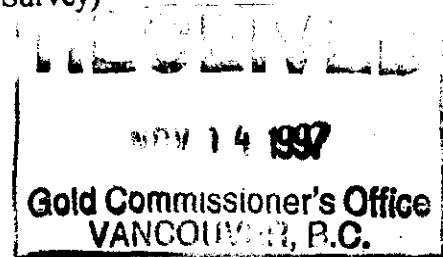


Assessment Report on Geophysical (Gravity Survey)

Ham Claims
St. Mary River Area



Fort Steele Mining Division
British Columbia

NTS Map 82 F/9
Latitude 49°40'
Longitude 116°05'

Owner:

Sedex Mining Corp
1000-675 W. Hastings Street
Vancouver, B.C., V6B 1N2

Operator:

Sedex Mining Corp
Cranbrook Field Office
3380 Wilks Road
P.O. Box 215, Main Station
Cranbrook, B.C., V1C 4H7

November 10, 1997

WP7 File: ham97.wpd

REGIONAL SURVEY BRANCH
Cranbrook Field Office

25,217

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1.00 INTRODUCTION

1.10 Location and Access

The Ham mineral claims are located approximately 4 km west of Kimberley, B.C. See the index map (figure 1) for the location of the claim block. The claims are located along Matthew Creek, a tributary of the St. Mary River, in the Fort Steele Mining Division on reference map NTS 82F/09 and centered near 49°40'N latitude, 116°05'W longitude.

The property is accessed from highway 95A south of Kimberley, up the St. Mary River paved road to the unimproved Bootleg Road. Most of the property is crossed by logging roads.

1.20 History

During 1994 a soil sampling program totaling 223 samples generated several lead and zinc anomalies. In 1996 Sedex Mining collected an additional 94 soil samples and drilled a 305.41 metre exploration hole on the best anomaly. Chris McFarlane, a Masters student from the University of Calgary has completed a field mapping program on the high-grade metamorphic rocks around Matthew Creek.

1.30 Physiography

The property is situated west of the Rocky Mountain Trench within the Purcell Mountains. Topography is moderate to steep with glacially rounded ridges. Within the property elevations range from 1000 to 2000 metres.

Vegetation cover varies from immature to mature forests of larch, pine, spruce and fir. Considerable clear-cut logging has occurred on the claim group in the recent past and the logged areas are in various stages of regeneration.

1.40 Property

The Ham claim block consisting of 98 claim units and 6 claims (Figure 2, in Appendix) is a contiguous block of claims owned by Sedex Mining Corp, 1000-675 W. Hastings Street, Vancouver, B.C. Table 1 (in Appendix) is a listing of the individual claims, their tenure numbers and current expiry dates.

1.50 Scope of Present Program

The 1997 program consisted of collecting 105 gravity stations over the claim block to identify the presence of near-surface massive sulphide occurrences.

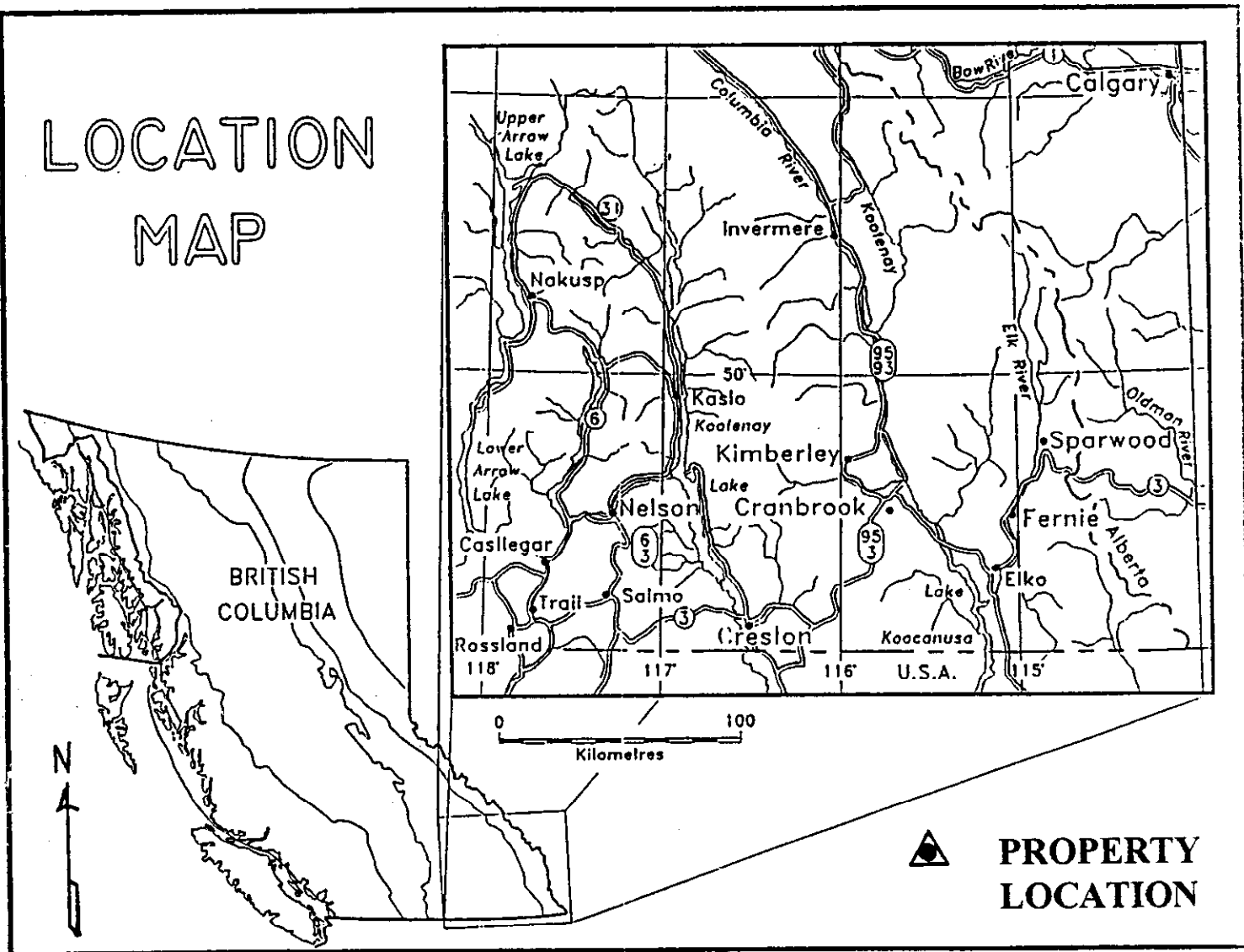


Figure 1.--Location Map.

2.00 GEOLOGY

2.10 Regional Geology

The area of the Ham claim block is underlain by Precambrian Purcell Supergroup rocks of the Aldridge Formation (figure 3). These are fine-grained clastics that include impure quartzites, siltstones and argillites. The rocks have been metamorphosed to lower greenschist facies and have been intruded by a series of mafic sills and dykes.

2.20 Property Geology

On the Ham claim block, Precambrian-age lower Aldridge Formation rocks are generally flat-lying with local dips up to 20°. Outcrops comprise less than 15 percent of the area and are generally restricted to cliff faces and ridge crests. Considerable glacial material covers the slopes and valleys. Some outcrop exists in the stream beds.

3.00 GRAVITY SURVEY

3.10 Introduction

Sedex Mining Corporation contracted Quadra Surveys of Richmond, British Columbia to complete a gravity survey over the claims to detect massive sulphide mineralization. See Quadra Survey's summary report in Appendix (attached) which describes the survey procedure, instrumentation, data reduction and formulae, results & interpretation, and survey precision.

3.20 Survey Boundary

After discussions with Rick Conte, gold commissioner (EI<RCONTE@galaxy.gov.bc.ca), a gravity survey of approximately 1 km beyond the claim boundary was chosen to avoid the "edge-effects" of limiting the gravity data to the area of the claim block. The purpose of this method was to provide better control for detecting gravity anomalies on the extremities of the claim block.

3.30 Example of "Edge-Effect"

Figure 4 is an example of the benefit of including gravity stations approximately 1 km beyond the limits of a claim block.

A theoretical claim block 3 km by 3 km extending from 1000 metres east to 4000 metres east and 1000 metres north to 4000 metres north is shown as the shaded area on figure 4. Gravity values are shown extending from 6 gravity units at 0 metres east, 5000 metres north to 10 gravity units at 4000 metres east, 1000 metres north.

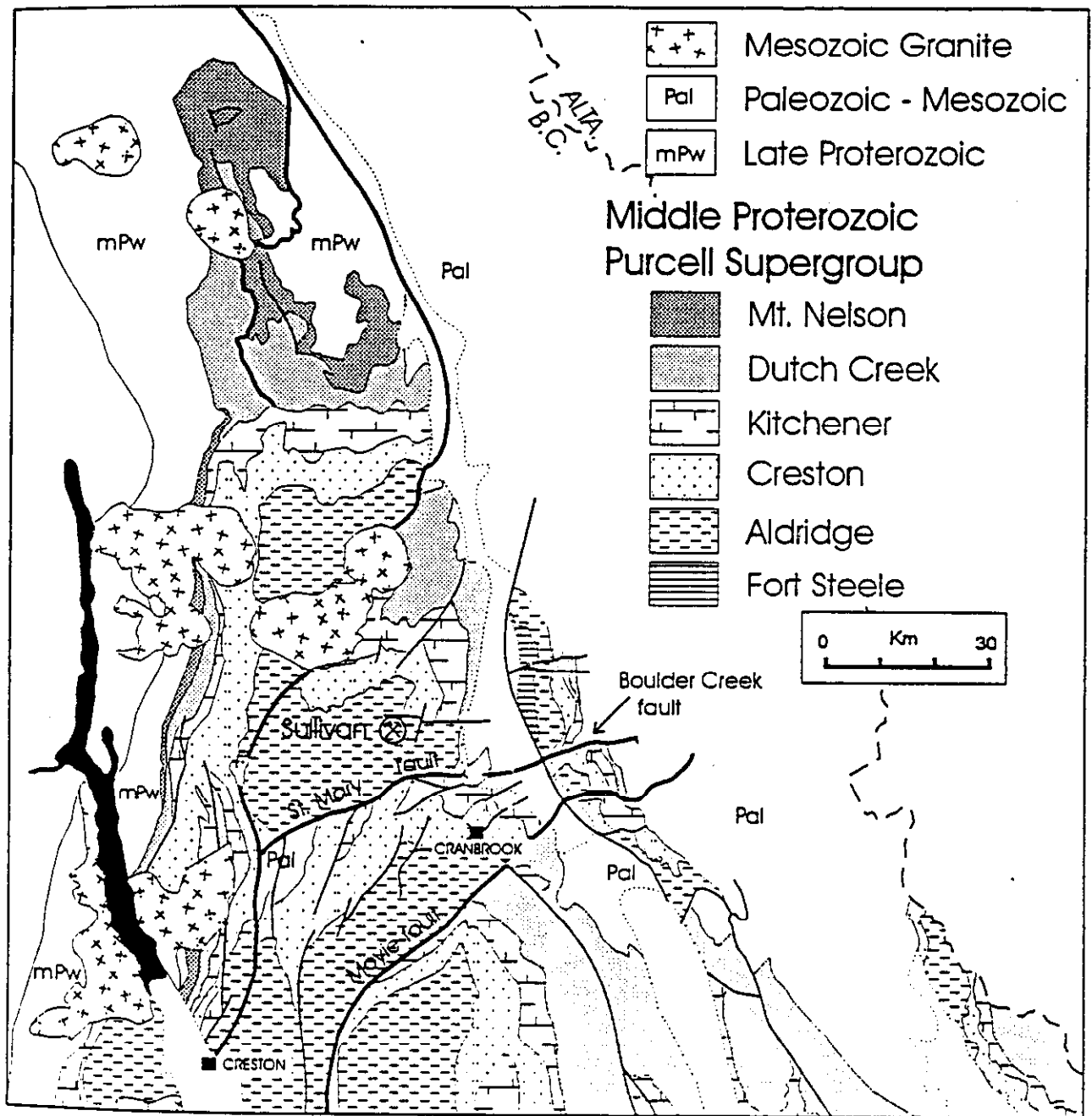


Figure 3.--Regional map of the Purcell Supergroup, Southeastern British Columbia.

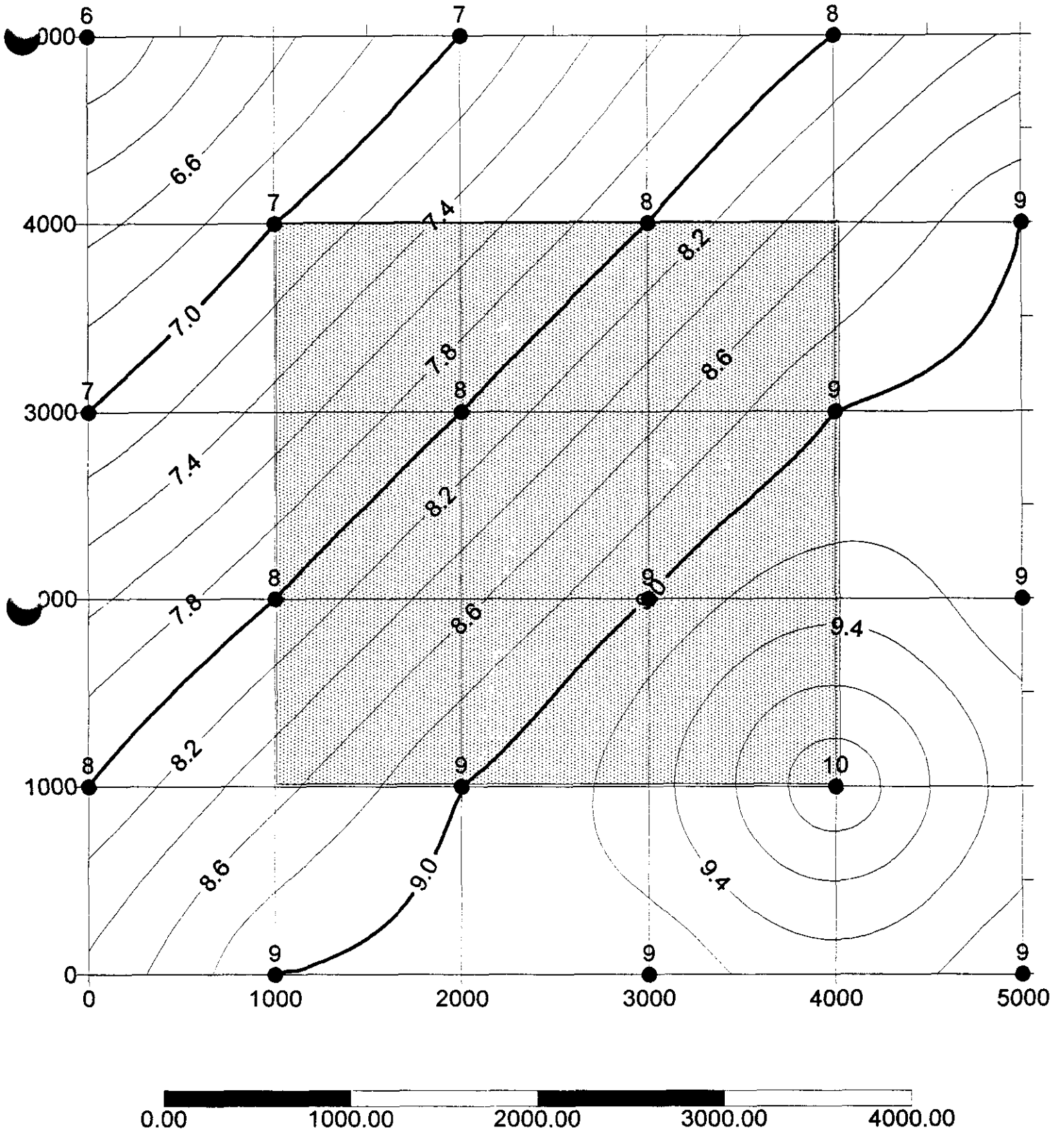


Figure 4.--Example of "Edge-Effect", claim block shaded area.

If only the gravity values on the claim block are considered, an interpretation that the area contains a gentle regional gradient ranging from 7 to 10 gravity units would be made. But, if gravity values approximately 1 km beyond the limits of the claim block are considered, the gravity value at 4000 metres east, 1000 metres north is detected as a significant anomaly.

Therefore, gravity stations approximately 1 km beyond the claim boundary are utilized in the interpretation in this report.

4.00 CONCLUSIONS AND RECOMMENDATIONS

Figure 5 is a contoured plot (Surfer for Windows, www.golden.com) of partial Bouguer gravity values collected by Quadra Surveys. The 1:10,000 scale map shows the location of the claim block and the location of the gravity stations. The -170 mgal contour line outlines an area along the St. Mary River and the southwestern part of the claim block of less dense material believed to be alluvial fill overlying lower Aldridge sediments. The -160 mgal contour line outlines an area east of Matthew Creek and along the northern part of the claim block of more dense material believed to be Moyie intrusives within the lower Aldridge sediments. Through the central part of the claim block a gentle gradient of 10 mgals strikes NW-SE and dips to the SW. This gradient is interpreted as a typical sequence of lower Aldridge sediments with Moyie intrusive. No closed contours indicative of buried massive sulphide material was detected anywhere on the claim block.

No further work is recommended on the claim block.

5.00 STATEMENT OF COSTS

Establish Base Stations, Data Acquisition and Inner Zone Terrain Corrections

(Quadra Surveys operator, report, instrument rentals, 4x4 field vehicle, expenses, computers, lodging plus helper and expenses)

105 stations x \$146/station..... \$15,330

Management and Report Writing

(R.D. Woodfill)

4 days x \$400/day..... \$1,600

AutoCad drafting, Surfer software plots, supplies..... \$435

Sub-Total \$17,365

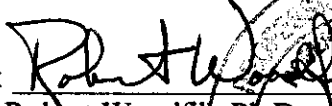
PAC Withdrawal \$4,650

Total \$22,015

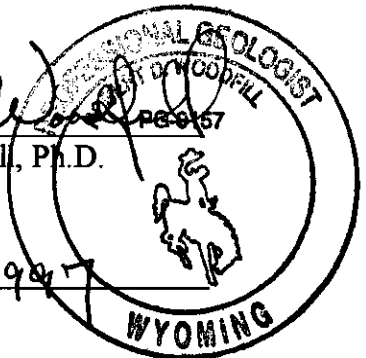
6.00 STATEMENT OF QUALIFICATIONS

I, Robert Woodfill, certify that:

1. I am a Ph.D. graduate of Purdue University in structural geology and an M.S. graduate of the University of Wyoming in geophysics. I am a registered Professional Geologist in the State of Wyoming.
2. I have based this report on work done by myself during 1997 on the claim block.
3. I do not expect to receive any share consideration as a result of writing this report.
4. I have practiced my profession continuously over the last 25 years as an exploration geologist/geophysicist working in the United States, Alaska, Canada, Mexico, Australia and Africa.

Signed: 
Robert Woodfill, Ph.D.

