BC Geological Survey
Assessment Report
30103

Frontispiece. Standing burnt trees on the Mt. Armour property.

2007 Gravity Survey

on the

Mt. Armour Property

Barriere Area
(NTS 92P/01),

Kamloops Mining Division, South-Central British Columbia

for

Bitterroot Resources Ltd.

by

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July 31th, 2008

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1.0 Summary

The Mt. Armour property was staked in May 2007 over a previously explored Cu-Pb-Zn massive sulphide occurrence. Soil geochemical sampling later in the 2007 season confirmed that the area was indeed anomalous in gold, lead, zinc, as well as moderately anomalous in copper. Limited prospecting near the central ridge along the property also suggested that the massive sulphide potential was real. Based on these results, and on previous exploration work, a gravity survey was undertaken by MWH Geo-Surveys Inc., on behalf of Bitterroot Resources Ltd., in August 2007. The object of the survey was to outline possible massive sulphide drill targets, by extending the limits of known bodies, and identifying new ones nearby. Unfortunately, a review of the gravity data suggests that little evidence exists in the gravity data for the presence of a significant massive sulphide body.

2.0 Location, Access and Physiography, Climate, and Vegetation

The Mt. Armour property is located 1.5 kilometres southeast of downtown Barriere, between the North Thompson River (west) and Dixon creek (east). Barriere, population approximately 3450, lies along the Yellowhead Highway (Hwy. 5) and the CN railroad mainline, 65 kilometres north of Kamloops (Figs. 1 & 2).

The property can be accessed easily from the south from roads which lead to a network of ATV trails covering the claim. Vehicle access is via an unmarked road through a private property on the Agate Bay Road. To date, the private property owners have been very welcoming. Dixon Creek road also gives access to the east side of the property, as does Highway 5 to the west.

Topography on the claim is moderate, with the property centered on the peak of Mt. Armour, and there are a few more or less impassable cliffs. Relief totals approximately 300 metres, and ranges from 480 to 780 metres. (fig. 3). The property's low elevation makes the

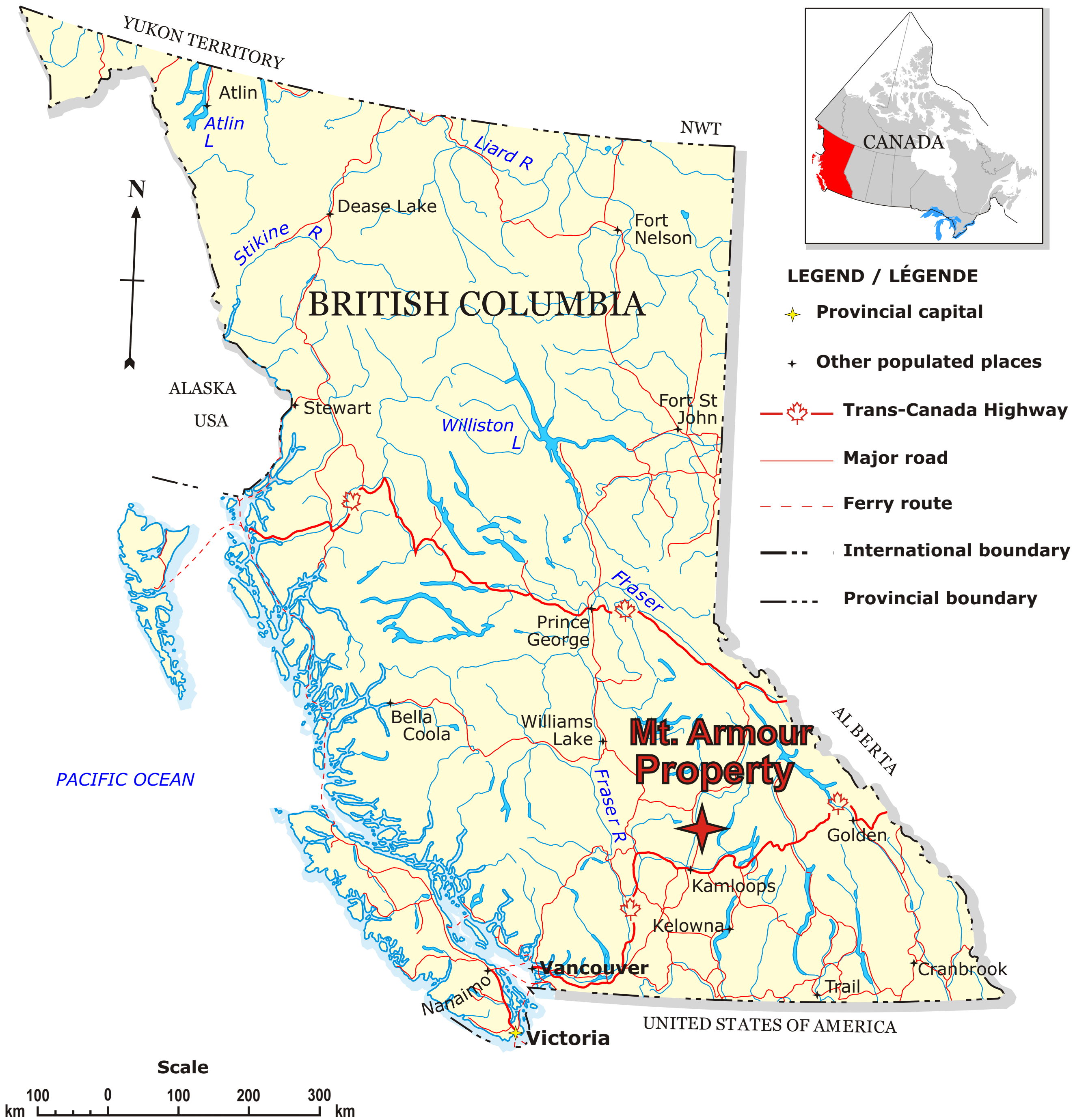

Figure 1. Location of the Mt. Armour Property, southern British Columbia.

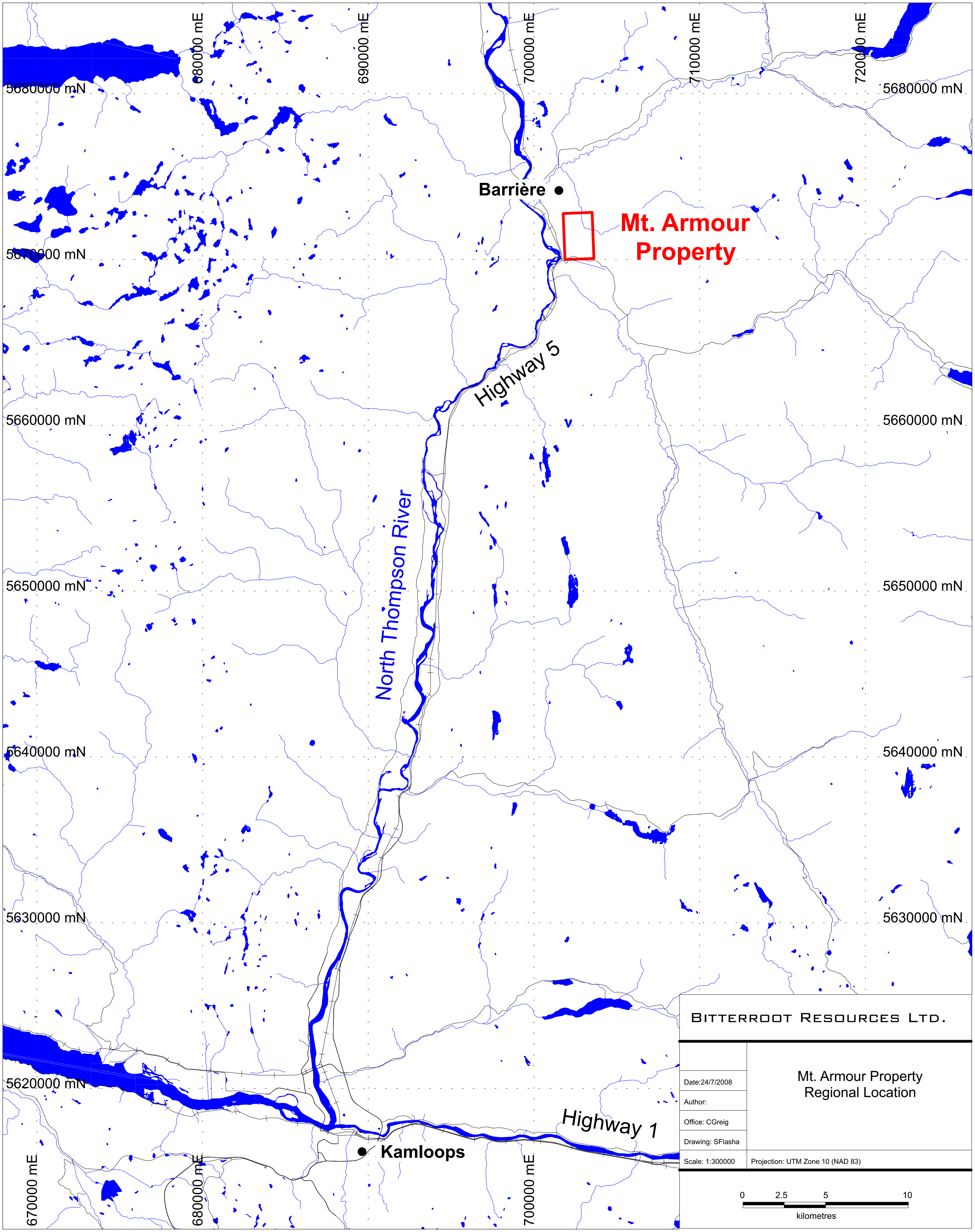

Figure 2. Location of the Mt. Armour property, south-central British Columbia.

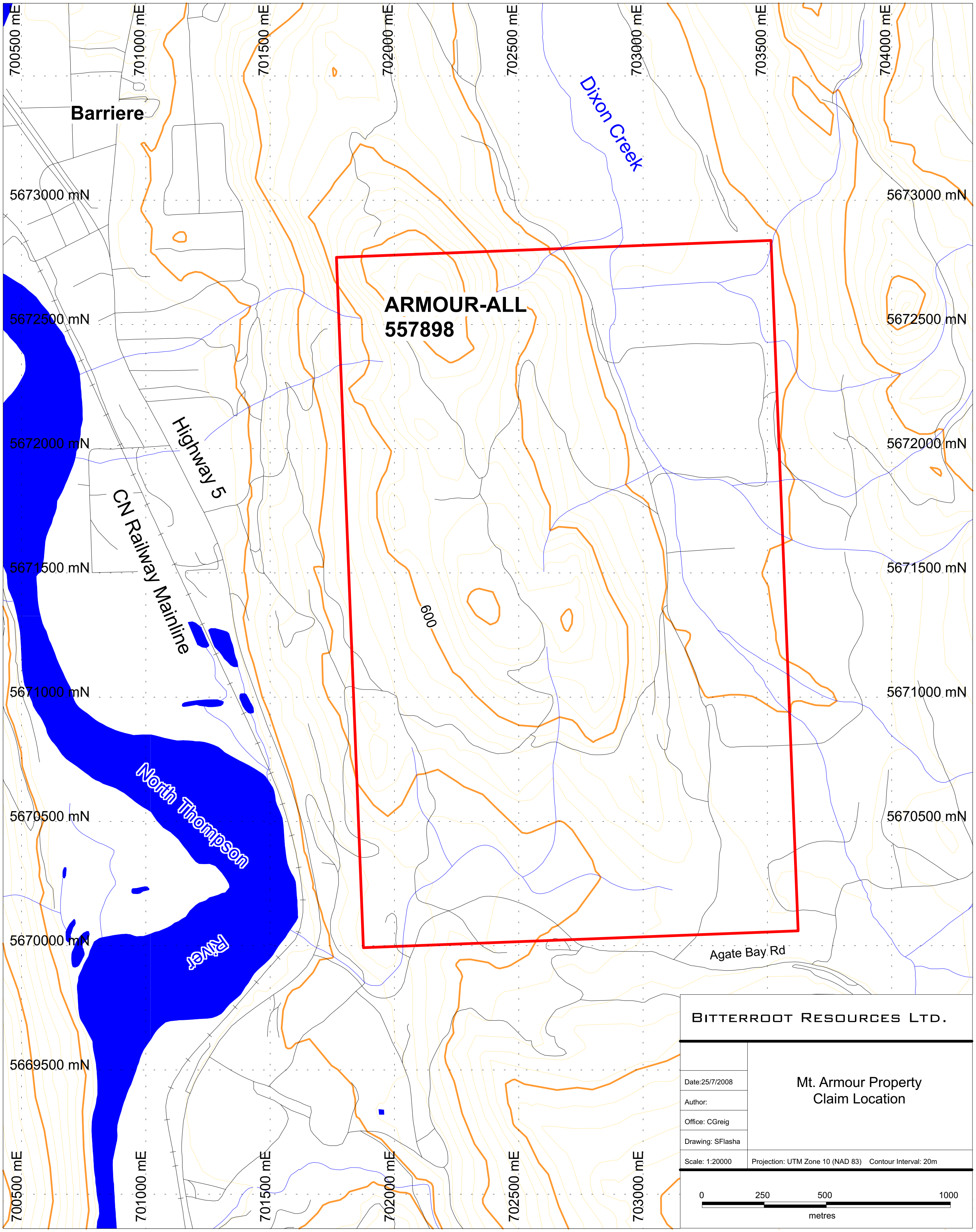

Figure 3. Mt. Armour property claim location and local access, Barriere, south-central British Columbia.

claim workable for most of the year. The climate is variable, and in the summer and early fall there is generally no water on the Mt. Armour property, even though streams are indicated on the 1:20,000 TRIM topography map. Vegetation is limited at this time, in large part because the property was burned-over in the 2003 Barriere-McLure fire. There are burnt ponderosa pine, as well as scattered shrubs and grasses. Outcrop is locally very good.

3.0 Claims

The Mt. Armour property consists of one claim, consisting of 24 cells, covering approximately 486 hectares (fig. 3). The property tenure number 557898, goes by the name ARMOUR-ALL, and was staked in early May 2007 by Charles Greig. It was optioned to Bitterroot Resources Ltd. shortly thereafter. The property lies within the Kamloops Mining Division and is in good standing until May 2, 2015.

4.0 Geologic Setting & Mineral Occurrences

According to geology maps available on the Ministry of Mines website, the Mt. Armour property is underlain predominantly by Lower Paleozoic greenstone of the Eagle Bay Assemblage (fig. 4). The southwest corner of the property is shown as being underlain by Devonian basaltic volcanic rocks, which are also part of the Eagle Bay Assemblage (fig. 4).

Assessment reports available online, and filed with the Ministry of Mines, show more detailed mapping on the Mt. Armour property. Pirie (1987) produced a small-scale map of the massive sulphide showings, and Caulfield and Harris (2000) compiled previous geological mapping at Mt. Armour. The previous work shows that the known massive sulphide showings are hosted by argillite, which occurs within a sequence of chert, wacke, tuff, chert pebble

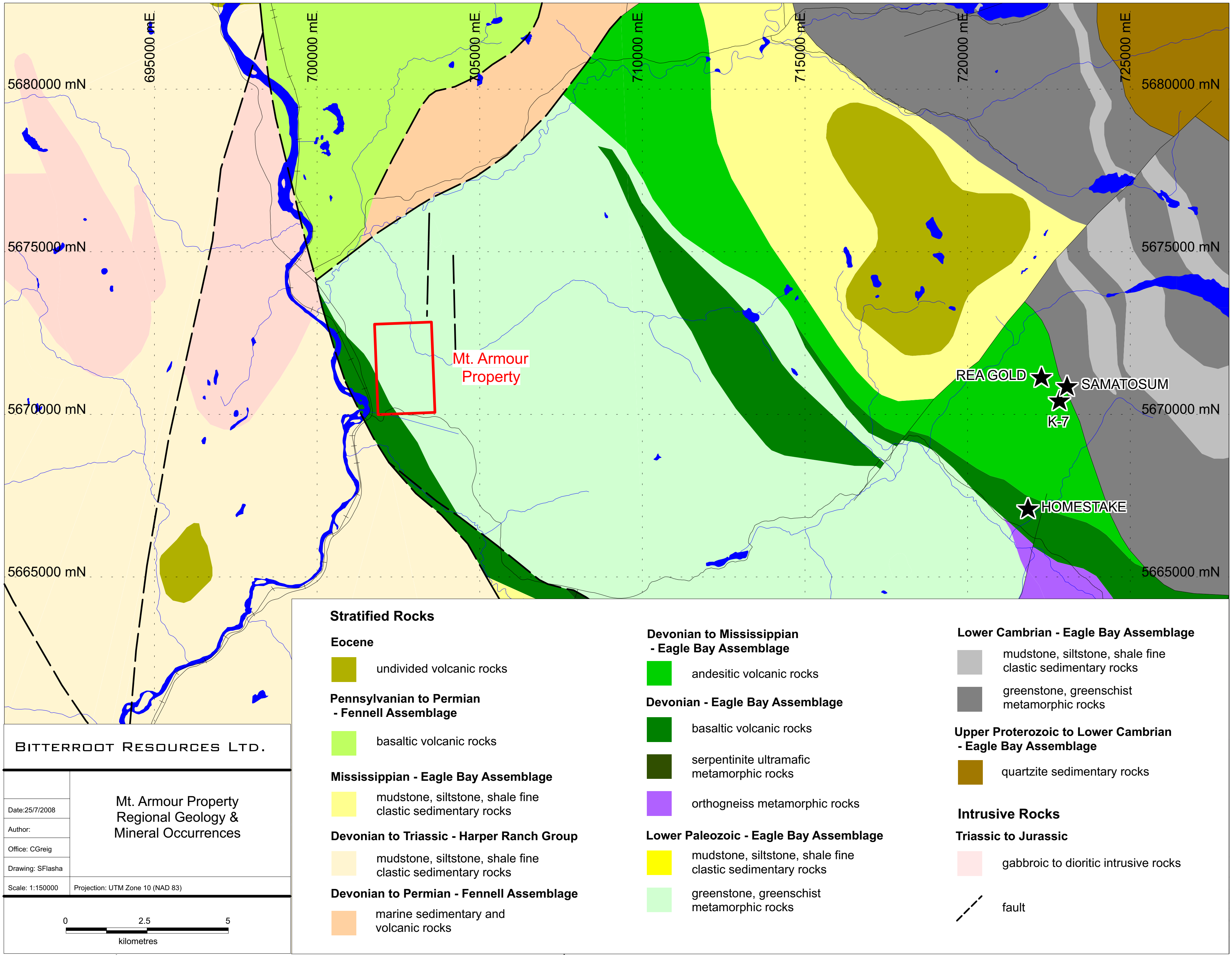

Figure 4. Regional geology, showing location of the Mt. Armour property and selected producing mines and significant mineral occurrences in southern British Columbia.

conglomerate, and mafic metavolcanics. The rocks generally trend northwest, with a 40-50 degree dip to the northeast (Caulfield and Harris 2000; Vollo 1980). Unfortunately, the most detailed map of the area, compiled by Caulfield and Harris (2000) for Rimfire Minerals Corp., is not legible online, and a better copy has not yet been obtained.

The Mt. Armour property lies near the western margin of a very prospective belt of rocks which includes the Discovery or Rea Gold massive sulphide deposit, the nearby Samatosum deposit, and the past-producing Homestake mine. These deposits are precious metals-enriched base metals deposits, largely discovered and intensively explored in the mid-1980's. They are hosted by folded and faulted rocks of the Paleozoic Eagle Bay Assemblage, which is also considered to underlie the Mt. Armour proeprty (fig. 4).

Both the Samatosum and original Discovery or Rea Gold zone, which is located only 500 metres to the southwest of Samatosum, have similar sulphide mineral assemblages and are hosted by similar rocks. The deposits occur within a westward-overturned package of mixed sedimentary rocks, predominantly argillite, siltstone, and wackes, as well as fine-grained intermediate to mafic tuffaceous rocks and their sericitized equivalents. The well-stratifed rocks are structurally overlain by mafic pyroclastic rocks (stratigraphic footwall), while graphitic argillite, graywacke, and intermediate to felsic fine tuff typically overlie the mineralized sequence in the immediate stratigraphic hangingwall (structural footwall). Locally, the massive sulphide horizons at the Discovery or Rea Gold zone (there are at least two lenses) are capped by massive barite. Farther southwest in the hangingwall are felsic volcanic rocks, presumably related to the felsic rocks common at the Homestake deposit, which occurs approximately 4 kilometres southward along trend.

4.1 **Rea Gold Zone** (from B.C. Minfile)

The Rea Gold zone mineralized horizon hosts conformable bedded massive and semi-massive sulphides but also includes graphitic chert, pyritic siltite, and local pyritic graywacke. . Mineralization within the sulphide lenses include pyrite, sphalerite, galena, arsenopyrite, chalcopyrite and tetrahedrite-tennantite. The sulphides range from fine-grained to medium-grained and banded, but locally display breccia textures. Precious metals are associated with massive sulphides and barite. The massive sulphides are underlain by a footwall feeder and alteration zone, characterized by intense silicification, pervasive pyrite and the development of sericite development.

The northern lens (L100 or Discovery lens) at the Rea Gold property has a surface strike length of about 50 metres, a width of about 4 metres, and a down dip projection of at least 120 metres. The lens strikes 140 degrees and dips 50-60 degrees to the northeast. Measured geological reserves are estimated at 242,849 tonnes grading 6.51 grams per tonne gold, 73.37 grams per tonne silver, 2.14 per cent lead, 2.24 per cent zinc and 0.52 per cent copper (B.C. Minfile; George Cross News Letter #8, 1987). The southern or L98 lens contains measured geological reserves of 133,536 tonnes grading 61.71 grams per tonne silver, 5.41 grams per tonne gold, 0.69 per cent copper, 2.4 per cent lead and 2.4 per cent zinc (B.C. Minfile; Northern Miner - November 30, 1987).

4.2 **Samatosum** (from B.C. Minfile)

The Samatosum deposit was mined for a period of approximately three years between 1989 and 1992, mainly by open pit. Like the Rea Gold zone, it trends northwest and dips to the northeast.

The area of the deposit has been divided into several northwest trending, northeast dipping panels of rocks. From northeast to southwest these include: 1) the Tshinikan Limestone, which forms steep, massive cliffs which dominate the topography of the area; 2) a mixed sequence of interbedded chert and argillite; 3) mafic volcanic rocks; 4) rocks of the "Mine Series," which consists largely of mixed sedimentary rocks and mafic volcanic rocks, but which also includes minor but significant interbedded felsic to intermediate volcanic rocks that form the immediate host rocks for both the Samatosum and Rea Gold deposits; and finally 5) a thick unit of argillite and wacke and a package of felsic volcanic rocks which lie in the structural footwall of the Mine Series.

The generalized ore stratigraphy reveals the stratabound nature of the Samatosum orebody, which lies near the hangingwall side (in stratigraphic terms) of the highly altered and intensely strained Mine Series. The mixed sedimentary rocks proximal to the deposit are characterized by the presence of yellow to white sericite, but contain lenses of chert or quartz that range up to 30 per cent by volume. The structurally underlying altered argillite is characterized by light silvery grey muscovite and sericite. Both units represent altered lithologies, and their protolith was probably a sequence of argillite, wacke, and fine tuff. The altered rocks also commonly contain fine-grained pyrite, which may range in abundance up to 60 per cent. The altered pyritic rocks may yield low base and precious metals grades.

The Samatosum deposit likely represents an early-formed, highly deformed quartz vein system containing massive to disseminated tetrahedrite, sphalerite, galena and chalcopyrite. The upper portion of the orebody is tabular, averages about 5 metres in thickness, strikes northwesterly for about 500 metres, and dips at an average of 30 degrees to the north northeast, for a total down-dip distance of approximately 100 to 150 metres. In the northern half of the deposit, the tabular nature of the orebody gives way down dip to an apparent synformal structure, which is interpreted to have been formed through imbrication and local overturning along local contractional faults.

Tetrahedrite was the main economic mineral in the Samatosum orebody, followed in order of importance by sphalerite, chalcopyrite and galena. Tetrahedrite also appears to have been the most uniformly distributed of the ore-bearing minerals, while the sphalerite, galena and chalcopyrite were distributed more erratically, particularly in the northern part of the orebody. The tetrahedrite contained 36 per cent copper, 25 per cent sulphur, 23 per cent antimony, 5 per cent zinc, 4 per cent silver, 3 per cent arsenic and 2 per cent iron. The principal gangue minerals in the ore body were quartz (30 per cent), dolomite (19 per cent) and pyrite (11 per cent).

Sericite and muscovite are by far the dominant alteration minerals in the Mine Series rocks at Samotosum. They are interpreted, in part, to be products of the deformation and metamorphism affecting the original ore-related alteration products. All units from the lower portion of the structurally overlying mafic volcanic rocks through the entire Mine Series stratigraphy contain abundant sericite, although remnants of relatively unaltered protoliths are also common. Other significant alteration zones immediate to the deposit include: silicification or silica flooding of portions of wallrock surrounding the orebody; dolomite, the bulk of which is believed to be a late-stage fault-related overprint; pyritization, as a replacement feature of lapilli in the structurally-overlying mafic pyroclastic sequence; and fuchsite, almost entirely restricted to a several metre thick shear zone near the footwall of the ore zone.

Underground mineable reserves remaining at Samatosum are 80,278 tonnes grading 1.2 per cent copper, 2.9 per cent zinc, 1.7 per cent lead, 1021.5 grams per tonne silver and 1.7 grams per tonne gold (B.C. Minfile; Northern Miner - August 5, 1991).

