<b>Symbol</b>	<b>Units</b>	<b>Lower Limit</b>	<b>Upper Limit</b>	<b>Default Overlimit Method</b>
Gallium	Ga	ppm	10	10000	
Mercury	Hg	ppm	1	10000	
Potassium	K	%	0.01	10	
Lanthanum	La	ppm	10	10000	
Magnesium	Mg	%	0.01	25	
Manganese	Mn	ppm	5	50000	
Molybdenum	Mo	ppm	1	10000	
Sodium	Na	%	0.01	10	
Nickel	Ni	ppm	1	10000	
Phosphorus	P	ppm	10	10000	
Lead	Pb	ppm	2	10000	Pb-OG46
Sulfur	S	%	0.01	10	
Antimony	Sb	ppm	2	10000	
Scandium	Sc	ppm	1	10000	
Strontium	Sr	ppm	1	10000	
Thorium	Th	ppm	20	10000	
Titanium	Ti	%	0.01	10	
Thallium	Tl	ppm	10	10000	
Uranium	U	ppm	10	10000	
Vanadium	V	ppm	1	10000	
Tungsten	W	ppm	10	10000	
Zinc	Zn	ppm	2	10000	Zn-OG46



Elements listed below are available upon request

<b>Element</b>	<b>Symbol</b>	<b>Units</b>	<b>Lower Limit</b>	<b>Upper Limit</b>	<b>Default Overlimit Method</b>
Cerium	Ce	ppm	10	10000	
Hafnium	Hf	ppm	10	10000	
Indium	In	ppm	10	10000	
Lithium	Li	ppm	10	10000	
Niobium	Nb	ppm	10	10000	
Rubidium	Rb	ppm	10	10000	
Selenium	Se	ppm	10	10000	
Silicon	Si	ppm	10	10000	
Tin	Sn	ppm	10	10000	
Tantalum	Ta	ppm	10	10000	
Tellurium	Te	ppm	10	10000	
Yttrium	Y	ppm	10	10000	
Zirconium	Zr	ppm	5	10000	

## **APPENDIX 3**

KALUM PROPERTY DRILLING 2008

Certificate Number	DDH	Sample Number	From (m)	To (m)	Interval (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
KKM08-01: 6064864E,511480N, Elev: 275m, Brg: 328°, Dip: -45°, EOH: 131.71m																																									
TR08132646	KKM08-01	148051	8.60	9.95	1.35	0.027	<0.2	1.36	<2	<10	270	<0.5	<2	2.89	<0.5	7	6	23	2.87	10	<1	0.25	10	0.81	805	<1	0.03	1	1490	6	0.34	<2	3	119	<20	0.01	<10	<10	38	<10	54
TR08132646	KKM08-01	148052	9.95	10.18	0.23	0.479	8.6	0.07	23	<10	10	<0.5	18	0.74	<0.5	1	6	3	1.04	<10	<1	0.03	<10	0.04	287	<1	<0.01	<1	50	1130	0.82	<2	<1	43	<20	<0.01	<10	<10	1	<10	42
TR08132646	KKM08-01	148053	10.18	12.65	2.47	0.043	<0.2	1.28	9	<10	170	<0.5	<2	2.90	<0.5	7	5	26	3.00	<10	<1	0.27	10	0.73	910	<1	0.04	1	1500	9	0.78	2	3	173	<20	0.02	<10	<10	38	<10	48
TR08132646	KKM08-01	148054	12.65	12.80	0.15	0.143	33.5	0.07	123	<10	10	<0.5	99	0.78	<0.5	39	8	14	3.75	<10	<1	0.03	<10	0.14	263	267	<0.01	1	50	315	3.66	<2	<1	39	<20	<0.01	<10	<10	2	10	5
TR08132646	KKM08-01	148055	12.80	14.50	1.70	0.454	0.5	0.52	76	<10	100	<0.5	2	2.62	<0.5	9	2	17	3.86	<10	<1	0.34	<10	0.62	989	2	0.01	1	1500	24	2.82	<2	2	158	<20	<0.01	<10	<10	10	<10	30
TR08132646	KKM08-01	148056	14.50	16.00	1.50	0.130	<0.2	0.49	20	<10	110	<0.5	<2	3.62	<0.5	7	4	11	3.16	<10	<1	0.30	10	0.72	1070	2	0.02	<1	1490	8	1.28	<2	2	239	<20	<0.01	<10	<10	10	<10	43
TR08132646	KKM08-01	148057	16.00	17.15	1.15	0.021	<0.2	0.58	6	<10	110	<0.5	<2	3.60	<0.5	6	3	6	3.00	<10	<1	0.31	10	0.83	1045	2	0.03	<1	1510	6	0.55	2	3	239	<20	<0.01	<10	<10	15	<10	52
TR08132646	KKM08-01	148058	17.15	17.25	0.10	1.725	1.5	0.44	194	<10	60	<0.5	3	1.50	<0.5	13	3	5	6.38	<10	<1	0.30	<10	0.42	1185	<1	<0.01	7	1150	53	6.80	<2	1	71	<20	<0.01	<10	<10	5	<10	7
TR08132646	KKM08-01	148059	17.25	18.20	0.95	0.252	0.4	0.97	52	<10	110	<0.5	<2	2.24	<0.5	7	3	8	3.81	<10	<1	0.27	10	0.70	831	<1	0.01	1	1480	15	2.14	<2	3	118	<20	<0.01	<10	<10	28	<10	39
TR08132646	KKM08-01	148060	18.20	19.20	1.00	0.033	<0.2	1.41	<2	<10	120	<0.5	<2	2.47	<0.5	8	8	40	3.09	10	<1	0.19	10	0.94	811	<1	0.02	<1	1550	5	0.37	<2	3	114	<20	0.01	<10	<10	44	<10	60
TR08132646	KKM08-01	148061	19.20	20.20	1.00	0.014	0.2	1.20	<2	<10	340	<0.5	<2	2.47	<0.5	8	6	89	3.07	10	<1	0.32	10	0.88	838	<1	0.02	<1	1490	3	0.82	<2	4	122	<20	0.07	<10	<10	45	<10	56
TR08132646	KKM08-01	148062	20.20	20.50	0.30	28.700	18.5	0.45	94	<10	60	<0.5	12	3.20	126.0	9	4	348	5.39	<10	<1	0.25	<10	0.84	1260	313	<0.01	<1	960	7330	4.98	27	2	217	<20	<0.01	<10	<10	8	<10	2360
TR08132646	KKM08-01	148063	20.50	21.15	0.65	0.038	<0.2	1.19	4	<10	210	<0.5	<2	2.94	<0.5	8	8	58	3.26	<10	<1	0.24	10	0.86	920	<1	0.02	<1	1530	16	0.85	<2	4	183	<20	0.05	<10	<10	48	<10	60
TR08132646	KKM08-01	148064	21.15	22.50	1.35	0.009	<0.2	1.38	<2	<10	640	<0.5	<2	2.80	<0.5	7	8	14	3.10	10	<1	0.20	10	0.95	857	<1	0.03	<1	1530	6	0.18	<2	3	241	<20	0.06	<10	<10	51	<10	62
TR08132646	KKM08-01	148065	22.50	24.30	1.80	0.064	<0.2	1.34	<2	<10	670	<0.5	<2	2.92	<0.5	7	7	9	3.03	<10	<1	0.23	10	0.88	874	<1	0.03	<1	1470	23	0.47	<2	3	198	<20	0.03	<10	<10	44	<10	59
TR08132646	KKM08-01	148066	24.30	25.80	1.50	0.026	<0.2	0.84	<2	<10	130	<0.5	<2	3.36	<0.5	8	4	76	2.95	<10	<1	0.23	10	0.70	874	<1	0.01	<1	1370	15	0.86	<2	3	319	<20	0.01	<10	<10	24	<10	53
TR08132646	KKM08-01	148067	25.80	27.00	1.20	0.112	0.5	1.32	4	<10	400	<0.5	<2	3.10	84.5	8	7	75	3.09	<10	<1	0.22	10	0.85	862	<1	0.01	<1	1460	101	0.75	<2	3	198	<20	0.01	<10	<10	40	<10	1495
TR08132646	KKM08-01	148068	27.00	28.40	1.40	0.005	<0.2	1.38	<2	<10	780	<0.5	<2	2.72	<0.5	8	8	47	3.28	10	<1	0.16	10	1.01	839	<1	0.03	<1	1540	5	0.35	<2	4	181	<20	0.09	<10	<10	56	<10	68
TR08132646	KKM08-01	148069	Std			1.870	0.6	1.32	2970	40	30	<0.5	62	6.46	<0.5	82	26	162	3.72	<10	<1	0.06	10	0.34	1095	9	0.05	30	1110	14	0.60	9	3	114	<20	0.06	<10	<10	27	30	77
TR08132646	KKM08-01	148070	Blank			0.002	<0.2	0.51	<2	<10	90	<0.5	<2	0.23	<0.5	1	6	1	1.25	<10	<1	0.24	10	0.21	287	<1	0.06	<1	310	2	<0.01	<2	1	19	<20	0.07	<10	<10	14	<10	54
TR08132646	KKM08-01	148071	28.40	30.00	1.60	0.005	<0.2	1.22	<2	<10	870	<0.5	<2	2.93	<0.5	7	7	11	3.00	<10	<1	0.23	10	0.91	878	<1	0.02	<1	1480	3	0.30	<2	3	220	<20	0.05	<10	<10	45	<10	64
TR08132646	KKM08-01	148072	Dup.			0.004	<0.2	1.34	<2	<10	860	<0.5	<2	2.96	<0.5	8	7	12	3.08	<10	<1	0.27	10	0.93	890	<1	0.03	<1	1490	5	0.31	<2	4	227	<20	0.05	<10	<10	46	<10	62
TR08132646	KKM08-01	148073	30.00	31.00	1.00	0.002	<0.2	1.37	<2	<10	650	<0.5	<2	3.14	<0.5	7	8	23	3.12	10	<1	0.28	10	0.90	937	<1	0.03	<1	1470	<2	0.22	<2	3	208	<20	0.02	<10	<10	46	<10	64
TR08132646	KKM08-01	148074	31.00	32.62	1.62	0.009	1.8	1.38	<2	<10	410	<0.5	4	3.00	<0.5	7	6	34	2.98	<10	<1	0.24	10	0.85	846	1	0.02	<1	1450	27	0.40	<2	3	207	<20	0.01	<10	<10	42	40	58
TR08132646	KKM08-01	148075	32.62	33.80	1.18	0.019	<0.2	1.37	<2	<10	110	<0.5	<2	3.94	<0.5	6	5	20	3.03	10	<1	0.23	10	0.77	911	<1	0.02	<1	1440	5	0.40	<2	3	337	<20	<0.01	<10	<10	40	<10	55
TR08132646	KKM08-01	148076	33.80	34.80	1.00	0.190	1.8	0.81	65	<10	90	<0.5	8	3.11	<0.5	7	3	103	3.23	<10	<1	0.37	10	0.46	947	<1	<0.01	<1	1230	30	2.21	<2	2	263	<20	<0.01	<10	<10	17	<10	27
TR08132646	KKM08-01	148077	34.80	36.30	1.50	0.004	<0.2	1.31	<2	<10	310	<0.5	<2	2.77	<0.5	7	8	3	3.11	10	<1	0.26	10	0.89	888	<1	0.02	<1	1420	3	0.46	<2	4	212	<20	0.06	<10	<10	53	100	53
TR08132646	KKM08-01	148078	36.30	37.40	1.10	0.005	<0.2	1.43	<2	<10	490	<0.5	<2	2.57	<0.5	7	8	1	3.16	10	<1	0.18	10	1.00	843	<1	0.03	<1	1530	2	0.14	<2	3	175	<20	0.09	<10	<10	56	<10	63
TR08132646	KKM08-01	148079	37.40	38.90	1.50	0.004	<0.2	1.58	<2	<10	330	<0.5	<2	3.87	<0.5	10	7	62	3.54	<10	<1	0.26	10	1.06	1015	<1	0.03	<1	1810	3	0.79	<2	4	242	<20	0.06	<10	<			



KALUM PROPERTY DRILLING 2008

Certificate Number	DDH	Sample Number	From (m)	To (m)	Interval (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR08132646	KKM08-01	148106	96.65	98.10	1.45	0.010	0.9	0.69	41	<10	80	<0.5	3	1.15	7.3	13	28	100	3.61	<10	<1	0.25	10	0.91	618	1	0.02	68	720	39	0.60	3	3	98	<20	<0.01	<10	<10	25	<10	324
<b>KKM08-02: 6064861E,511480N, Elev: 275m, Brg: 328°, Dip: -65°, EOH: 102.74m</b>																																									
TR08139599	KKM08-02	148356	10.85	12.20	1.35	0.149	0.5	0.77	45	<10	110	<0.5	<2	2.84	<0.5	6	4	8	3.09	<10	<1	0.31	10	0.56	961	1	0.03	2	1330	75	1.87	<2	2	173	<20	0.01	<10	<10	22	<10	32
TR08139599	KKM08-02	148357	12.20	13.75	1.55	0.002	<0.2	1.35	5	<10	2210	<0.5	<2	2.67	<0.5	7	6	17	2.90	10	<1	0.17	10	0.85	840	2	0.05	1	1520	6	0.14	<2	3	210	<20	0.05	<10	<10	43	<10	56
TR08139599	KKM08-02	148358	13.75	15.25	1.50	0.165	1.3	0.57	34	<10	80	<0.5	2	3.02	<0.5	9	3	53	3.30	<10	<1	0.28	10	0.59	1020	9	0.03	1	1480	35	1.76	6	3	202	<20	<0.01	<10	<10	14	<10	44
TR08139599	KKM08-02	148359	15.25	16.70	1.45	0.147	0.3	0.67	48	<10	120	<0.5	<2	3.10	<0.5	8	2	13	3.19	<10	<1	0.32	10	0.57	938	1	0.03	2	1460	15	1.77	2	2	219	<20	0.01	<10	<10	17	<10	33
TR08139599	KKM08-02	148360	16.70	17.85	1.15	0.325	1.6	0.59	104	<10	70	<0.5	8	3.45	<0.5	11	2	10	4.30	<10	<1	0.32	<10	0.69	1545	1	0.03	4	1390	45	3.52	<2	2	232	<20	<0.01	<10	<10	17	<10	25
TR08139599	KKM08-02	148361	17.85	18.65	0.80	0.009	<0.2	1.30	9	<10	350	<0.5	<2	2.78	<0.5	7	6	10	3.20	10	<1	0.33	10	0.86	954	1	0.05	1	1530	6	0.59	<2	4	179	<20	0.05	<10	<10	58	<10	56
TR08139599	KKM08-02	148362	22.85	24.30	1.45	0.022	0.9	0.87	7	<10	130	<0.5	<2	3.48	<0.5	7	4	84	2.90	<10	<1	0.26	10	0.79	922	1	0.04	1	1550	11	0.63	16	3	271	<20	0.01	<10	<10	30	<10	57
TR08139599	KKM08-02	148363	24.30	25.35	1.05	0.016	<0.2	1.05	7	<10	460	<0.5	<2	2.65	<0.5	8	5	31	2.96	10	<1	0.34	10	0.82	927	2	0.06	1	1420	10	0.61	6	4	198	<20	0.04	<10	<10	41	<10	56
TR08139599	KKM08-02	148364	25.35	25.50	0.15	59.600	199.0	0.47	764	<10	<10	<0.5	228	0.96	104.0	3	<1	288	19.90	<10	<1	0.20	<10	0.23	281	<1	0.03	<1	710	76300	>10.0	74	1	89	<20	0.01	<10	<10	14	<10	1200
TR08139599	KKM08-02	148365	25.50	27.00	1.50	0.020	0.7	1.42	3	<10	190	<0.5	<2	2.45	<0.5	7	7	58	3.00	10	<1	0.22	10	0.93	802	1	0.06	2	1490	99	0.36	<2	3	120	<20	0.11	<10	<10	55	<10	61
TR08139599	KKM08-02	148366	27.00	28.50	1.50	0.057	0.4	1.33	5	<10	110	<0.5	<2	2.79	<0.5	6	6	22	2.87	10	<1	0.21	10	0.85	843	1	0.04	1	1400	129	0.33	<2	4	149	<20	0.08	<10	<10	54	<10	56
TR08139599	KKM08-02	148367	28.50	30.00	1.50	0.010	<0.2	1.33	4	<10	150	<0.5	<2	2.46	<0.5	6	7	13	2.85	10	<1	0.27	10	0.86	759	1	0.06	1	1400	13	0.20	<2	4	129	<20	0.10	<10	<10	55	<10	55
TR08139599	KKM08-02	148368	30.00	31.50	1.50	0.068	0.2	0.89	17	<10	160	<0.5	<2	1.67	<0.5	6	5	6	2.38	10	<1	0.17	<10	0.65	603	1	0.03	1	1100	17	0.49	<2	3	104	<20	0.09	<10	<10	41	<10	40
TR08139599	KKM08-02	148369	31.50	32.50	1.00	0.003	<0.2	1.35	6	<10	90	<0.5	<2	2.20	<0.5	7	7	8	3.05	10	<1	0.13	10	0.95	784	1	0.05	1	1480	6	0.25	<2	4	136	<20	0.11	<10	<10	59	<10	57
TR08139599	KKM08-02	148370	32.50	33.50	1.00	0.005	<0.2	1.36	4	<10	160	<0.5	<2	2.24	<0.5	7	7	12	3.05	10	<1	0.18	10	0.90	759	6	0.05	1	1460	10	0.30	<2	4	167	<20	0.07	<10	<10	55	<10	57
TR08139599	KKM08-02	148371	33.50	34.00	0.50	0.657	1.2	0.39	21	<10	40	<0.5	2	2.01	<0.5	7	6	21	2.38	<10	<1	0.15	10	0.55	629	5	0.02	<1	1000	41	1.29	2	2	163	<20	<0.01	<10	<10	16	<10	28
TR08139599	KKM08-02	148372	Dup			0.969	1.0	0.39	16	<10	40	<0.5	2	2.02	<0.5	7	5	21	2.39	<10	<1	0.15	<10	0.55	633	5	0.02	<1	1010	44	1.29	5	2	166	<20	<0.01	<10	<10	16	<10	28
TR08139599	KKM08-02	148373	34.00	35.50	1.50	0.049	0.5	0.82	7	<10	100	<0.5	<2	3.47	<0.5	8	3	62	3.27	<10	<1	0.22	10	0.97	930	3	0.04	1	1660	36	0.74	<2	4	314	<20	0.01	<10	<10	32	<10	60
TR08139599	KKM08-02	148374	Std			2.010	0.8	1.32	2980	40	30	<0.5	61	6.19	<0.5	80	25	154	3.56	<10	<1	0.06	10	0.32	1060	10	0.08	30	1090	17	0.59	10	3	113	<20	0.06	<10	<10	27	30	75
TR08139599	KKM08-02	148375	35.50	37.00	1.50	0.031	0.2	0.58	9	<10	490	<0.5	<2	3.58	<0.5	7	3	4	2.69	<10	<1	0.23	10	0.82	853	1	0.04	1	1410	7	0.37	2	2	323	<20	0.01	<10	<10	20	<10	49
TR08139599	KKM08-02	148376	Blank			0.002	0.2	0.43	3	<10	70	<0.5	2	0.18	<0.5	1	6	2	1.13	<10	<1	0.20	20	0.18	257	<1	0.07	2	280	8	0.02	<2	1	14	<20	0.07	<10	<10	13	<10	57
TR08139599	KKM08-02	148377	37.00	38.50	1.50	0.015	0.4	0.77	4	<10	490	<0.5	3	2.81	<0.5	6	4	11	2.86	<10	<1	0.22	10	0.82	839	<1	0.06	1	1370	6	0.48	<2	3	327	<20	0.03	<10	<10	31	<10	48
TR08139599	KKM08-02	148378	38.50	39.90	1.40	0.004	<0.2	1.35	<2	<10	580	<0.5	3	2.31	<0.5	7	8	18	2.93	10	<1	0.18	10	0.91	787	<1	0.07	2	1390	6	0.24	<2	4	221	<20	0.11	<10	<10	55	<10	58
TR08139599	KKM08-02	148379	39.90	40.90	1.00	0.049	0.5	0.77	8	<10	280	<0.5	4	2.77	<0.5	6	4	12	2.80	<10	<1	0.25	10	0.70	873	<1	0.06	1	1360	10	0.87	<2	3	302	<20	<0.01	<10	<10	32	<10	46
TR08139599	KKM08-02	148380	40.90	41.90	1.00	0.016	0.6	1.00	5	<10	230	<0.5	3	3.04	<0.5	7	4	49	2.82	<10	<1	0.34	10	0.67	935	<1	0.05	1	1390	10	0.94	<2	3	327	<20	0.01	<10	<10	25	<10	54
TR08139599	KKM08-02	148381	41.90	42.60	0.70	0.834	13.9	0.70	75	<10	100	<0.5	125	2.45	6.6	12	3	28	3.68	<10	<1	0.37	10	0.50	938	<1	0.05	1	1170	239	2.94	14	2	206	<20	0.01	<10	<10	15	<10	174
TR08139599	KKM08-02	148382	47.87	49.40	1.53	0.011	0.2	1.47	3	<10	110	<0.5	2	1.94	<0.5	7	8	39	2.84	10	<1	0.18	10	0.82	710	<1	0.06	2	1310	7	0.34	<2	4	151	<20	0.14	<10	<10	53	<10	65
TR08139599	KKM08-02	148383	58.10	59.60	1.50	0.008	0.6	1.51	16	<10	110	<0.5	3	3.50	<0.5	9	6	71	3.94	<10	<1	0.24	10	1.10	1015	60	0.05	3	1870	8	0.60	2	5	368	<20	0.03	<10	<10	48	<10	74
TR08139599	KKM08-02	148384	59.60	61.20	1.60	0.019	0.5	1.08																																	

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Certificate Number	DDH	Sample Number	From (m)	To (m)	Interval (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR08136314	KKM08-03	148246	32.10	33.00	0.90	0.004	<0.2	1.70	<2	<10	410	<0.5	<2	2.91	<0.5	7	5	13	2.66	10	<1	0.36	10	0.76	785	<1	0.08	1	1330	4	0.15	<2	3	195	<20	0.01	<10	<10	35	<10	57
TR08136314	KKM08-03	148247	33.00	34.00	1.00	0.299	0.7	1.49	28	<10	140	<0.5	2	2.42	<0.5	6	4	12	3.01	10	<1	0.32	10	0.65	781	<1	0.05	<1	1340	8	1.17	<2	2	253	<20	0.01	<10	<10	32	<10	45
TR08136314	KKM08-03	148248	34.00	35.30	1.30	0.150	0.2	1.42	17	<10	120	<0.5	<2	2.94	<0.5	7	2	6	2.78	<10	<1	0.35	10	0.61	828	<1	0.05	<1	1370	4	1.03	<2	3	341	<20	0.01	<10	<10	18	<10	41
TR08136314	KKM08-03	148249	35.30	36.80	1.50	0.003	0.2	1.55	<2	<10	190	<0.5	<2	2.25	<0.5	6	5	12	2.80	10	<1	0.21	10	0.81	752	<1	0.08	1	1370	3	0.22	<2	3	193	<20	0.10	<10	<10	44	<10	58
TR08136314	KKM08-03	148250	36.80	38.30	1.50	0.005	<0.2	1.78	<2	<10	330	<0.5	<2	2.37	<0.5	7	5	13	2.85	10	<1	0.31	10	0.80	772	1	0.08	1	1370	2	0.26	<2	3	295	<20	0.03	<10	<10	39	<10	57
TR08136314	KKM08-03	148251	38.30	39.70	1.40	0.005	<0.2	1.53	2	<10	320	<0.5	<2	2.53	<0.5	7	4	8	2.77	10	<1	0.23	10	0.80	783	<1	0.06	<1	1370	3	0.30	<2	3	283	<20	0.04	<10	<10	41	<10	56
TR08136314	KKM08-03	148252	Std			1.890	0.7	1.35	2900	40	30	<0.5	64	5.59	<0.5	78	24	160	3.32	<10	<1	0.26	10	0.30	1060	9	0.08	27	1050	13	0.58	8	2	117	<20	0.06	<10	<10	25	20	75
TR08136314	KKM08-03	148253	39.70	40.80	1.10	0.041	0.2	1.48	39	<10	80	<0.5	<2	2.66	<0.5	7	4	21	2.81	<10	<1	0.25	10	0.69	759	<1	0.06	<1	1330	5	0.65	<2	3	303	<20	0.01	<10	<10	36	<10	49
TR08136314	KKM08-03	148254	40.80	42.50	1.70	2.100	1.2	0.93	83	<10	90	<0.5	3	3.42	<0.5	8	3	24	3.42	<10	<1	0.21	10	0.56	1010	<1	0.03	1	1220	27	2.07	<2	3	365	<20	0.01	<10	<10	30	<10	43
TR08136314	KKM08-03	148255	Dup			1.945	1.2	0.94	81	<10	80	<0.5	2	3.40	<0.5	8	3	23	3.39	<10	<1	0.20	10	0.56	1005	<1	0.03	1	1230	27	2.08	<2	3	368	<20	0.01	<10	<10	30	<10	43
TR08136314	KKM08-03	148256	Blank			0.005	<0.2	0.47	2	<10	80	<0.5	<2	0.22	<0.5	2	7	3	1.25	<10	<1	0.21	20	0.17	285	<1	0.08	<1	270	2	0.01	<2	1	20	<20	0.07	<10	<10	10	<10	47
TR08136314	KKM08-03	148257	42.50	43.60	1.10	0.116	<0.2	1.18	3	<10	360	<0.5	<2	2.72	<0.5	6	4	24	2.64	<10	<1	0.23	10	0.67	783	<1	0.04	1	1360	3	0.40	<2	2	234	<20	0.04	<10	<10	35	<10	50
TR08136314	KKM08-03	148258	57.90	59.00	1.10	0.004	<0.2	1.56	<2	<10	240	<0.5	<2	2.76	<0.5	7	5	37	2.89	10	<1	0.18	10	0.82	792	<1	0.05	1	1480	6	0.36	<2	4	203	<20	0.01	<10	<10	41	<10	66
TR08136314	KKM08-03	148259	59.00	59.50	0.50	0.025	0.3	0.84	6	<10	90	0.5	2	2.39	<0.5	7	3	46	3.26	<10	<1	0.21	10	0.71	843	<1	0.03	2	1540	5	1.18	<2	3	223	<20	0.01	<10	<10	20	<10	46
TR08136314	KKM08-03	148260	59.50	61.20	1.70	0.195	2.7	0.49	16	<10	70	<0.5	14	3.00	<0.5	22	6	60	4.81	<10	<1	0.18	<10	0.95	917	43	0.02	3	750	33	4.23	2	1	215	<20	0.01	<10	<10	7	<10	29
TR08136314	KKM08-03	148261	61.20	62.10	0.90	0.049	0.6	0.85	7	<10	70	0.6	2	2.68	<0.5	7	3	54	3.38	<10	<1	0.23	10	0.96	978	<1	0.03	<1	1480	8	1.06	<2	3	221	<20	0.01	<10	<10	15	<10	58
TR08136314	KKM08-03	148262	62.10	63.20	1.10	0.585	0.6	0.79	35	<10	130	<0.5	8	2.26	<0.5	7	3	47	3.68	<10	<1	0.37	10	0.82	1080	<1	0.03	2	1440	11	2.45	2	3	150	<20	0.01	<10	<10	14	<10	38
TR08136314	KKM08-03	148263	63.20	64.50	1.30	0.032	0.5	0.77	16	<10	120	0.5	4	2.65	<0.5	8	6	26	3.24	<10	<1	0.27	10	0.96	1070	1	0.04	2	1460	9	1.23	<2	3	197	<20	0.01	<10	<10	18	<10	47
TR08136314	KKM08-03	148264	64.50	65.50	1.00	0.072	0.4	0.61	9	<10	80	0.5	3	3.02	<0.5	6	2	22	2.95	<10	<1	0.20	10	1.06	1085	<1	0.04	<1	1280	7	0.82	<2	3	243	<20	0.01	<10	<10	16	<10	48
TR08136314	KKM08-03	148265	65.50	66.50	1.00	0.333	3.1	0.56	91	<10	70	<0.5	17	4.57	<0.5	9	3	15	4.34	<10	<1	0.27	<10	1.50	2160	<1	0.03	2	960	78	3.42	<2	2	318	<20	0.01	<10	<10	9	<10	24
TR08136314	KKM08-03	148266	66.50	68.00	1.50	0.009	0.2	0.87	3	<10	160	0.5	<2	3.05	<0.5	7	4	13	3.02	<10	<1	0.24	10	0.80	1045	<1	0.05	1	1400	3	0.57	<2	4	307	<20	0.01	<10	<10	25	<10	52
TR08136314	KKM08-03	148267	68.00	69.50	1.50	0.121	0.2	0.83	19	<10	190	<0.5	<2	3.08	<0.5	7	4	5	3.06	<10	<1	0.28	10	0.67	967	<1	0.05	1	1440	4	1.10	<2	3	393	<20	0.01	<10	<10	26	<10	46
TR08136314	KKM08-03	148268	69.50	71.00	1.50	0.003	<0.2	0.93	<2	<10	1580	<0.5	<2	3.17	<0.5	6	4	4	2.89	<10	<1	0.24	10	0.76	890	<1	0.07	1	1460	3	0.14	<2	3	309	<20	0.01	<10	<10	25	<10	56
TR08136314	KKM08-03	148269	71.00	72.50	1.50	0.024	<0.2	0.73	3	<10	1090	<0.5	<2	3.19	<0.5	7	5	7	2.86	<10	<1	0.25	10	0.73	922	<1	0.07	1	1440	2	0.29	<2	3	256	<20	0.01	<10	<10	23	<10	52
TR08136314	KKM08-03	148270	72.50	74.00	1.50	0.106	0.2	0.62	34	<10	170	<0.5	<2	2.95	<0.5	7	4	12	2.93	<10	<1	0.30	10	0.61	1025	<1	0.05	1	1310	9	1.31	<2	2	223	<20	0.01	<10	<10	16	<10	37
TR08136314	KKM08-03	148271	74.00	75.50	1.50	0.165	0.3	0.68	20	<10	240	<0.5	<2	2.92	<0.5	8	4	13	3.14	<10	<1	0.29	10	0.76	1095	<1	0.05	1	1390	5	1.26	2	3	221	<20	0.01	<10	<10	19	<10	46
TR08136314	KKM08-03	148272	75.50	77.00	1.50	0.004	<0.2	0.84	<2	<10	480	<0.5	<2	3.01	<0.5	6	5	12	2.92	<10	<1	0.26	10	0.79	943	<1	0.07	1	1440	3	0.29	<2	3	258	<20	0.01	<10	<10	22	<10	51
TR08136314	KKM08-03	148273	Blank			0.001	<0.2	0.40	<2	<10	70	<0.5	<2	0.14	<0.5	1	8	2	1.13	<10	<1	0.17	10	0.15	253	<1	0.07	<1	240	<2	<0.01	<2	1	13	<20	0.06	<10	<10	9	<10	44
TR08136314	KKM08-03	148274	77.00	77.80	0.80	0.003	<0.2	0.75	<2	<10	930	<0.5	<2	3.23	<0.5	7	4	14	2.93	<10	<1	0.22	10	0.79	934	<1	0.08	1	1420	2	0.19	<2	3	318	<20	0.01	<10	<10	26	<10	57
TR08136314	KKM08-03	148275	77.80	79.30	1.50	1.130	0.9	0.56	71	<10	80	<0.5	<2	3.27	<																										

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Certificate Number	DDH	Sample Number	From (m)	To (m)	Interval (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR08136314	KKM08-04	148186	36.35	37.40	1.05	1.685	0.2	1.03	64	<10	100	<0.5	3	3.60	<0.5	7	4	13	3.34	<10	<1	0.36	10	0.44	1005	2	0.03	3	1410	16	2.11	<2	3	308	<20	<0.01	<10	<10	20	<10	34
<b>TR08136314</b>	<b>KKM08-04</b>	<b>148187</b>	<b>Blank</b>			0.029	<0.2	0.52	<2	<10	90	<0.5	<2	0.24	<0.5	4	31	17	1.21	<10	<1	0.23	20	0.20	284	1	0.08	7	310	2	0.01	<2	2	20	<20	0.07	<10	<10	18	<10	50
TR08136314	KKM08-04	148188	37.40	38.72	1.32	0.029	<0.2	1.26	<2	<10	380	<0.5	<2	3.46	<0.5	6	6	5	2.86	10	1	0.22	10	0.77	911	<1	0.04	3	1460	3	0.33	<2	3	287	<20	0.01	<10	<10	38	<10	50
<b>TR08136314</b>	<b>KKM08-04</b>	<b>148189</b>	<b>Dup</b>			0.022	<0.2	1.24	<2	<10	380	<0.5	<2	3.43	<0.5	6	6	5	2.85	10	1	0.22	10	0.78	911	<1	0.04	3	1470	3	0.34	<2	3	288	<20	0.01	<10	<10	38	<10	50
TR08136314	KKM08-04	148190	38.72	40.10	1.38	0.013	<0.2	1.55	<2	<10	420	<0.5	<2	3.06	<0.5	6	7	7	2.96	10	<1	0.30	10	0.86	836	<1	0.06	3	1450	4	0.16	<2	3	305	<20	0.03	<10	<10	46	<10	56
TR08136314	KKM08-04	148191	40.10	41.40	1.30	0.006	<0.2	1.43	<2	<10	620	<0.5	<2	3.45	<0.5	6	5	4	2.77	10	<1	0.37	10	0.75	908	<1	0.07	2	1390	2	0.38	<2	3	278	<20	0.01	<10	<10	37	<10	49
TR08136314	KKM08-04	148192	41.40	42.40	1.00	<0.001	<0.2	1.52	<2	<10	980	<0.5	<2	2.07	<0.5	7	8	13	2.77	10	<1	0.15	10	0.91	794	1	0.06	2	1470	4	0.07	<2	3	248	<20	0.09	<10	<10	49	<10	62
TR08136314	KKM08-04	148193	42.40	42.75	0.35	2.710	0.4	0.95	63	<10	140	<0.5	5	4.32	<0.5	6	5	6	3.11	<10	<1	0.32	10	0.51	1060	2	0.03	2	1130	11	2.31	<2	2	270	<20	<0.01	<10	<10	23	<10	32
TR08136314	KKM08-04	148194	42.75	44.25	1.50	0.126	<0.2	1.49	7	<10	350	<0.5	2	2.94	<0.5	7	7	14	2.96	10	<1	0.25	10	0.81	934	1	0.06	1	1490	6	0.54	<2	3	308	<20	0.01	<10	<10	43	<10	54
TR08136314	KKM08-04	148195	44.25	45.25	1.00	0.011	<0.2	1.35	<2	<10	820	<0.5	<2	3.46	<0.5	6	5	6	2.77	<10	<1	0.36	10	0.77	890	1	0.07	1	1490	4	0.25	<2	3	344	<20	0.01	<10	<10	37	<10	55
TR08136314	KKM08-04	148196	45.25	46.30	1.05	<0.001	<0.2	0.96	<2	<10	1440	<0.5	<2	3.65	<0.5	6	4	4	2.66	<10	<1	0.31	10	0.83	924	1	0.05	1	1540	3	0.11	<2	2	307	<20	<0.01	<10	<10	25	<10	59
TR08136314	KKM08-04	148197	46.30	47.90	1.60	0.003	<0.2	1.66	<2	<10	1140	<0.5	2	2.97	<0.5	7	7	4	2.95	10	<1	0.26	10	0.89	861	1	0.08	1	1540	3	0.10	<2	3	327	<20	0.06	<10	<10	48	<10	66
TR08136314	KKM08-04	148198	47.90	49.80	1.90	0.021	<0.2	1.50	<2	<10	360	<0.5	<2	3.92	<0.5	7	5	6	2.99	10	<1	0.25	10	0.81	941	1	0.05	1	1510	3	0.51	<2	3	403	<20	0.01	<10	<10	42	<10	57
TR08136314	KKM08-04	148199	49.80	51.30	1.50	0.002	<0.2	1.59	<2	<10	280	<0.5	2	2.61	<0.5	7	6	9	2.80	10	<1	0.24	10	0.84	796	1	0.06	1	1540	3	0.24	<2	3	269	<20	0.01	<10	<10	42	<10	60
TR08136314	KKM08-04	148200	51.30	52.30	1.00	0.003	<0.2	1.38	<2	<10	320	<0.5	<2	2.48	<0.5	7	6	14	2.91	10	<1	0.20	10	0.80	812	1	0.05	1	1490	6	0.35	<2	3	269	<20	0.03	<10	<10	44	<10	56
TR08136314	KKM08-04	148201	52.30	53.50	1.20	0.011	<0.2	1.05	4	<10	260	<0.5	<2	3.48	<0.5	6	5	14	2.52	<10	<1	0.33	10	0.74	933	1	0.05	1	1360	6	0.51	<2	3	311	<20	0.01	<10	<10	31	<10	43
TR08136314	KKM08-04	148202	53.50	55.00	1.50	0.023	<0.2	1.06	6	<10	390	<0.5	<2	3.10	<0.5	7	4	14	2.82	<10	<1	0.33	10	0.69	872	1	0.05	1	1490	4	0.70	<2	3	302	<20	0.01	<10	<10	32	<10	56
TR08136314	KKM08-04	148203	55.00	56.40	1.40	0.088	0.2	0.99	15	<10	230	<0.5	<2	3.51	<0.5	7	3	34	2.82	<10	<1	0.42	10	0.84	973	1	0.05	5	1470	5	0.75	3	3	283	<20	<0.01	<10	<10	16	<10	64
TR08136314	KKM08-04	148204	56.40	57.90	1.50	0.043	0.4	0.84	12	<10	120	<0.5	<2	2.91	<0.5	7	3	63	2.93	<10	<1	0.36	10	0.81	988	2	0.04	1	1430	9	1.24	2	3	225	<20	<0.01	<10	<10	14	<10	45
TR08136314	KKM08-04	148205	57.90	59.40	1.50	0.003	<0.2	0.99	3	<10	430	<0.5	<2	3.08	<0.5	7	4	10	2.76	<10	<1	0.37	10	0.84	912	2	0.07	1	1470	3	0.41	<2	3	264	<20	<0.01	<10	<10	25	<10	50
TR08136314	KKM08-04	148206	59.40	61.00	1.60	0.269	0.4	0.96	49	<10	160	<0.5	2	3.18	<0.5	8	5	11	3.42	<10	<1	0.39	10	0.84	1250	4	0.05	1	1470	32	1.93	2	3	229	<20	0.01	<10	<10	26	<10	37
<b>TR08136314</b>	<b>KKM08-04</b>	<b>148207</b>	<b>Blank</b>			<0.001	<0.2	0.51	<2	<10	90	<0.5	<2	0.24	<0.5	1	7	2	1.14	<10	<1	0.24	20	0.18	283	<1	0.09	<1	290	2	<0.01	<2	1	19	<20	0.07	<10	<10	10	<10	50
TR08136314	KKM08-04	148208	61.00	62.10	1.10	0.007	0.2	1.22	4	<10	750	<0.5	<2	2.39	<0.5	7	6	13	2.69	<10	<1	0.34	10	0.71	795	2	0.06	1	1390	4	0.38	<2	4	300	<20	0.03	<10	<10	44	<10	53
TR08136314	KKM08-04	148209	62.10	63.30	1.20	0.013	0.2	0.92	5	<10	190	0.5	2	3.62	<0.5	7	4	16	2.80	<10	<1	0.38	10	1.15	1060	1	0.04	1	1350	3	0.82	2	3	246	<20	<0.01	<10	<10	23	<10	39
<b>TR08136314</b>	<b>KKM08-04</b>	<b>148210</b>	<b>Std</b>			1.915	0.8	1.35	2920	40	30	<0.5	61	5.93	<0.5	79	25	156	3.42	<10	<1	0.06	10	0.31	1090	9	0.08	28	1090	13	0.59	9	2	114	<20	0.06	<10	<10	25	30	76
TR08136314	KKM08-04	148211	63.30	65.10	1.80	0.003	<0.2	1.11	32	<10	1140	<0.5	<2	3.05	<0.5	8	6	10	2.70	<10	<1	0.22	10	0.75	831	<1	0.06	2	1320	3	0.19	<2	4	413	<20	0.01	<10	<10	38	<10	57
TR08136314	KKM08-04	148212	65.10	66.60	1.50	0.044	0.2	0.85	18	<10	340	<0.5	<2	3.28	<0.5	8	3	16	2.87	<10	<1	0.37	10	0.72	1025	<1	0.05	2	1420	4	0.94	2	3	303	<20	<0.01	<10	<10	20	<10	47
<b>TR08136314</b>	<b>KKM08-04</b>	<b>148213</b>	<b>Dup</b>			0.026	0.2	0.76	13	10	330	<0.5	2	3.14	<0.5	7	5	18	2.80	<10	<1	0.31	10	0.72	956	1	0.05	5	1370	9	0.88	<2	3	302	<20	<0.01	<10	<10	22	<10	45
TR08136314	KKM08-04	148214	104.70	105.50	0.80	0.001	0.2	1.66	52	10	150	<0.5	<2	1.91	<0.5	12	28	84	3.50	<10	<1	0.30	10	0.96	520	14	0.11	50	900	7	1.20	11	3	188	<20	<0.01	<10	<10	30	<10	66
TR08136314	KKM08-04	148215	105.50	107.00	1.50	0.017	0.3	0.98	472																																