Date: Nov 10, 1997



Appendix

Table 1. Listing of Claims

<u>Claims Name</u>	<u>Tenure No.</u>	<u>No. Units</u>	<u>Current Expiry Date</u>
Ham 1	320400	6	17-Aug-98
Ham 2	320404	20	25-Aug-98
Ham 3	320401	20	23-Aug-98
Ham 4	320405	20	25-Aug-98
Ham 5	320402	20	25-Aug-98
Ham 6	320403	12	25-Aug-98

SUMMARY REPORT
on a
GRAVITY SURVEY

conducted on the
HAM PROJECT

Near Cranbrook, British Columbia

PROPERTY : W of Cranbrook, British Columbia
: UTM Zone 11 Easting: 561000 - 571000
: UTM Zone 11 Northing: 5494000 -5504000

SURVEY PERIOD : August 11 to August 14, 1997

WRITTEN FOR : Abitibi Mining Corporation
1000 - 675 West Hastings Street
Vancouver, British Columbia, V6C 1S4

WRITTEN BY : Tam Mitchell, ASCT
QUADRA SURVEYS
2-8640 Blundell Road
Richmond, British Columbia, V6R 1K1

DATED : September 3, 1997



SUMMARY

A regional gravity survey was conducted in the St Mary's Lake area. The property hosts a geological terrain known to be prospective for sedex type deposits. The purpose of the work was to define possible mineralized zones and geologic structures in the area.

The gravity survey was conducted with 4WD access on existing roads and walking traverse. Gravity measurements were carried out using a Scintrex gravity meter. The station locations were obtained with a real time Trimble double differential GPS survey system. Inclinator readings were taken at every station to a distance of 170 meters for terrain corrections.

The gravity data were corrected for the various influences to yield partial Bouguer gravity anomaly values listed herein.

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MAPS

Location Map

Figure 1	Scale 1:1,000,000	2
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Partial Bouguer Anomaly Plan Map

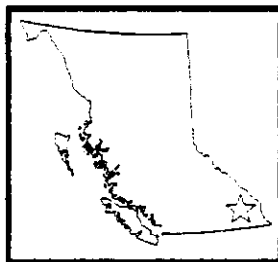
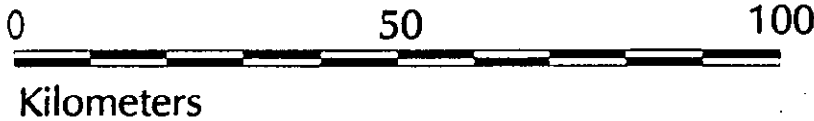
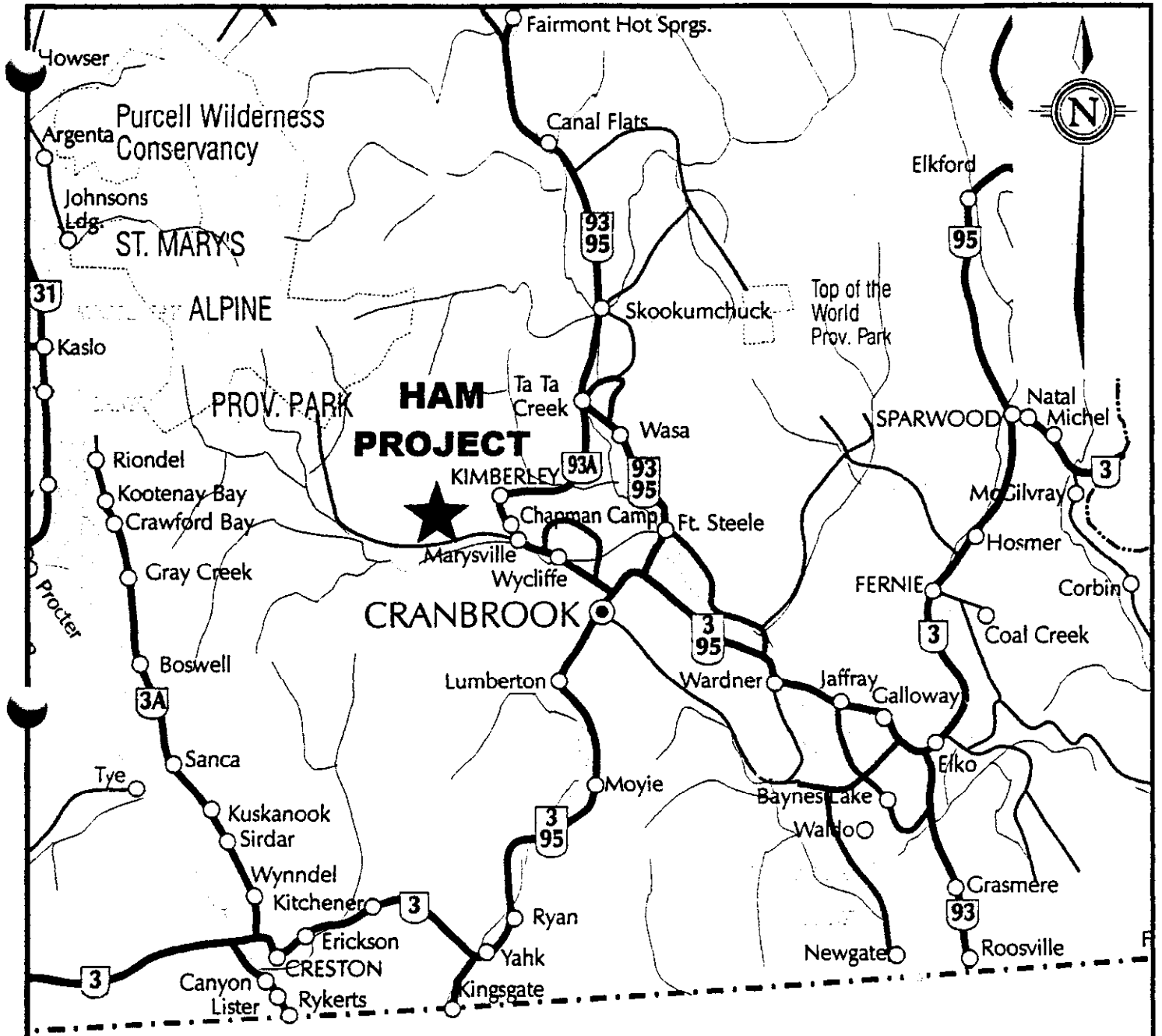
Figure 5	Scale 1:200,000	Appendix III
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INTRODUCTION

At the request of Abitibi Mining Corporation a gravity survey was conducted in the St. Mary's Lake area, West of Cranbrook BC. This report describes the instrumentation, theory, field procedure, data reduction and results of the 4 day survey which commenced August 11 and was completed August 14, 1997.

The survey was conducted by Tam Mitchell, AscT of Richmond, BC with the assistance of Zyoji Jackson of Cranbrook, BC. The crew was based at the Hastings Management field office at 3380 Wilks Road in Cranbrook. The exploration program was carried out under the field supervision of Dr. Robert Woodfill of Abitibi Mining Corporation.

The main purpose of the survey was to identify geologic structures in the area to locate possible zones of sedex type mineralization. Gravity surveying is a very effective tool in locating lead and zinc mineralization, particularly because of the high specific gravity of any sulphide mineralization especially that of lead.



ABITIBI MINING CORPORATION	
HAM PROJECT	
LOCATION MAP	
CRANBROOK M.D., B.C.	
N.T.S. 82 F/9, 82 F/16, 82 G/12	
DRAWN BY: TLM	DATE: AUGUST 1997
SCALE 1:1,000,000	FIGURE: 1

QUADRA SURVEYS

LOCATION and ACCESS

The property is located 30 kilometers to the West-Northwest of Cranbrook approximately defined by UTM Zone 11; Easting: 561000 to 571000 and Northing: 5494000 to 5504000.

See figure 1.

Access to the property was on the St Mary's Lake road located on the westerly side of the city of Marysville, near Kimberly.

SURVEY PROCEDURE

All gravity readings were tied to the National Gravity Net by a gravity base station established in a 1996 gravity survey. The base is located at the Cranbrook field office at 3380 Wilks Road and is marked by a steel spike and identified by a wooden stake with an aluminum tag reading: "Gravity Base -101". Geographic coordinates for the station were derived by GPS measurements as 49° 32' 48.07384" N and 115° 48' 44.86830" W (see figure 2). The station has a National Gravity Net value of 980688.13 ±0.02 mgal. Field ties were also made to the nearest field base used for the GPS base station.

All Survey locations were referenced to Canadian Geodetic Control Marker No. 543249 which is a brass tablet marked 897050 (see figure 3). The marker was in good condition and was established with spirit levels and GPS in 1990/91. The marker is located 7.7 km West on St. Mary's Lake Road from Marysville. The marker is 47 m East of a bridge over Mathew Creek and 16 m south of the centerline of the road. The station is further described as follows:

Nad 83 Northing	5497859.405 m	±0.072 m
Nad 83 Easting	568123.346 m	±0.072 m
CVD28 Elevation	957.988 m	Method: Spirit Level

Tam Mitchell, AScT, of Richmond BC, with the assistance of Zyoji Jackson of Cranbrook BC acquired the field data. A total of 105 stations were acquired during the 4 days of the survey.

The gravity survey was conducted with 4WD on existing logging roads and by walking on uncut lines.

Inclinometer readings were taken on each gravity station with a Suunto inclinometer to provide inner zone terrain corrections in accordance with the Hammer Chart method. Zone B inclinometer readings were taken at 0, 90, 180 and 270 at a distance of 9.3 meters from the station. Zones C and D were shot at 0, 60, 120, 180, 240, and 300 degrees at distances of 35 and 112 meters respectively. Distances and angles were estimated.

INSTRUMENTATION

GRAVITY

The gravity readings were taken with a Scintrex CG-3 gravity meter (serial no. 10345) manufactured in Concord Ontario. The instrument has a world wide calibration range of over 7,000 mgal and a reading resolution of 0.005 mgal. This instrument features a sensor based on a fused quartz elastic system. The proof mass is balanced by a spring and a relatively small electrostatic restoring force. The position of the mass, which is sensed by a capacitive displacement transducer, is altered by a change in gravity. The inherent strength and elastic properties of the fused quartz together with stop limits around the proof mass permit the instrument to be operated without clamping. Instrument drift is considerably reduced by precise thermostatic control of the unit and software correction for residual effects. The instrument's tilt sensors are analog as well as electronic with a resolution of 1 arc second. Real time corrections for tilt errors can be automatically made for a range of ± 200 arc seconds. The entire gravity sensing mechanism is enclosed in a vacuum chamber to provide isolation from variations in atmospheric pressure. This extremely stable operating environment allows the long term drift of the sensor to be accurately predicted, and real time software correction reduces it to less than 0.02 mGals/day in theory. The unit can also automatically compensate for earth tides. The ETC is generated using the Longman formula (gravimetric factor 1.16).

SURVEYING

Station locations were surveyed using the Trimble Site Surveyor 4400 system with a Pacific Crest radio link. The system used was capable of post-processing rapid static measurements with an accuracy of ± 5 mm +1ppm horizontal and ± 1 cm + 1ppm vertical or real time data acquisition with an accuracy rating of ± 1 cm +2ppm horizontal and ± 2 cm + 2ppm vertical.

The Site Surveyor 4400 is based on Trimble's fourth generation real-time survey technology. Incorporating the latest Trimble real-time GPS engine code and solution algorithms, the system provides very fast on-the-fly (OTF) initializations with the industry's most reliable position results. With this technology, average initialization times are cut in half. With advanced satellite signal acquisition and tracking, the ability to survey near trees is enhanced and downtime due to loss of signal minimized.

DATA REDUCTION and FORMULAE

The gravity data was processed by computer in the following manner:

g_o **Observed Gravity-** field observations corrected for earth tides and long term instrument drift were downloaded from electronic storage in the gravity meter and corrections made for instrument height and residual instrument drift. These values were then tied to the National Gravity Net.

g_{fa} **Free Air Effect-** Correction for relative distances of observation points from the centre of mass(earth). This calculation moves all stations to a common elevation datum and corrects for relative distances in distance from the source mass. The elevation datum used was CGVD 28 mean sea level. The formulae used was:

$$g_{fa} = -0.3086 \text{ mgal/m}$$

g_{bs} **Bouger Slab Effect -** Correction for the relative differences in amounts of surface rock below gravity stations. This calculation requires that a mean density or rock type between the lowest and highest grid elevations be established. All stations are shifted to a common datum as in the free air effect except that the vertical change is through an assumed slab of the derived density. The elevation datum used was CGVD 28 mean sea level.

$$g_{bs} = 2 * \text{PI} * .00667 * \sigma \text{ mgal/m}$$

Where σ = slab density (gm/cc)

g_l **Theoretical Gravity -** Yields correction for change of observed gravity with change in latitude which is due primarily to the rotation of the earth and the difference in earth's radius between the poles and the equator.

$$g_l = g_e(1 + \alpha \sin^2 \theta + \beta \sin^2 2\theta)$$

Where g_e = equatorial gravity = 978,031.85 mgal.

$$\alpha = 0.005278895$$

$$\beta = -0.000023462$$

θ = Latitude

gt Terrain Correction- corrections for variations caused by local terrain. The vertical component of the gravitational effect exerted by nearby hills, or not exerted by nearby valleys or gullies, will effect the net reading obtained on any one station. The overall effect on a given line profile or area will be a function of the station spacing relative to the frequency of terrain undulations. Areas were segmented using circular sectors in zones developed by Hammer (1939). Corrections were made for zones B, C, and D (covering an area from 2 to 170 meters from the station).

g_t was calculated from the following expression:

$$g_t = \Sigma \Phi \tau \sigma [r_o - r_i + (r_i^2 + z^2)^{1/2} - (r_o^2 + z^2)^{1/2}]$$

Where Φ = Sector angle (B = 90°, C & D = 60 °)

τ = gravitational constant = 0.00667

σ = average density (gm/cc)

r_o = outer sector radius (B=16.6, C=53.3, D=170)

r_i = inner sector radius (B=2, C=16.6, D=53.3)

z = elevation difference between sector and station.

g_{faa} Free Air Anomaly: is derived from the following formulae:

$$g_{faa} = g_o - (g_i - 0.3086 * E) = \text{Free Air Anomaly}$$

Where g_o = observed gravity

g_i = theoretical gravity

E = CGVD 28 elevation

g_{ba} Bouguer Anomaly: was derived from the following formulae:

$$g_{ba} = g_b + g_{faa} + g_t = \text{Bouguer Gravity}$$

Where g_b = Bouguer gravity

g_{faa} = free air anomaly

g_t = terrain corrections

RESULTS & INTERPRETATION

The data was reduced to partial Bouguer gravity anomaly values. Terrain corrections have been applied to 170 meters. A density of 2.67 gm/cc was used throughout the survey. The partial Bouguer Gravity anomaly values spanned a range of 16.81 milligals from a low of -173.34 mgal to a high of -156.53 mgal. The partial Bouguer value was -164.83 ± 4.24 mgal. The survey identified several major and minor geologic trends and areas of interest.

SURVEY PRECISION

GRAVITY

Daily gravity loop ties were made to the base station -101 at the Cranbrook field office as follows:

Date	Loop Tie in mgal	Notes
11-Aug-97	0.05	
12-Aug-97	0.05	
13-Aug-97	0.01	
14-Aug-97	0.11	

Repeat gravity readings were conducted on 7% of the stations as follows:

Station	Repeat Accuracy - mgal
4128	0
4215	0
4303	0.01
4021	0.03
4313	0.03
4130	0.04
4022	0.07

LOCATION

The area has significant geoid undulation, in areas exceeding 3 cm per kilometer. The best geoid correction model available is based on a 10 km square grid, therefore the geoid correction applied in this area is at best approximate. However, the area is quite small so the geoid correction errors are quite insignificant. The CGBM and one GPS control point were used throughout the survey.

REFERENCES

LaCoste & Romberg Instruction Manual, Model G and D Gravity Meter, June 1989

Seigel, H.O.; *A Guide to High Precision Land Gravimeter Surveys*, August 1995

Telford, W. M., Geldart, L. P., Sheriff, R. E., Keys, D. A.; *Applied Geophysics*, 1982

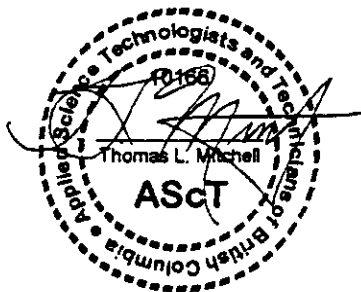
Longman, I. M.; *Journal of Geophysical Research, Volume 64, No. 12; Formulas for Computing the Tidal Accelerations Due to the Moon and Sun*, December 1959

Hammer, 1939; (Terrain Correction Model)

STATEMENT OF QUALIFICATIONS

I Thomas L. Mitchell, AScT, of the city of Richmond, Province of British Columbia, DO
HEREBY CERTIFY THAT:

1. I am the owner of Quadra Surveys with office at 2-8640 Blundell Road, Richmond,
British Columbia, V6R 1K1.
2. I am a graduate of BCIT, with a diploma in Surveying Technology (1977).
3. I am a geophysical surveyor, registered with the Association of Applied Science
Technologists and Technicians of British Columbia.
4. I have practiced my profession in Africa, Canada, Japan and USA for 19 years.
5. This report is based on a gravity survey which I conducted.
6. I have no direct or indirect interest in the property nor do I expect to receive any.



Dated at Cranbrook, British Columbia, this 3rd day of September, 1997.