4.3 Homestake (from B.C. Minfile)

The Homestake deposit is hosted by quartz-talc-sericite schists, sericite-quartz phyllite and sericite-chlorite-quartz phyllite derived from felsic to intermediate volcanic rocks of the Eagle Bay Formation. The rocks are structurally(?) overlain by intermediate to felsic volcanic and volcaniclastic rocks which host the Rea Gold deposit to the north, and the Rea Gold correlatives are in turn overlain by metasedimentary rocks consisting of argillites, siltstones and grits, which are themselves structurally overlain to the east by mafic volcanic rocks.

The Homestake deposit lies on the southern limb of a northwest trending, tight, overturned syncline. An east dipping thrust fault is inferred to separate the felsic to intermediate metavolcanics from more mafic metavolcanic rocks to the east.

At the Homestake deposit, several barite-rich lenses containing variable amounts of sulphides occur near the top of a bleached, rusty-yellowish weathering zone of pyritic sericite-quartz schist which is interpreted to be a highly alteredfelsic tuff. The schistosity and compositional layering dip at shallow to moderate angles to the northeast, and the mineralization occurs as two tabular horizons separated by 4 to 5 metres of schist. The largest mineralized body, referred to locally as the "barite bluff", is 5 to 6 metres wide on surface and contains most of the sulphides. A lower horizon, 1 to 2 metres thick, contains only minor sulphides. Underground, the barite-sulphide lenses have been traced intermittently for several hundred metres.

The main horizon consists of massive to banded barite, metallic minerals and quartz-sericite schist. It is commonly cut by veins and lenses of quartz. The metallic minerals include tetrahedrite, galena, sphalerite, pyrite, chalcopyrite, argentite, native silver, trace ruby silver and native gold.

Probable reserves at the Homestake mine are 249,906 tonnes grading 226.6 grams per tonne silver, 36.7 per cent barite, 0.28 per cent copper, 1.24 per cent lead, 2.19 per cent zinc and 0.58 grams per tonne gold (B.C. Minfile; Statement of Material Facts 06/06/86, Kamad Silver Company Ltd.). Several small sulphide lenses also occur between 500 metres and 2 kilometres southeast of the Homestake deposit, while several conformable quartz lenses containing pyrite, chalcopyrite, galena, and sphalerite occur approximately 1 kilometre to the northwest.

All of the known lenses occur within a belt, up to 600 metres wide, of sericite and quartz-sericite schist which extends for at least 7 kilometres northwest from the Squaam Bay area on Adams Lake. The sericite schist is fine-grained, fissile and commonly weathers a distinct yellow colour due to coatings ferric sulphate coating.

One other silver-lead-zinc copper prospect in the Rea Gold-Samatosum-Homestake region is the K-7 occurrence, only 500 metres south of the Samatosum mine. As for gold, BC Minfile indicates that placer gold has been recovered from the North Thompson River, Louis Creek, as well as Dixon Creek, which is an active placer working in the area. No documentation has been found to confirm these locations and findings by BC Minfile.

4.4 Mt. Armour

According to Caulfield and Harris (2000), the two massive sulphides showings, referred to as the Main and South showings, were originally discovered in the early 1900's. In the 1960's, J. A. Fennell, a local prospector, drilled the Main showing, but the results were not publicly documented, and were said to be inconclusive (Vollo 1980). Craigmont Mines Ltd. started work on the property in 1980, collecting 340 soil samples in a geochemical survey, and running 20 line-km VLF-EM and magnetometer survey (Vollo 1980). Zinc, copper, and lead were anomalous in the soils, and the northwest trending VLF-EM anomalies were found to be coincident with the soil results. Vollo (1980) recommended that, at the very least, the best coincident soil and VLF-EM anomaly should be drilled, but no drilling took place.

In 1985, Cutty Resources Inc. and Corporation Falconbridge Copper started work on the property, with linecutting and a 1292 sample soil geochemical grid. The soil grid produced several multi-element anomalies (Zn, Au, Ag, Cu, Pb), and a geologic mapping program and an IP survey were proposed (Pirie 1986). The following year, the proposed work was completed, and a total of five drill holes, for 410 total metres drilled. The first two holes targeted the Main showing and yielded the best results. The first drillhole, AR#1, yielded the best intercept, with 4.1% Zn and 0.29% Cu over 1.04 metres, as well as 0.44% Zn and 0.73% Cu over 1.44 metres. The second hole, AR #2, had a 0.7 metre intercept of 0.85% Zn and 0.10% Cu. The mineralization was hosted within argillite, and occurred as massive coarse to fine grained pyrite with trace sphalerite (70 to 85% total sulphide; Pirie 1987). The third hole targeted a coincident IP and soil anomaly with no surface showing, and the anomaly was explained by moderately anomalous values downhole, including 0.66% Zn and 0.05% Cu over 1.2 metres. Mineralization was slightly different in this hole, as the intersection included 20-25% pyrite veinlets with 1-2% sphalerite; the host rocks were chert (Pirie 198). The fourth hole targeted the South showing but possibly due to poor positioning and orientation, the showing was not intersected at depth. The final hole also targeted a coincident soil and IP anomaly, but also did not intercept any significant mineralization. No further work was undertaken by the companies following the drilling (Pirie 1987).

In 2000, Rimfire Minerals Corporation undertook a geochemical and geological program that was essentially a follow-up to a prospecting program undertaken in 1998 (Caulfied and Harris 2000). The geochemical work indicated that there were only low levels of Ba and As on the property, suggesting that the style of mineralization at Mt. Armour was different than that found at Rea, Samatosum, and Homestake. An anomalous B.C. R.G.S. till sample (# 979377) on the property was also discussed in this report, as were several massive sulphide boulders which were discovered in till 100 metres north of the Main showing. It was suggested that the source of the boulders was most likely up ice, west-northwest of the showings, suggesting the possibility that mineralization may extend beyond the area mapped. More mapping, prospecting and a more detailed VLF-EM survey was recommended (Caulfield and Harris 2000), but no further work was apparently undertaken .

5.0 Gravity Survey

In August 2007, a 19.2 line-kilometre gravity survey was completed by MWH Geo-Surveys Inc., of Reno, Nevada. The survey was undertaken by a three person crew, headed by Kevin MacNabb. Stations were set at 50 metres, with lines every 100 metres. A total of 410 grid stations were established, and 20 stations were established in the area surrounding the grid (Figure 5; Appendix I). The survey was completed in approximately 2 weeks.

The gravity survey data was plotted as Bougeur and Residual anomalies by MWH Geo-Surveys Inc., and re-analysed and interpreted by consulting geophysicist Jan Klein (see Appendix II), who concluded that there was no evidence for a massive sulphide body in the gravity data set. Klein suggested instead that an electromagnetic survey would be a better geophysical tool to explore for massive sulphides on the Mt. Armour property. It should be noted, however, that plots (e.g., fig. 6) of the residual gravity data do leave open the possibility of untested gravity residuals on the Mt. Armour property, particularly on the flanks of Mt. Armour itself (e.g., toward the southwest and to a lesser extent toward the northeast margins of the grid). Extending the grid

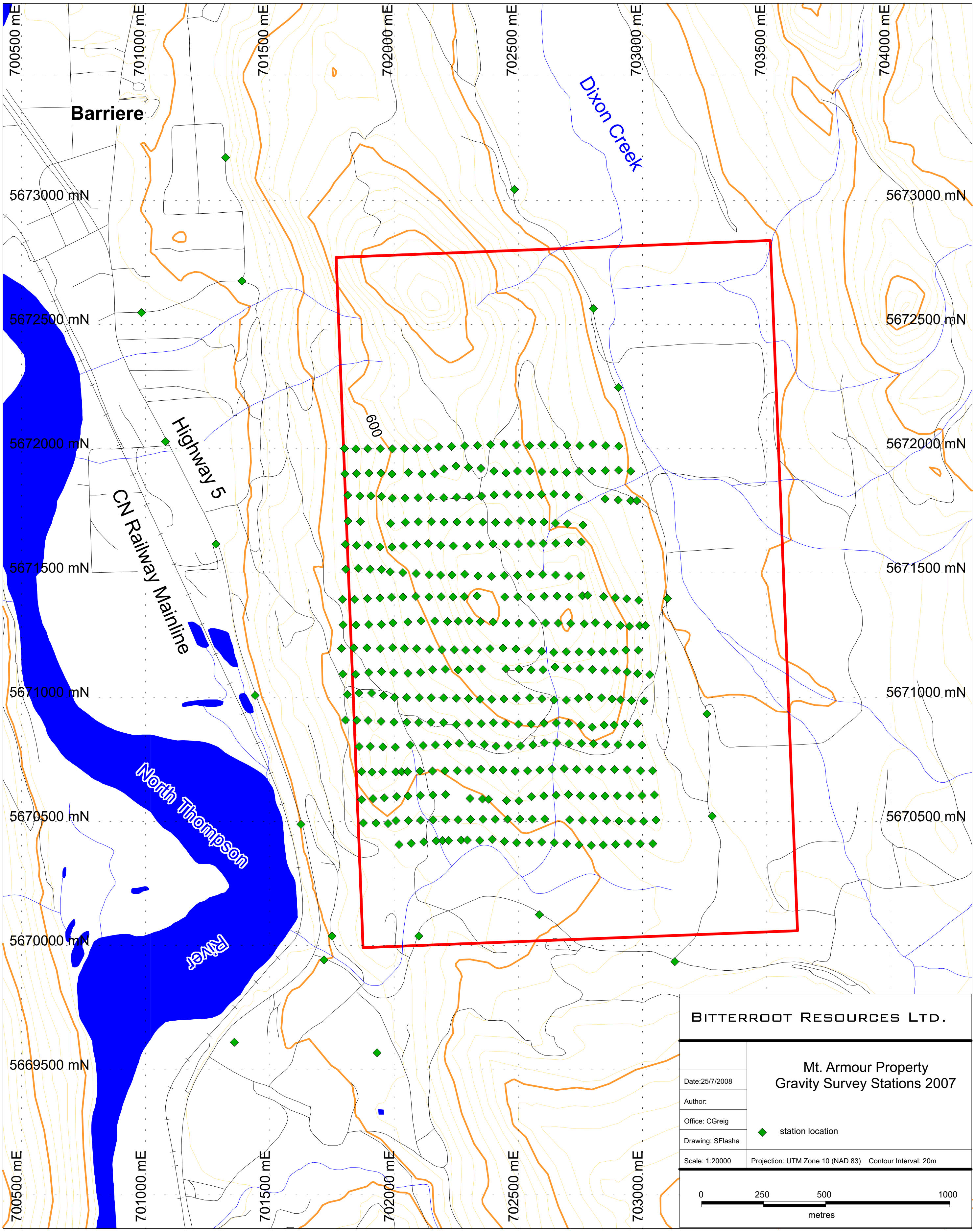

Figure 5. Location of the 2007 gravity survey stations, Mt. Armour property.

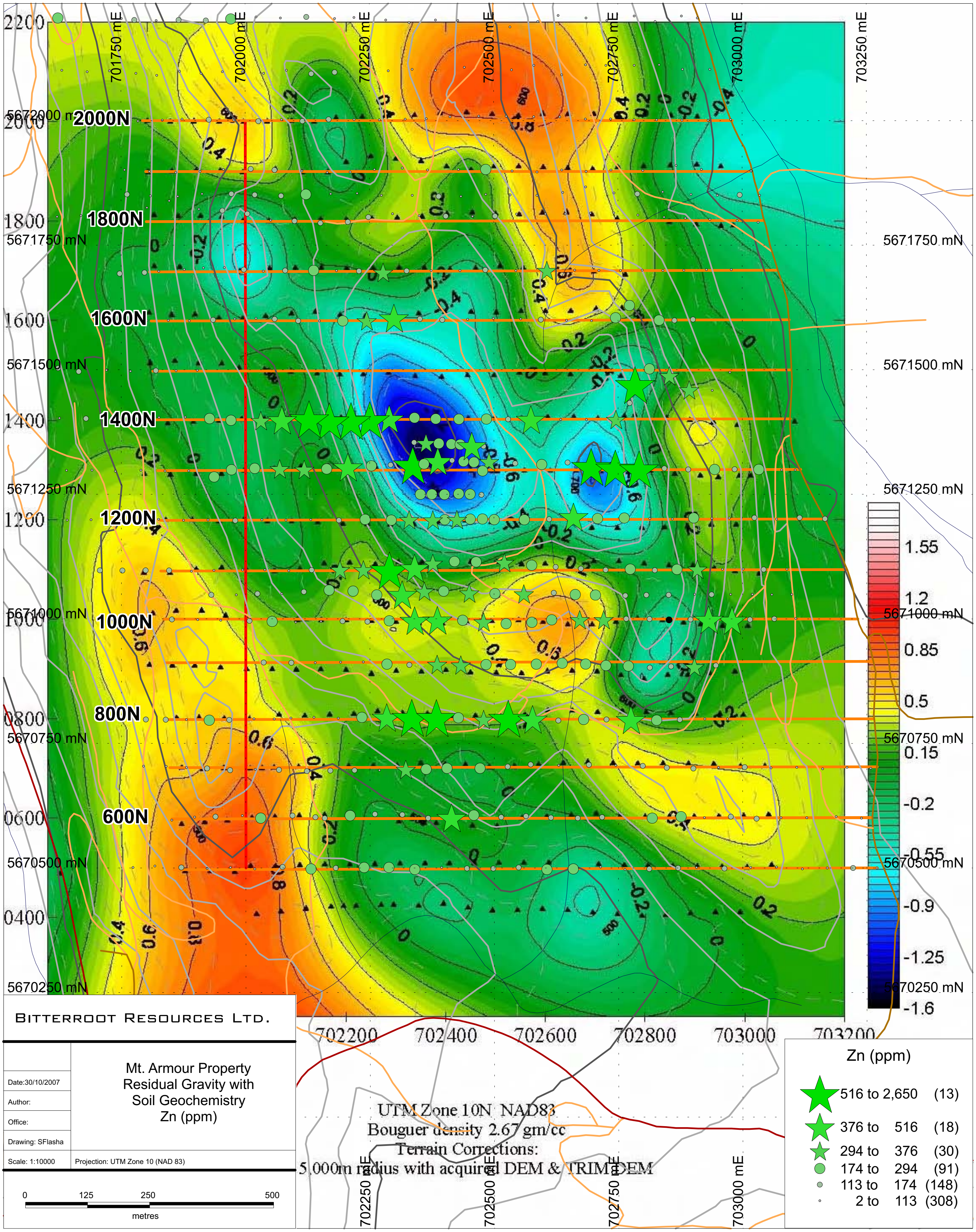

Figure 6. Residual gravity and Zn soil geochemistry, Mt. Armour property.

somewhat in those directions, particularly toward the south, where there is a crude correlation with geochemistry therefore remains an intriguing possibility. Also intriguing would be an attempt to correlate the gravity and geochemical data, either via obtaining a clearer copy of geologic maps detailing the previous work, or by re-mapping the property.

6.0 Recommendations

As per both Jan Klein's and Caulfield and Harris' (2000) recommendations, a new detailed electromagnetic survey might be considered on the Mt. Armour property. Further work, particularly geologic mapping and prospecting, should also be considered, as should extending the gravity grid. The focus should be on the area to the southwest, where there is an untested residual gravity anomaly (and more or less coincident geochem), as well as beyond the main showing area to the west-northwest, from where the anomalous B.C.R.G.S. till sample was apparently collected (Caulfield and Harris 2000).

7.0 References

Caulfield, D. A., and Harris, S. 2000. Geological and Geochemical Program on the Armour Property. Kamloops Mining Division, British Columbia; Unpublished Assessment Report by Rimfire Minerals Corporation; British Columbia Ministry of Energy and Mines, Assessment Report No. 26,436, 35p.

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Vollo, N. B., 1980, Geophysical and Geochemical Assessment Report on the AM-1 Claim, Kamloops Mining Division, British Columbia; Unpublished Assessment Report by Craigmont Mines Ltd.; British Columbia Ministry of Energy and Mines, Assessment Report No. 7,855, 12p.

Appendix I. MWH Geo-Surveys Inc. Raw Data

MWH Geo-Surveys, Inc.

Gravity Survey at Mount Armour, BC

for Bitterroot Resources

Boug density #1:	2.10	unique stat	421
Boug density #2:	2.30	repeats:	9
Boug density #3:	2.67	stdev of re	0.021

Line	Station	Date	Time Local	Meter	Dial	C-Aliod	H.I.	Tide	StatG	G Observed	1-16.5m B	16.5-275m mid TC	.275-5km far TC	total Terr C TC@2.0	NIMA 1998 Theoretical	Elev (m)	UTM10 Northing	NAD83 Easting	BG @2.10	BG @2.30	BG @2.67
4	2000	2007/8/22	09:39:28	562	4450.00	-8.349	0.670	0.061	4591.960	980943.593	0.05	0.12	1.23	1.40	981173.19	478.27	5670406.84	702019.79	-123.99	-127.99	-135.39
4	2050	2007/8/22	09:32:42	562	4450.00	-7.645	0.680	0.063	4592.668	980944.301	0.01	0.08	1.26	1.35	981173.19	475.81	5670411.97	702068.94	-123.88	-127.86	-135.23
4	2100	2007/8/22	09:27:04	562	4450.00	-7.216	0.770	0.064	4593.124	980944.758	0.00	0.07	1.28	1.34	981173.20	472.50	5670417.43	702119.27	-124.16	-128.12	-135.44
4	2150	2007/8/22	09:21:32	562	4450.00	-7.161	0.740	0.065	4593.171	980944.804	0.00	0.08	1.36	1.44	981173.20	471.47	5670421.52	702169.33	-124.33	-128.27	-135.57
4	2175	2007/8/22	07:09:55	562	4450.00	-7.173	0.750	0.068	4593.162	980944.801	0.00	0.09	1.37	1.46	981173.20	470.75	5670422.78	702194.69	-124.48	-128.42	-135.71
4	2200	2007/8/22	07:17:02	562	4450.00	-7.178	0.780	0.069	4593.166	980944.805	0.00	0.09	1.41	1.50	981173.20	470.45	5670422.92	702219.72	-124.54	-128.47	-135.76
4	2250	2007/8/22	07:21:41	562	4450.00	-7.400	0.710	0.069	4592.922	980944.561	0.00	0.10	1.44	1.53	981173.20	471.25	5670424.61	702269.97	-124.60	-128.54	-135.84
4	2300	2007/8/22	07:29:14	562	4450.00	-7.828	0.770	0.070	4592.512	980944.151	0.00	0.10	1.42	1.52	981173.20	473.59	5670425.21	702295.17	-124.49	-128.46	-135.79
4	2350	2007/8/22	07:33:23	562	4450.00	-8.236	0.750	0.070	4592.098	980943.737	0.00	0.13	1.43	1.56	981173.19	475.31	5670423.31	702345.19	-124.50	-128.47	-135.82
4	2400	2007/8/22	07:40:06	562	4450.00	-8.513	0.840	0.070	4591.850	980943.488	0.02	0.20	1.46	1.68	981173.20	475.79	5670427.58	702395.18	-124.57	-128.54	-135.88
4	2450	2007/8/22	07:45:42	562	4450.00	-10.093	0.810	0.071	4590.260	980941.898	0.05	0.15	1.37	1.58	981173.19	484.69	5670419.47	702444.27	-124.23	-128.28	-135.77
4	2500	2007/8/22	07:50:53	562	4450.00	-11.364	0.820	0.071	4588.992	980940.630	0.02	0.10	1.32	1.44	981173.18	492.44	5670414.10	702493.42	-123.84	-127.96	-135.58
4	2550	2007/8/22	07:56:27	562	4450.00	-11.788	0.670	0.071	4588.521	980940.159	0.01	0.09	1.34	1.43	981173.18	495.33	5670414.32	702543.84	-123.68	-127.83	-135.50
4	2600	2007/8/22	08:02:02	562	4450.00	-10.966	0.710	0.071	4589.356	980940.993	0.00	0.15	1.44	1.59	981173.18	490.50	5670417.02	702593.82	-123.85	-127.95	-135.53
4	2650	2007/8/22	08:06:16	562	4450.00	-11.427	0.700	0.071	4588.892	980940.529	0.00	0.14	1.36	1.50	981173.18	491.66	5670414.58	702644.35	-124.06	-128.17	-135.77
4	2700	2007/8/22	08:10:43	562	4450.00	-11.391	0.760	0.071	4588.947	980940.584	0.00	0.24	1.48	1.72	981173.17	491.15	5670410.08	702694.67	-124.02	-128.11	-135.69
4	2750	2007/8/22	08:21:00	562	4450.00	-11.973	0.690	0.071	4588.343	980939.979	0.01	0.30	1.48	1.79	981173.17	494.58	5670406.17	702744.46	-123.79	-127.91	-135.53
4	2800	2007/8/22	08:28:19	562	4450.00	-13.794	0.800	0.071	4586.556	980938.192	0.01	0.32	1.37	1.71	981173.16	503.88	5670403.63	702793.57	-123.51	-127.70	-135.46
4	2850	2007/8/22	08:33:16	562	4450.00	-16.294	0.700	0.070	4584.025	980935.661	0.02	0.26	1.20	1.48	981173.16	518.32	5670405.09	702841.92	-122.91	-127.23	-135.23
4	2900	2007/8/22	08:38:04	562	4450.00	-17.767	0.760	0.070	4582.571	980934.206	0.01	0.23	1.16	1.41	981173.16	526.44	5670407.78	702891.43	-122.60	-126.99	-135.12
4	2950	2007/8/22	08:42:47	562	4450.00	-19.230	0.650	0.070	4581.073	980932.708	0.00	0.21	1.14	1.35	981173.16	533.47	5670410.48	702941.12	-122.58	-127.03	-135.27
4	3000	2007/8/22	08:47:31	562	4450.00	-19.872	0.770	0.069	4580.469	980932.104	0.02	0.22	1.14	1.38	981173.16	537.26	5670410.07	702990.76	-122.33	-126.82	-135.11
4	3050	2007/8/22	08:52:29	562	4450.00	-21.480	0.650	0.069	4578.824	980930.459	0.07	0.18	1.13	1.38	981173.15	546.04	5670410.70	703041.41	-122.08	-126.64	-135.08
5	1850	2007/8/22	09:51:33	562	4450.00	-7.101	0.740	0.059	4593.230	980944.862	0.01	0.34	1.32	1.67	981173.26	469.61	5670493.83	701876.29	-124.48	-128.38	-135.60
5	1900	2007/8/22	09:56:58	562	4450.00	-8.502	0.650	0.058	4591.801	980943.433	0.05	0.36	1.28	1.68	981173.26	477.16	5670492.76	701927.28	-124.22	-128.19	-135.52
5	1950	2007/8/22	10:03:05	562	4450.00	-10.527	0.600	0.056	4589.761	980941.393	0.08	0.30	1.24	1.61	981173.26	489.05	5670491.55	701975.66	-123.70	-127.77	-135.30
5	2000	2007/8/22	10:08:35	562	4450.00	-11.019	0.720	0.055	4589.306	980940.937	0.05	0.29	1.22	1.56	981173.27	493.13	5670503.26	702007.77	-123.26	-127.37	-134.97
5	2050	2007/8/17	06:32:31	725	4500.00	6.622	0.750	-0.029	4594.193	980941.968	0.05	0.20	1.23	1.48	981173.27	487.93	5670503.34	702057.64	-123.48	-127.55	-135.08
5	2100	2007/8/17	06:38:38	725	4500.00	8.360	0.750	-0.030	4595.931	980943.705	0.01	0.16	1.32	1.49	981173.27	477.28	5670505.10	702106.53	-124.13	-128.11	-135.49
5	2150	2007/8/17	06:43:00	725	4500.00	8.205	0.790	-0.031	4595.789	980943.562	0.00	0.13	1.36	1.49	981173.27	477.26	5670506.59	702156.64	-124.31	-128.30	-135.68
5	2200	2007/8/17	06:47:22	725	4500.00	7.959	0.790	-0.032	4595.542	980943.315	0.01	0.11	1.37	1.48	981173.26	477.96	5670506.58	702207.03	-124.42	-128.42	-135.81
5	2250	2007/8/17	06:52:34	725	4500.00	7.994	0.780	-0.033	4595.575	980943.347	0.00	0.14	1.41	1.56	981173.26	477.82	5670507.27	702257.32	-124.39	-128.38	-135.77
5	2300	2007/8/17	06:58:30	725	4500.00	7.430	0.790	-0.034	4595.013	980942.784	0.00	0.19	1.45	1.64	981173.26	479.60	5670507.82	702307.57	-124.51	-128.51	-135.92
5	2350	2007/8/17	07:03:37	725	4500.00	7.249	0.820	-0.035	4594.842	980942.612	0.02	0.27	1.45	1.73	981173.26	480.52	5670508.35	702357.92	-124.39	-128.39	-135.80
5	2400	2007/8/17	07:11:46	725	4500.00	5.288	0.810	-0.037	4592.878	980940.646	0.02	0.27	1.37	1.65	981173.26	491.68	5670508.59	702406.89	-123.89	-127.99	-135.57
5	2450	2007/8/17	07:26:41	725	4500.00	4.437	0.770	-0.039	4592.015	980939.781	0.00	0.25	1.32	1.58	981173.26	496.72	5670508.71	702456.90	-123.66	-127.80	-135.46
5	2500	2007/8/17	07:32:20	725	4500.00	3.289	0.790	-0.040	4590.873	980938.638	0.00	0.22	1.29	1.51	981173.25	503.19	5670509.18	702506.28	-123.41	-127.61	-135.37
5	2550	2007/8/17	07:37:02	725	4500.00	2.880	0.780	-0.041	4590.461	980938.225	0.00	0.20	1.32	1.52	981173.25	505.39	5670509.39	702556.35	-123.35	-127.57	-135.37
5	2600	2007/8/17	07:42:57	725	4500.00	2.699	0.700	-0.041	4590.255	980938.018	0.00	0.19	1.32	1.52	981173.25	505.81	5670509.71	702606.47	-123.48	-127.70	-135.51
5	2700	2007/8/17	08:08:09	725	4500.00	3.404	0.710	-0.044	4590.963	980938.721	0.03	0.37	1.45	1.85	981173.25	500.21	5670506.47	702706.72	-123.82	-127.98	-135.67
5	2750	2007/8/17	08:21:40	725	4500.00	0.981	0.850	-0.045	4588.583	980936.340	0.13	0.39	1.32	1.83	981173.24	512.92	5670505.09	702757.96	-123.37	-127.63	-135.52
5	2800	2007/8/17	08:28:01	725	4500.00	-1.563	0.780	-0.045	4586.018	980933.773	0.21	0.34	1.19	1.75	981173.24	527.72	5670503.73	702805.51	-122.72	-127.11	-135.23
5	2850	2007/8/17	08:35:20	725	4500.00	-2.827	0.830	-0.045	4584.769	980932.523	0.12	0.33	1.14	1.59	981173.24	534.58	5670502.99	702855.54	-122.47	-126.92	-135.15
5	2900	2007/8/17	08:41:01	725	4500.00	-4.783	0.750	-0.045	4582.788	980930.541	0.09	0.33	1.12	1.54	981173.23	545.03	5670502.13	702905.07	-122.14	-126.68	-135.07
5	2950	2007/8/17	08:47:01	725	4500.00	-6.701	0.750	-0.045	4580.871	980928.623	0.06	0.32	1.12	1.51	981173.23	555.69	5670501.68	702954.55	-121.71	-126.34	-134.90
5	3000	2007/8/17	08:56:43	725	4500.00	-8.374	0.680	-0.045	4579.176	980926.926	0.06	0.28	1.16	1.50	981173.23	564.43	5670500.55	703004.68	-121.52	-126.23	-134.93
5	3050	2007/8/17	09:05:28	725	4500.00	-8.414	0.790	-0.045	4579.170	980926.919	0.04	0.17	1.21	1.42	981173.23	564.98	5670505.45	703054.12	-121.53	-126.25	-134.98