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Certificate Number	DDH	Sample Number	From (m)	To (m)	Interval (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR08139599	KKM08-05	148306	29.60	31.10	1.50	0.003	<0.2	0.82	<2	<10	510	<0.5	<2	3.32	<0.5	5	3	5	2.57	<10	<1	0.23	10	0.56	829	<1	0.04	1	1390	3	0.48	<2	3	266	<20	<0.01	<10	<10	30	<10	51
TR08139599	KKM08-05	148307	31.10	32.70	1.60	0.014	<0.2	0.77	5	<10	110	<0.5	<2	3.53	<0.5	5	2	16	2.54	<10	<1	0.29	10	0.71	947	<1	0.03	1	1340	6	0.91	<2	2	258	<20	<0.01	<10	<10	17	<10	44
TR08139599	KKM08-05	148308	32.70	34.20	1.50	0.023	0.2	0.72	4	<10	130	<0.5	3	3.36	<0.5	6	2	25	2.77	<10	<1	0.31	10	0.69	926	<1	0.03	1	1350	9	1.13	<2	2	268	<20	<0.01	<10	<10	17	<10	43
TR08139599	KKM08-05	148309	34.20	35.70	1.50	0.016	0.2	0.63	6	<10	110	<0.5	<2	3.28	<0.5	5	1	26	2.56	<10	<1	0.30	10	0.53	888	<1	0.03	1	1300	6	0.99	<2	2	279	<20	<0.01	<10	<10	15	<10	41
TR08139599	KKM08-05	148310	35.70	37.20	1.50	0.004	<0.2	0.52	2	<10	130	<0.5	<2	2.86	<0.5	5	1	19	2.59	<10	<1	0.21	10	0.63	827	<1	0.03	1	1350	3	0.34	<2	2	224	<20	<0.01	<10	<10	15	<10	51
TR08139599	KKM08-05	148311	37.20	38.50	1.30	0.010	<0.2	0.76	4	<10	90	0.5	<2	2.87	<0.5	5	2	26	2.77	<10	<1	0.22	10	0.97	959	<1	0.02	1	1430	5	0.53	<2	3	220	<20	<0.01	<10	<10	17	<10	51
TR08139599	KKM08-05	148312	38.50	39.00	0.50	0.012	<0.2	0.65	3	<10	410	<0.5	<2	3.15	<0.5	5	1	53	2.57	<10	<1	0.23	10	1.08	1030	<1	0.01	1	1470	6	0.53	<2	2	226	<20	<0.01	<10	<10	13	<10	45
TR08139599	KKM08-05	148313	39.00	39.20	0.20	0.226	2.3	0.39	259	<10	30	<0.5	11	0.89	<0.5	40	3	12	7.91	<10	<1	0.23	<10	0.30	402	<1	0.01	3	560	50	8.93	<2	<1	70	<20	<0.01	<10	<10	5	<10	5
TR08139599	KKM08-05	148314	39.20	39.70	0.50	0.034	0.2	0.58	18	<10	100	<0.5	2	3.16	<0.5	4	1	12	2.54	<10	<1	0.29	10	0.65	1030	<1	0.02	1	1300	5	1.03	<2	2	261	<20	<0.01	<10	<10	12	<10	38
TR08139599	KKM08-05	148315	39.70	41.20	1.50	0.012	0.2	0.59	5	<10	110	0.5	<2	3.25	<0.5	4	2	22	2.81	<10	<1	0.21	10	0.58	880	<1	0.05	1	1350	5	0.48	<2	3	332	<20	<0.01	<10	<10	23	<10	58
TR08139599	KKM08-05	148316	41.20	43.00	1.80	0.005	<0.2	0.69	<2	<10	110	0.5	<2	3.31	<0.5	5	2	16	2.79	<10	<1	0.24	10	0.56	888	<1	0.04	1	1310	6	0.71	<2	3	326	<20	<0.01	<10	<10	24	<10	53
TR08139599	KKM08-05	148317	43.00	44.50	1.50	0.004	<0.2	0.65	3	<10	100	0.5	<2	3.06	<0.5	6	2	19	2.85	<10	<1	0.24	10	0.73	849	<1	0.03	2	1360	6	1.10	<2	3	269	<20	<0.01	<10	<10	18	<10	49
TR08139599	KKM08-05	148318	44.50	46.00	1.50	0.115	0.8	0.62	14	<10	80	<0.5	3	2.82	<0.5	5	3	31	2.78	<10	<1	0.24	10	0.90	926	<1	0.02	1	1240	12	1.37	<2	2	224	<20	<0.01	<10	<10	11	<10	41
TR08139599	KKM08-05	148319	46.00	47.50	1.50	0.011	0.2	0.63	5	<10	90	0.5	<2	2.64	<0.5	5	3	18	2.62	<10	<1	0.22	10	0.84	985	<1	0.04	1	1230	4	0.33	<2	2	195	<20	<0.01	<10	<10	14	<10	45
TR08139599	KKM08-05	148320	47.50	49.00	1.50	0.009	<0.2	0.68	4	<10	130	<0.5	<2	3.01	<0.5	6	2	11	2.53	<10	<1	0.23	10	0.53	828	1	0.03	1	1280	3	0.58	<2	2	256	<20	<0.01	<10	<10	15	<10	46
TR08139599	KKM08-05	148321	49.00	50.60	1.60	0.005	<0.2	0.88	<2	<10	390	<0.5	<2	3.42	<0.5	6	3	8	2.51	<10	<1	0.24	10	0.60	917	1	0.04	1	1320	2	0.55	<2	2	397	<20	<0.01	<10	<10	19	<10	49
TR08139599	KKM08-05	148322	50.60	52.10	1.50	0.074	<0.2	0.60	4	<10	540	<0.5	<2	2.56	<0.5	5	4	22	2.00	<10	<1	0.23	10	0.50	695	<1	0.04	2	1090	4	0.49	<2	2	314	<20	<0.01	<10	<10	15	<10	39
TR08139599	KKM08-05	148323	52.10	53.60	1.50	0.025	<0.2	0.66	<2	<10	790	<0.5	<2	3.12	<0.5	5	4	15	2.51	<10	<1	0.24	10	0.72	902	<1	0.06	2	1350	3	0.24	<2	3	245	<20	<0.01	<10	<10	20	<10	50
TR08139599	KKM08-05	148324	83.60	84.60	1.00	0.023	<0.2	0.66	4	<10	460	<0.5	<2	3.07	<0.5	6	4	3	2.80	<10	<1	0.20	10	0.82	947	<1	0.05	2	1450	3	0.48	<2	3	336	<20	<0.01	<10	<10	26	<10	58
TR08139599	KKM08-05	148325	84.60	84.80	0.20	2.410	7.5	0.36	79	<10	50	<0.5	75	1.48	<0.5	8	5	35	3.33	<10	<1	0.23	<10	0.35	440	<1	0.01	2	560	154	2.99	8	1	1555	<20	<0.01	<10	<10	6	<10	20
TR08139599	KKM08-05	148326	84.80	85.50	0.70	0.022	<0.2	0.75	7	<10	380	<0.5	<2	2.87	<0.5	6	4	7	2.70	<10	<1	0.22	10	0.76	870	<1	0.06	2	1450	5	0.52	<2	3	272	<20	0.01	<10	<10	28	<10	52
TR08139599	KKM08-05	148327	113.00	114.50	1.50	0.026	<0.2	0.49	9	<10	90	<0.5	<2	3.59	<0.5	5	2	23	2.82	<10	<1	0.25	10	0.87	912	<1	0.04	1	1360	4	0.39	2	3	329	<20	<0.01	<10	<10	11	<10	49
TR08139599	KKM08-05	148328	Std			1.980	0.8	1.23	2930	30	30	<0.5	62	5.68	<0.5	80	24	158	3.21	<10	<1	0.06	10	0.31	1000	9	0.07	29	1080	12	0.59	7	2	110	<20	0.05	<10	<10	25	30	75
TR08139599	KKM08-05	148329	Blank			0.002	<0.2	0.46	2	<10	50	<0.5	<2	0.30	<0.5	2	6	2	1.32	<10	<1	0.12	10	0.23	368	<1	0.06	<1	330	4	<0.01	<2	1	21	<20	0.04	<10	<10	13	<10	56
TR08139599	KKM08-05	148330	114.50	116.00	1.50	0.026	<0.2	0.39	3	<10	60	<0.5	<2	3.19	<0.5	5	3	25	2.60	<10	<1	0.19	10	0.78	880	<1	0.03	1	1380	7	0.31	2	3	270	<20	<0.01	<10	<10	12	<10	45
TR08139599	KKM08-05	148331	116.00	117.20	1.20	0.005	<0.2	0.49	2	<10	140	<0.5	<2	3.72	<0.5	7	3	22	2.88	<10	<1	0.26	10	0.92	975	<1	0.04	1	1430	6	0.35	<2	3	274	<20	<0.01	<10	<10	14	<10	51
TR08139599	KKM08-05	148332	117.20	117.70	0.50	0.861	0.8	0.27	103	<10	40	<0.5	4	5.39	<0.5	8	1	12	5.42	<10	<1	0.15	<10	1.60	3310	<1	0.01	2	940	16	3.99	<2	2	301	<20	<0.01	<10	<10	6	<10	46
TR08139599	KKM08-05	148333	Dup			0.844	0.3	0.28	109	<10	40	<0.5	3	5.42	<0.5	7	1	12	5.48	<10	<1	0.15	<10	1.60	3370	<1	0.01	2	930	17	4.05	2	2	300	<20	<0.01	<10	<10	6	<10	48
TR08139599	KKM08-05	148334	117.70	118.75	1.05	0.009	0.2	0.65	2	<10	180	<0.5	<2	4.03	<0.5	5	3	69	2.94	<10	<1	0.19	10	1.16	922	<1	0.03	2	1430	5	0.36	3	3	329	<20	<0.01	<10	<10	19	<10	59
TR08139599	KKM08-05	148335	128.35	129.80	1.45	0.114																																			

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Certificate Number	DDH	Sample Number	From (m)	To (m)	Interval (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR08139599	KKM08-06	148391	11.50	13.00	1.50	0.009	0.3	0.73	5	<10	140	<0.5	2	3.04	<0.5	5	2	30	2.39	<10	<1	0.30	10	0.45	772	2	0.05	<1	1270	6	0.95	<2	2	192	<20	<0.01	<10	<10	20	<10	40
TR08139599	KKM08-06	148392	13.00	14.50	1.50	0.028	0.4	0.90	7	<10	170	<0.5	3	4.01	<0.5	7	2	25	3.05	<10	<1	0.41	10	0.52	1030	<1	0.05	<1	1560	8	1.49	<2	2	300	<20	<0.01	<10	<10	21	<10	43
TR08139599	KKM08-06	148393	14.50	16.00	1.50	0.008	0.4	0.74	4	<10	130	<0.5	5	3.15	<0.5	5	3	41	2.54	<10	<1	0.31	10	0.49	772	<1	0.05	<1	1270	6	1.01	<2	2	209	<20	<0.01	<10	<10	20	<10	43
TR08139599	KKM08-06	148394	16.00	17.50	1.50	1.000	1.8	0.73	19	<10	120	<0.5	6	3.23	<0.5	6	2	41	2.85	<10	<1	0.33	10	0.54	839	<1	0.05	1	1350	114	1.03	<2	2	297	<20	<0.01	<10	<10	15	<10	47
TR08139599	KKM08-06	148395	Std			1.845	0.7	1.39	2830	40	30	<0.5	63	6.06	0.6	77	26	157	3.69	<10	<1	0.07	10	0.34	1090	7	0.10	28	1110	14	0.62	8	3	129	<20	0.06	<10	<10	29	30	75
TR08139599	KKM08-06	148396	17.50	19.00	1.50	0.022	0.4	0.54	18	<10	90	<0.5	3	3.72	<0.5	5	2	20	2.74	<10	<1	0.23	10	0.65	896	<1	0.05	<1	1310	6	0.41	<2	2	318	<20	<0.01	<10	<10	13	<10	46
TR08139599	KKM08-06	148397	Blank			0.006	<0.2	0.49	3	<10	70	<0.5	3	0.27	<0.5	1	14	5	1.35	<10	<1	0.22	20	0.22	309	<1	0.08	1	330	5	0.03	<2	1	19	<20	0.07	<10	<10	15	<10	57
TR08139599	KKM08-06	148398	19.00	20.50	1.50	0.027	0.3	0.49	4	<10	130	<0.5	2	3.27	<0.5	5	2	9	2.49	<10	<1	0.23	10	0.64	807	<1	0.04	<1	1320	3	0.57	<2	1	216	<20	<0.01	<10	<10	11	<10	42
TR08139599	KKM08-06	148399	Dup			0.024	0.3	0.48	5	<10	130	<0.5	3	3.36	<0.5	5	2	10	2.57	<10	<1	0.23	10	0.65	827	<1	0.05	1	1340	5	0.61	<2	1	219	<20	<0.01	<10	<10	11	<10	44
TR08139599	KKM08-06	148400	20.50	22.10	1.60	0.018	0.3	0.66	4	<10	130	<0.5	3	3.52	<0.5	6	3	24	2.69	<10	<1	0.26	10	0.55	808	<1	0.06	1	1390	6	0.69	<2	2	282	<20	<0.01	<10	<10	16	<10	47
TR08139599	KKM08-06	148401	22.10	23.10	1.00	0.030	0.4	0.63	3	<10	90	<0.5	2	3.84	<0.5	6	2	18	2.88	<10	<1	0.25	10	0.79	961	<1	0.05	1	1380	5	0.71	<2	2	332	<20	<0.01	<10	<10	13	<10	49
TR08139599	KKM08-06	148402	52.30	54.00	1.70	0.095	0.5	0.69	12	<10	110	<0.5	4	2.38	<0.5	11	3	13	3.09	<10	<1	0.25	10	0.61	637	3	0.05	2	1480	7	1.77	<2	2	223	<20	<0.01	<10	<10	17	<10	40
TR08139599	KKM08-06	148403	54.00	55.50	1.50	0.084	0.7	0.56	18	<10	90	<0.5	6	3.31	<0.5	16	2	17	3.65	<10	<1	0.23	10	0.88	804	16	0.03	2	1260	9	2.49	<2	2	282	<20	<0.01	<10	<10	11	<10	33
TR08139599	KKM08-06	148404	55.50	57.00	1.50	0.072	0.7	0.48	10	<10	160	<0.5	4	6.28	<0.5	7	2	10	3.98	<10	<1	0.13	10	1.97	1750	<1	0.03	2	990	8	1.33	<2	2	472	<20	<0.01	<10	<10	18	<10	53
TR08139599	KKM08-06	148405	57.00	58.50	1.50	0.024	0.3	0.68	6	<10	70	0.6	3	4.24	<0.5	7	3	39	3.52	<10	<1	0.20	10	1.34	1320	<1	0.05	3	1920	5	0.66	2	4	320	<20	<0.01	<10	<10	26	<10	79
TR08139599	KKM08-06	148406	58.50	60.00	1.50	0.021	1.4	0.72	6	<10	100	0.6	2	4.51	<0.5	9	3	523	3.55	<10	<1	0.26	10	1.57	1175	11	0.05	4	1820	6	0.66	<2	4	344	<20	<0.01	<10	<10	25	<10	68
TR08139599	KKM08-06	148407	60.00	61.50	1.50	0.013	1.0	0.59	2	<10	80	<0.5	3	2.81	<0.5	9	4	216	2.85	<10	<1	0.22	10	0.91	856	26	0.05	2	1350	4	0.70	<2	3	204	<20	<0.01	<10	<10	17	<10	59
TR08139599	KKM08-06	148408	61.50	63.00	1.50	0.005	0.9	0.80	<2	<10	140	<0.5	3	3.63	<0.5	7	5	125	2.94	<10	<1	0.21	10	0.90	949	3	0.06	2	1410	6	0.32	22	3	332	<20	<0.01	<10	<10	23	<10	65
TR08139599	KKM08-06	148409	76.30	78.00	1.70	0.009	0.2	0.45	25	<10	60	<0.5	3	3.05	<0.5	8	3	22	3.32	<10	<1	0.20	10	1.03	954	<1	0.07	4	1340	8	0.37	4	3	274	<20	<0.01	<10	<10	13	<10	69
TR08139599	KKM08-06	148410	78.00	79.00	1.00	0.022	0.7	0.53	72	<10	120	<0.5	3	2.95	<0.5	14	12	90	4.30	<10	<1	0.27	10	1.16	766	11	0.04	69	790	9	0.57	25	4	329	<20	<0.01	<10	<10	19	<10	74
TR08139599	KKM08-06	148411	79.00	80.50	1.50	0.062	1.0	0.47	91	<10	70	<0.5	4	3.68	6.7	8	2	151	4.16	<10	<1	0.22	10	1.03	1080	37	0.07	11	1250	30	1.73	53	2	330	<20	<0.01	<10	<10	9	<10	529
TR08139599	KKM08-06	148412	80.50	82.00	1.50	0.005	0.4	0.49	30	<10	70	<0.5	<2	2.77	1.3	8	2	97	3.94	<10	<1	0.17	<10	0.93	1655	18	0.08	6	1370	8	1.53	23	3	239	<20	<0.01	<10	<10	12	<10	233
TR08139599	KKM08-06	148413	82.00	82.90	0.90	0.010	0.5	0.59	19	<10	90	<0.5	<2	2.34	0.5	7	2	128	3.73	<10	<1	0.20	<10	0.86	933	34	0.07	10	1160	8	1.62	31	2	237	<20	<0.01	<10	<10	9	<10	106
KKM08-07: 6064580E,511385N, Elev: 260m, Brg: 331°, Dip: -65°, EOH: 172.56m																																									
No Sampling																																									
KKM08-08: 6064580E,511385N, Elev: 260m, Brg: 46°, Dip: -45°, EOH: 84.45m																																									
No Sampling																																									
KKM08-09: 6064665E,511692N, Elev: 240m, Brg: 270°, Dip: -45°, EOH: 139.33m																																									
No Sampling																																									
KKM08-10: 6064687E,511430N, Elev: 265m, Brg: 306°, Dip: -45°, EOH: 121.04m																																									
TR08126073	KKM08-10	148107	15.90	16.80	0.90	0.041	0.3	0.89	86	<10	140	<0.5	<2	1.82	<0.5	17	31	52	3.92	<10	<1	0.33	10	1.16	857	45	0.02	85	730	7	0.32	7	3	197	<20	<0.01	<10	<10	27	<10	72
TR08126073	KKM08-10	148108	16.80	17.20	0.40	0.053	5.2	0.48	57	<10	90	<0.5	<2	1.09	1.6	4	10	530	0.96	<10	<1	0.29	10	0.35	416	22	0.02	38	510	9	0.34	20	1	85	<20	<0.01	<10	<10	9	<10	93
TR08126073	KKM08-10	148109	17.20	18.20	1.00	0.024	0.4	0.66	138	<10	110	<0.5	<2	3.50	0.5	15	16	74	4.10	<10	<1	0.36	10	1.30	1455	22	0.02	80	740	18	0.60	24	3	304	<20	<0.01	<10	<10	22	<10	62
TR08126073	KKM08-10	148110	18.20	19.20	1.00	0.047	0.8	0.54	62	<10	90	<0.5	<2	2.00	1.2	9	12	117	2.33	<10	<1	0.34	10	0.66	1080	23	0.01	51	690	73	0.80	22	2	134	<20	<0.01	<10	<10	10	<10	63
TR08126073	KKM08-10	148111	19.20	20.43	1.23	0.028	0.7	0.99	52	<10	110	<0.5	<2	1.82	0.7	12	27	101	3.11	<10	<1	0.34	10	0.75	944	52	0.01	56	1320	28	0.59	11	3	138	<20	<0.01	<10	<10	23	<10	58
TR08126073	KKM08-10	148112	20.43	21.40	0.97	0.003	<0.2	1.14	14	<10	140	<0.5	<2	1.46	<0.5	15	42	32																							

KALUM PROPERTY DRILLING 2008

Certificate Number	DDH	Sample Number	From (m)	To (m)	Interval (m)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR08126073	KKM08-10	148133	52.90	54.40	1.50	0.017	<0.2	0.66	10	10	80	0.5	<2	2.62	<0.5	7	3	43	3.21	<10	<1	0.23	10	1.17	1040	1	<0.01	7	1500	11	0.36	<2	3	216	<20	<0.01	<10	<10	20	<10	59
TR08126073	KKM08-10	148134	54.50	56.00	1.50	0.035	<0.2	0.53	5	<10	100	0.5	<2	3.35	<0.5	7	3	15	2.99	<10	<1	0.16	10	1.31	1190	1	<0.01	5	1500	6	0.17	<2	3	221	<20	<0.01	<10	<10	17	<10	56
TR08126073	KKM08-10	148135	56.00	57.50	1.50	0.020	0.4	0.47	21	10	70	<0.5	2	2.50	<0.5	6	3	26	2.63	<10	<1	0.23	10	1.06	1130	1	<0.01	5	1500	14	0.72	<2	2	177	<20	<0.01	<10	<10	12	<10	54
TR08126073	KKM08-10	148136	57.50	59.00	1.50	0.008	0.3	0.62	11	10	80	0.5	2	1.95	<0.5	6	4	16	2.90	<10	<1	0.21	10	0.85	904	1	0.01	5	1500	10	0.29	<2	3	164	<20	<0.01	<10	<10	19	<10	61
TR08126073	KKM08-10	148137	59.00	60.50	1.50	0.017	<0.2	1.21	7	10	90	0.5	2	2.83	<0.5	8	5	8	3.09	<10	<1	0.17	10	0.78	755	1	0.01	5	1380	5	0.29	<2	3	264	<20	<0.01	<10	<10	25	<10	68
TR08126073	KKM08-10	148138	86.20	87.70	1.50	0.003	<0.2	1.14	16	<10	130	<0.5	<2	3.34	<0.5	8	14	45	3.23	<10	<1	0.13	10	1.02	793	1	0.02	9	1290	5	0.39	<2	3	313	<20	0.01	<10	<10	32	<10	51
TR08126073	KKM08-10	148139	87.70	89.20	1.50	0.004	<0.2	0.83	5	10	110	<0.5	<2	3.11	<0.5	7	5	32	2.99	<10	<1	0.17	10	0.82	775	1	0.02	4	1230	4	0.41	<2	3	266	<20	<0.01	<10	<10	20	<10	51
TR08126073	KKM08-10	148140	89.20	90.70	1.50	0.012	<0.2	0.59	7	<10	90	<0.5	<2	3.00	<0.5	8	4	41	2.97	<10	<1	0.17	10	0.95	829	1	0.01	4	1310	4	0.48	<2	3	224	<20	<0.01	<10	<10	17	<10	53
TR08126073	KKM08-10	148141	90.70	92.20	1.50	0.009	<0.2	0.51	23	<10	90	<0.5	2	8.70	<0.5	8	3	98	3.32	<10	<1	0.18	10	2.20	1250	1	<0.01	8	1030	6	1.20	2	2	633	<20	<0.01	<10	<10	15	<10	32
TR08126073	KKM08-10	148142	92.20	93.70	1.50	0.042	<0.2	0.58	44	<10	140	<0.5	<2	3.45	<0.5	9	3	45	3.65	<10	<1	0.17	10	1.18	956	3	0.01	5	1220	6	1.36	<2	3	212	<20	<0.01	<10	<10	16	<10	57
TR08126073	KKM08-10	148143	93.70	95.20	1.50	0.004	<0.2	0.47	2	<10	300	<0.5	<2	3.35	<0.5	8	3	65	2.76	<10	<1	0.19	10	0.94	822	1	0.01	4	1280	3	0.60	<2	2	244	<20	<0.01	<10	<10	11	<10	62
TR08126073	KKM08-10	148144	95.20	96.70	1.50	0.005	<0.2	0.42	7	<10	440	<0.5	<2	3.71	<0.5	8	3	54	2.93	<10	<1	0.19	10	1.03	831	<1	<0.01	4	1250	3	0.66	<2	2	251	<20	<0.01	<10	<10	10	<10	63
TR08126073	KKM08-10	148145	96.70	99.20	2.50	0.009	0.2	0.45	3	10	150	<0.5	2	3.41	<0.5	6	2	37	2.73	<10	<1	0.21	10	0.88	833	<1	0.01	3	1250	6	0.51	<2	2	230	<20	<0.01	<10	<10	9	<10	66
TR08126073	KKM08-10	148146	99.20	100.70	1.50	0.015	<0.2	0.43	14	10	80	<0.5	<2	3.32	<0.5	8	3	51	3.10	<10	<1	0.22	10	0.91	815	1	0.01	3	1280	7	1.07	4	2	272	<20	<0.01	<10	<10	10	<10	91
TR08126073	KKM08-10	148147	100.70	102.30	1.60	0.051	0.6	0.44	31	10	70	<0.5	<2	3.18	<0.5	9	3	108	3.37	<10	<1	0.22	10	0.89	788	4	0.02	11	1370	10	1.28	13	2	266	<20	<0.01	<10	<10	11	<10	63
<b>KKM08-11: 6064620E,511453N, Elev: 265m, Brg: 312°, Dip: -45°, EOH: 72.26m</b>																																									
TR08126073	KKM08-11	148148	3.40	4.50	1.10	0.003	<0.2	2.82	28	<10	120	0.5	<2	0.45	<0.5	20	82	56	5.20	10	<1	0.24	20	1.40	546	2	<0.01	104	1000	7	0.23	<2	3	30	<20	0.01	<10	<10	78	<10	112
TR08126073	KKM08-11	148149	4.50	6.00	1.50	0.025	<0.2	0.92	15	<10	130	<0.5	2	3.04	<0.5	10	16	23	3.39	<10	<1	0.16	10	1.24	1170	<1	0.02	12	1330	8	0.41	<2	5	198	<20	0.01	<10	<10	39	<10	72
TR08126073	KKM08-11	148150	6.00	7.50	1.50	0.013	0.3	1.32	10	<10	140	<0.5	<2	3.23	<0.5	9	14	23	3.28	<10	<1	0.16	10	1.20	1120	<1	0.02	10	1360	39	0.37	<2	4	221	<20	0.02	<10	<10	42	<10	77
TR08126073	KKM08-11	148151	7.50	9.00	1.50	0.167	<0.2	1.77	6	<10	150	<0.5	2	2.97	<0.5	9	25	15	3.39	<10	<1	0.13	10	1.26	1060	<1	0.02	12	1380	8	0.31	<2	5	209	<20	0.03	<10	<10	65	<10	76
TR08126073	KKM08-11	148152	9.00	10.50	1.50	0.659	1.7	0.80	23	10	110	<0.5	5	4.05	<0.5	9	8	55	3.37	<10	<1	0.23	10	1.21	1280	1	0.01	9	1350	109	0.66	2	3	299	<20	<0.01	<10	<10	22	<10	76
TR08126073	KKM08-11	148153	10.50	12.00	1.50	0.004	<0.2	1.30	6	<10	150	<0.5	<2	3.05	1.2	10	14	20	3.43	<10	<1	0.14	10	1.19	897	<1	0.03	8	1380	8	0.35	<2	5	223	<20	0.01	<10	<10	48	<10	126
TR08126073	KKM08-11	148154	12.00	13.50	1.50	0.146	0.3	0.78	33	<10	90	<0.5	<2	3.43	<0.5	10	7	34	3.72	<10	<1	0.21	10	1.22	1080	1	0.01	10	1410	20	0.94	6	4	243	<20	<0.01	<10	<10	24	<10	71
TR08126073	KKM08-11	148155	13.50	15.00	1.50	0.008	0.2	0.73	81	<10	100	<0.5	<2	3.36	<0.5	9	8	50	3.48	<10	<1	0.17	10	1.22	1010	1	0.01	9	1430	22	0.49	4	5	249	<20	<0.01	<10	<10	33	<10	99
TR08126073	KKM08-11	148156	15.00	16.80	1.80	0.006	0.2	0.93	69	<10	110	<0.5	2	3.30	<0.5	9	12	29	3.41	<10	<1	0.16	10	1.18	997	<1	0.02	10	1410	9	0.36	<2	4	242	<20	0.01	<10	<10	40	<10	79
TR08126073	KKM08-11	148157	16.80	18.30	1.50	4.550	5.1	0.76	61	<10	100	<0.5	17	4.30	4.4	8	11	33	4.06	<10	<1	0.17	10	1.22	1520	<1	0.01	9	1240	156	1.71	3	4	358	<20	<0.01	<10	<10	34	<10	223
TR08126073	KKM08-11	148158	18.30	19.80	1.50	0.011	<0.2	1.21	9	<10	110	<0.5	<2	3.27	<0.5	9	16	22	3.37	<10	<1	0.14	10	1.28	969	<1	0.03	11	1360	7	0.32	<2	5	213	<20	0.01	<10	<10	44	<10	75
TR08126073	KKM08-11	148159	19.80	21.00	1.20	0.005	<0.2	1.15	22	<10	80	<0.5	<2	3.10	<0.5	11	22	37	3.59	<10	<1	0.16	10	1.33	879	3	0.03	16	1270	7	0.45	<2	5	176	<20	<0.01	<10	<10	41	<10	71
TR08126073	KKM08-11	148160	Std			1.930	0.4	1.18	2850	40	30	<0.5	59	5.76	<0.5	77	24	149	3.34	<10	<1	0.06	10	0.31	981	9	0.05	29	1040	14	0.56	6	2	105	<20	0.05	<10	<10	25	30	71
TR08126073	KKM08-11	148161	21.00	22.30	1.30	0.008	<0.2	0.75	114	<10	130	0.5	<2	1.07	<0.5	19	27	55	4.94	<10	<1	0.28	10	1.29	559	1	0.02	101	1320	10	0.24	9	3	120	<20	<0.01	<10	<10	30	<10	128
TR08126073	KKM08-11	148162	22.30	23.50	1.20	0.017	0.3	1.30	107	<10	90	<0.5	<2	1.01	<0.5	19	37	54	4.50	<10	<1	0.21	10	0.94	564	4	<0.01	90	920	6	0.39	6	3	95	<20	<0.01	<10	<10	34	<10	77
TR08126073	KKM08-11	148163	Blank			<0.001	<0.2	0.40	<2	<10	60	<0.5	<2	0.19	<0.5	1	10	2	1.26	<10	<1	0.18	10	0.19	265	1	0.03	1	290	<2	<0.01	<2	1	12	<20	0.07	<10	<10	13	<10	45
TR08126073	KKM08-11	148164	23.50	24.40	0.90	0.014	0.3	0.37	14	<10	60	<0.5	<2	5.07	<0.5	6	5	25	3.41	<10	<1	0.19	10	1.45	1230	<1	<0.01	14	1040	41	0.27	<2	3	386	<20	<0.01	<10	<10	9	<10	58
TR08126073	KKM08-11	148165	24.40	26.25	1.85	0.016	0.2	0.53	14	10	70	<0.5	<2	3.39	<0.5	9	5	58	3.24	<10	<1	0.20																			

KALUM PROPERTY ROCK SAMPLES 2008

Certificate Number	Sample Number	Easting (NAD83)	Northing (NAD83)	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
TR08116335	H148001	511374	6064708	0.261	0.2	0.85	92	<10	260	<0.5	3	0.16	<0.5	3	4	8	3.10	<10	<1	0.49	10	0.11	132	1	0.02	3	1230	4	0.74	<2	1	17	<20	<0.01	<10	<10	11	<10	17
TR08116335	H148002	511435	6064798	0.003	<0.2	1.93	3	<10	230	<0.5	<2	1.62	<0.5	10	22	23	3.52	10	<1	0.21	10	1.06	842	<1	0.09	11	1380	7	0.24	<2	6	98	<20	0.02	<10	<10	64	<10	96
TR08116335	H148003	511304	6064628	0.005	<0.2	1.56	38	<10	170	0.5	<2	1.16	<0.5	10	15	20	3.46	<10	<1	0.30	10	0.62	1035	1	0.08	31	1160	4	0.21	4	3	61	<20	0.01	<10	<10	33	<10	81
TR08116335	H148004	511284	6064778	0.001	<0.2	1.00	<2	<10	290	<0.5	2	0.92	<0.5	6	7	11	2.80	<10	<1	0.33	20	0.20	810	1	0.08	3	1330	3	0.11	<2	3	51	<20	0.01	<10	<10	25	<10	54
TR08116335	H148005	511437	6064944	0.010	0.8	2.80	21	<10	150	<0.5	<2	1.08	4.4	20	23	196	6.49	10	<1	0.23	<10	1.51	1705	111	0.10	13	1400	5	2.88	4	4	48	<20	0.12	<10	<10	83	<10	425
TR08116335	H148006	511477	6064890	0.183	0.5	1.12	24	<10	200	<0.5	<2	0.25	<0.5	7	7	55	2.89	<10	<1	0.51	10	0.08	494	4	0.04	3	1240	69	0.89	<2	2	14	<20	<0.01	<10	<10	15	<10	28
TR08116335	H148007	511472	6064861	0.531	0.6	0.57	114	<10	70	<0.5	<2	0.28	<0.5	6	8	8	4.09	<10	<1	0.36	<10	0.11	432	4	0.01	6	650	67	3.34	<2	1	13	<20	<0.01	<10	<10	6	50	24
TR08116335	H148008	511447	6064620	0.132	3.8	1.59	9	<10	240	<0.5	9	0.86	0.6	10	22	28	3.56	10	<1	0.24	10	0.65	1485	1	0.09	11	1220	419	0.25	11	5	62	<20	<0.01	<10	<10	45	<10	86

KALUM PROPERTY SOIL SAMPLES 2008

Certificate Number	Sample Number	Easting (NAD83)	Northin g	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm	Sr ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
VA08116657	L32+50 N 0+00	511400	6064520	0.009	<0.2	3.75	20	<10	70	0.7	<2	0.13	<0.5	5	62	12	10.35	20	<1	0.04	10	0.13	186	3	<0.01	15	1840	19	0.04	3	2	17	<20	0.05	<10	<10	106	<10	132
VA08116657	L32+50 N 0+25 E	511425	6064520	0.004	0.4	1.63	3	<10	120	0.6	<2	0.25	0.6	7	20	9	2.54	10	<1	0.02	10	0.36	1050	2	<0.01	21	510	7	0.01	<2	2	26	<20	0.05	<10	<10	45	<10	107
VA08116657	L32+50 N 0+50 E	511450	6064520	0.004	0.3	2.83	9	<10	80	<0.5	<2	0.28	<0.5	4	30	8	4.99	10	<1	0.03	10	0.21	183	2	<0.01	12	1380	6	0.02	2	2	18	<20	0.06	<10	<10	88	<10	108
VA08116657	L32+50 N 0+75 E	511475	6064520	0.005	<0.2	1.67	2	<10	80	0.5	<2	0.10	<0.5	7	20	9	2.53	10	<1	0.02	10	0.31	145	1	<0.01	17	220	6	0.01	<2	2	13	<20	0.06	<10	<10	47	<10	46
VA08116657	L32+50 N 1+00 E	511500	6064520	0.016	0.2	3.25	5	<10	70	0.6	<2	0.10	0.5	6	25	9	4.34	10	<1	0.03	10	0.20	213	1	<0.01	12	1200	8	0.02	<2	2	12	<20	0.10	<10	<10	72	<10	187
VA08116657	L32+50 N 1+25 E	511525	6064520	0.008	<0.2	2.40	7	<10	50	<0.5	<2	0.09	<0.5	5	27	12	3.65	10	<1	0.02	10	0.27	239	1	<0.01	14	1640	8	0.02	<2	2	12	<20	0.07	<10	<10	64	<10	85
VA08116657	L32+50 N 1+50 E	511550	6064520	0.002	0.2	3.34	7	<10	50	0.5	<2	0.07	<0.5	7	28	12	3.69	10	<1	0.02	10	0.27	899	1	<0.01	16	2090	9	0.01	<2	2	10	<20	0.06	<10	<10	61	<10	99
VA08116657	L32+50 N 1+75 E	511575	6064520	0.004	<0.2	2.20	6	<10	50	<0.5	<2	0.07	<0.5	3	21	8	3.28	10	<1	0.02	10	0.13	240	<1	<0.01	9	750	5	0.01	<2	1	8	<20	0.04	<10	<10	72	<10	49
VA08116657	L32+50 N 2+00 E	511600	6064520	0.007	<0.2	2.23	9	<10	50	<0.5	<2	0.17	<0.5	5	24	13	3.27	10	<1	0.03	10	0.23	319	<1	<0.01	15	1160	7	0.01	<2	2	16	<20	0.05	<10	<10	61	<10	83
VA08116657	L32+50 N 2+25 E	511625	6064520	0.002	0.2	1.83	7	<10	60	<0.5	<2	0.15	<0.5	4	30	11	3.38	10	<1	0.03	10	0.16	174	1	<0.01	11	920	7	0.02	<2	2	14	<20	0.07	<10	<10	69	<10	86
VA08116657	L33+00 N 2+50 W	511150	6064570	0.005	<0.2	2.68	8	<10	70	<0.5	<2	0.19	0.7	5	28	9	4.45	10	<1	0.05	<10	0.28	220	1	<0.01	16	1080	8	0.03	<2	2	22	<20	0.05	<10	<10	77	<10	118
VA08116657	L33+00 N 2+25 W	511175	6064570	0.005	<0.2	3.14	7	<10	80	0.6	<2	0.38	0.9	6	26	7	5.05	10	<1	0.03	<10	0.20	195	1	<0.01	14	600	10	0.03	<2	2	44	<20	0.11	<10	<10	77	<10	145
VA08116657	L33+00 N 2+00 W	511200	6064570	0.009	<0.2	2.33	7	<10	60	<0.5	<2	0.20	<0.5	4	25	8	5.15	10	<1	0.04	<10	0.19	165	1	<0.01	11	570	7	0.03	<2	2	23	<20	0.08	<10	<10	92	<10	65
VA08116657	L33+00 N 1+75 W	511225	6064570	0.003	<0.2	2.50	8	<10	50	<0.5	<2	0.16	<0.5	4	27	7	5.40	10	<1	0.03	<10	0.22	186	1	<0.01	11	1160	7	0.03	<2	2	18	<20	0.10	<10	<10	96	<10	77
VA08116657	L33+00 N 1+50 W	511250	6064570	0.015	<0.2	3.30	12	<10	80	0.5	<2	0.16	<0.5	10	32	19	4.37	10	<1	0.05	<10	0.25	371	1	<0.01	18	4770	7	0.02	<2	3	19	<20	0.05	<10	<10	76	<10	97
VA08116657	L33+00 N 1+25 W	511275	6064570	0.007	<0.2	1.68	10	<10	120	<0.5	<2	0.31	0.8	7	29	10	4.78	10	<1	0.04	10	0.25	339	2	<0.01	15	460	11	0.02	<2	2	41	<20	0.16	<10	<10	100	<10	219
VA08116657	L33+00 N 1+00 W	511300	6064570	0.010	<0.2	1.65	7	<10	60	<0.5	<2	0.14	0.7	4	20	7	3.45	10	<1	0.02	<10	0.15	131	<1	<0.01	9	1090	9	0.01	<2	2	15	<20	0.04	<10	<10	72	<10	105
VA08116657	L33+00 N 0+75 W	511325	6064570	0.005	0.3	2.33	8	<10	60	<0.5	<2	0.09	<0.5	5	22	13	3.30	10	<1	0.02	10	0.20	329	1	<0.01	16	950	8	0.01	<2	2	10	<20	0.05	<10	<10	62	<10	85
VA08116657	L33+00 N 0+50 W	511350	6064570	0.007	0.3	4.54	4	<10	50	0.5	<2	0.07	<0.5	4	32	20	4.88	10	1	0.03	<10	0.16	264	2	<0.01	9	2880	9	0.02	2	3	10	<20	0.11	<10	<10	93	<10	76
VA08116657	L33+00 N 0+25 W	511375	6064570	0.014	0.3	2.50	7	<10	50	<0.5	<2	0.07	<0.5	6	25	17	3.05	10	<1	0.03	10	0.26	696	1	<0.01	17	1350	8	0.02	<2	2	8	<20	0.05	<10	<10	54	<10	64
VA08116657	L33+00 N 0+00	511400	6064570	0.005	0.5	2.68	8	<10	50	<0.5	<2	0.11	<0.5	4	27	9	4.69	10	<1	0.03	10	0.17	283	1	<0.01	11	1460	8	0.02	<2	2	12	<20	0.09	<10	<10	83	<10	93
VA08116657	L33+00 N 0+25 E	511425	6064570	0.004	0.4	3.06	4	<10	50	<0.5	<2	0.07	<0.5	5	26	10	3.99	10	<1	0.02	10	0.20	303	1	<0.01	11	2510	8	0.02	<2	2	8	<20	0.09	<10	<10	73	<10	86
VA08116657	L33+00 N 0+50 E	511450	6064570	0.006	0.3	1.70	11	<10	50	<0.5	<2	0.12	<0.5	3	36	13	4.84	10	<1	0.02	10	0.14	143	2	<0.01	12	1100	10	0.02	<2	2	15	<20	0.04	<10	<10	77	<10	59
VA08116657	L33+00 N 0+75 E	511475	6064570	0.007	0.2	1.95	6	<10	40	<0.5	<2	0.06	<0.5	3	27	6	4.56	10	<1	0.02	10	0.14	244	1	<0.01	7	1030	6	0.02	<2	2	7	<20	0.06	<10	<10	87	<10	50
VA08116657	L33+00 N 1+00 E	511500	6064570	0.005	0.2	2.52	5	<10	50	<0.5	<2	0.07	<0.5	3	29	10	3.71	10	<1	0.02	10	0.16	157	1	<0.01	12	1450	9	0.03	<2	2	8	<20	0.07	<10	<10	65	<10	79
VA08116657	L33+00 N 1+25 E	511525	6064570	0.019	0.2	2.63	9	<10	50	<0.5	<2	0.09	<0.5	5	29	15	4.13	10	<1	0.03	10	0.26	202	2	<0.01	17	1100	11	0.02	<2	2	9	<20	0.06	<10	<10	70	<10	101
VA08116657	L33+00 N 1+50 E	511550	6064570	0.017	0.3	2.32	12	<10	50	<0.5	<2	0.08	<0.5	5	24	19	3.64	10	<1	0.03	10	0.23	455	5	0.02	12	1120	11	0.02	<2	2	9	<20	0.09	<10	<10	66	<10	125
VA08116657	L33+00 N 1+75 E	511575	6064570	0.009	0.7	4.18	20	<10	80	0.9	<2	0.06	<0.5	9	46	52	5.54	10	<1	0.03	10	0.22	246	2	0.02	21	1720	20	0.04	2	3	7	<20	0.10	<10	<10	78	<10	199
VA08116657	L33+00 N 2+00 E	511600	6064570	0.027	0.3	4.06	4	<10	50	0.5	<2	0.11	<0.5	7	31	16	3.76	10	<1	0.03	10	0.26	326	<1	0.01	19	2040	9	0.03	<2	3	9	<20	0.04	<10	<10	62	<10	123
VA08116657	L33+00 N 2+25 E	511625	6064570	0.009	<0.2	2.75	6	<10	30	<0.5	<2	0.09	<0.5	6	20	30	3.38	10	<1	0.02	10	0.19	404	1	<0.01	13	1840	15	0.01	<2	2	9	<20	0.07	<10	<10	59	<10	77
VA08116657	L33+00 N 2+50 E	511650	6064570	0.011	<0.2	3.62	12	<10	60	0.6	<2	0.08	<0.5	12	28	26	3.59	10	1	0.03	10	0.35	486	1	0.01	33	1890	12	0.04	<2	4	8	<20	0.05	<10	<10	58	<10	97
VA08116657	L33+00 N 2+75 E	511675	6064570	0.020	0.6	4.25	7	<10	60	0.7	<2	0.08	<0.5	6	32	12	5.13	10	<1	0.03	10	0.24	194	1	0.01	15	1770	11	0.04	<2	3	9	<20	0.07	<10	<10	82	<10	154
VA08116657	L33+00 N 3+00 E	511700	6064570	0.016	<0.2	1.32	9	<10	70	<0.5	<2	0.30	<0.5	18	18	13	3.06	10	<1	0.03	10	0.29	504	4	0.01	18	640	13	0.02	<2	1	34	<20	0.13	<10	<10	60	<10	129
VA08116657	L33+00 N 3+25 E	511725	6064570	0.005	<0.2	1.42	2	<10	50	<0.5	<2	0.17	0.9	5	17	7	3.19	10	<1	0.03	<10	0.21	169	2	<0.01	11	500	9	0.02	<2	1	23	<20	0.06	<10	<10	64	<10	206
VA08116657	L33+50 N 2+00 W	511200	6064620	0.007																																			



## **APPENDIX 4**

**LIST OF ANALYTICAL CERTIFICATES**  
**for the**  
**2008 EXPLORATION AND DIAMOND DRILLING**  
**PROGRAM**  
**MOUNTAIN CAPITAL INC.**  
**KALUM LAKE AREA, TERRACE, B.C.**

<b>LABORATORY</b>	<b>CERTIFICATE #</b>	<b>CERTIFICATE DATE</b>
ALS CHEMEX	VA08116657 soil	OCTOBER 12, 2008
ALS CHEMEX	TR08116335 rock	AUGUST 29, 2008
ALS CHEMEX	TR08132646 core	OCTOBER 20, 2008
ALS CHEMEX	TR08139599 core	NOVEMBER 3, 2008
ALS CHEMEX	TR08136314 core	OCTOBER 23, 2008
ALS CHEMEX	TR08126073 core	OCTOBER 17, 2008



**ALS Chemex**  
**EXCELLENCE IN ANALYTICAL CHEMISTRY**

ALS Canada Ltd.  
212 Brooksbank Avenue  
North Vancouver BC V7J 2C1  
Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: **MOUNTAIN CAPITAL INC.**  
**N 212-5811 COONEY RD.**  
**RICHMOND B.C. BC V6X 3M1**

Page: 1  
Finalized Date: 20-OCT-2008  
Account: MOUCAP

**CERTIFICATE TR08132646**

Project: Kalum-Burn  
P.O. No.:  
This report is for 56 Drill Core samples submitted to our lab in Terrace, BC, Canada on 17-SEP-2008.