COST BREAKDOWN

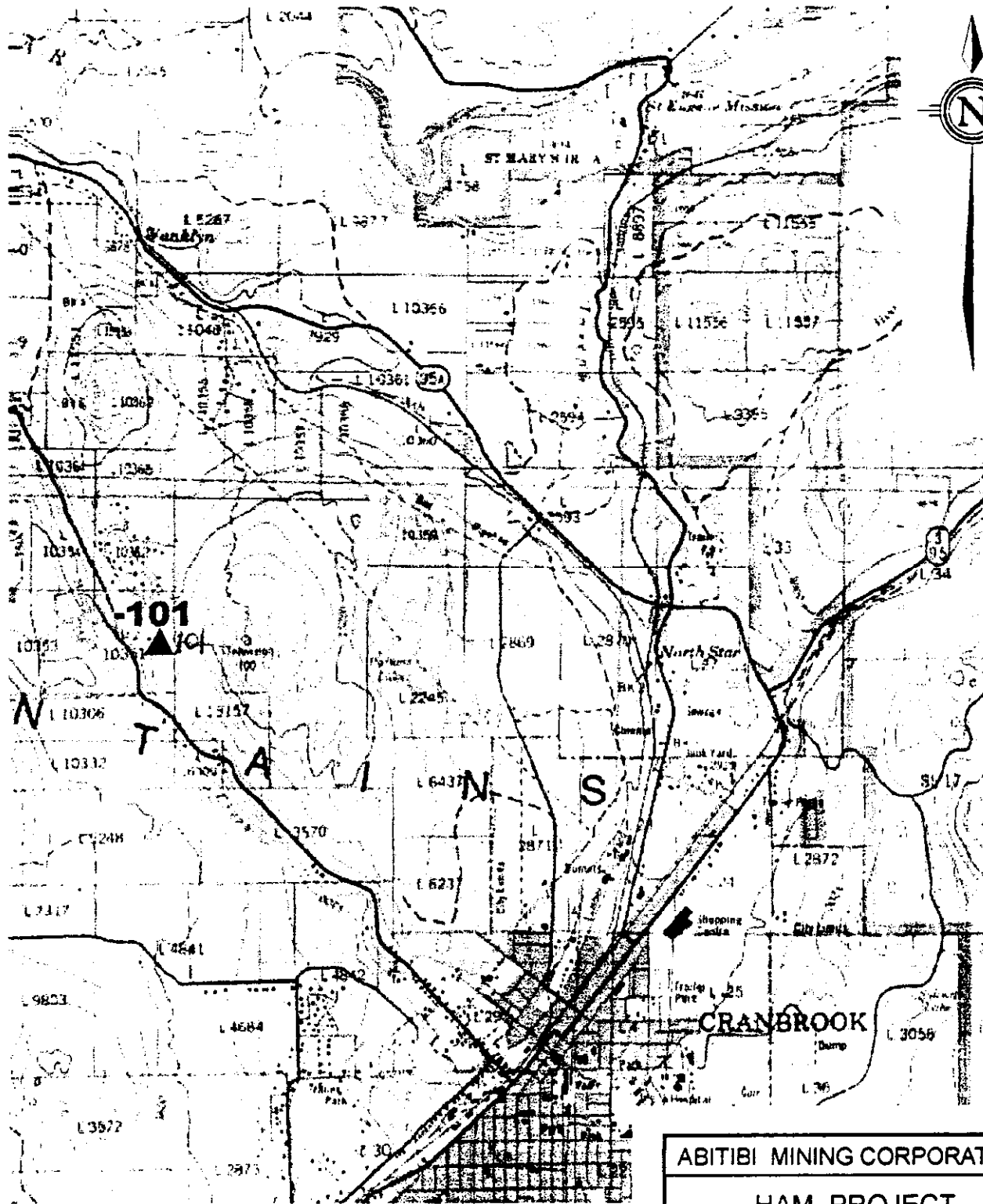
Item	Days Worked	Daily Rate	Sub Total	GST	Total
Gravity Meter	4	\$ 175.00	\$ 700.00	\$ 49.00	\$ 749.00
Vehicle	4	\$ 35.00	\$ 140.00	\$ 9.80	\$ 149.80
Computer	4	\$ 10.00	\$ 40.00	\$ 2.80	\$ 42.80
Operator	4	\$ 350.00	\$ 1,400.00	\$ 98.00	\$ 1,498.00
Helper	4	\$ 100.00	\$ 400.00		\$ 400.00
GPS	4	\$ 500.00	\$ 2,000.00	\$ 140.00	\$ 2,140.00
Operator expenses			\$ 330.65	\$ 23.15	\$ 353.80
Report			\$ 300.00	\$ 21.00	\$ 321.00
Total Cost					\$ 5,654.40



APPENDIX I

Gravity & GPS Base Stations





GRAVITY BASE -101
 National Gravity Net Value: 980688.13 ±0.02 mgal
 Northing: 49° 32' 48.07384"
 Easting: -115° 48' 44.86830"



QUADRA SURVEYS

ABITIBI MINING CORPORATION

**HAM PROJECT
 GRAVITY BASE
 -101**

CRANBROOK M.D., B.C.

N.T.S. 82 G/12

DRAWN BY: TLM

DATE: AUGUST 1997

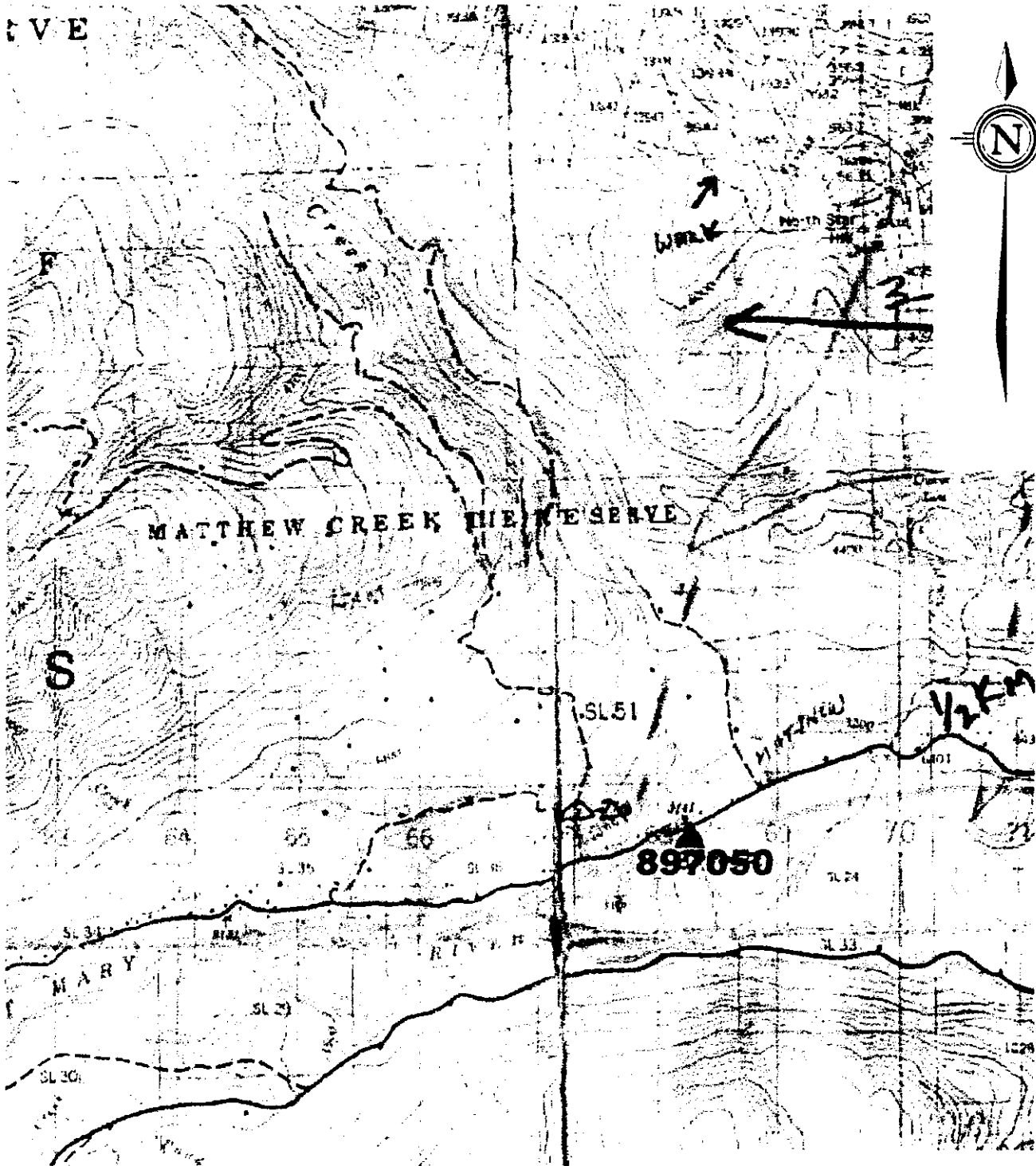
SCALE 1:50,000

FIGURE: 2

EVE

F

S



MATTHEW CREEK THE RESERVE

897050

MARY

RIVER

SL 51

MATTHEW

1/2 km

SL 30

SL 29

SL 24

SL 33

SL 20

GPS CONTROL CGM 543249

NAD 83 Northing: 5497859.405 ± 0.072m
NAD 83 Easting: 568123.346 ± 0.072m
CVD 28 Elevation: 957.998m



QUADRA SURVEYS

ABITIBI MINING CORPORATION

HAM PROJECT
**GPS CONTROL
CGM 543249**

CRANBROOK M.D. B.C.

N.T.S. 82 F/9

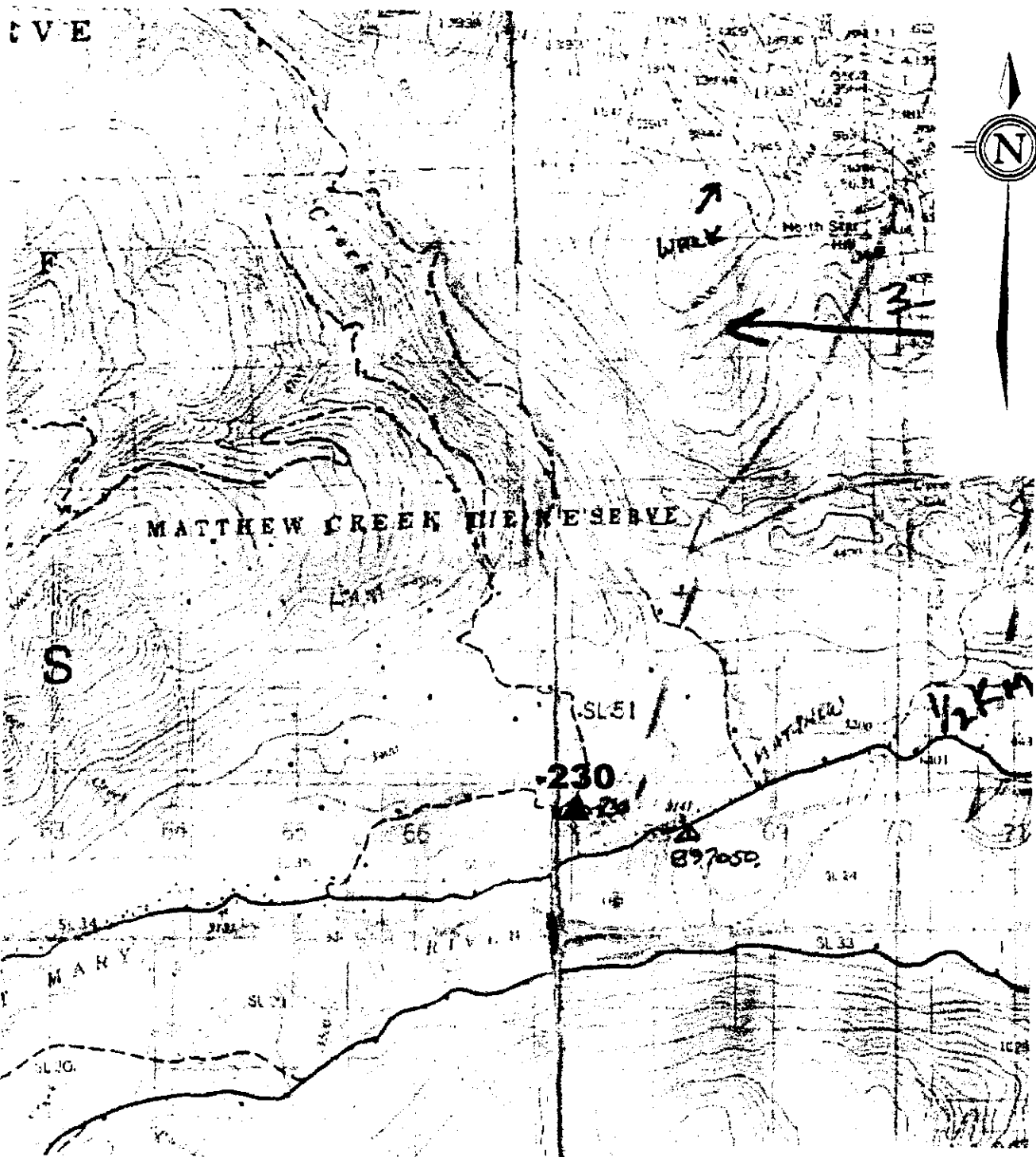
DRAWN BY: TLM

DATE: AUGUST 1997

SCALE 1:50,000

FIGURE 3

EVE



MATTHEW CREEK WATERSHED RESERVE

230

897050

125m

ABITIBI MINING CORPORATION

HAM PROJECT

**GPS CONTROL
STATION -230**

CRANBROOK M.D., B.C.

N.T.S. 82 F/9

DRAWN BY: TLM

DATE: AUGUST 1997

SCALE 1:50,000

FIGURE 4

GPS CONTROL STATION -230

NAD 83 Northing: 5497901.739m

NAD 83 Easting: 567214.565m

CVD 28 Elevation: 982.146m



QUADRA SURVEYS

APPENDIX II

Partial Bouguer Anomaly Gravity Data Listing

Real Time GPS Station Locations and Elevation Calculations

Observed Gravity Values -- Electronic Notes from Gravity Meter

Observed Gravity Data Reduction and Calculations

Inner Zone Terrain Corrections

Field Notes



ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Partial Bouguer Anomaly Gravity Data Listing

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Density 2.67

Stn	NAD 83 Northing	NAD 83 Easting	NAD 83 Latitude	NAD 83 Longitude	CGVD28 Elev	Observed G	Theoretical Gravity	Terrain to 170m	Free Air Anomaly	Bouguer Anomaly
897050	5497859.405	568123.346	49.63	-116.06	957.998	980680.54	981036.39	0.00	-60.22	-167.41
-230	5497901.739	567214.565	49.63	-116.07	982.146	980675.38	981036.43	0.00	-57.96	-167.86
4001	5498302.368	567316.935	49.63	-116.07	996.327	980675.83	981036.76	0.00	-53.46	-164.95
4002	5498672.268	567237.652	49.64	-116.07	1008.552	980674.44	981037.05	0.00	-51.38	-164.23
4003	5498893.727	566968.221	49.64	-116.07	1041.709	980667.99	981037.23	0.46	-47.78	-163.88
4004	5499088.37	566528.588	49.64	-116.08	1073.818	980661.51	981037.40	0.06	-44.50	-164.60
4005	5499350.885	566252.245	49.64	-116.08	1119.651	980652.29	981037.61	0.15	-39.80	-164.93
4006	5499772.293	566539.223	49.65	-116.08	1155.181	980646.67	981037.95	0.08	-34.78	-163.97
4007	5500333.024	566738.144	49.65	-116.08	1198.330	980639.35	981038.39	0.26	-29.24	-163.07
4008	5500719.144	566608.593	49.66	-116.08	1239.089	980632.03	981038.71	0.69	-24.29	-162.25
4009	5501158.06	566503.465	49.66	-116.08	1279.128	980625.10	981039.06	0.79	-19.22	-161.56
4010	5501435.516	566286.026	49.66	-116.08	1322.491	980617.15	981039.28	1.16	-14.02	-160.84
4011	5501872.136	565935.81	49.67	-116.09	1366.429	980609.82	981039.64	0.59	-8.14	-160.45
4012	5501676.95	564980.66	49.66	-116.10	1458.993	980590.38	981039.49	0.51	1.13	-161.62
4013	5501483.117	565625.17	49.66	-116.09	1529.300	980578.65	981039.33	0.48	11.26	-159.38
4014	5501341.576	565018.175	49.66	-116.10	1584.204	980567.95	981039.22	0.24	17.61	-159.42
4015	5501425.449	564465.201	49.66	-116.11	1642.137	980555.80	981039.29	1.56	23.27	-158.92
4016	5501411.006	563934.227	49.66	-116.11	1714.391	980541.95	981039.29	1.34	31.72	-158.77
4017	5501189.005	563658.264	49.66	-116.12	1755.984	980534.51	981039.11	0.56	37.29	-158.64
4018	5501046.124	563400.979	49.66	-116.12	1781.384	980529.13	981039.00	0.36	39.86	-159.11
4019	5501477.776	563461.14	49.66	-116.12	1852.168	980514.68	981039.35	2.05	46.91	-158.30
4020	5501785.119	563509.852	49.67	-116.12	1884.652	980510.76	981039.59	0.32	52.77	-157.80
4021	5501820.464	563061.028	49.67	-116.13	1944.027	980499.92	981039.62	0.29	60.22	-157.02
4022	5501647.249	562796.211	49.66	-116.13	1987.713	980491.70	981039.49	0.23	65.62	-156.56
4023	5501639.13	562470.718	49.66	-116.13	2039.623	980481.79	981039.48	0.21	71.74	-156.28
4024	5500759.093	562922.244	49.66	-116.13	1865.843	980511.73	981038.77	0.32	48.76	-159.70

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Partial Bouguer Anomaly Gravity Data Listing

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Density 2.67

Stn	NAD 83 Northing	NAD 83 Easting	NAD 83 Latitude	NAD 83 Longitude	CGVD28 Elev	Observed G	Theoretical Gravity	Terrain to 170m	Free Air Anomaly	Bouguer Anomaly
4101	5503696.237	565550.284	49.68	-116.09	1311.271	980621.91	981041.11	1.33	-14.54	-159.94
4102	5502818.908	566280.999	49.67	-116.08	1321.745	980620.66	981040.40	1.43	-11.85	-158.31
4103	5502271.094	566482.423	49.67	-116.08	1295.691	980625.19	981039.95	0.66	-14.92	-159.25
4104	5501847.92	566976.424	49.67	-116.07	1263.207	980631.48	981039.61	0.38	-18.30	-159.28
4105	5501300.779	567218.687	49.66	-116.07	1211.470	980639.19	981039.17	0.64	-26.12	-161.04
4106	5500584.477	567174.551	49.65	-116.07	1156.840	980648.87	981038.59	0.37	-32.72	-161.79
4107	5500011.611	567479.654	49.65	-116.07	1130.030	980654.06	981038.13	0.81	-35.34	-160.97
4108	5499589.702	567876.459	49.65	-116.06	1098.233	980661.24	981037.78	0.17	-37.63	-160.35
4109	5499127.921	568447.636	49.64	-116.05	1026.496	980674.21	981037.41	0.10	-46.42	-161.18
4110	5498546.194	568513.839	49.64	-116.05	979.305	980681.22	981036.94	0.04	-53.50	-163.04
4111	5498075.59	568747.852	49.63	-116.05	966.719	980681.08	981036.56	0.00	-57.14	-165.32
4112	5498292.345	569282.071	49.63	-116.04	959.546	980684.91	981036.73	0.00	-55.70	-163.07
4113	5498438.278	569786.374	49.63	-116.03	949.200	980688.99	981036.84	0.18	-54.92	-160.95
4114	5498381.183	570651.235	49.63	-116.02	940.251	980692.51	981036.78	0.11	-54.11	-159.21
4115	5498394.108	570075.306	49.63	-116.03	939.527	980691.11	981036.80	0.10	-55.76	-160.78
4116	5497338.163	566901.075	49.62	-116.07	948.118	980677.60	981035.98	0.09	-65.80	-171.80
4117	5497219.916	566371.531	49.62	-116.08	944.859	980679.83	981035.89	0.00	-64.48	-170.21
4118	5497210.897	565800.353	49.62	-116.09	946.620	980678.64	981035.89	0.00	-65.13	-171.05
4119	5497341.056	565207.723	49.63	-116.10	948.448	980676.26	981036.00	0.01	-67.06	-173.18
4120	5497149.603	564659.53	49.62	-116.10	951.058	980675.98	981035.85	0.00	-66.38	-172.80
4121	5497094.291	563971.521	49.62	-116.11	956.876	980675.19	981035.82	0.04	-65.33	-172.36
4122	5496951.471	563328.614	49.62	-116.12	960.115	980675.43	981035.71	0.05	-63.99	-171.37
4123	5496543.974	562412.68	49.62	-116.14	966.441	980674.86	981035.39	0.02	-62.28	-170.41
4124	5496378.474	561920.701	49.62	-116.14	970.495	980672.17	981035.26	0.00	-63.60	-172.19
4125	5494614.681	562448.095	49.60	-116.14	1026.202	980668.65	981033.84	0.24	-48.50	-163.09
4126	5494986.818	562851.264	49.60	-116.13	1016.363	980670.75	981034.13	0.22	-49.73	-163.24

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Partial Bouguer Anomaly Gravity Data Listing