Line	Station	Date	Time Local	Meter	Dial	TC-Aliod	H.I.	Tide	StatG	G Observed	1-16.5m B	16.5-275m mid TC	.275-5km far TC	total Terr C TC@2.0	NIMA 1998 Theoretical	Elev (m)	UTM10 Northing	NAD83 Easting	BG @2.10	BG @2.30	BG @2.67
6	1850	2007/8/22	10:35:31	562	4450.00	-9.831	0.590	0.047	4590.454	980942.084	0.00	0.53	1.32	1.85	981173.34	483.08	5670587.25	701869.28	-124.15	-128.15	-135.55
6	1900	2007/8/22	10:29:21	562	4450.00	-13.760	0.830	0.049	4586.599	980938.229	0.02	0.53	1.29	1.84	981173.34	503.60	5670591.77	701915.51	-123.49	-127.66	-135.38
6	1950	2007/8/22	10:20:05	562	4450.00	-16.760	0.690	0.051	4583.556	980935.186	0.02	0.43	1.30	1.74	981173.34	520.45	5670594.67	701960.78	-122.92	-127.24	-135.24
6	2000	2007/8/22	10:15:27	562	4450.00	-15.942	0.740	0.053	4584.389	980936.020	0.04	0.33	1.24	1.62	981173.34	517.37	5670599.83	702010.66	-122.87	-127.17	-135.14
6	2050	2007/8/16	14:00:41	725	4500.00	4.666	0.750	0.005	4592.237	980940.104	0.04	0.28	1.25	1.57	981173.34	496.70	5670601.91	702056.42	-123.40	-127.54	-135.19
6	2100	2007/8/16	14:05:21	725	4500.00	5.996	0.770	0.005	4593.574	980941.440	0.02	0.23	1.30	1.55	981173.34	489.18	5670604.51	702105.50	-123.77	-127.85	-135.40
6	2150	2007/8/16	14:10:40	725	4500.00	5.983	0.800	0.004	4593.570	980941.437	0.02	0.20	1.34	1.57	981173.34	488.84	5670606.16	702155.97	-123.88	-127.96	-135.51
6	2200	2007/8/16	14:28:18	725	4500.00	5.751	0.760	0.002	4593.325	980941.192	0.01	0.23	1.39	1.63	981173.34	488.94	5670608.03	702207.64	-124.08	-128.15	-135.70
6	2300	2007/8/16	14:33:11	725	4500.00	5.792	0.710	0.001	4593.352	980941.218	0.00	0.41	1.46	1.88	981173.33	488.21	5670592.35	702305.55	-124.01	-128.06	-135.56
6	2350	2007/8/16	14:39:04	725	4500.00	4.821	0.770	0.000	4592.399	980940.265	0.01	0.49	1.41	1.91	981173.32	493.51	5670590.21	702355.52	-123.70	-127.79	-135.36
6	2375	2007/8/17	07:19:26	725	4500.00	4.387	0.760	-0.038	4591.961	980939.728	0.04	0.55	1.39	1.98	981173.32	495.76	5670589.19	702380.41	-123.68	-127.78	-135.37
6	2450	2007/8/16	14:49:43	725	4500.00	0.886	0.680	-0.002	4588.436	980936.302	0.09	0.59	1.27	1.95	981173.31	513.31	5670584.34	702453.01	-123.18	-127.43	-135.28
6	2500	2007/8/16	14:56:33	725	4500.00	-0.230	0.640	-0.003	4587.308	980935.174	0.10	0.47	1.22	1.79	981173.31	519.55	5670583.51	702502.62	-123.06	-127.37	-135.34
6	2550	2007/8/16	15:07:34	725	4500.00	-0.981	0.730	-0.005	4586.585	980934.451	0.08	0.33	1.25	1.66	981173.32	523.56	5670599.48	702553.00	-123.05	-127.41	-135.47
6	2600	2007/8/16	15:13:57	725	4500.00	0.190	0.670	-0.007	4587.736	980935.603	0.03	0.30	1.33	1.67	981173.32	518.70	5670602.78	702602.63	-123.00	-127.32	-135.31
6	2650	2007/8/16	15:18:47	725	4500.00	0.489	0.770	-0.008	4588.067	980935.933	0.03	0.34	1.34	1.70	981173.32	516.69	5670605.50	702652.09	-123.08	-127.38	-135.33
6	2700	2007/8/16	15:23:34	725	4500.00	-0.088	0.760	-0.010	4587.487	980935.353	0.04	0.47	1.34	1.85	981173.33	519.62	5670608.30	702701.66	-122.88	-127.19	-135.17
6	2750	2007/8/16	15:30:49	725	4500.00	-2.683	0.810	-0.012	4584.907	980932.773	0.04	0.42	1.21	1.67	981173.32	533.77	5670603.61	702749.94	-122.39	-126.82	-135.03
6	2800	2007/8/16	15:38:05	725	4500.00	-4.415	0.780	-0.014	4583.166	980931.032	0.03	0.34	1.17	1.55	981173.31	543.90	5670602.11	702799.94	-121.97	-126.49	-134.87
6	2850	2007/8/16	15:44:07	725	4500.00	-6.558	0.740	-0.016	4581.010	980928.876	0.04	0.30	1.15	1.48	981173.31	555.12	5670602.30	702849.14	-121.69	-126.32	-134.88
6	2900	2007/8/16	15:50:51	725	4500.00	-8.375	0.710	-0.018	4579.184	980927.050	0.02	0.25	1.17	1.45	981173.31	565.08	5670602.73	702898.50	-121.37	-126.08	-134.80
6	2950	2007/8/16	15:56:21	725	4500.00	-9.988	0.770	-0.020	4577.590	980925.456	0.01	0.20	1.22	1.43	981173.31	573.35	5670603.07	702948.22	-121.19	-125.98	-134.84
6	3000	2007/8/16	16:03:48	725	4500.00	-10.484	0.740	-0.014	4577.084	980924.950	0.01	0.16	1.29	1.46	981173.31	575.67	5670604.05	702997.96	-121.22	-126.04	-134.94
6	3050	2007/8/16	16:09:32	725	4500.00	-9.417	0.790	-0.017	4578.166	980926.032	0.04	0.16	1.22	1.42	981173.31	569.48	5670606.75	703047.89	-121.51	-126.27	-135.08
7	1850	2007/8/22	10:46:19	562	4450.00	-16.292	0.830	0.043	4584.067	980935.697	0.07	0.65	1.37	2.09	981173.42	515.39	5670700.48	701869.63	-123.38	-127.64	-135.51
7	1900	2007/8/22	10:58:06	562	4450.00	-22.250	1.450	0.039	4578.301	980929.929	0.18	0.69	1.53	2.39	981173.42	542.64	5670698.17	701911.29	-123.09	-127.57	-135.86
7	1950	2007/8/22	11:05:04	562	4450.00	-21.466	0.780	0.037	4578.877	980930.506	0.09	0.49	1.49	2.08	981173.42	543.72	5670700.34	701954.38	-122.48	-126.99	-135.33
7	2000	2007/8/16	10:37:19	725	4500.00	-0.584	0.670	-0.029	4586.963	980934.831	0.06	0.29	1.28	1.63	981173.42	524.84	5670699.36	702006.64	-122.53	-126.90	-134.99
7	2025	2007/8/16	10:45:51	725	4500.00	0.865	0.750	-0.027	4588.436	980936.304	0.07	0.28	1.26	1.61	981173.42	517.21	5670700.06	702030.85	-122.75	-127.06	-135.03
7	2050	2007/8/16	10:50:12	725	4500.00	2.084	0.660	-0.025	4589.628	980937.496	0.06	0.29	1.26	1.61	981173.42	510.68	5670700.49	702054.83	-122.99	-127.24	-135.11
7	2100	2007/8/16	10:55:44	725	4500.00	3.159	0.800	-0.024	4590.746	980938.614	0.02	0.29	1.29	1.60	981173.42	505.25	5670702.21	702104.27	-123.07	-127.28	-135.06
7	2150	2007/8/16	11:02:15	725	4500.00	3.385	0.830	-0.022	4590.981	980938.849	0.01	0.35	1.34	1.70	981173.42	502.13	5670702.91	702154.45	-123.46	-127.64	-135.37
7	2150	2007/8/16	16:52:41	725	4500.00	3.421	0.780	-0.036	4591.001	980938.867	0.01	0.35	1.34	1.70	981173.42	502.13	5670702.91	702154.45	-123.45	-127.62	-135.35
7	2200	2007/8/16	11:06:36	725	4500.00	3.057	0.770	-0.020	4590.635	980938.502	0.03	0.44	1.38	1.86	981173.42	502.23	5670703.75	702204.45	-123.69	-127.86	-135.57
7	2250	2007/8/16	11:13:20	725	4500.00	2.260	0.700	-0.018	4589.816	980937.684	0.08	0.49	1.34	1.91	981173.42	505.53	5670704.47	702254.11	-123.73	-127.92	-135.67
7	2300	2007/8/16	11:21:30	725	4500.00	-0.669	0.620	-0.016	4586.862	980934.730	0.10	0.42	1.30	1.82	981173.41	521.53	5670704.84	702301.66	-123.22	-127.55	-135.57
7	2350	2007/8/16	11:29:20	725	4500.00	-2.351	0.740	-0.014	4585.218	980933.085	0.09	0.42	1.27	1.77	981173.42	530.46	5670709.89	702349.58	-122.90	-127.31	-135.46
7	2400	2007/8/16	11:40:15	725	4500.00	-3.823	0.610	-0.011	4583.705	980931.572	0.12	0.50	1.25	1.87	981173.41	537.08	5670707.47	702398.42	-122.86	-127.31	-135.55
7	2450	2007/8/16	11:50:15	725	4500.00	-9.349	0.340	-0.009	4578.096	980925.963	0.14	0.54	1.26	1.94	981173.41	563.94	5670706.92	702439.07	-122.50	-127.18	-135.83
7	2500	2007/8/17	10:31:21	725	4500.00	-7.376	0.830	-0.037	4580.220	980927.955	0.11	0.36	1.25	1.73	981173.40	556.98	5670702.10	702487.11	-122.23	-126.86	-135.44
7	2500	2007/8/16	12:08:08	725	4500.00	-7.465	0.770	-0.004	4580.112	980927.980	0.09	0.36	1.25	1.71	981173.40	556.98	5670702.10	702487.11	-122.20	-126.84	-135.41
7	2550	2007/8/17	10:26:00	725	4500.00	-6.564	0.790	-0.038	4581.020	980928.755	0.07	0.37	1.24	1.68	981173.40	553.44	5670703.54	702537.34	-122.20	-126.80	-135.32
7	2600	2007/8/17	10:20:42	725	4500.00	-4.224	0.790	-0.038	4583.360	980931.096	0.04	0.45	1.28	1.76	981173.41	541.64	5670706.90	702586.22	-122.38	-126.88	-135.20
7	2650	2007/8/17	10:13:45	725	4500.00	-2.545	0.630	-0.039	4584.990	980932.727	0.03	0.52	1.29	1.84	981173.41	532.62	5670709.97	702635.46	-122.67	-127.08	-135.25
7	2700	2007/8/17	10:07:28	725	4500.00	-4.483	0.730	-0.040	4583.082	980930.821	0.04	0.48	1.26	1.78	981173.41	543.87	5670712.35	702684.72	-122.13	-126.65	-135.00
7	2750	2007/8/17	10:01:10	725	4500.00	-5.178	0.780	-0.041	4582.403	980930.142	0.05	0.43	1.23	1.71	981173.40	547.89	5670708.93	702734.86	-121.97	-126.52	-134.94
7	2800	2007/8/17	09:55:36	725	4500.00	-6.723	0.710	-0.041	4580.836	980928.577	0.04	0.36	1.21	1.61	981173.40	556.71	5670708.94	702785.40	-121.66	-126.30	-134.87
7	2850	2007/8/17	09:46:52	725	4500.00	-9.114	0.700	-0.042	4578.442	980926.184	0.05	0.26	1.22	1.53	981173.40	568.85	5670709.35	702835.81	-121.48	-126.23	-135.00
7	2900	2007/8/17	09:36:37	725	4500.00	-9.212	0.710	-0.043	4578.347	980926.091	0.03	0.19	1.24	1.46	981173.39	570.01	5670708.98	702887.23	-121.39	-126.15	-134.96
7	2950	2007/8/17	09:29:24	725	4500.00	-10.750	0.690	-0.044	4576.803	980924.548	0.02	0.13	1.30	1.45	981173.39	577.61	5670708.43	702937.65	-121.32	-126.15	-135.09
7	3000	2007/8/16	16:27:20	725	4500.00	-10.459	0.720	-0.025	4577.103	980924.969	0.03	0.15	1.27	1.45	981173.39	575.08	5670703.76	702991.83	-121.42	-126.23	-135.12
7	3050	2007/8/16	16:20:05	725	4500.00	-7.841	0.750	-0.022	4579.730	980927.596	0.08	0.18	1.24	1.49	981173.39	561.00	5670703.95	703040.43	-121.88	-126.57	-135.24
8	1850	2007/8/22	11:34:17	562	4450.00	-17.907	0.640	0.026	4582.393	980934.020	0.22	0.56	1.42	2.19	981173.50	523.48	5670801.22	701859.19	-123.45	-127.78	-135.80
8	1900	2007/8/22	11:27:17	562	4450.00	-21.204	0.660	0.029	4579.103	980930.730	0.05	0.40	1.55	2.00	981173.50	543.30	5670801.69	701904.11	-122.53	-127.05	-135.41
8	1950	2007/8/22	11:22:03	562	4450.00	-20.878	0.670	0.031	4579.432	980931.060	0.02	0.21	1.51	1.74	981173.50	543.34	5670800.29	701954.57	-122.38	-126.92	-135.31

Line	Station	Date	Time Local	Meter	Dial	ΓC-Aliod	H.I.	Tide	StatG	G Observed	1-16.5m B	16.5-275m mid TC	.275-5km far TC	total Terr C TC@2.0	NIMA 1998 Theoretical	Elev (m)	UTM10 Northing	NAD83 Easting	BG @2.10	BG @2.30	BG @2.67
8	2000	2007/8/17	10:55:15	725	4500.00	-2.767	0.770	-0.033	4584.811	980932.541	0.02	0.16	1.33	1.51	981173.50	535.65	5670798.96	702005.29	-122.66	-127.13	-135.41
8	2050	2007/8/17	11:04:19	725	4500.00	-0.502	0.780	-0.031	4587.079	980934.808	0.03	0.19	1.31	1.53	981173.50	523.75	5670807.63	702065.07	-122.98	-127.35	-135.44
8	2100	2007/8/17	11:13:36	725	4500.00	-0.888	0.690	-0.030	4586.665	980934.393	0.04	0.28	1.30	1.61	981173.50	525.39	5670805.53	702116.79	-122.94	-127.32	-135.42
8	2150	2007/8/17	11:36:36	725	4500.00	-1.128	0.730	-0.026	4586.437	980934.160	0.08	0.36	1.32	1.75	981173.50	525.98	5670807.78	702166.36	-122.96	-127.33	-135.43
8	2200	2007/8/17	11:44:24	725	4500.00	-2.835	0.770	-0.025	4584.742	980932.464	0.07	0.37	1.31	1.74	981173.50	534.84	5670809.23	702215.07	-122.69	-127.14	-135.37
8	2250	2007/8/17	11:51:19	725	4500.00	-4.819	0.700	-0.023	4582.737	980930.458	0.02	0.35	1.29	1.66	981173.50	545.97	5670814.77	702262.67	-122.27	-126.81	-135.22
8	2300	2007/8/17	11:58:07	725	4500.00	-5.130	0.790	-0.022	4582.454	980930.174	0.01	0.44	1.29	1.74	981173.50	546.86	5670811.14	702312.42	-122.26	-126.80	-135.20
8	2350	2007/8/17	12:04:35	725	4500.00	-6.057	0.640	-0.021	4581.481	980929.200	0.03	0.54	1.30	1.86	981173.49	551.40	5670809.64	702362.86	-122.12	-126.69	-135.14
8	2400	2007/8/17	12:13:02	725	4500.00	-6.777	0.770	-0.020	4580.801	980928.518	0.05	0.56	1.31	1.91	981173.48	554.98	5670802.09	702410.12	-121.98	-126.58	-135.08
8	2450	2007/8/17	12:27:20	725	4500.00	-8.546	0.740	-0.018	4579.023	980926.737	0.04	0.51	1.31	1.86	981173.49	564.61	5670805.54	702459.12	-121.69	-126.38	-135.04
8	2500	2007/8/17	12:33:34	725	4500.00	-9.832	0.740	-0.017	4577.736	980925.450	0.04	0.41	1.32	1.78	981173.48	571.39	5670804.13	702508.82	-121.58	-126.33	-135.12
8	2550	2007/8/17	12:42:07	725	4500.00	-10.307	0.660	-0.016	4577.237	980924.949	0.07	0.42	1.34	1.83	981173.48	573.37	5670807.72	702558.42	-121.64	-126.41	-135.23
8	2600	2007/8/17	12:50:37	725	4500.00	-9.844	0.730	-0.016	4577.721	980925.432	0.08	0.50	1.30	1.88	981173.49	569.80	5670816.38	702604.81	-121.87	-126.59	-135.34
8	2650	2007/8/17	12:57:58	725	4500.00	-8.128	0.730	-0.015	4579.438	980927.147	0.05	0.55	1.29	1.89	981173.49	562.50	5670815.58	702653.93	-121.70	-126.36	-134.99
8	2700	2007/8/17	13:05:13	725	4500.00	-8.910	0.590	-0.014	4578.612	980926.321	0.05	0.59	1.26	1.90	981173.48	566.65	5670813.13	702704.43	-121.58	-126.27	-134.95
8	2750	2007/8/17	13:15:18	725	4500.00	-10.575	0.390	-0.014	4576.886	980924.592	0.10	0.66	1.28	2.04	981173.48	574.25	5670814.64	702754.45	-121.55	-126.30	-135.09
8	2800	2007/8/17	13:29:28	725	4500.00	-13.513	1.080	-0.013	4574.160	980921.864	0.13	0.61	1.43	2.16	981173.48	587.28	5670812.89	702802.18	-121.46	-126.32	-135.32
8	2850	2007/8/17	13:42:06	725	4500.00	-13.871	0.760	-0.013	4573.704	980921.406	0.06	0.44	1.32	1.82	981173.47	589.56	5670810.53	702851.91	-121.58	-126.49	-135.55
8	2900	2007/8/17	13:51:45	725	4500.00	-12.381	0.540	-0.013	4575.126	980922.826	0.02	0.30	1.33	1.64	981173.47	583.87	5670808.94	702901.56	-121.57	-126.43	-135.44
8	2950	2007/8/17	14:00:34	725	4500.00	-11.101	0.750	-0.013	4576.471	980924.169	0.04	0.27	1.31	1.62	981173.47	576.61	5670809.32	702950.26	-121.85	-126.66	-135.55
8	3000	2007/8/17	14:06:20	725	4500.00	-7.925	0.530	-0.013	4579.579	980927.277	0.04	0.30	1.26	1.59	981173.47	561.23	5670807.17	702997.18	-122.11	-126.78	-135.44
9	1800	2007/8/22	11:46:04	562	4450.00	-14.505	0.740	0.021	4585.826	980937.453	0.00	0.54	1.45	1.99	981173.59	507.62	5670908.24	701804.66	-123.62	-127.83	-135.60
9	1850	2007/8/22	11:53:31	562	4450.00	-18.168	0.710	0.019	4582.155	980933.781	0.05	0.44	1.47	1.96	981173.59	527.17	5670906.88	701850.38	-123.08	-127.46	-135.55
9	1900	2007/8/22	12:10:11	562	4450.00	-22.469	0.760	0.012	4577.868	980929.494	0.03	0.29	1.56	1.88	981173.58	548.85	5670906.56	701895.55	-122.74	-127.31	-135.77
9	1950	2007/8/22	12:15:18	562	4450.00	-19.913	0.710	0.010	4580.409	980932.034	0.01	0.10	1.41	1.52	981173.58	539.51	5670902.71	701947.42	-122.45	-126.96	-135.32
9	2000	2007/8/18	08:11:00	725	4500.00	-2.990	0.760	-0.023	4584.584	980932.206	0.01	0.10	1.36	1.47	981173.58	538.44	5670899.16	701999.79	-122.51	-127.02	-135.35
9	2050	2007/8/18	08:05:18	725	4500.00	-3.044	0.680	-0.022	4584.506	980932.128	0.01	0.15	1.35	1.50	981173.57	538.26	5670899.04	702051.21	-122.58	-127.08	-135.41
9	2100	2007/8/18	07:56:17	725	4500.00	-4.103	0.700	-0.020	4583.453	980931.076	0.03	0.19	1.34	1.56	981173.57	543.13	5670898.43	702099.38	-122.51	-127.05	-135.44
9	2150	2007/8/18	07:50:09	725	4500.00	-5.944	0.690	-0.019	4581.609	980929.233	0.05	0.26	1.34	1.64	981173.57	552.28	5670898.61	702148.43	-122.26	-126.87	-135.39
9	2200	2007/8/18	07:43:52	725	4500.00	-6.489	0.730	-0.018	4581.077	980928.702	0.05	0.33	1.34	1.73	981173.57	554.74	5670897.36	702199.31	-122.17	-126.79	-135.34
9	2250	2007/8/18	07:37:13	725	4500.00	-6.014	0.700	-0.017	4581.542	980929.169	0.04	0.44	1.33	1.81	981173.56	552.16	5670889.79	702250.30	-122.15	-126.74	-135.22
9	2300	2007/8/18	07:29:15	725	4500.00	-8.011	0.680	-0.015	4579.539	980927.167	0.06	0.53	1.35	1.93	981173.56	561.90	5670895.76	702300.23	-121.91	-126.57	-135.19
9	2350	2007/8/18	07:22:52	725	4500.00	-10.390	0.640	-0.014	4577.148	980924.777	0.09	0.56	1.36	2.01	981173.56	573.53	5670893.83	702350.55	-121.70	-126.46	-135.25
9	2400	2007/8/18	07:16:50	725	4500.00	-13.157	0.690	-0.012	4574.396	980922.026	0.09	0.57	1.43	2.09	981173.56	587.78	5670897.23	702399.61	-121.30	-126.17	-135.19
9	2450	2007/8/18	07:08:44	725	4500.00	-15.203	0.740	-0.011	4572.366	980919.996	0.08	0.52	1.49	2.10	981173.55	598.24	5670892.83	702449.04	-121.07	-126.04	-135.22
9	2500	2007/8/18	07:02:04	725	4500.00	-15.660	0.660	-0.009	4571.884	980919.516	0.07	0.47	1.52	2.05	981173.55	601.74	5670891.46	702500.85	-120.83	-125.83	-135.07
9	2550	2007/8/18	06:56:28	725	4500.00	-15.982	0.840	-0.008	4571.617	980919.250	0.05	0.46	1.52	2.03	981173.55	603.69	5670891.04	702551.88	-120.67	-125.69	-134.97
9	2600	2007/8/18	06:46:17	725	4500.00	-16.187	0.690	-0.006	4571.366	980919.000	0.05	0.47	1.46	1.98	981173.55	605.04	5670894.97	702603.46	-120.62	-125.65	-134.95
9	2600	2007/8/17	15:55:00	725	4500.00	-16.229	0.750	-0.029	4571.343	980919.022	0.06	0.47	1.46	1.99	981173.55	605.04	5670894.97	702603.46	-120.60	-125.63	-134.93
9	2650	2007/8/17	15:47:06	725	4500.00	-14.559	0.710	-0.027	4573.000	980920.681	0.08	0.49	1.40	1.98	981173.55	596.39	5670896.41	702653.23	-120.82	-125.77	-134.93
9	2700	2007/8/17	15:39:40	725	4500.00	-15.094	0.710	-0.026	4572.465	980920.147	0.13	0.57	1.41	2.11	981173.55	598.23	5670894.67	702703.36	-120.86	-125.82	-135.00
9	2750	2007/8/17	15:29:05	725	4500.00	-20.017	0.510	-0.024	4567.480	980915.164	0.22	0.71	1.61	2.54	981173.54	619.03	5670886.94	702751.49	-121.10	-126.22	-135.69
9	2800	2007/8/17	15:17:01	725	4500.00	-26.033	0.750	-0.021	4561.539	980909.225	0.18	1.02	1.92	3.12	981173.53	642.66	5670879.27	702797.76	-121.49	-126.78	-136.56
9	2850	2007/8/17	15:03:15	725	4500.00	-22.172	0.670	-0.019	4565.374	980913.063	0.18	0.84	1.75	2.77	981173.53	627.14	5670887.67	702845.45	-121.27	-126.44	-136.02
9	2900	2007/8/17	14:46:30	725	4500.00	-16.417	0.650	-0.016	4571.123	980918.814	0.13	0.65	1.47	2.25	981173.53	600.88	5670888.22	702885.94	-121.51	-126.49	-135.69
9	2950	2007/8/17	14:32:07	725	4500.00	-12.204	0.700	-0.015	4575.352	980923.046	0.04	0.56	1.36	1.97	981173.54	580.76	5670891.62	702929.26	-121.82	-126.63	-135.54
9	3000	2007/8/17	14:21:51	725	4500.00	-8.856	0.660	-0.014	4578.688	980926.383	0.07	0.49	1.30	1.85	981173.54	563.30	5670894.33	702980.16	-122.41	-127.09	-135.73
10	1800	2007/8/22	12:43:24	562	4450.00	-17.764	0.740	-0.002	4582.567	980934.191	0.01	0.29	1.49	1.79	981173.67	526.23	5671011.02	701811.53	-123.12	-127.50	-135.61
10	1850	2007/8/22	12:35:36	562	4450.00	-19.237	0.830	0.001	4581.122	980932.746	0.01	0.21	1.48	1.70	981173.67	535.02	5671016.57	701858.29	-122.71	-127.18	-135.44
10	1900	2007/8/22	12:29:55	562	4450.00	-18.707	0.650	0.004	4581.597	980933.221	0.00	0.15	1.43	1.58	981173.67	533.02	5671016.97	701909.41	-122.74	-127.20	-135.44
10	1950	2007/8/22	12:24:56	562	4450.00	-19.405	0.720	0.006	4580.920	980932.545	0.00	0.12	1.42	1.54	981173.66	536.69	5671006.53	701957.70	-122.63	-127.12	-135.42
10	2000	2007/8/18	08:20:43	725	4500.00	-3.530	0.750	-0.024	4584.041	980931.661	0.01	0.13	1.41	1.55	981173.66	540.76	5670999.18	702001.25	-122.60	-127.12	-135.49
10	2050	2007/8/18	08:26:57	725	4500.00	-4.992	0.740	-0.025	4582.577	980930.195	0.02	0.21	1.40	1.63	981173.65	547.98	5670998.67	702050.68	-122.39	-126.96	-135.42
10	2100	2007/8/18	08:32:38	725	4500.00	-6.502	0.800	-0.026	4581.085	980928.703	0.05	0.33	1.40	1.78	981173.65	554.91	5670998.31	702101.23	-122.22	-126.84	-135.38
10	2150	2007/8/18	08:39:10	725	4500.00	-9.244	0.740	-0.027	4578.324	980925.941	0.05	0.36	1.42	1.83	981173.65	569.23	5670997.75	702149.46	-121.79	-126.53	-135.29