The following have access to data associated with this certificate:  
MOUNTAIN CAPITAL INC. | CSG | J.W. MURTON

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um


**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Cu-OG46	Ore Grade Cu - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: **MOUNTAIN CAPITAL INC.**  
**ATTN: J.W. MURTON**  
**1567 MCNAUGHTON RD**  
**KELOWNA BC V1Z 2S2**

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



**ALS Chemex**  
**EXCELLENCE IN ANALYTICAL CHEMISTRY**  
 ALS Canada Ltd.

212 Brooksbank Avenue  
 North Vancouver BC V7J 2C1  
 Phone: 604 984 0221 Fax: 604 984 0218 www.alschemex.com

To: MOUNTAIN CAPITAL INC.  
 N 212-5811 COONEY RD.  
 RICHMOND B.C. BC V6X 3M1

Page: 2 - A  
 Total # Pages: 3 (A - C)  
 Finalized Date: 20-OCT-2008  
 Account: MOUCAP

Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08132646**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
H148051		2.69	0.027		<0.2	1.36	<2	<10	270	<0.5	<2	2.89	<0.5	7	6	23
H148052		0.38	0.479		8.6	0.07	23	<10	10	<0.5	18	0.74	<0.5	1	6	3
H148053		4.44	0.043		<0.2	1.28	9	<10	170	<0.5	<2	2.90	<0.5	7	5	26
H148054		0.34	0.143		33.5	0.07	123	<10	10	<0.5	99	0.78	<0.5	39	8	14
H148055		3.73	0.454		0.5	0.52	76	<10	100	<0.5	2	2.62	<0.5	9	2	17
H148056		2.44	0.130		<0.2	0.49	20	<10	110	<0.5	<2	3.62	<0.5	7	4	11
H148057		3.55	0.021		<0.2	0.58	6	<10	110	<0.5	<2	3.60	<0.5	6	3	6
H148058		0.34	1.725		1.5	0.44	194	<10	60	<0.5	3	1.50	<0.5	13	3	5
H148059		1.77	0.252		0.4	0.97	52	<10	110	<0.5	<2	2.24	<0.5	7	3	8
H148060		2.03	0.003		<0.2	1.41	<2	<10	120	<0.5	<2	2.47	<0.5	8	8	40
H148061		2.73	0.014		0.2	1.20	<2	<10	340	<0.5	<2	2.47	<0.5	8	6	89
H148062		0.73	>10.0	28.7	18.5	0.45	94	<10	60	<0.5	12	3.20	126.0	9	4	348
H148063		1.41	0.038		<0.2	1.19	4	<10	210	<0.5	<2	2.94	<0.5	8	8	58
H148064		2.56	0.009		<0.2	1.38	<2	<10	640	<0.5	<2	2.80	<0.5	7	8	14
H148065		4.53	0.064		<0.2	1.34	<2	<10	670	<0.5	<2	2.92	<0.5	7	7	9
H148066		3.09	0.026		0.2	0.84	<2	<10	130	<0.5	<2	3.36	<0.5	8	4	76
H148067		2.98	0.112		0.5	1.32	4	<10	400	<0.5	<2	3.10	84.5	8	7	75
H148068		3.58	0.005		<0.2	1.38	<2	<10	780	<0.5	<2	2.72	<0.5	8	8	47
H148069		0.07	1.870		0.6	1.32	2970	40	30	<0.5	62	6.46	<0.5	82	26	162
H148070		0.49	0.002		<0.2	0.51	<2	<10	90	<0.5	<2	0.23	<0.5	1	6	1
H148071		3.62	0.005		<0.2	1.22	<2	<10	870	<0.5	<2	2.93	<0.5	7	7	11
H148072		<0.02	0.004		<0.2	1.34	<2	<10	860	<0.5	<2	2.96	<0.5	8	7	12
H148073		2.15	0.002		<0.2	1.37	<2	<10	650	<0.5	<2	3.14	<0.5	7	8	23
H148074		3.34	0.009		1.8	1.38	<2	<10	410	<0.5	4	3.00	<0.5	7	6	34
H148075		3.00	0.019		<0.2	1.37	<2	<10	110	<0.5	<2	3.94	<0.5	6	5	20
H148076		2.19	0.190		1.8	0.81	65	<10	90	<0.5	8	3.11	<0.5	7	3	103
H148077		3.46	0.004		<0.2	1.31	<2	<10	310	<0.5	<2	2.77	<0.5	7	8	3
H148078		3.18	0.005		<0.2	1.43	<2	<10	490	<0.5	<2	2.57	<0.5	7	8	1
H148079		2.58	0.004		<0.2	1.58	<2	<10	330	<0.5	<2	3.87	<0.5	10	7	62
H148080		3.97	0.004		<0.2	1.30	<2	<10	480	<0.5	<2	2.75	<0.5	7	7	6
H148081		4.82	0.005		<0.2	1.54	<2	<10	330	<0.5	<2	3.04	<0.5	9	8	67
H148082		2.90	0.009		<0.2	1.49	<2	<10	210	<0.5	<2	3.27	<0.5	7	8	78
H148083		1.68	0.015		0.4	1.47	<2	<10	120	<0.5	2	3.03	<0.5	8	8	73
H148084		3.16	0.010		0.3	1.10	<2	<10	140	<0.5	<2	3.16	<0.5	7	5	26
H148085		1.94	0.040		0.5	1.44	4	<10	110	<0.5	<2	2.54	1.3	7	11	71
H148086		2.55	0.017		0.2	2.25	8	<10	140	<0.5	<2	2.70	<0.5	16	87	133
H148087		2.50	0.001		<0.2	2.77	3	<10	150	0.5	<2	1.23	<0.5	21	82	92
H148088		2.02	0.002		<0.2	2.52	<2	<10	140	<0.5	<2	0.50	<0.5	18	77	55
H148089		3.23	0.011		<0.2	1.59	5	<10	100	<0.5	<2	1.39	<0.5	14	80	51
H148090		0.07	1.730		0.6	1.25	2880	30	30	<0.5	63	6.14	<0.5	81	25	158



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Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08132646**

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Fe	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	
Units	%	ppm	ppm	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	
LOR	0.01	10	1	0.01	10	0.01	0.01	5	1	0.01	1	10	2	0.01	2	
H148051		2.87	10	<1	0.25	10	0.81	805	<1	0.03	1	1490	6	0.34	<2	3
H148052		1.04	<10	<1	0.03	<10	0.04	287	<1	<0.01	<1	50	1130	0.82	<2	<1
H148053		3.00	<10	<1	0.27	10	0.73	910	<1	0.04	1	1500	9	0.78	2	3
H148054		3.75	<10	<1	0.03	<10	0.14	263	267	<0.01	1	50	315	3.66	<2	<1
H148055		3.86	<10	<1	0.34	<10	0.62	989	2	0.01	1	1500	24	2.82	<2	2
H148056		3.16	<10	<1	0.30	10	0.72	1070	2	0.02	<1	1490	8	1.28	<2	2
H148057		3.00	<10	<1	0.31	10	0.83	1045	2	0.03	<1	1510	6	0.55	2	3
H148058		6.38	<10	<1	0.30	<10	0.42	1185	<1	<0.01	7	1150	53	6.80	<2	1
H148059		3.81	<10	<1	0.27	10	0.70	831	<1	0.01	1	1480	15	2.14	<2	3
H148060		3.09	10	<1	0.19	10	0.94	811	<1	0.02	<1	1550	5	0.37	<2	3
H148061		3.07	10	<1	0.32	10	0.88	838	<1	0.02	<1	1490	3	0.82	<2	4
H148062		5.39	<10	<1	0.25	<10	0.84	1260	313	<0.01	<1	960	7330	4.98	27	2
H148063		3.26	<10	<1	0.24	10	0.86	920	<1	0.02	<1	1530	16	0.85	<2	4
H148064		3.10	10	<1	0.20	10	0.95	857	<1	0.03	<1	1530	6	0.18	<2	3
H148065		3.03	<10	<1	0.23	10	0.88	857	<1	0.03	<1	1470	23	0.47	<2	3
H148066		2.95	<10	<1	0.23	10	0.70	874	<1	0.01	<1	1370	15	0.86	<2	3
H148067		3.09	<10	<1	0.22	10	0.85	862	<1	0.01	<1	1460	101	0.75	<2	3
H148068		3.28	10	<1	0.16	10	1.01	839	<1	0.03	1	1540	5	0.35	<2	4
H148069		3.72	<10	<1	0.06	10	0.34	1095	9	0.05	30	1110	14	0.60	9	3
H148070		1.25	<10	<1	0.24	10	0.21	287	<1	0.06	<1	310	2	<0.01	<2	1
H148071		3.00	<10	<1	0.23	10	0.91	878	<1	0.02	<1	1480	3	0.30	<2	3
H148072		3.08	<10	<1	0.27	10	0.93	890	<1	0.03	<1	1490	5	0.31	<2	4
H148073		3.12	10	<1	0.28	10	0.90	937	<1	0.03	<1	1470	<2	0.22	<2	3
H148074		2.98	<10	<1	0.24	10	0.85	846	1	0.02	<1	1450	27	0.40	<2	3
H148075		3.03	10	<1	0.23	10	0.77	911	<1	0.02	<1	1440	5	0.40	<2	3
H148076		3.23	<10	<1	0.37	10	0.46	947	<1	<0.01	<1	1230	30	2.21	<2	2
H148077		3.11	10	<1	0.26	10	0.89	888	<1	0.02	<1	1420	3	0.46	<2	4
H148078		3.16	10	<1	0.18	10	1.00	843	<1	0.03	<1	1530	2	0.14	<2	3
H148079		3.54	<10	<1	0.26	10	1.06	1015	<1	0.03	<1	1810	3	0.79	<2	4
H148080		2.96	10	<1	0.21	10	0.87	762	<1	0.03	<1	1370	2	0.43	<2	3
H148081		3.33	10	<1	0.25	10	0.97	891	<1	0.03	<1	1520	3	0.64	<2	4
H148082		3.11	10	<1	0.24	10	0.91	881	15	0.02	<1	1380	2	0.46	<2	3
H148083		3.15	10	<1	0.21	10	0.93	855	9	0.01	<1	1430	6	0.36	<2	3
H148084		3.06	<10	<1	0.16	10	0.89	938	117	<0.01	<1	1340	8	0.37	<2	4
H148085		2.82	<10	<1	0.25	10	0.74	725	<1	0.01	4	1280	17	0.35	<2	3
H148086		4.52	10	<1	0.28	10	1.16	1535	47	<0.01	74	1300	5	0.97	<2	5
H148087		4.84	10	<1	0.38	10	1.36	746	17	<0.01	104	760	<2	0.56	<2	4
H148088		4.38	10	<1	0.37	10	1.30	581	11	<0.01	96	840	<2	0.56	<2	3
H148089		3.65	<10	<1	0.25	10	1.06	840	32	<0.01	71	780	5	0.35	3	4
H148090		3.55	<10	<1	0.06	10	0.33	1045	9	0.05	28	1070	13	0.57	7	2



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Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08132646**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
		Sr	Th	Ti	Ti	U	V	W	Zn	Cu
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
H148051		119	<20	0.01	<10	<10	38	<10	54	
H148052		43	<20	<0.01	<10	<10	1	<10	<2	
H148053		173	<20	0.02	<10	<10	38	<10	48	
H148054		39	<20	<0.01	<10	<10	2	10	5	
H148055		158	<20	<0.01	<10	<10	10	<10	30	
H148056		239	<20	<0.01	<10	<10	10	<10	43	
H148057		239	<20	<0.01	<10	<10	15	<10	52	
H148058		71	<20	<0.01	<10	<10	5	<10	7	
H148059		118	<20	<0.01	<10	<10	28	<10	39	
H148060		114	<20	0.01	<10	<10	44	<10	60	
H148061		122	<20	0.07	<10	<10	45	<10	56	
H148062		217	<20	<0.01	<10	<10	8	<10	2360	
H148063		183	<20	0.05	<10	<10	48	<10	60	
H148064		241	<20	0.06	<10	<10	51	<10	62	
H148065		198	<20	0.03	<10	<10	44	<10	59	
H148066		319	<20	0.01	<10	<10	24	<10	53	
H148067		198	<20	0.01	<10	<10	40	<10	1495	
H148068		181	<20	0.09	<10	<10	56	<10	68	
H148069		114	<20	0.06	<10	<10	27	30	77	
H148070		19	<20	0.07	<10	<10	14	<10	54	
H148071		220	<20	0.05	<10	<10	45	<10	64	
H148072		227	<20	0.05	<10	<10	46	<10	62	
H148073		208	<20	0.02	<10	<10	46	<10	64	
H148074		207	<20	0.01	<10	<10	42	40	58	
H148075		337	<20	<0.01	<10	<10	40	<10	55	
H148076		263	<20	<0.01	<10	<10	17	<10	27	
H148077		212	<20	0.06	<10	<10	53	100	53	
H148078		175	<20	0.09	<10	<10	56	<10	63	
H148079		242	<20	0.06	<10	<10	53	<10	67	
H148080		202	<20	0.04	<10	<10	46	<10	55	
H148081		225	<20	0.04	<10	<10	49	<10	59	
H148082		247	<20	0.03	<10	<10	45	<10	57	
H148083		310	<20	0.01	<10	<10	41	<10	63	
H148084		319	<20	0.03	<10	<10	37	<10	57	
H148085		205	<20	0.01	<10	<10	42	<10	73	
H148086		137	<20	0.03	<10	<10	65	<10	105	
H148087		77	<20	0.02	<10	<10	75	<10	89	
H148088		44	<20	0.01	<10	<10	61	<10	81	
H148089		116	<20	0.02	<10	<10	53	<10	63	
H148090		110	<20	0.05	<10	<10	26	30	74	



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**CERTIFICATE OF ANALYSIS TR08132646**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt.	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
H148091		4.13	0.006		<0.2	1.19	69	<10	120	0.5	<2	1.14	<0.5	16	40	63
H148092		0.74	0.001		<0.2	0.49	<2	<10	80	<0.5	<2	0.20	<0.5	1	7	<1
H148093		5.41	0.044		1.0	0.65	160	<10	100	0.5	<2	1.71	0.7	16	23	120
H148094		<0.02	0.044		0.9	0.65	167	<10	100	0.5	<2	1.74	0.8	17	23	127
H148095		2.54	0.029		0.4	1.31	61	<10	130	0.6	<2	1.61	<0.5	19	35	256
H148096		3.64	0.021		0.4	1.45	26	<10	90	<0.5	<2	1.55	<0.5	16	41	136
H148097		3.10	0.003		<0.2	2.04	42	<10	100	0.5	<2	0.58	<0.5	20	60	57
H148098		4.02	0.073		0.3	1.09	133	<10	110	0.5	<2	1.29	<0.5	18	31	80
H148099		2.13	0.010		<0.2	1.56	23	<10	90	<0.5	<2	1.05	<0.5	15	45	69
H148100		2.83	0.029		0.2	1.50	53	<10	110	0.6	<2	0.80	0.6	20	50	80
H148101		3.54	0.040		1.7	1.13	27	<10	100	0.5	3	1.13	0.5	19	37	508
H148102		2.48	0.010		0.5	0.76	47	<10	100	0.7	2	0.77	<0.5	15	25	143
H148103		0.40	0.261		69.1	0.29	68	<10	30	<0.5	517	1.93	13.1	23	8	>10000
H148104		2.24	0.009		0.3	1.22	65	<10	130	0.7	<2	1.01	2.0	23	45	102
H148105		2.44	0.004		<0.2	1.51	50	<10	130	0.7	<2	1.09	<0.5	20	55	67
H148106		2.69	0.010		0.9	0.69	41	<10	80	<0.5	3	1.15	7.3	13	28	100



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**CERTIFICATE OF ANALYSIS TR08132646**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
H148091		3.80	<10	<1	0.34	10	0.93	645	30	<0.01	71	770	3	0.53	5	4
H148092		1.18	<10	<1	0.22	20	0.20	268	<1	0.05	<1	290	<2	<0.01	<2	1
H148093		3.93	<10	<1	0.32	10	0.86	885	31	<0.01	85	640	24	1.22	6	3
H148094		4.04	<10	<1	0.31	10	0.88	893	30	0.01	88	640	27	1.31	6	3
H148095		5.95	<10	<1	0.42	<10	1.05	1235	62	0.03	98	800	6	2.20	6	4
H148096		3.97	<10	<1	0.34	10	1.00	1230	50	0.02	83	780	11	1.15	2	3
H148097		4.31	10	<1	0.30	20	1.19	659	68	0.02	94	690	3	0.32	<2	3
H148098		3.95	<10	<1	0.31	10	0.97	834	48	0.03	87	580	3	0.34	7	3
H148099		3.85	<10	<1	0.29	10	1.09	725	16	0.04	70	640	3	0.52	3	3
H148100		4.65	<10	<1	0.32	10	1.23	636	11	0.02	98	980	5	0.53	2	3
H148101		4.45	<10	<1	0.30	10	0.94	769	17	0.03	86	750	7	1.27	<2	3
H148102		4.05	<10	<1	0.27	10	0.90	655	8	0.02	76	670	3	0.56	2	3
H148103		6.06	<10	<1	0.09	<10	1.06	894	20	0.01	50	90	146	4.80	12	1
H148104		4.83	<10	<1	0.29	10	1.21	918	5	0.02	107	900	5	0.62	<2	4
H148105		4.83	<10	<1	0.28	20	1.28	885	1	0.02	99	1040	5	0.41	2	4
H148106		3.61	<10	<1	0.25	10	0.91	618	1	0.02	68	720	39	0.60	3	3





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**CERTIFICATE OF ANALYSIS TR08132646**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Cu-OG46
		Sr	Th	Ti	Ti	U	V	W	Zn	Cu
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%
H148091		99	<20	0.01	<10	<10	35	<10	67	
H148092		16	<20	0.07	<10	<10	14	<10	49	
H148093		157	<20	<0.01	<10	<10	26	<10	67	
H148094		161	<20	<0.01	<10	<10	26	<10	78	
H148095		107	<20	<0.01	<10	<10	37	<10	90	
H148096		80	<20	0.01	<10	<10	30	<10	50	
H148097		41	<20	0.01	<10	<10	41	<10	93	
H148098		102	<20	<0.01	<10	<10	29	<10	91	
H148099		62	<20	0.01	<10	<10	34	<10	75	
H148100		67	<20	<0.01	<10	<10	44	<10	110	
H148101		77	<20	<0.01	<10	<10	34	<10	87	
H148102		64	<20	<0.01	<10	<10	31	<10	82	
H148103		156	<20	<0.01	<10	<10	11	<10	491	1.39
H148104		88	<20	<0.01	<10	<10	44	<10	208	
H148105		113	<20	<0.01	<10	<10	44	<10	116	
H148106		98	<20	<0.01	<10	<10	25	<10	324	



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## CERTIFICATE TR08139599

Project: Kalum-Burn  
P.O. No.: 08-05-02-06  
This report is for 126 Drill Core samples submitted to our lab in Terrace, BC, Canada on 1-OCT-2008.

The following have access to data associated with this certificate:

MOUNTAIN CAPITAL INC.	CSG	J.W. MURTON
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## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
PUL-31d	Pulverize Split - duplicate
SPL-21d	Split sample - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um


## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
ME-OG46	Ore Grade Elements - AquaRegia	ICP-AES
Pb-OG46	Ore Grade Pb - Aqua Regia	VARIABLE
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES
Ag-OG46	Ore Grade Ag - Aqua Regia	VARIABLE

To: MOUNTAIN CAPITAL INC.  
ATTN: J.W. MURTON  
1567 MCNAUGHTON RD  
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This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
148288		2.48	0.477		0.6	1.39	7	<10	180	<0.5	<2	3.35	<0.5	6	5	50
148289		0.92	3.61		5.4	1.00	149	<10	80	<0.5	15	3.44	0.5	7	1	104
148290		4.03	0.013		0.6	1.46	5	<10	160	<0.5	<2	3.28	<0.5	4	3	60
148291		3.41	0.288		0.7	1.17	21	<10	160	<0.5	3	3.39	<0.5	5	3	34
148292		3.06	0.037		0.4	1.37	14	<10	450	<0.5	2	3.00	<0.5	5	3	28
148293		2.12	0.097		0.6	1.10	24	<10	140	<0.5	3	3.09	<0.5	5	4	28
148294		3.14	0.009		0.3	1.57	3	<10	260	<0.5	<2	3.35	<0.5	5	3	19
148295		3.55	0.051		0.4	0.85	5	<10	150	<0.5	<2	3.14	<0.5	5	2	23
148296		3.20	0.042		0.3	0.71	10	<10	120	<0.5	<2	2.95	<0.5	5	2	12
148297		2.75	0.008		0.2	1.04	2	<10	200	<0.5	<2	3.13	<0.5	5	3	14
148298		3.85	0.073		0.3	0.81	5	<10	160	<0.5	<2	2.36	<0.5	7	4	6
148299		3.00	0.009		0.2	0.71	2	<10	80	0.5	<2	3.14	<0.5	6	2	11
148300		2.06	0.005		0.2	0.80	<2	<10	130	<0.5	<2	3.04	<0.5	7	3	10
148301		0.06	1.975		0.8	1.28	2880	30	30	<0.5	59	5.35	<0.5	75	25	151
148302		0.70	0.003		<0.2	0.47	<2	<10	80	<0.5	<2	0.22	<0.5	2	5	2
148303		3.85	0.003		0.3	0.96	<2	<10	250	<0.5	<2	3.14	<0.5	5	3	2
148304		3.24	0.011		<0.2	0.81	2	<10	200	<0.5	<2	3.46	<0.5	4	3	16
148305		<0.02	0.005		<0.2	0.92	<2	<10	220	<0.5	<2	3.55	<0.5	4	3	16
148306		3.38	0.003		<0.2	0.82	<2	<10	510	<0.5	<2	3.32	<0.5	5	3	5
148307		3.95	0.014		<0.2	0.77	5	<10	110	<0.5	<2	3.53	<0.5	5	2	16
148308		3.83	0.023		0.2	0.72	4	<10	130	<0.5	3	3.36	<0.5	6	2	25
148309		3.19	0.016		0.2	0.63	6	<10	110	<0.5	<2	3.28	<0.5	5	1	26
148310		3.24	0.004		<0.2	0.52	2	<10	130	<0.5	<2	2.86	<0.5	5	1	19
148311		3.55	0.010		<0.2	0.76	4	<10	90	0.5	<2	2.87	<0.5	5	2	26
148312		1.10	0.012		<0.2	0.65	3	<10	410	<0.5	<2	3.15	<0.5	5	1	53
148313		0.28	0.226		2.3	0.39	259	<10	30	<0.5	11	0.89	<0.5	40	3	12
148314		1.44	0.034		0.2	0.58	18	<10	100	<0.5	2	3.16	<0.5	4	1	12
148315		3.42	0.012		0.2	0.59	5	<10	110	0.5	<2	3.25	<0.5	4	2	22
148316		4.64	0.005		<0.2	0.69	<2	<10	110	0.5	<2	3.31	<0.5	5	2	16
148317		3.00	0.004		<0.2	0.65	3	<10	100	0.5	<2	3.06	<0.5	6	2	19
148318		2.86	0.115		0.8	0.62	14	<10	80	<0.5	3	2.82	<0.5	5	3	31
148319		4.01	0.011		0.2	0.63	5	<10	90	0.5	<2	2.64	<0.5	5	3	18
148320		3.77	0.009		<0.2	0.68	4	<10	130	<0.5	<2	3.01	<0.5	6	2	11
148321		3.93	0.005		<0.2	0.88	<2	<10	390	<0.5	<2	3.42	<0.5	6	3	8
148322		4.37	0.074		<0.2	0.60	4	<10	540	<0.5	<2	2.56	<0.5	5	4	22
148323		3.35	0.025		<0.2	0.66	<2	<10	790	<0.5	<2	3.12	<0.5	5	4	15
148324		2.62	0.023		<0.2	0.66	4	<10	460	<0.5	<2	3.07	<0.5	6	4	3
148325		0.45	2.41		7.5	0.36	79	<10	50	<0.5	75	1.48	<0.5	8	5	35
148326		1.68	0.022		<0.2	0.75	7	<10	380	<0.5	<2	2.87	<0.5	6	4	7
148327		3.46	0.026		<0.2	0.49	9	<10	90	<0.5	<2	3.59	<0.5	5	2	23



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To: MOUNTAIN CAPITAL INC.  
 N 212-5811 COONEY RD.  
 RICHMOND B.C. BC V6X 3M1

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**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
148288		2.80	<10	<1	0.44	10	0.57	951	<1	0.06	3	1440	10	1.04	<2	2
148289		4.25	<10	<1	0.39	<10	0.46	1055	<1	0.03	1	1140	37	3.67	<2	2
148290		2.87	10	<1	0.32	10	0.61	849	<1	0.07	1	1420	6	0.88	<2	3
148291		2.92	<10	<1	0.31	10	0.54	996	<1	0.05	1	1370	13	1.30	<2	2
148292		2.84	10	<1	0.34	10	0.61	851	<1	0.09	1	1400	7	0.79	<2	2
148293		2.93	<10	<1	0.35	10	0.55	998	<1	0.04	1	1390	10	1.52	<2	3
148294		2.57	<10	<1	0.41	10	0.57	864	2	0.09	2	1370	3	0.63	<2	2
148295		2.64	<10	<1	0.25	10	0.48	818	<1	0.05	1	1360	6	0.61	<2	2
148296		2.69	<10	<1	0.24	10	0.58	836	<1	0.05	1	1290	3	0.83	<2	2
148297		2.64	<10	<1	0.26	10	0.55	825	<1	0.06	1	1370	3	0.55	<2	2
148298		2.76	<10	<1	0.27	10	0.74	813	<1	0.06	2	1420	3	0.71	<2	2
148299		2.80	<10	<1	0.25	10	1.01	1010	<1	0.03	1	1440	3	0.66	<2	2
148300		2.93	<10	<1	0.22	10	0.60	868	<1	0.06	1	1470	3	0.41	<2	3
148301		3.31	<10	<1	0.07	10	0.30	1005	9	0.09	28	1060	12	0.58	7	2
148302		1.14	<10	<1	0.21	10	0.18	261	<1	0.07	<1	270	<2	0.01	<2	1
148303		2.52	<10	<1	0.29	10	0.54	832	<1	0.07	1	1370	2	0.34	<2	2
148304		2.47	<10	<1	0.26	10	0.61	905	<1	0.04	2	1380	3	0.62	<2	2
148305		2.56	<10	<1	0.29	10	0.65	924	<1	0.04	1	1410	3	0.64	<2	3
148306		2.57	<10	<1	0.23	10	0.56	829	<1	0.04	1	1390	3	0.48	<2	3
148307		2.54	<10	<1	0.29	10	0.71	947	<1	0.03	1	1340	6	0.91	<2	2
148308		2.77	<10	<1	0.31	10	0.69	926	<1	0.03	1	1350	9	1.13	<2	2
148309		2.56	<10	<1	0.30	10	0.53	888	<1	0.03	1	1300	6	0.99	<2	2
148310		2.59	<10	<1	0.21	10	0.63	827	<1	0.03	1	1350	3	0.34	<2	2
148311		2.77	<10	<1	0.22	10	0.97	959	<1	0.02	1	1430	5	0.53	<2	3
148312		2.57	<10	<1	0.23	10	1.08	1030	<1	0.01	1	1470	6	0.53	<2	2
148313		7.91	<10	<1	0.23	<10	0.30	402	<1	0.01	3	560	50	8.93	<2	<1
148314		2.54	<10	<1	0.29	10	0.65	1030	<1	0.02	1	1300	5	1.03	<2	2
148315		2.81	<10	<1	0.21	10	0.58	880	<1	0.05	1	1350	5	0.48	<2	3
148316		2.79	<10	<1	0.24	10	0.56	888	<1	0.04	1	1310	6	0.71	<2	3
148317		2.85	<10	<1	0.24	10	0.73	849	<1	0.03	2	1360	6	1.10	<2	3
148318		2.78	<10	<1	0.24	10	0.90	926	<1	0.02	1	1240	12	1.37	<2	2
148319		2.62	<10	<1	0.22	10	0.84	985	<1	0.04	1	1230	4	0.33	<2	2
148320		2.53	<10	<1	0.23	10	0.53	828	1	0.03	1	1280	3	0.58	<2	2
148321		2.51	<10	<1	0.24	10	0.60	917	1	0.04	1	1320	2	0.55	<2	2
148322		2.00	<10	<1	0.23	10	0.50	695	<1	0.04	2	1090	4	0.49	<2	2
148323		2.51	<10	<1	0.24	10	0.72	902	<1	0.06	2	1350	3	0.24	<2	3
148324		2.80	<10	<1	0.20	10	0.82	947	<1	0.05	2	1450	3	0.48	<2	3
148325		3.33	<10	<1	0.23	<10	0.35	440	<1	0.01	2	560	154	2.99	8	1
148326		2.70	<10	<1	0.22	10	0.76	870	<1	0.06	2	1450	5	0.52	<2	3
148327		2.82	<10	<1	0.25	10	0.87	912	<1	0.04	1	1360	4	0.39	2	3



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**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46
		Sr	Th	Ti	Ti	U	V	W	Zn	Ag	Pb
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
148288		242	<20	0.01	<10	<10	25	<10	51		
148289		325	<20	<0.01	<10	<10	12	<10	34		
148290		271	<20	0.01	<10	<10	34	<10	52		
148291		231	<20	0.02	<10	<10	31	<10	40		
148292		186	<20	0.02	<10	<10	34	<10	46		
148293		262	<20	0.01	<10	<10	30	<10	33		
148294		205	<20	0.01	<10	<10	28	<10	46		
148295		392	<20	<0.01	<10	<10	19	<10	47		
148296		280	<20	<0.01	<10	<10	16	<10	41		
148297		371	<20	<0.01	<10	<10	26	<10	47		
148298		200	<20	<0.01	<10	<10	19	<10	48		
148299		270	<20	<0.01	<10	<10	15	<10	47		
148300		301	<20	<0.01	<10	<10	26	<10	56		
148301		111	<20	0.05	<10	<10	26	30	74		
148302		16	<20	0.06	<10	<10	13	<10	50		
148303		390	<20	<0.01	<10	<10	21	<10	49		
148304		305	<20	0.01	<10	<10	25	<10	47		
148305		315	<20	0.01	<10	<10	28	<10	48		
148306		266	<20	<0.01	<10	<10	30	<10	51		
148307		258	<20	<0.01	<10	<10	17	<10	44		
148308		268	<20	<0.01	<10	<10	17	<10	43		
148309		279	<20	<0.01	<10	<10	15	<10	41		
148310		224	<20	<0.01	<10	<10	15	<10	51		
148311		220	<20	<0.01	<10	<10	17	<10	51		
148312		226	<20	<0.01	<10	<10	13	<10	45		
148313		70	<20	<0.01	<10	<10	5	<10	5		
148314		261	<20	<0.01	<10	<10	12	<10	38		
148315		332	<20	<0.01	<10	<10	23	<10	58		
148316		326	<20	<0.01	<10	<10	24	<10	53		
148317		269	<20	<0.01	<10	<10	18	<10	49		
148318		224	<20	<0.01	<10	<10	11	<10	41		
148319		195	<20	<0.01	<10	<10	14	<10	45		
148320		256	<20	<0.01	<10	<10	15	<10	46		
148321		397	<20	<0.01	<10	<10	19	<10	49		
148322		314	<20	<0.01	<10	<10	15	<10	39		
148323		245	<20	<0.01	<10	<10	20	<10	50		
148324		336	<20	0.01	<10	<10	26	<10	58		
148325		1555	<20	<0.01	<10	<10	6	<10	20		
148326		272	<20	0.01	<10	<10	28	<10	52		
148327		329	<20	<0.01	<10	<10	11	<10	49		



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Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt.	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
148328		0.07	1.980		0.8	1.23	2930	30	30	<0.5	62	5.68	0.5	80	24	158
148329		0.80	0.002		<0.2	0.46	2	<10	50	<0.5	<2	0.30	<0.5	2	6	2
148330		3.35	0.026		<0.2	0.39	3	<10	60	<0.5	<2	3.19	<0.5	5	3	25
148331		2.71	0.005		<0.2	0.49	2	<10	140	<0.5	<2	3.72	<0.5	7	3	22
148332		0.68	0.861		0.8	0.27	103	<10	40	<0.5	4	5.39	<0.5	8	1	12
148333		<0.02	0.844		0.3	0.28	109	<10	40	<0.5	3	5.42	<0.5	7	1	12
148334		2.65	0.009		0.2	0.65	2	<10	180	<0.5	<2	4.03	<0.5	5	3	69
148335		3.13	0.114		0.6	0.47	18	<10	110	<0.5	2	3.59	<0.5	7	2	53
148336		3.24	0.049		0.5	0.49	29	<10	90	<0.5	2	4.02	<0.5	7	2	16
148337		3.75	0.008		<0.2	0.55	5	<10	240	<0.5	<2	3.20	<0.5	7	3	16
148338		3.36	0.003		<0.2	0.69	<2	<10	220	<0.5	<2	3.40	<0.5	7	4	33
148339		2.94	0.021		<0.2	0.45	8	<10	90	<0.5	<2	2.88	<0.5	7	2	31
148340		2.92	0.031		0.6	0.52	21	<10	80	<0.5	<2	3.58	<0.5	8	2	50
148341		2.87	0.009		0.4	0.59	10	<10	130	<0.5	<2	3.61	<0.5	7	2	58
148342		3.04	0.021		0.3	0.70	8	<10	100	<0.5	<2	3.71	<0.5	8	2	72
148343		0.95	0.649		7.0	0.18	22	<10	40	<0.5	20	2.14	1.3	7	7	35
148344		4.02	0.015		0.3	1.01	8	<10	100	<0.5	<2	3.17	<0.5	8	4	68
148345		2.95	0.009		0.2	0.62	8	<10	90	<0.5	<2	3.44	<0.5	7	3	23
148346		3.26	0.006		0.3	0.79	7	<10	110	<0.5	<2	3.47	<0.5	7	3	35
148347		2.99	0.005		0.6	1.09	6	<10	120	<0.5	<2	3.61	<0.5	7	4	36
148348		1.80	0.004		0.2	0.80	8	<10	110	<0.5	<2	4.00	<0.5	8	3	43
148349		3.55	0.003		<0.2	1.45	3	<10	110	<0.5	<2	3.69	<0.5	9	6	46
148350		4.67	0.038		0.3	0.64	20	<10	100	<0.5	<2	3.48	<0.5	7	2	59
148351		0.07	2.10		0.7	1.30	2940	40	30	<0.5	62	5.77	<0.5	79	25	158
148352		0.80	0.002		<0.2	0.45	7	<10	40	<0.5	<2	0.31	<0.5	1	6	2
148353		3.21	0.007		<0.2	0.69	28	<10	70	<0.5	<2	2.45	<0.5	9	13	29
148354		<0.02	0.007		<0.2	0.58	24	<10	60	<0.5	<2	2.10	<0.5	8	12	25
148355		1.98	0.005		<0.2	0.92	16	<10	90	<0.5	<2	2.18	<0.5	7	9	21
148356		2.82	0.149		0.5	0.77	45	<10	110	<0.5	<2	2.84	<0.5	6	4	8
148357		3.91	0.002		<0.2	1.35	5	<10	2210	<0.5	<2	2.67	<0.5	7	6	17
148358		2.82	0.165		1.3	0.57	34	<10	80	<0.5	2	3.02	<0.5	9	3	53
148359		3.72	0.147		0.3	0.67	48	<10	120	<0.5	<2	3.10	<0.5	8	2	13
148360		2.37	0.325		1.6	0.59	104	<10	70	<0.5	8	3.45	<0.5	11	2	10
148361		2.00	0.009		<0.2	1.30	9	<10	350	<0.5	<2	2.78	<0.5	7	6	10
148362		2.40	0.022		0.9	0.87	7	<10	130	<0.5	<2	3.48	<0.5	7	4	84
148363		2.70	0.016		<0.2	1.05	7	<10	460	<0.5	<2	2.65	<0.5	8	5	31
148364		0.52	>10.0	59.6	>100	0.47	764	<10	<10	<0.5	228	0.96	104.0	3	<1	288
148365		3.80	0.020		0.7	1.42	3	<10	190	<0.5	<2	2.45	<0.5	7	7	58
148366		3.95	0.057		0.4	1.33	5	<10	110	<0.5	<2	2.79	<0.5	6	6	22
148367		3.82	0.010		<0.2	1.33	4	<10	150	<0.5	<2	2.46	<0.5	6	7	13



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 RICHMOND B.C. BC V6X 3M1

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**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
148328		3.21	<10	<1	0.06	10	0.31	1000	9	0.07	29	1080	12	0.59	7	2
148329		1.32	<10	<1	0.12	10	0.23	368	<1	0.06	<1	330	4	<0.01	<2	1
148330		2.60	<10	<1	0.19	10	0.78	880	<1	0.03	1	1380	7	0.31	2	3
148331		2.88	<10	<1	0.26	10	0.92	975	<1	0.04	1	1430	6	0.35	<2	3
148332		5.42	<10	<1	0.15	<10	1.60	3310	<1	0.01	2	940	16	3.99	<2	2
148333		5.48	<10	<1	0.15	<10	1.60	3370	<1	0.01	2	930	17	4.05	2	2
148334		2.94	<10	<1	0.19	10	1.16	922	<1	0.03	2	1430	5	0.36	3	3
148335		3.29	<10	<1	0.23	<10	0.91	1000	3	0.04	2	1530	9	1.11	5	3
148336		3.47	<10	<1	0.26	<10	0.99	1390	5	0.04	2	1480	29	1.45	2	3
148337		2.86	<10	<1	0.25	10	0.83	865	<1	0.05	2	1450	5	0.59	3	3
148338		3.06	<10	<1	0.19	10	0.94	913	<1	0.05	2	1500	4	0.17	<2	3
148339		2.71	<10	<1	0.20	10	0.74	791	<1	0.04	2	1340	9	0.50	3	2
148340		2.98	<10	<1	0.26	10	0.91	1005	1	0.04	4	1410	20	0.66	8	3
148341		3.04	<10	<1	0.21	10	0.88	905	6	0.06	2	1430	11	0.32	9	3
148342		3.07	<10	<1	0.19	10	0.89	915	3	0.06	1	1440	8	0.34	3	3
148343		2.10	<10	<1	0.09	<10	0.49	820	2	0.02	1	420	534	0.99	14	1
148344		3.13	<10	<1	0.20	10	0.84	884	9	0.06	1	1440	8	0.29	4	3
148345		3.14	<10	<1	0.20	10	0.92	962	3	0.05	1	1440	11	0.31	5	3
148346		3.18	<10	<1	0.19	10	0.93	940	24	0.06	1	1420	14	0.23	8	3
148347		3.36	<10	<1	0.16	10	1.04	939	2	0.05	2	1510	11	0.28	4	4
148348		3.42	<10	<1	0.19	10	1.06	1025	3	0.06	1	1550	9	0.31	3	3
148349		4.04	10	<1	0.17	10	1.20	1145	7	0.07	3	1920	6	0.38	2	5
148350		3.09	<10	<1	0.27	10	0.96	1030	3	0.05	5	1490	18	0.51	6	3
148351		3.51	<10	<1	0.06	10	0.31	1035	11	0.08	28	1090	17	0.60	8	2
148352		1.32	10	<1	0.12	10	0.24	349	1	0.06	<1	330	8	0.01	<2	1
148353		2.97	<10	<1	0.15	10	0.86	645	8	0.04	28	890	12	0.27	6	2
148354		2.55	<10	<1	0.13	10	0.73	552	7	0.03	24	760	12	0.23	7	2
148355		2.73	<10	<1	0.18	10	0.82	623	4	0.06	13	1050	10	0.18	5	2
148356		3.09	<10	<1	0.31	10	0.56	961	1	0.03	2	1330	75	1.87	<2	2
148357		2.90	10	<1	0.17	10	0.85	840	2	0.05	1	1520	6	0.14	<2	3
148358		3.30	<10	<1	0.28	10	0.59	1020	9	0.03	1	1480	35	1.76	6	3
148359		3.19	<10	<1	0.32	10	0.57	938	1	0.03	2	1460	15	1.77	2	2
148360		4.30	<10	<1	0.32	<10	0.69	1545	1	0.03	4	1390	45	3.52	<2	2
148361		3.20	10	<1	0.33	10	0.86	954	1	0.05	1	1530	6	0.59	<2	4
148362		2.90	<10	<1	0.26	10	0.79	922	1	0.04	1	1550	11	0.63	16	3
148363		2.96	10	<1	0.34	10	0.82	897	2	0.06	1	1420	10	0.61	6	4
148364		19.9	<10	<1	0.20	<10	0.23	281	<1	0.03	<1	710	>10000	>10.0	74	1
148365		3.00	10	<1	0.22	10	0.93	802	1	0.06	2	1490	99	0.36	<2	3
148366		2.87	10	<1	0.21	10	0.85	843	1	0.04	1	1400	129	0.33	<2	4
148367		2.85	10	<1	0.27	10	0.86	759	1	0.06	1	1400	13	0.20	<2	4



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**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46
		Sr	Th	Ti	Ti	U	V	W	Zn	Ag	Pb
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 1	% 0.01
148328		110	<20	0.05	<10	<10	25	30	75		
148329		21	<20	0.04	<10	<10	13	<10	56		
148330		270	<20	<0.01	<10	<10	12	<10	45		
148331		274	<20	<0.01	<10	<10	14	<10	51		
148332		301	<20	<0.01	<10	<10	6	<10	46		
148333		300	<20	<0.01	<10	<10	6	<10	48		
148334		329	<20	<0.01	<10	<10	19	<10	59		
148335		277	<20	<0.01	<10	<10	12	<10	51		
148336		268	<20	<0.01	<10	<10	10	<10	42		
148337		262	<20	<0.01	<10	<10	16	<10	55		
148338		307	<20	<0.01	<10	<10	19	<10	70		
148339		272	<20	<0.01	<10	<10	10	<10	52		
148340		298	<20	<0.01	<10	<10	10	<10	68		
148341		309	<20	<0.01	<10	<10	14	<10	95		
148342		342	<20	<0.01	<10	<10	18	<10	54		
148343		186	<20	<0.01	<10	<10	3	<10	54		
148344		271	<20	<0.01	<10	<10	29	<10	61		
148345		298	<20	<0.01	<10	<10	17	<10	59		
148346		293	<20	<0.01	<10	<10	22	<10	74		
148347		268	<20	<0.01	<10	<10	36	<10	74		
148348		348	<20	<0.01	<10	<10	24	<10	75		
148349		296	<20	0.01	<10	<10	56	<10	86		
148350		275	<20	<0.01	<10	<10	14	<10	63		
148351		112	<20	0.06	<10	<10	27	30	75		
148352		20	<20	0.03	<10	<10	13	<10	53		
148353		216	<20	<0.01	<10	<10	20	<10	67		
148354		184	<20	<0.01	<10	<10	17	<10	56		
148355		201	<20	<0.01	<10	<10	19	<10	63		
148356		173	<20	0.01	<10	<10	22	<10	32		
148357		210	<20	0.05	<10	<10	43	<10	56		
148358		202	<20	<0.01	<10	<10	14	<10	44		
148359		219	<20	0.01	<10	<10	17	<10	33		
148360		232	<20	<0.01	<10	<10	17	<10	25		
148361		179	<20	0.05	<10	<10	58	<10	56		
148362		271	<20	0.01	<10	<10	30	<10	57		
148363		198	<20	0.04	<10	<10	41	<10	56		
148364		89	<20	0.01	<10	<10	14	<10	1200	199	7.63
148365		120	<20	0.11	<10	<10	55	<10	61		
148366		149	<20	0.08	<10	<10	54	<10	56		
148367		129	<20	0.10	<10	<10	55	<10	55		





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**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
148368		3.74	0.068		0.2	0.89	17	<10	160	<0.5	<2	1.67	<0.5	6	5	6
148369		2.35	0.003		<0.2	1.35	6	<10	90	<0.5	<2	2.20	<0.5	7	7	8
148370		2.69	0.005		<0.2	1.36	4	<10	160	<0.5	<2	2.24	<0.5	7	7	12
148371		1.20	0.657		1.2	0.39	21	<10	40	<0.5	2	2.01	<0.5	7	6	21
148372		<0.02	0.969		1.0	0.39	16	<10	40	<0.5	2	2.02	<0.5	7	5	21
148373		3.55	0.049		0.5	0.82	7	<10	100	<0.5	<2	3.47	<0.5	8	3	62
148374		0.06	2.01		0.8	1.32	2980	40	30	<0.5	61	6.19	<0.5	80	25	154
148375		3.10	0.031		0.2	0.58	9	<10	490	<0.5	<2	3.58	<0.5	7	3	4
148376		0.56	0.002		0.2	0.43	3	<10	70	<0.5	2	0.18	<0.5	1	6	2
148377		2.73	0.015		0.4	0.77	4	<10	490	<0.5	3	2.81	<0.5	6	4	11
148378		3.58	0.004		<0.2	1.35	<2	<10	580	<0.5	3	2.31	<0.5	7	8	18
148379		2.31	0.049		0.5	0.77	8	<10	280	<0.5	4	2.77	<0.5	6	4	12
148380		2.01	0.016		0.6	1.00	5	<10	230	<0.5	3	3.04	0.5	7	4	49
148381		1.77	0.834		13.9	0.70	75	<10	100	<0.5	125	2.45	6.6	12	3	28
148382		3.84	0.011		0.2	1.47	3	<10	110	<0.5	2	1.94	<0.5	7	8	39
148383		3.57	0.008		0.6	1.51	16	<10	110	<0.5	3	3.50	<0.5	9	6	71
148384		3.66	0.019		0.5	1.08	16	<10	180	<0.5	5	2.50	<0.5	7	13	48
148385		1.82	0.045		0.9	1.79	101	<10	60	<0.5	6	4.19	<0.5	21	67	561
148386		3.56	0.013		0.3	1.24	3	<10	170	<0.5	3	3.65	<0.5	5	2	34
148387		2.51	0.484		0.7	1.22	18	<10	190	<0.5	3	3.39	0.5	6	3	47
148388		2.28	0.005		0.4	1.23	4	<10	330	<0.5	2	3.27	<0.5	5	4	54
148389		0.68	0.363		8.7	0.58	151	<10	70	<0.5	25	3.29	<0.5	11	1	25
148390		3.46	0.018		0.5	1.10	3	<10	160	<0.5	2	3.42	<0.5	6	5	74
148391		4.04	0.009		0.3	0.73	5	<10	140	<0.5	2	3.04	<0.5	5	2	30
148392		2.97	0.025		0.4	0.90	7	<10	170	<0.5	3	4.01	<0.5	7	2	25
148393		4.16	0.008		0.4	0.74	4	<10	130	<0.5	5	3.15	<0.5	5	3	41
148394		3.39	1.000		1.8	0.73	19	<10	120	<0.5	6	3.23	<0.5	6	2	41
148395		0.07	1.845		0.7	1.39	2830	40	30	<0.5	63	6.06	0.6	77	26	157
148396		3.69	0.022		0.4	0.54	18	<10	90	<0.5	3	3.72	<0.5	5	2	20
148397		0.61	0.006		<0.2	0.49	3	<10	70	<0.5	3	0.27	<0.5	1	14	5
148398		3.74	0.027		0.3	0.49	4	<10	130	<0.5	2	3.27	<0.5	5	2	9
148399		<0.02	0.024		0.3	0.48	5	<10	130	<0.5	3	3.36	<0.5	5	2	10
148400		3.71	0.018		0.3	0.66	4	<10	130	<0.5	3	3.52	<0.5	6	3	24
148401		2.56	0.030		0.4	0.63	3	<10	90	0.5	2	3.84	<0.5	6	2	18
148402		2.70	0.095		0.5	0.69	12	<10	110	<0.5	4	2.38	<0.5	11	3	13
148403		2.73	0.084		0.7	0.56	18	<10	90	<0.5	6	3.31	<0.5	16	2	17
148404		2.78	0.072		0.7	0.48	10	<10	160	0.5	4	6.28	<0.5	7	2	10
148405		3.35	0.024		0.3	0.68	6	<10	70	0.6	3	4.24	<0.5	7	3	39
148406		3.74	0.021		1.4	0.72	6	<10	100	0.6	2	4.51	<0.5	9	3	523
148407		3.50	0.013		1.0	0.59	2	<10	80	<0.5	3	2.81	<0.5	9	4	216