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Density 2.67

Stn	NAD 83 Northing	NAD 83 Easting	NAD 83 Latitude	NAD 83 Longitude	CGVD28 Elev	Observed G	Theoretical Gravity	Terrain to 170m	Free Air Anomaly	Bouguer Anomaly
4127	5495301.819	563300.799	49.61	-116.12	1015.510	980670.28	981034.38	0.36	-50.71	-163.98
4128	5495469.719	563823.573	49.61	-116.12	1016.032	980670.47	981034.51	0.30	-50.49	-163.88
4129	5495492.762	564423.106	49.61	-116.11	1035.480	980666.67	981034.52	0.14	-48.31	-164.04
4130	5495608.95	564958.858	49.61	-116.10	1049.693	980664.10	981034.61	0.13	-46.58	-163.90
4131	5495970.344	565548.332	49.61	-116.09	1021.884	980666.90	981034.90	0.15	-52.65	-166.84
4132	5496352.913	566171.436	49.62	-116.08	985.998	980672.08	981035.20	0.33	-58.84	-168.84
4133	5496438.89	566812.913	49.62	-116.08	959.863	980674.94	981035.26	0.70	-64.11	-170.82
4134	5496575.93	567364.657	49.62	-116.07	955.836	980675.47	981035.37	0.55	-64.92	-171.33
4135	5496688.211	567899.904	49.62	-116.06	952.338	980676.38	981035.45	0.56	-65.18	-171.19
4136	5496731.453	568495.3	49.62	-116.05	957.333	980675.27	981035.48	0.72	-64.77	-171.18
4137	5497349.369	564724.364	49.63	-116.10	951.744	980676.60	981036.01	0.07	-65.71	-172.13
4138	5497921.637	565113.493	49.63	-116.10	980.871	980672.25	981036.47	0.01	-61.53	-171.27
4139	5498291.409	564842.532	49.63	-116.10	1025.597	980665.32	981036.77	0.01	-54.96	-169.71
4140	5498639.754	564835.177	49.64	-116.10	1057.126	980658.23	981037.05	0.10	-52.59	-170.77
4141	5498535.218	565300.793	49.64	-116.10	1034.343	980664.66	981036.96	0.06	-53.10	-168.79
4201	5500840.32	565492.466	49.66	-116.09	1587.579	980565.18	981038.81	0.15	16.30	-161.19
4203	5500390.777	564629.18	49.65	-116.10	1694.226	980553.41	981038.46	0.13	37.79	-151.66
4203	5500390.81	564629.161	49.65	-116.10	1694.204	980541.79	981038.46	0.28	26.16	-163.13
4204	5500615.549	564588.529	49.65	-116.11	1719.806	980538.31	981038.64	0.43	30.40	-161.62
4205	5500783.377	564541.757	49.66	-116.11	1736.431	980536.21	981038.78	0.38	33.30	-160.62
4206	5500307.35	565095.338	49.65	-116.10	1605.340	980558.85	981038.39	0.58	15.87	-163.19
4207	5500147.472	564824.65	49.65	-116.10	1610.616	980556.10	981038.26	0.30	14.87	-165.05
4208	5499886.313	564455.225	49.65	-116.11	1623.674	980551.84	981038.06	0.52	14.84	-166.32
4209	5499661.956	563978.932	49.65	-116.11	1650.104	980545.49	981037.88	1.02	16.83	-166.79
4210	5502792.81	565372.207	49.67	-116.09	1376.669	980608.18	981040.38	0.71	-7.36	-160.70
4211	5502531.82	565663.509	49.67	-116.09	1316.688	980619.36	981040.17	0.50	-14.48	-161.32

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Partial Bouguer Anomaly Gravity Data Listing

Instrumentation; Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Density 2.67

Stn	NAD 83 Northing	NAD 83 Easting	NAD 83 Latitude	NAD 83 Longitude	CGVD28 Elev	Observed G	Theoretical Gravity	Terrain to 170m	Free Air Anomaly	Bouguer Anomaly
4212	5502553.504	565741.74	49.67	-116.09	1304.578	980621.91	981040.19	0.20	-15.69	-161.47
4213	5502152.571	565852.532	49.67	-116.09	1250.884	980630.12	981039.87	0.78	-23.72	-162.91
4214	5499594.845	565959.633	49.65	-116.09	1183.149	980638.79	981037.81	0.71	-33.89	-165.57
4215	5500060.056	566296.746	49.65	-116.08	1249.672	980628.14	981038.18	0.74	-24.39	-163.49
4216	5500849.77	566299.836	49.66	-116.08	1354.014	980610.57	981038.81	0.77	-10.39	-161.13
4217	5500413.286	566065.973	49.65	-116.08	1384.215	980603.02	981038.46	0.93	-8.28	-162.24
4218	5500095.249	565560.155	49.65	-116.09	1441.261	980589.81	981038.21	0.91	-3.63	-163.99
4219	5498746.335	566901.659	49.64	-116.07	1027.760	980670.49	981037.12	0.06	-49.46	-164.41
4220	5498674.388	567490.127	49.64	-116.07	1005.129	980675.23	981037.05	0.00	-51.64	-164.11
4301	5498885.397	565602.227	49.64	-116.09	1084.039	980656.47	981037.24	0.23	-46.23	-167.30
4302	5499119.537	565606.028	49.64	-116.09	1130.411	980647.35	981037.43	0.72	-41.23	-167.00
4303	5499306.295	565546.74	49.64	-116.09	1204.299	980633.67	981037.58	0.47	-32.27	-166.56
4304	5499639.846	565498.246	49.65	-116.09	1294.666	980615.59	981037.85	1.35	-22.72	-166.24
4305	5499679.238	565528.829	49.65	-116.09	1295.973	980615.69	981037.88	0.94	-22.25	-166.33
4306	5499692.697	565281.47	49.65	-116.10	1388.198	980596.69	981037.89	1.28	-12.81	-166.86
4307	5498762.844	565975.098	49.64	-116.09	1066.026	980661.32	981037.14	0.15	-46.84	-165.98
4308	5498628.091	566706.44	49.64	-116.08	1025.212	980670.43	981037.02	0.05	-50.21	-164.89
4309	5497449.215	565407.17	49.63	-116.09	947.775	980676.36	981036.09	0.03	-67.24	-173.26
4310	5497864.619	565703.843	49.63	-116.09	984.264	980671.57	981036.42	0.04	-61.11	-171.21
4311	5498043.513	566288.94	49.63	-116.08	1001.282	980671.19	981036.56	0.03	-56.37	-168.38
4312	5498111.376	566909.216	49.63	-116.07	995.946	980674.12	981036.61	0.04	-55.14	-166.54
4313	5498847.383	568104.761	49.64	-116.06	994.294	980678.74	981037.19	0.11	-51.60	-162.75
4314	5499047.609	567824.581	49.64	-116.06	1007.429	980675.85	981037.35	0.11	-50.61	-163.23
4315	5498628.977	569051.474	49.64	-116.04	982.070	980682.02	981037.00	0.02	-51.91	-161.78
4316	5499734.408	568085.574	49.65	-116.06	1094.248	980662.95	981037.90	0.05	-37.27	-159.66
4317	5500027.287	568228.944	49.65	-116.05	1121.461	980657.54	981038.13	0.21	-34.51	-159.78

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Partial Bouguer Anomaly Gravity Data Listing

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Density 2.67

Stn	NAD 83 Northing	NAD 83 Easting	NAD 83 Latitude	NAD 83 Longitude	CGVD28 Elev	Observed G	Theoretical Gravity	Terrain to 170m	Free Air Anomaly	Bouguer Anomaly
4318	5497431.338	568754.518	49.63	-116.05	953.725	980678.72	981036.04	0.02	-63.00	-169.69

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Real Time Station Locations and Elevation Calculations

Instrumentation; Trimble RTK 4400 SSI Surveyor

Surveyed by: Quadra Surveys, August 1997

Name	Northing	Easting	Latitude dd mm		Longitude West ss.sssss dd mm ss.sssss			Elev GSD95W	Corrected Elev	Network Adjustment	Adjusted Elev		
897050	5497859.405	568123.346	49	37	46.00545	116	3	24.01501	957.998	-13.89	957.998		
-230	5497901.739	567214.565	49	37	47.74272	116	4	9.28578	981.974	-13.86	981.944		
-230	5497901.739	567214.565	49	37	47.74272	116	4	9.28578	981.974	-13.86	981.944	0.202	982.146
4001	5498302.368	567316.935	49	38	0.67256	116	4	3.93567	996.125	-13.86	996.125	0.202	996.327
4002	5498672.268	567237.652	49	38	12.68038	116	4	7.65937	1008.35	-13.86	1008.350	0.202	1008.552
4003	5498893.727	566968.221	49	38	19.95826	116	4	20.95465	1041.527	-13.84	1041.507	0.202	1041.709
4004	5499088.37	566528.588	49	38	26.43509	116	4	42.75288	1073.646	-13.83	1073.616	0.202	1073.818
4005	5499350.885	566252.245	49	38	35.04382	116	4	56.37031	1119.489	-13.82	1119.449	0.202	1119.651
4006	5499772.293	566539.223	49	38	48.57385	116	4	41.80464	1155.019	-13.82	1154.979	0.202	1155.181
4007	5500333.024	566738.144	49	39	6.64917	116	4	31.54229	1198.168	-13.82	1198.128	0.202	1198.330
4008	5500719.144	566608.593	49	39	19.20187	116	4	37.76617	1238.937	-13.81	1238.887	0.202	1239.089
4009	5501158.06	566503.465	49	39	33.45412	116	4	42.7406	1278.986	-13.8	1278.926	0.202	1279.128
4010	5501435.516	566286.026	49	39	42.52329	116	4	53.41611	1322.359	-13.79	1322.289	0.202	1322.491
4011	5501872.136	565935.81	49	39	56.79766	116	5	10.61902	1366.327	-13.76	1366.227	0.202	1366.429
4012	5501676.95	564980.66	49	39	50.85144	116	5	58.37961	1458.921	-13.73	1458.791	0.202	1458.993
4013	5501483.117	565625.17	49	39	44.32459	116	5	26.34886	1529.198	-13.76	1529.098	0.202	1529.300
4014	5501341.576	565018.175	49	39	39.97867	116	5	56.70889	1584.122	-13.74	1584.002	0.202	1584.204
4015	5501425.449	564465.201	49	39	42.90788	116	6	24.23955	1642.075	-13.72	1641.935	0.202	1642.137
4016	5501411.006	563934.227	49	39	42.64372	116	6	50.73157	1714.339	-13.71	1714.189	0.202	1714.391
4017	5501189.005	563658.264	49	39	35.56117	116	7	4.62585	1755.942	-13.7	1755.782	0.202	1755.984
4018	5501046.124	563400.979	49	39	31.03269	116	7	17.5413	1781.342	-13.7	1781.182	0.202	1781.384
4019	5501477.776	563461.14	49	39	44.98538	116	7	14.28898	1852.136	-13.69	1851.966	0.202	1852.168
4020	5501785.119	563509.852	49	39	54.91765	116	7	11.67977	1884.62	-13.69	1884.450	0.202	1884.652
4021	5501820.464	563061.028	49	39	56.23157	116	7	34.04706	1944.015	-13.67	1943.825	0.202	1944.027
4022	5501647.249	562796.211	49	39	50.72292	116	7	47.35654	1987.701	-13.67	1987.511	0.202	1987.713
4023	5501639.13	562470.718	49	39	50.58174	116	8	3.59674	2039.621	-13.66	2039.421	0.202	2039.623

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Real Time Station Locations and Elevation Calculations

Instrumentation: Trimble RTK 4400 SSI Surveyor

Surveyed by: Quadra Surveys, August 1997

Name	Northing	Easting	Latitude dd mm		Longitude West ss.sssss dd mm ss.sssss			Elev	GSD95W	Corrected Elev	Network Adjustment	Adjusted Elev	
4024	5500759.093	562922.244	49	39	21.92003	116	7	41.58386	1865.811	-13.69	1865.641	0.202	1865.843
-230	5497901.739	567214.565	49	37	47.74271	116	4	9.28576	981.944	-13.86	981.944	0.202	982.146
4101	5503696.237	565550.284	49	40	56.00667	116	5	28.74924	1311.259	-13.67	1311.069	0.202	1311.271
4102	5502818.908	566280.999	49	40	27.31436	116	4	52.8234	1321.683	-13.72	1321.543	0.202	1321.745
4103	5502271.094	566482.423	49	40	9.49836	116	4	43.10953	1295.609	-13.74	1295.489	0.202	1295.691
4104	5501847.92	566976.424	49	39	55.60079	116	4	18.7273	1263.055	-13.81	1263.005	0.202	1263.207
4105	5501300.779	567218.687	49	39	37.7894	116	4	6.98137	1211.298	-13.83	1211.268	0.202	1211.470
4106	5500584.477	567174.551	49	39	14.61594	116	4	9.625	1156.658	-13.84	1156.638	0.202	1156.840
4107	5500011.611	567479.654	49	38	55.94612	116	3	54.76513	1129.838	-13.85	1129.828	0.202	1130.030
4108	5499589.702	567876.459	49	38	42.1261	116	3	35.24224	1098.021	-13.87	1098.031	0.202	1098.233
4109	5499127.921	568447.636	49	38	26.94315	116	3	7.05413	1026.254	-13.9	1026.294	0.202	1026.496
4110	5498546.194	568513.839	49	38	8.08202	116	3	4.11959	979.064	-13.9	979.104	0.202	979.306
4111	5498075.59	568747.852	49	37	52.74988	116	2	52.75115	966.467	-13.91	966.517	0.202	966.719
4112	5498292.345	569282.071	49	37	59.54774	116	2	25.98509	959.274	-13.93	959.344	0.202	959.546
4113	5498438.278	569786.374	49	38	4.06339	116	2	0.75364	948.908	-13.95	948.998	0.202	949.200
4114	5498381.183	570651.235	49	38	1.85275	116	1	17.67905	939.929	-13.98	940.049	0.202	940.251
4115	5498394.108	570075.306	49	38	2.51284	116	1	46.3793	939.225	-13.96	939.325	0.202	939.527
4116	5497338.163	566901.075	49	37	29.62145	116	4	25.25743	947.926	-13.85	947.916	0.202	948.118
4117	5497219.916	566371.531	49	37	26.00338	116	4	51.72142	944.687	-13.83	944.657	0.202	944.859
4118	5497210.897	565800.353	49	37	25.93638	116	5	20.19332	946.478	-13.8	946.418	0.202	946.620
4119	5497341.056	565207.723	49	37	30.3819	116	5	49.65111	948.326	-13.78	948.246	0.202	948.448
4120	5497149.603	564659.53	49	37	24.39544	116	6	17.08643	950.956	-13.76	950.856	0.202	951.058
4121	5497094.291	563971.521	49	37	22.86841	116	6	51.40793	956.794	-13.74	956.674	0.202	956.876
4122	5496951.471	563328.614	49	37	18.48822	116	7	23.53197	960.053	-13.72	959.913	0.202	960.115
4123	5496543.974	562412.68	49	37	5.63793	116	8	9.41236	966.399	-13.7	966.239	0.202	966.441

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Real Time Station Locations and Elevation Calculations

Instrumentation: Trimble RTK 4400 SSI Surveyor

Surveyed by: Quadra Surveys, August 1997

Name	Northing	Easting	Latitude		Longitude West			Elev	GSD95W	Corrected Elev	Network Adjustment	Adjusted Elev	
			dd	mm	ss.sssss	dd	mm	ss.sssss					
4124	5496378.474	561920.701	49	37	0.46178	116	8	34.0232	970.463	-13.69	970.293	0.202	970.495
4125	5494614.681	562448.095	49	36	3.15984	116	8	8.75215	1026.17	-13.69	1026.000	0.202	1026.202
4126	5494986.818	562851.264	49	36	15.0581	116	7	48.45379	1016.321	-13.7	1016.161	0.202	1016.363
4127	5495301.819	563300.799	49	36	25.08801	116	7	25.87584	1015.448	-13.72	1015.308	0.202	1015.510
4128	5495469.719	563823.573	49	36	30.32614	116	6	59.73227	1015.96	-13.73	1015.830	0.202	1016.032
4129	5495492.762	564423.106	49	36	30.84317	116	6	29.84833	1035.388	-13.75	1035.278	0.202	1035.480
4130	5495608.95	564958.858	49	36	34.39849	116	6	3.08645	1049.581	-13.77	1049.491	0.202	1049.693
4131	5495970.344	565548.332	49	36	45.87005	116	5	33.49952	1021.752	-13.79	1021.682	0.202	1021.884
4132	5496352.913	566171.436	49	36	58.01181	116	5	2.2201	985.846	-13.81	985.796	0.202	985.998
4133	5496438.89	566812.913	49	37	0.54128	116	4	30.20254	959.681	-13.84	959.661	0.202	959.863
4134	5496575.93	567364.657	49	37	4.75758	116	4	2.62406	955.634	-13.86	955.634	0.202	955.836
4135	5496688.211	567899.904	49	37	8.17707	116	3	35.88184	952.116	-13.88	952.136	0.202	952.338
4136	5496731.453	568495.3	49	37	9.33511	116	3	6.18451	957.091	-13.9	957.131	0.202	957.333
4137	5497349.369	564724.364	49	37	30.83822	116	6	13.73659	951.642	-13.76	951.542	0.202	951.744
4138	5497921.637	565113.493	49	37	49.21576	116	5	54.00053	980.759	-13.77	980.669	0.202	980.871
4139	5498291.409	564842.532	49	38	1.29275	116	6	7.2865	1025.495	-13.76	1025.395	0.202	1025.597
4140	5498639.754	564835.177	49	38	12.57382	116	6	7.44572	1057.024	-13.76	1056.924	0.202	1057.126
4141	5498535.218	565300.793	49	38	9.00864	116	5	44.29675	1034.221	-13.78	1034.141	0.202	1034.343
-230	5497901.739	567214.565	49	37	47.74271	116	4	9.28576	981.944	-13.86	981.944	0.202	982.146
4201	5500840.32	565492.466	49	39	23.56506	116	5	33.35481	1587.477	-13.76	1587.377	0.202	1587.579
4202	5500755.134	565013.713	49	39	20.99347	116	5	57.28193	1649.159	-13.75	1649.049	0.202	1649.251
4203	5500390.777	564629.18	49	39	9.34558	116	6	16.67544	1694.144	-13.74	1694.024	0.202	1694.226
4203	5500390.81	564629.161	49	39	9.34666	116	6	16.67634	1694.122	-13.74	1694.002	0.202	1694.204
4204	5500615.549	564588.529	49	39	16.63858	116	6	18.56919	1719.724	-13.74	1719.604	0.202	1719.806
4205	5500783.377	564541.757	49	39	22.09031	116	6	20.80209	1736.359	-13.73	1736.229	0.202	1736.431
4206	5500307.35	565095.338	49	39	6.46408	116	5	53.47913	1605.238	-13.76	1605.138	0.202	1605.340

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Real Time Station Locations and Elevation Calculations