Line	Station	Date	Time Local	Meter	Dial	C-Aliod	H.I.	Tide	StatG	G Observed	1-16.5m B	16.5-275m mid TC	.275-5km far TC	total Terr C TC@2.0	NIMA 1998 Theoretical	Elev (m)	UTM10 Northing	NAD83 Easting	BG @2.10	BG @2.30	BG @2.67
10	2200	2007/8/18	08:50:23	725	4500.00	-10.097	0.580	-0.028	4577.422	980925.037	0.04	0.40	1.42	1.85	981173.64	574.03	5670997.36	702199.43	-121.59	-126.36	-135.19
10	2250	2007/8/18	08:56:09	725	4500.00	-10.851	0.760	-0.029	4576.724	980924.338	0.04	0.53	1.40	1.98	981173.64	577.72	5670995.54	702250.30	-121.33	-126.12	-134.99
10	2300	2007/8/18	09:09:44	725	4500.00	-12.869	0.710	-0.030	4574.690	980922.302	0.08	0.65	1.44	2.16	981173.64	587.24	5670994.28	702299.43	-121.14	-126.00	-134.99
10	2350	2007/8/18	09:18:25	725	4500.00	-15.289	0.730	-0.031	4572.276	980919.887	0.08	0.67	1.49	2.23	981173.63	599.35	5670991.58	702345.83	-120.86	-125.82	-135.00
10	2400	2007/8/18	09:26:18	725	4500.00	-18.052	0.750	-0.031	4569.519	980917.129	0.07	0.63	1.59	2.29	981173.63	613.85	5670991.51	702392.78	-120.46	-125.54	-134.95
10	2450	2007/8/18	09:36:33	725	4500.00	-20.554	0.760	-0.032	4567.021	980914.629	0.06	0.54	1.70	2.30	981173.63	626.19	5670992.86	702441.86	-120.33	-125.53	-135.14
10	2500	2007/8/18	09:41:37	725	4500.00	-20.412	0.740	-0.032	4567.157	980914.764	0.04	0.43	1.69	2.15	981173.63	627.19	5670995.57	702491.93	-120.09	-125.31	-134.96
10	2550	2007/8/18	09:49:02	725	4500.00	-20.127	0.700	-0.033	4567.429	980915.035	0.03	0.35	1.66	2.04	981173.63	626.91	5670997.59	702545.90	-119.96	-125.19	-134.85
10	2600	2007/8/18	09:54:33	725	4500.00	-19.801	0.740	-0.033	4567.767	980915.373	0.03	0.35	1.64	2.02	981173.62	625.45	5670994.20	702595.10	-119.95	-125.16	-134.80
10	2650	2007/8/18	10:01:18	725	4500.00	-18.356	0.700	-0.033	4569.200	980916.804	0.02	0.41	1.58	2.01	981173.62	618.15	5670988.73	702644.57	-120.06	-125.20	-134.72
10	2700	2007/8/18	10:08:39	725	4500.00	-17.706	0.760	-0.033	4569.868	980917.471	0.04	0.52	1.51	2.07	981173.62	614.01	5670988.62	702693.56	-120.18	-125.28	-134.71
10	2750	2007/8/18	10:15:31	725	4500.00	-20.701	0.770	-0.033	4566.877	980914.479	0.08	0.52	1.68	2.28	981173.62	626.36	5670994.44	702741.30	-120.46	-125.66	-135.28
10	2800	2007/8/18	10:25:42	725	4500.00	-26.456	0.760	-0.033	4561.118	980908.719	0.07	0.57	2.16	2.81	981173.62	651.86	5671000.35	702784.54	-120.54	-125.95	-135.96
10	2850	2007/8/18	10:31:52	725	4500.00	-28.793	0.760	-0.033	4558.782	980906.381	0.08	0.97	2.36	3.41	981173.62	659.51	5670997.47	702834.81	-120.77	-126.20	-136.25
10	2900	2007/8/18	10:49:08	725	4500.00	-25.438	0.560	-0.033	4562.075	980909.672	0.23	1.18	1.99	3.39	981173.61	639.58	5670992.71	702877.23	-121.65	-126.90	-136.60
10	2950	2007/8/18	11:06:21	725	4500.00	-16.910	0.430	-0.032	4570.563	980918.157	0.20	1.05	1.48	2.73	981173.61	600.71	5670989.24	702911.54	-121.87	-126.80	-135.93
10	3000	2007/8/18	11:18:46	725	4500.00	-10.714	0.570	-0.032	4576.802	980924.395	0.11	0.88	1.35	2.34	981173.61	571.19	5670986.58	702955.36	-122.33	-127.03	-135.73
10	3050	2007/8/18	11:29:22	725	4500.00	-7.608	0.550	-0.031	4579.902	980927.492	0.05	0.64	1.34	2.03	981173.61	555.55	5670985.48	703006.01	-122.93	-127.52	-136.03
11	1800	2007/8/22	13:39:57	562	4450.00	-15.652	0.730	-0.025	4584.676	980936.297	0.01	0.21	1.48	1.69	981173.74	516.23	5671093.15	701793.56	-123.37	-127.68	-135.65
11	1850	2007/8/22	13:34:30	562	4450.00	-16.588	0.650	-0.023	4583.716	980935.337	0.00	0.20	1.46	1.66	981173.74	521.95	5671092.27	701845.70	-123.08	-127.44	-135.50
11	1900	2007/8/22	13:30:08	562	4450.00	-18.208	0.730	-0.021	4582.120	980933.742	0.00	0.17	1.44	1.62	981173.74	529.95	5671099.63	701898.62	-122.94	-127.36	-135.55
11	1950	2007/8/22	13:15:41	562	4450.00	-19.792	0.750	-0.015	4580.543	980932.165	0.00	0.21	1.44	1.65	981173.74	537.51	5671102.91	701949.68	-122.81	-127.29	-135.59
11	2000	2007/8/18	14:55:56	725	4500.00	-4.265	0.770	-0.031	4583.313	980930.872	0.02	0.30	1.44	1.76	981173.73	543.45	5671098.68	701998.36	-122.69	-127.22	-135.60
11	2050	2007/8/18	14:49:19	725	4500.00	-7.532	0.690	-0.031	4580.021	980927.581	0.06	0.35	1.45	1.87	981173.73	559.29	5671096.18	702055.81	-122.43	-127.08	-135.69
11	2100	2007/8/18	14:42:13	725	4500.00	-10.764	0.670	-0.030	4576.782	980924.343	0.05	0.33	1.47	1.84	981173.73	576.40	5671100.09	702106.59	-121.92	-126.72	-135.60
11	2150	2007/8/18	14:30:43	725	4500.00	-12.155	0.730	-0.029	4575.411	980922.973	0.02	0.35	1.49	1.86	981173.74	584.29	5671110.91	702155.34	-121.53	-126.40	-135.40
11	2200	2007/8/18	14:22:52	725	4500.00	-13.571	0.670	-0.029	4573.976	980921.539	0.03	0.49	1.48	1.99	981173.74	591.59	5671113.14	702206.58	-121.21	-126.12	-135.21
11	2250	2007/8/18	14:15:47	725	4500.00	-15.512	0.730	-0.028	4572.053	980919.618	0.06	0.65	1.50	2.22	981173.73	600.96	5671109.60	702257.79	-120.89	-125.86	-135.06
11	2300	2007/8/18	14:04:43	725	4500.00	-19.944	0.820	-0.028	4567.649	980915.216	0.10	0.75	1.65	2.50	981173.73	621.26	5671113.74	702304.51	-120.71	-125.85	-135.35
11	2350	2007/8/18	13:56:01	725	4500.00	-23.549	0.760	-0.027	4564.026	980911.594	0.08	0.68	1.83	2.59	981173.73	639.43	5671113.75	702351.85	-120.39	-125.69	-135.48
11	2450	2007/8/18	13:37:52	725	4500.00	-25.978	0.740	-0.027	4561.590	980909.161	0.05	0.41	2.04	2.50	981173.72	654.03	5671114.52	702450.28	-119.88	-125.33	-135.40
11	2500	2007/8/18	13:23:11	725	4500.00	-25.581	0.690	-0.027	4561.972	980909.545	0.03	0.40	2.03	2.46	981173.72	652.67	5671113.83	702502.06	-119.81	-125.25	-135.30
11	2550	2007/8/18	13:16:16	725	4500.00	-25.435	0.650	-0.027	4562.105	980909.679	0.04	0.40	2.10	2.54	981173.72	652.26	5671109.98	702551.88	-119.77	-125.20	-135.24
11	2600	2007/8/18	13:11:02	725	4500.00	-24.270	0.660	-0.027	4563.274	980910.849	0.06	0.39	1.88	2.33	981173.72	647.21	5671110.69	702599.36	-119.72	-125.10	-135.07
11	2650	2007/8/18	13:04:04	725	4500.00	-25.270	0.610	-0.027	4562.258	980909.834	0.09	0.39	1.94	2.43	981173.72	650.93	5671121.45	702647.65	-119.92	-125.34	-135.36
11	2700	2007/8/18	12:43:33	725	4500.00	-25.966	0.600	-0.028	4561.560	980909.139	0.09	0.37	2.02	2.48	981173.72	653.36	5671115.48	702696.88	-120.10	-125.54	-135.61
11	2750	2007/8/18	12:35:18	725	4500.00	-26.173	0.680	-0.028	4561.377	980908.957	0.07	0.34	2.08	2.49	981173.71	653.37	5671115.34	702747.51	-120.30	-125.74	-135.81
11	2800	2007/8/18	12:28:52	725	4500.00	-25.710	0.760	-0.028	4561.864	980909.446	0.04	0.40	2.11	2.55	981173.71	650.74	5671110.78	702798.13	-120.32	-125.74	-135.76
11	2850	2007/8/18	12:21:52	725	4500.00	-24.772	0.740	-0.029	4562.796	980910.379	0.09	0.70	2.09	2.88	981173.71	643.05	5671107.60	702847.99	-120.77	-126.10	-135.94
11	2900	2007/8/18	12:11:35	725	4500.00	-21.877	0.630	-0.029	4565.657	980913.241	0.17	1.09	1.73	2.99	981173.71	625.04	5671107.36	702896.27	-121.47	-126.61	-136.10
11	2950	2007/8/18	12:01:13	725	4500.00	-15.772	0.430	-0.030	4571.700	980919.286	0.15	1.17	1.47	2.79	981173.70	595.21	5671101.71	702938.42	-121.92	-126.80	-135.82
11	3000	2007/8/18	11:52:12	725	4500.00	-9.724	0.620	-0.030	4577.807	980925.394	0.10	1.09	1.36	2.55	981173.70	564.10	5671095.70	702980.29	-122.75	-127.38	-135.93
11	3050	2007/8/18	11:41:01	725	4500.00	-5.778	0.690	-0.031	4581.775	980929.364	0.06	0.76	1.43	2.26	981173.70	544.40	5671091.02	703029.19	-123.47	-127.96	-136.26
12	1800	2007/8/22	12:55:19	562	4450.00	-14.879	0.750	-0.007	4585.455	980937.078	0.03	0.22	1.53	1.77	981173.82	511.27	5671196.59	701788.19	-123.76	-128.02	-135.91
12	1850	2007/8/22	13:00:00	562	4450.00	-17.110	0.690	-0.008	4583.206	980934.829	0.01	0.19	1.50	1.70	981173.82	523.14	5671198.48	701837.27	-123.41	-127.78	-135.86
12	1900	2007/8/22	13:04:18	562	4450.00	-18.702	0.740	-0.011	4581.629	980933.252	0.00	0.22	1.50	1.72	981173.82	531.26	5671198.63	701890.42	-123.17	-127.60	-135.80
12	1950	2007/8/22	13:09:52	562	4450.00	-20.334	0.690	-0.013	4579.982	980931.605	0.02	0.32	1.49	1.83	981173.81	539.42	5671195.37	701944.11	-122.91	-127.40	-135.71
12	2000	2007/8/18	15:07:19	725	4500.00	-6.392	0.670	-0.033	4581.155	980928.711	0.07	0.45	1.49	2.01	981173.81	552.39	5671199.49	701994.49	-122.80	-127.39	-135.88
12	2050	2007/8/18	15:15:43	725	4500.00	-10.696	0.670	-0.034	4576.850	980924.406	0.07	0.43	1.52	2.01	981173.81	574.60	5671196.31	702041.27	-122.23	-127.00	-135.84
12	2100	2007/8/18	15:22:56	725	4500.00	-12.741	0.690	-0.035	4574.812	980922.366	0.02	0.37	1.53	1.92	981173.80	586.34	5671195.20	702090.55	-121.73	-126.61	-135.64
12	2150	2007/8/18	15:29:09	725	4500.00	-13.113	0.740	-0.036	4574.455	980922.008	0.01	0.46	1.50	1.98	981173.80	589.02	5671193.65	702142.67	-121.40	-126.29	-135.35
12	2200	2007/8/18	15:35:38	725	4500.00	-15.471	0.730	-0.037	4572.094	980919.646	0.05	0.67	1.51	2.23	981173.80	600.76	5671191.18	702192.59	-120.95	-125.92	-135.12
12	2250	2007/8/18	15:44:33	725	4500.00	-18.683	0.450	-0.038	4568.796	980916.347	0.09	0.89	1.61	2.59	981173.79	615.70	5671191.22	702241.78	-120.72	-125.80	-135.18
12	2300	2007/8/18	15:52:39	725	4500.00	-23.363	0.700	-0.039	4564.193	980911.743	0.10	0.93	1.82	2.84	981173.79	637.57	5671189.64	702287.94	-120.46	-125.72	-135.44
12	2350	2007/8/18	16:00:19	725	4500.00	-27.708	0.680	-0.031	4559.841	980907.390	0.10	0.81	2.10	3.01	981173.79	658.83	5671190.75	702335.23	-120.24	-125.68	-135.75

Line	Station	Date	Time Local	Meter	Dial	C-Aliod	H.I.	Tide	StatG	G Observed	1-16.5m B	16.5-275m mid TC	.275-5km far TC	total Terr C TC@2.0	NIMA 1998 Theoretical	Elev (m)	UTM10 Northing	NAD83 Easting	BG @2.10	BG @2.30	BG @2.67
12	2400	2007/8/18	16:07:31	725	4500.00	-31.226	0.710	-0.032	4556.333	980903.881	0.09	0.65	2.40	3.14	981173.79	676.06	5671195.74	702386.04	-120.12	-125.73	-136.10
12	2450	2007/8/19	06:56:07	725	4500.00	-32.195	0.630	0.018	4555.339	980902.848	0.08	0.49	2.47	3.04	981173.79	681.98	5671197.85	702438.01	-120.02	-125.69	-136.18
12	2450	2007/8/18	16:14:06	725	4500.00	-32.216	0.650	-0.034	4555.324	980902.871	0.07	0.49	2.47	3.04	981173.79	681.98	5671197.85	702438.01	-119.99	-125.66	-136.15
12	2500	2007/8/19	07:03:16	725	4500.00	-32.099	0.660	0.016	4555.445	980902.953	0.06	0.37	2.47	2.90	981173.78	682.23	5671193.73	702490.44	-119.98	-125.66	-136.18
12	2550	2007/8/19	07:11:02	725	4500.00	-31.125	0.710	0.015	4556.434	980903.942	0.05	0.30	2.45	2.80	981173.77	678.56	5671187.12	702541.58	-119.87	-125.53	-136.00
12	2600	2007/8/19	07:18:58	725	4500.00	-29.031	0.710	0.013	4558.528	980906.035	0.07	0.28	2.27	2.61	981173.77	669.42	5671185.08	702593.84	-119.81	-125.39	-135.73
12	2650	2007/8/19	07:28:55	725	4500.00	-29.617	0.660	0.011	4557.927	980905.433	0.10	0.33	2.36	2.79	981173.77	670.90	5671180.34	702642.89	-120.02	-125.61	-135.96
12	2700	2007/8/19	07:40:28	725	4500.00	-32.619	0.630	0.009	4554.916	980902.420	0.09	0.45	2.69	3.23	981173.77	682.96	5671182.98	702692.91	-120.25	-125.93	-136.44
12	2750	2007/8/19	07:50:04	725	4500.00	-32.405	0.710	0.007	4555.154	980902.658	0.09	0.55	2.66	3.30	981173.76	680.92	5671182.61	702744.34	-120.36	-126.01	-136.48
12	2800	2007/8/19	08:01:36	725	4500.00	-31.796	0.660	0.004	4555.747	980903.249	0.15	0.75	2.59	3.49	981173.76	674.77	5671182.86	702793.53	-120.91	-126.49	-136.82
12	2850	2007/8/19	08:12:01	725	4500.00	-26.496	0.660	0.002	4561.048	980908.548	0.16	0.84	2.09	3.08	981173.77	649.94	5671183.13	702839.55	-121.00	-126.36	-136.29
12	2900	2007/8/19	08:24:46	725	4500.00	-21.483	0.860	0.000	4566.123	980913.622	0.12	1.02	1.74	2.87	981173.77	624.75	5671184.91	702885.01	-121.29	-126.43	-135.93
12	2950	2007/8/19	08:35:55	725	4500.00	-17.519	0.660	-0.002	4570.025	980917.523	0.10	1.16	1.55	2.82	981173.77	604.82	5671189.45	702932.68	-121.63	-126.59	-135.76
12	3000	2007/8/19	08:55:53	725	4500.00	-14.515	0.600	-0.006	4573.010	980920.506	0.23	1.25	1.42	2.90	981173.77	585.39	5671189.13	702982.88	-122.85	-127.63	-136.48
13	1800	2007/8/22	13:48:27	562	4450.00	-16.037	0.750	-0.028	4584.298	980935.918		0.23	1.55	1.78	981173.90	516.54	5671291.62	701794.66	-123.82	-128.13	-136.10
13	1850	2007/8/22	13:52:37	562	4450.00	-17.468	0.650	-0.030	4582.836	980934.456	0.01	0.28	1.54	1.83	981173.89	525.01	5671290.84	701846.75	-123.35	-127.73	-135.82
13	1900	2007/8/22	13:57:07	562	4450.00	-19.964	0.670	-0.031	4580.346	980931.966	0.02	0.34	1.54	1.90	981173.89	536.41	5671292.64	701898.25	-123.27	-127.73	-135.99
13	1950	2007/8/22	14:02:43	562	4450.00	-22.389	0.390	-0.033	4577.834	980929.454	0.08	0.49	1.53	2.10	981173.89	547.64	5671292.99	701948.98	-123.14	-127.69	-136.09
13	2000	2007/8/20	08:30:45	725	4485.00	4.628	0.580	0.025	4576.846	980924.296	0.09	0.51	1.56	2.16	981173.89	574.74	5671299.15	701995.23	-122.31	-127.08	-135.90
13	2050	2007/8/20	08:40:15	725	4485.00	1.808	0.750	0.023	4574.077	980921.527	0.04	0.42	1.58	2.04	981173.89	590.77	5671302.65	702055.17	-121.63	-126.54	-135.63
13	2100	2007/8/20	08:46:50	725	4485.00	1.277	0.660	0.022	4573.518	980920.968	0.04	0.53	1.53	2.10	981173.89	593.89	5671307.24	702108.89	-121.39	-126.31	-135.43
13	2150	2007/8/20	08:53:02	725	4485.00	-1.325	0.540	0.020	4570.880	980918.329	0.08	0.78	1.53	2.39	981173.89	606.26	5671306.95	702163.42	-121.03	-126.04	-135.30
13	2200	2007/8/20	09:06:05	725	4485.00	-5.762	0.680	0.017	4566.486	980913.936	0.12	1.05	1.66	2.82	981173.88	626.94	5671304.27	702214.77	-120.58	-125.73	-135.26
13	2250	2007/8/20	09:19:52	725	4485.00	-12.561	0.730	0.015	4559.703	980907.152	0.13	1.14	2.04	3.32	981173.88	657.87	5671306.04	702258.44	-120.44	-125.84	-135.83
13	2300	2007/8/20	09:28:15	725	4485.00	-17.902	0.700	0.013	4554.353	980901.802	0.11	1.02	2.61	3.74	981173.88	682.76	5671307.49	702302.17	-120.42	-126.05	-136.45
13	2350	2007/8/20	09:44:35	725	4485.00	-23.653	0.630	0.009	4548.579	980896.028	0.07	0.85	3.13	4.05	981173.87	708.23	5671303.74	702347.23	-120.75	-126.60	-137.43
13	2400	2007/8/20	09:52:15	725	4485.00	-21.158	0.480	0.007	4551.028	980898.477	0.04	0.37	2.97	3.37	981173.87	702.54	5671302.45	702398.68	-120.06	-125.92	-136.75
13	2450	2007/8/20	10:08:07	725	4485.00	-19.815	0.680	0.004	4552.433	980899.882	0.02	0.18	2.94	3.14	981173.86	698.41	5671298.33	702449.88	-119.76	-125.60	-136.40
13	2500	2007/8/20	10:17:50	725	4485.00	-19.733	0.690	0.002	4552.518	980899.966	0.03	0.13	2.76	2.91	981173.86	697.91	5671297.68	702503.19	-119.84	-125.68	-136.49
13	2550	2007/8/20	10:25:18	725	4485.00	-17.180	0.790	0.000	4555.102	980902.550	0.04	0.09	2.50	2.63	981173.86	687.34	5671298.45	702557.47	-119.63	-125.38	-136.03
13	2600	2007/8/20	10:32:55	725	4485.00	-15.887	0.730	-0.002	4556.376	980903.825	0.05	0.13	2.44	2.62	981173.86	681.30	5671298.67	702609.57	-119.64	-125.34	-135.89
13	2650	2007/8/20	10:43:07	725	4485.00	-20.257	0.580	-0.004	4551.960	980899.408	0.08	0.29	2.91	3.29	981173.86	697.34	5671298.23	702661.51	-120.35	-126.17	-136.93
13	2700	2007/8/20	10:58:39	725	4485.00	-23.196	0.750	-0.008	4549.074	980896.522	0.08	0.67	3.35	4.09	981173.85	706.89	5671296.72	702711.45	-120.73	-126.59	-137.43
13	2750	2007/8/20	11:06:30	725	4485.00	-18.795	0.690	-0.009	4553.456	980900.904	0.10	0.89	2.81	3.81	981173.85	686.17	5671295.23	702765.46	-120.68	-126.34	-136.82
13	2800	2007/8/20	11:21:02	725	4485.00	-13.062	0.560	-0.013	4559.149	980906.597	0.13	1.10	2.23	3.46	981173.86	658.64	5671299.30	702810.46	-120.84	-126.25	-136.27
13	2850	2007/8/20	11:41:16	725	4485.00	-8.576	0.690	-0.017	4563.675	980911.122	0.13	1.20	1.89	3.22	981173.85	635.82	5671292.58	702859.33	-121.24	-126.46	-136.10
13	2900	2007/8/20	11:51:51	725	4485.00	-5.477	0.680	-0.019	4566.771	980914.218	0.16	1.33	1.66	3.16	981173.85	619.12	5671289.01	702910.86	-121.69	-126.75	-136.11
13	2950	2007/8/20	12:22:11	725	4485.00	0.308	0.680	-0.025	4572.556	980920.003	0.20	1.35	1.47	3.02	981173.85	588.26	5671285.75	702946.87	-122.69	-127.49	-136.37
13	3000	2007/8/20	12:35:05	725	4485.00	5.872	0.790	-0.027	4578.154	980925.601	0.11	1.20	1.44	2.75	981173.85	560.79	5671288.13	702989.19	-123.32	-127.90	-136.38
13	3025	2007/8/20	12:42:31	725	4485.00	8.326	0.730	-0.029	4580.590	980928.036	0.00	1.07	1.47	2.54	981173.85	547.76	5671288.14	703012.01	-123.89	-128.38	-136.68
14	1800	2007/8/21	10:35:32	725	4485.00	15.405	0.710	0.021	4587.662	980935.096	0.02	0.30	1.59	1.92	981173.98	519.29	5671394.23	701792.45	-124.04	-128.36	-136.36
14	1850	2007/8/21	10:27:59	725	4485.00	12.795	0.760	0.023	4585.067	980932.500	0.04	0.34	1.57	1.95	981173.98	532.90	5671393.80	701841.62	-123.59	-128.02	-136.23
14	1900	2007/8/21	10:20:42	725	4485.00	10.593	0.740	0.025	4582.859	980930.292	0.02	0.41	1.57	2.00	981173.97	544.36	5671396.45	701892.74	-123.19	-127.72	-136.09
14	1950	2007/8/21	10:14:32	725	4485.00	8.769	0.730	0.027	4581.033	980928.465	0.05	0.54	1.56	2.15	981173.97	553.72	5671398.49	701943.47	-122.82	-127.41	-135.90
14	2000	2007/8/21	10:05:41	725	4485.00	4.361	0.540	0.030	4576.566	980923.997	0.10	0.51	1.58	2.19	981173.97	575.36	5671402.67	701989.88	-122.55	-127.32	-136.16
14	2050	2007/8/21	09:51:29	725	4485.00	1.824	0.740	0.033	4574.090	980921.521	0.04	0.46	1.60	2.10	981173.97	590.49	5671402.98	702035.49	-121.74	-126.64	-135.72
14	2100	2007/8/21	09:45:14	725	4485.00	0.173	0.770	0.035	4572.449	980919.880	0.03	0.55	1.57	2.15	981173.97	599.05	5671405.73	702087.52	-121.39	-126.36	-135.55
14	2150	2007/8/21	09:33:29	725	4485.00	-2.604	0.690	0.038	4569.648	980917.077	0.07	0.76	1.59	2.42	981173.97	612.13	5671404.11	702140.08	-121.09	-126.15	-135.51
14	2200	2007/8/21	09:24:13	725	4485.00	-7.427	0.830	0.040	4564.868	980912.297	0.14	1.02	1.73	2.89	981173.96	634.88	5671404.80	702189.29	-120.58	-125.80	-135.46
14	2250	2007/8/21	09:12:45	725	4485.00	-14.019	0.510	0.042	4558.177	980905.605	0.18	1.09	2.15	3.42	981173.96	664.47	5671403.72	702237.03	-120.66	-126.13	-136.23
14	2300	2007/8/21	09:00:49	725	4485.00	-21.455	0.610	0.045	4550.771	980898.199	0.10	0.91	2.97	3.99	981173.95	699.91	5671404.78	702282.52	-120.43	-126.21	-136.90
14	2350	2007/8/21	08:52:57	725	4485.00	-22.186	0.590	0.046	4550.035	980897.462	0.04	0.45	3.06	3.56	981173.95	706.62	5671407.50	702334.68	-120.17	-126.05	-136.93
14	2450	2007/8/21	08:37:43	725	4485.00	-19.183	0.710	0.049	4553.074	980900.501	0.03	0.09	2.67	2.78	981173.95	696.27	5671403.48	702444.81	-119.79	-125.62	-136.41
14	2500	2007/8/21	08:28:23	725	4485.00	-17.785	0.730	0.050	4554.478	980901.904	0.03	0.09	2.56	2.68	981173.95	690.50	5671404.00	702497.60	-119.66	-125.44	-136.14
14	2550	2007/8/21	08:20:49	725	4485.00	-15.918	0.760	0.051	4556.355	980903.780	0.02	0.13	2.37	2.51	981173.95	681.98	5671403.32	702551.61	-119.62	-125.33	-135.88