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
148368		2.38	10	<1	0.17	<10	0.65	603	1	0.03	1	1100	17	0.49	<2	3
148369		3.05	10	<1	0.13	10	0.95	784	1	0.05	1	1480	6	0.25	<2	4
148370		3.05	10	<1	0.18	10	0.90	759	6	0.05	1	1460	10	0.30	<2	4
148371		2.38	<10	<1	0.15	10	0.55	629	5	0.02	<1	1000	41	1.29	2	2
148372		2.39	<10	<1	0.15	<10	0.55	633	5	0.02	1	1010	44	1.29	5	2
148373		3.27	<10	<1	0.22	10	0.97	990	3	0.04	1	1660	36	0.74	<2	4
148374		3.56	<10	<1	0.06	10	0.32	1060	10	0.08	30	1090	17	0.59	10	3
148375		2.69	<10	<1	0.23	10	0.82	853	1	0.04	1	1410	7	0.37	2	2
148376		1.13	<10	<1	0.20	20	0.18	257	<1	0.07	2	280	8	0.02	<2	1
148377		2.86	<10	<1	0.22	10	0.82	839	<1	0.06	1	1370	6	0.48	<2	3
148378		2.93	10	<1	0.18	10	0.91	787	<1	0.07	2	1390	6	0.24	<2	4
148379		2.80	<10	<1	0.25	10	0.70	873	<1	0.06	1	1360	10	0.87	<2	3
148380		2.82	<10	<1	0.34	10	0.67	935	<1	0.05	1	1390	10	0.94	<2	3
148381		3.68	<10	<1	0.37	10	0.50	938	<1	0.05	1	1170	239	2.94	14	2
148382		2.84	10	<1	0.18	10	0.82	710	<1	0.06	2	1310	7	0.34	<2	4
148383		3.94	<10	<1	0.24	10	1.10	1015	60	0.05	3	1870	8	0.60	2	5
148384		2.69	<10	<1	0.28	10	0.77	806	<1	0.06	10	1040	11	0.31	<2	4
148385		6.20	<10	<1	0.19	10	1.02	1145	28	0.03	59	870	12	3.69	2	3
148386		2.67	<10	<1	0.34	20	0.62	963	<1	0.05	<1	1360	8	0.79	<2	2
148387		2.95	<10	<1	0.31	10	0.57	915	2	0.04	1	1320	18	1.28	<2	2
148388		2.74	<10	<1	0.27	10	0.65	878	1	0.06	1	1390	5	0.54	<2	2
148389		4.60	<10	<1	0.29	10	0.40	973	1	0.03	3	1160	78	4.46	<2	1
148390		2.83	<10	<1	0.29	10	0.59	917	2	0.05	1	1410	6	0.85	<2	3
148391		2.39	<10	<1	0.30	10	0.45	772	2	0.05	<1	1270	6	0.95	<2	2
148392		3.05	<10	<1	0.41	10	0.52	1030	<1	0.05	<1	1560	8	1.49	<2	2
148393		2.54	<10	<1	0.31	10	0.49	772	<1	0.05	<1	1270	6	1.01	<2	2
148394		2.85	<10	<1	0.33	10	0.54	839	<1	0.05	1	1350	114	1.03	<2	2
148395		3.69	<10	<1	0.07	10	0.34	1090	7	0.10	28	1110	14	0.62	8	3
148396		2.74	<10	<1	0.23	10	0.65	896	<1	0.05	<1	1310	6	0.41	<2	2
148397		1.35	<10	<1	0.22	20	0.22	309	<1	0.08	1	330	5	0.03	<2	1
148398		2.49	<10	<1	0.23	10	0.64	807	<1	0.04	<1	1320	3	0.57	<2	1
148399		2.57	<10	<1	0.23	10	0.65	827	<1	0.05	1	1340	5	0.61	<2	1
148400		2.69	<10	1	0.26	10	0.55	808	<1	0.06	1	1390	6	0.69	<2	2
148401		2.88	<10	<1	0.25	10	0.79	961	<1	0.05	1	1380	5	0.71	<2	2
148402		3.09	<10	<1	0.25	10	0.61	637	3	0.05	2	1480	7	1.77	<2	2
148403		3.65	<10	<1	0.23	10	0.88	804	16	0.03	2	1260	9	2.49	<2	2
148404		3.98	<10	<1	0.13	10	1.97	1750	<1	0.03	2	990	8	1.33	<2	2
148405		3.52	<10	<1	0.20	10	1.34	1320	<1	0.05	3	1920	5	0.66	2	4
148406		3.55	<10	<1	0.26	10	1.57	1175	11	0.05	4	1820	6	0.66	<2	4
148407		2.85	<10	<1	0.22	10	0.91	856	26	0.05	2	1350	4	0.70	<2	3



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**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46
		Sr	Th	Ti	Ti	U	V	W	Zn	Ag	Pb
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2	ppm 1	% 0.01
148368		104	<20	0.09	<10	<10	41	<10	40		
148369		136	<20	0.11	<10	<10	59	<10	57		
148370		167	<20	0.07	<10	<10	55	<10	57		
148371		163	<20	<0.01	<10	<10	16	<10	28		
148372		166	<20	<0.01	<10	<10	16	<10	28		
148373		314	<20	0.01	<10	<10	32	<10	60		
148374		113	<20	0.06	<10	<10	27	30	75		
148375		323	<20	0.01	<10	<10	20	<10	49		
148376		14	<20	0.07	<10	<10	13	<10	57		
148377		327	<20	0.03	<10	<10	31	<10	48		
148378		221	<20	0.11	<10	<10	55	<10	58		
148379		302	<20	<0.01	<10	<10	32	<10	46		
148380		327	<20	0.01	<10	<10	25	<10	54		
148381		206	<20	0.01	<10	<10	15	<10	174		
148382		151	<20	0.14	<10	<10	53	<10	65		
148383		368	<20	0.03	<10	<10	48	<10	74		
148384		236	<20	0.03	<10	<10	38	<10	61		
148385		262	<20	0.01	<10	<10	42	<10	46		
148386		261	<20	0.01	<10	<10	26	<10	46		
148387		270	<20	0.01	<10	<10	26	<10	52		
148388		235	<20	0.01	<10	<10	34	<10	50		
148389		296	<20	<0.01	<10	<10	11	<10	19		
148390		224	<20	0.01	<10	<10	30	<10	49		
148391		192	<20	<0.01	<10	<10	20	<10	40		
148392		300	<20	<0.01	<10	<10	21	<10	43		
148393		209	<20	<0.01	<10	<10	20	<10	43		
148394		297	<20	<0.01	<10	<10	15	<10	47		
148395		129	<20	0.06	<10	<10	29	30	75		
148396		318	<20	<0.01	<10	<10	13	<10	46		
148397		19	<20	0.07	<10	<10	15	<10	57		
148398		216	<20	<0.01	<10	<10	11	<10	42		
148399		219	<20	<0.01	<10	<10	11	<10	44		
148400		282	<20	<0.01	<10	<10	16	<10	47		
148401		332	<20	<0.01	<10	<10	13	<10	49		
148402		223	<20	<0.01	<10	<10	17	<10	40		
148403		282	<20	<0.01	<10	<10	11	<10	33		
148404		472	<20	<0.01	<10	<10	18	<10	53		
148405		320	<20	<0.01	<10	<10	26	<10	79		
148406		344	<20	<0.01	<10	<10	25	<10	68		
148407		204	<20	<0.01	<10	<10	17	<10	59		



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Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
148408		2.69	0.005		0.9	0.80	<2	<10	140	<0.5	3	3.63	<0.5	7	5	125
148409		4.76	0.009		0.2	0.45	25	<10	60	<0.5	3	3.05	<0.5	8	3	22
148410		2.12	0.022		0.7	0.53	72	<10	120	<0.5	3	2.95	<0.5	14	12	90
148411		4.15	0.062		1.0	0.47	91	<10	70	<0.5	4	3.68	6.7	8	2	151
148412		3.90	0.005		0.4	0.49	30	<10	70	<0.5	<2	2.77	1.3	8	2	97
148413		2.22	0.010		0.5	0.55	19	<10	90	<0.5	<2	2.34	0.5	7	2	128



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**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
148408		2.94	<10	<1	0.21	10	0.90	949	3	0.06	2	1410	6	0.32	22	3
148409		3.32	<10	<1	0.20	10	1.03	954	<1	0.07	4	1340	8	0.37	4	3
148410		4.30	<10	<1	0.27	10	1.16	766	11	0.04	69	790	9	0.57	25	4
148411		4.16	<10	<1	0.22	10	1.03	1080	37	0.07	11	1250	30	1.73	53	2
148412		3.94	<10	<1	0.17	<10	0.93	1655	18	0.08	6	1370	8	1.53	23	3
148413		3.73	<10	<1	0.20	<10	0.86	933	34	0.07	10	1160	8	1.62	31	2



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**CERTIFICATE OF ANALYSIS TR08139599**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	Ag-OG46	Pb-OG46
		Sr	Th	Ti	Tl	U	V	W	Zn	Ag	Pb
		ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%
		1	20	0.01	10	10	1	10	2	1	0.01
148408		332	<20	<0.01	<10	<10	23	<10	65		
148409		274	<20	<0.01	<10	<10	13	<10	69		
148410		329	<20	<0.01	<10	<10	19	<10	74		
148411		330	<20	<0.01	<10	<10	9	<10	529		
148412		239	<20	<0.01	<10	<10	12	<10	233		
148413		237	<20	<0.01	<10	<10	9	<10	106		



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This copy reported on 24-OCT-2008  
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## CERTIFICATE TR08136314

Project: Kalum-Burn  
P.O. No.:  
This report is for 115 Drill Core samples submitted to our lab in Terrace, BC, Canada on 25-SEP-2008.

The following have access to data associated with this certificate:

MOUNTAIN CAPITAL INC.	CSG	J.W. MURTON
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## SAMPLE PREPARATION

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
LOG-24	Pulp Login - Rcd w/o Barcode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um


## ANALYTICAL PROCEDURES

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
Au-GRA21	Au 30g FA-GRAV finish	WST-SIM
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOUNTAIN CAPITAL INC.  
ATTN: J.W. MURTON  
1567 MCNAUGHTON RD  
KELOWNA BC V1Z 2S2

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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**CERTIFICATE OF ANALYSIS TR08136314**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu
		kg	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
148173		3.06	0.022		<0.2	1.19	15	<10	380	<0.5	<2	3.07	<0.5	7	6	57
148174		3.82	0.001		<0.2	1.34	2	<10	490	<0.5	<2	2.65	<0.5	7	7	27
148175		2.77	0.102		0.3	0.81	13	<10	140	<0.5	3	3.25	<0.5	6	5	16
148176		3.01	0.153		<0.2	0.83	13	<10	190	<0.5	2	3.18	<0.5	6	5	23
148177		2.12	1.585		2.8	1.42	19	<10	470	<0.5	18	2.87	<0.5	6	5	32
148178		3.28	0.006		<0.2	1.62	<2	<10	450	<0.5	<2	2.95	<0.5	7	5	30
148179		1.76	0.017		<0.2	1.21	<2	<10	160	0.5	2	3.45	<0.5	7	3	30
148180		2.38	0.065		<0.2	0.72	16	<10	120	<0.5	3	3.89	<0.5	6	4	39
148181		4.13	0.005		<0.2	1.47	<2	<10	900	<0.5	<2	2.87	<0.5	6	6	23
148182		1.62	0.077		<0.2	1.14	2	<10	490	<0.5	<2	2.89	<0.5	6	6	90
148183		3.33	0.061		<0.2	1.58	7	<10	570	<0.5	2	2.86	<0.5	7	7	20
148184		2.41	0.212		<0.2	1.21	26	<10	100	<0.5	3	3.44	<0.5	7	5	12
148185		0.06	1.800		0.3	1.21	2930	30	30	<0.5	63	5.41	0.5	79	24	164
148186		2.48	1.685		0.2	1.03	64	<10	100	<0.5	3	3.60	<0.5	7	4	13
148187		1.14	0.004		<0.2	0.52	<2	<10	90	<0.5	<2	0.24	<0.5	4	31	17
148188		3.06	0.029		<0.2	1.26	<2	<10	380	<0.5	<2	3.46	<0.5	6	6	5
148189		<0.02	0.022		<0.2	1.24	<2	<10	380	<0.5	<2	3.43	<0.5	6	6	5
148190		3.36	0.013		<0.2	1.55	<2	<10	420	<0.5	<2	3.06	<0.5	6	7	7
148191		2.96	0.006		<0.2	1.43	<2	<10	620	<0.5	<2	3.45	<0.5	6	5	4
148192		2.03	<0.001		<0.2	1.52	<2	<10	980	<0.5	<2	2.07	<0.5	7	8	13
148193		0.58	2.71		0.4	0.95	63	<10	140	<0.5	5	4.32	<0.5	6	5	6
148194		3.86	0.126		<0.2	1.49	7	<10	350	<0.5	2	2.94	<0.5	7	7	14
148195		2.31	0.011		<0.2	1.35	<2	<10	820	<0.5	<2	3.46	<0.5	6	5	6
148196		1.91	<0.001		<0.2	0.96	<2	<10	1440	<0.5	<2	3.65	<0.5	6	4	4
148197		3.45	0.003		<0.2	1.66	<2	<10	1140	<0.5	2	2.97	<0.5	7	7	4
148198		4.71	0.021		<0.2	1.50	<2	<10	360	<0.5	<2	3.92	<0.5	7	5	6
148199		2.40	0.002		<0.2	1.59	<2	<10	280	<0.5	2	2.61	<0.5	7	6	9
148200		2.54	0.003		<0.2	1.38	<2	<10	320	<0.5	<2	2.48	<0.5	7	6	14
148201		1.96	0.011		<0.2	1.05	4	<10	260	<0.5	<2	3.48	<0.5	6	5	14
148202		3.67	0.023		<0.2	1.06	6	<10	390	<0.5	<2	3.10	<0.5	7	4	14
148203		3.06	0.088		0.2	0.99	15	<10	230	<0.5	<2	3.51	<0.5	7	3	34
148204		2.87	0.043		0.4	0.84	12	<10	120	<0.5	<2	2.91	<0.5	7	3	63
148205		2.70	0.003		<0.2	0.99	3	<10	430	<0.5	<2	3.08	<0.5	7	4	10
148206		3.78	0.269		0.4	0.96	49	<10	160	<0.5	2	3.18	<0.5	8	5	11
148207		0.64	<0.001		<0.2	0.51	<2	<10	90	<0.5	<2	0.24	<0.5	1	7	2
148208		3.17	0.007		0.2	1.22	4	<10	750	<0.5	<2	2.39	<0.5	7	6	13
148209		2.65	0.013		0.2	0.92	5	<10	190	0.5	2	3.62	<0.5	7	4	16
148210		0.07	1.915		0.8	1.35	2920	40	30	<0.5	61	5.93	<0.5	79	25	156
148211		4.23	0.003		<0.2	1.11	32	<10	1140	<0.5	<2	3.05	<0.5	8	6	10
148212		3.66	0.044		0.2	0.85	18	<10	340	<0.5	<2	3.28	<0.5	8	3	16





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**CERTIFICATE OF ANALYSIS TR08136314**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
148173		2.74	10	<1	0.27	10	0.64	839	3	0.04	3	1420	4	0.68	<2	3
148174		2.73	<10	<1	0.21	10	0.76	784	2	0.05	4	1420	6	0.28	<2	3
148175		3.00	<10	<1	0.38	10	0.72	869	39	0.06	3	1330	151	0.96	3	2
148176		2.87	<10	<1	0.31	10	0.79	918	2	0.03	1	1440	74	0.89	<2	2
148177		3.04	<10	<1	0.27	10	0.80	811	2	0.06	1	1380	76	0.57	<2	3
148178		2.78	10	<1	0.27	10	0.76	799	2	0.06	2	1400	5	0.40	<2	3
148179		2.67	<10	<1	0.34	10	0.47	776	1	0.05	1	1430	4	0.63	<2	3
148180		2.68	<10	<1	0.25	10	0.56	958	1	0.05	1	1230	5	1.12	<2	3
148181		2.61	10	<1	0.31	10	0.70	812	1	0.07	3	1380	4	0.25	<2	3
148182		2.56	<10	<1	0.27	10	0.59	777	3	0.05	3	1270	4	0.49	<2	3
148183		2.95	10	<1	0.31	10	0.79	961	2	0.07	3	1420	4	0.48	<2	3
148184		3.06	10	<1	0.35	10	0.53	982	2	0.03	1	1470	10	1.35	<2	3
148185		3.25	<10	<1	0.06	10	0.30	1020	10	0.07	28	1070	14	0.59	6	2
148186		3.34	<10	<1	0.36	10	0.44	1005	2	0.03	3	1410	16	2.11	<2	3
148187		1.21	<10	<1	0.23	20	0.20	284	1	0.08	7	310	2	0.01	<2	2
148188		2.86	10	1	0.22	10	0.77	911	<1	0.04	3	1460	3	0.33	<2	3
148189		2.85	10	<1	0.22	10	0.78	911	<1	0.04	3	1470	3	0.34	<2	3
148190		2.96	10	<1	0.30	10	0.86	836	<1	0.06	3	1450	4	0.16	<2	3
148191		2.77	10	<1	0.37	10	0.75	908	<1	0.07	2	1390	2	0.38	<2	3
148192		2.77	10	<1	0.15	10	0.91	794	1	0.06	2	1470	4	0.07	<2	3
148193		3.11	<10	<1	0.32	10	0.51	1060	2	0.03	2	1130	11	2.31	<2	2
148194		2.96	10	<1	0.25	10	0.81	934	1	0.06	1	1490	6	0.54	<2	3
148195		2.77	<10	<1	0.36	10	0.77	890	1	0.07	1	1490	4	0.25	<2	3
148196		2.66	<10	<1	0.31	10	0.83	924	1	0.05	1	1540	3	0.11	<2	2
148197		2.95	10	<1	0.26	10	0.89	861	1	0.08	1	1540	3	0.10	<2	3
148198		2.99	10	<1	0.25	10	0.81	941	1	0.05	1	1510	3	0.51	<2	3
148199		2.80	10	<1	0.24	10	0.84	796	1	0.06	1	1540	3	0.24	<2	3
148200		2.91	10	<1	0.20	10	0.80	812	1	0.05	1	1490	6	0.35	<2	3
148201		2.52	<10	<1	0.33	10	0.74	933	1	0.05	1	1360	6	0.51	<2	3
148202		2.82	<10	<1	0.33	10	0.69	872	1	0.05	1	1490	4	0.70	<2	3
148203		2.82	<10	<1	0.42	10	0.84	973	1	0.05	5	1470	5	0.75	3	3
148204		2.93	<10	<1	0.36	10	0.81	988	2	0.04	1	1430	9	1.24	2	3
148205		2.76	<10	<1	0.37	10	0.84	912	2	0.07	1	1470	3	0.41	<2	3
148206		3.42	<10	<1	0.39	10	0.84	1250	4	0.05	1	1470	32	1.93	2	3
148207		1.14	<10	<1	0.24	20	0.18	283	<1	0.09	<1	290	2	<0.01	<2	1
148208		2.69	<10	<1	0.34	10	0.71	795	2	0.06	1	1390	4	0.38	<2	4
148209		2.80	<10	<1	0.38	10	1.15	1060	1	0.04	1	1350	3	0.82	2	3
148210		3.42	<10	<1	0.06	10	0.31	1090	9	0.08	28	1090	13	0.59	9	2
148211		2.70	<10	<1	0.22	10	0.75	831	<1	0.06	2	1320	3	0.19	<2	4
148212		2.87	<10	<1	0.37	10	0.72	1025	<1	0.05	2	1420	4	0.94	2	3



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**CERTIFICATE OF ANALYSIS TR08136314**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Sr	Th	Ti	Ti	U	V	W	Zn
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
148173		240	<20	0.01	<10	<10	34	<10	48
148174		190	<20	0.02	<10	<10	35	<10	59
148175		222	<20	<0.01	<10	<10	14	<10	48
148176		217	<20	<0.01	<10	<10	19	<10	44
148177		245	<20	0.01	<10	<10	35	<10	56
148178		228	<20	0.01	<10	<10	37	<10	55
148179		303	<20	<0.01	<10	<10	23	<10	49
148180		264	<20	<0.01	<10	<10	23	<10	41
148181		507	<20	0.01	<10	<10	35	<10	52
148182		257	<20	0.01	<10	<10	36	<10	48
148183		288	<20	0.05	<10	<10	42	<10	55
148184		321	<20	<0.01	<10	<10	23	<10	41
148185		111	<20	0.05	<10	<10	25	30	76
148186		308	<20	<0.01	<10	<10	20	<10	34
148187		20	<20	0.07	<10	<10	18	<10	50
148188		287	<20	0.01	<10	<10	38	<10	50
148189		288	<20	0.01	<10	<10	38	<10	50
148190		305	<20	0.03	<10	<10	46	<10	56
148191		278	<20	0.01	<10	<10	37	<10	49
148192		248	<20	0.09	<10	<10	49	<10	62
148193		270	<20	<0.01	<10	<10	23	<10	32
148194		308	<20	0.01	<10	<10	43	<10	54
148195		344	<20	0.01	<10	<10	37	<10	55
148196		307	<20	<0.01	<10	<10	25	<10	59
148197		327	<20	0.06	<10	<10	48	<10	66
148198		403	<20	0.01	<10	<10	42	<10	57
148199		269	<20	0.01	<10	<10	42	<10	60
148200		269	<20	0.03	<10	<10	44	<10	56
148201		311	<20	0.01	<10	<10	31	<10	43
148202		302	<20	0.01	<10	<10	32	<10	56
148203		283	<20	<0.01	<10	<10	16	<10	64
148204		225	<20	<0.01	<10	<10	14	<10	45
148205		264	<20	<0.01	<10	<10	25	<10	50
148206		229	<20	0.01	<10	<10	26	<10	37
148207		19	<20	0.07	<10	<10	10	<10	50
148208		300	<20	0.03	<10	<10	44	<10	53
148209		246	<20	<0.01	<10	<10	23	<10	39
148210		114	<20	0.06	<10	<10	25	30	76
148211		413	<20	0.01	<10	<10	38	<10	57
148212		303	<20	<0.01	<10	<10	20	<10	47



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Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08136314**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Recvd Wt. kg	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
148213		<0.02	0.026		0.2	0.76	13	10	330	<0.5	2	3.14	<0.5	7	5	18
148214		3.62	0.001		0.2	1.66	52	10	150	<0.5	<2	1.91	<0.5	12	28	84
148215		2.88	0.017		0.3	0.98	472	10	100	<0.5	<2	3.16	<0.5	10	7	155
148216		3.93	0.005		0.3	1.15	243	10	120	<0.5	<2	3.50	<0.5	10	11	121
148217		4.01	0.002		0.3	1.32	30	<10	110	<0.5	<2	3.17	<0.5	9	10	101
148218		2.91	0.004		0.3	1.69	42	10	140	<0.5	<2	3.32	<0.5	12	21	73
148219		2.88	0.002		0.2	1.41	26	<10	130	<0.5	<2	2.89	0.6	10	17	55
148220		1.52	0.003		0.2	2.19	30	<10	160	<0.5	<2	0.91	<0.5	20	64	74
148221		3.38	0.002		0.2	1.69	64	<10	130	<0.5	2	2.44	<0.5	14	32	83
148222		2.77	0.015		0.3	2.43	1025	<10	170	0.5	<2	1.12	0.5	19	59	71
148223		3.29	<0.001		<0.2	1.66	11	<10	610	<0.5	<2	2.68	<0.5	7	5	12
148224		3.23	0.014		<0.2	1.61	8	<10	190	<0.5	<2	3.23	<0.5	7	5	14
148225		2.75	0.001		<0.2	1.68	2	<10	930	<0.5	<2	3.04	<0.5	7	4	19
148226		3.46	0.014		0.2	1.89	6	<10	370	<0.5	<2	3.30	<0.5	6	2	18
148227		2.51	0.003		<0.2	1.68	3	<10	1020	<0.5	<2	2.71	<0.5	6	4	21
148228		2.27	>10.0	21.7	12.7	0.93	97	<10	140	<0.5	19	3.19	3.3	7	2	201
148229		2.68	3.01		1.8	0.78	23	<10	110	<0.5	3	3.57	1.9	7	2	39
148230		0.84	0.088		0.2	0.51	<2	<10	90	<0.5	<2	0.24	<0.5	1	7	5
148231		3.09	0.066		<0.2	1.47	9	<10	400	<0.5	<2	3.26	<0.5	6	6	31
148232		3.06	0.014		<0.2	2.03	2	<10	440	0.5	<2	3.01	<0.5	6	6	23
148233		0.07	1.805		0.8	1.38	2850	40	30	<0.5	62	5.73	<0.5	78	24	160
148234		2.05	0.001		<0.2	1.79	18	<10	190	<0.5	<2	3.73	<0.5	6	4	16
148235		1.70	0.024		0.3	1.54	8	<10	240	0.5	<2	3.37	<0.5	6	4	19
148236		2.91	0.017		0.3	1.22	3	<10	240	<0.5	<2	2.99	<0.5	6	4	75
148237		<0.02	0.014		0.4	1.18	4	<10	230	<0.5	<2	2.95	<0.5	6	4	76
148238		1.81	0.019		0.2	1.40	2	<10	140	<0.5	<2	4.47	<0.5	6	3	39
148239		2.24	0.007		<0.2	1.50	13	<10	620	<0.5	<2	2.98	<0.5	10	7	65
148240		3.18	0.008		0.2	1.63	4	<10	320	<0.5	<2	3.44	<0.5	6	3	21
148241		3.28	0.002		<0.2	1.51	<2	<10	500	<0.5	<2	2.44	<0.5	7	5	25
148242		2.96	0.032		0.2	1.61	6	<10	220	<0.5	<2	2.53	<0.5	7	4	24
148243		2.78	0.003		<0.2	1.43	<2	<10	230	<0.5	<2	1.94	<0.5	7	6	20
148244		2.29	0.003		<0.2	1.50	<2	<10	260	<0.5	<2	3.24	<0.5	6	4	21
148245		3.68	0.435		0.3	1.29	9	<10	240	<0.5	<2	2.92	<0.5	6	4	13
148246		2.11	0.004		<0.2	1.70	<2	<10	410	<0.5	<2	2.91	<0.5	7	5	13
148247		2.23	0.299		0.7	1.49	28	<10	140	<0.5	2	2.42	<0.5	6	4	12
148248		3.21	0.150		0.2	1.42	17	<10	120	<0.5	<2	2.94	<0.5	7	2	6
148249		3.53	0.003		0.2	1.55	<2	<10	190	<0.5	<2	2.25	<0.5	6	5	12
148250		3.71	0.005		<0.2	1.78	<2	<10	330	<0.5	<2	2.37	<0.5	7	5	13
148251		3.07	0.005		<0.2	1.53	2	<10	320	<0.5	<2	2.53	<0.5	7	4	8
148252		0.07	1.890		0.7	1.35	2900	40	30	<0.5	64	5.59	<0.5	78	24	160



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**CERTIFICATE OF ANALYSIS TR08136314**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
148213		2.80	<10	<1	0.31	10	0.72	956	1	0.05	5	1370	9	0.88	<2	3
148214		3.50	<10	<1	0.30	10	0.96	520	14	0.11	50	900	7	1.20	11	3
148215		3.89	<10	<1	0.22	10	1.04	623	18	0.09	5	1410	7	2.08	9	3
148216		3.77	<10	<1	0.17	10	1.16	809	7	0.08	7	1410	7	1.67	6	4
148217		3.57	10	<1	0.22	10	1.09	878	9	0.09	6	1410	9	1.12	5	3
148218		3.86	<10	<1	0.20	10	1.38	997	5	0.10	9	1460	9	1.24	6	5
148219		3.43	<10	<1	0.20	10	1.12	797	3	0.10	16	1390	6	0.96	5	3
148220		4.14	<10	<1	0.30	20	1.08	635	22	0.04	100	770	5	0.85	11	3
148221		3.42	<10	<1	0.25	10	0.87	909	20	0.06	60	880	5	1.02	6	2
148222		4.34	10	<1	0.33	20	1.23	646	10	0.05	85	890	5	0.79	6	3
148223		2.63	<10	<1	0.26	10	0.75	799	1	0.07	1	1390	4	0.17	<2	2
148224		2.77	<10	<1	0.34	10	0.69	892	1	0.06	1	1390	4	0.51	<2	3
148225		2.62	10	<1	0.32	10	0.74	817	1	0.07	1	1390	3	0.17	<2	3
148226		2.78	10	<1	0.54	10	0.71	825	1	0.08	<1	1380	2	0.57	<2	3
148227		2.62	10	<1	0.27	10	0.75	759	1	0.06	<1	1380	3	0.23	<2	3
148228		4.52	<10	<1	0.47	10	0.73	921	65	0.07	1	1190	2800	3.24	27	3
148229		2.96	<10	<1	0.34	10	0.71	1005	55	0.04	1	1190	433	1.42	5	3
148230		1.15	<10	<1	0.23	20	0.18	281	1	0.09	1	280	29	0.02	<2	1
148231		2.74	10	<1	0.29	10	0.70	901	1	0.06	<1	1320	9	0.64	<2	3
148232		2.70	10	<1	0.38	10	0.71	831	<1	0.11	<1	1300	20	0.29	2	3
148233		3.37	<10	<1	0.06	10	0.30	1080	9	0.09	28	1050	13	0.58	9	3
148234		2.62	10	<1	0.33	10	0.75	864	<1	0.07	<1	1340	4	0.34	2	3
148235		2.79	10	<1	0.38	10	0.71	833	1	0.07	1	1240	5	0.81	<2	3
148236		2.71	<10	<1	0.22	10	0.69	830	1	0.04	<1	1310	3	0.50	<2	3
148237		2.64	<10	<1	0.20	10	0.68	818	1	0.04	<1	1300	2	0.47	<2	3
148238		2.59	<10	<1	0.29	10	0.58	931	1	0.05	<1	1340	3	0.67	<2	3
148239		2.61	<10	<1	0.22	10	0.72	791	1	0.05	29	1320	4	0.21	<2	3
148240		2.70	10	<1	0.29	10	0.73	854	<1	0.06	2	1330	4	0.32	2	3
148241		2.62	10	<1	0.21	10	0.77	797	<1	0.07	1	1310	4	0.15	<2	2
148242		2.74	10	<1	0.27	10	0.69	801	<1	0.06	1	1380	5	0.57	2	3
148243		2.46	<10	<1	0.18	10	0.72	702	1	0.06	1	1210	3	0.09	<2	3
148244		2.68	10	<1	0.25	10	0.77	851	1	0.06	1	1320	3	0.25	<2	3
148245		2.45	<10	<1	0.32	10	0.59	769	<1	0.04	1	1210	4	0.59	<2	2
148246		2.66	10	<1	0.36	10	0.76	785	<1	0.08	1	1330	4	0.15	<2	3
148247		3.01	10	<1	0.32	10	0.65	781	<1	0.05	<1	1340	8	1.17	<2	2
148248		2.78	<10	<1	0.35	10	0.61	828	<1	0.05	<1	1370	4	1.03	<2	3
148249		2.80	10	<1	0.21	10	0.81	752	<1	0.08	1	1370	3	0.22	<2	3
148250		2.85	10	<1	0.31	10	0.80	772	1	0.08	1	1370	2	0.26	<2	3
148251		2.77	10	<1	0.23	10	0.80	783	<1	0.06	<1	1370	3	0.30	<2	3
148252		3.32	<10	<1	0.06	10	0.30	1060	9	0.08	27	1050	13	0.58	8	2



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**CERTIFICATE OF ANALYSIS TR08136314**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Sr	Th	Ti	Ti	U	V	W	Zn
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
148213		302	<20	<0.01	<10	<10	22	<10	45
148214		188	<20	<0.01	<10	<10	30	<10	66
148215		238	<20	<0.01	<10	<10	23	<10	61
148216		284	<20	<0.01	<10	<10	33	<10	82
148217		275	<20	0.01	<10	<10	33	<10	94
148218		299	<20	0.01	<10	<10	50	<10	93
148219		260	<20	<0.01	<10	<10	31	<10	113
148220		96	<20	0.01	<10	<10	44	<10	82
148221		171	<20	<0.01	<10	<10	30	<10	128
148222		132	<20	0.01	<10	<10	49	<10	142
148223		207	<20	0.03	<10	<10	32	<10	57
148224		202	<20	0.01	<10	<10	31	<10	52
148225		235	<20	0.02	<10	<10	32	<10	56
148226		385	<20	0.01	<10	<10	25	<10	49
148227		231	<20	0.02	<10	<10	29	<10	56
148228		229	<20	<0.01	<10	<10	11	<10	117
148229		294	<20	<0.01	<10	<10	10	<10	76
148230		20	<20	0.07	<10	<10	11	<10	51
148231		243	<20	0.01	<10	<10	31	<10	48
148232		259	<20	0.01	<10	<10	36	<10	54
148233		117	<20	0.06	<10	<10	25	30	75
148234		291	<20	0.01	<10	<10	32	<10	54
148235		297	<20	0.01	<10	<10	26	<10	49
148236		302	<20	0.01	<10	<10	34	<10	52
148237		300	<20	0.01	<10	<10	34	<10	51
148238		506	<20	0.01	<10	<10	27	<10	48
148239		247	<20	0.01	<10	<10	34	<10	149
148240		315	<20	0.01	<10	<10	27	<10	56
148241		217	<20	0.03	<10	<10	39	<10	56
148242		195	<20	0.01	<10	<10	34	<10	53
148243		193	<20	0.07	<10	<10	43	<10	58
148244		242	<20	0.01	<10	<10	34	<10	57
148245		217	<20	<0.01	<10	<10	29	<10	50
148246		195	<20	0.01	<10	<10	35	<10	57
148247		253	<20	0.01	<10	<10	32	<10	45
148248		341	<20	<0.01	<10	<10	18	<10	41
148249		193	<20	0.10	<10	<10	44	<10	58
148250		295	<20	0.03	<10	<10	39	<10	57
148251		283	<20	0.04	<10	<10	41	<10	56
148252		117	<20	0.06	<10	<10	25	20	75



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 Account: MOUCAP

Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08136314**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	Au-GRA21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au ppm	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm
148253		2.51	0.041		0.2	1.48	39	<10	80	<0.5	<2	2.66	<0.5	7	4	21
148254		3.55	2.10		1.2	0.93	83	<10	90	<0.5	3	3.42	<0.5	8	3	24
148255		<0.02	1.945		1.2	0.94	81	<10	80	<0.5	2	3.40	<0.5	8	3	23
148256		0.56	0.005		<0.2	0.47	2	<10	80	<0.5	<2	0.22	<0.5	2	7	3
148257		2.79	0.116		<0.2	1.18	3	<10	360	<0.5	<2	2.72	<0.5	6	4	24
148258		2.75	0.004		<0.2	1.56	<2	<10	240	<0.5	<2	2.76	<0.5	7	5	37
148259		1.01	0.025		0.3	0.84	6	<10	90	0.5	2	2.39	<0.5	7	3	46
148260		3.23	0.195		2.7	0.49	16	<10	70	<0.5	14	3.00	<0.5	22	6	60
148261		2.41	0.049		0.6	0.85	7	<10	70	0.6	2	2.68	<0.5	7	3	54
148262		2.12	0.585		0.6	0.79	35	<10	130	<0.5	8	2.26	<0.5	7	3	47
148263		3.26	0.032		0.5	0.77	16	<10	120	0.5	4	2.65	<0.5	8	6	26
148264		2.61	0.072		0.4	0.61	9	<10	80	0.5	3	3.02	<0.5	6	2	22
148265		2.24	0.333		3.1	0.56	91	<10	70	<0.5	17	4.57	<0.5	9	3	15
148266		3.24	0.009		0.2	0.87	3	<10	160	0.5	<2	3.05	<0.5	7	4	13
148267		3.25	0.121		0.2	0.83	19	<10	190	<0.5	<2	3.08	<0.5	7	4	5
148268		3.46	0.003		<0.2	0.90	<2	<10	1580	<0.5	<2	3.17	<0.5	6	4	4
148269		2.73	0.024		<0.2	0.73	3	<10	1090	<0.5	<2	3.19	<0.5	7	5	7
148270		3.81	0.106		0.2	0.62	34	<10	170	<0.5	<2	2.95	<0.5	7	4	12
148271		3.45	0.165		0.3	0.68	20	<10	240	<0.5	2	2.92	<0.5	8	4	13
148272		3.33	0.004		<0.2	0.84	<2	<10	480	<0.5	<2	3.01	<0.5	6	5	12
148273		0.55	0.001		<0.2	0.40	<2	<10	70	<0.5	<2	0.14	<0.5	1	8	2
148274		2.02	0.003		<0.2	0.75	<2	<10	930	<0.5	2	3.23	<0.5	7	4	14
148275		4.15	1.130		0.9	0.56	71	<10	80	<0.5	<2	3.27	<0.5	8	5	10
148276		<0.02	1.145		0.3	0.50	73	<10	70	<0.5	<2	3.13	<0.5	8	3	8
148277		2.62	0.354		0.4	0.49	68	<10	70	<0.5	<2	3.17	<0.5	8	3	14
148278		0.06	1.700		0.7	1.29	2970	40	30	<0.5	63	6.14	0.5	81	25	161
148279		4.00	1.235		0.8	0.81	20	<10	250	<0.5	<2	3.34	<0.5	7	6	10
148280		3.21	0.025		0.2	0.97	5	<10	150	0.5	<2	3.81	<0.5	8	5	2
148281		3.80	0.003		<0.2	0.70	<2	<10	180	<0.5	<2	3.60	<0.5	7	4	27
148282		4.60	0.002		<0.2	0.61	2	<10	400	<0.5	<2	3.22	<0.5	7	5	22
148283		3.85	0.010		0.3	0.65	7	<10	130	<0.5	<2	3.35	2.2	7	4	8
148284		3.58	0.157		0.5	0.55	8	<10	120	<0.5	<2	3.59	<0.5	7	3	15
148285		3.12	0.005		<0.2	0.79	<2	<10	230	<0.5	<2	3.51	<0.5	7	9	8
148286		3.77	0.006		<0.2	0.51	4	<10	360	<0.5	<2	3.56	<0.5	7	5	8
148287		2.86	0.011		0.3	0.56	7	<10	80	<0.5	<2	3.34	<0.5	8	5	22



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Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08136314**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	S %	Sb ppm	Sc ppm
148253		2.81	<10	<1	0.25	10	0.69	759	<1	0.06	<1	1330	5	0.65	<2	3
148254		3.42	<10	<1	0.21	10	0.56	1010	<1	0.03	1	1220	27	2.07	<2	3
148255		3.39	<10	<1	0.20	10	0.56	1005	<1	0.03	1	1230	27	2.08	<2	3
148256		1.25	<10	<1	0.21	20	0.17	285	<1	0.08	<1	270	2	0.01	<2	1
148257		2.64	<10	<1	0.23	10	0.67	783	<1	0.04	1	1360	3	0.40	<2	2
148258		2.89	10	<1	0.18	10	0.82	792	<1	0.05	1	1480	6	0.36	<2	4
148259		3.26	<10	<1	0.21	10	0.71	843	<1	0.03	2	1540	5	1.18	<2	3
148260		4.81	<10	<1	0.18	<10	0.95	917	43	0.02	3	750	33	4.23	2	1
148261		3.38	<10	<1	0.23	10	0.96	978	<1	0.03	<1	1480	8	1.06	<2	3
148262		3.68	<10	<1	0.37	10	0.82	1080	<1	0.03	2	1440	11	2.45	2	3
148263		3.24	<10	<1	0.27	10	0.96	1070	1	0.04	2	1460	9	1.23	<2	3
148264		2.95	<10	<1	0.20	10	1.06	1085	<1	0.04	<1	1280	7	0.82	<2	3
148265		4.34	<10	<1	0.27	<10	1.50	2160	<1	0.03	2	960	78	3.42	<2	2
148266		3.02	<10	<1	0.24	10	0.80	1045	<1	0.05	1	1400	3	0.57	<2	4
148267		3.06	<10	<1	0.28	10	0.67	967	<1	0.05	1	1440	4	1.10	<2	3
148268		2.89	<10	<1	0.24	10	0.76	890	<1	0.07	1	1460	3	0.14	<2	3
148269		2.86	<10	<1	0.25	10	0.73	922	<1	0.07	1	1440	2	0.29	<2	3
148270		2.93	<10	<1	0.30	10	0.61	1025	<1	0.05	1	1310	9	1.31	<2	2
148271		3.14	<10	<1	0.29	10	0.76	1095	<1	0.05	1	1390	5	1.26	2	3
148272		2.92	<10	<1	0.26	10	0.79	943	<1	0.07	1	1440	3	0.29	<2	3
148273		1.13	<10	<1	0.17	10	0.15	253	<1	0.07	<1	240	<2	<0.01	<2	1
148274		2.93	<10	<1	0.22	10	0.79	934	<1	0.08	1	1420	2	0.19	<2	3
148275		4.16	<10	<1	0.34	<10	0.62	1410	<1	0.04	4	1400	18	2.92	<2	2
148276		3.93	<10	1	0.32	<10	0.59	1340	<1	0.04	<1	1350	18	2.80	2	2
148277		3.91	<10	1	0.30	<10	0.75	1510	<1	0.03	4	1440	11	2.60	2	2
148278		3.54	<10	1	0.06	10	0.31	1040	8	0.08	29	1060	16	0.59	2	2
148279		3.40	<10	1	0.25	10	0.76	1100	<1	0.06	2	1430	17	0.80	<2	4
148280		3.31	<10	1	0.23	10	0.72	1120	<1	0.05	2	1480	7	0.83	<2	3
148281		2.95	<10	<1	0.24	10	0.80	891	<1	0.06	2	1460	5	0.24	2	3
148282		2.92	<10	2	0.21	10	0.78	857	<1	0.06	3	1380	5	0.34	<2	3
148283		3.14	<10	<1	0.25	10	0.82	927	2	0.05	3	1390	12	0.42	<2	3
148284		3.25	<10	1	0.25	10	0.86	975	<1	0.05	3	1300	16	0.58	<2	2
148285		3.60	<10	1	0.23	10	0.94	979	<1	0.07	2	1390	4	0.11	<2	3
148286		3.14	<10	1	0.21	10	0.91	905	<1	0.05	3	1410	4	0.24	<2	3
148287		3.44	<10	1	0.24	10	0.90	911	6	0.05	6	1320	8	0.40	5	3



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Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08136314**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Sr	Th	Ti	Ti	U	V	W	Zn
		ppm 1	ppm 20	% 0.01	ppm 10	ppm 10	ppm 1	ppm 10	ppm 2
148253		303	<20	0.01	<10	<10	36	<10	49
148254		365	<20	0.01	<10	<10	30	<10	43
148255		368	<20	0.01	<10	<10	30	<10	43
148256		20	<20	0.07	<10	<10	10	<10	47
148257		234	<20	0.04	<10	<10	35	<10	50
148258		203	<20	0.01	<10	<10	41	<10	66
148259		223	<20	<0.01	<10	<10	20	<10	46
148260		215	<20	<0.01	<10	<10	7	<10	29
148261		221	<20	<0.01	<10	<10	15	<10	58
148262		150	<20	<0.01	<10	<10	14	<10	38
148263		197	<20	<0.01	<10	<10	18	<10	47
148264		243	<20	<0.01	<10	<10	16	<10	48
148265		318	<20	<0.01	<10	<10	9	<10	24
148266		307	<20	0.01	<10	<10	25	<10	52
148267		393	<20	0.01	<10	<10	26	<10	46
148268		309	<20	0.01	<10	<10	25	<10	56
148269		256	<20	0.01	<10	<10	23	<10	52
148270		223	<20	<0.01	<10	<10	16	<10	37
148271		221	<20	0.01	<10	<10	19	<10	46
148272		258	<20	0.01	<10	<10	22	<10	51
148273		13	<20	0.06	<10	<10	9	<10	44
148274		318	<20	0.01	<10	<10	26	<10	57
148275		194	<20	<0.01	<10	<10	9	<10	30
148276		185	<20	<0.01	<10	<10	8	<10	28
148277		178	<20	<0.01	<10	<10	10	<10	27
148278		109	<20	0.05	<10	<10	26	30	76
148279		322	<20	0.01	<10	<10	28	<10	50
148280		350	<20	<0.01	<10	<10	27	<10	54
148281		270	<20	<0.01	<10	<10	19	<10	57
148282		390	<20	<0.01	<10	<10	20	<10	50
148283		236	<20	<0.01	<10	<10	15	<10	119
148284		270	<20	<0.01	<10	<10	11	<10	58
148285		281	<20	<0.01	<10	<10	21	<10	71
148286		305	<20	<0.01	<10	<10	15	<10	67
148287		265	<20	<0.01	<10	<10	14	<10	65





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**CERTIFICATE TR08126073**

Project: Kalum-Burn  
P.O. No.: 08-10/08-11  
This report is for 67 Drill Core samples submitted to our lab in Terrace, BC, Canada on 19-SEP-2008.

