

GEOLOGICAL
GRAVITY
SCINTILLOMETER
ELECTROMAGNETOMETER
MAGNETOMETER
INDUCED POLARIZATION
GEOCHEMICAL

AIRBORNE

520 - 5th Avenue S.W.
Calgary, Alberta
Telephone 264-0895



November 3, 1967

NORDIC MINERAL DEVELOPMENT CORP. LTD.

FORT SIMPSON PROSPECT

Gravimetric Survey Specifications

Meter:

Worden Prospector . Meter levels were checked and the meter was adjusted for the latitude of the prospect. All stations were carefully observed and check readings were taken at selected stations.

Surveying:

Stations were chained and flagged at 100 foot intervals. Elevations and horizontal control were obtained with a Wild T 16 Theodolite. Elevations were read to 1/100th of a foot.

Computing:

Diurnal and meter drift corrections were mathematically proportioned on each "run". Latitude correction was plotted from tables of Theoretical Gravity. A datum line was established at the south end of the grid and latitude was corrected from this point. An elevation correction factor of 0.063 milligals per foot was used for a combined free-air Bouguer correction.

Plotting:

Bouguer gravity results were rounded off to 1/10th milligal and contoured at 1/10th. milligal intervals. Map scale used is 1" to 100 feet.

Field Crew:

Surveyor: G. DuPre
Meter Operator: D. Kendall
Computer: D. Powel

YUKON ENERGY, MINES
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PO. BOX 2703
WHITEHORSE, YUKON Y1A 2G6

Michael M. Combe


Michael McCombe
Gravity Supervisor
Roving Exploration Services Ltd.

prospect but these are relatively weaker and smaller and less significant. Anomalies A and E are however considered bona fide and are considered to be of substantial magnitude. In each case they are supported by a number of readings, thus minimizing the possibility of instrument or human error.

Anomaly A has a closure of 0.6 milligals and Anomaly E has a closure of 0.5 milligals. Both anomalies appear to represent substantial density contrast in the subsurface, possibly due to the local presence of rock of relatively higher density than the surrounding country rock or from the presence of other relatively heavy material such as mineral deposits or a combination of the two representing possibly a mineralized basic intrusive, or a mineralized basement feature occurring closer to the surface.

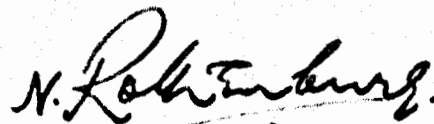
The A anomaly is approximately 450 feet long in an east-west direction and 200 feet wide. Anomaly E is about 300 feet long and ¹⁵⁰ feet wide. The anomalies labelled B, C, D and F are in the order of 2 or 3 milligals in closure and about 100 by 200 feet in dimension, except for D which is broader and flatter.

JTC;vc


John T. Cook, P.Geol.
ROVING EXPLORATION SERVICES LTD.

results from this phase of the suggested drilling program additional test drilling should be considered for the 'B' and 'C' anomalies.

Respectfully submitted,



N. Rothenburg, P.Geol.

* The following Exhibits are included with this report:

1. Bouguer gravity map - east portion of claims group.
2. Bouguer profiles along traverses 80.00E, 84.00E, 88.00E and east portion of base line traverse.
3. Residual gravity map around 'A' anomaly.

AREA DYNASTY YU KON.