Line	Station	Date	Time Local	Meter	Dial	[C-Aliod	H.I.	Tide	StatG	G Observed	1-16.5m B	16.5-275m mid TC	.275-5km far TC	total Terr C TC@2.0	NIMA 1998 Theoretical	Elev (m)	UTM10 Northing	NAD83 Easting	BG @2.10	BG @2.30	BG @2.67
14	2600	2007/8/21	08:13:24	725	4485.00	-15.459	0.610	0.052	4556.768	980904.193	0.01	0.15	2.38	2.54	981173.95	679.10	5671406.09	702604.32	-119.82	-125.50	-136.01
14	2650	2007/8/21	08:00:40	725	4485.00	-16.937	0.540	0.054	4555.268	980902.692	0.01	0.27	2.54	2.81	981173.95	683.45	5671406.63	702656.42	-120.23	-125.94	-136.49
14	2700	2007/8/20	14:36:41	725	4485.00	-16.883	0.720	-0.047	4555.378	980902.823	0.02	0.50	2.79	3.31	981173.94	680.93	5671403.42	702704.93	-120.42	-126.08	-136.55
14	2750	2007/8/20	14:27:50	725	4485.00	-16.343	0.530	-0.046	4555.859	980903.304	0.08	1.11	2.61	3.80	981173.94	673.63	5671408.00	702758.34	-120.90	-126.44	-136.69
14	2775	2007/8/20	14:08:43	725	4485.00	-13.462	0.860	-0.043	4558.842	980906.287	0.16	1.34	2.28	3.78	981173.95	657.54	5671409.98	702779.37	-121.24	-126.62	-136.57
14	2850	2007/8/20	13:46:50	725	4485.00	-3.461	0.470	-0.040	4568.722	980916.168	0.19	1.52	1.58	3.28	981173.95	608.98	5671404.55	702843.17	-121.87	-126.83	-135.99
14	2900	2007/8/20	13:35:31	725	4485.00	1.052	0.620	-0.038	4573.281	980920.727	0.20	1.51	1.44	3.14	981173.94	584.74	5671400.67	702889.86	-122.67	-127.43	-136.22
14	2950	2007/8/20	13:20:27	725	4485.00	6.674	0.430	-0.035	4578.845	980926.291	0.18	1.42	1.46	3.05	981173.94	556.66	5671396.18	702936.65	-123.39	-127.92	-136.29
14	3000	2007/8/20	13:09:07	725	4485.00	10.981	0.620	-0.033	4583.210	980930.656	0.15	1.20	1.60	2.95	981173.94	533.88	5671390.04	702985.09	-124.27	-128.63	-136.69
15	1800	2007/8/21	10:52:17	725	4485.00	12.815	0.750	0.016	4585.085	980932.520	0.04	0.40	1.63	2.06	981174.07	531.40	5671514.76	701805.91	-123.93	-128.35	-136.52
15	1850	2007/8/21	11:13:50	725	4485.00	10.275	0.750	0.010	4582.545	980929.981	0.07	0.54	1.61	2.22	981174.07	544.35	5671518.85	701855.97	-123.47	-127.98	-136.33
15	1900	2007/8/21	11:24:53	725	4485.00	6.364	0.510	0.006	4578.559	980925.996	0.08	0.57	1.61	2.26	981174.07	564.60	5671514.61	701903.68	-122.95	-127.63	-136.28
15	1950	2007/8/21	11:31:32	725	4485.00	3.249	0.650	0.004	4575.488	980922.925	0.04	0.55	1.64	2.24	981174.06	582.06	5671513.36	701949.89	-122.19	-127.01	-135.94
15	2000	2007/8/21	11:42:24	725	4485.00	2.854	0.640	0.001	4575.089	980922.527	0.05	0.56	1.61	2.22	981174.05	584.38	5671504.48	701984.41	-122.05	-126.90	-135.86
15	2050	2007/8/21	11:48:50	725	4485.00	1.034	0.710	-0.001	4573.292	980920.729	0.04	0.59	1.62	2.25	981174.05	594.98	5671501.69	702035.69	-121.48	-126.41	-135.53
15	2100	2007/8/21	11:55:38	725	4485.00	-1.355	0.720	-0.003	4570.905	980918.344	0.05	0.69	1.60	2.34	981174.04	607.20	5671497.96	702088.63	-121.06	-126.08	-135.37
15	2150	2007/8/21	12:01:55	725	4485.00	-4.688	0.750	-0.005	4567.582	980915.021	0.10	0.85	1.66	2.62	981174.04	623.20	5671493.37	702141.22	-120.68	-125.82	-135.33
15	2200	2007/8/21	12:11:38	725	4485.00	-10.474	0.580	-0.008	4561.743	980909.182	0.16	0.93	1.94	3.03	981174.03	649.65	5671491.53	702187.28	-120.60	-125.95	-135.86
15	2250	2007/8/21	12:23:08	725	4485.00	-16.844	0.750	-0.012	4555.426	980902.866	0.10	0.76	2.45	3.31	981174.03	681.11	5671491.85	702233.68	-120.15	-125.79	-136.21
15	2300	2007/8/21	12:29:48	725	4485.00	-20.162	0.760	-0.014	4552.111	980899.551	0.05	0.46	2.76	3.27	981174.03	697.53	5671495.37	702284.29	-120.16	-125.96	-136.70
15	2350	2007/8/21	12:37:55	725	4485.00	-18.459	0.670	-0.017	4553.786	980901.227	0.02	0.21	2.64	2.87	981174.02	693.52	5671488.07	702338.01	-119.61	-125.41	-136.13
15	2400	2007/8/21	12:44:52	725	4485.00	-18.698	0.770	-0.019	4553.578	980901.019	0.01	0.12	2.63	2.77	981174.02	694.86	5671486.55	702391.48	-119.62	-125.44	-136.20
15	2450	2007/8/21	12:51:30	725	4485.00	-17.806	0.640	-0.021	4554.430	980901.872	0.02	0.11	2.53	2.66	981174.02	691.35	5671490.15	702443.24	-119.56	-125.35	-136.05
15	2500	2007/8/21	12:59:26	725	4485.00	-16.923	0.770	-0.023	4555.353	980902.795	0.03	0.17	2.41	2.60	981174.02	686.22	5671489.74	702496.53	-119.70	-125.44	-136.05
15	2550	2007/8/21	13:09:49	725	4485.00	-14.236	0.750	-0.026	4558.034	980905.477	0.05	0.24	2.18	2.47	981174.02	673.61	5671495.51	702547.80	-119.73	-125.35	-135.76
15	2600	2007/8/21	13:19:43	725	4485.00	-12.714	0.710	-0.029	4559.543	980906.986	0.04	0.29	2.12	2.45	981174.02	666.17	5671494.21	702598.86	-119.81	-125.36	-135.64
15	2650	2007/8/21	13:28:42	725	4485.00	-14.415	0.740	-0.032	4557.851	980905.295	0.03	0.39	2.25	2.67	981174.01	671.29	5671492.01	702649.81	-120.26	-125.85	-136.19
15	2700	2007/8/21	13:36:15	725	4485.00	-14.810	0.730	-0.034	4557.454	980904.898	0.05	0.64	2.50	3.20	981174.01	670.14	5671487.81	702702.48	-120.64	-126.20	-136.48
15	2750	2007/8/21	13:45:05	725	4485.00	-19.624	0.600	-0.036	4552.599	980900.044	0.08	1.53	2.81	4.42	981174.01	683.65	5671488.57	702750.99	-121.58	-127.16	-137.49
16	1800	2007/8/22	08:54:44	725	4485.00	11.859	0.810	0.069	4584.148	980931.624	0.05	0.60	1.65	2.30	981174.15	534.18	5671615.36	701803.91	-124.09	-128.50	-136.68
16	1850	2007/8/22	08:41:10	725	4485.00	7.339	0.660	0.070	4579.581	980927.059	0.08	0.67	1.65	2.40	981174.15	557.98	5671611.12	701849.31	-123.32	-127.93	-136.46
16	1900	2007/8/22	08:33:15	725	4485.00	4.128	0.710	0.070	4576.385	980923.864	0.07	0.72	1.69	2.48	981174.14	575.92	5671611.51	701895.87	-122.50	-127.26	-136.06
16	1950	2007/8/22	08:29:22	725	4485.00	1.685	0.730	0.071	4573.949	980921.427	0.07	0.77	1.69	2.52	981174.13	588.68	5671604.96	701943.87	-122.07	-126.93	-135.92
16	2000	2007/8/22	08:21:44	725	4485.00	-2.347	0.690	0.071	4569.904	980917.384	0.09	0.79	1.79	2.67	981174.13	608.32	5671603.73	701991.50	-121.76	-126.78	-136.07
16	2050	2007/8/22	08:11:57	725	4485.00	-5.904	0.700	0.071	4566.351	980913.831	0.08	0.57	1.93	2.59	981174.13	627.34	5671608.54	702037.88	-121.34	-126.54	-136.17
16	2100	2007/8/22	08:01:47	725	4485.00	-4.454	0.770	0.071	4567.822	980915.302	0.09	0.49	1.75	2.32	981174.13	623.64	5671613.79	702090.00	-120.78	-125.96	-135.54
16	2150	2007/8/22	07:47:26	725	4485.00	-9.369	0.410	0.071	4562.796	980910.277	0.14	0.46	1.93	2.52	981174.13	646.21	5671617.95	702138.08	-120.86	-126.23	-136.17
16	2200	2007/8/21	15:47:27	725	4485.00	-12.294	0.710	-0.063	4559.963	980907.415	0.05	0.41	2.14	2.60	981174.12	662.74	5671611.18	702187.45	-120.11	-125.63	-135.84
16	2200	2007/8/22	07:40:29	725	4485.00	-12.337	0.790	0.070	4559.945	980907.427	0.01	0.41	2.14	2.56	981174.12	662.74	5671611.18	702187.45	-120.10	-125.62	-135.82
16	2250	2007/8/21	15:40:40	725	4485.00	-15.778	0.750	-0.061	4556.492	980903.944	0.04	0.32	2.39	2.75	981174.12	679.36	5671608.94	702238.89	-120.01	-125.67	-136.15
16	2300	2007/8/21	15:34:16	725	4485.00	-15.211	0.670	-0.060	4557.034	980904.485	0.03	0.19	2.27	2.49	981174.12	679.08	5671607.90	702292.42	-119.67	-125.34	-135.84
16	2350	2007/8/21	15:27:19	725	4485.00	-15.174	0.690	-0.059	4557.078	980904.529	0.02	0.14	2.24	2.39	981174.12	679.38	5671614.10	702344.99	-119.61	-125.29	-135.80
16	2400	2007/8/21	15:19:42	725	4485.00	-15.871	0.510	-0.058	4556.325	980903.775	0.01	0.15	2.34	2.49	981174.12	682.39	5671617.35	702398.13	-119.69	-125.40	-135.96
16	2450	2007/8/21	15:10:12	725	4485.00	-16.376	0.780	-0.056	4555.903	980903.353	0.02	0.25	2.31	2.58	981174.12	682.80	5671617.64	702450.43	-119.91	-125.61	-136.16
16	2500	2007/8/21	15:03:38	725	4485.00	-14.636	0.750	-0.055	4557.634	980905.083	0.05	0.42	2.15	2.62	981174.12	673.23	5671616.45	702500.99	-120.12	-125.72	-136.09
16	2550	2007/8/21	14:56:24	725	4485.00	-11.144	0.680	-0.053	4561.105	980908.554	0.08	0.65	1.91	2.63	981174.12	656.49	5671618.44	702550.74	-120.10	-125.54	-135.61
16	2600	2007/8/21	14:49:39	725	4485.00	-7.187	0.710	-0.052	4565.070	980912.519	0.09	0.82	1.67	2.58	981174.12	635.63	5671618.71	702599.96	-120.55	-125.80	-135.51
16	2650	2007/8/21	14:41:14	725	4485.00	-5.747	0.800	-0.050	4566.538	980913.986	0.12	0.99	1.63	2.73	981174.12	626.67	5671619.34	702650.57	-120.89	-126.05	-135.59
16	2700	2007/8/21	14:34:17	725	4485.00	-5.074	0.750	-0.048	4567.196	980914.644	0.15	1.22	1.72	3.09	981174.12	620.72	5671623.16	702701.61	-121.30	-126.39	-135.79
16	2750	2007/8/21	14:25:07	725	4485.00	-5.159	0.650	-0.046	4567.080	980914.528	0.18	1.64	1.59	3.42	981174.12	616.60	5671624.68	702753.69	-121.88	-126.89	-136.15
17	1800	2007/8/22	09:04:58	725	4485.00	8.340	0.750	0.067	4580.610	980928.086	0.06	0.66	1.68	2.40	981174.22	550.89	5671708.53	701814.05	-123.95	-128.51	-136.93
17	1850	2007/8/22	09:11:44	725	4485.00	6.925	0.640	0.066	4579.161	980926.637	0.08	0.86	1.66	2.60	981174.22	559.80	5671707.47	701865.16	-123.22	-127.83	-136.36
17	2000	2007/8/22	09:43:20	725	4485.00	-10.671	0.690	0.061	4561.580	980909.054	0.12	1.08	2.33	3.53	981174.20	643.94	5671699.40	701986.40	-122.00	-127.29	-137.09
17	2050	2007/8/22	09:54:55	725	4485.00	-8.340	0.700	0.058	4563.914	980911.387	0.10	0.40	2.10	2.61	981174.21	640.37	5671704.24	702045.76	-121.16	-126.49	-136.35
17	2100	2007/8/22	10:00:43	725	4485.00	-6.128	0.760	0.057	4566.145	980913.618	0.03	0.25	1.84	2.12	981174.21	633.98	5671705.75	702097.74	-120.51	-125.80	-135.59

Line	Station	Date	Time Local	Meter	Dial	[C-Aliod	H.I.	Tide	StatG	G Observed	1-16.5m B	16.5-275m mid TC	.275-5km far TC	total Terr C TC@2.0	NIMA 1998 Theoretical	Elev (m)	UTM10 Northing	NAD83 Easting	BG @2.10	BG @2.30	BG @2.67
17	2150	2007/8/22	10:13:19	725	4485.00	-7.554	0.810	0.053	4564.734	980912.206	0.02	0.25	1.82	2.08	981174.20	641.44	5671706.00	702149.77	-120.27	-125.62	-135.53
17	2200	2007/8/22	10:20:10	725	4485.00	-9.664	0.760	0.051	4562.609	980910.080	0.03	0.20	1.96	2.19	981174.20	652.47	5671704.33	702200.83	-120.01	-125.46	-135.54
17	2250	2007/8/22	10:28:48	725	4485.00	-10.759	0.840	0.049	4561.538	980909.009	0.03	0.15	1.93	2.11	981174.20	658.75	5671705.37	702253.60	-119.75	-125.26	-135.45
17	2300	2007/8/22	10:37:50	725	4485.00	-11.556	0.500	0.046	4560.637	980908.106	0.02	0.12	1.96	2.09	981174.20	664.05	5671706.03	702306.03	-119.51	-125.07	-135.35
17	2350	2007/8/22	10:55:16	725	4485.00	-12.744	0.740	0.040	4559.523	980906.992	0.01	0.11	2.07	2.19	981174.19	668.60	5671704.61	702356.74	-119.63	-125.23	-135.58
17	2400	2007/8/22	11:01:05	725	4485.00	-14.147	0.720	0.038	4558.113	980905.582	0.02	0.18	2.12	2.32	981174.19	673.40	5671702.82	702408.07	-119.90	-125.53	-135.94
17	2450	2007/8/22	11:06:03	725	4485.00	-14.293	0.660	0.036	4557.949	980905.417	0.04	0.37	2.10	2.50	981174.19	671.84	5671704.55	702459.85	-120.22	-125.81	-136.17
17	2500	2007/8/22	11:21:20	725	4485.00	-11.684	0.700	0.031	4560.570	980908.037	0.06	0.59	1.89	2.55	981174.19	657.70	5671709.62	702509.01	-120.49	-125.94	-136.04
17	2550	2007/8/22	11:27:52	725	4485.00	-6.486	0.350	0.029	4565.660	980913.126	0.09	0.77	1.63	2.49	981174.19	632.02	5671705.05	702555.05	-120.86	-126.09	-135.75
17	2600	2007/8/22	11:34:01	725	4485.00	-2.724	0.580	0.026	4569.494	980916.959	0.10	0.88	1.50	2.49	981174.19	611.95	5671705.42	702602.79	-121.34	-126.38	-135.71
17	2650	2007/8/22	11:44:05	725	4485.00	1.201	0.680	0.022	4573.449	980920.914	0.10	1.07	1.47	2.63	981174.19	590.81	5671700.73	702649.30	-121.85	-126.70	-135.67
17	2700	2007/8/22	11:51:26	725	4485.00	3.717	0.590	0.019	4575.937	980923.402	0.14	1.24	1.49	2.86	981174.19	576.54	5671697.89	702697.28	-122.33	-127.04	-135.76
17	2750	2007/8/22	12:18:43	725	4485.00	5.574	0.750	0.008	4577.844	980925.306	0.30	1.23	1.52	3.05	981174.18	563.14	5671692.52	702759.86	-123.38	-127.98	-136.49
18	1800	2007/8/22	15:58:29	725	4485.00	10.610	0.730	-0.067	4582.873	980930.321	0.04	0.74	1.72	2.51	981174.31	540.26	5671812.64	701813.77	-124.06	-128.52	-136.76
18	1850	2007/8/22	15:52:00	725	4485.00	6.938	0.670	-0.066	4579.183	980926.631	0.09	0.90	1.70	2.69	981174.30	559.09	5671810.16	701862.09	-123.42	-128.02	-136.53
18	1900	2007/8/22	15:43:07	725	4485.00	2.136	0.610	-0.064	4574.363	980921.811	0.11	1.08	1.73	2.93	981174.30	582.83	5671810.74	701907.06	-122.81	-127.59	-136.44
18	1950	2007/8/22	15:33:50	725	4485.00	-4.048	0.360	-0.062	4568.102	980915.551	0.11	1.06	1.94	3.11	981174.29	613.73	5671808.07	701949.95	-122.28	-127.32	-136.64
18	2000	2007/8/22	15:23:33	725	4485.00	-10.167	0.660	-0.059	4562.075	980909.525	0.12	0.92	2.38	3.43	981174.28	643.41	5671801.02	701992.71	-121.89	-127.19	-137.00
18	2050	2007/8/22	15:14:18	725	4485.00	-6.671	0.740	-0.057	4565.596	980913.046	0.05	0.37	1.92	2.34	981174.28	633.53	5671800.89	702044.40	-121.13	-126.40	-136.16
18	2100	2007/8/22	15:06:47	725	4485.00	-6.907	0.720	-0.054	4565.354	980912.805	0.01	0.22	1.85	2.09	981174.28	637.35	5671802.97	702096.46	-120.68	-126.00	-135.85
18	2150	2007/8/22	14:56:08	725	4485.00	-7.581	0.760	-0.051	4564.692	980912.144	0.01	0.18	1.84	2.03	981174.28	642.31	5671803.27	702147.93	-120.29	-125.65	-135.59
18	2200	2007/8/22	14:49:17	725	4485.00	-8.262	0.530	-0.049	4563.940	980911.392	0.02	0.13	1.84	1.99	981174.28	646.88	5671802.89	702200.17	-120.08	-125.49	-135.50
18	2250	2007/8/22	14:43:50	725	4485.00	-9.115	0.730	-0.047	4563.149	980910.601	0.03	0.12	1.83	1.98	981174.28	651.86	5671804.97	702251.40	-119.78	-125.24	-135.33
18	2300	2007/8/22	14:37:56	725	4485.00	-10.285	0.800	-0.045	4562.000	980909.453	0.02	0.08	1.94	2.03	981174.28	657.40	5671806.80	702302.07	-119.76	-125.26	-135.45
18	2350	2007/8/23	07:36:38	725	4485.00	-9.924	0.770	0.075	4562.352	980909.808	0.01	0.11	1.97	2.09	981174.28	656.14	5671809.25	702351.90	-119.64	-125.13	-135.29
18	2350	2007/8/22	14:31:46	725	4485.00	-9.878	0.740	-0.043	4562.389	980909.842	0.01	0.11	1.97	2.09	981174.28	656.14	5671809.25	702351.90	-119.61	-125.10	-135.26
18	2350	2007/8/23	07:37:20	562	4450.00	-42.085	0.750	0.075	4558.250	980909.908	0.01	0.11	1.97	2.09	981174.28	656.14	5671809.25	702351.90	-119.54	-125.03	-135.19
18	2400	2007/8/22	14:24:40	725	4485.00	-10.296	0.670	-0.041	4561.949	980909.403	0.02	0.20	1.84	2.05	981174.28	655.95	5671814.42	702402.06	-120.00	-125.48	-135.62
18	2450	2007/8/22	14:17:24	725	4485.00	-10.504	0.680	-0.039	4561.744	980909.199	0.04	0.38	1.86	2.28	981174.28	654.76	5671817.18	702452.90	-120.28	-125.73	-135.82
18	2500	2007/8/22	14:09:43	725	4485.00	-8.491	0.630	-0.036	4563.742	980911.197	0.11	0.64	1.73	2.48	981174.28	642.96	5671814.77	702499.50	-120.61	-125.93	-135.79
18	2550	2007/8/22	13:57:39	725	4485.00	-3.990	0.660	-0.031	4568.252	980915.708	0.11	0.80	1.53	2.44	981174.28	619.92	5671813.26	702546.91	-121.01	-126.13	-135.60
18	2600	2007/8/22	13:50:48	725	4485.00	0.698	0.670	-0.029	4572.943	980920.400	0.09	0.86	1.47	2.42	981174.28	595.78	5671816.75	702593.53	-121.58	-126.49	-135.58
18	2650	2007/8/22	13:38:36	725	4485.00	4.694	0.640	-0.024	4576.929	980924.386	0.08	0.82	1.50	2.40	981174.28	574.71	5671817.82	702642.32	-122.28	-127.02	-135.78
18	2700	2007/8/22	13:29:14	725	4485.00	7.597	0.710	-0.021	4579.855	980927.313	0.06	0.69	1.57	2.32	981174.28	559.00	5671813.61	702692.47	-122.96	-127.58	-136.12
18	2750	2007/8/22	13:20:18	725	4485.00	9.932	0.680	-0.017	4582.180	980929.638	0.03	0.57	1.65	2.24	981174.27	546.00	5671804.64	702743.77	-123.62	-128.15	-136.51
18	2850	2007/8/22	13:02:40	725	4485.00	13.205	0.720	-0.010	4585.466	980932.925	0.02	0.36	1.76	2.14	981174.27	527.17	5671798.49	702849.11	-124.70	-129.09	-137.20
18	2900	2007/8/22	12:56:27	725	4485.00	14.472	0.730	-0.007	4586.736	980934.196	0.03	0.26	1.80	2.09	981174.26	518.80	5671793.78	702902.49	-125.37	-129.70	-137.70
18	2950	2007/8/22	12:50:00	725	4485.00	15.531	0.770	-0.005	4587.807	980935.268	0.02	0.18	1.82	2.01	981174.26	512.13	5671790.70	702952.29	-125.86	-130.13	-138.05
18	2975	2007/8/22	12:43:55	725	4485.00	16.278	0.690	-0.002	4588.529	980935.990	0.01	0.15	1.85	2.01	981174.26	508.17	5671791.12	702977.40	-126.03	-130.28	-138.13
18	2975	2007/8/23	09:22:53	562	4450.00	-15.958	0.770	0.084	4584.382	980936.030	0.00	0.15	1.85	2.00	981174.26	508.17	5671791.12	702977.40	-125.99	-130.24	-138.09
19	1800	2007/8/23	09:03:53	725	4485.00	11.660	0.740	0.085	4583.927	980931.376	0.08	0.74	1.81	2.63	981174.38	533.24	5671899.09	701801.95	-124.62	-129.01	-137.15
19	1850	2007/8/23	09:10:57	725	4485.00	7.577	0.660	0.084	4579.819	980927.268	0.09	0.80	1.75	2.64	981174.38	554.85	5671900.15	701849.45	-123.90	-128.47	-136.94
19	1900	2007/8/23	09:17:14	725	4485.00	4.000	0.740	0.084	4576.267	980923.716	0.08	0.87	1.74	2.69	981174.37	574.84	5671902.19	701898.53	-122.97	-127.70	-136.46
19	1950	2007/8/23	09:23:39	725	4485.00	0.670	0.720	0.084	4572.930	980920.379	0.07	0.86	1.73	2.66	981174.37	593.69	5671901.74	701947.15	-122.15	-127.04	-136.09
19	2000	2007/8/23	09:30:31	725	4485.00	-1.667	0.640	0.083	4570.568	980918.016	0.06	0.75	1.72	2.52	981174.36	607.56	5671898.33	701991.58	-121.57	-126.59	-135.88
19	2050	2007/8/23	09:39:10	725	4485.00	-4.631	0.650	0.082	4567.608	980915.055	0.03	0.52	1.73	2.28	981174.37	624.85	5671904.06	702057.69	-120.95	-126.14	-135.74
19	2100	2007/8/23	09:46:22	725	4485.00	-6.375	0.760	0.081	4565.897	980913.344	0.05	0.44	1.76	2.24	981174.36	635.05	5671898.43	702111.56	-120.50	-125.78	-135.55
19	2150	2007/8/23	09:55:27	725	4485.00	-11.173	0.560	0.080	4561.038	980908.484	0.10	0.31	1.98	2.39	981174.35	657.05	5671898.95	702162.90	-120.63	-126.11	-136.25
19	2200	2007/8/23	10:02:37	725	4485.00	-13.446	0.710	0.079	4558.811	980906.257	0.04	0.21	2.18	2.42	981174.37	669.40	5671918.90	702199.73	-120.26	-125.85	-136.20
19	2250	2007/8/23	10:07:56	725	4485.00	-12.356	0.640	0.078	4559.880	980907.325	0.02	0.11	2.08	2.21	981174.38	666.04	5671929.88	702249.12	-120.04	-125.61	-135.92
19	2300	2007/8/23	10:13:32	725	4485.00	-10.286	0.810	0.077	4562.003	980909.448	0.03	0.12	1.86	2.01	981174.37	656.43	5671924.93	702299.29	-120.02	-125.52	-135.68
19	2350	2007/8/23	10:21:16	725	4485.00	-8.604	0.630	0.075	4563.628	980911.073	0.02	0.18	1.76	1.96	981174.37	648.35	5671920.56	702349.90	-120.12	-125.54	-135.56
19	2350	2007/8/23	10:43:22	562	4450.00	-40.786	0.630	0.069	4559.511	980911.152	0.02	0.18	1.76	1.96	981174.37	648.35	5671920.56	702349.90	-120.04	-125.46	-135.48
19	2400	2007/8/23	10:30:20	725	4485.00	-7.529	0.730	0.072	4564.734	980912.178	0.04	0.24	1.71	1.99	981174.36	642.26	5671909.86	702401.22	-120.28	-125.64	-135.56
19	2450	2007/8/23	10:39:35	725	4485.00	-12.455	0.720	0.070	4559.806	980907.249	0.07	0.55	1.87	2.50	981174.35	659.34	5671902.96	702450.30	-121.10	-126.58	-136.70