Instrumentation: Trimble RTK 4400 SSI Surveyor

Surveyed by: Quadra Surveys, August 1997

Name	Northing	Easting	Latitude			Longitude West			Elev	GSD95W	Corrected Elev	Network Adjustment	Adjusted Elev
			dd	mm	ss.sssss	dd	mm	ss.sssss					
4207	5500147.472	564824.65	49	39	1.39271	116	6	7.07273	1610.524	-13.75	1610.414	0.202	1610.616
4208	5499886.313	564455.225	49	38	53.07973	116	6	25.64895	1623.592	-13.74	1623.472	0.202	1623.674
4209	5499661.956	563978.932	49	38	45.99826	116	6	49.53036	1650.032	-13.73	1649.902	0.202	1650.104
4210	5502792.81	565372.207	49	40	26.82664	116	5	38.17845	1376.647	-13.68	1376.467	0.202	1376.669
4211	5502531.82	565663.509	49	40	18.26278	116	5	23.8032	1316.646	-13.7	1316.486	0.202	1316.688
4212	5502553.504	565741.74	49	40	18.93415	116	5	19.88739	1304.536	-13.7	1304.376	0.202	1304.578
4213	5502152.571	565852.532	49	40	5.90986	116	5	14.60314	1250.832	-13.71	1250.682	0.202	1250.884
4214	5499594.845	565959.633	49	38	43.05777	116	5	10.81144	1183.017	-13.79	1182.947	0.202	1183.149
4215	5500060.056	566296.746	49	38	57.98666	116	4	53.71961	1249.52	-13.81	1249.470	0.202	1249.672
4216	5500849.77	566299.836	49	39	23.55352	116	4	53.08437	1353.872	-13.8	1353.812	0.202	1354.014
4217	5500413.286	566065.973	49	39	9.5141	116	5	5.01249	1384.083	-13.79	1384.013	0.202	1384.215
4218	5500095.249	565560.155	49	38	59.41582	116	5	30.42801	1441.149	-13.77	1441.059	0.202	1441.261
4219	5498746.335	566901.659	49	38	15.21279	116	4	24.36352	1027.578	-13.84	1027.558	0.202	1027.760
4220	5498674.388	567490.127	49	38	12.64759	116	3	55.0719	1004.927	-13.86	1004.927	0.202	1005.129
-230	5497901.739	567214.565	49	37	47.74271	116	4	9.28576	981.944	-13.86	981.944	0.202	982.146
4301	5498885.397	565602.227	49	38	20.22855	116	5	29.05919	1083.907	-13.79	1083.837	0.202	1084.039
4302	5499119.537	565606.028	49	38	27.80772	116	5	28.72865	1130.289	-13.78	1130.209	0.202	1130.411
4303	5499306.295	565546.74	49	38	33.8775	116	5	31.57204	1204.177	-13.78	1204.097	0.202	1204.299
4304	5499639.846	565498.246	49	38	44.69567	116	5	33.78916	1294.544	-13.78	1294.464	0.202	1294.666
4305	5499679.238	565528.829	49	38	45.95907	116	5	32.24053	1295.851	-13.78	1295.771	0.202	1295.973
4306	5499692.697	565281.47	49	38	46.49135	116	5	44.56605	1388.086	-13.77	1387.996	0.202	1388.198
4307	5498762.844	565975.098	49	38	16.11444	116	5	10.5445	1065.884	-13.8	1065.824	0.202	1066.026
4308	5498628.091	566706.44	49	38	11.46225	116	4	34.16799	1025.03	-13.84	1025.010	0.202	1025.212
4309	5497449.215	565407.17	49	37	33.80607	116	5	39.64585	947.643	-13.79	947.573	0.202	947.775
4310	5497864.619	565703.843	49	37	47.13949	116	5	24.60903	984.132	-13.79	984.062	0.202	984.264
4311	5498043.513	566288.94	49	37	52.70124	116	4	55.33657	1001.12	-13.82	1001.080	0.202	1001.282

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Real Time Station Locations and Elevation Calculations

Instrumentation: Trimble RTK 4400 SSI Surveyor

Surveyed by: Quadra Surveys, August 1997

Name	Northing	Easting	Latitude		Longitude West			Elev	GSD95W	Corrected Elev	Network Adjustment	Adjusted Elev	
			dd	mm	ss.sssss	dd	mm	ss.sssss					
4312	5498111.376	566909.216	49	37	54.65209	116	4	24.37688	995.754	-13.85	995.744	0.202	995.946
4313	5498847.383	568104.761	49	38	18.00001	116	3	24.32363	994.062	-13.89	994.092	0.202	994.294
4314	5499047.609	567824.581	49	38	24.59616	116	3	38.16656	1007.217	-13.87	1007.227	0.202	1007.429
4315	5498628.977	569051.474	49	38	10.54169	116	2	37.26627	981.808	-13.92	981.868	0.202	982.070
4316	5499734.408	568085.574	49	38	46.72632	116	3	24.72543	1094.026	-13.88	1094.046	0.202	1094.248
4317	5500027.287	568228.944	49	38	56.15031	116	3	17.39332	1121.239	-13.88	1121.259	0.202	1121.461
4318	5497431.338	568754.518	49	37	31.88871	116	2	52.8254	953.473	-13.91	953.523	0.202	953.725

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Values - Electronic Notes from Gravity Meter

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

SCINTREX V5.0 AUTOGRAV / Field Mode R4.4
 Ser No: 10345.
 Line: 810. Grid: 0. Job: 1. Date: 97/08/11 Operator: 777.
 GREF.: 0. mGals Tilt x sensit.: 271.4
 GCAL.1: 5861.733 Tilt y sensit.: 287.4
 GCAL.2: 0. Deg.Latitude: 49.5
 TEMPCO.: -0.1355 mGal/mK Deg.Longitude: 115.7
 Drift const.: 0.17 GMT Difference: 6.hr
 Drift Correction Start Time: 23:33:43 Cal.after x samples: 12

Date: 97/07/15 On-Line Tilt Corrected = ""

Station	Grav.	SD.	Tilt x	Tilt y	Temp.	E.T.C.	Dur	# Rej	Time
-101	4202.908 *		0	-7	-2	-0.8	0	60	5 8:46:08
-101	4203.042 *		0	11	64	-0.6	0	60	0 10:26:03
97050	4198.456 *		0.1	-3	1	-0.6	0	60	1 11:28:15
230	4193.292 *		0	3	-7	-0.5	0	60	0 11:57:24
4001	4193.765 *		0.1	-3	-1	-0.4	-0	60	0 13:00:42
4001	4193.748 *		0	-2	-11	-0.4	-0	60	4 13:02:40
4002	4192.36 *		0	-9	8	-0.4	-0	60	2 13:06:55
4003	4185.9 *		0	7	3	-0.5	-0	60	1 13:18:32
4004	4179.438 *		0	-12	0	-0.5	-0	60	0 13:32:36
4005	4170.205 *		0	-3	-6	-0.5	-0	60	0 13:38:09
4006	4164.601 *		0	-3	-7	-0.5	-0	60	1 13:55:36
4007	4157.27 *		0	-4	2	-0.5	-0	60	3 14:02:07
4008	4149.958 *		0	0	16	-0.5	-0	60	2 14:15:17
4009	4143.021 *		0	-10	-8	-0.4	-0	60	0 14:22:01
4010	4135.073 *		0	-8	11	-0.4	-0	60	0 14:37:08
4011	4127.748 *		0	10	2	-0.5	-0	60	0 14:50:14
4012	4108.32 *		0	6	10	-0.4	-0	60	3 15:27:18
4013	4096.569 *		0	4	29	-0.4	-0	60	0 15:35:15
4014	4085.882 *		0	-4	-3	-0.4	-0	60	0 15:46:06
4015	4073.755 *		0	-14	-4	-0.5	-0	60	6 16:00:00
4016	4059.911 *		0	-6	-12	-0.5	-0	60	3 16:07:34
4017	4052.46 *		0	18	2	-0.5	-0	60	6 16:15:07
4018	4047.079 *		0	-10	-1	-0.6	-0	60	10 16:27:03
4019	4032.621 *		0	3	32	-0.5	-0	60	1 16:40:16
4020	4028.699 *		0	7	0	-0.5	-0	60	4 16:51:55
4021	4017.89 *		0	-15	9	-0.5	-0	60	0 17:02:08
4022	4009.604 *		0	27	-12	-0.6	-0	60	0 17:10:01
4023	3999.744 *		0	-2	2	-0.6	-0	60	2 17:25:24
4022	4009.692 *		0	-9	10	-0.6	-0	60	0 17:38:49
4021	4017.866 *		0	-11	10	-0.6	-0	60	2 17:44:46
4024	4029.693 *		0	5	2	-0.6	-0	60	3 18:03:05
-230	4193.239 *		0	-1	3	-0.5	-0	60	0 18:44:17
-101	4203.097 *		0	-9	-6	-0.4	-0.1	60	2 19:24:06

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Values - Electronic Notes from Gravity Meter

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

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SCINTREX V5.0    AUTOGRAV / Field Mode    R4.4
                      Ser No: 10345.
Line: 810. Grid: 0. Job: 1. Date: 97/08/12 Operator: 777.
GREF.:          0. mGals    Tilt x sensit.: 271.4
GCAL.1:        5861.733    Tilt y sensit.: 287.4
GCAL.2:         0.          Deg.Latitude: 49.5
TEMPCO.:       -0.1355 mGal/mK    Deg.Longitude: 115.7
Drift const.:   0.17        GMT Difference: 6.hr
Drift Correction Start Time: 23:33:43    Cal.after x samples: 12
                      Date: 97/07/15    On-Line Tilt Corrected = ""

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Station	Grav.	SD.	Tilt x	Tilt y	Temp.	E.T.C.	Dur	# Rej	Time
-101	4203.092 *		0	6	7	-0.7	0	60	0 8:52:30
-101	4203.089 *		0	6	4	-0.7	0	60	0 8:53:54
-101	4203.098 *		0	3	21	-0.7	0	23	0 8:55:52
-230	4193.28 *		0	-13	-8	-0.7	0.1	60	0 9:44:55
4101	4161.926 *		39	-122	213	-0.5	0	5	0 10:41:15
4101	4139.874 *		0	-2	18	-0.6	0	60	2 10:42:02
4102	4139.166 *		0	-6	13	-0.6	0	60	1 10:52:49
4102	4138.621 *		0	-13	7	-0.5	0	60	0 11:08:24
4103	4143.152 *		0	0	3	-0.5	0	60	0 11:19:03
4104	4149.45 *		0	4	26	-0.6	0	60	5 11:30:52
4105	4157.153 *		0	2	26	-0.5	0	60	3 11:41:22
4106	4166.841 *		0	4	-2	-0.5	0	60	1 11:55:35
4107	4172.026 *		0	-2	20	-0.4	0	60	2 12:03:40
4108	4179.21 *		0	-2	23	-0.4	0	60	2 12:14:14
4109	4192.182 *		0	12	9	-0.3	0	60	4 12:20:16
4110	4199.193 *		0	-3	12	-0.3	0	60	0 12:25:51
4111	4199.054 *		0	5	0	-0.3	0	60	0 12:31:54
4112	4202.886 *		0	4	12	-0.4	0	60	0 12:38:02
4113	4206.965 *		0	16	-12	-0.4	0	60	3 12:45:03
4114	4210.482 *		0	15	20	-0.4	0	60	1 12:50:42
4115	4209.081 *		0	13	29	-0.4	0	60	6 12:55:42
-230	4193.442 *		0	9	4	-0.4	0	60	0 13:06:29
-229	4195.958 *		0	4	14	-0.4	0	1	0 13:14:11
4116	4195.586 *		0.1	2	5	-0.4	0	60	0 13:15:24
4117	4197.82 *		0	26	7	-0.4	-0	60	0 13:20:21
4118	4196.61 *		0	12	66	-0.4	-0	60	0 13:24:54
4119	4194.241 *		0	6	7	-0.4	-0	60	0 13:40:44
4120	4193.954 *		0.1	-1	9	-0.4	-0	60	0 13:54:28
4121	4193.168 *		0.1	8	23	-0.4	-0	60	0 13:59:32
4122	4193.315 *		0	127	69	-0.4	-0	1	0 14:01:42
4122	4193.406 *		0	15	15	-0.4	-0	60	0 14:09:20

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Values - Electronic Notes from Gravity Meter

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

4123	4192.85 *	0	8	8	-0.4	-0	60	1	14:16:15
4124	4190.17 *	0	12	7	-0.4	-0	60	0	14:20:56
4125	4186.632 *	0	4	13	-0.2	-0	60	6	14:50:58
4126	4188.739 *	0.1	4	-8	-0.3	-0	60	0	14:58:43
4127	4188.268 *	0	14	-9	-0.3	-0	60	0	15:03:34
4128	4188.461 *	0	12	-4	-0.3	-0	60	5	15:07:46
4129	4184.652 *	0	7	15	-0.3	-0	60	0	15:13:10
4130	4182.098 *	0	7	20	-0.4	-0	60	1	15:17:40
4131	4184.88 *	0	2	13	-0.4	-0	60	1	15:23:52
4132	4190.067 *	0	9	4	-0.4	-0	60	4	15:28:57
4133	4192.921 *	0	1	-4	-0.4	-0	60	1	15:34:10
4134	4193.461 *	0	0	-5	-0.4	-0	60	1	15:39:21
4135	4194.358 *	0	-17	6	-0.4	-0	60	0	15:44:12
4136	4193.267 *	0	5	15	-0.3	-0	60	6	15:53:23
4130	4182.063 *	0	-5	-3	-0.4	-0	60	0	16:04:48
4128	4188.467 *	0	4	9	-0.3	-0	60	0	16:09:25
4137	4194.605 *	0	3	2	-0.3	-0.1	60	1	16:29:48
4138	4190.234 *	0	5	3	-0.4	-0.1	60	0	16:37:50
4138	4190.229 *	0	6	6	-0.4	-0.1	60	10	16:39:28
4139	4183.303 *	0.1	4	14	-0.4	-0.1	60	0	16:45:21
4140	4176.24 *	0.8	16	2	-0.4	-0.1	60	3	17:06:02
4141	4182.66 *	0	4	-1	-0.4	-0.1	60	1	17:23:43
4142	4193.431 *	0	8	15	-0.5	-0.1	60	0	17:45:46
-101	4203.137 *	0	1	5	-0.4	-0.1	60	0	18:42:07
-101	4203.139 *	0	0	4	-0.4	-0.1	60	2	18:43:37

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Values - Electronic Notes from Gravity Meter

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

SCINTREX V5.0 AUTOGRAV / Field Mode R4.4
 Ser No: 10345.
 Line: 810. Grid: 0. Job: 1. Date: 97/08/13 Operator: 777.
 GREF.: 0. mGals Tilt x sensit.: 271.4
 GCAL.1: 5861.733 Tilt y sensit.: 287.4
 GCAL.2: 0. Deg.Latitude: 49.5
 TEMPCO.: -0.1355 mGal/mK Deg.Longitude: 115.7
 Drift const.: 0.17 GMT Difference: 6.hr
 Drift Correction Start Time: 23:33:43 Cal.after x samples: 12
 Date: 97/07/15 On-Line Tilt Corrected = ""

Station	Grav.	SD.	Tilt x	Tilt y	Temp.	E.T.C.	Dur	#	Rej.	Time
-101	4203.252 *		0	5	1	-0.7	0.1	60	1	8:34:28
-230	4193.494 *		0	10	1	-0.7	0.1	60	0	9:56:46
4201	4083.291 *		0	-2	8	-0.7	0.1	60	0	10:36:09
4202	4071.542 *		0	-10	7	-0.8	0.1	60	1	10:43:25
4203	4059.917 *		0	0	5	-0.7	0.1	60	6	10:59:07
4204	4056.427 *		0	10	11	-0.7	0.1	60	2	11:11:39
4205	4054.309 *		0	0	1	-0.8	0.1	60	2	11:21:26
4206	4076.965 *		0	-6	9	-0.7	0.1	60	6	11:42:04
4207	4074.212 *		0	8	8	-0.7	0.1	60	0	11:49:27
4208	4069.94 *		0	6	5	-0.8	0.1	60	1	11:57:55
4209	4063.592 *		0	-1	10	-0.7	0.1	60	2	12:10:45
4210	4126.288 *		0	-2	9	-0.6	0	60	0	13:15:41
4211	4137.476 *		0	0	9	-0.7	0	60	1	13:27:59
4212	4140.011 *		0	4	10	-0.7	0	60	5	13:38:40
4213	4148.233 *		0	0	-9	-0.7	0	60	7	13:59:12
4214	4156.915 *		0	14	14	-0.6	-0	60	0	14:32:30
4215	4146.257 *		0	3	2	-0.7	-0	60	2	14:43:42
4216	4128.789 *		0	-4	4	-0.7	-0	60	0	14:56:39
4217	4121.139 *		0	3	17	-0.6	-0	60	3	15:20:46
4218	4107.941 *		0.1	-5	-2	-0.5	-0	60	0	16:07:01
4219	4128.726 *		0	14	-2	-0.7	-0.1	3	0	16:31:04
4216	4128.693 *		0	-3	-5	-0.6	-0.1	60	2	16:31:27
4219	4139.473 *		0	1	1	-0.6	-0.1	1	0	16:42:30
4215	4146.277 *		0	-5	-3	-0.6	-0.1	60	0	16:48:28
4219	4188.62 *		0.1	9	-1	-0.6	-0.1	60	10	17:09:22
4220	4193.353 *		0	2	8	-0.6	-0.1	60	2	17:24:39
-230	4193.498 *		0	8	4	-0.5	-0.1	60	2	17:39:22
-101	4203.264 *		0	-6	9	-0.6	-0.1	60	0	18:12:32

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Data Reduction and Calculations

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Station	Meter Reading mGal	Time	IH	IH Corr. mGal	Drift	Drift Corr. mGal	Base Shift	Observed Gravity	Notes
					-0.13				
-101	4202.908	8:46:08	0.54	4203.07	0.14	4203.21	976481.92	980685.13	-101 Meter unstable (Base redone)
-101	4203.042	10:26:03	0.54	4203.21	0	4203.21	976481.92	980685.13	-101 Start here - ok
97050	4198.456	11:28:15	0.54	4198.62	-0.01	4198.62	976481.92	980680.54	97050
230	4193.292	11:57:24	0.54	4193.46	-0.01	4193.45	976481.92	980675.37	230
4001	4193.748	13:02:40	0.57	4193.92	-0.01	4193.91	976481.92	980675.83	4001
4002	4192.36	13:06:55	0.56	4192.53	-0.01	4192.52	976481.92	980674.44	4002
4003	4185.9	13:18:32	0.59	4186.08	-0.02	4186.07	976481.92	980667.99	4003
4004	4179.438	13:32:36	0.56	4179.61	-0.02	4179.59	976481.92	980661.51	4004
4005	4170.205	13:38:09	0.58	4170.38	-0.02	4170.37	976481.92	980652.29	4005
4006	4164.601	13:55:36	0.56	4164.77	-0.02	4164.75	976481.92	980646.67	4006
4007	4157.27	14:02:07	0.57	4157.45	-0.02	4157.43	976481.92	980639.35	4007
4008	4149.958	14:15:17	0.57	4150.13	-0.02	4150.11	976481.92	980632.03	4008
4009	4143.021	14:22:01	0.58	4143.20	-0.02	4143.18	976481.92	980625.10	4009
4010	4135.073	14:37:08	0.57	4135.25	-0.02	4135.23	976481.92	980617.15	4010
4011	4127.748	14:50:14	0.57	4127.92	-0.02	4127.90	976481.92	980609.82	4011
4012	4108.32	15:27:18	0.54	4108.49	-0.03	4108.46	976481.92	980590.38	4012
4013	4096.569	15:35:15	0.6	4096.75	-0.03	4096.73	976481.92	980578.65	4013
4014	4085.882	15:46:06	0.56	4086.05	-0.03	4086.03	976481.92	980567.95	4014
4015	4073.755	16:00:00	0.52	4073.92	-0.03	4073.88	976481.92	980555.80	4015
4016	4059.911	16:07:34	0.49	4060.06	-0.03	4060.03	976481.92	980541.95	4016
4017	4052.46	16:15:07	0.52	4052.62	-0.03	4052.59	976481.92	980534.51	4017
4018	4047.079	16:27:03	0.53	4047.24	-0.03	4047.21	976481.92	980529.13	4018
4019	4032.621	16:40:16	0.55	4032.79	-0.03	4032.76	976481.92	980514.68	4019
4020	4028.699	16:51:55	0.56	4028.87	-0.04	4028.84	976481.92	980510.76	4020
4021	4017.89	17:02:08	0.51	4018.05	-0.04	4018.01	976481.92	980499.93	4021