ROVING EXPLORATION

PARTY GR. #1

CLIENT FRONTIER EXPL. LTD. GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .660 PROSPECT CORRECTION 1.22 MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
810.50E	4	BASE	3673.85	220.43	.00	101.13		321.56					
51E	4	"	3678.55	220.71	.00	101.03		321.74					
52E	4	"	3682.65	220.96	.00	100.75		321.75					
53E	5	"	3684.91	221.09	.00	100.75		321.75					
54E	5	"	3689.10	221.35	.00	100.39		321.73					
55E	5	"	3693.34	221.60	.00	100.19		321.79					
56E	5	"	3697.34	221.84	.00	100.00		321.84					
57E	5	"	3701.06	222.06	.00	99.72		321.78					
58E	5	"	3705.17	222.31	.00	99.43		321.74					
59E	5	"	3701.69	222.10	.00	99.24		321.39					
60E	5	"	3715.16	222.91	.00	98.95		321.86					
61E	5	"	3719.21	223.15	.00	98.77		321.92					
62E	5	"	3722.57	223.35	.00	98.49		321.84					
63E	5	"	3728.14	223.69	.00	98.39		322.08					
64E	5	"	3733.75	224.02	.00	98.00		322.02					
65E	5	"	3736.68	224.20	.00	97.97		322.02					
66E	5	"	3741.49	224.49	.00	97.45		321.94					
67E	5	"	3744.59	224.68	.00	97.45		322.13					
68E	6	"	3755.63	225.34	.00	96.97		322.31					
69E	6	"	3762.61	225.76	.00	96.69		322.45					
70E	6	"	3769.02	226.14	.00	96.27		322.36					
71E	6	"	3773.71	226.42	.00	95.94		322.36					
72E	6	"	3780.25	226.80	.00	95.65		322.45					
73E	6	"	3785.97	227.16	.00	95.27		322.43					
74E	6	"	3792.07	227.52	.00	94.99		322.51					
75E	6	"	3797.07	227.82	.00	94.60		322.42					
76E	6	"	3804.56	228.27	.00	94.20		322.47					
77E	6	"	3810.90	228.65	.00	93.95		322.60					
78E	6	"	3815.66	228.94	.00	93.57		322.51					
79E	7	"	3822.03	229.32	.00	93.29		322.61					
80E	7	"	3827.21	229.63	.00	92.91		322.54					
81E	7	"	3832.08	229.92	.00	92.62		322.54					
82E	7	"	3835.12	230.11	.00	92.53		322.64					
83E	7	"	3841.03	230.46	.00	92.25		322.71					
84E	7	"	3845.84	230.75	.00	91.96		322.71					
85E	7	"	3844.67	230.68	.00	91.95		322.63					
86E	7	"	3849.86	230.99	.00	91.77		322.76					
87E	7	"	3861.00	231.66	.00	91.20		322.86					
88E	7	"	3877.42	232.65	.00	90.17		322.82					
89E	7	"	3887.90	233.27	.00	89.42		322.69					
90E	7	"	3892.17	233.53	.00	89.32		322.85					
91E	8	"	3900.97	234.06	.00	88.79		322.85					
92E	8	"	3902.78	234.17	.00	88.47		322.64					