Line	Station	Date	Time Local	Meter	Dial	C-Aliod	H.I.	Tide	StatG	G Observed	1-16.5m B	16.5-275m mid TC	.275-5km far TC	total Terr C TC@2.0	NIMA 1998 Theoretical	Elev (m)	UTM10 Northing	NAD83 Easting	BG @2.10	BG @2.30	BG @2.67
19	2500	2007/8/23	10:31:36	562	4450.00	-36.649	0.710	0.072	4563.673	980915.314	0.06	0.61	1.54	2.21	981174.36	622.88	5671910.36	702496.82	-121.03	-126.19	-135.74
19	2550	2007/8/23	10:24:10	562	4450.00	-33.071	0.660	0.074	4567.236	980918.878	0.06	0.64	1.47	2.18	981174.36	604.29	5671910.01	702545.93	-121.53	-126.53	-135.79
19	2600	2007/8/23	10:18:24	562	4450.00	-29.622	0.760	0.075	4570.715	980922.358	0.06	0.67	1.47	2.19	981174.36	586.01	5671908.04	702595.34	-122.06	-126.90	-135.87
19	2650	2007/8/23	10:11:25	562	4450.00	-26.015	0.660	0.077	4574.292	980925.935	0.06	0.63	1.52	2.21	981174.35	566.75	5671906.63	702644.29	-122.76	-127.45	-136.12
19	2700	2007/8/23	10:06:38	562	4450.00	-23.002	0.570	0.078	4577.277	980928.921	0.02	0.53	1.61	2.16	981174.35	550.55	5671904.64	702694.36	-123.46	-128.02	-136.47
19	2750	2007/8/23	09:58:40	562	4450.00	-20.934	0.660	0.080	4579.373	980931.017	0.00	0.36	1.64	2.01	981174.36	539.31	5671908.98	702744.69	-124.01	-128.50	-136.80
19	2800	2007/8/23	09:51:21	562	4450.00	-19.607	0.350	0.081	4580.604	980932.250	0.00	0.27	1.72	1.98	981174.36	531.17	5671910.27	702796.91	-124.68	-129.11	-137.30
19	2850	2007/8/23	09:45:24	562	4450.00	-17.929	0.760	0.082	4582.408	980934.054	0.01	0.21	1.78	1.99	981174.36	519.68	5671911.68	702850.32	-125.47	-129.81	-137.83
19	2900	2007/8/23	09:36:49	562	4450.00	-17.677	0.500	0.083	4582.580	980934.227	0.00	0.13	1.78	1.92	981174.36	516.26	5671913.94	702903.66	-126.13	-130.45	-138.43
19	2950	2007/8/23	09:31:39	562	4450.00	-15.950	0.690	0.083	4584.366	980936.013	0.00	0.12	1.83	1.96	981174.35	505.66	5671909.76	702951.95	-126.69	-130.92	-138.74
20	1800	2007/8/23	08:52:41	725	4485.00	11.897	0.680	0.085	4584.146	980931.596	0.08	0.95	1.87	2.90	981174.46	530.78	5672001.28	701800.38	-124.81	-129.16	-137.22
20	1850	2007/8/23	08:45:37	725	4485.00	7.980	0.720	0.084	4580.241	980927.692	0.07	0.96	1.79	2.82	981174.46	552.65	5671999.97	701846.55	-123.87	-128.41	-136.81
20	1900	2007/8/23	08:40:01	725	4485.00	5.221	0.720	0.084	4577.481	980924.933	0.05	1.01	1.74	2.80	981174.45	568.57	5672000.52	701894.10	-123.06	-127.73	-136.37
20	1950	2007/8/23	08:33:17	725	4485.00	2.646	0.730	0.084	4574.909	980922.361	0.08	1.11	1.69	2.88	981174.45	582.26	5671999.78	701944.77	-122.51	-127.28	-136.11
20	2000	2007/8/23	08:26:25	725	4485.00	-1.069	0.730	0.083	4571.195	980918.647	0.11	1.09	1.69	2.88	981174.45	602.28	5671999.48	701993.23	-121.83	-126.77	-135.91
20	2050	2007/8/23	08:18:19	725	4485.00	-5.322	0.710	0.082	4566.936	980914.388	0.11	0.97	1.77	2.85	981174.44	624.77	5672000.52	702041.05	-121.24	-126.38	-135.89
20	2100	2007/8/23	08:10:40	725	4485.00	-9.235	0.730	0.081	4563.029	980910.482	0.12	0.82	1.96	2.90	981174.44	645.30	5672001.63	702089.77	-120.78	-126.10	-135.96
20	2150	2007/8/23	08:02:18	725	4485.00	-14.881	0.630	0.080	4557.352	980904.806	0.13	0.56	2.32	3.01	981174.43	672.03	5671999.82	702135.19	-120.83	-126.40	-136.73
20	2200	2007/8/23	07:54:12	725	4485.00	-15.622	0.730	0.078	4556.642	980904.096	0.08	0.31	2.43	2.82	981174.44	678.47	5672007.63	702179.41	-120.39	-126.05	-136.51
20	2250	2007/8/23	07:48:53	725	4485.00	-13.417	0.590	0.077	4558.803	980906.258	0.03	0.16	2.17	2.36	981174.44	670.62	5672009.72	702231.76	-120.11	-125.72	-136.10
20	2300	2007/8/23	07:45:49	562	4450.00	-43.031	0.710	0.077	4557.292	980908.949	0.02	0.19	1.99	2.20	981174.44	659.29	5672011.91	702283.96	-119.89	-125.40	-135.59
20	2350	2007/8/23	07:55:32	562	4450.00	-40.968	0.670	0.079	4559.342	980910.998	0.04	0.28	1.79	2.11	981174.44	648.41	5672012.87	702336.76	-120.14	-125.55	-135.56
20	2400	2007/8/23	08:04:06	562	4450.00	-37.508	0.750	0.080	4562.826	980914.482	0.03	0.36	1.61	1.99	981174.44	631.57	5672016.59	702388.56	-120.30	-125.56	-135.29
20	2450	2007/8/23	08:09:44	562	4450.00	-35.153	0.700	0.081	4565.166	980916.821	0.01	0.40	1.53	1.95	981174.45	619.29	5672019.01	702441.41	-120.62	-125.77	-135.30
20	2500	2007/8/23	08:16:45	562	4450.00	-33.504	0.730	0.082	4566.824	980918.479	0.01	0.42	1.51	1.94	981174.44	609.58	5672014.86	702492.61	-121.08	-126.15	-135.52
20	2550	2007/8/23	08:22:45	562	4450.00	-31.311	0.710	0.083	4569.012	980920.665	0.02	0.49	1.49	2.00	981174.44	596.90	5672012.10	702545.36	-121.61	-126.57	-135.74
20	2600	2007/8/23	08:29:47	562	4450.00	-28.065	0.780	0.083	4572.279	980923.932	0.04	0.55	1.49	2.07	981174.44	579.19	5672016.10	702594.14	-122.20	-127.00	-135.88
20	2650	2007/8/23	08:36:17	562	4450.00	-24.526	0.700	0.084	4575.793	980927.446	0.02	0.50	1.54	2.06	981174.44	560.49	5672014.55	702644.68	-122.85	-127.50	-136.11
20	2700	2007/8/23	08:42:39	562	4450.00	-22.274	0.430	0.084	4577.962	980929.614	0.01	0.38	1.57	1.96	981174.44	548.54	5672015.58	702696.66	-123.45	-128.01	-136.45
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20	2800	2007/8/23	08:54:58	562	4450.00	-19.393	0.690	0.085	4580.923	980932.574	0.02	0.22	1.64	1.88	981174.44	529.69	5672017.56	702800.25	-124.81	-129.23	-137.41
20	2850	2007/8/23	09:00:32	562	4450.00	-16.812	0.610	0.085	4583.480	980935.130	0.03	0.23	1.76	2.02	981174.44	514.22	5672012.40	702851.78	-125.66	-129.95	-137.88
20	2900	2007/8/23	09:06:12	562	4450.00	-16.189	0.700	0.085	4584.130	980935.779	0.00	0.15	1.79	1.95	981174.43	509.30	5672009.93	702904.45	-126.17	-130.42	-138.30
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gional	2	2007/8/19	12:56:51	725	4500.00	18.518	0.790	-0.033	4606.102	980953.571	0.00	0.34	2.50	2.84	981175.02	408.62	5672675.23	701387.97	-130.98	-134.37	-140.65
gional	3	2007/8/19	13:02:48	725	4500.00	18.045	0.720	-0.033	4605.607	980953.075	0.00	1.08	2.13	3.20	981175.42	409.39	5673171.55	701322.41	-130.92	-134.25	-140.40
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gional	6	2007/8/19	13:56:17	725	4500.00	22.507	0.790	-0.037	4610.090	980957.552	0.07	0.61	2.19	2.87	981173.69	390.48	5671007.16	701440.85	-129.38	-132.60	-138.54
gional	7	2007/8/19	14:03:14	725	4500.00	20.183	0.800	-0.038	4607.770	980955.231	0.00	0.55	1.85	2.39	981173.27	406.21	5670488.31	701625.54	-127.88	-131.23	-137.43
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gional	10	2007/8/19	14:28:21	725	4500.00	19.482	0.830	-0.040	4607.078	980954.537	0.00	0.05	1.86	1.91	981172.59	384.18	5669611.41	701357.34	-133.27	-136.48	-142.43
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gional	12	2007/8/19	14:42:24	725	4500.00	13.285	0.770	-0.041	4600.862	980948.319	0.00	0.23	1.40	1.63	981172.90	452.56	5670038.32	702099.73	-124.53	-128.30	-135.28
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gional	16	2007/8/19	15:19:31	725	4500.00	2.683	0.760	-0.045	4590.257	980937.710	0.00	0.18	1.75	1.93	981173.57	504.34	5670932.92	703258.91	-124.44	-128.65	-136.44
gional	17	2007/8/19	15:25:26	725	4500.00	2.623	0.800	-0.046	4590.210	980937.662	0.01	0.47	2.01	2.49	981173.94	498.89	5671396.96	703100.18	-125.76	-129.89	-137.55
gional	18	2007/8/19	15:35:01	725	4500.00	4.449	0.780	-0.047	4592.030	980939.480	0.00	0.29	2.03	2.31	981174.62	488.71	5672246.94	702902.98	-127.06	-131.13	-138.66
gional	19	2007/8/19	15:41:27	725	4500.00	5.110	0.790	-0.048	4592.694	980940.144	0.00	0.60	2.01	2.60	981174.88	485.09	5672563.37	702802.37	-127.13	-131.14	-138.55
gional	20	2007/8/19	15:46:35	725	4500.00	5.321	0.770	-0.049	4592.899	980940.348	0.02	0.39	2.15	2.56	981175.27	486.88	5673043.30	702484.10	-127.14	-131.18	-138.66

Appendix II. J. Klein 2007 Gravity Survey Comments

BITTERROOT RESOURCES Ltd.
Mt. ARMOUR PROPERTY, BARRIERE, BC
2007 GRAVITY SURVEY
COMMENTS

Gravity data was recently collected at 410 stations on the Mt. Armour grid near Barriere, BC. The stations are 50m m apart along 200m spaced lines. The grid covers ~2 sq km. An additional 20 stations were covered in the vicinity of the grid but they unfortunately did not cover the area immediately to the north causing some gridding or contouring "illusions". Mt. Armour is a VMS prospect.

The data is available in spreadsheet format. The contractor, MWH Geo-Surveys Inc. provided full reduction of the data and Bouguer Gravity (BG) results for densities of 2.1, 2.3 and 2.67 gm/cc. The data is of good quality.

The GSC etc. covered the area in 2006 with a helicopter-borne magnetic and radiometric survey (Bonaparte Lake East Survey). A portion of the results of that survey for an area directly around the gravity grid is included here.

It is important to remember that interpretations of gravity data are non-unique. The choice of BG densities is also very crucial. An important rule-of thumb is that the BG density used to calculate the profile showing the least correlation with its topography is the correct one.[1]

It is not known why the contractor used a low density (2.1 gm/cc) to present the data in map form. This is a density of e.g. rock salt.[2] The picture presented suggests, at first glance, a close correlation between topography and BG but on close examination shows the highest BG values to be positioned on the flanks of local topographic highs. The only direct correlation is at 701900E-5670800N, in the SW part of the grid. This relatively strong overall correlation between elevation and BG is related to the use of a (too) low BG density. The contours north of line 2000N suggest a closure to the BG anomaly. This closure is not supported by the grid data and most likely caused by a lack of off-the-grid data points directly north of the grid. Some 20 points were surveyed south, west, east, NW and NE of the grid. Those to the NW and NE show low values similar to those to the west and east causing the gridding to close the anomaly off.

The airborne magnetic data shows a weak high correlating with the topographic high. It continues to the north and SE. It is not possible to interpret structures etc. from this data set. The radiometric components of the GSC survey do not show much anomalous values in the grid area. The trends of K, Th and U components do not correlate too well.

BG maps for densities of 2.3, 2.4, 2.67 (average earth density) and 2.9 (low end of the sulphide scale) gm/cc are attached as well. Two images are shown for the 2.67 gm/cc data. One, as for the 2.3, 2.4 and 2.9 gm/cc data, uses a full color spectrum to display the data, the other one employs a range similar to that used for the 2.1 gm/cc data set. It emphasizes the fact that the range of BG values for the higher density if roughly 50% of that of the lower one also indicating that using that lower density is incorrect.

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[1] This correlation can be direct or mirrored depending on too low or too high a density. Large data sets require more than one density and body shapes to interpret or model it. Involved interactive 3-D computer algorithms are available to do this.

[2] A rather low density of 2.0 gm/cc is also used for the terrain correction.

There is a negative (or mirrored) correlation between the topography and the BG images for the densities of 2.67 and 2.9 gm/cc. This indicates that they are too high. A density between 2.40 and 2.50 gm/cc is more appropriate in this situation. It is most likely that the amount of less dense cover material is different near the top of the hill compared to that along the flanks influencing the gravity picture. This means that a combination of several densities should be used to model this data set. Several sets of data populations were studied. These histograms show all two populations. Attached is the histogram cross correlating topography and BG at 2.1 gm/cc. One peak correlates with the higher elevations and the other one down the slopes giving the impression that at least two rock types (=different densities) are needed to interpret/model the data.

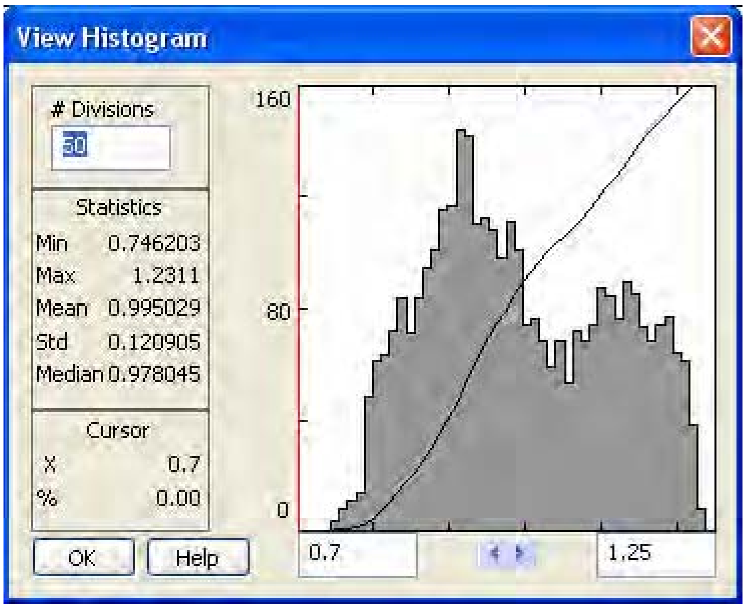


Figure 1: Histogram showing elevation-BG 210 cross correlation distribution.

There is no evidence of a massive sulphide body in this data set. Elevated geochemical values surround the BG high (for 2.4 gm/cc) visible at ~702,600E-5,671,050N but do not directly correlate with the center of the high.

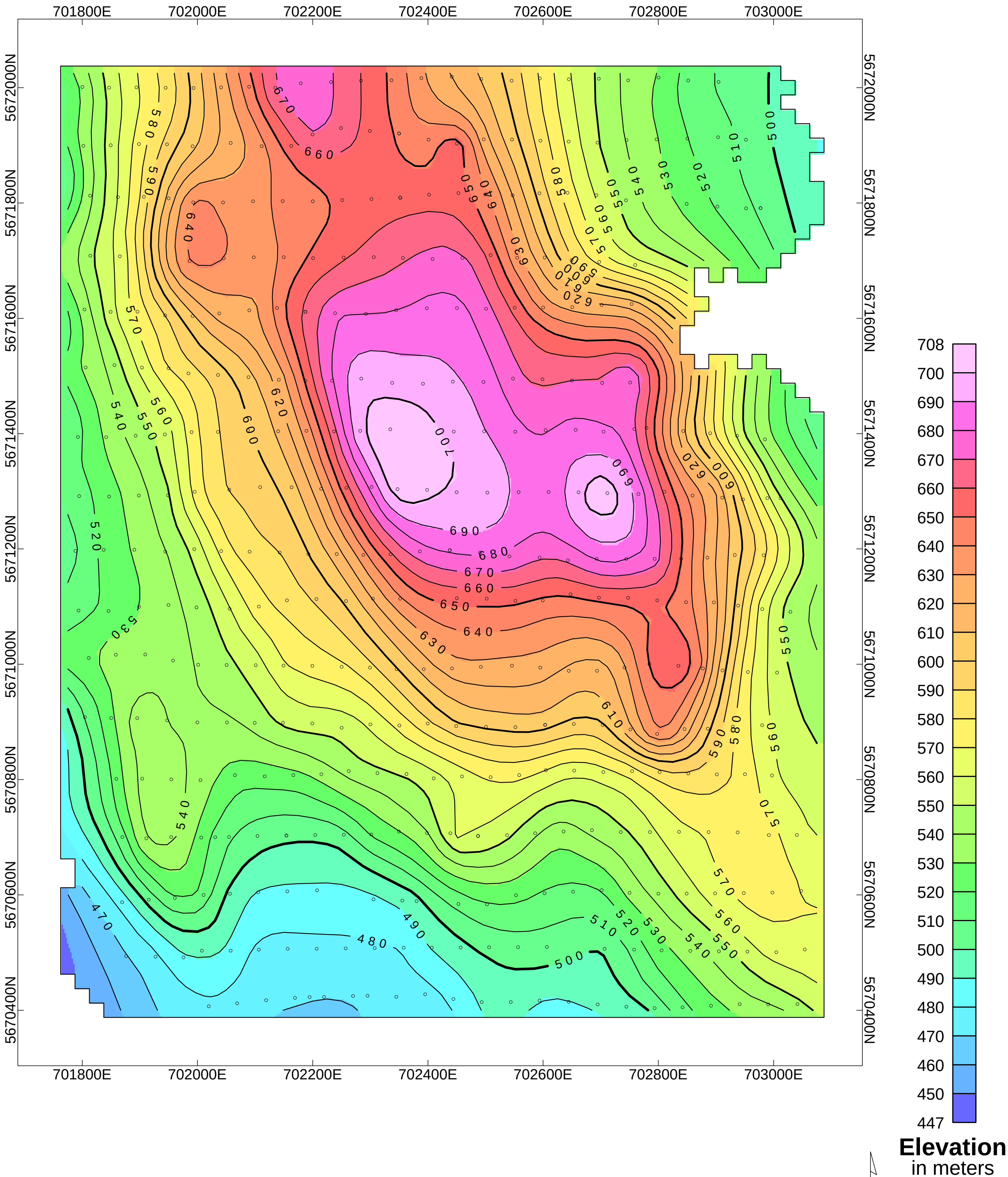
An electromagnetic survey is the most appropriate technique used in the search for VMS deposits more so than Induced Polarization.

In summary: no obvious dense body reflecting a VMS deposit was detected during this survey.