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Data Reduction and Calculations

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Station	Meter Reading mGal	Time	IH	IH Corr. mGal	Drift	Drift Corr. mGal	Base Shift	Observed Gravity	Notes
4022	4009.604	17:10:01	0.57	4009.78	-0.04	4009.74	976481.92	980491.66	4022
4023	3999.744	17:25:24	0.55	3999.91	-0.04	3999.87	976481.92	980481.79	4023
4022	4009.692	17:38:49	0.52	4009.85	-0.04	4009.81	976481.92	980491.73	4022
4021	4017.866	17:44:46	0.51	4018.02	-0.04	4017.98	976481.92	980499.90	4021
4024	4029.693	18:03:05	0.52	4029.85	-0.04	4029.81	976481.92	980511.73	4024
-230	4193.239	18:44:17	0.55	4193.41	-0.05	4193.36	976481.92	980675.28	-230
-101	4203.097	19:24:06	0.54	4203.26	-0.05	4203.21	976481.92	980685.13	-101 Loop Tie .05
					-0.12				
-101	4203.089	8:53:54	0.54	4203.26	0	4203.26	976481.87	980685.13	-101
-230	4193.28	9:44:55	0.56	4193.45	0.00	4193.45	976481.87	980675.32	-230
4101	4139.874	10:42:02	0.56	4140.05	-0.01	4140.04	976481.87	980621.91	4101
4102	4138.621	11:08:24	0.58	4138.80	-0.01	4138.79	976481.87	980620.66	4102
4103	4143.152	11:19:03	0.57	4143.33	-0.01	4143.32	976481.87	980625.19	4103
4104	4149.45	11:30:52	0.56	4149.62	-0.01	4149.61	976481.87	980631.48	4104
4105	4157.153	11:41:22	0.59	4157.34	-0.01	4157.32	976481.87	980639.19	4105
4106	4166.841	11:55:35	0.57	4167.02	-0.02	4167.00	976481.87	980648.87	4106
4107	4172.026	12:03:40	0.58	4172.20	-0.02	4172.19	976481.87	980654.06	4107
4108	4179.21	12:14:14	0.56	4179.38	-0.02	4179.37	976481.87	980661.24	4108
4109	4192.182	12:20:16	0.57	4192.36	-0.02	4192.34	976481.87	980674.21	4109
4110	4199.193	12:25:51	0.58	4199.37	-0.02	4199.35	976481.87	980681.22	4110
4111	4199.054	12:31:54	0.58	4199.23	-0.02	4199.21	976481.87	980681.08	4111
4112	4202.886	12:38:02	0.57	4203.06	-0.02	4203.04	976481.87	980684.91	4112
4113	4206.965	12:45:03	0.58	4207.14	-0.02	4207.12	976481.87	980688.99	4113
4114	4210.482	12:50:42	0.58	4210.66	-0.02	4210.64	976481.87	980692.51	4114

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Data Reduction and Calculations

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Station	Meter Reading mGal	Time	IH	IH Corr. mGal	Drift	Drift Corr. mGal	Base Shift	Observed Gravity	Notes
4115	4209.081	12:55:42	0.57	4209.26	-0.02	4209.24	976481.87	980691.11	4115
-230	4193.442	13:06:29	0.52	4193.60	-0.02	4193.58	976481.87	980675.45	-230
4116	4195.586	13:15:24	0.53	4195.75	-0.02	4195.73	976481.87	980677.60	4116
4117	4197.82	13:20:21	0.52	4197.98	-0.02	4197.96	976481.87	980679.83	4117
4118	4196.61	13:24:54	0.58	4196.79	-0.02	4196.77	976481.87	980678.64	4118
4119	4194.241	13:40:44	0.55	4194.41	-0.02	4194.39	976481.87	980676.26	4119
4120	4193.954	13:54:28	0.58	4194.13	-0.03	4194.11	976481.87	980675.98	4120
4121	4193.168	13:59:32	0.59	4193.35	-0.03	4193.32	976481.87	980675.19	4121
4122	4193.406	14:09:20	0.58	4193.58	-0.03	4193.56	976481.87	980675.43	4122
4123	4192.85	14:16:15	0.55	4193.02	-0.03	4192.99	976481.87	980674.86	4123
4124	4190.17	14:20:56	0.51	4190.33	-0.03	4190.30	976481.87	980672.17	4124
4125	4186.632	14:50:58	0.58	4186.81	-0.03	4186.78	976481.87	980668.65	4125
4126	4188.739	14:58:43	0.56	4188.91	-0.03	4188.88	976481.87	980670.75	4126
4127	4188.268	15:03:34	0.57	4188.44	-0.03	4188.41	976481.87	980670.28	4127
4128	4188.461	15:07:46	0.54	4188.63	-0.03	4188.60	976481.87	980670.47	4128
4129	4184.652	15:13:10	0.58	4184.83	-0.03	4184.80	976481.87	980666.67	4129
4130	4182.098	15:17:40	0.59	4182.28	-0.03	4182.25	976481.87	980664.12	4130
4131	4184.88	15:23:52	0.59	4185.06	-0.03	4185.03	976481.87	980666.90	4131
4132	4190.067	15:28:57	0.58	4190.25	-0.03	4190.21	976481.87	980672.08	4132
4133	4192.921	15:34:10	0.58	4193.10	-0.03	4193.07	976481.87	980674.94	4133
4134	4193.461	15:39:21	0.57	4193.64	-0.03	4193.60	976481.87	980675.47	4134
4135	4194.358	15:44:12	0.6	4194.54	-0.03	4194.51	976481.87	980676.38	4135
4136	4193.267	15:53:23	0.56	4193.44	-0.04	4193.40	976481.87	980675.27	4136
4130	4182.063	16:04:48	0.58	4182.24	-0.04	4182.21	976481.87	980664.08	4130
4128	4188.467	16:09:25	0.56	4188.64	-0.04	4188.60	976481.87	980670.47	4128
4137	4194.605	16:29:48	0.52	4194.77	-0.04	4194.73	976481.87	980676.60	4137

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Data Reduction and Calculations

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Station	Meter Reading mGal	Time	IH	IH Corr. mGal	Drift	Drift Corr. mGal	Base Shift	Observed Gravity	Notes
4138	4190.234	16:37:50	0.59	4190.42	-0.04	4190.38	976481.87	980672.25	4138
4139	4183.303	16:45:21	0.59	4183.49	-0.04	4183.45	976481.87	980665.32	4139
4140	4176.24	17:06:02	0.54	4176.41	-0.04	4176.36	976481.87	980658.23	4140
4141	4182.66	17:23:43	0.56	4182.83	-0.04	4182.79	976481.87	980664.66	4141
-230	4193.431	17:45:46	0.52	4193.59	-0.05	4193.55	976481.87	980675.42	-230
-101	4203.139	18:43:37	0.56	4203.31	-0.05	4203.26	976481.87	980685.13	-101 Loop Tie .05
-101	4203.252	8:34:28	0.54	4203.42	0	4203.42	976481.71	980685.13	-101
-230	4193.494	9:56:46	0.52	4193.65	0	4193.65	976481.71	980675.36	-230
4201	4083.291	10:36:09	0.59	4083.47	0	4083.47	976481.71	980565.18	4201
4202	4071.542	10:43:25	0.52	4071.70	0	4071.70	976481.71	980553.41	4202
4203	4059.917	10:59:07	0.54	4060.08	0	4060.08	976481.71	980541.79	4203
4204	4056.427	11:11:39	0.55	4056.60	0	4056.60	976481.71	980538.31	4204
4205	4054.309	11:21:26	0.62	4054.50	0	4054.50	976481.71	980536.21	4205
4206	4076.965	11:42:04	0.56	4077.14	0	4077.14	976481.71	980558.85	4206
4207	4074.212	11:49:27	0.58	4074.39	0	4074.39	976481.71	980556.10	4207
4208	4069.94	11:57:55	0.6	4070.13	0	4070.13	976481.71	980551.84	4208
4209	4063.592	12:10:45	0.6	4063.78	0	4063.78	976481.71	980545.49	4209
4210	4126.288	13:15:41	0.59	4126.47	0	4126.47	976481.71	980608.18	4210
4211	4137.476	13:27:59	0.56	4137.65	0	4137.65	976481.71	980619.36	4211
4212	4140.011	13:38:40	0.6	4140.20	0	4140.20	976481.71	980621.91	4212
4213	4148.233	13:59:12	0.58	4148.41	0	4148.41	976481.71	980630.12	4213
4214	4156.915	14:32:30	0.55	4157.08	0	4157.08	976481.71	980638.79	4214
4215	4146.257	14:43:42	0.55	4146.43	0	4146.43	976481.71	980628.14	4215
4216	4128.789	14:56:39	0.57	4128.96	0	4128.96	976481.71	980610.67	4216

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Data Reduction and Calculations

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Station	Meter Reading mGal	Time	IH	IH Corr. mGal	Drift	Drift Corr. mGal	Base Shift	Observed Gravity	Notes
4217	4121.139	15:20:46	0.55	4121.31	0	4121.31	976481.71	980603.02	4217
4218	4107.941	16:07:01	0.53	4108.10	0	4108.10	976481.71	980589.81	4218
4216	4128.693	16:31:27	0.56	4128.87	-0.01	4128.86	976481.71	980610.57	4216
4215	4146.277	16:48:28	0.52	4146.44	-0.01	4146.43	976481.71	980628.14	4215
4219	4188.62	17:09:22	0.54	4188.79	-0.01	4188.78	976481.71	980670.49	4219
4220	4193.353	17:24:39	0.57	4193.53	-0.01	4193.52	976481.71	980675.23	4220
-230	4193.498	17:39:22	0.57	4193.67	-0.01	4193.66	976481.71	980675.37	-230
-101	4203.264	18:12:32	0.54	4203.43	-0.01	4203.42	976481.71	980685.13	-101 Loop Tie .01
					-0.26				
-101	4203.333	7:55:08	0.54	4203.50	0	4203.50	976481.63	980685.13	-101
-230	4193.62	8:45:05	0.53	4193.78	-0.01	4193.78	976481.63	980675.41	-230
4301	4174.689	9:30:45	0.56	4174.86	-0.02	4174.84	976481.63	980656.47	4301
4302	4165.572	9:51:29	0.56	4165.74	-0.02	4165.72	976481.63	980647.35	4302
4303	4151.906	10:13:40	0.56	4152.08	-0.03	4152.05	976481.63	980633.68	4303
4304	4133.831	11:38:44	0.56	4134.00	-0.04	4133.96	976481.63	980615.59	4304
4305	4133.941	12:10:53	0.53	4134.11	-0.05	4134.06	976481.63	980615.69	4305
4306	4114.941	12:56:51	0.56	4115.11	-0.06	4115.06	976481.63	980596.69	4306
4303	4151.927	13:42:56	0.56	4152.10	-0.06	4152.04	976481.63	980633.67	4303
4307	4179.577	14:20:15	0.61	4179.77	-0.07	4179.69	976481.63	980661.32	4307
4308	4188.699	14:27:58	0.56	4188.87	-0.07	4188.80	976481.63	980670.43	4308
4309	4194.63	14:56:44	0.58	4194.81	-0.08	4194.73	976481.63	980676.36	4309
4310	4189.846	15:03:37	0.56	4190.02	-0.08	4189.94	976481.63	980671.57	4310
4311	4189.464	15:12:54	0.58	4189.64	-0.08	4189.56	976481.63	980671.19	4311
4312	4192.39	15:21:02	0.58	4192.57	-0.08	4192.49	976481.63	980674.12	4312
4313	4196.988	15:37:49	0.58	4197.17	-0.08	4197.08	976481.63	980678.71	4313

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Observed Gravity Data Reduction and Calculations

Instrumentation: Scintrex CG3 Gravity Meter No.10345

Surveyed by: Quadra Surveys, August 1997

Operator: Tam Mitchell

Station	Meter Reading mGal	Time	IH	IH Corr. mGal	Drift	Drift Corr. mGal	Base Shift	Observed Gravity	Notes
4314	4194.15	15:46:23	0.51	4194.31	-0.09	4194.22	976481.63	980675.85	4314
4313	4197.028	15:55:47	0.56	4197.20	-0.09	4197.11	976481.63	980678.74	4313
4315	4200.319	16:03:31	0.53	4200.48	-0.09	4200.39	976481.63	980682.02	4315
4316	4181.233	16:29:02	0.58	4181.41	-0.09	4181.32	976481.63	980662.95	4316
4317	4175.821	16:38:36	0.61	4176.01	-0.10	4175.91	976481.63	980657.54	4317
4318	4197.021	17:02:05	0.56	4197.19	-0.10	4197.09	976481.63	980678.72	4318
-230	4193.728	17:14:53	0.56	4193.90	-0.10	4193.80	976481.63	980675.43	-230
-101	4203.442	17:54:45	0.56	4203.61	-0.11	4203.50	976481.63	980685.13	-101 Loop Tie 0.11

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey
Inner Zone Terrain Corrections
 Surveyed by Quadra Surveys

Stn	Inclinometer Readings In Deg to Terrain Correction Zc																Zone-B						Zone-C						Zone-D						B, C, & D		Stn
	B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	Ter	Cor			
-231	0	0	0	5	5	10	8	8	7	0	0	17	20	0	0	5	.000	.000	.000	.004	.004	.014	.009	.009	.007	.000	.000	.123	.167	.000	.000	.011	0.35	-231			
5001	0	25	20	0	29	25	0	27	20	0	0	29	25	0	12	10	.000	.062	.045	.000	.103	.079	.000	.090	.052	.000	.000	.326	.250	.000	.063	.044	1.11	5001			
4001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0.00	4001		
4002	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0.00	4002		
4003	12	5	22	5	0	0	14	16	0	20	15	0	7	10	12	10	.020	.004	.052	.004	.000	.000	.027	.035	.000	.052	.097	.000	.022	.044	.063	.044	0.46	4003			
4004	0	0	0	0	0	0	0	0	10	10	0	0	0	0	5	7	.000	.000	.000	.000	.000	.000	.000	.000	.014	.014	.000	.000	.000	.000	.011	.022	0.06	4004			
4005	0	9	7	0	0	10	5	0	7	10	0	3	7	0	7	10	.000	.012	.007	.000	.000	.014	.004	.000	.007	.014	.000	.004	.022	.000	.022	.044	0.15	4005			
4006	0	0	0	0	0	0	0	0	5	7	0	5	5	0	7	7	.000	.000	.000	.000	.000	.000	.000	.004	.007	.000	.011	.011	.000	.022	.022	0.08	4006				
4007	0	0	0	0	0	0	15	5	10	10	0	12	10	0	10	10	.000	.000	.000	.000	.000	.000	.031	.004	.014	.014	.000	.063	.044	.000	.044	.044	0.26	4007			
4008	5	15	10	10	0	15	15	0	17	20	0	14	15	0	17	20	.004	.028	.014	.014	.000	.031	.031	.000	.039	.052	.000	.085	.097	.000	.123	.167	0.69	4008			
4009	8	6	0	30	0	0	22	25	14	13	0	22	20	0	10	15	.009	.006	.000	.081	.000	.000	.063	.079	.027	.023	.000	.199	.167	.000	.044	.097	0.79	4009			
4010	0	14	0	25	0	25	20	0	20	20	0	25	25	0	20	20	.000	.025	.000	.062	.000	.079	.052	.000	.052	.052	.000	.250	.250	.000	.167	.167	1.16	4010			
4011	5	5	5	10	0	0	15	18	15	15	0	15	18	0	15	15	.004	.004	.004	.014	.000	.000	.031	.043	.031	.031	.000	.097	.137	.000	.097	.097	0.59	4011			
4012	0	0	6	10	0	15	14	0	10	10	0	20	19	0	0	14	.000	.000	.006	.014	.000	.031	.027	.000	.014	.014	.000	.167	.152	.000	.000	.085	0.51	4012			
4013	0	0	0	10	0	10	7	0	17	13	0	17	12	0	17	13	.000	.000	.000	.014	.000	.014	.007	.000	.039	.023	.000	.123	.063	.000	.123	.074	0.48	4013			
4014	0	8	0	10	0	0	5	5	8	13	10	10	0	0	10	10	.000	.009	.000	.014	.000	.000	.004	.004	.009	.023	.044	.044	.000	.000	.044	.044	0.24	4014			
4015	20	0	0	23	27	27	0	0	24	30	0	0	27	27	24	27	.045	.000	.000	.055	.090	.090	.000	.000	.073	.109	.000	.000	.287	.287	.233	.287	1.56	4015			
4016	6	24	6	15	0	23	24	25	25	0	23	24	0	0	25	25	.006	.059	.006	.028	.000	.068	.073	.079	.079	.000	.215	.233	.000	.000	.250	.250	1.34	4016			
4017	5	5	7	13	0	2	15	0	10	0	0	17	21	0	17	10	.004	.004	.007	.022	.000	.001	.031	.000	.014	.000	.000	.123	.182	.000	.123	.044	0.56	4017			
4018	0	0	0	5	0	10	7	0	13	10	8	0	15	10	12	12	.000	.000	.000	.004	.000	.014	.007	.000	.023	.014	.029	.000	.097	.044	.063	.063	0.36	4018			
4019	0	0	17	32	30	34	0	33	34	0	0	30	24	33	34	0	.000	.000	.035	.089	.109	.135	.000	.128	.135	.000	.000	.346	.233	.408	.430	.000	2.05	4019			
4020	5	10	10	5	0	11	12	0	9	13	0	10	9	11	0	13	.004	.014	.014	.004	.000	.017	.020	.000	.011	.023	.000	.044	.036	.054	.000	.074	0.32	4020			
4021	0	0	0	0	0	0	0	0	0	0	0	0	20	15	7	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.167	.097	.022	.000	0.29	4021			
4022	0	0	10	13	0	0	12	13	8	12	13	0	0	8	7	0	.000	.000	.014	.022	.000	.000	.020	.023	.009	.020	.074	.000	.000	.029	.022	.000	0.23	4022			
4023	0	0	0	0	0	3	5	3	8	10	0	0	10	10	10	10	.000	.000	.000	.000	.000	.001	.004	.001	.009	.014	.000	.000	.044	.044	.044	.044	0.21	4023			
4024	5	0	0	10	0	0	5	5	10	10	10	17	5	7	7	10	.004	.000	.000	.014	.000	.000	.004	.004	.014	.014	.044	.123	.011	.022	.022	.044	0.32	4024			
4101	0	0	0	14	10	10	10	10	30	30	22	10	0	15	30	30	.000	.000	.000	.025	.014	.014	.014	.014	.109	.109	.199	.044	.000	.097	.346	.346	1.33	4101			
4102	0	35	0	24	0	30	26	0	0	24	25	0	18	18	25	24	.000	.101	.000	.059	.000	.109	.085	.000	.000	.073	.250	.000	.137	.137	.250	.233	1.43	4102			
4103	0	0	0	0	0	0	13	10	22	13	17	13	0	0	22	18	.000	.000	.000	.000	.000	.000	.023	.014	.063	.023	.123	.074	.000	.000	.199	.137	0.66	4103			
4104	20	10	0	0	20	15	0	10	5	0	15	15	0	5	5	0	.045	.014	.000	.000	.052	.031	.000	.014	.004	.000	.097	.097	.000	.011	.011	.000	0.38	4104			