The following have access to data associated with this certificate:

MOUNTAIN CAPITAL INC. | CSG | J.W. MURTON

**SAMPLE PREPARATION**

ALS CODE	DESCRIPTION
WEI-21	Received Sample Weight
LOG-22	Sample login - Rcd w/o BarCode
SPL-21d	Split sample - duplicate
PUL-31d	Pulverize Split - duplicate
LOG-24	Pulp Login - Rcd w/o Barcode
CRU-QC	Crushing QC Test
PUL-QC	Pulverizing QC Test
CRU-31	Fine crushing - 70% <2mm
SPL-21	Split sample - riffle splitter
PUL-31	Pulverize split to 85% <75 um

**ANALYTICAL PROCEDURES**

ALS CODE	DESCRIPTION	INSTRUMENT
Au-ICP21	Au 30g FA ICP-AES Finish	ICP-AES
ME-ICP41	35 Element Aqua Regia ICP-AES	ICP-AES

To: MOUNTAIN CAPITAL INC.  
ATTN: J.W. MURTON  
1567 MCNAUGHTON RD  
KELOWNA BC V1Z 2S2

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature:

  
Colin Ramshaw, Vancouver Laboratory Manager



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Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08126073**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
H148107		3.07	0.041	0.3	0.89	86	<10	140	<0.5	<2	1.82	<0.5	17	31	52	3.92
H148108		0.99	0.053	5.2	0.48	57	<10	90	<0.5	<2	1.09	1.6	4	10	530	0.96
H148109		2.66	0.024	0.4	0.66	138	<10	110	<0.5	<2	3.50	0.5	15	16	74	4.10
H148110		2.28	0.047	0.8	0.54	62	<10	90	<0.5	<2	2.00	1.2	9	12	117	2.33
H148111		2.04	0.028	0.7	0.99	52	<10	110	<0.5	<2	1.82	0.7	12	27	101	3.11
H148112		2.03	0.003	<0.2	1.14	14	<10	140	<0.5	<2	1.46	<0.5	15	42	32	3.54
H148113		1.93	0.002	<0.2	0.62	6	<10	120	<0.5	<2	1.17	<0.5	15	32	24	3.36
H148114		1.68	0.003	<0.2	0.92	22	<10	200	0.5	<2	1.44	<0.5	15	35	33	3.69
H148115		2.48	0.004	<0.2	1.22	62	<10	140	0.5	<2	1.77	<0.5	13	43	28	3.59
H148116		3.42	0.134	0.7	0.96	40	<10	130	0.5	4	1.23	9.7	13	29	40	3.65
H148117		2.38	0.006	0.3	0.68	39	<10	110	<0.5	<2	1.34	1.0	9	19	25	2.81
H148118		4.16	0.005	0.2	0.67	69	<10	100	<0.5	<2	1.13	<0.5	12	23	28	2.87
H148119		4.28	0.008	0.4	0.72	32	<10	160	0.5	<2	1.87	0.5	14	35	58	3.73
H148120		2.49	0.013	0.4	0.66	11	<10	90	0.5	<2	2.37	<0.5	7	4	120	3.86
H148121		3.42	0.010	0.6	0.67	11	<10	70	0.5	<2	2.64	0.7	8	2	113	3.94
H148122		4.35	0.028	0.5	0.64	15	<10	70	0.5	<2	3.62	0.5	9	2	130	4.29
H148123		3.24	0.018	1.3	0.64	7	<10	120	0.5	4	2.24	<0.5	14	28	80	4.07
H148124		3.72	0.031	3.2	0.75	22	<10	130	0.5	12	1.77	<0.5	20	29	66	4.69
H148125		0.91	<0.001	<0.2	0.45	<2	<10	80	<0.5	<2	0.21	<0.5	1	11	2	1.29
H148126		2.39	0.202	0.7	0.46	49	<10	80	<0.5	<2	2.69	<0.5	9	21	86	2.64
H148127		0.06	1.975	0.7	1.27	2940	30	30	<0.5	60	6.20	0.5	81	25	160	3.58
H148128		3.33	0.034	0.3	0.52	22	<10	100	<0.5	<2	8.36	<0.5	8	17	9	3.98
H148129		4.75	0.021	0.2	0.63	7	<10	80	0.5	<2	3.47	<0.5	10	6	16	3.71
H148130		<0.02	0.017	<0.2	0.63	9	10	80	0.5	<2	3.29	<0.5	9	6	15	3.44
H148131		2.95	0.074	0.8	0.59	69	<10	80	0.5	4	5.43	<0.5	20	35	24	6.10
H148132		2.93	0.061	0.6	0.50	56	10	90	0.6	<2	1.47	<0.5	17	18	171	3.52
H148133		4.11	0.017	<0.2	0.66	10	10	80	0.5	<2	2.62	<0.5	7	3	43	3.21
H148134		2.86	0.035	<0.2	0.53	5	<10	100	0.5	<2	3.35	<0.5	7	3	15	2.99
H148135		3.33	0.020	0.4	0.47	21	10	70	<0.5	2	2.50	<0.5	6	3	26	2.63
H148136		3.25	0.008	0.3	0.62	11	10	80	0.5	2	1.95	<0.5	6	4	16	2.90
H148137		3.85	0.017	<0.2	1.21	7	10	90	0.5	2	2.83	<0.5	8	5	8	3.09
H148138		3.99	0.003	<0.2	1.14	16	<10	130	<0.5	<2	3.34	<0.5	8	14	45	3.23
H148139		3.15	0.004	<0.2	0.83	5	10	110	<0.5	<2	3.11	<0.5	7	5	32	2.99
H148140		3.71	0.012	<0.2	0.59	7	<10	90	<0.5	<2	3.00	<0.5	8	4	41	2.97
H148141		3.26	0.009	<0.2	0.51	23	<10	90	<0.5	2	8.70	<0.5	8	3	98	3.32
H148142		3.55	0.042	<0.2	0.58	44	<10	140	<0.5	<2	3.45	<0.5	9	3	45	3.65
H148143		3.49	0.004	<0.2	0.47	2	<10	300	<0.5	<2	3.35	<0.5	8	3	65	2.76
H148144		3.37	0.005	<0.2	0.42	7	<10	440	<0.5	<2	3.71	<0.5	8	3	54	2.93
H148145		4.42	0.009	0.2	0.45	3	10	150	<0.5	2	3.41	<0.5	6	2	37	2.73
H148146		3.29	0.015	<0.2	0.43	14	10	80	<0.5	<2	3.32	<0.5	8	3	51	3.10



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**CERTIFICATE OF ANALYSIS TR08126073**

Sample Description	Method	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
	Analyte	Ga	Hg	K	La	Mg	Mn	Mo	Na	Ni	P	Pb	S	Sb	Sc	
Units		ppm	ppm	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	
LOR		10	1	0.01	10	0.01	5	1	0.01	1	10	2	0.01	2	1	
H148107		<10	<1	0.33	10	1.16	857	45	0.02	85	730	7	0.32	7	3	197
H148108		<10	<1	0.29	10	0.35	416	22	0.02	38	510	9	0.34	20	1	85
H148109		<10	<1	0.36	10	1.30	1455	22	0.02	80	740	18	0.60	24	3	304
H148110		<10	<1	0.34	10	0.66	1080	23	0.01	51	690	73	0.80	22	2	134
H148111		<10	<1	0.34	10	0.75	944	52	0.01	56	1320	28	0.59	11	3	138
H148112		<10	<1	0.25	10	0.90	708	16	0.02	70	960	5	0.15	<2	3	159
H148113		<10	<1	0.22	10	0.78	631	19	0.01	66	760	3	0.12	<2	3	144
H148114		<10	<1	0.25	20	0.82	689	16	0.01	71	730	7	0.24	<2	4	171
H148115		<10	<1	0.27	10	1.02	678	37	0.02	70	910	3	0.14	<2	4	215
H148116		<10	<1	0.31	10	0.73	671	24	0.02	63	720	25	0.71	<2	3	147
H148117		<10	<1	0.26	10	0.76	692	21	0.04	47	480	19	0.33	<2	3	139
H148118		<10	<1	0.25	10	0.61	559	27	0.02	58	550	12	0.26	2	2	124
H148119		<10	<1	0.23	10	0.91	639	23	0.02	74	760	15	0.18	2	4	170
H148120		<10	<1	0.18	<10	1.05	958	17	0.05	6	1180	12	1.43	<2	2	261
H148121		<10	<1	0.17	<10	1.14	1365	11	0.04	2	1320	27	1.36	2	3	225
H148122		<10	<1	0.15	<10	1.55	1595	44	0.03	4	1210	16	1.61	2	3	344
H148123		<10	<1	0.26	10	1.16	916	16	0.02	72	480	55	0.32	3	4	185
H148124		<10	<1	0.29	10	1.05	922	26	0.02	100	2090	59	0.64	5	5	167
H148125		<10	<1	0.21	10	0.21	289	<1	0.06	<1	300	<2	0.01	<2	1	16
H148126		<10	<1	0.21	<10	0.92	816	68	0.01	42	650	14	0.73	3	2	241
H148127		<10	<1	0.06	10	0.33	1055	9	0.08	28	1060	12	0.58	7	2	111
H148128		<10	<1	0.20	<10	2.40	1690	35	0.02	36	690	10	1.27	8	4	667
H148129		<10	<1	0.22	10	1.35	1360	<1	0.02	12	1720	8	0.58	<2	4	265
H148130		<10	<1	0.22	10	1.27	1290	2	<0.01	15	1640	9	0.51	<2	4	248
H148131		<10	<1	0.18	<10	2.39	1880	46	<0.01	113	1110	32	1.55	<2	7	459
H148132		<10	<1	0.27	10	0.77	1220	49	<0.01	86	1030	19	1.04	<2	3	160
H148133		<10	<1	0.23	10	1.17	1040	1	<0.01	7	1500	11	0.36	<2	3	216
H148134		<10	<1	0.16	10	1.31	1190	1	<0.01	5	1500	6	0.17	<2	3	221
H148135		<10	<1	0.23	10	1.06	1130	1	<0.01	5	1500	14	0.72	<2	2	177
H148136		<10	<1	0.21	10	0.85	904	1	0.01	5	1500	10	0.29	<2	3	164
H148137		<10	<1	0.17	10	0.78	755	1	0.01	5	1380	5	0.29	<2	3	264
H148138		<10	<1	0.13	10	1.02	793	1	0.02	9	1290	5	0.39	<2	3	313
H148139		<10	<1	0.17	10	0.82	775	1	0.02	4	1230	4	0.41	<2	3	266
H148140		<10	<1	0.17	10	0.95	829	1	0.01	4	1310	4	0.48	<2	3	224
H148141		<10	<1	0.18	10	2.20	1250	1	<0.01	8	1030	6	1.20	2	2	633
H148142		<10	<1	0.17	10	1.18	956	3	0.01	5	1220	6	1.36	<2	3	212
H148143		<10	<1	0.19	10	0.94	822	1	0.01	4	1280	3	0.60	<2	2	244
H148144		<10	<1	0.19	10	1.03	831	<1	<0.01	4	1250	3	0.66	<2	2	251
H148145		<10	<1	0.21	10	0.88	833	<1	0.01	3	1250	6	0.51	<2	2	230
H148146		<10	<1	0.22	10	0.91	815	1	0.01	3	1280	7	1.07	4	2	272



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Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08126073**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Th	Ti	Ti	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm
H148107		<20	<0.01	<10	<10	27	<10	72
H148108		<20	<0.01	<10	<10	9	<10	93
H148109		<20	<0.01	<10	<10	22	<10	62
H148110		<20	<0.01	<10	<10	10	<10	63
H148111		<20	<0.01	<10	<10	23	<10	58
H148112		<20	<0.01	<10	<10	32	<10	69
H148113		<20	<0.01	<10	<10	31	<10	69
H148114		<20	<0.01	<10	<10	33	<10	69
H148115		<20	<0.01	<10	<10	36	<10	61
H148116		<20	<0.01	<10	<10	27	<10	347
H148117		<20	<0.01	<10	<10	22	<10	83
H148118		<20	<0.01	<10	<10	20	<10	73
H148119		<20	<0.01	<10	<10	33	<10	100
H148120		<20	<0.01	<10	<10	17	<10	69
H148121		<20	<0.01	<10	<10	19	<10	98
H148122		<20	<0.01	<10	<10	17	<10	107
H148123		<20	<0.01	<10	<10	36	<10	80
H148124		<20	<0.01	<10	<10	43	<10	88
H148125		<20	0.07	<10	<10	13	<10	50
H148126		<20	<0.01	<10	<10	17	<10	50
H148127		<20	0.06	<10	<10	27	30	74
H148128		<20	<0.01	<10	<10	25	<10	43
H148129		<20	<0.01	<10	<10	23	<10	55
H148130		<20	<0.01	<10	<10	23	<10	52
H148131		<20	<0.01	<10	<10	53	<10	106
H148132		<20	<0.01	<10	<10	24	<10	56
H148133		<20	<0.01	<10	<10	20	<10	59
H148134		<20	<0.01	<10	<10	17	<10	56
H148135		<20	<0.01	<10	<10	12	<10	54
H148136		<20	<0.01	<10	<10	19	<10	61
H148137		<20	<0.01	<10	<10	25	<10	68
H148138		<20	0.01	<10	<10	32	<10	51
H148139		<20	<0.01	<10	<10	20	<10	51
H148140		<20	<0.01	<10	<10	17	<10	53
H148141		<20	<0.01	<10	<10	15	<10	32
H148142		<20	<0.01	<10	<10	16	<10	57
H148143		<20	<0.01	<10	<10	11	<10	62
H148144		<20	<0.01	<10	<10	10	<10	63
H148145		<20	<0.01	<10	<10	9	<10	96
H148146		<20	<0.01	<10	<10	10	<10	61



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**CERTIFICATE OF ANALYSIS TR08126073**

Sample Description	Method Analyte Units LOR	WEI-21	Au-ICP21	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Recvd Wt.	Au ppm	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %
H148147		4.25	0.051	0.6	0.44	31	10	70	<0.5	<2	3.18	<0.5	9	3	108	3.37
H148148		1.80	0.003	<0.2	2.82	28	<10	120	0.5	<2	0.45	<0.5	20	82	56	5.20
H148149		3.89	0.025	<0.2	0.92	15	<10	130	<0.5	2	3.04	<0.5	10	16	23	3.39
H148150		2.89	0.013	0.3	1.32	10	<10	140	<0.5	<2	3.23	<0.5	9	14	23	3.28
H148151		3.62	0.167	<0.2	1.77	6	<10	150	<0.5	2	2.97	<0.5	9	25	15	3.39
H148152		2.87	0.659	1.7	0.80	23	10	110	<0.5	5	4.05	<0.5	9	8	55	3.37
H148153		4.16	0.004	<0.2	1.30	6	<10	150	<0.5	<2	3.05	1.2	10	14	20	3.43
H148154		3.28	0.146	0.3	0.78	33	<10	90	<0.5	<2	3.43	<0.5	10	7	34	3.72
H148155		4.01	0.008	0.2	0.73	81	<10	100	<0.5	<2	3.36	<0.5	9	8	50	3.48
H148156		4.49	0.006	0.2	0.93	69	<10	110	<0.5	2	3.30	<0.5	9	12	29	3.41
H148157		2.56	4.55	5.1	0.76	61	<10	100	<0.5	17	4.30	4.4	8	11	33	4.06
H148158		3.70	0.011	<0.2	1.21	9	<10	110	<0.5	<2	3.27	<0.5	9	16	22	3.37
H148159		2.77	0.005	<0.2	1.15	22	<10	80	<0.5	<2	3.10	<0.5	11	22	37	3.59
H148160		0.06	1.930	0.4	1.18	2850	40	30	<0.5	59	5.76	<0.5	77	24	149	3.34
H148161		3.39	0.008	<0.2	0.75	114	<10	130	0.5	<2	1.07	<0.5	19	27	55	4.94
H148162		2.91	0.017	0.3	1.30	107	<10	90	<0.5	<2	1.01	<0.5	19	37	54	4.50
H148163		0.88	<0.001	<0.2	0.40	<2	<10	60	<0.5	<2	0.19	<0.5	1	10	2	1.26
H148164		1.44	0.014	0.3	0.37	14	<10	60	<0.5	<2	5.07	<0.5	6	5	25	3.41
H148165		2.47	0.016	0.2	0.53	14	10	70	<0.5	<2	3.39	<0.5	9	5	58	3.24
H148166		1.42	0.026	0.3	0.44	30	10	70	<0.5	<2	4.09	<0.5	7	4	55	2.86
H148167		<0.02	0.037	0.3	0.47	34	10	80	<0.5	<2	4.15	<0.5	7	4	55	2.91
H148168		4.49	0.020	<0.2	0.83	11	10	80	<0.5	<2	3.43	<0.5	9	7	25	3.23
H148169		3.44	0.506	<0.2	0.87	40	<10	90	<0.5	<2	3.51	<0.5	10	8	45	3.33
H148170		2.44	0.004	<0.2	1.14	9	<10	100	<0.5	<2	3.24	<0.5	9	9	18	3.36
H148171		3.86	0.905	0.6	0.66	56	<10	80	<0.5	<2	3.43	<0.5	8	5	33	3.43
H148172		3.23	0.014	<0.2	0.87	13	10	120	<0.5	<2	3.26	<0.5	9	6	29	3.24
H148009		1.42	<0.001	0.2	1.34	4	<10	200	<0.5	2	0.79	<0.5	7	8	114	3.66



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Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	
		Ga ppm 10	Hg ppm 1	K % 0.01	La ppm 10	Mg % 0.01	Mn ppm 5	Mo ppm 1	Na % 0.01	Ni ppm 1	P ppm 10	Pb ppm 2	S % 0.01	Sb ppm 2	Sc ppm 1	Sr ppm 1
H148147		<10	<1	0.22	10	0.89	788	4	0.02	11	1370	10	1.28	13	2	266
H148148		10	<1	0.24	20	1.40	546	2	<0.01	104	1000	7	0.23	<2	3	30
H148149		<10	<1	0.16	10	1.24	1170	<1	0.02	12	1330	8	0.41	<2	5	198
H148150		<10	<1	0.16	10	1.20	1120	<1	0.02	10	1360	39	0.37	<2	4	221
H148151		<10	<1	0.13	10	1.26	1060	<1	0.02	12	1380	8	0.31	<2	5	209
H148152		<10	<1	0.23	10	1.21	1280	1	0.01	9	1350	109	0.66	2	3	299
H148153		<10	<1	0.14	10	1.19	897	<1	0.03	8	1380	8	0.35	<2	5	223
H148154		<10	<1	0.21	10	1.22	1080	1	0.01	10	1410	20	0.94	6	4	243
H148155		<10	<1	0.17	10	1.22	1010	1	0.01	9	1430	22	0.49	4	5	249
H148156		<10	<1	0.16	10	1.18	997	<1	0.02	10	1410	9	0.36	<2	4	242
H148157		<10	<1	0.17	10	1.22	1520	<1	0.01	9	1240	156	1.71	3	4	358
H148158		<10	<1	0.14	10	1.28	969	<1	0.03	11	1360	7	0.32	<2	5	213
H148159		<10	<1	0.16	10	1.33	879	3	0.03	16	1270	7	0.45	<2	5	176
H148160		<10	<1	0.06	10	0.31	981	9	0.05	29	1040	14	0.56	6	2	105
H148161		<10	<1	0.28	10	1.29	559	1	0.02	101	1320	10	0.24	9	3	120
H148162		<10	<1	0.21	10	0.94	564	4	<0.01	90	920	6	0.39	6	3	95
H148163		<10	<1	0.18	10	0.19	265	1	0.03	1	290	<2	<0.01	<2	1	12
H148164		<10	<1	0.19	10	1.45	1230	<1	<0.01	14	1040	41	0.27	<2	3	386
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H148009		<10	<1	0.18	10	0.85	513	16	0.05	4	1410	6	0.73	<2	4	48



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Page: 3 - C  
 Total # Pages: 3 (A - C)  
 Finalized Date: 17-OCT-2008  
 Account: MOUCAP

Project: Kalum-Burn

**CERTIFICATE OF ANALYSIS TR08126073**

Sample Description	Method Analyte Units LOR	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41	ME-ICP41
		Th	Ti	Ti	U	V	W	Zn
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H148009		<20	0.08	<10	<10	52	10	54

## **APPENDIX 5**



**LOGISTICS REPORT**  
**FOR**  
**MOUNTAIN CAPITAL INC.**

**3D INDUCED POLARIZATION**  
**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.**  
**AUGUST 2008**

**REPORT WRITTEN BY**  
**CHARLOTTE THIBAUD**  
**S.J.V. CONSULTANTS LTD.**  
**OCTOBER 2008**

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## **1. Introduction**

Three-dimensional induced polarization (3D IP) were conducted on the Kalum property for Mountain Capital Inc. The ground geophysical program, totaling 4.1km of 3D IP, was surveyed by SJ Geophysics Ltd. from August 20 to 23, 2008. The property is located 30km north of Terrace, British Columbia, in the northeast region of the Skeena Mining district, central BC. Initial data processing and some quality control were performed on site by the field crew. The final QC and inversion were completed by S.J.V. Consultants Ltd.

The Kalum property “is centered on a irregularly shaped intrusive suite of the Coast Crystalline Complex that has surface dimensions of approximately 8 by 12km. This intrusive complex and many associated smaller intrusions were emplaced into Upper Jurassic to Lower Cretaceous Bowser Lake Groups sedimentary and volcanic rocks”. This region has been extensively explored since 1919 with soil sampling, magnetic and electromagnetic survey and diamond drill programs. The 2004 and 2005 drilling programs revealed encouraging results. The 2008 3D IP survey was designed to determine the extent of the target in advance of potential geophysically-based drilling.

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

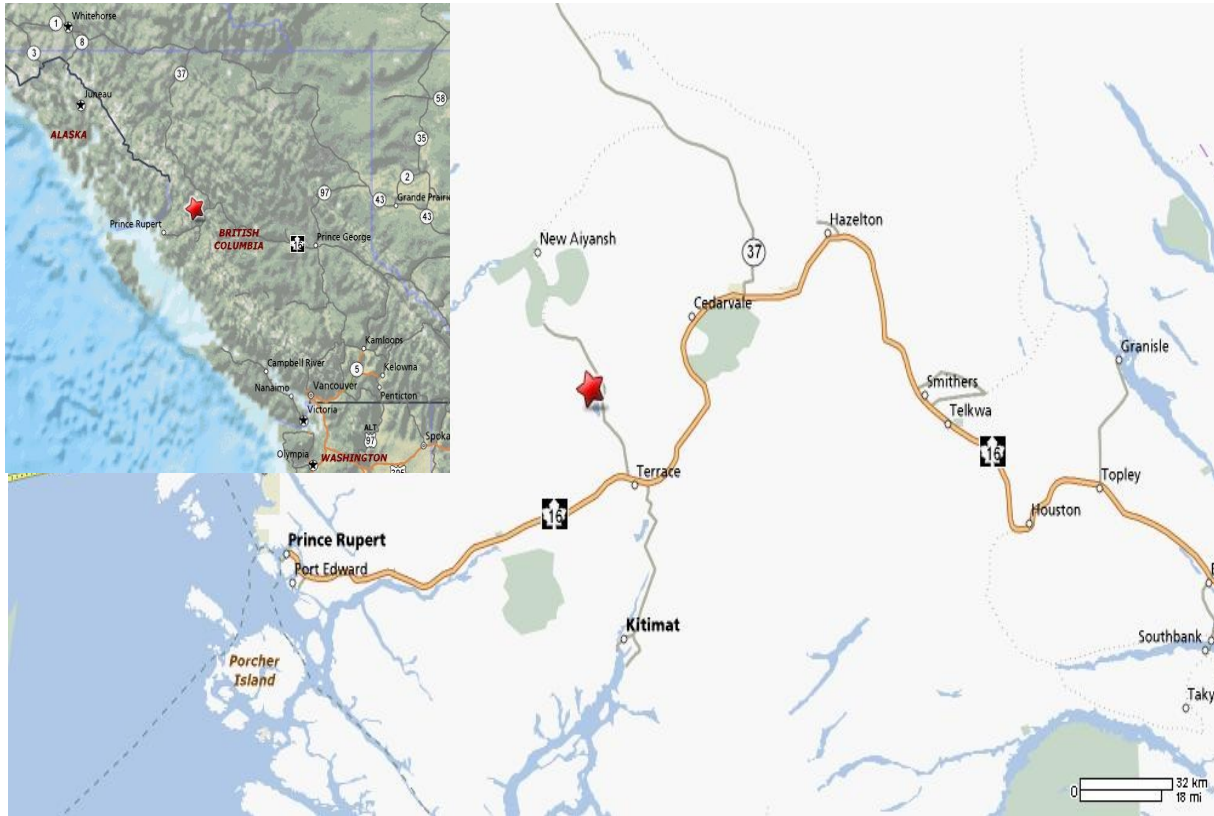


Figure 1: Regional Map of Central British Columbia.

The Red Star shows the location of the Kalum Property near Terrace (base map from [www.mapquest.com](http://www.mapquest.com)).

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

The survey grid covered an area approximately 2.8 by 2.3km in size. The 5 east-west trending cross lines were 200m apart and labeled L3250N to L3450N (see Figure 2). The lines varied in length from 0.8 to 0.9km with stations marked from -300E to 600E. Stations were marked at 25m intervals and the line were clearly cut even if they were not cut straight, in particular lines 3300 and 3350N which western ends were only distant by 14m .

Gentle elevation changes were found on the grid with topographic relief of approximately 100m. Some areas of the grid itself hosted some small thick bushes but the surrounding bushes were thick and hosted devil's club, causing trouble to find a location for the remotes.

The weather during the survey was mostly cloudy with heavy rain during two of the four days of the 3DIP measurement.

The lines were put in by a line cutting crew contracted by Mountain Capital Inc. The SJ Geophysics Ltd. crew recorded locations using hand-held GPS units and inclinometer on all lines. The accuracy of the GPS measurements was  $\pm 5\text{m}$  for most of the readings, however, these accuracy decreased in some areas of the grid covered of thick bushes. All locations were defined in the UTM, Zone 9 projection with a datum of WGS84.

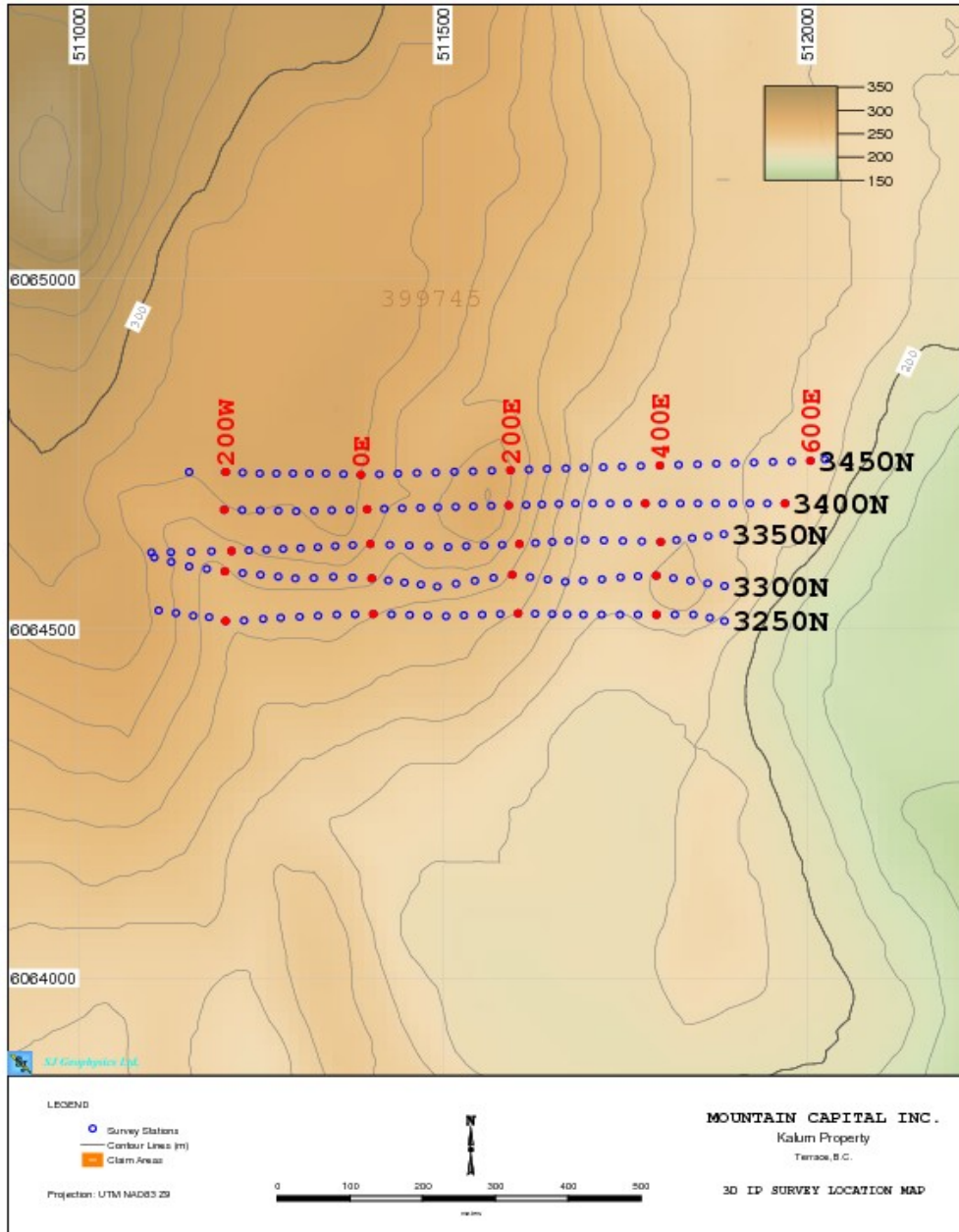


Figure 2: Kalum grid survey map

### **3. Field work and instrumentation**

#### **3.1. Field logistics**

The SJ Geophysics Ltd. crew consisted of 5 SJ Geophysics Ltd. employees during the time of the survey. The initial crew consisted of Sean Suttie (operator), John Wilkinson (logistics), Morgan Bezembinder, William James and Ross Li. Crew meals and accommodations were provided by the client at the Rainbow Inn located in the suburbs of Terrace along Highway 16.

Sean, John, Morgan and Ross drove from a previous survey located in Kitsault to Smithers where they picked up Will coming from another survey to eventually arrive in Terrace on August 18<sup>th</sup>.

The same day, the crew explored the site with the client, and dropped some spools of wire to be used on the following day. The next day was dedicated to the layout of the mother lines and the remotes. IP measurements began on the 20<sup>th</sup> with crew working from south to north. The 3D IP survey was abandoned on August 23 because of road flooding. The crew demobilized the following day.

Appendix C summarizes the field production on each grid for the duration of the survey.

The main issues encountered during the survey were the pouring rain and occasional burnouts in the wires, mostly caused by wild animals.

#### **3.2. Survey parameters and instrumentation**

For the IP component of the survey, a modified pole-dipole 3D-IP configuration array was used with between 12 and 16 dipoles. The dipole array was implemented using standard 8-pin conductor cables configured with potential electrodes spaced 50m apart. Some measurements were also taken with 25m and 75m dipoles. For the potential line, the electrodes consisted of 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 a GDD 3.6kW transmitter. At each current station, the electrodes consisted of 5/8" stainless steel rods approximately 1m long. Current injections were spaced every 25m without offset when surveying the adjacent receiver line. Two remote sites were used, in equivalent local coordinates, at approximately station -200E on L3451N (East Remote) and station 600E L3451N

(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.

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 D summarizes the specifications of the instruments used in the field.

## **4. Geophysical techniques**

### **4.1. 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.

### **4.2. 3D IP 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.

Charlotte Thibaud.,  
M.Sc (Geophysics)., B.Sc. (Geosciences) , S.J.V. Consultants Ltd.



## **Appendix A: Statement of qualifications (Charlotte Thibaud)**

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

1. I graduated from the Ecole et Observatoire des Sciences de la Terre de Strasbourg I, France, in 2007.
2. I have been working in the mineral exploration industry since 2007.
3. I have no interest in Mountain Capital Inc. or in any property within the scope of this report, nor do I expect to received any.

Signed by: \_\_\_\_\_ on \_\_\_\_\_

Charlotte Thibaud

M.Sc (Geophysics)., B.Sc. (Geosciences) , S.J.V. Consultants Ltd.

## Appendix B: Survey summary tables

### 3D IP

Line	Start station	End station	Survey length (m)	Line type	Rx survey date(s)
3250N	-300E	500E	800	Tx	
3300N	-300E	500E	800	Rx	August 20-21, 2008
3350N	-300E	600E	900	Tx	
3400N	-200E	600E	800	Rx	August 22-23, 2008
3450N	-300E	500E	800	Tx	

*Total linear meters = 4100*

## Appendix C: Instrument specifications

### ***SJ-24 full waveform digital IP receiver***

#### **Technical:**

Input impedance:	10 M $\Omega$
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 $R_s = 0$ )
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 $\mu$ V – 10 V (24 bit) Resolution: 1 $\mu$ V Accuracy: typically <1.0%
Chargeability:	Resolution: 1 $\mu$ V/V Accuracy: typically <1.0%

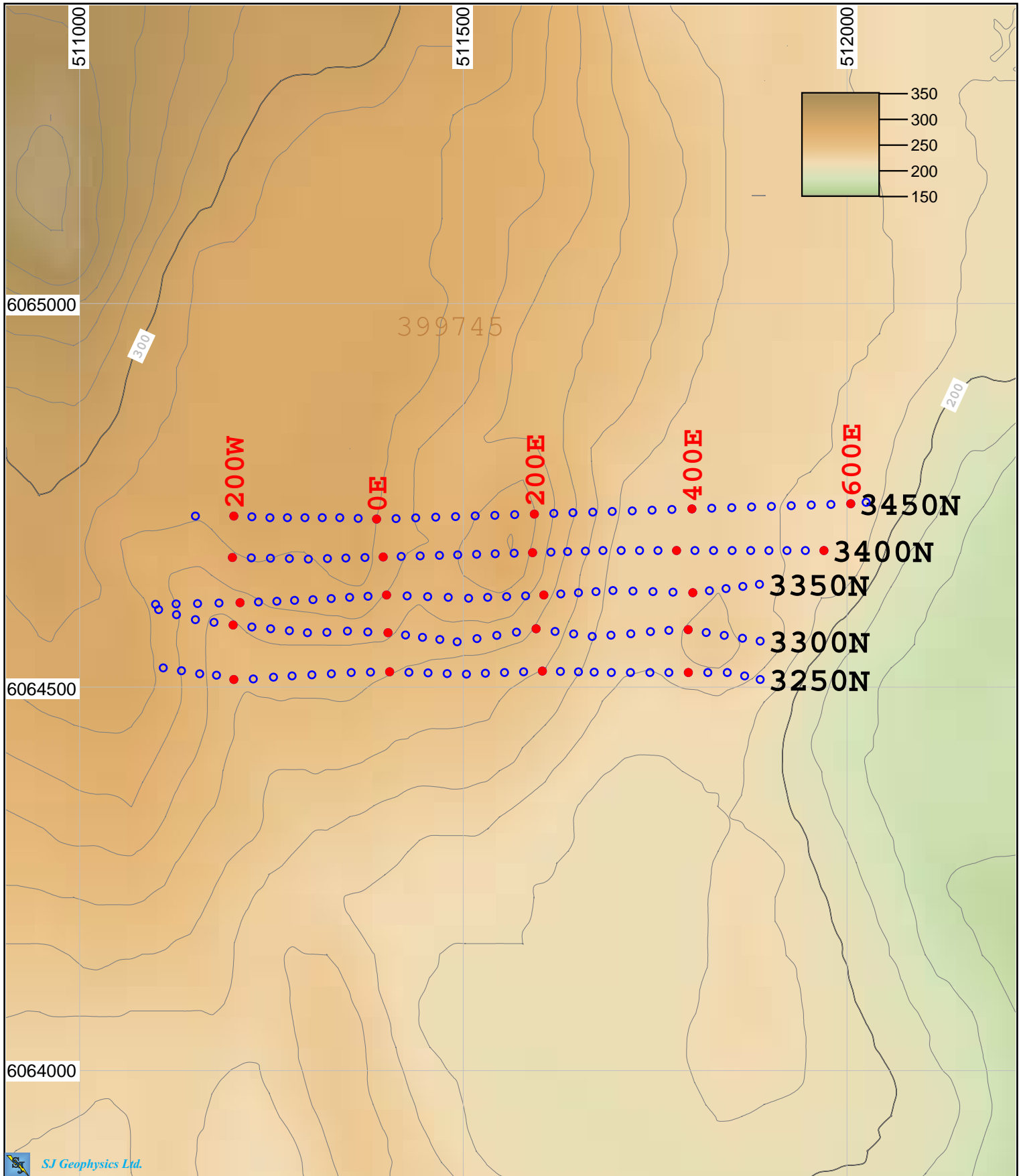
#### **Four-dipole digitizer:**

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

### ***GDD Tx II IP Transmitter***




Input voltage:	120V / 60 Hz or 240V / 50Hz (optional)
Output power:	3.6 kW maximum.
Output voltage:	150 to 2200 V
Output current:	5 mA to 10 A
Time domain:	1, 2, 4, 8 second on/off cycle.
Operating temp. range:	-40° to +65° C
Display:	Digital LCD read to 0.001 A
Dimensions (h w d):	34 x 21 x 39 cm
Weight:	20 kg.

## ***Appendix D: Maps***



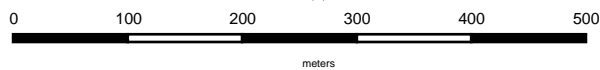
 SJ Geophysics Ltd.