Respectfully submitted,

Jan Klein, M.Sc., P.Eng., P.Geo.
Consulting Geophysicist
Delta, BC, September 5, 2007

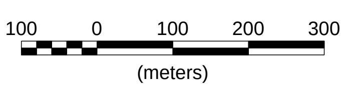
Attachments: Several maps showing semi-regional airborne magnetic and radiometric maps and maps showing various aspects of the gravity survey.

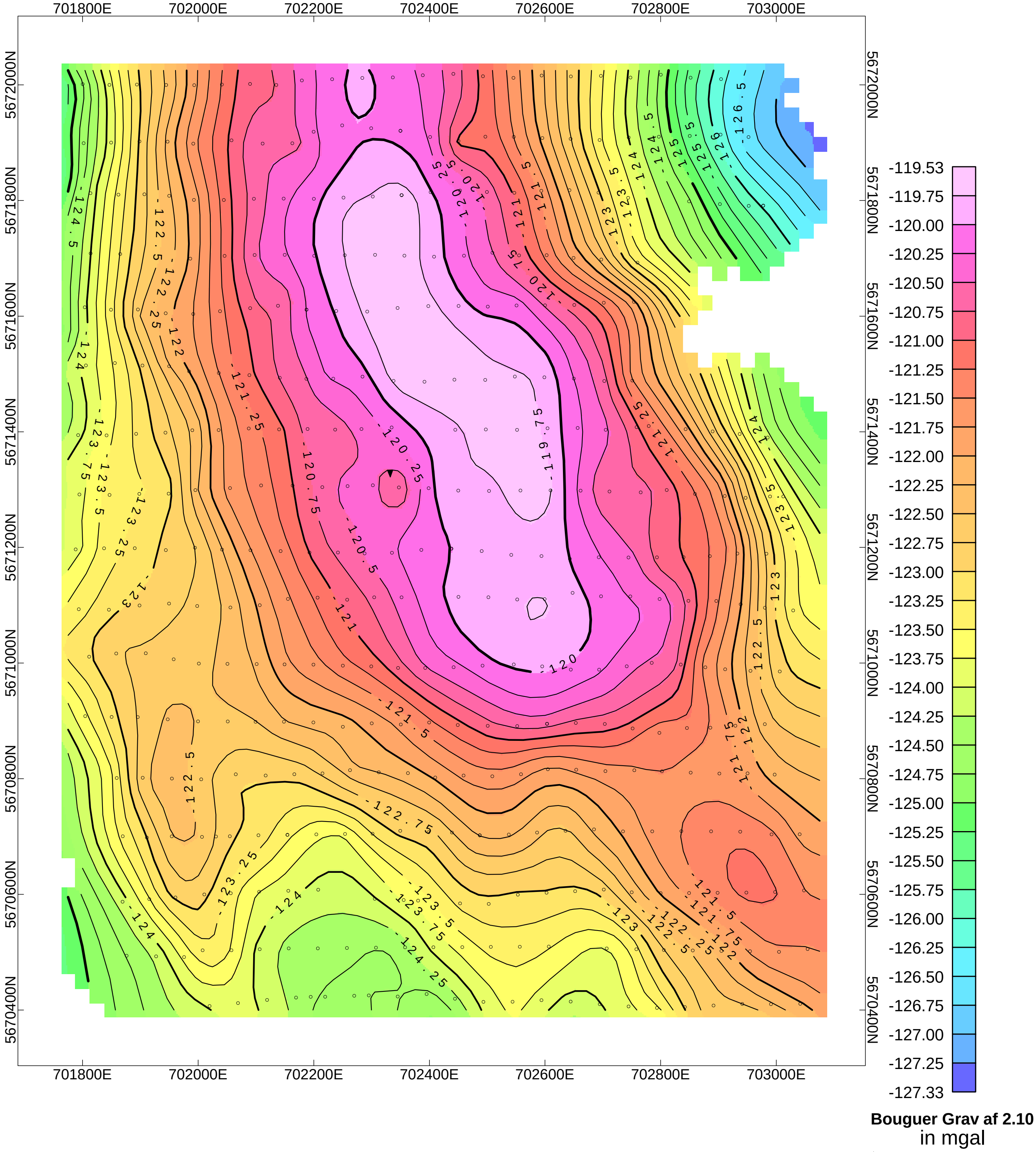


BITTERROOT RESOURCES Ltd.

Mt. Armour, Barriere, BC

Elevation





BITTERROOT RESOURCES Ltd.

Mt. Armour, Barriere, BC

BOUGUER GRAVITY at 2.10 gm/cc

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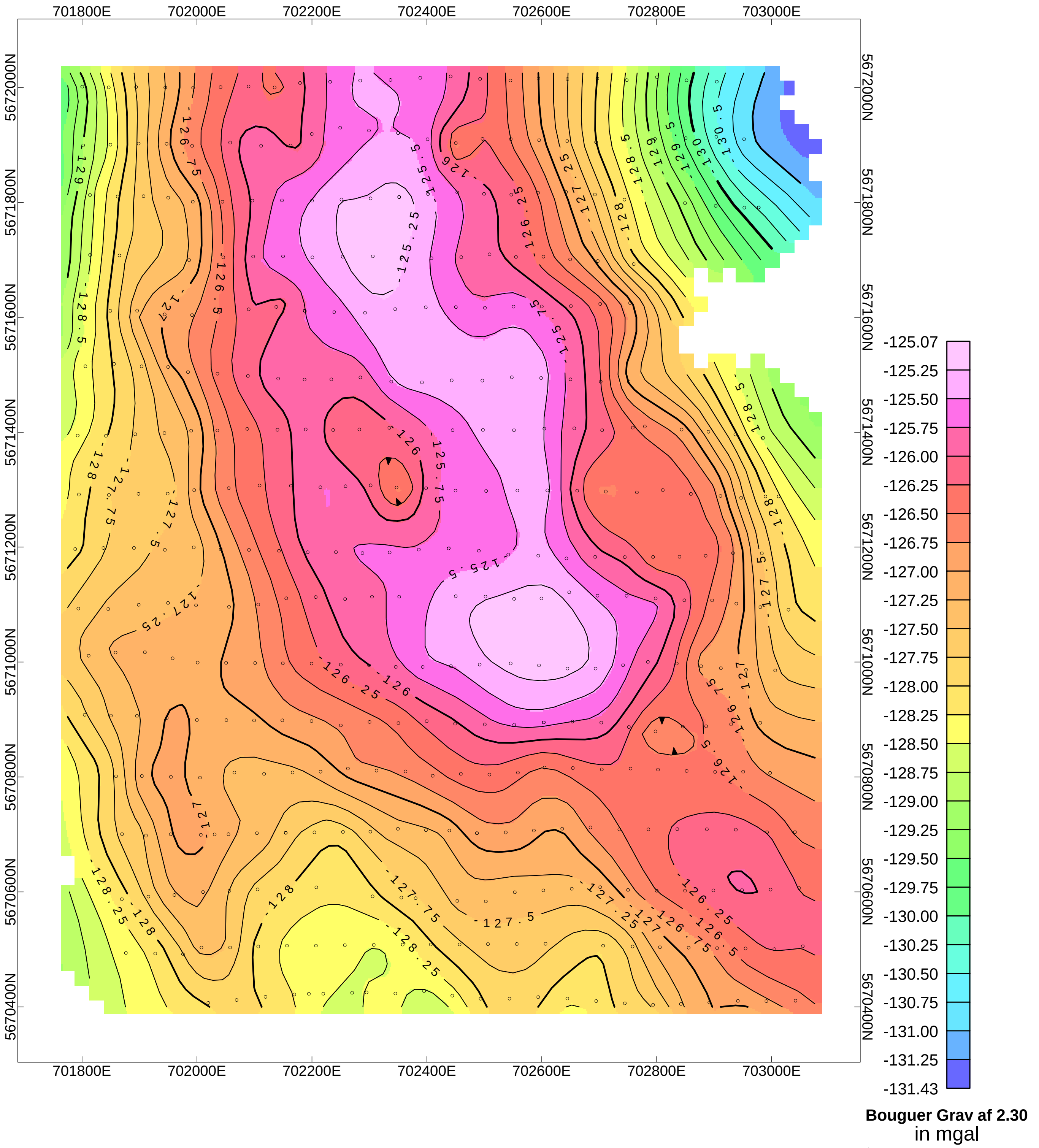
(meters)

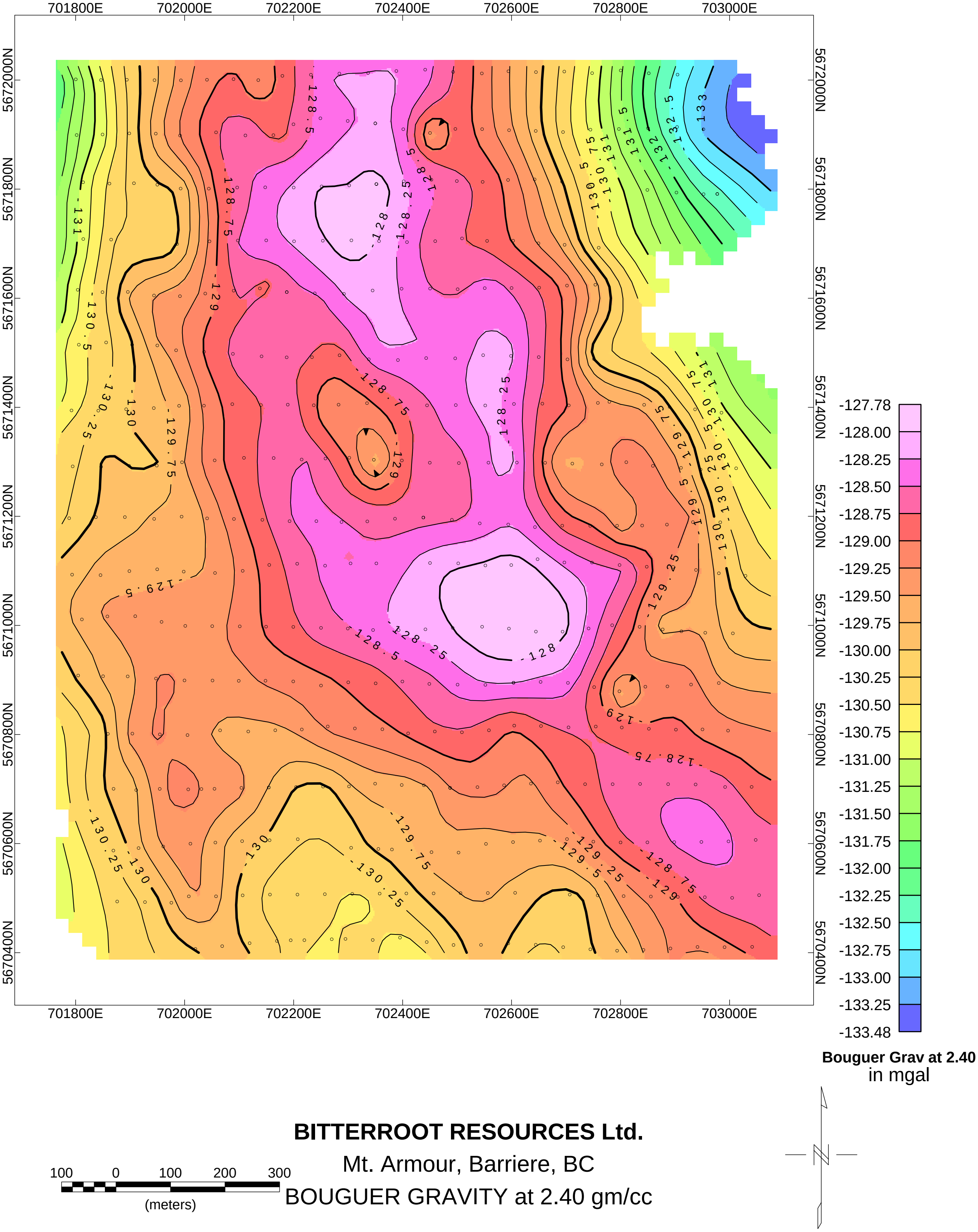


100 0 100 200 300
(meters)

BITTERROOT RESOURCES Ltd.

Mt. Armour, Barriere, BC

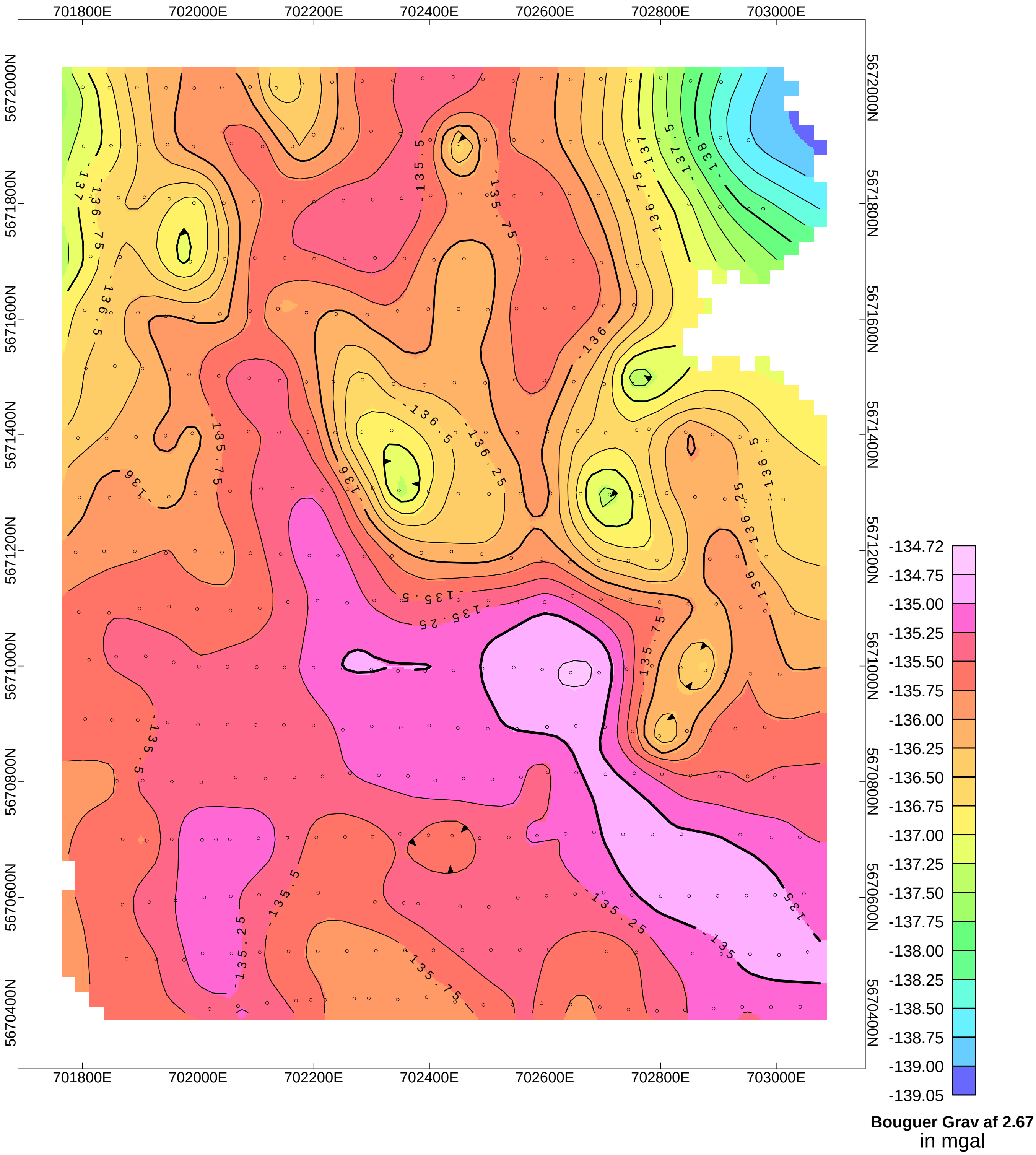
BOUGUER GRAVITY at 2.30 gm/cc



BITTERROOT RESOURCES Ltd.

Mt. Armour, Barriere, BC

BOUGUER GRAVITY at 2.40 gm/cc



BITTERROOT RESOURCES Ltd.

Mt. Armour, Barriere, BC

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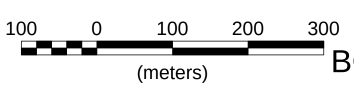
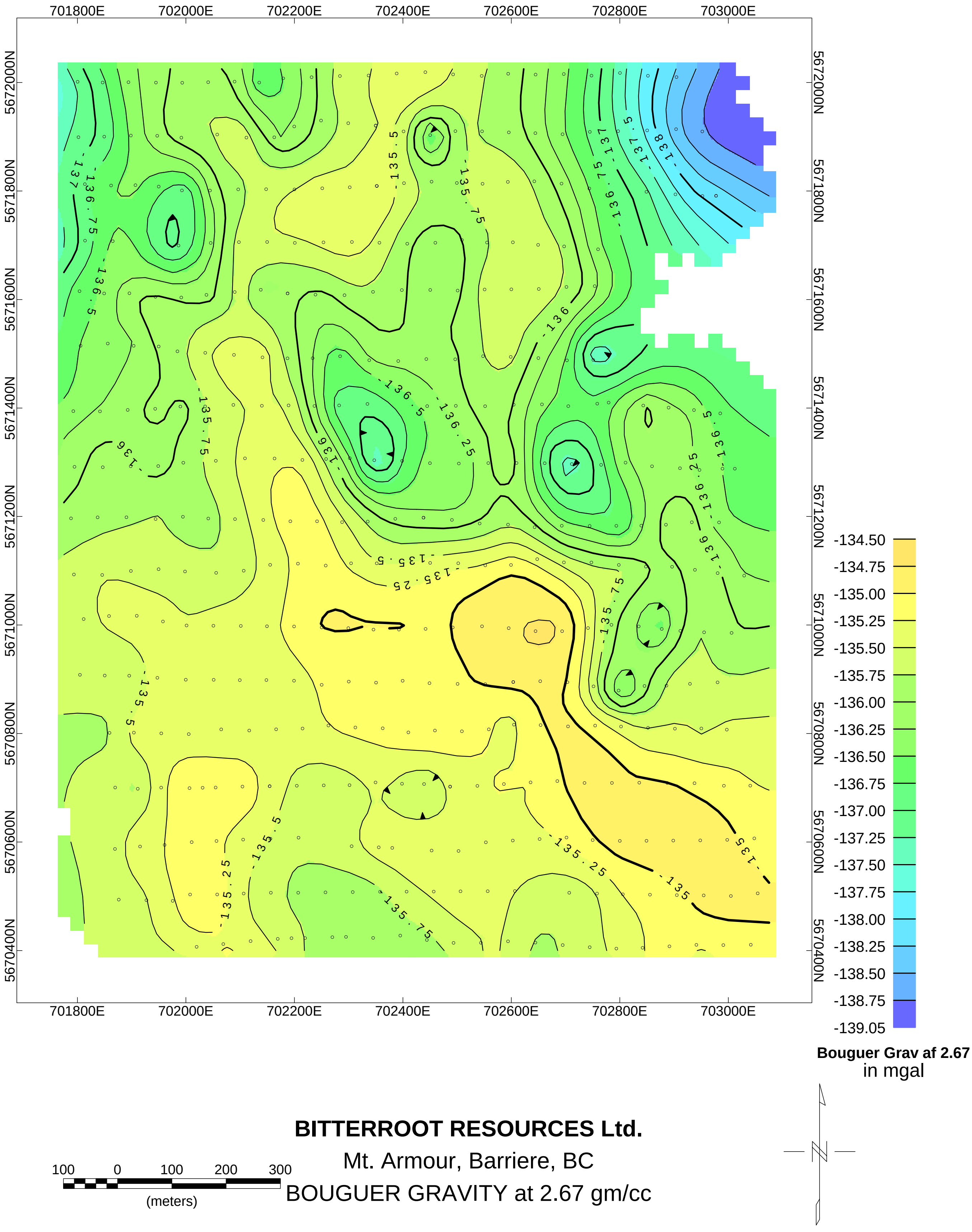
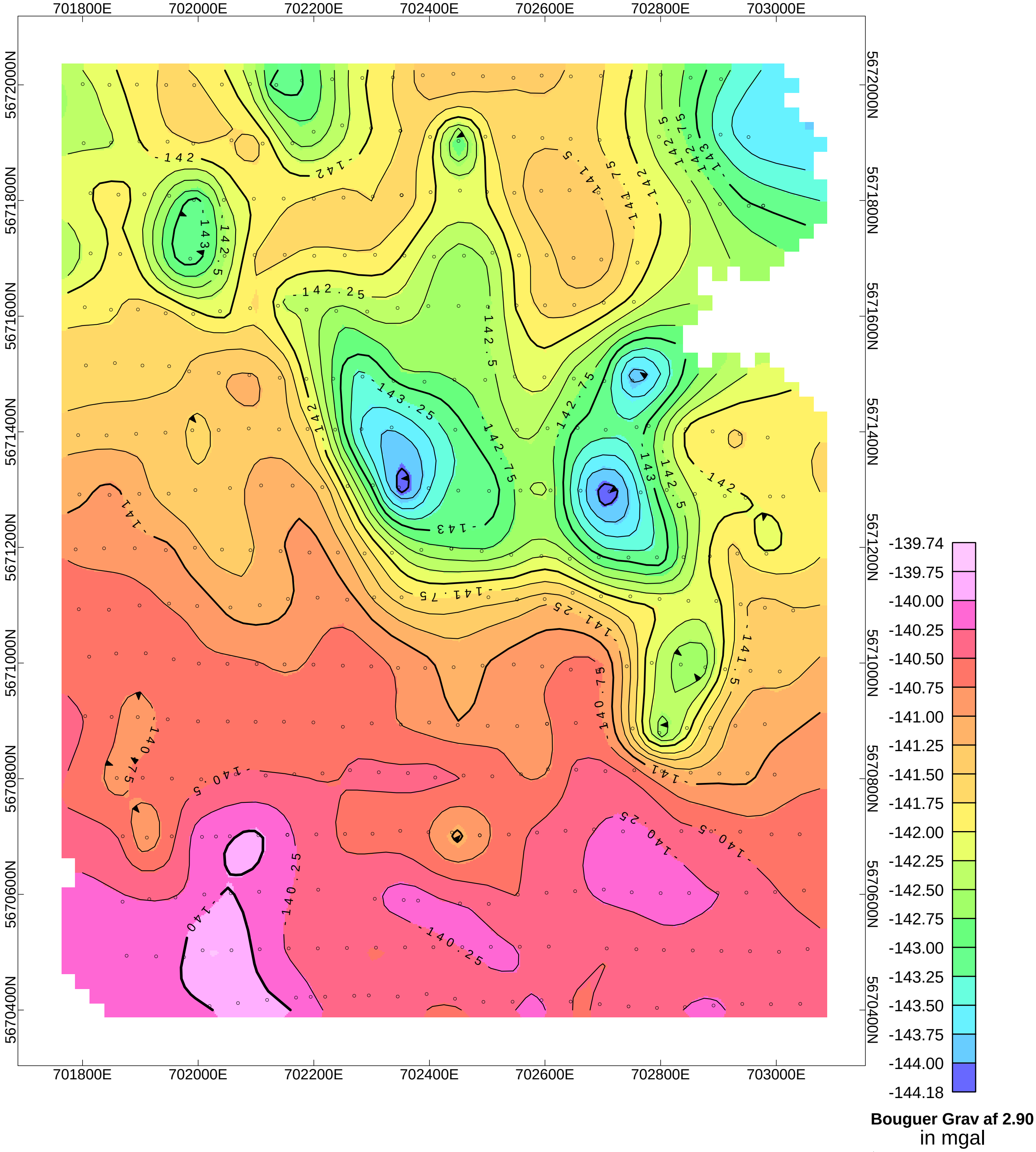




BITTERROOT RESOURCES Ltd.

Mt. Armour, Barriere, BC

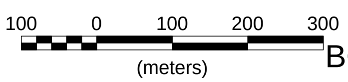
BOUGUER GRAVITY at 2.67 gm/cc

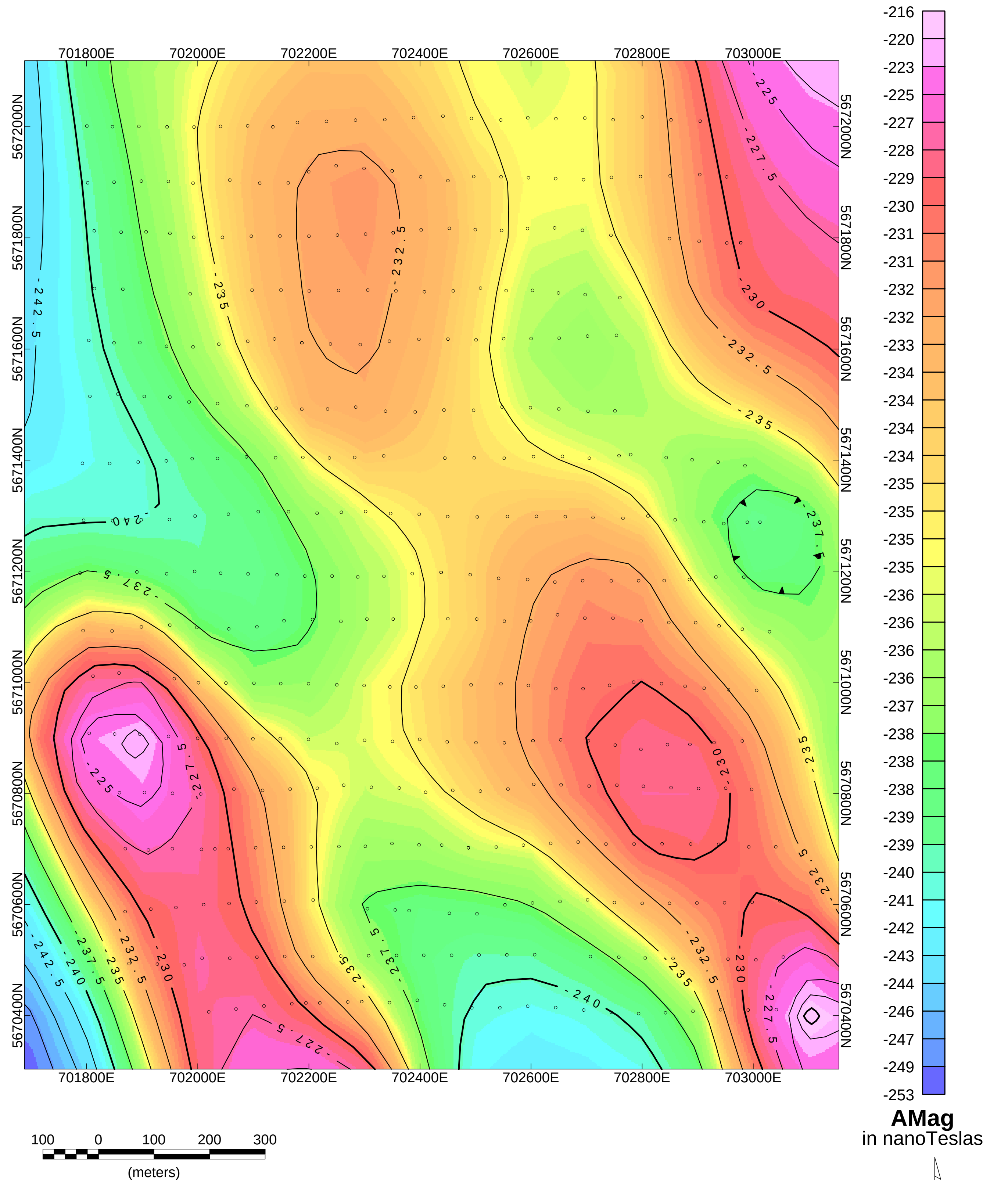


BITTERROOT RESOURCES Ltd.