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Inner Zone Terrain Corrections

Surveyed by Quadra Surveys

Stn	Inclinometer Readings In Deg to Terrain Correction Zc																Zone-B		Zone-C						Zone-D						B, C, & D		Stn		
	B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6		Ter	Cor
4105	0	0	20	20	0	0	25	20	25	20	0	0	15	15	10	10	.000	.000	.045	.045	.000	.000	.079	.052	.079	.052	.000	.000	.097	.097	.044	.044	0.64	4105	
4106	0	0	0	0	0	0	15	15	10	10	0	15	15	0	10	10	.000	.000	.000	.000	.000	.000	.031	.031	.014	.014	.000	.097	.097	.000	.044	.044	0.37	4106	
4107	5	23	5	11	0	17	17	0	25	23	0	10	0	0	25	23	.004	.055	.004	.017	.000	.039	.039	.000	.079	.068	.000	.044	.000	.000	.250	.215	0.81	4107	
4108	0	0	0	0	0	0	0	0	0	0	0	0	5	10	13	10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.011	.044	.074	.044	0.17	4108	
4109	0	0	0	0	0	0	7	10	3	5	0	9	8	0	5	0	.000	.000	.000	.000	.000	.000	.007	.014	.001	.004	.000	.036	.029	.000	.011	.000	0.10	4109	
4110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.044	0.04	4110	
4111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0.00	4111	
4112	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0.00	4112	
4113	0	0	0	0	0	3	13	0	5	5	0	10	13	0	7	5	.000	.000	.000	.000	.000	.001	.023	.000	.004	.004	.000	.044	.074	.000	.022	.011	0.18	4113	
4114	0	0	0	10	0	5	5	0	5	7	0	5	5	0	8	8	.000	.000	.000	.014	.000	.004	.004	.000	.004	.007	.000	.011	.011	.000	.029	.029	0.11	4114	
4115	0	0	0	0	0	0	0	0	0	0	3	0	8	8	0	7	.000	.000	.000	.000	.000	.000	.000	.000	.000	.001	.000	.029	.029	.000	.022	.022	0.10	4115	
4116	0	0	0	0	0	0	0	5	8	10	0	7	7	0	5	3	.000	.000	.000	.000	.000	.000	.000	.004	.009	.014	.000	.022	.022	.000	.011	.004	0.09	4116	
4117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0.00	4117	
4118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0.00	4118	
4119	0	0	0	3	0	0	0	0	0	0	5	0	0	0	0	0	.000	.000	.000	.001	.000	.000	.000	.000	.000	.004	.000	.000	.000	.000	.000	0.01	4119		
4120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0.00	4120	
4121	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	6	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.011	.011	.016	0.04	4121
4122	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	8	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.022	.029	0.05	4122	
4123	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.011	.004	0.02	4123	
4124	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0.00	4124	
4125	0	0	0	10	0	12	10	7	5	0	0	12	15	0	5	5	.000	.000	.000	.014	.000	.020	.014	.007	.004	.000	.000	.063	.097	.000	.011	.011	0.24	4125	
4126	0	0	0	7	0	10	12	0	10	0	12	15	0	0	0	0	.000	.000	.000	.007	.000	.014	.020	.000	.014	.000	.063	.097	.000	.000	.000	0.22	4126		
4127	0	0	0	0	0	10	10	0	8	8	18	17	0	0	8	8	.000	.000	.000	.000	.000	.014	.014	.000	.009	.009	.137	.123	.000	.000	.029	.029	0.36	4127	
4128	5	8	0	0	0	10	10	10	10	10	10	10	0	0	15	.004	.009	.000	.000	.000	.000	.014	.014	.014	.014	.014	.044	.044	.044	.000	.000	.097	0.30	4128	
4129	0	0	0	0	0	0	0	8	8	8	0	0	7	8	8	.000	.000	.000	.000	.000	.000	.000	.009	.009	.009	.000	.000	.022	.029	.029	.029	0.14	4129		
4130	0	0	0	0	0	10	10	4	5	0	0	10	10	5	0	.000	.000	.000	.000	.000	.000	.014	.014	.002	.004	.000	.000	.044	.044	.011	.000	0.13	4130		
4131	0	0	0	10	0	0	10	10	4	5	0	0	0	10	10	5	.000	.000	.000	.014	.000	.000	.014	.014	.002	.004	.000	.000	.000	.044	.044	.011	0.15	4131	
4132	0	0	0	5	0	0	10	10	10	10	0	0	15	14	10	10	.000	.000	.000	.004	.000	.000	.014	.014	.014	.014	.000	.000	.097	.085	.044	.044	0.33	4132	
4133	0	0	10	17	0	0	20	20	12	15	0	0	20	20	12	15	.000	.000	.014	.035	.000	.000	.052	.052	.020	.031	.000	.000	.167	.167	.063	.097	0.70	4133	
4134	0	0	0	13	0	0	13	20	15	15	20	20	0	0	8	8	.000	.000	.000	.022	.000	.000	.023	.052	.031	.031	.167	.167	.000	.000	.029	.029	0.55	4134	

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Inner Zone Terrain Corrections

Surveyed by Quadra Surveys

Stn	Inclinometer Readings in Deg to Terrain Correction Zc																Zone-B		Zone-C						Zone-D						B, C, & D		Stn	
	B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6		Ter
4135	0	0	0	15	0	8	10	0	13	15	0	0	22	22	8	8	.000	.000	.000	.028	.000	.009	.014	.000	.023	.031	.000	.000	.199	.199	.029	.029	0.56	4135
4136	0	0	0	30	13	15	0	0	28	25	19	20	0	0	10	10	.000	.000	.000	.081	.023	.031	.000	.000	.096	.079	.152	.167	.000	.000	.044	.044	0.72	4136
4137	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.029	.044	0.07	4137
4138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.007	.007	0.01	4138
4139	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.011	0.01	4139
4140	0	0	0	0	0	9	5	5	5	0	0	7	9	5	5	.000	.000	.000	.000	.000	.000	.011	.004	.004	.004	.000	.000	.022	.036	.011	.011	0.10	4140	
4141	0	0	0	0	0	0	0	0	0	0	0	5	6	6	5	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.011	.016	.016	.011	0.06	4141	
4201	0	0	5	5	0	7	10	9	5	0	0	7	10	4	9	.000	.000	.004	.004	.000	.000	.007	.014	.011	.004	.000	.000	.022	.044	.007	.036	0.15	4201	
4202	8	0	7	0	0	7	3	8	7	0	0	7	7	7	7	.009	.000	.007	.000	.000	.000	.007	.001	.009	.007	.000	.000	.022	.022	.022	.022	0.13	4202	
4203	0	0	0	0	0	5	5	10	5	0	0	10	10	15	13	.000	.000	.000	.000	.000	.000	.004	.004	.014	.004	.000	.000	.044	.044	.097	.074	0.28	4203	
4204	0	0	0	20	0	16	13	16	15	0	0	10	10	15	13	.000	.000	.000	.045	.000	.000	.035	.023	.035	.031	.000	.000	.044	.044	.097	.074	0.43	4204	
4205	0	0	0	3	0	11	11	14	15	0	0	11	11	14	15	.000	.000	.000	.001	.000	.000	.017	.017	.027	.031	.000	.000	.054	.054	.085	.097	0.38	4205	
4206	0	0	20	10	0	8	17	13	14	0	0	18	17	13	14	.000	.000	.045	.014	.000	.000	.009	.039	.023	.027	.000	.000	.137	.123	.074	.085	0.58	4206	
4207	0	0	0	0	0	18	10	10	10	10	10	0	0	12	12	.000	.000	.000	.000	.000	.000	.043	.014	.014	.014	.044	.044	.000	.000	.063	.063	0.30	4207	
4208	0	0	0	5	0	17	15	10	10	0	0	17	17	15	13	.000	.000	.000	.004	.000	.000	.039	.031	.014	.014	.000	.000	.123	.123	.097	.074	0.52	4208	
4209	0	0	10	10	0	15	17	20	21	0	0	22	23	22	22	.000	.000	.014	.014	.000	.000	.031	.039	.052	.057	.000	.000	.199	.215	.199	.199	1.02	4209	
4210	0	0	0	7	0	15	15	13	13	0	0	18	20	20	17	.000	.000	.000	.007	.000	.000	.031	.031	.023	.023	.000	.000	.137	.167	.167	.123	0.71	4210	
4211	0	0	10	10	10	10	7	17	20	0	10	10	5	15	7	17	.000	.000	.014	.014	.014	.014	.007	.039	.052	.000	.044	.044	.011	.097	.022	.123	0.50	4211
4212	0	0	10	10	0	10	10	6	7	0	0	10	10	6	7	.000	.000	.014	.014	.000	.000	.014	.014	.005	.007	.000	.000	.044	.044	.016	.022	0.20	4212	
4213	0	0	10	15	0	25	25	5	15	15	10	10	0	15	20	20	.000	.000	.014	.028	.000	.079	.079	.004	.031	.031	.044	.044	.000	.097	.167	.167	0.78	4213
4214	0	0	23	17	0	20	22	10	12	0	0	20	22	10	12	.000	.000	.055	.035	.000	.000	.052	.063	.014	.020	.000	.000	.167	.199	.044	.063	0.71	4214	
4215	0	0	20	12	0	15	19	18	18	0	15	18	18	18	0	.000	.000	.045	.020	.000	.000	.031	.048	.043	.043	.000	.097	.137	.137	.137	.000	0.74	4215	
4216	0	0	5	10	0	17	17	18	22	0	14	22	17	20	.000	.000	.004	.014	.000	.000	.039	.039	.043	.063	.000	.000	.085	.199	.123	.167	0.77	4216		
4217	0	0	15	20	0	19	20	20	20	0	19	20	20	20	.000	.000	.028	.045	.000	.000	.048	.052	.052	.052	.000	.000	.152	.167	.167	.167	0.93	4217		
4218	0	0	10	10	2	20	18	20	19	22	20	0	0	20	19	.000	.000	.014	.014	.001	.000	.052	.043	.052	.048	.199	.167	.000	.000	.167	.152	0.91	4218	
4219	0	0	7	7	0	5	5	5	0	0	0	0	5	5	5	.000	.000	.007	.007	.000	.000	.004	.004	.004	.000	.000	.000	.000	.011	.011	.011	0.06	4219	
4220	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	0.00	4220
4301	0	0	0	0	0	10	10	10	12	0	0	10	10	10	9	.000	.000	.000	.000	.000	.000	.014	.014	.014	.020	.000	.000	.044	.044	.044	.036	0.23	4301	
4302	0	0	17	16	0	19	15	15	14	0	0	20	20	15	14	.000	.000	.035	.031	.000	.000	.048	.031	.031	.027	.000	.000	.167	.167	.097	.085	0.72	4302	
4303	0	0	0	0	0	7	7	0	0	13	10	20	20	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.007	.007	.000	.000	.074	.044	.167	.167	0.47	4303	

ABITIBI MINING CORPORATION

1997 Ham Project Gravity Survey

Inner Zone Terrain Corrections

Surveyed by Quadra Surveys

Stn	Inclinometer Readings in Deg to Terrain Correction Zc																Zone-B				Zone-C						Zone-D						B, C, & D		Stn
	B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	B1	B2	B3	B4	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	Ter	Cor	
4304	10	15	10	20	0	22	18	0	30	26	0	22	18	0	30	26	.014	.028	.014	.045	.000	.063	.043	.000	.109	.085	.000	.199	.137	.000	.346	.268	1.35	4304	
4305	0	22	18	0	0	0	22	18	18	22	0	22	18	0	18	20	.000	.052	.038	.000	.000	.063	.043	.043	.063	.000	.199	.137	.000	.137	.167	0.94	4305		
4306	0	0	12	10	0	0	28	25	17	20	0	0	30	30	17	20	.000	.000	.020	.014	.000	.000	.096	.079	.039	.052	.000	.000	.346	.346	.123	.167	1.28	4306	
4307	0	0	0	0	0	0	0	10	5	5	0	0	7	7	10	9	.000	.000	.000	.000	.000	.000	.000	.014	.004	.004	.000	.000	.022	.022	.044	.036	0.15	4307	
4308	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.011	.011	.011	.011	0.05	4308
4309	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	7	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.011	.022	0.03	4309	
4310	0	0	0	0	0	0	0	0	0	5	0	0	0	3	6	5	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.004	.000	.000	.000	.004	.016	.011	0.04	4310
4311	0	0	0	7	0	0	0	0	5	7	0	0	0	0	3	4	.000	.000	.000	.007	.000	.000	.000	.000	.004	.007	.000	.000	.000	.000	.004	.007	0.03	4311	
4312	0	5	7	0	0	6	5	5	5	0	6	0	0	0	0	0	.000	.004	.007	.000	.000	.005	.004	.004	.004	.000	.016	.000	.000	.000	.000	.000	0.04	4312	
4313	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	5	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.097	.011	0.11	4313
4314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	10	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.063	.044	0.11	4314
4315	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.016	0.02	4315	
4316	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5	5	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.011	.011	.011	.011	0.05	4316
4317	8	0	0	0	0	5	7	0	8	8	0	13	10	0	8	8	.009	.000	.000	.000	.000	.004	.007	.000	.009	.009	.000	.074	.044	.000	.029	.029	0.21	4317	
4318	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.011	.011	0.02	4318	

		HAND	CG 3-1184 10345 GRAVITY		
AUG 11	97	CGAINS			
STN	114	R06	D	C	D
-101	.54	4202.967			
-101	.54	4203.14			
897050	.54	4198.54	0	0	0005
-230	.54	4193.35	0	0	0
4001	.57	4193.82	0	0	0
4002	.56	4192.42	0	0	0
4003	.59	4185.78	12	5 22	14 16 7 10 20 15 0 2 0 0
4004	.56	4179.54	0	0	10 10 5 7 00 0 0 0 0
→ Bump 4005	.58	4170.30	0	0	10 5 3 7 0 7 0 7 10 7 10
4004 ^{CHK}	.55	4179.64			
4005 ^{CHK}	.55	4170.26			
4006	.56	4164.67	0	0	5 7 0 5 5 0 00 7 7
4007	.57	4157.38	0	0	8 15 5 12 10 10 10 0 10 0
4008	.57	4150.06	5	15 10	15 15 14 15 10 17 20 17 20

Check OK

DO NOT USE
AS TIE STAYS.

4007	4143.12 4143.12	^{.58} 8 0 30	25 22 14 13	22 20 10 15
4010	.57 4135.15	14 0 25	25 20 20 20	25 25 20 20
4011	.57 4127.83	5 5 10	15 10 15 15	15 10 15 15
4012	.57 4113.07 .54 4108.41	6 0 10 0	15 10 10 10	20 19 0 14
4013	.60 4096.66	0 0 0 0	10 7 17 13	17 12 17 13
4014	.56 4085.98	8 0 10	5 5 10 10	10 10 10 10
4015	^{.52} .52 4073.85	20 0 23	27 27 24 30	27 27 24 27
4016	.49 4060.21	24 6 15	25 24 25 25	23 24 15 25
4017	.52 4052.57	5 5 7 13	12 15 10 10	17 21 17 10
4018	.53 4047.20	5 0 0 0	10 7 13 10	8 15 10 12 12
4019	.55 4032.73	17 0 32	30 34 33 34	30 24 33 34
4020	.56 4028.82	5 10 16 5	11 12 7 13	13 11 9 13

4021	.51	4018.01	0	0	0 20 15 0 0 7
4022	.57	4009.73	0 10 13	0 12 13 8 0	0 12 13 0 8 7
4023	.55	3999.87	0	3 5 3 0 8 10	0 10 10 10 0
RECAT					
4022	.52	4009.83			
(4023 IN MTR)					
4021	.51	4018.00			
4024	.52	4029.81	5 0 10	5 5 0 10 13	10 17 5 7 7 10
-230	.55	4193.35			
-101	.54	4203.22			

AUG 12 GRAVITY

STN	IH	ROG	B	C	D
-101	.54	4203.14			
-101	.54	4203.136			
-230	.56	4193.324			
4101	.56	4139.91	0 ¹⁶ 0 0	10 10 30 30	22 ¹⁰ 0 30 30 ¹⁵
4102 NO SPS	.58	4139.21	0 ⁵⁵ 24	30 26 30 30	20 15 10 30 30
4102	.58	4138.65	0 ⁵⁰ 25	25 25 24 25	18 18 24 25
4103	.57	4143.19	0 0 0 0	12 10 22 13	17 13 22 18
4104	.56	4149.49	20 0 0 10	20 15 10 5	15 15 5 5
4105	.59	4157.18	0 ²⁰ 20 0	25 20 25 26	25 20 25 26
4106	.57	4166.88	0	0 15 15 10 10	0 15 15 10 10
4107	.58	4172.05	23 5 11 5	0 17 17 25 23	0 10 0 25 23
4108	.56	4179.24	0	0	0 5 10 13 10
4109	.57	4192.21	0	0 7 10 3 5	0 9 8 5 0
4110	.58	4199.22	0	0	0 0 0 0 10

Aug 12 '97

4111	.58	4199.09	0	0	0
4112	.57	4202.92	0	0	0
4113	.58	4207.00	0	3 13 0 5 5 0	10 13 0 7 5 0
4114	.58	4210.53	0 0	5 5 0 5 7	5 5 0 8 8 0
4115	.57	4209.12	0	3 0 0 0 0 0	8 8 0 7 7 0
-230	.52	4193.49			
4116	.53	4195.64	0	0 5 8 10	7 7 5 3
4117	.52	4197.87	0	0	0
4118	.58	4196.67	0	0	0
4119	.55	4194.29	0 3 0	5 0 0 0 0	0
4120	.58	4194.02	0	0	0
4121	.59	4193.23	0	0	5 5 6 0 0 0
4122	.58	4193.48	0	0	7 8 0 0

4123	.55	4192.92	0	0	0 5 3 0 0 0
4124	.51	4190.24	0	0	0
4125	.58	4186.69	0 ¹⁰ 0 0	0 ¹² 10 7 5	0 ¹² 15 5 5
4126	.56	4188.80	0 ⁷ 0 0	0 ¹⁰ 12 10 0	0 ¹² 15 0 0
4127	.57	4188.75	0 ⁰ 0 0	0 ¹⁰ 10 8 8	0 ¹⁰ 17 8 8
4128	.54	4189.54	0 ⁵ 8 0	0 ¹⁰ 10 10 10	0 ¹⁰ 10 5 10
4129	.58	4189.74	0	0 ⁸ 0 8 8	0 ⁷ 8 8 8
4130	.59	4182.18	0	0 ¹⁰ 10 4 5	0 ¹⁰ 10 5 0
4131	.59	4184.97	0 ⁰ 10 0	0 ¹⁰ 10 12 13	0 ¹⁵ 15 10 11
4132	.58	4190.15	0 ⁰ 5 0	0 ¹⁰ 10 10 10	0 ¹⁵ 10 10 10
4133	.58	4193.02	0 ¹⁰ 17 0	0 ²⁰ 20 12 15	0 ²⁰ 20 12 15
4134	.57	4193.54	0 ¹³ 0 0	0 ¹³ 20 15 15	0 ²⁰ 20 8 8
4135	.60	4194.46	0 ⁰ 15 0	0 ⁸ 10 13 15	0 ²⁰ 20 8 8

4136	.56	4193.36	0 0 30	13 15 0 28 25	19 20 0 10 10
4130	.58	4182.16			
4120	.56	4188.57			
4137	.52	4194.71	0	0	0 8 10 0 0 0
4138	.59	4190.34	0	0	0 4 4 0 0 0
4139	.59	4183.43	0	0	0 0 5 0 0
4140	.54	4176.22	0	0 9 5 5 5	0 7 9 5 5
4141	.56	4182.78	0	0	5 6 6 0 0 5
-230	.52	4193.55			
-101	.56	4203.25			