LEGEND

-  Survey Stations
-  Contour Lines (m)
-  Claim Areas

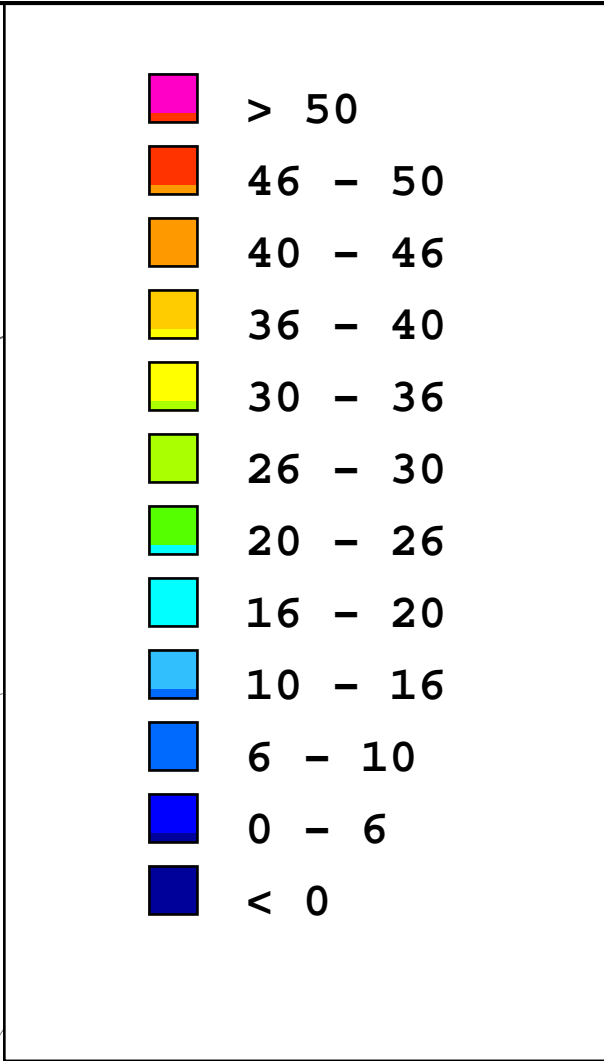
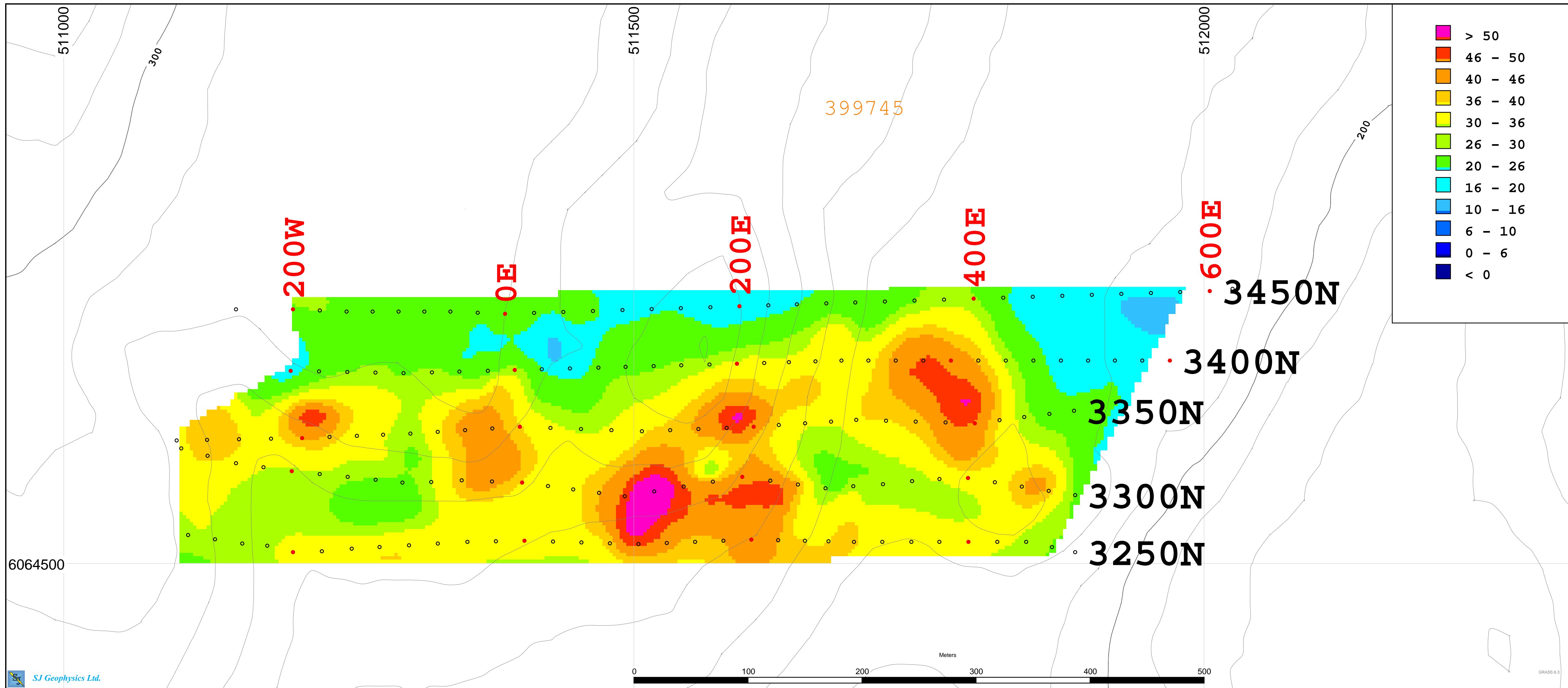


Projection: UTM NAD83 Z9



**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.

3D IP SURVEY LOCATION MAP



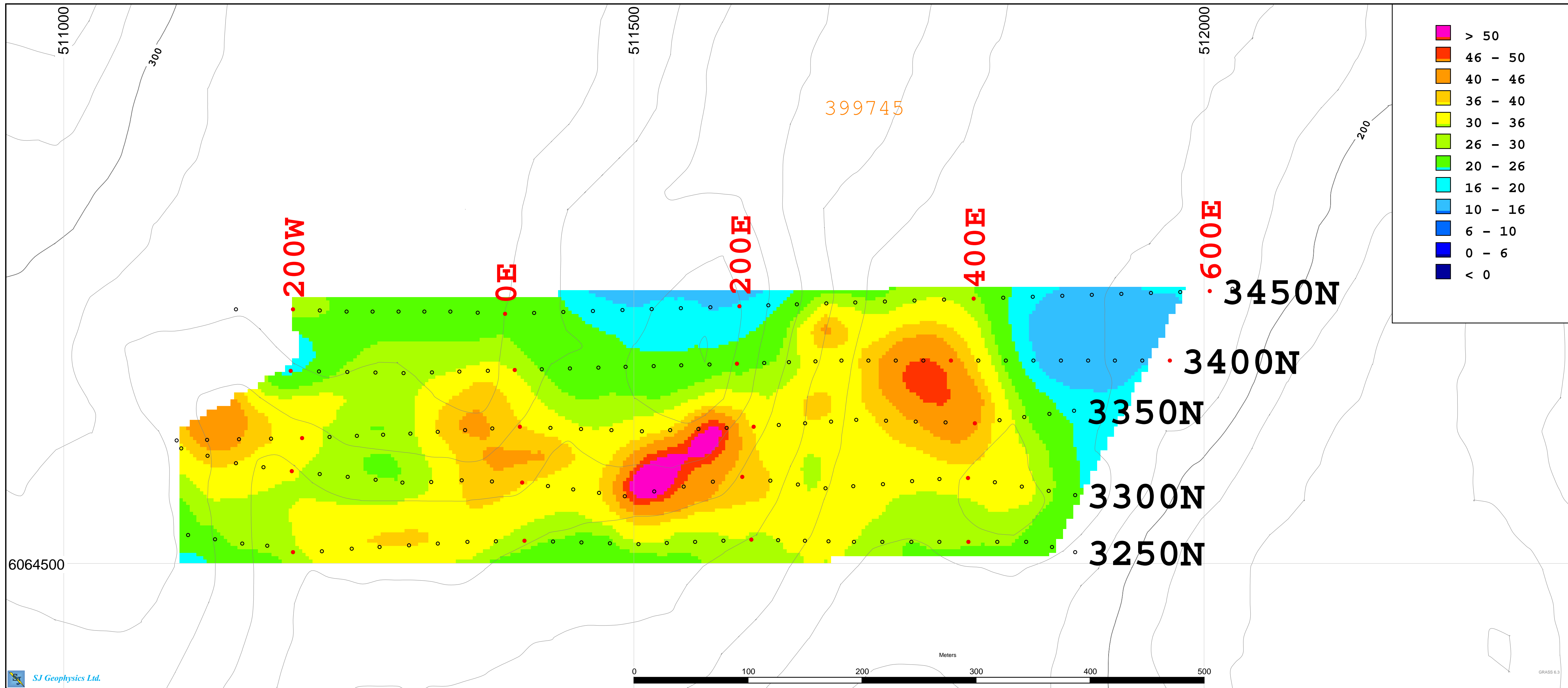
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 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Chargeability (ms)  
 False Color Contour Map  
 Depth 25m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



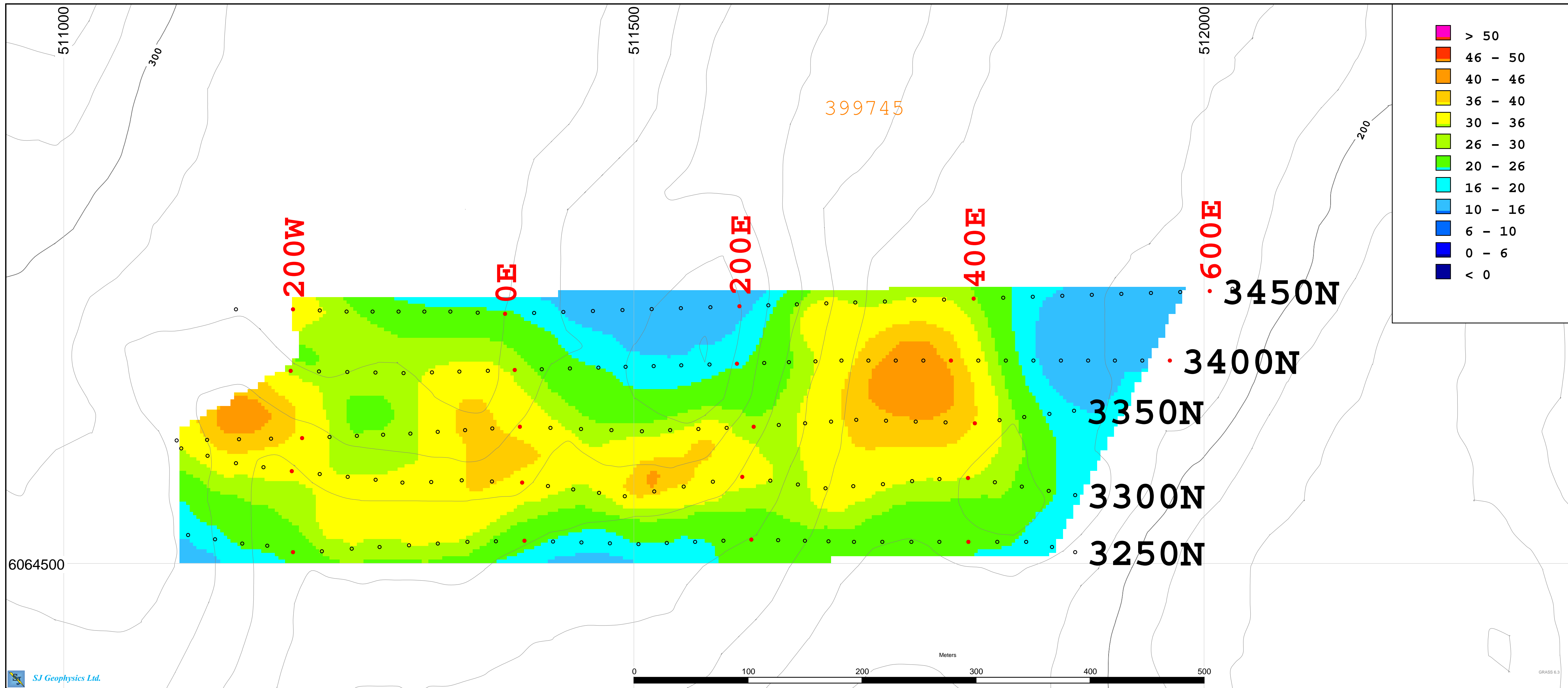
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**INSTRUMENTATION**  
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 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Chargeability (ms)  
 False Color Contour Map  
 Depth 50m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



Survey Information  
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 INSTRUMENTATION  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
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 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

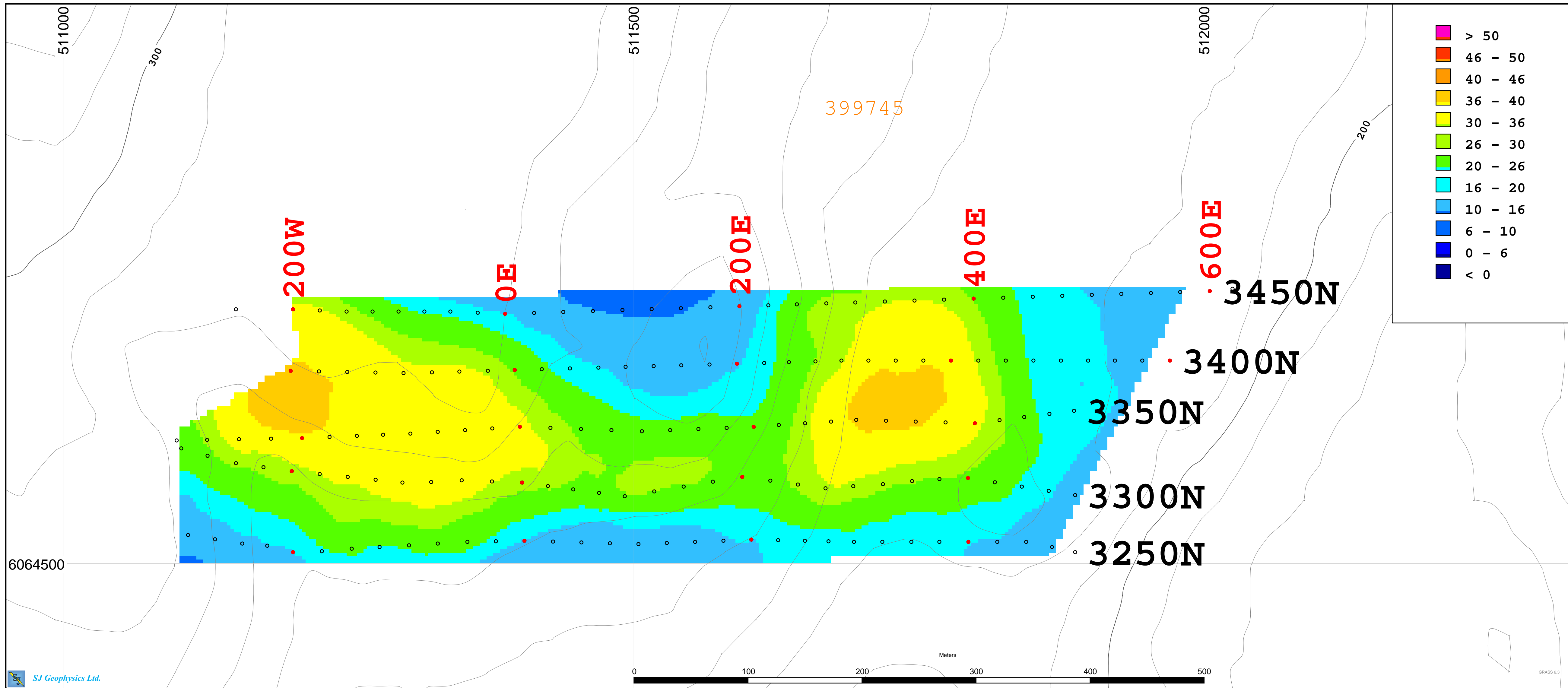
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 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Chargeability (ms)  
 False Color Contour Map  
 Depth 75m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.





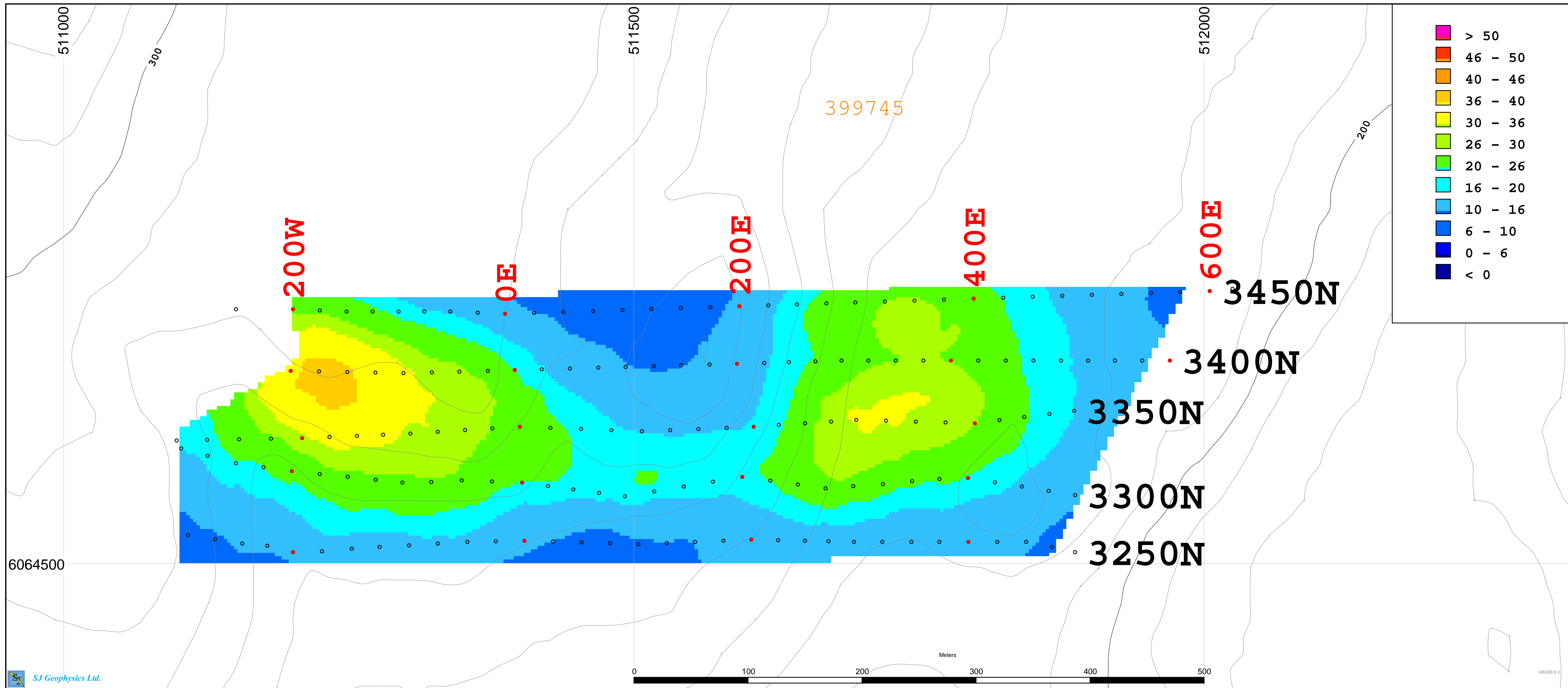
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 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Chargeability (ms)  
 False Color Contour Map  
 Depth 100m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



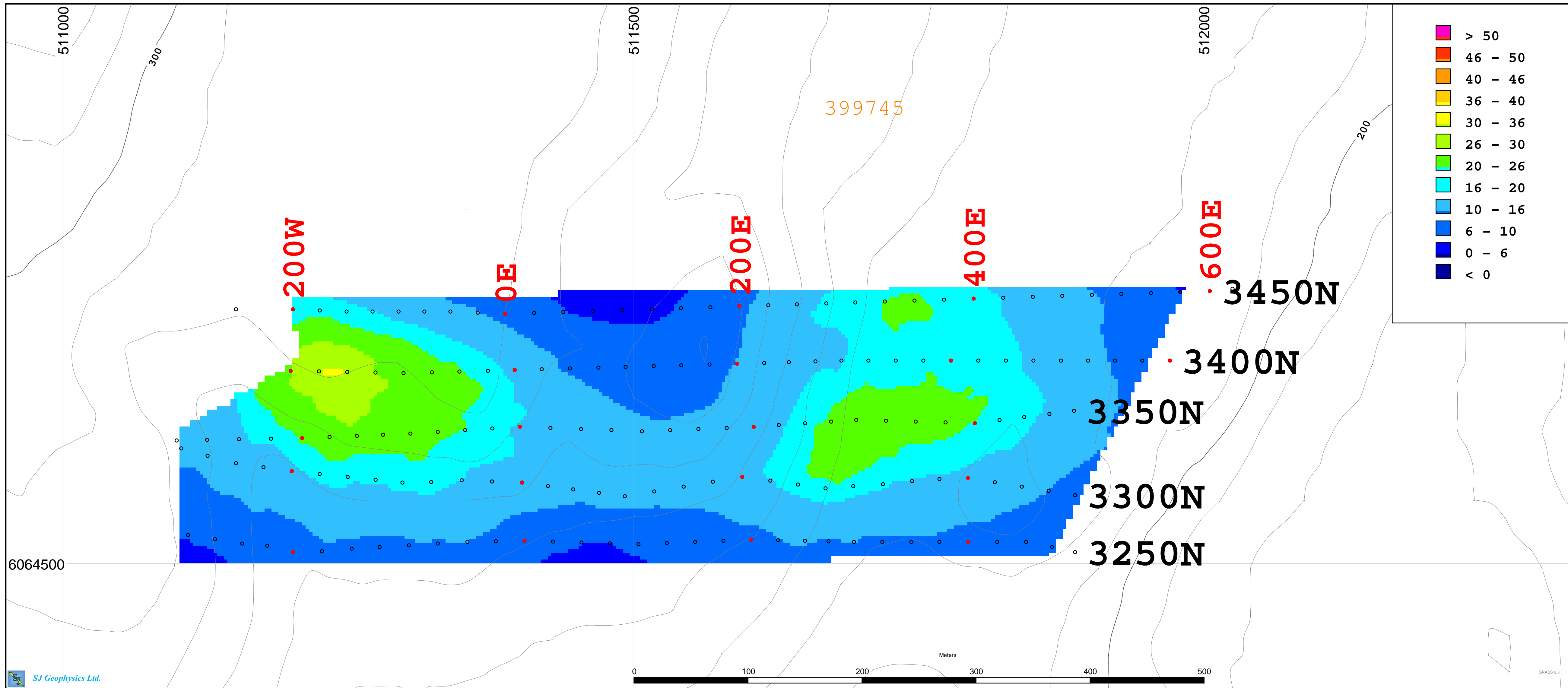
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 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Chargeability (ms)  
 False Color Contour Map  
 Depth 125m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



SJ Geophysics Ltd.

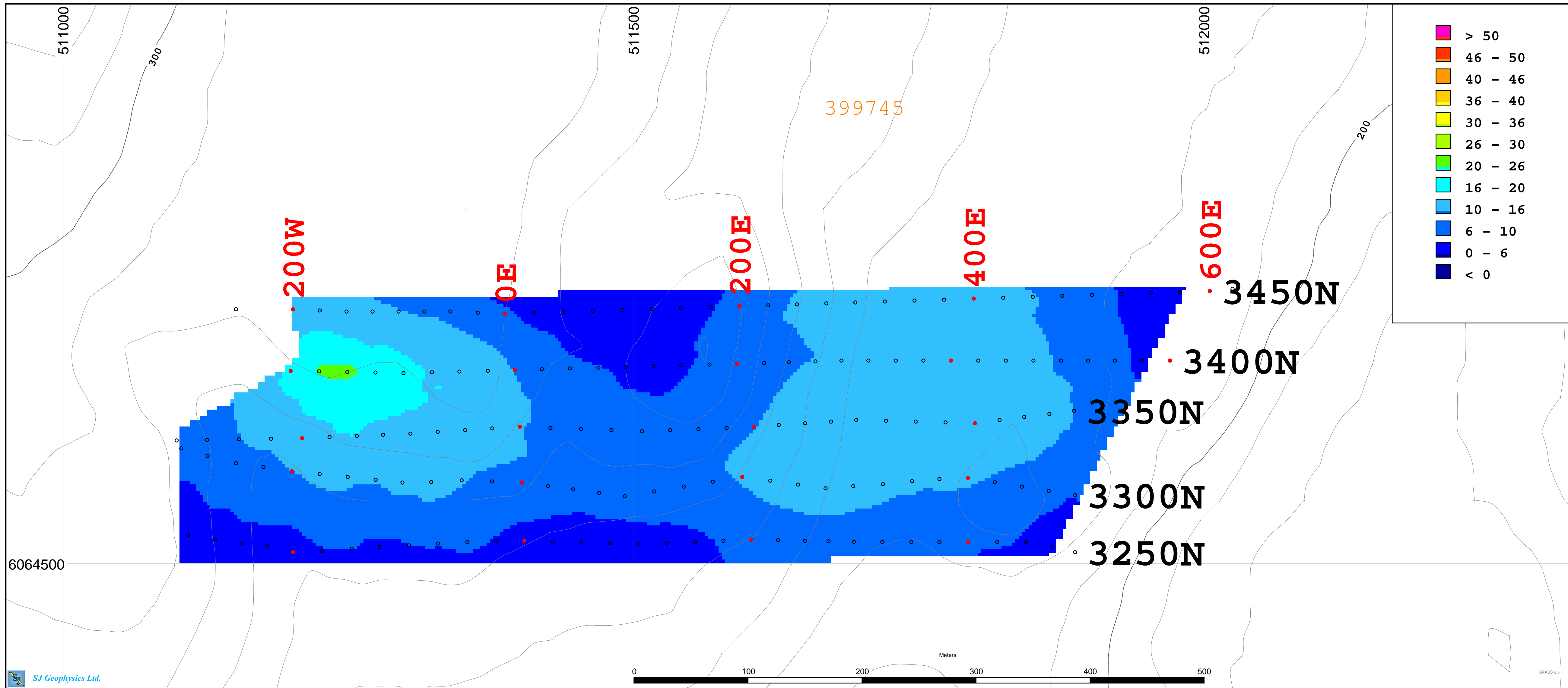
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 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Chargeability (ms)  
 False Color Contour Map  
 Depth 150m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



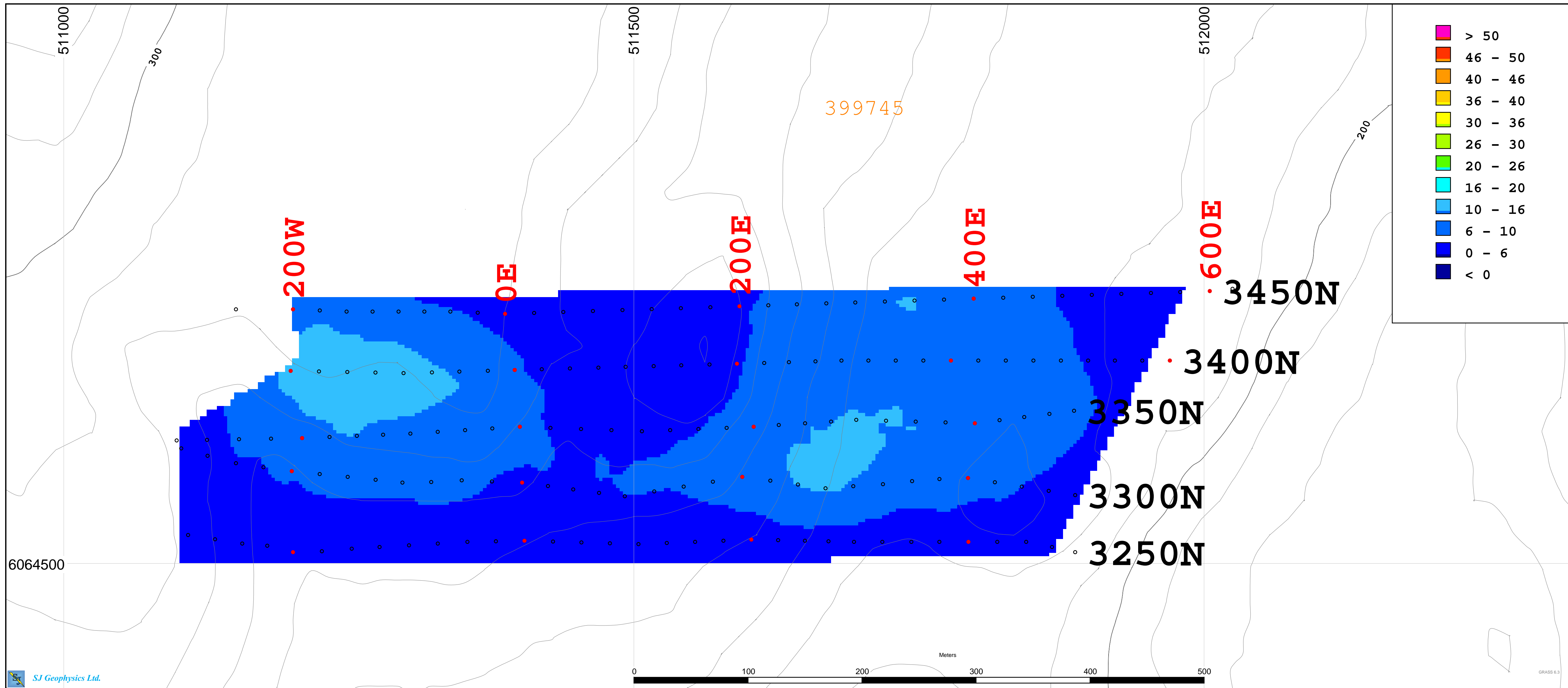
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 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Chargeability (ms)  
 False Color Contour Map  
 Depth 175m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



SJ Geophysics Ltd.

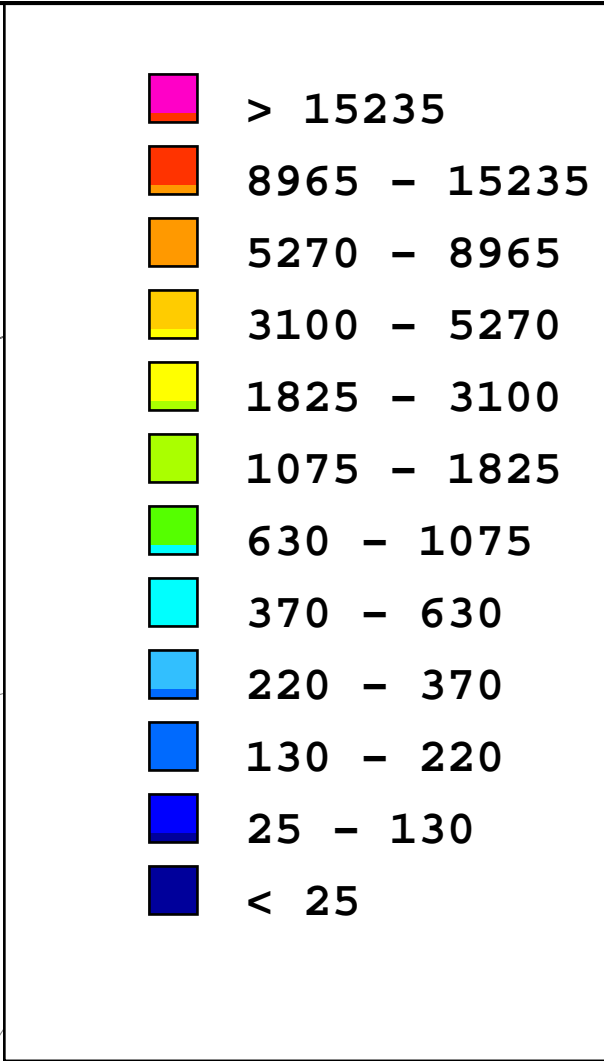
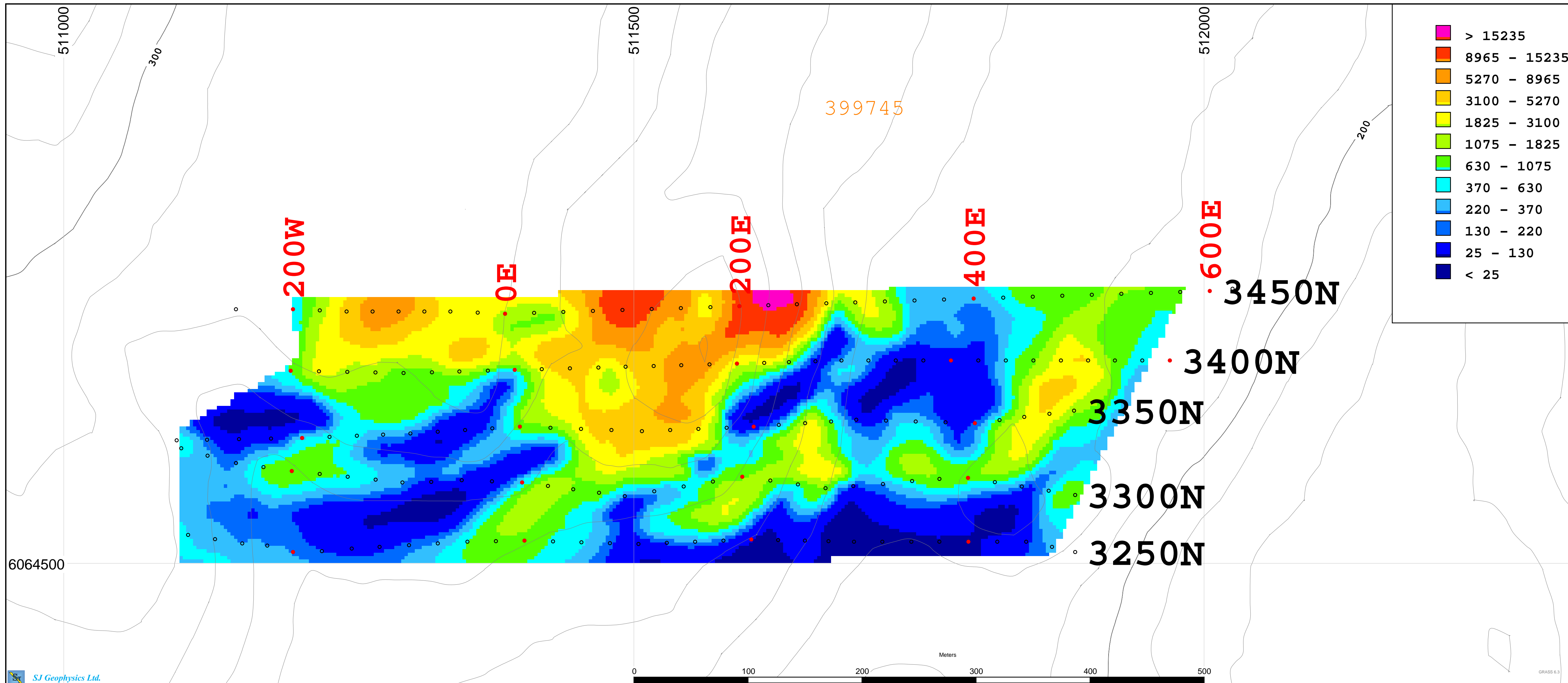
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 TRANSMITTER: GDD TX II  
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 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Chargeability (ms)  
 False Color Contour Map  
 Depth 200m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



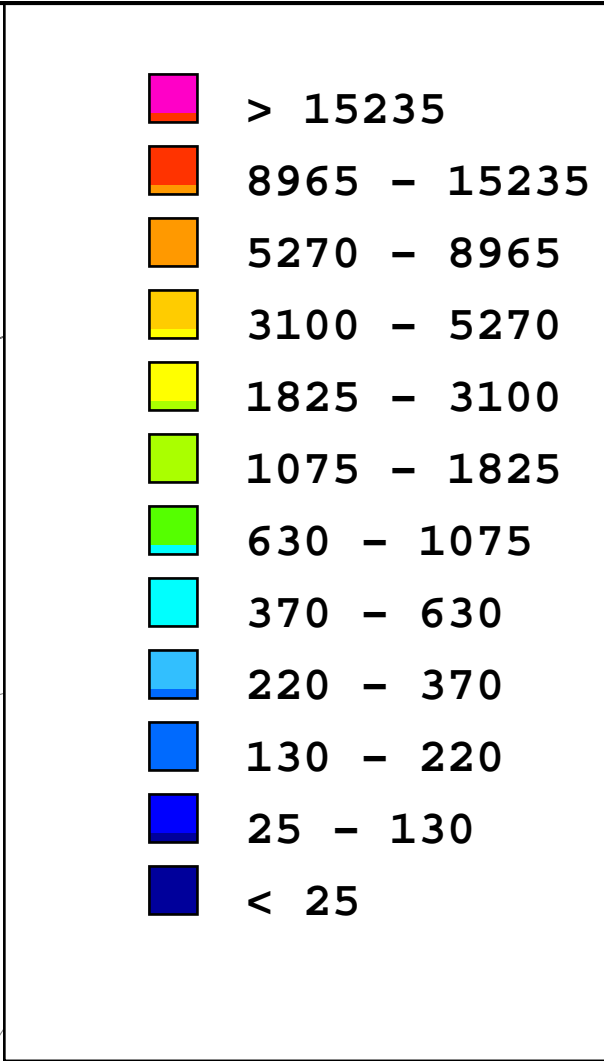
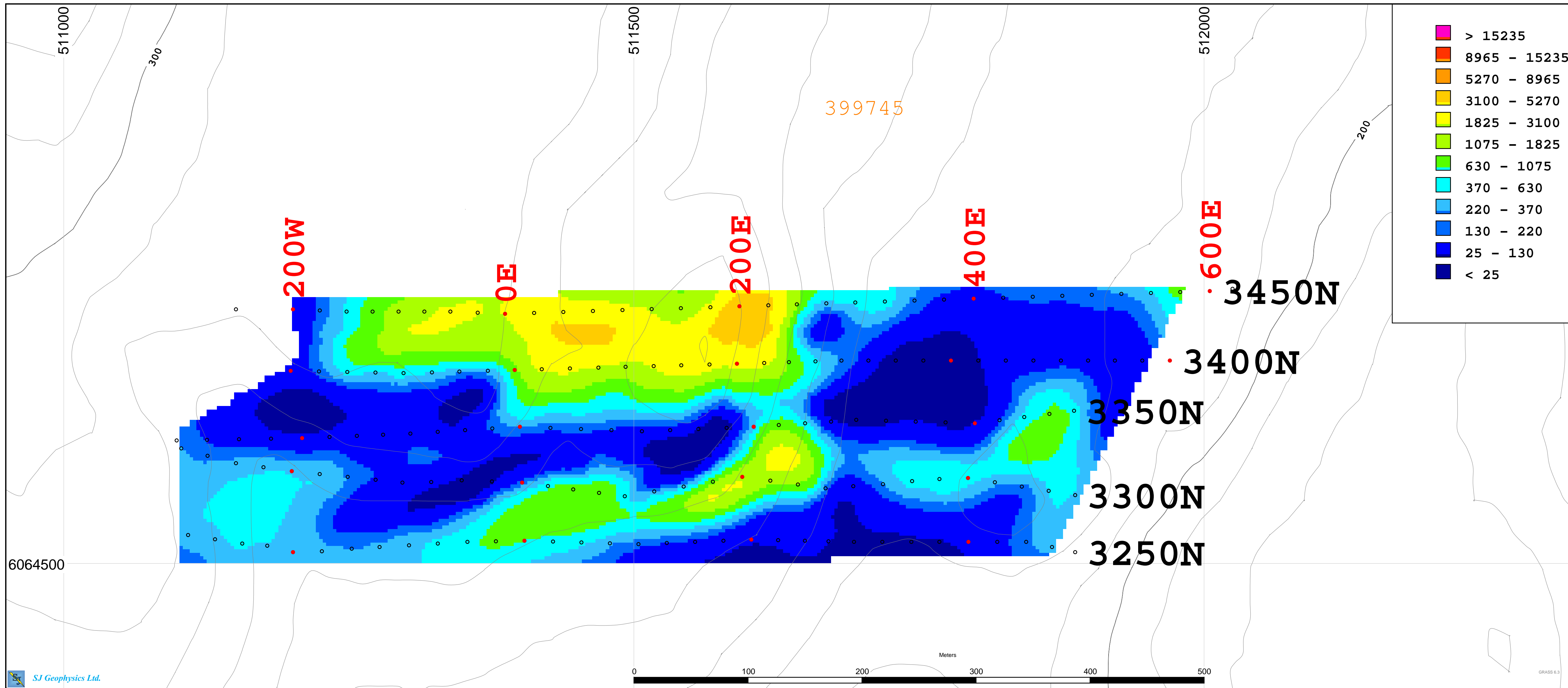
Survey Information  
 3D IP Array : N=12-16 a=25m-75m  
 INSTRUMENTATION  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Resistivity (Ohm-m)  
 False Color Contour Map  
 Depth 25m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



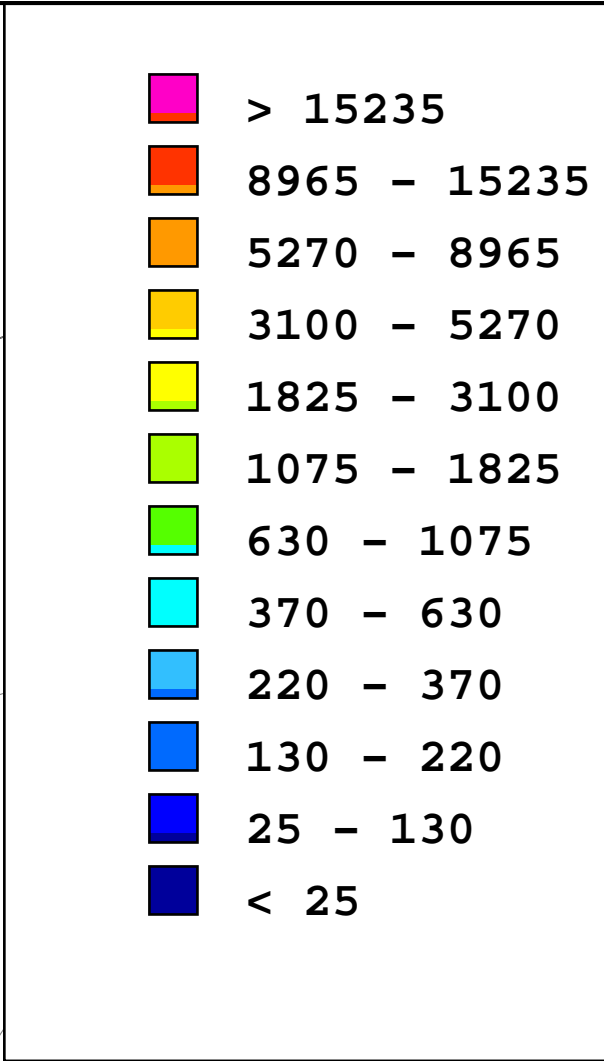
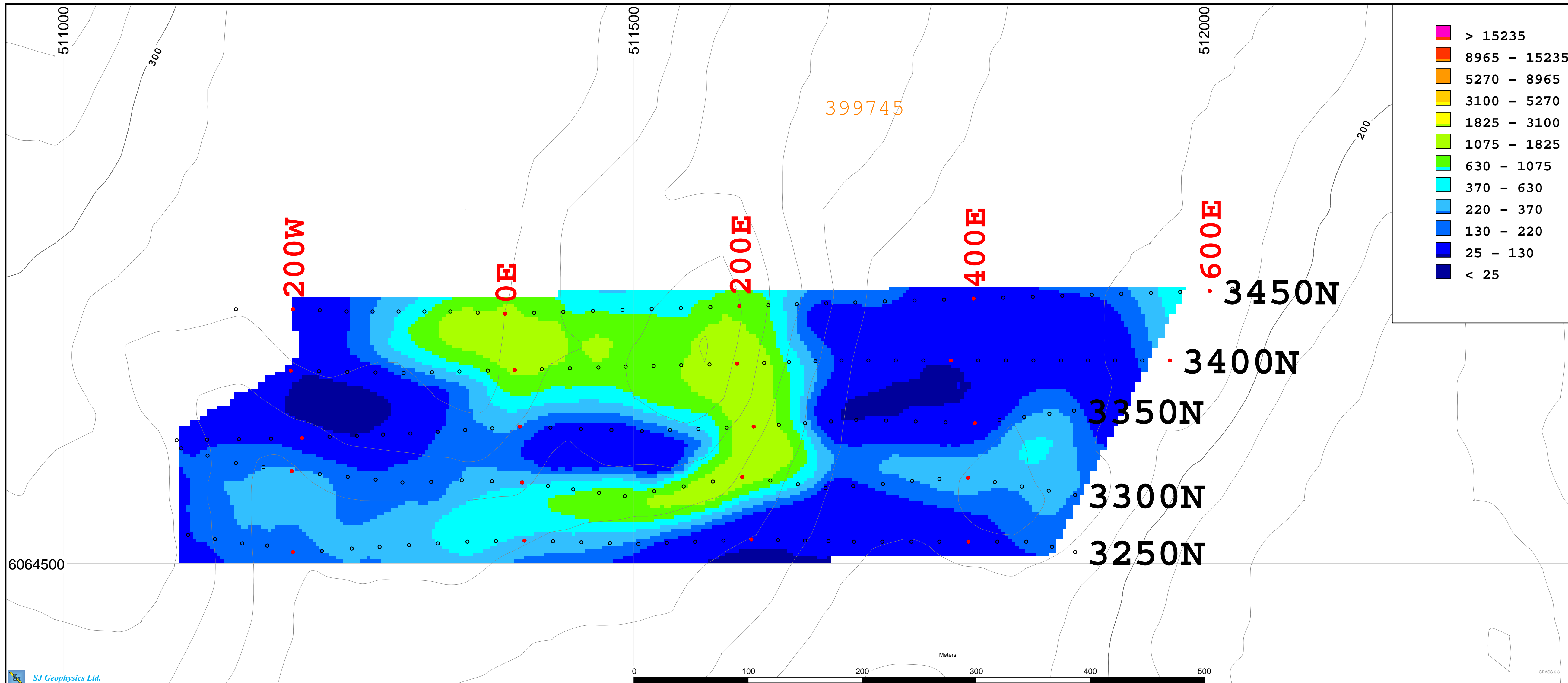
Survey Information  
 3D IP Array : N=12-16 a=25m-75m  
 INSTRUMENTATION  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Resistivity (Ohm-m)  
 False Color Contour Map  
 Depth 50m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



**Survey Information**

3D IP Array : N=12-16 a=25m-75m

**INSTRUMENTATION**  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II

Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008

Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations

— Contour Lines (m)

▭ Claim Number

Projection: UTM NAD83 Z9

Note: Scale 1:5000 @ 100%

**3D Inversion Model**

Interpreted Resistivity (Ohm-m)

False Color Contour Map

Depth 75m Below Topography

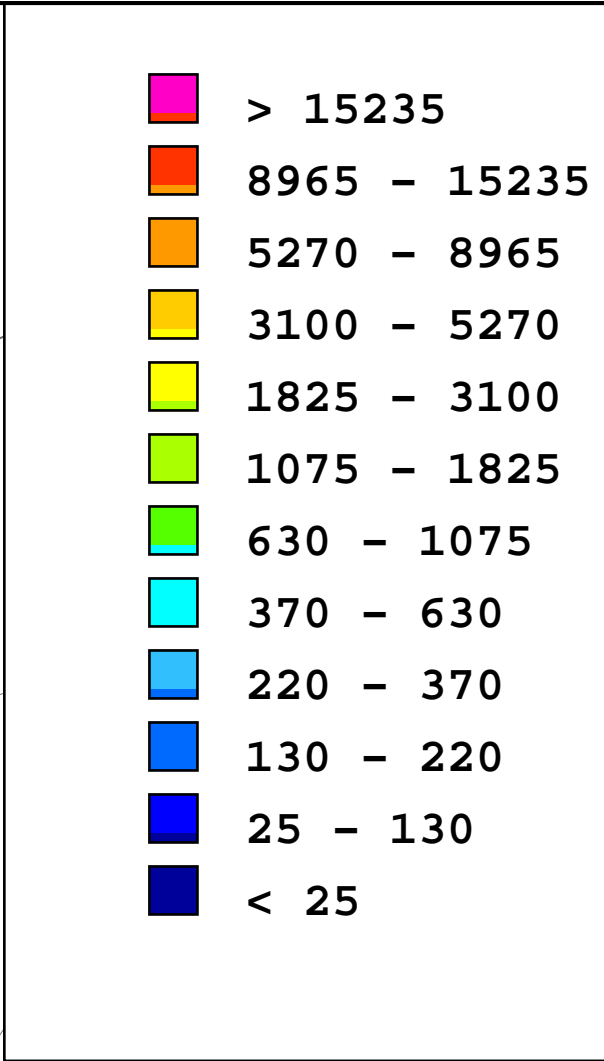
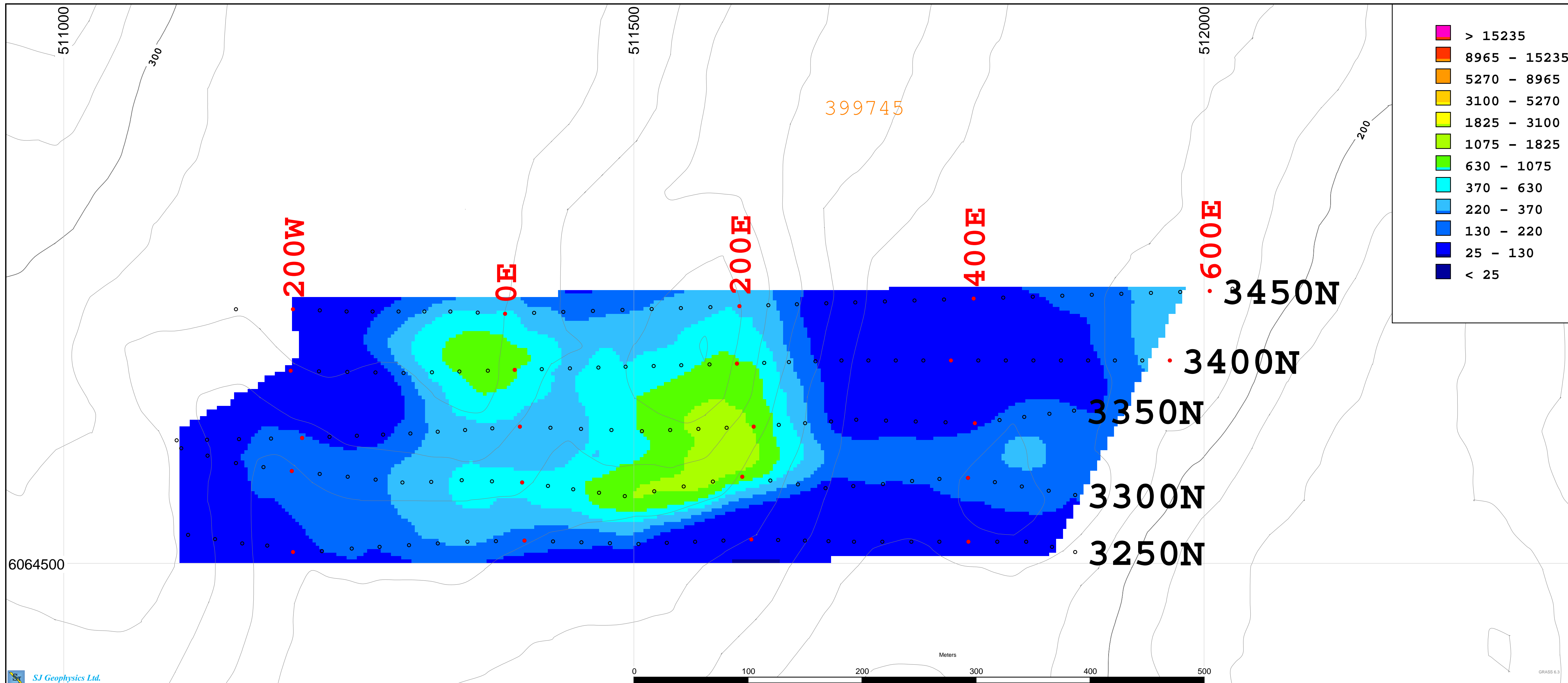
**MOUNTAIN CAPITAL INC.**

Kalum Property

Terrace, B.C.