Mt. Armour, Barriere, BC

BOUGUER GRAVITY for 2.90 gm/cc

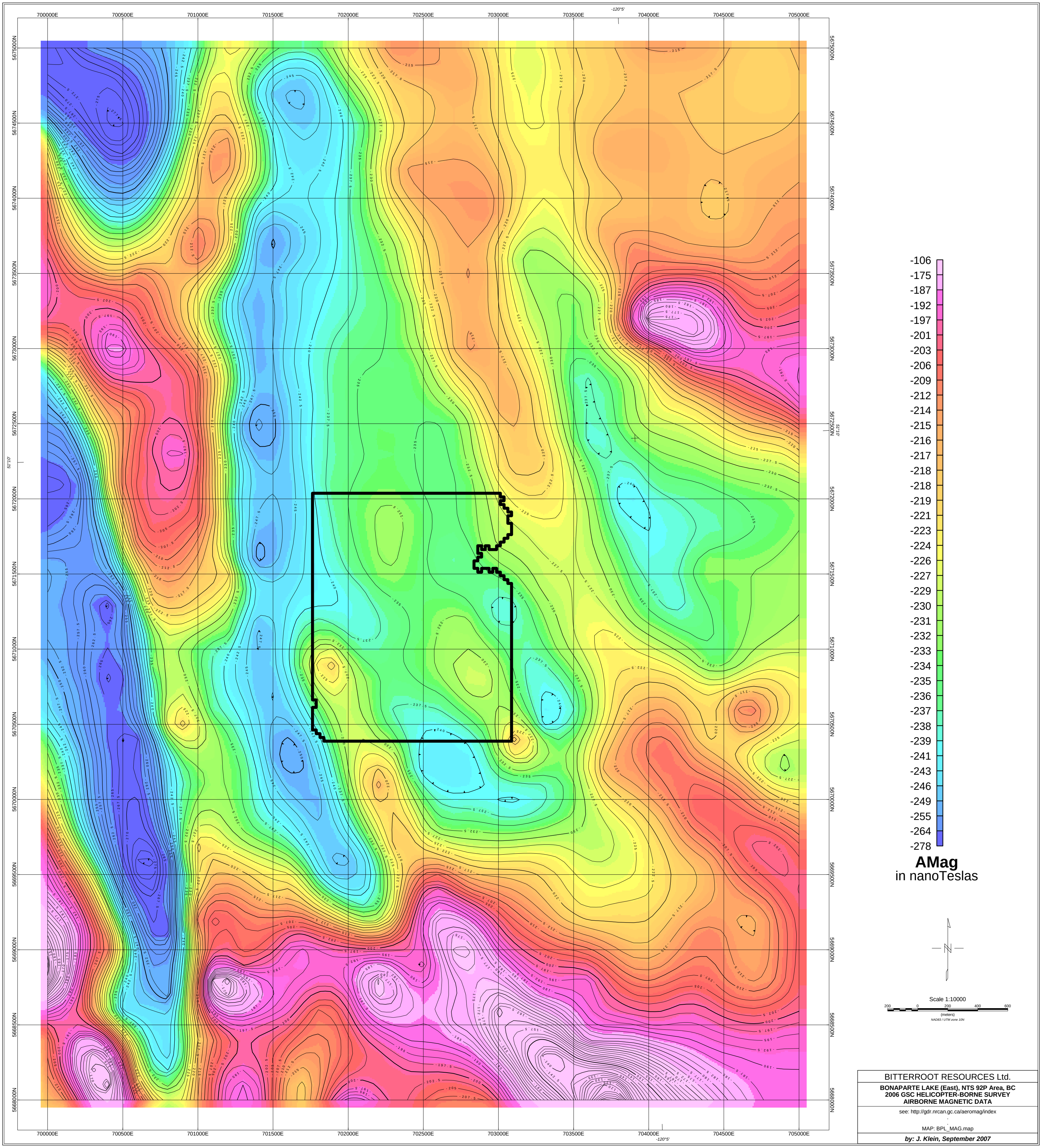




BITTERROOT RESOURCES Ltd.

Mt. Armour, Barriere, BC

Airborne Magnetic from GSC's 2006 East Bonaparte Lake Survey



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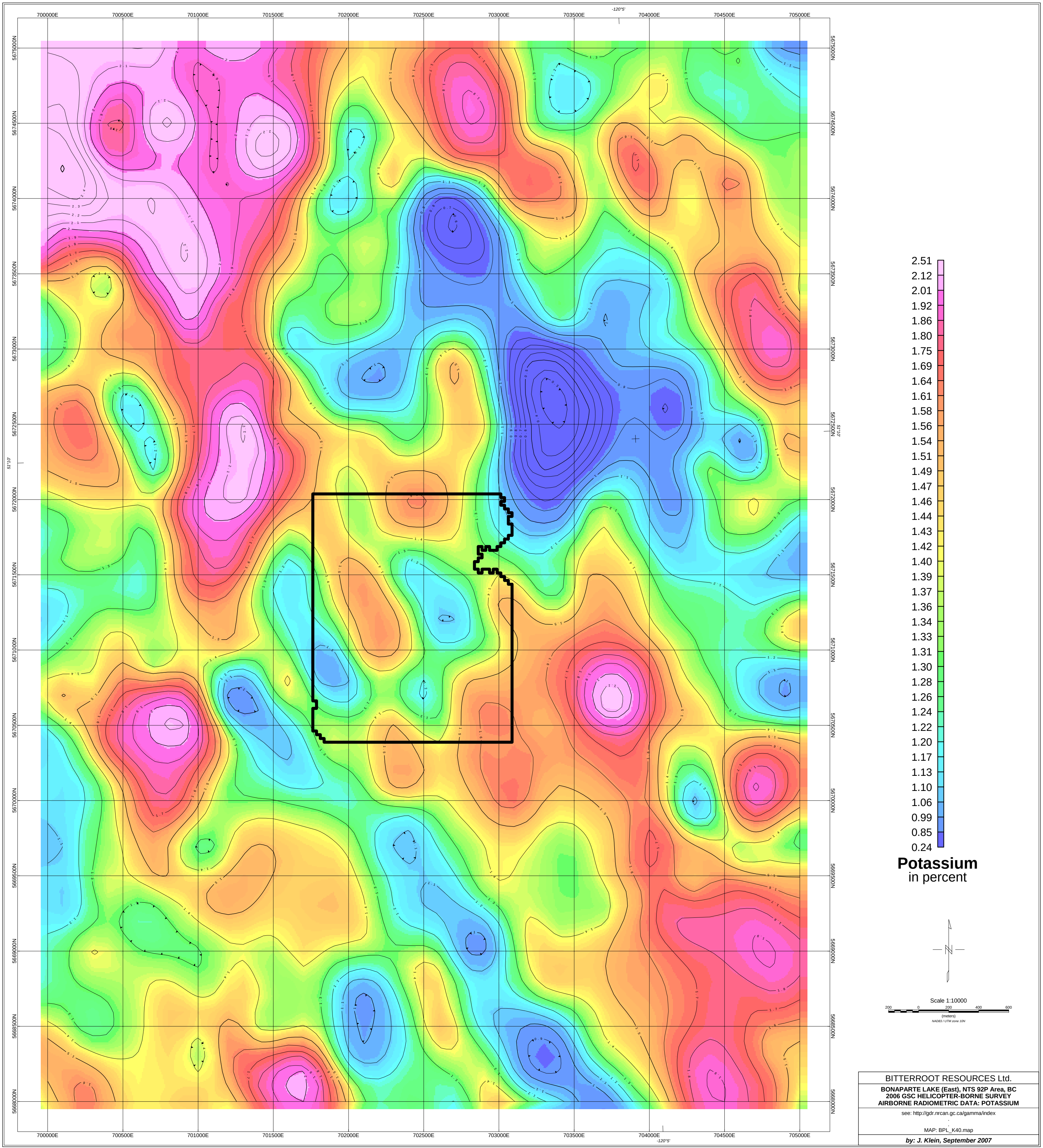
by: J. Klein, September 2007



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BITTERROOT RESOURCES Ltd.
BONAPARTE LAKE (East), NTS 92P Area, BC
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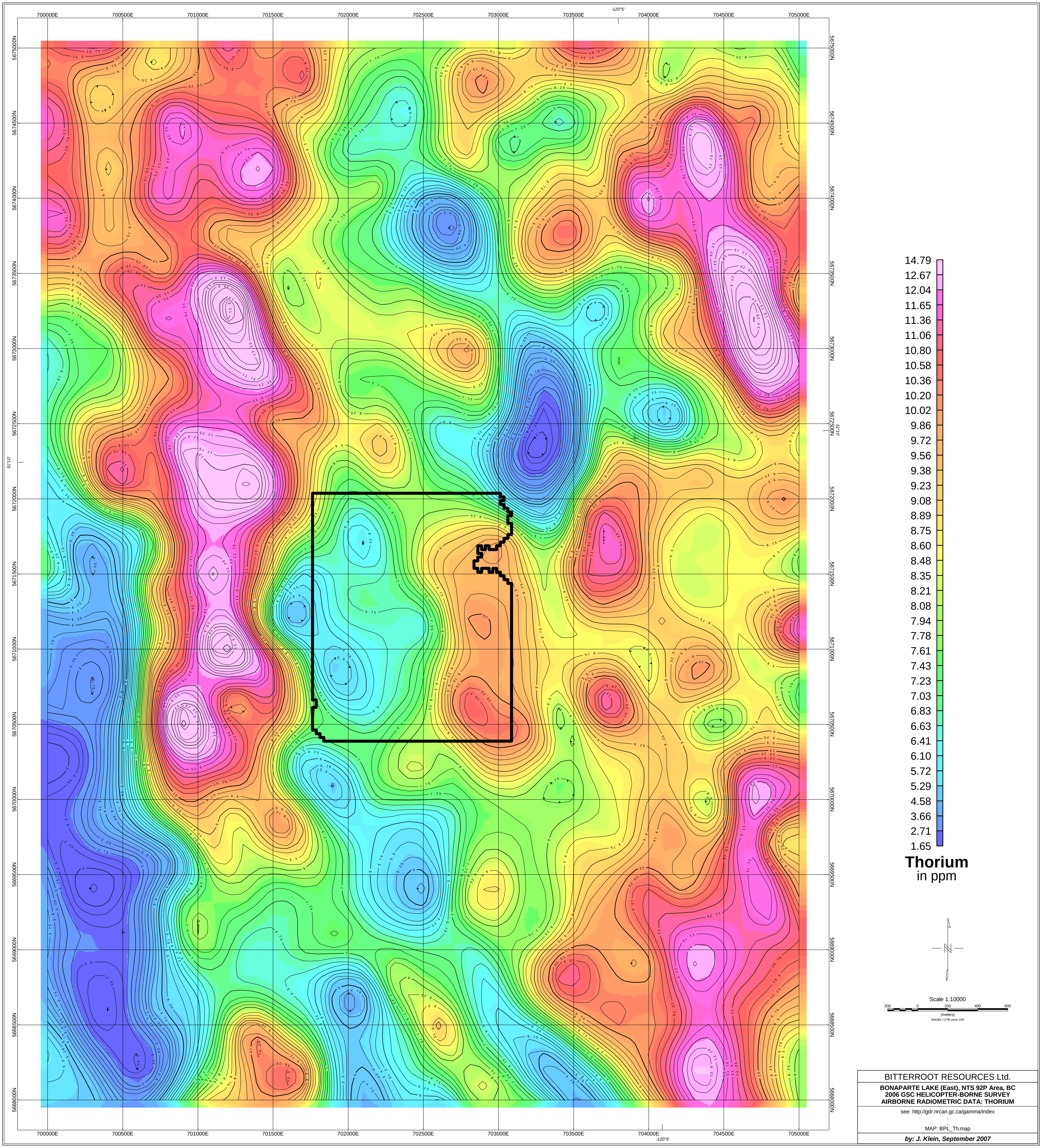

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Thorium
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BITTERROOT RESOURCES Ltd.
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2006 GSC HELICOPTER-BORNE SURVEY
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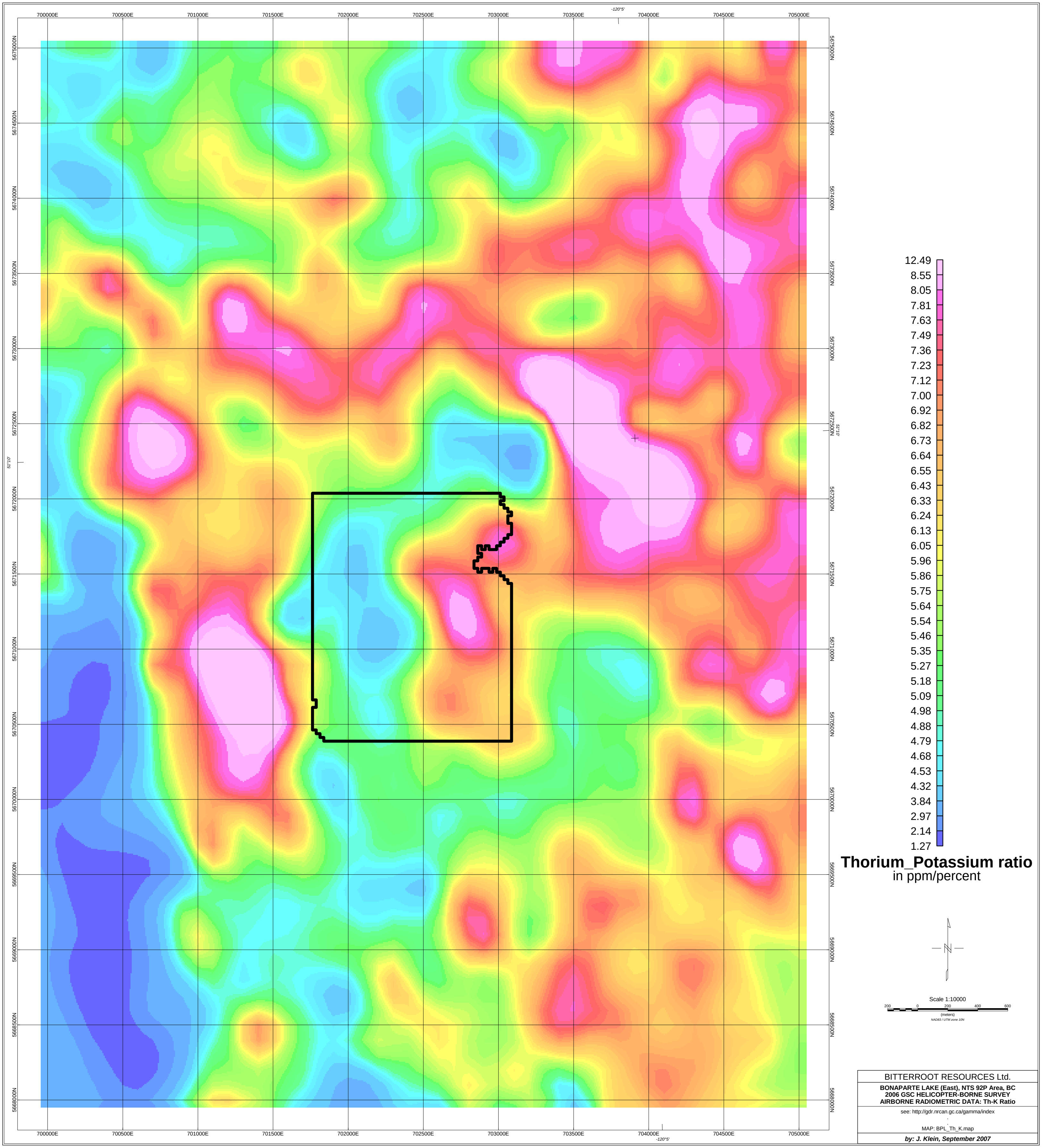
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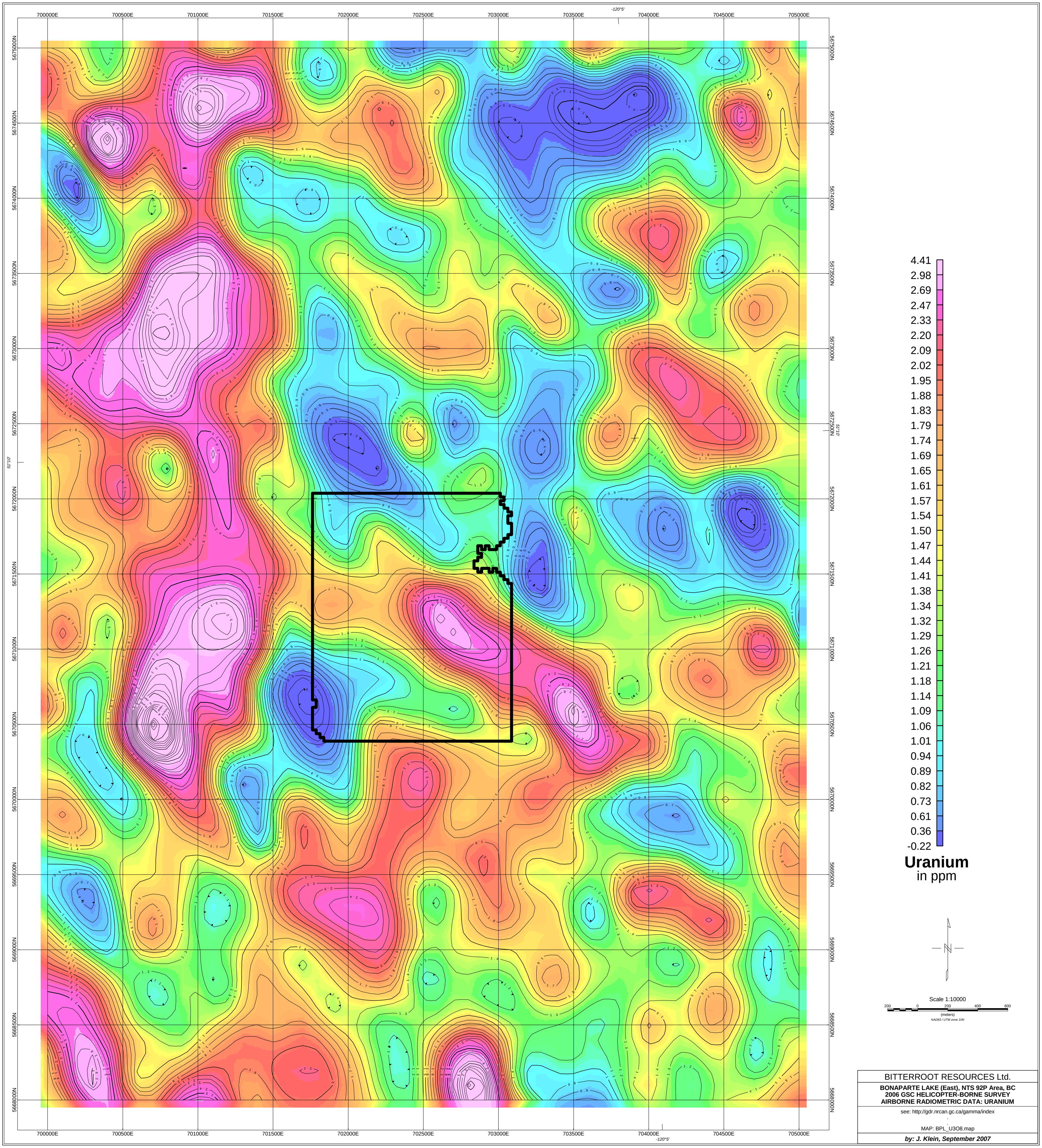
5.75
5.64
5.54
5.46
5.35
5.27
5.18
5.09
4.98
4.88
4.79
4.68
4.53
4.32
3.84
2.97
2.14
1.27
Thorium_Potassium ratio
in ppm/percent
Scale 1:10000
200 0 200 400 600
(meters)
NAD83 / UTM zone 10N
BITTERROOT RESOURCES Ltd.
BONAPARTE LAKE (East), NTS 92P Area, BC
2006 GSC HELICOPTER-BORNE SURVEY
AIRBORNE RADIOMETRIC DATA: Th-K Ratio
see: http://gdr.nrcan.gc.ca/gamma/index
MAP: BPL_Th_K.map
by: J. Klein, September 2007


700000E
700500E
701000E
701500E
702000E
702500E
703000E
703500E
704000E
704500E
705000E
-120°5'
5675000N
5674500N
5674000N
5673500N
5673000N
5672500N
5672000N
5671500N
5671000N
5670500N
5670000N
5669500N
5669000N
5668500N
5668000N
51°10'
4.41
2.98
2.69
2.47
2.33
2.20
2.09
2.02
1.95
1.88
1.83
1.79
1.74
1.69
1.65
1.61
1.57
1.54
1.50
1.47
1.44
1.41
1.38
1.34
1.32
1.29
1.26
1.21
1.18
1.14
1.09
1.06
1.01
0.94
0.89
0.82
0.73
0.61
0.36
-0.22
Uranium
in ppm
N
Scale 1:10000
200 0 200 400 600
(meters)
NAD83 / UTM zone 10N
BITTERROOT RESOURCES Ltd.
BONAPARTE LAKE (East), NTS 92P Area, BC
2006 GSC HELICOPTER-BORNE SURVEY
AIRBORNE RADIOMETRIC DATA: URANIUM
see: http://gdr.nrcan.gc.ca/gamma/index
MAP: BPL_U3O8.map
by: J. Klein, September 2007

Appendix III. Cost Statement

Cost Statement 2007

Mt. Armour Property
Gravity Survey

		Cost
MWH Geo-Survey Inc.		
3 person crew, accomodation, food, 14 days work, equipment, data, figures, differential GPS	$	22,873.00
Jan Klein Consulting		
Review and figures - 3 days @ $650	$	1,950.00
Total	**$**	**24,823.00**

Appendix IV. Statements of Qualifications

Statements of Qualifications

I, Charles James Greig, of 250 Farrell St., Penticton, British Columbia, Canada, hereby certify that:

1. I am a graduate of the University of British Columbia with a B.Comm. (1981), a B.Sc. (Geological Sciences, 1985), and an M.Sc. (Geological Sciences, 1989), and have practiced my profession continuously since graduation.

2. I have been employed in the geoscience industry for over 25 years, and have explored for gold and base metals in North, Central, and South America, and Africa for both senior and junior mining companies, and have several years of experience in regional-scale government geological mapping.

3. I am a member in good standing of the Association of Professional Engineers and Geoscientists of British Columbia (license #27529).

4. I am a "Qualified Person" as defined by National Instrument 43-101.

5. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.

6. I own shares of Bitterroot Resources Ltd., who is the optionee of the Mt. Armour Property. I am the optionor of the Mt. Armour Property.

7. I am an author of the report entitled; "2007 Gravity Survey on the Mt. Armour Property" dated July 31st, 2008. I supervised the work program reported on herein. I have been involved with exploration on behalf of Bitterroot Resources Ltd. since 1996.

8. I have read National Instrument 43-101 and Form 43-101F1 and the technical report has been prepared in compliance with National Instrument 43-101 and Form 43-101F1.

Dated at Penticton, British Columbia, this 31st day of July, 2008

Respectfully submitted,

"Charles James Greig" - signed

Charles James Greig, P.Geo

I, Susan Teresa Flasha, of #303 - 764 Government St, Penticton, British Columbia, Canada, hereby certify that:

1. I am a graduate of the Okanagan University College with a B.Sc. (Earth & Environmental Science, 2003), and have practiced my profession continuously since graduation.

2. I have been employed in the geoscience industry for over 4 years, and have explored for gold and base metals in Canada for junior mining companies.

3. I am not aware of any material fact or material change with respect to the subject matter of the technical report that is not reflected in the technical report, the omission to disclose which makes the technical report misleading.

4. I am an author of the report entitled; "2007 Gravity Survey on the Mt. Armour Property" dated July 31st, 2008. I worked on the program reported on herein. I have been involved with exploration on behalf of Bitterroot Resources Ltd. since March 2004.

Dated at Penticton, British Columbia, this 31st day of July, 2008

Respectfully submitted,

"Susan Teresa Flasha" - signed

Susan Teresa Flasha, B.Sc.