Aug 13 Gravity

STN	HH	RDG	B	C	D
-101	.54	4203.298			
-230	.52	4193.49			
4201	.59	4083.32	0 ⁵ ₅ 0	0 ⁷ ₅ 0	0 ⁷ ₉ 0
+		4071.57			
4202	.52	4071.57	0 ⁸ ₇ 0	0 ⁷ ₈ 0	0 ⁷ ₇ 0
4203	.54	4053.95	0	0 ⁵ ₁₀ 0	0 ¹⁰ ₁₅ 0
4204	.55	4056.46	0 ²⁰ ₀ 0	0 ¹⁶ ₁₆ 0	0 ¹⁰ ₁₂ 0
4205	.62	4054.35	0 ³ ₀ 0	0 ¹¹ ₁₄ 0	0 ¹¹ ₁₄ 0
4206	.56	4077.01	0 ²⁰ ₁₀ 0	0 ¹⁸ ₁₃ 0	0 ¹⁸ ₁₃ 0
4207	.58	4074.25	0	0 ¹⁸ ₁₀ 0	0 ¹² ₁₀ 0
4208	.60	4069.99	0 ⁵ ₀ 0	0 ¹⁷ ₁₀ 0	0 ¹⁵ ₁₇ 0
4209	.60	4063.64	0 ¹⁰ ₁₀ 0	0 ¹⁵ ₂₀ 0	0 ²² ₂₂ 0
4210	.59	4126.34	0 ⁷ ₀ 0	0 ¹⁵ ₁₃ 0	0 ¹⁸ ₂₀ 0
4211	.56	4137.55	0 ¹⁰ ₁₀ 0	0 ⁷ ₂₀ 0	0 ⁵ ₇ 0

4212	.60	4140.10	0 ¹⁰ ₁₀ 0 ¹⁰ ₁₀	0 ¹⁰ ₆₇ 0 ¹⁰ ₆₇	0 ¹⁰ ₆₇ 0 ¹⁰ ₆₇
4213	.58	4148.33	0 ¹⁰ ₁₅ 0 ¹⁰ ₁₅	0 ²⁵ ₁₅ 0 ²⁵ ₁₅	0 ¹⁰ ₂₀ 0 ¹⁵ ₂₀
4214	.55	4157.00	0 ²³ ₁₇ 0 ²³ ₁₇	0 ²⁰ ₁₀ 0 ²² ₁₂	0 ²⁰ ₁₀ 0 ²² ₁₂
4215	.55	4146.37	0 ²⁰ ₁₂ 0 ²⁰ ₁₂	0 ¹⁵ ₁₈ 0 ¹⁵ ₁₈	0 ¹⁵ ₁₈ 0 ¹⁸ ₁₈
Bump					
4216	.57	4128.90	0 ⁵ ₁₀ 0 ⁵ ₁₀	0 ¹⁷ ₁₈ 0 ¹⁷ ₂₂	0 ¹⁷ ₁₈ 0 ²² ₂₂
4217	.55	4121.25	0 ¹⁵ ₂₀ 0 ¹⁵ ₂₀	0 ¹⁹ ₂₀ 0 ¹⁹ ₂₀	0 ¹⁹ ₂₀ 0 ²⁰ ₂₀
4218	.53	4108.06	0 ¹⁰ ₁₀ 0 ¹⁰ ₁₀	0 ²⁰ ₂₀ 0 ¹⁸ ₁₇	0 ²² ₂₀ 0 ²⁰ ₁₉
REPEAT					
4216	.56	4128.83			
REPEAT					
4215	.52	4146.42			
4219	.54	4188.76	0 ⁷ ₇ 0 ⁷ ₇	0 ⁵⁵ ₅₀ 0 ⁵⁵ ₅₀	0 ⁵⁵ ₅₀ 0 ⁵⁵ ₅₀
4220	.57	4193.49	0	0	0
-230	.57	4193.64			
-101	.54	4203.42			

AUGUST 19 GRAVITY 2 10345 T. MITCHELL

STN	IN	ROG				
-101	.54	4023.42				
-230	21	4193.68				
4301	22	4174.72	0	10 12 0 10 10	10 9 0 10 10	
4302	22	4165.58 4302	17 16	0 0 15 14	19 15 20 20 0 15 14	
4303	22	4151.95	0	0 7 7 0 0 0	13 10 0 20 20	
4304	20	4131.20				
4304	22	4133.82	15 20	10 10 0 22 18 30 26	22 18 30 26	
4305	21	4133.94	22 18	0 22 18 22	22 18 18 20 0 22 18	
4306	22	4114.98	12 10	0 10	28 25 17 20 30 30 17 20	
4303	22	4151.97				
4307	24	4179.63	0	10 5 5 0 0 0	7 7 10 9 0 0	
4308	22	4188.75	0	0	0 5 5 5 5	
4309	23	4194.68	0	0	0 5 7 0 0 0	
4310	22	4189.90	0	0 0 0	0 5 3 6 5 0 0 0	
4311	23	4185.54	0 7	0 0	5 7 0 0 0 0	3 4 0 0

Apr 14 97

4312	23	4192.48	0 ⁵ 7	0 ⁶⁵ 55	0 ⁶⁰ 000
4313	23	4177.65	0	0	0 ⁵⁵ 000
4314	20	4194.23	0	0	0 ¹²¹⁰⁰ 000
4313	22	4197.15			
4315	21	4200.41	0	0	0 ⁰⁶⁰ 000
4316	23	4181.32	0	0	0 ⁵⁵⁰ 55
4317	24	4175.92	0 ⁰ 8	0 ⁵⁷⁰ 88	0 ¹³¹⁰⁰ 88
4318	22	4197.13	0	0	0 ⁵⁵⁰ 000
-230	22	4193.83			
-101	22	4203.57			

Ham Gravity/GPS

Aug 11 97 Zyoji Sakson

Base @ BM 897050 IH=1.532

Sta Rod

-230 2.000

BASE @ -230 IH = 1.545

Sta Rod (m)

4001	1.83
4002A	1.83
4003	7.707
4004	1.83
4005	1.83
4006	1.83
4007	7.707
4008	1.83
4009	1.83
4010	7.707
4011A	7.707
4012	1.83
4013	1.83
4014A	1.83

STN	ROD(m)
4015	1.83
4016	1.83
4017	1.83
4018	1.83
4019	1.83
4020	1.83
4021	1.83
4022	1.83
4023	1.83
4024	1.83

Aug 12/17 Z.S.

Aug 12 / 97

Z.S.

Base @ -230

IH 1.448

stn	ROD(m)
4101	7.707
4102	7.707
4103	7.707
4104	7.707
4105	7.707
4106	7.707
4107	4.810
4108	1.83
4109	1.83
4110	1.83
4111	1.83
4112	1.83
4113	1.83
4114	1.83
4115	1.83
4116	1.83
4117	1.83
4118A	2.363
4119	1.83
4120	1.83

Aug 12 - cont.

stn	Rod(m)
4121	1.83
4122	1.83
4123	1.83
4124	1.83
4125	1.83
4126	1.83
4127	1.83
4128	1.83
4129	1.83
4130	1.83
4131	1.83
4132	1.83
4133	1.83
4134	1.83
4135	1.83
4136	1.83
4137	1.83
4138	1.83
4139B	4.81
4140A	7.707
4141	1.83

Aug 13/97 Z. Jackson

[HAM]

Base @ -230 IH = 1.32

stn	Rad(m)
4201	1.83
4202	1.83
4203A	1.83
4204	1.83
4205	1.83
4206	1.83
4207	1.83
4208	1.83
4209	1.83
4210A	7.707
4211	7.707
4212	3.303
4213	3.303
4214	7.707
4215	7.707
4216A	3.303
4217	7.707
4218	7.707
4219	3.303
4220	3.303

← Actual Ht. at 7.707

Aug 14/97 Z. Jackson

[HAM]

Base @ -230 IN = 1.538

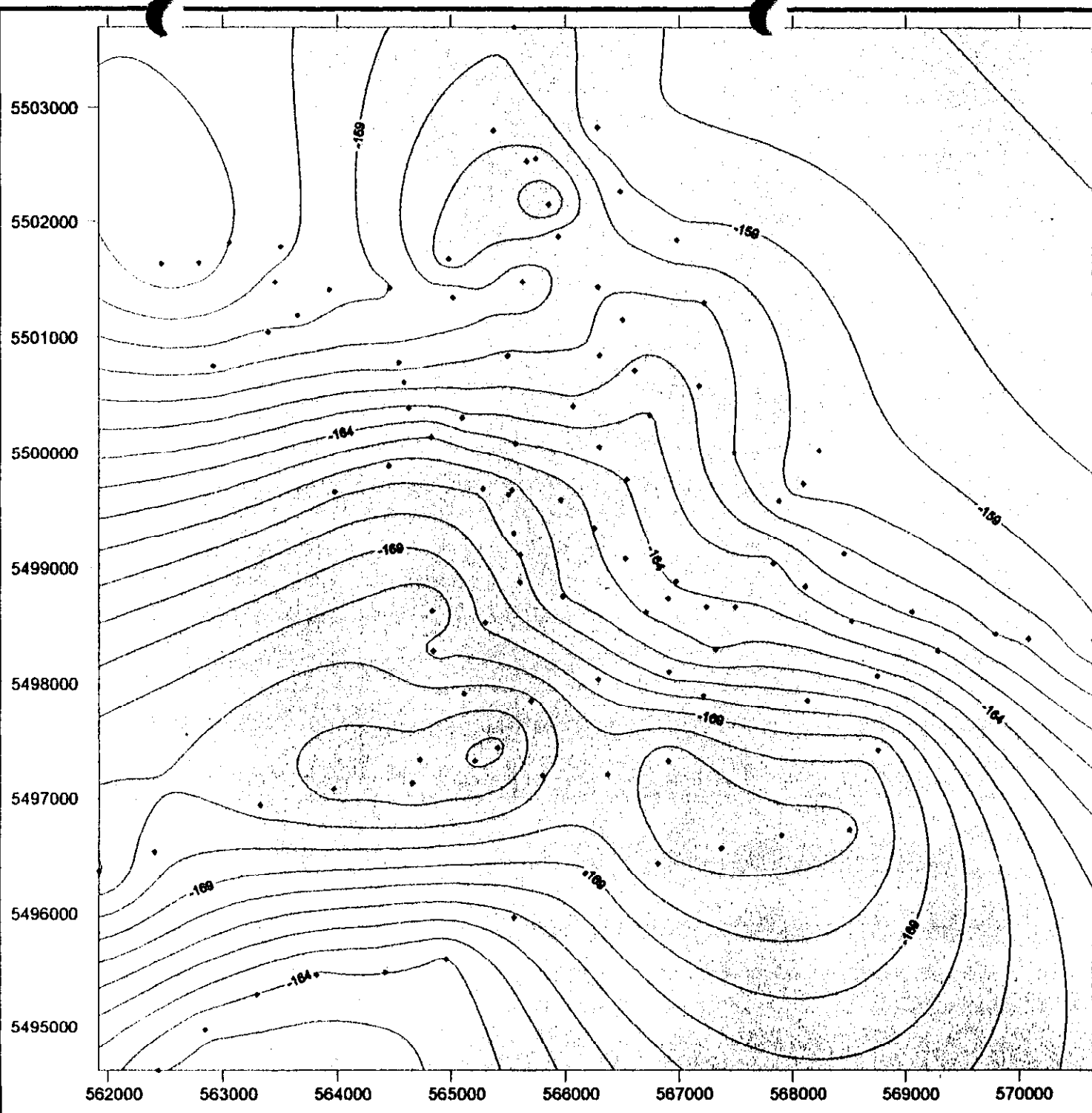
STN Rod (M)

4301	3.363	← Double check
4302	7.16	✓ heights in Data
4303B	6.968	
4304B	10.61	← Use 4304B in Data
4305	10.61	
4306	10.61	
4307	1.83	
4308	1.83	
4309	1.83	← HIGH RMS POINT CEN ALL
4310	1.83	
4311A	1.83	
4312	1.83	
4313A	1.83	
4314	1.83	
4315	1.83	
4316	1.83	
4317	4.81	
4318	3.363	

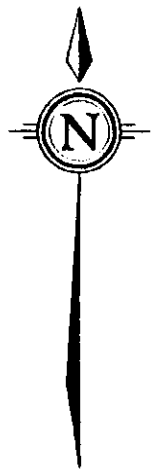
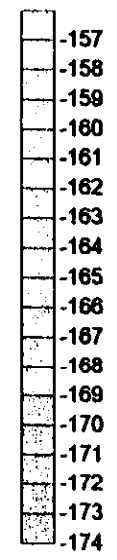
APPENDIX III

Partial Bouguer Anomaly Plan Map





SIMPLE
BOUGUER
ANOMALY
GRAVITY



QUADRA SURVEYS

ABITIBI MINING CORPORATION

HAM PROJECT

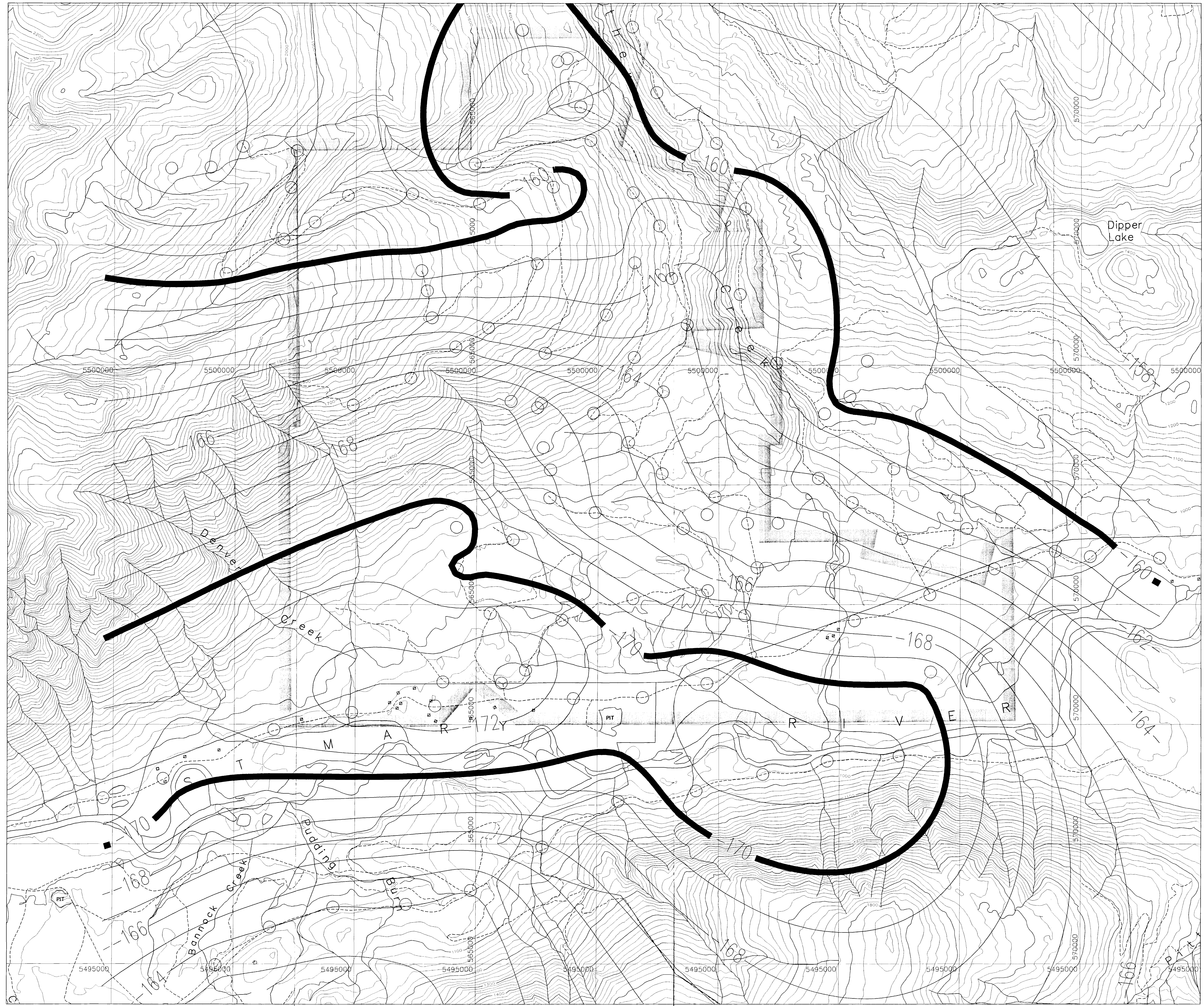
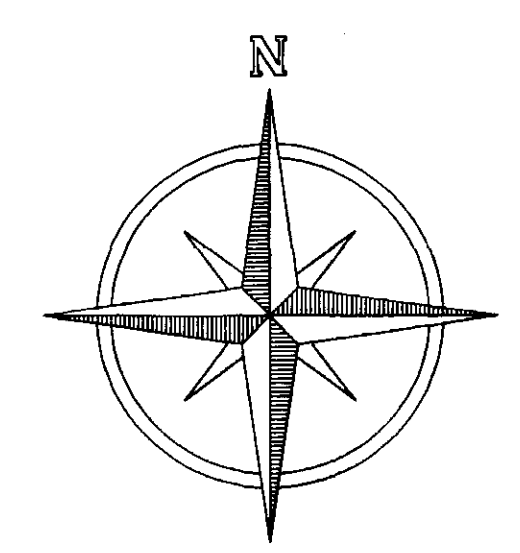
**PARTIAL BOUGUER
ANOMALY GRAVITY**

CRANBROOK M.D., B.C.

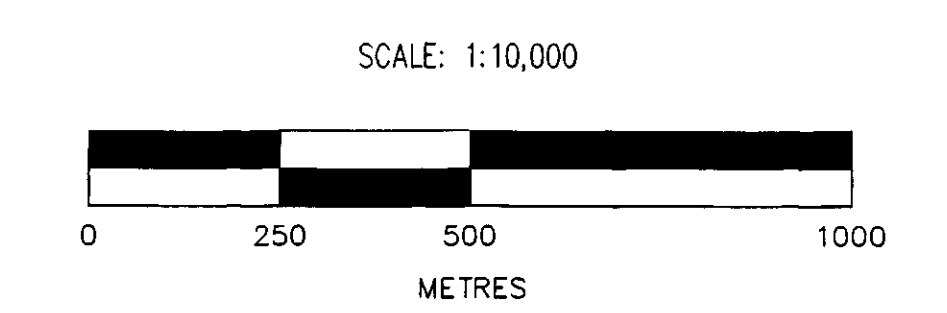
N.T.S. 82 F/8 ST. MARY LAKE

DRAWN BY: TLM
SCALE 1:50,000

DATE: AUGUST 1997
FIGURE: 5



○ - GRAVITY STATIONS
C.I. = 1 MGAL



ARTIS & BEEKS MINING CORP.
GRABROCK FIELD OFFICE

NAM PROJECT
BOUGUER GRAVITY MAP
(FIGURE 5) MAP 1

SCALE: 1:10,000 C.I.: 20 metres FILE: Hmgp000p10
 AUTHOR: QUADRA DATE: Nov 97 DRAWN: GLT
 TRIM: PRINTS: 22/19 FIGURE: 5