Plate R-3





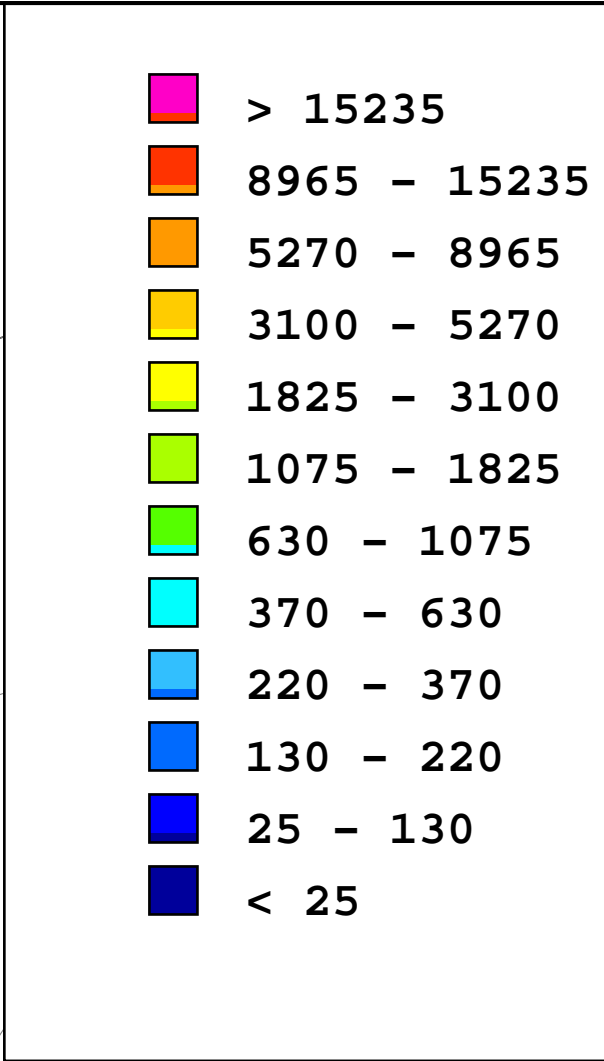
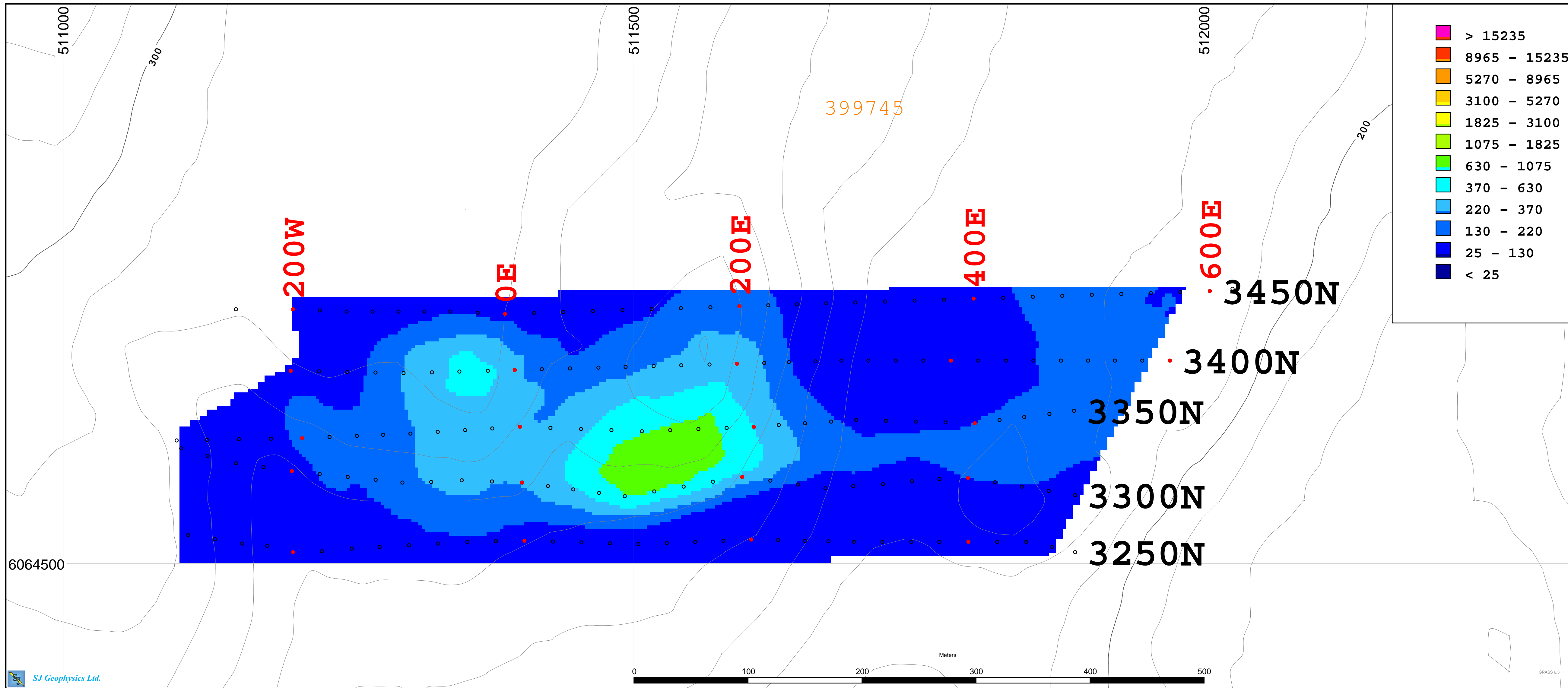
Survey Information  
 3D IP Array : N=12-16 a=25m-75m  
 INSTRUMENTATION  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Resistivity (Ohm-m)  
 False Color Contour Map  
 Depth 100m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



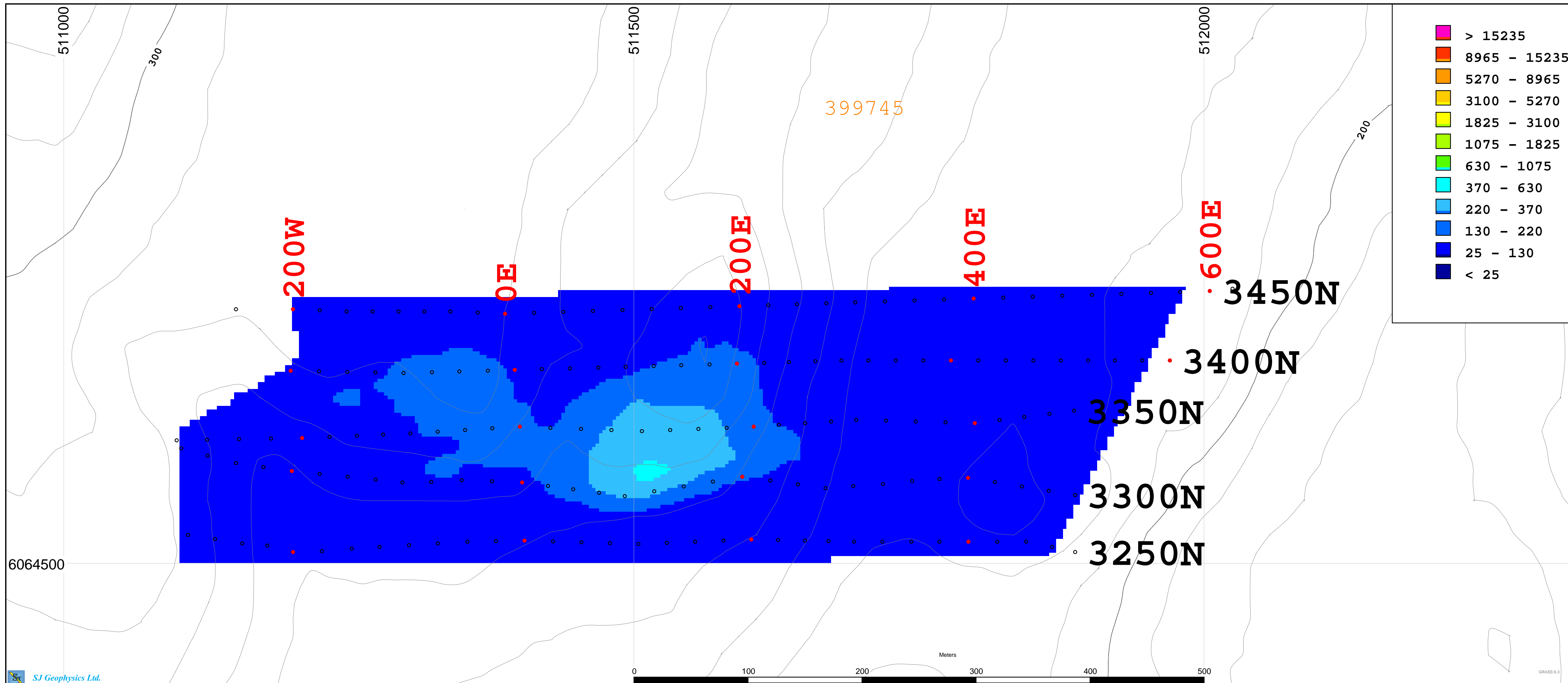
**Survey Information**  
 3D IP Array : N=12-16 a=25m-75m  
**INSTRUMENTATION**  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Resistivity (Ohm-m)  
 False Color Contour Map  
 Depth 125m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



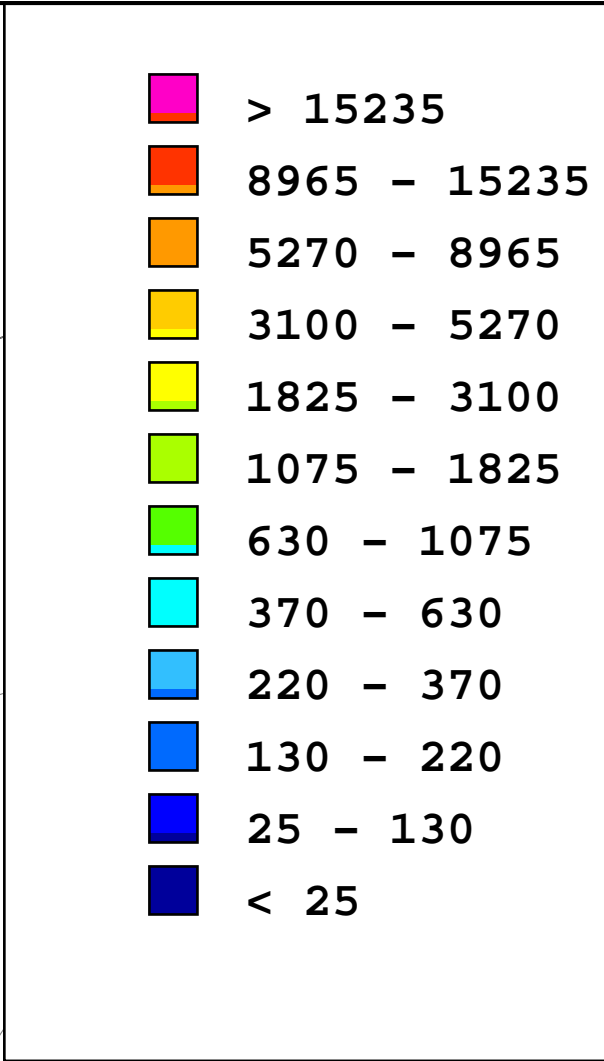
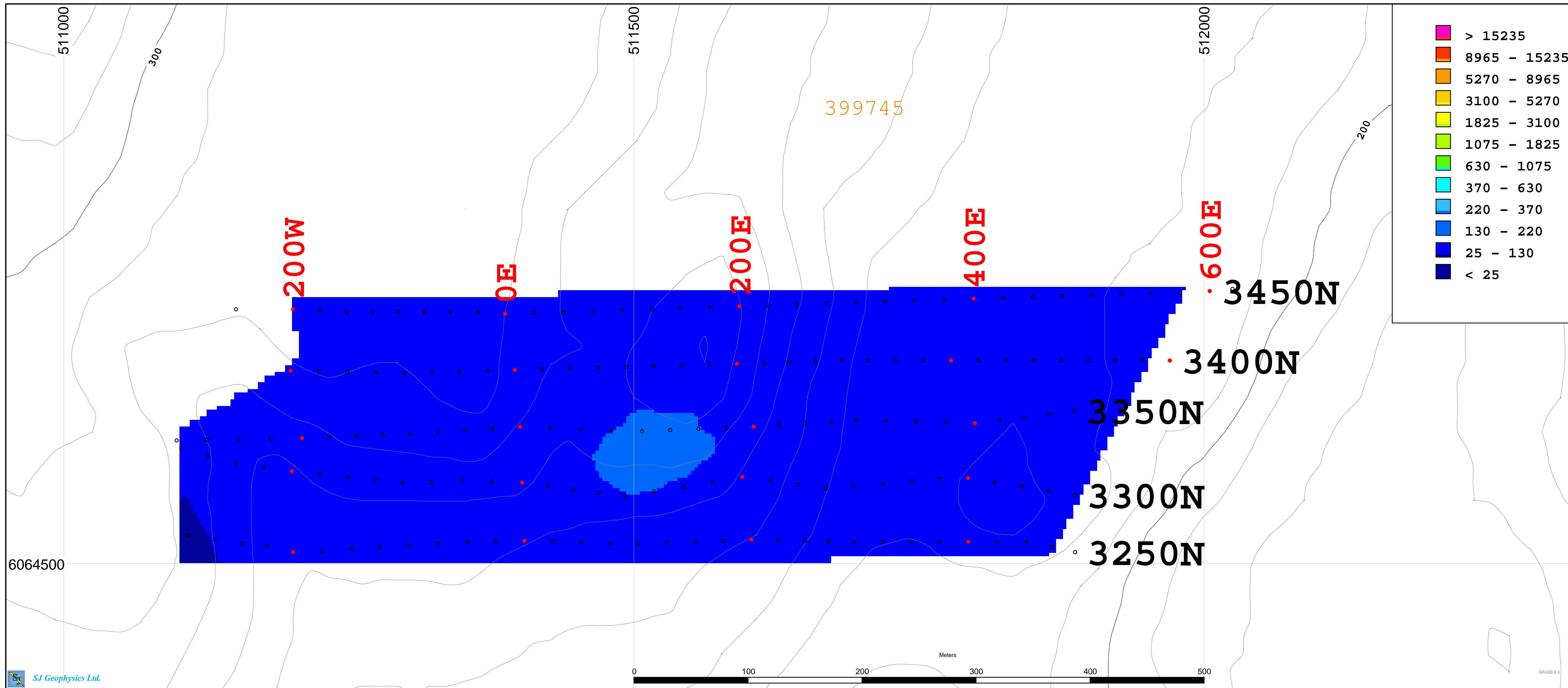
**Survey Information**  
 3D IP Array : N=12-16 a=25m-75m  
**INSTRUMENTATION**  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Resistivity (Ohm-m)  
 False Color Contour Map  
 Depth 150m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



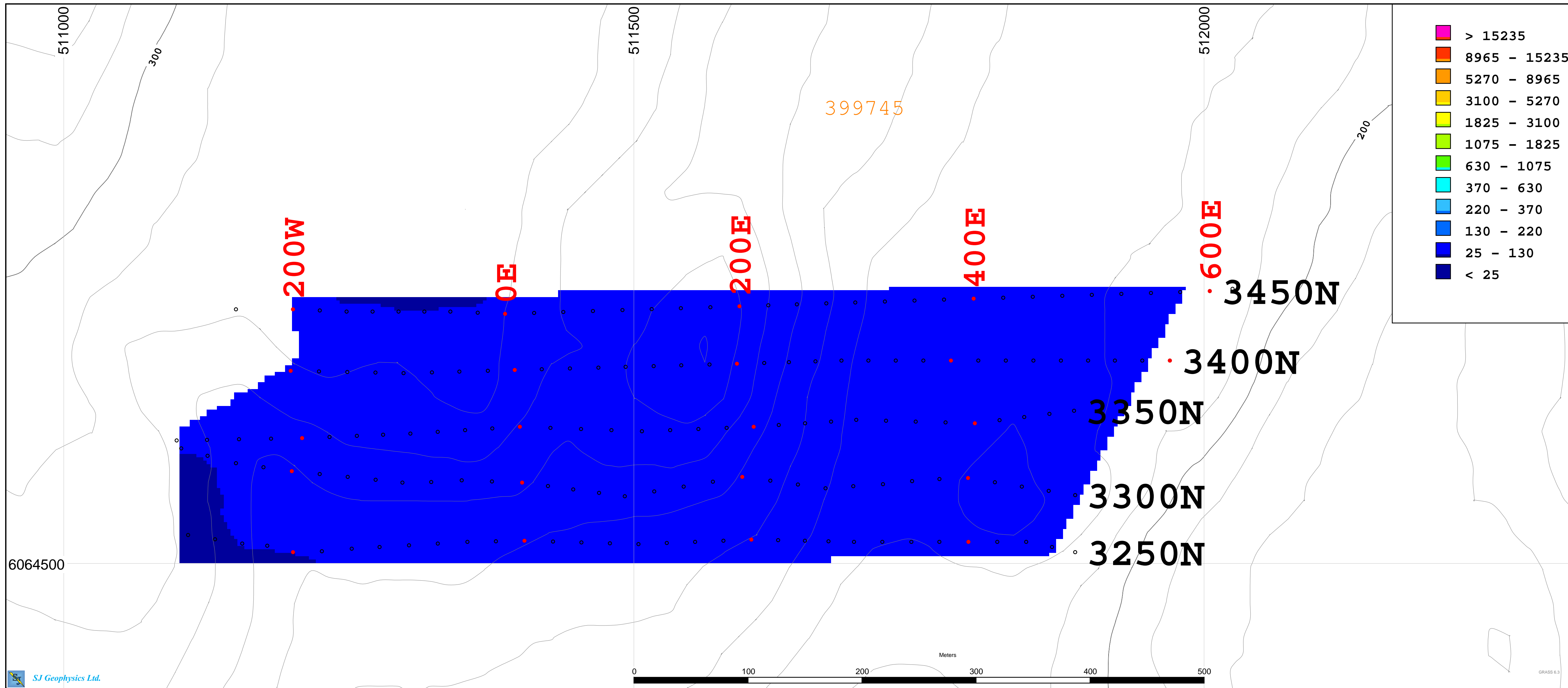
Survey Information  
 3D IP Array : N=12-16 a=25m-75m  
 INSTRUMENTATION  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%



**3D Inversion Model**  
 Interpreted Resistivity (Ohm-m)  
 False Color Contour Map  
 Depth 175m Below Topography

**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



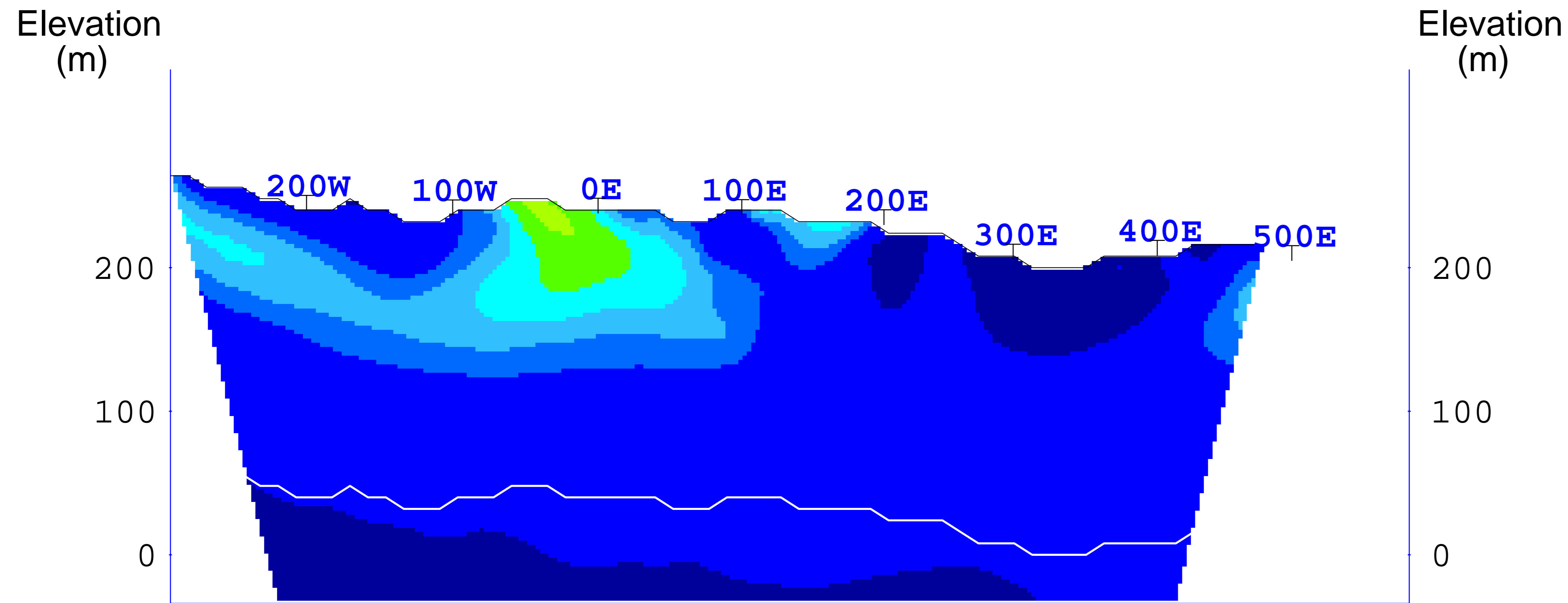
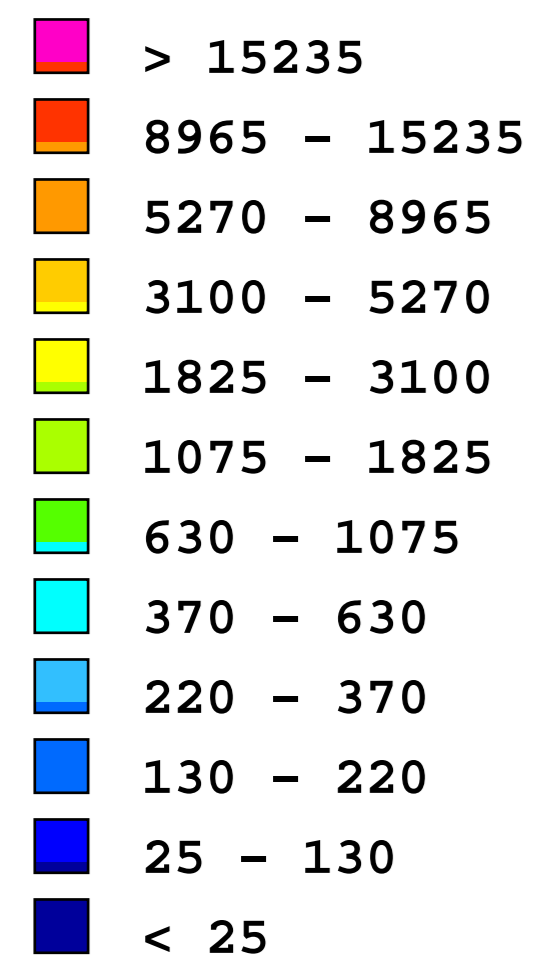
**Survey Information**  
 3D IP Array : N=12-16 a=25m-75m  
**INSTRUMENTATION**  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Base Map:  
 BCGS Mapsheet: 1031076  
 NTS Mapsheet: 103110  
 Mining Zone: Skeena

○ Survey Stations  
 — Contour Lines (m)  
 □ Claim Number  
 Projection: UTM NAD83 Z9  
 Note: Scale 1:5000 @ 100%

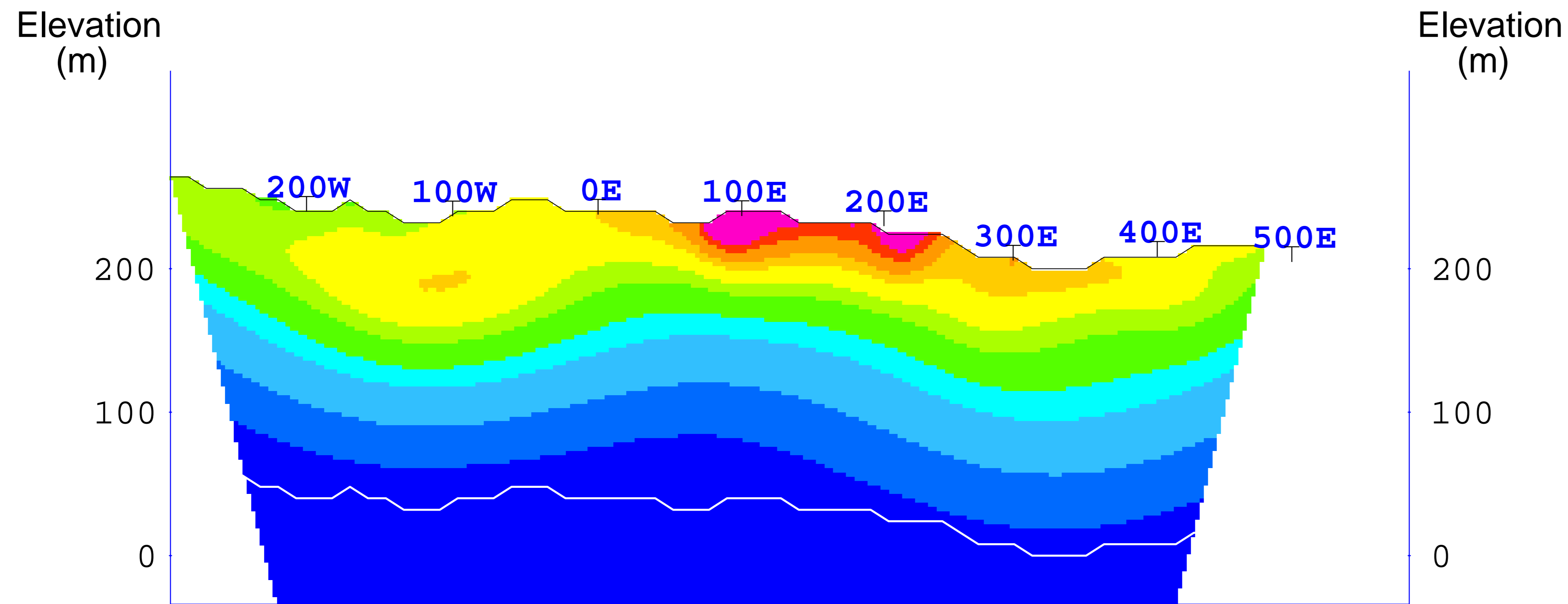
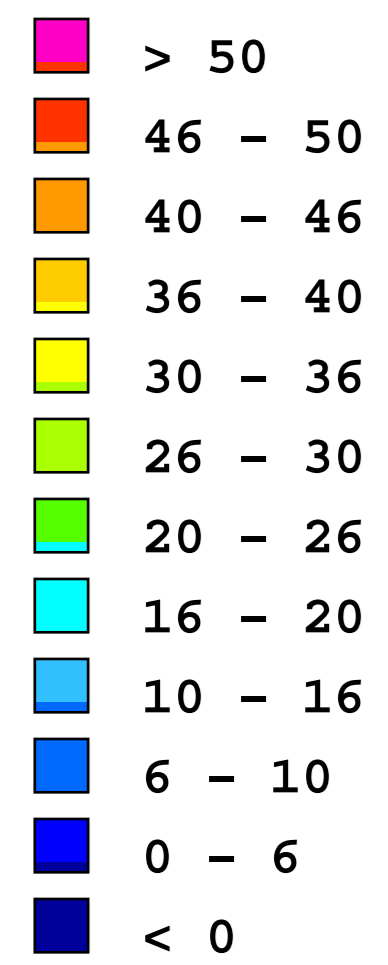


**3D Inversion Model**  
 Interpreted Resistivity (Ohm-m)  
 False Color Contour Map  
 Depth 200m Below Topography

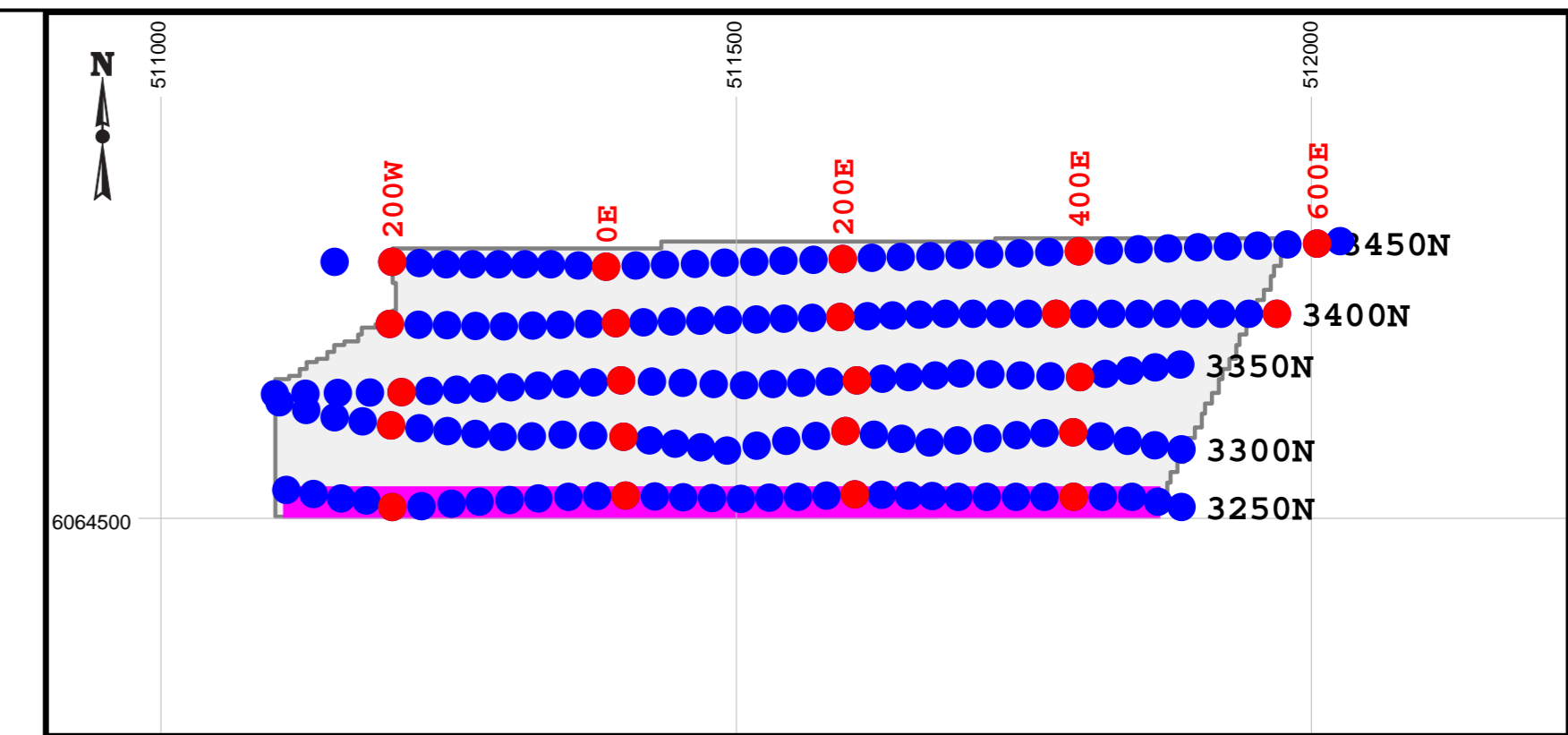
**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.



Interpreted Resistivity (Ohm-m)



Interpreted Chargeability (ms)



INDEX MAP

Survey Information

3D IP Array: N=12-16 a=25m-75m

INSTRUMENTATION  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II

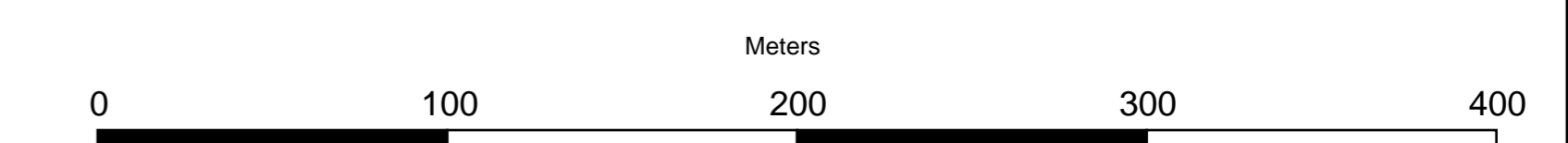
Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008

Projection: UTM NAD83 Z9

Legend

White Line: Estimated Depth of Investigation  
 Station Gridline Coordinate Projected to Section

Note: Scale 1:5000 @ 100%



**MOUNTAIN CAPITAL INC.**

Kalum Property

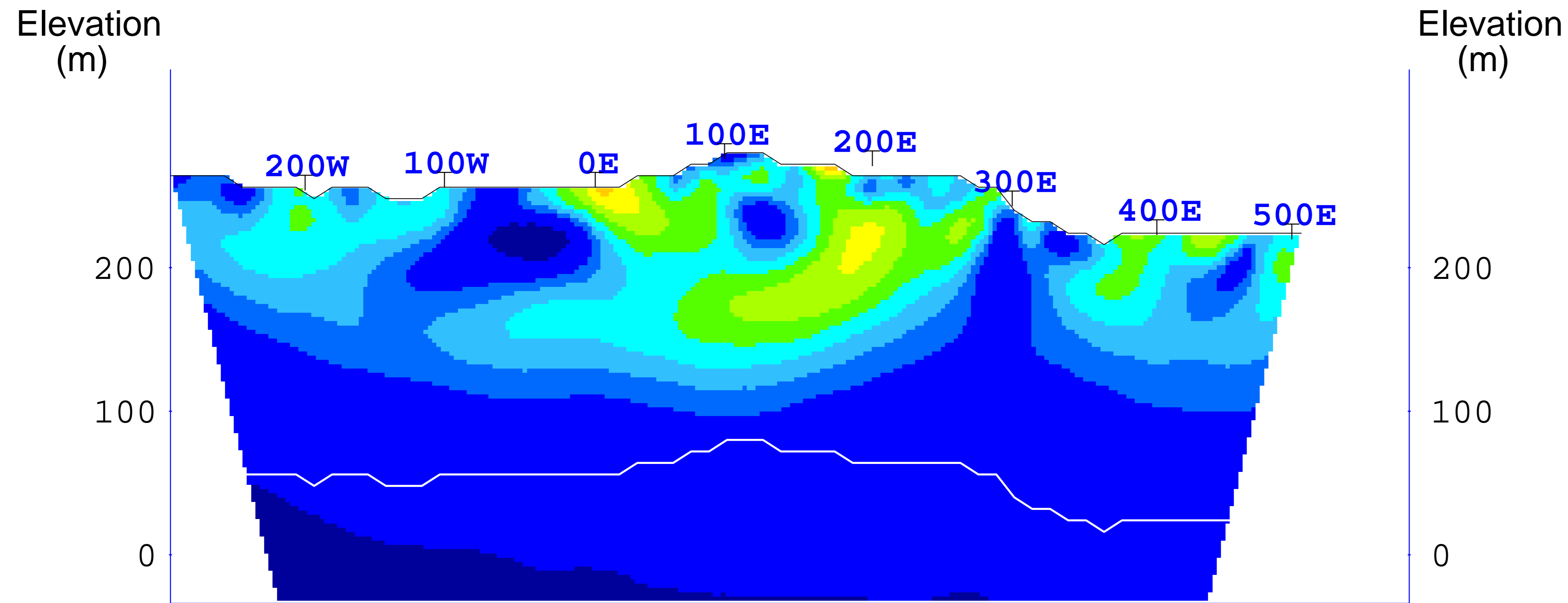
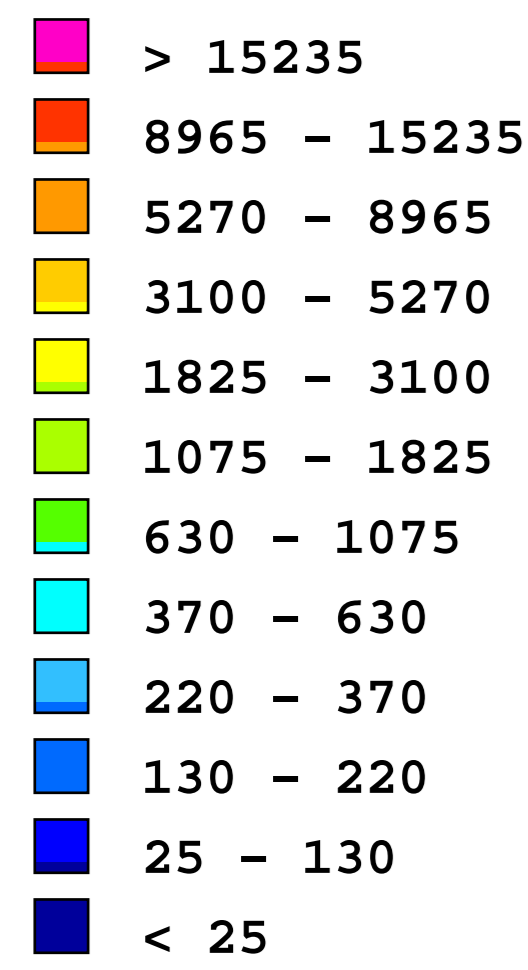
Terrace, B.C.

**3D IP SURVEY**

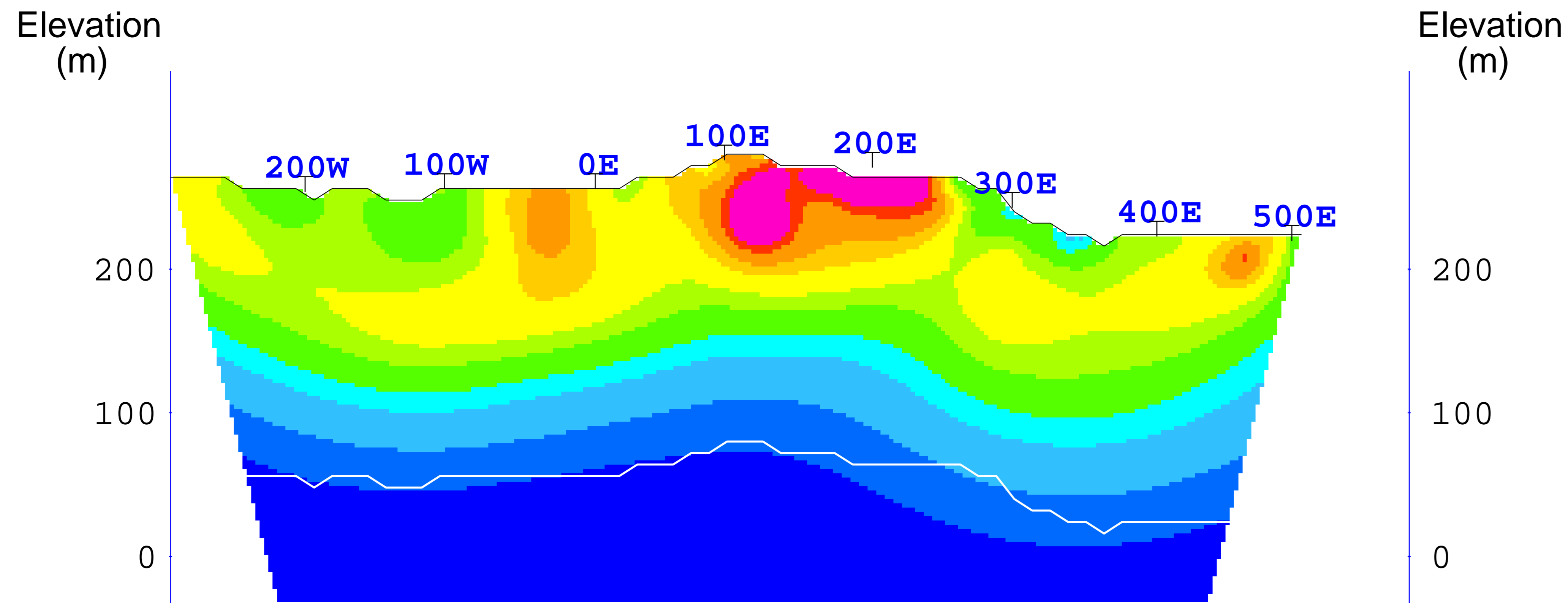
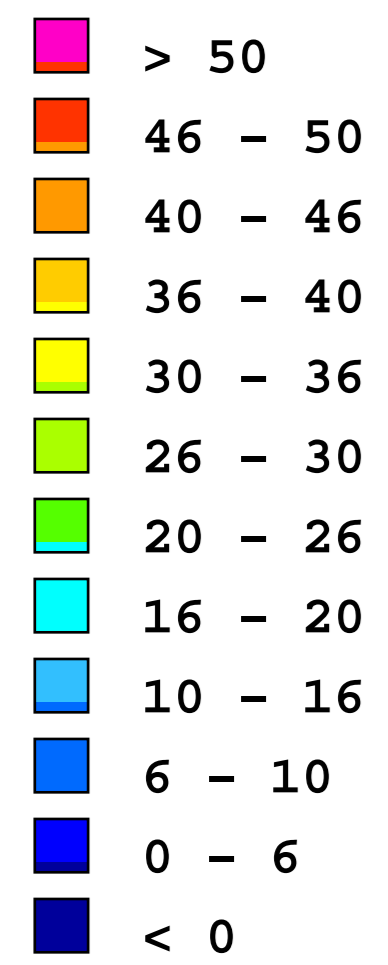
3D Cross Sections

False Color Contour Map

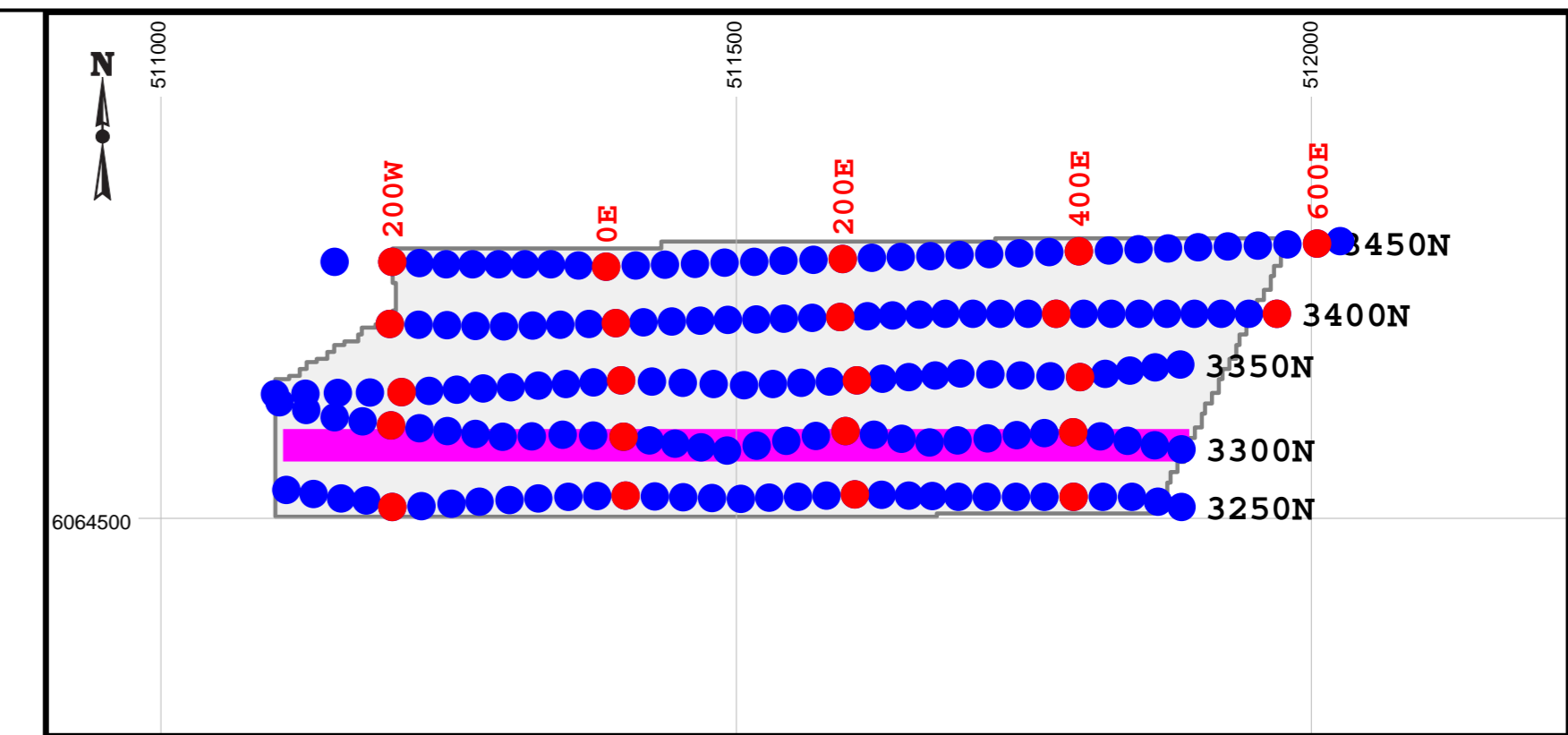
Section 3250N



Interpreted Resistivity (Ohm-m)



Interpreted Chargeability (ms)



INDEX MAP

Survey Information

3D IP Array: N=12-16 a=25m-75m

INSTRUMENTATION  
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 TRANSMITTER: GDD TX II

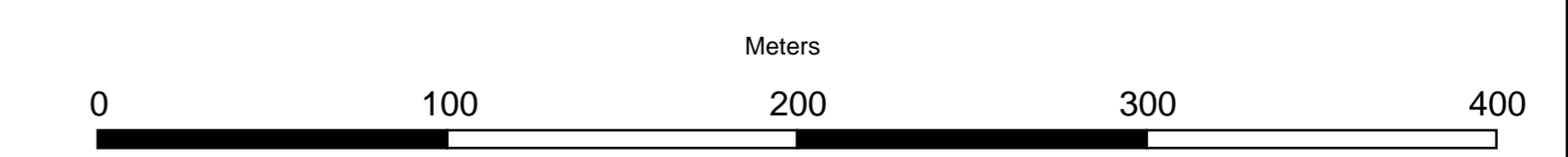
Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August, 2008  
 Mapping Date: October, 2008

Projection: UTM NAD83 Z9

Legend

White Line: Estimated Depth of Investigation  
 Station Gridline Coordinate Projected to Section

Note: Scale 1:5000 @ 100%



**MOUNTAIN CAPITAL INC.**

Kalum Property

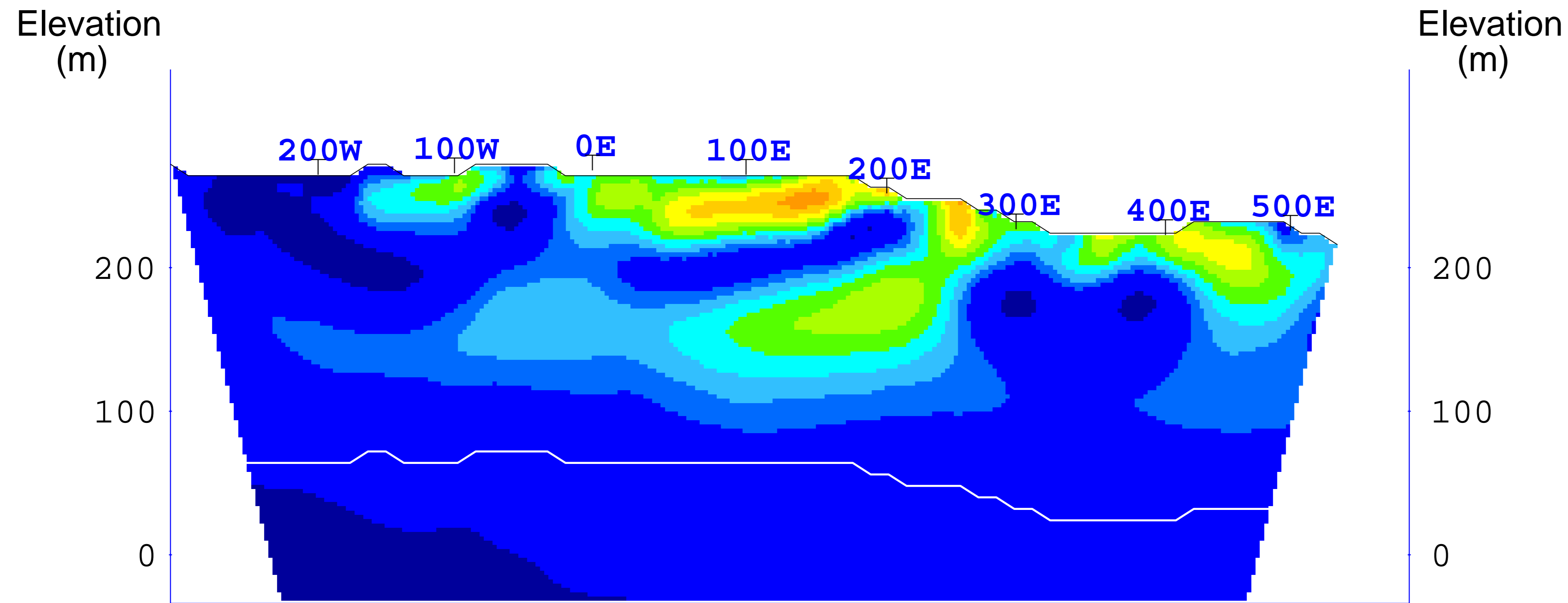
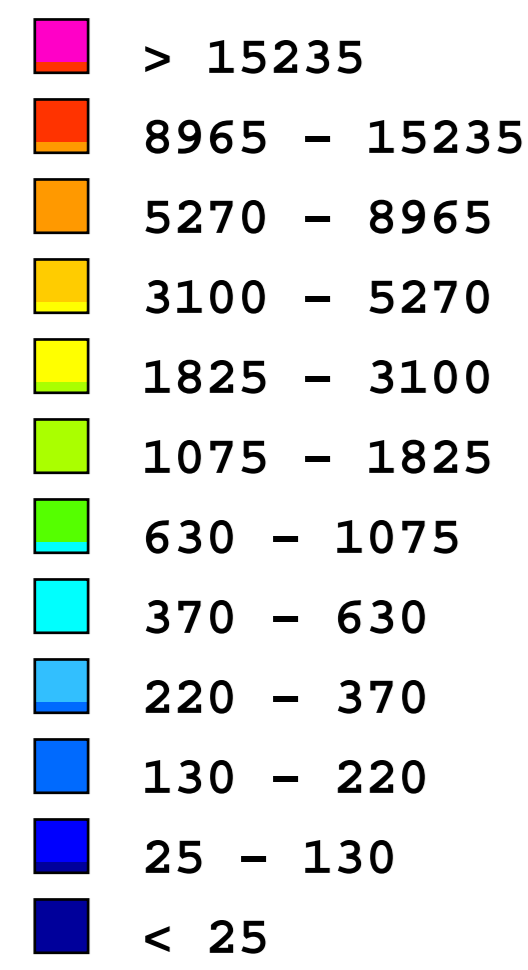
Terrace, B.C.

**3D IP SURVEY**

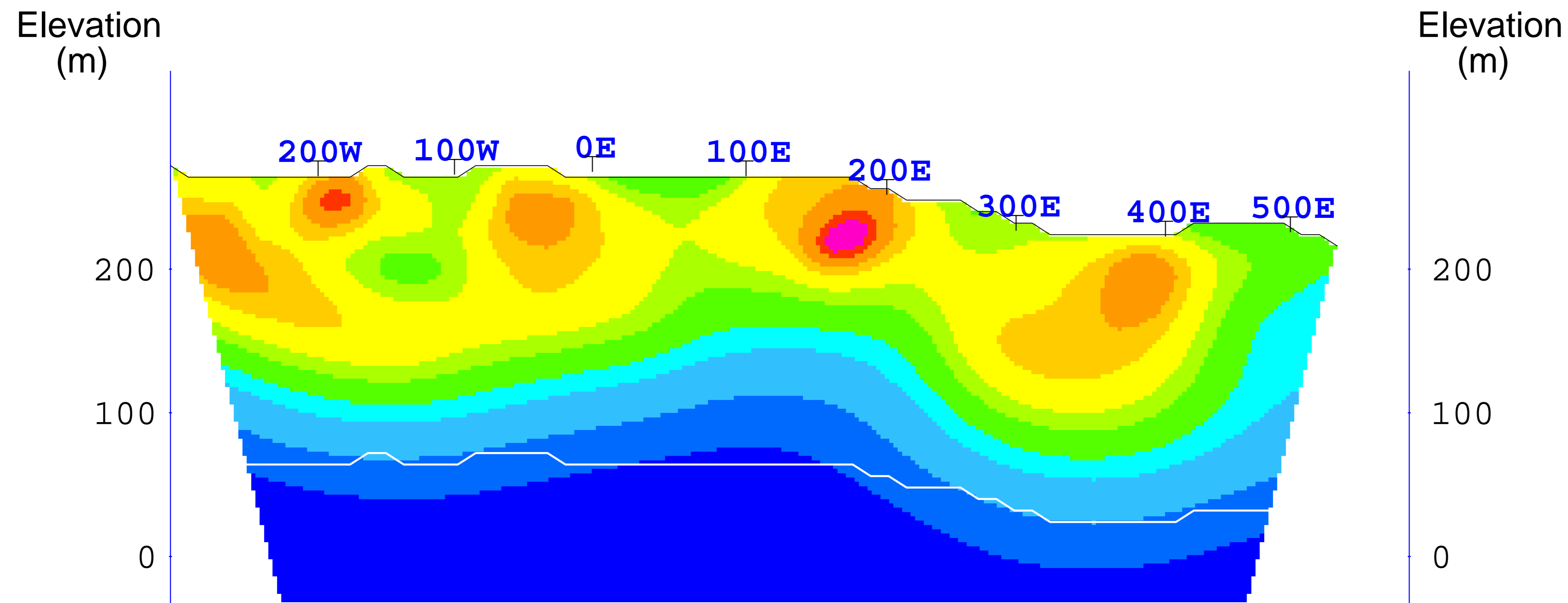
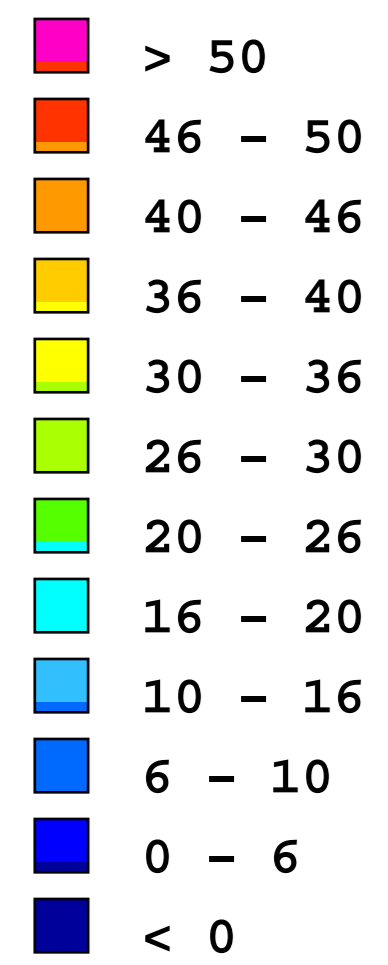
3D Cross Sections

False Color Contour Map

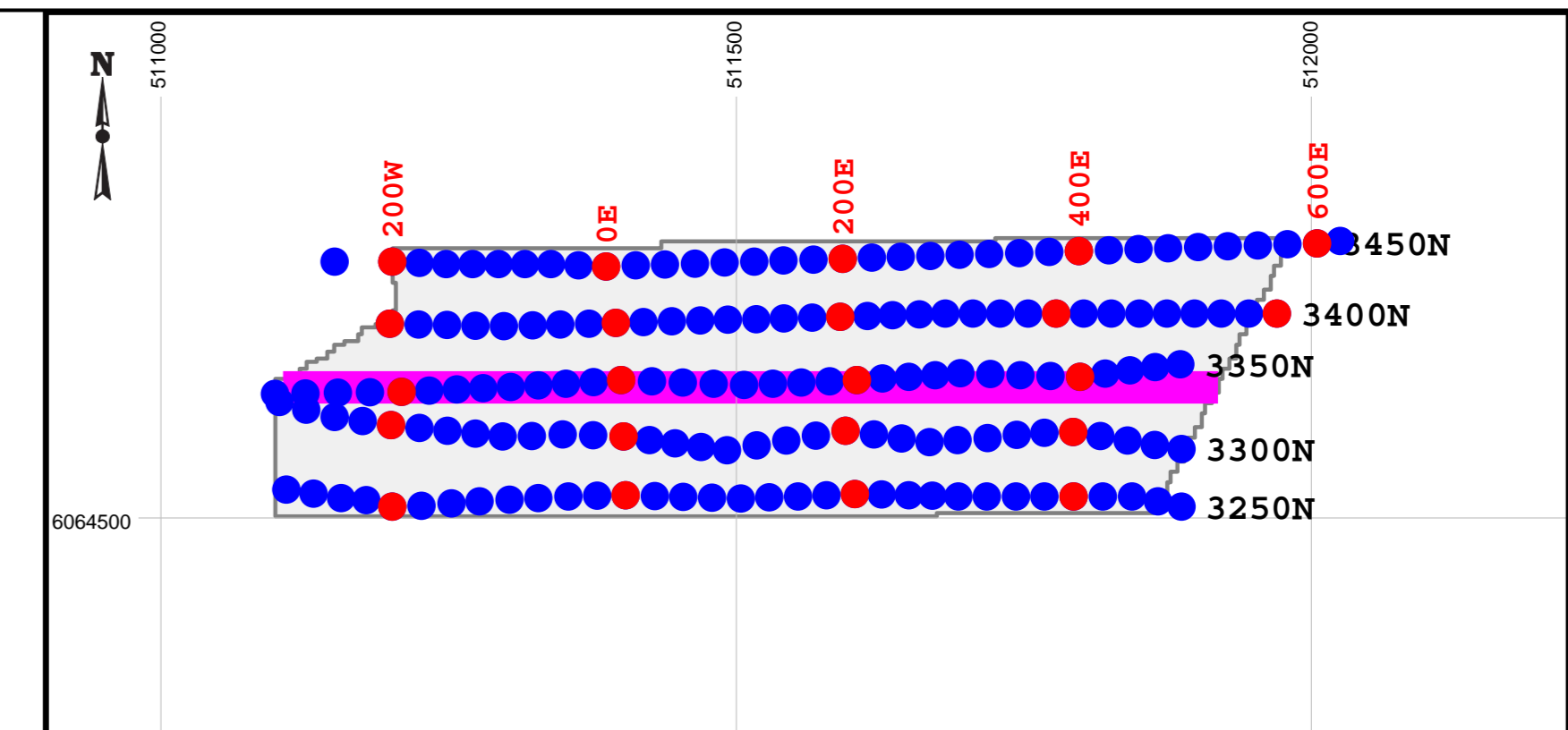
Section 3300N



Interpreted Resistivity (Ohm-m)



Interpreted Chargeability (ms)



INDEX MAP

Survey Information

3D IP Array: N=12-16 a=25m-75m

INSTRUMENTATION  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II

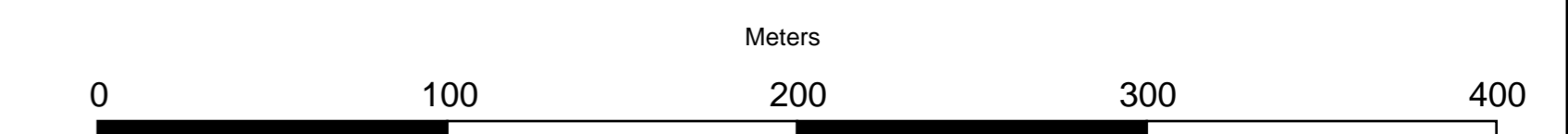
Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August, 2008  
 Mapping Date: October, 2008

Projection: UTM NAD83 Z9

Legend

White Line: Estimated Depth of Investigation  
 Station Gridline Coordinate Projected to Section

Note: Scale 1:5000 @ 100%



**MOUNTAIN CAPITAL INC.**

Kalum Property

Terrace, B.C.

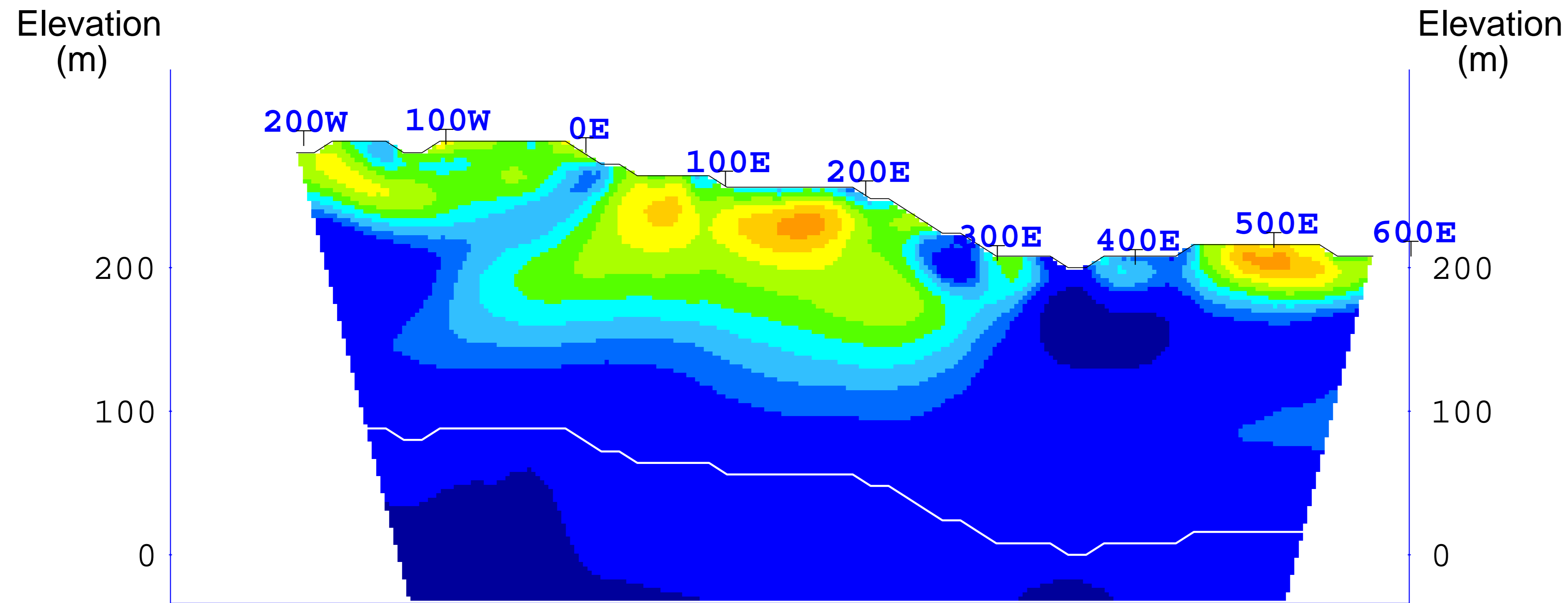
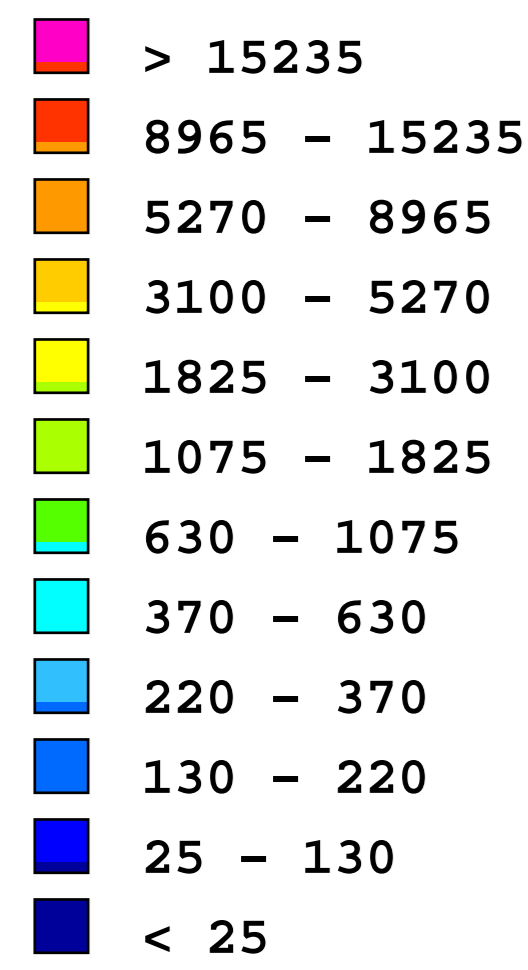
**3D IP SURVEY**

3D Cross Sections

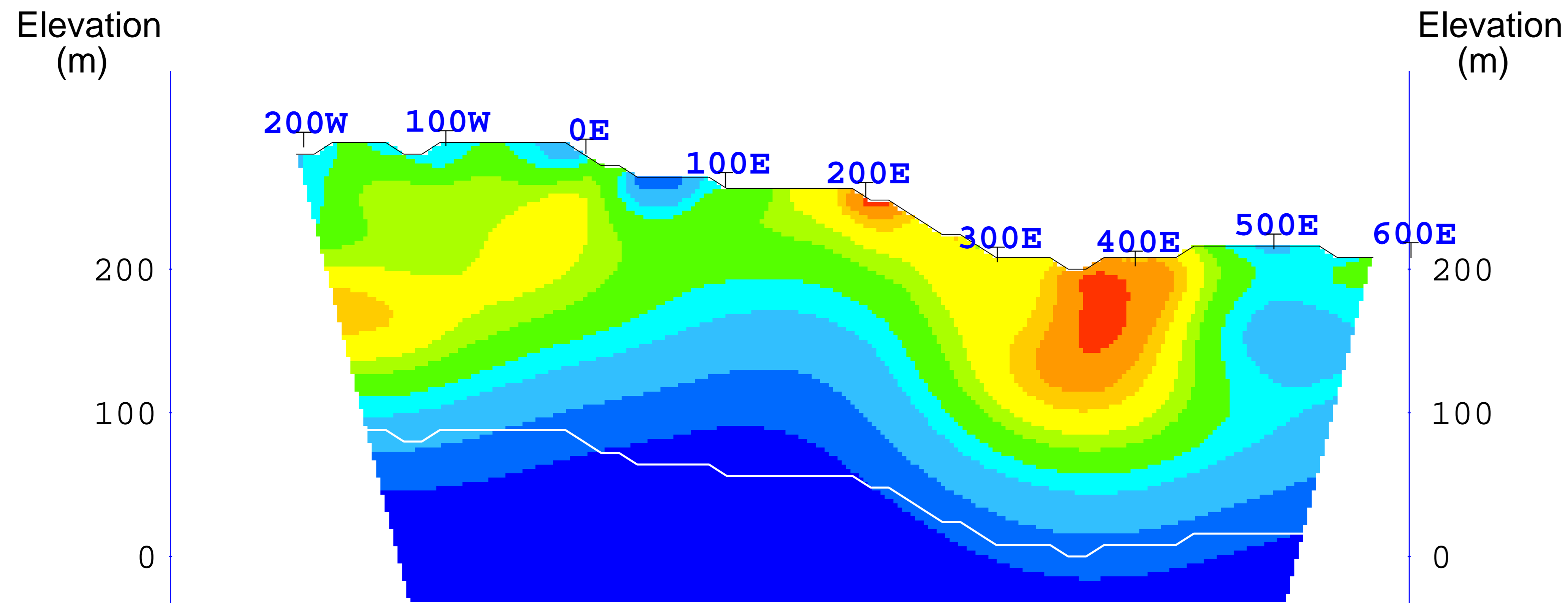
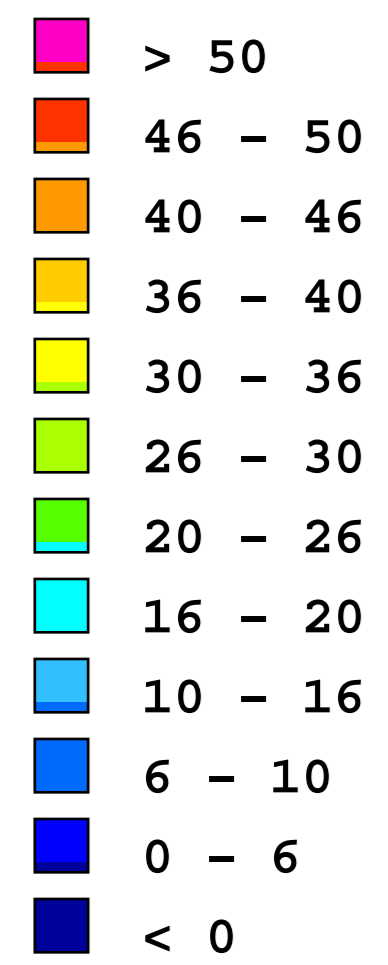
False Color Contour Map

Section 3350N

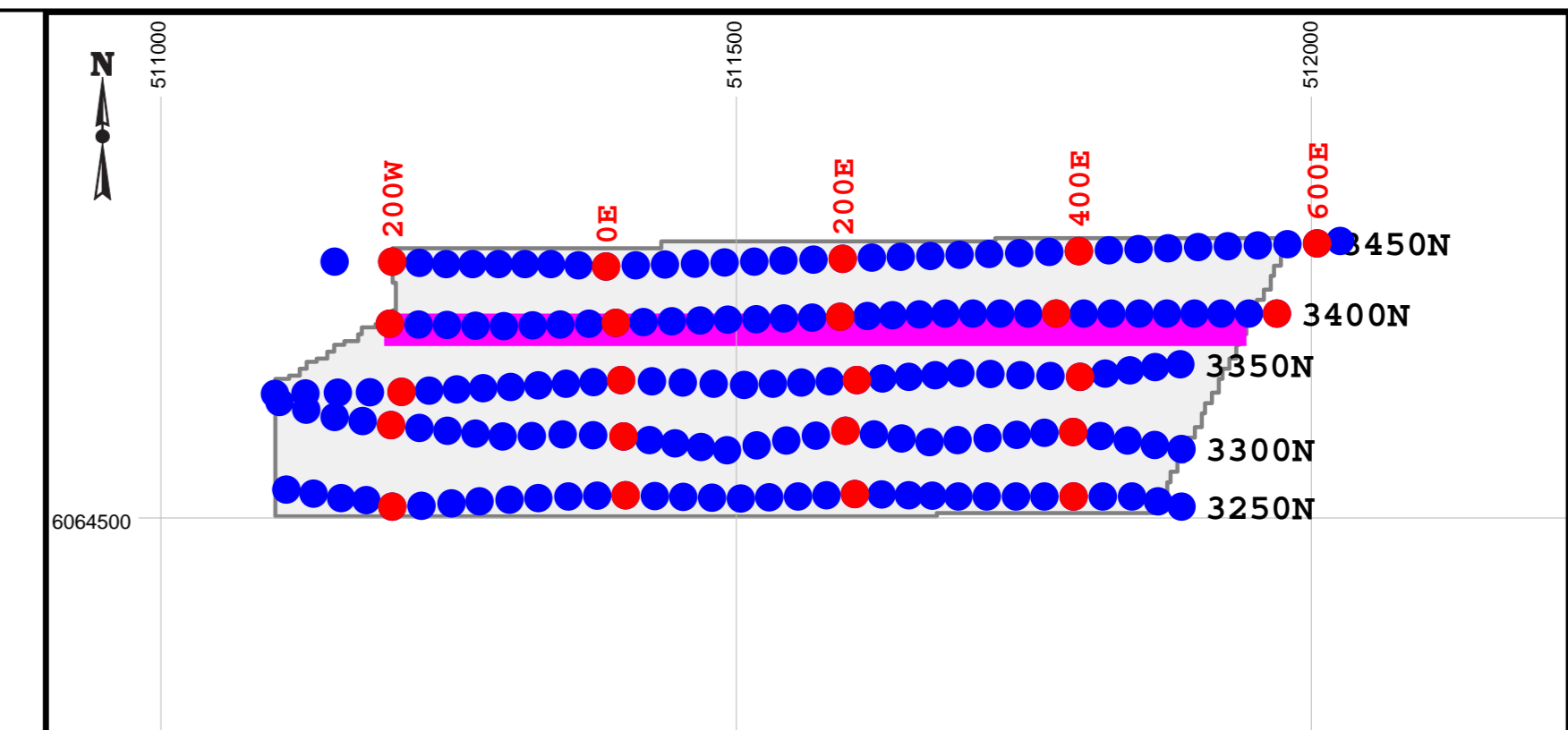




Interpreted Resistivity (Ohm-m)



Interpreted Chargeability (ms)



INDEX MAP

Survey Information

3D IP Array: N=12-16 a=25m-75m

INSTRUMENTATION  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II

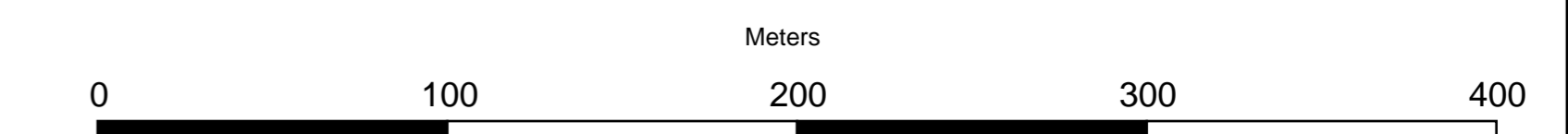
Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August, 2008  
 Mapping Date: October, 2008

Projection: UTM NAD83 Z9

Legend

White Line: Estimated Depth of Investigation  
 Station Gridline Coordinate Projected to Section

Note: Scale 1:5000 @ 100%



**MOUNTAIN CAPITAL INC.**

Kalum Property

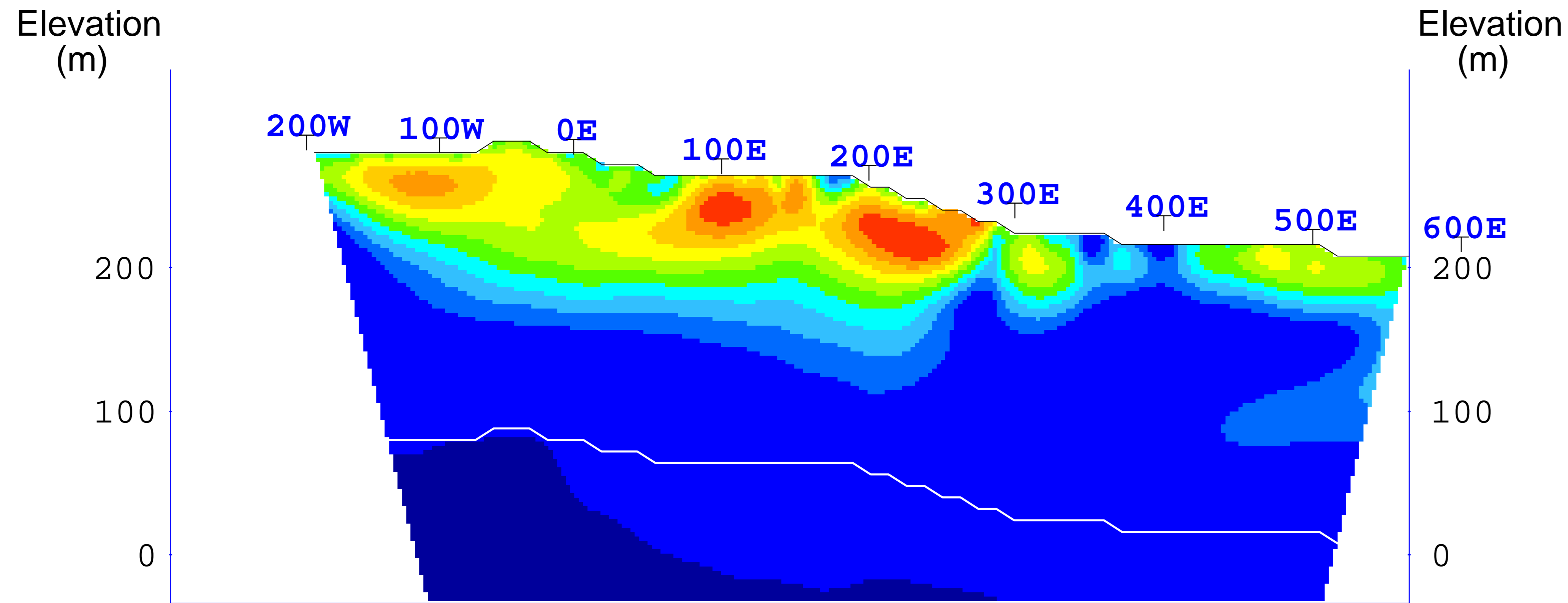
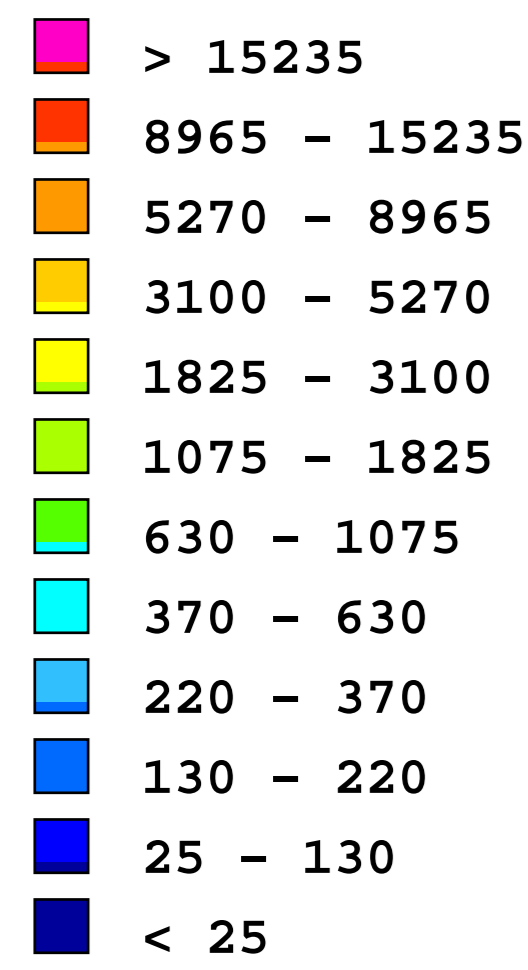
Terrace, B.C.

**3D IP SURVEY**

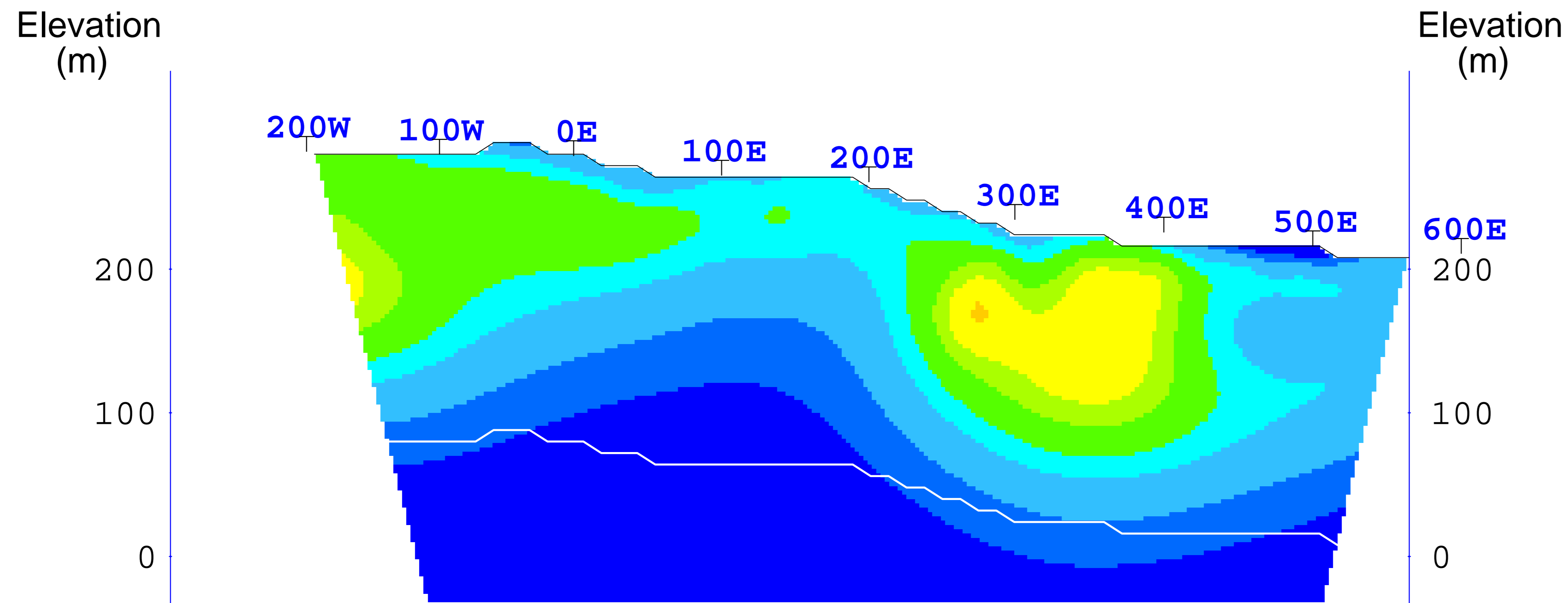
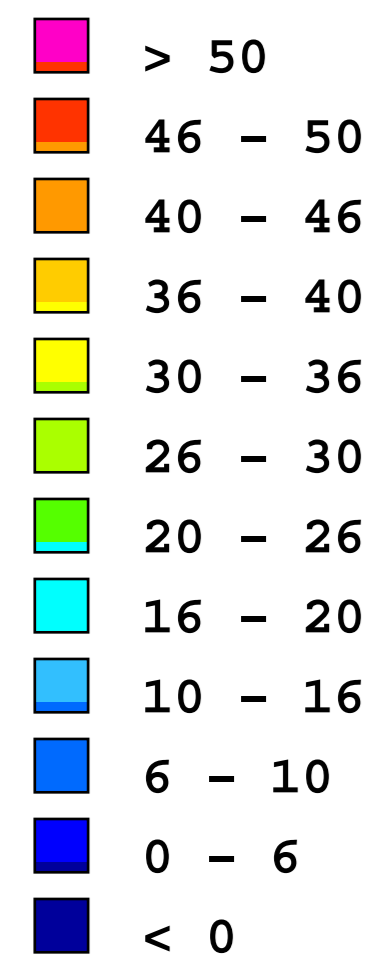
3D Cross Sections

False Color Contour Map

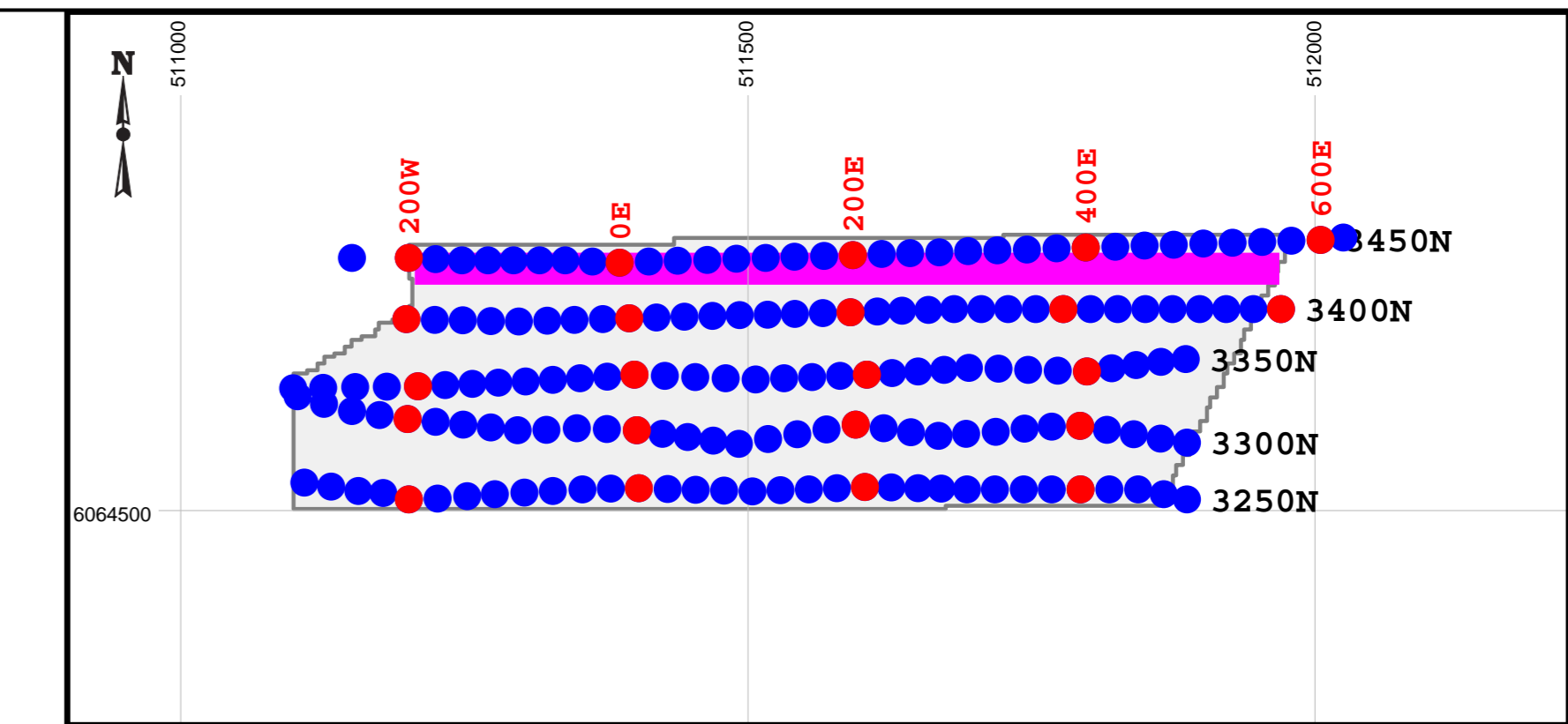
Section 3400N



Interpreted Resistivity (Ohm-m)



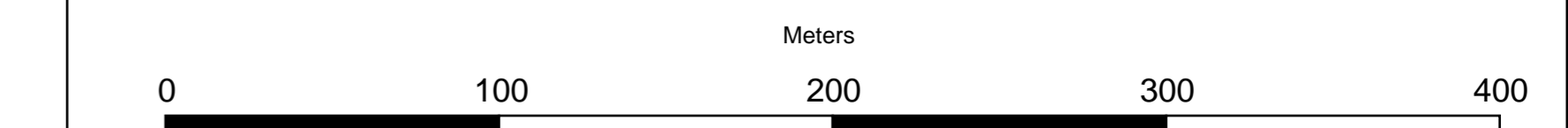
Interpreted Chargeability (ms)



Survey Information  
 3D IP Array: N=12-16 a=25m-75m  
 INSTRUMENTATION  
 RECEIVER: SJ-24 Full-Waveform Digital IP Receiver  
 TRANSMITTER: GDD TX II  
 Survey by: SJ Geophysics Ltd.  
 3D Inversion by: S.J.V. Consultants Ltd.  
 Survey Date: August,2008  
 Mapping Date: October,2008  
 Projection: UTM NAD83 Z9

Legend  
 White Line: Estimated Depth of Investigation  
 Station Gridline Coordinate Projected to Section

Note: Scale 1:5000 @ 100%



**MOUNTAIN CAPITAL INC.**  
 Kalum Property  
 Terrace, B.C.  
**3D IP SURVEY**  
 3D Cross Sections  
 False Color Contour Map  
 Section 3450N