AREA DYNASTY, YUKON

ROVING EXPLORATION

PARTY GR. #1

CLIENT FRONTIER EXPL. LTD. GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .060 PROSPECT CORRECTION 100.00 MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
BL 0+00	1	BASE	3500.00	210.00	.00	108.98		318.98					
1.E.	1	"	3504.43	210.27	.00	108.72		318.97					
2.E.	1	"	3507.53	210.45	.00	108.66		319.11					
3.E.	1	"	3510.51	210.63	.00	108.49		319.11					
4.E.	1	"	3513.37	210.80	.00	108.39		319.19					
5.E.	1	"	3515.81	210.95	.00	108.22		319.17					
6.E.	1	"	3519.08	211.14	.00	108.04		319.18					
7.E.	1	"	3521.02	211.26	.00	107.95		319.21					
8.E.	1	"	3523.76	211.59	.00	107.88		319.47					
9.E.	1	"	3529.45	211.77	.00	107.70		319.47					
10.E.	1	"	3532.60	211.96	.00	107.54		319.50					
11.E.	1	"	3535.02	212.10	.00	107.34		319.44					
12.E.	1	"	3538.09	212.29	.00	107.27		319.56					
13.E.	1	"	3540.50	212.43	.00	107.11		319.59					
14.E.	1	"	3542.95	212.55	.00	107.11		319.66					
15.E.	1	"	3544.63	212.69	.00	107.13		319.81					
16.E.	2	"	3547.23	212.83	.00	107.17		320.00					
17.E.	2	"	3549.56	212.97	.00	107.08		320.05					
18.E.	2	"	3553.48	213.21	.00	106.81		320.02					
19.E.	2	"	3557.28	213.43	.00	106.63		320.06					
20.E.	2	"	3562.30	213.74	.00	106.38		320.12					
21.E.	2	"	3564.29	213.86	.00	106.40		320.26					
22.E.	2	"	3569.34	214.16	.00	106.07		320.18					
23.E.	2	"	3573.39	214.40	.00	106.05		320.45					
24.E.	2	"	3575.00	214.50	.00	105.69		320.19					
25.E.	2	"	3584.17	215.05	.00	105.42		320.47					
26.E.	2	"	3586.96	215.22	.00	105.43		320.65					
27.E.	2	"	3592.26	215.54	.00	105.17		320.71					
28.E.	2	"	3597.51	215.85	.00	104.81		320.66					
29.E.	3	"	3602.15	216.13	.00	104.72		320.85					
30.E.	3	"	3604.13	216.25	.00	104.68		320.93					
31.E.	3	"	3607.74	216.46	.00	104.51		320.97					
32.E.	3	"	3610.19	216.61	.00	104.60		321.21					
33.E.	3	"	3613.71	216.82	.00	104.45		321.27					
34.E.	3	"	3615.44	216.93	.00	104.27		321.20					
35.E.	3	"	3626.11	217.57	.00	103.55		321.12					
36.E.	3	"	3630.36	217.82	.00	103.37		321.19					
37.E.	3	"	3635.34	218.12	.00	102.54		320.66					
38.E.	3	"	3635.41	218.12	.00	103.30		321.42					
39.E.	3	"	3639.64	218.38	.00	103.04		321.42					
40.E.	4	"	3643.00	218.58	.00	102.97		321.55					
41.E.	4	"	3647.40	218.84	.00	102.61		321.45					
42.E.	4	"	3650.52	219.03	.00	102.52		321.55					
43.E.	4	"	3652.73	219.16	.00	102.34		321.50					
44.E.	4	"	3655.64	219.34	.00	102.27		321.61					
45.E.	4	"	3658.71	219.52	.00	102.00		321.52					
46.E.	4	"	3661.55	219.69	.00	101.93		321.62					
47.E.	4	"	3662.74	219.73	.00	101.87		321.60					
48.E.	4	"	3665.54	219.93	.00	101.69		321.62					
49.E.	4	"	3668.70	220.12	.00	101.51		321.63					

AREA DYNASTY, YUKON

ROVING EXPLORATION

PARTY GR. #1

CLIENT IMMEDIATE EXP. LTD. GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .060 PROSPECT CORRECTION _____ MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
1 S	12	O.E.	3483.91	209.39	.02	110.32		319.12					
2 S	12	"	3483.29	209.00	.04	110.59		319.63					
3 S	12	"	3463.25	207.80	.06	111.82		319.68					
4 S	12	"	3454.30	207.26	.08	112.24		319.62					
5 S	12	"	3459.67	207.58	.10	111.81		319.99					
6 S	12	"	3454.87	207.29	.12	112.09		319.50					
7 S	12	"	3447.12	206.83	.14	112.56		319.53					
8 S	12	"	3436.83	206.21	.16	112.95		319.30					
9 S	12	"	3425.14	205.51	.18	113.69		319.38					
10 S	12	"	3418.04	205.08	.20	113.69		318.97	?				
11 S	12	"	3418.19	205.09	.22	113.59		318.94					
12 S	13	"	3415.57	204.93	.24	113.69		318.86					
13 S	13	"	3419.16	205.15	.26	113.48		318.89					
14 S	13	"	3422.04	205.32	.28	113.30		318.90					
15 S	13	"	3426.62	205.60	.30	113.01		318.91					
16 S	13	"	3429.57	205.77	.32	112.82		318.91					
17 S	13	"	3432.28	205.94	.34	112.72		319.00					
18 S	13	"	3436.06	206.16	.36	112.54		319.06					
19 S	13	"	3440.45	206.43	.38	112.24		319.05					
20 S	13	"	3444.50	206.67	.40	112.05		319.12					
21 S	13	"	3447.55	206.85	.42	111.96		319.23					
22 S	13	"	3444.60	206.28	.44	111.58		319.30					
23 S	13	"	3457.15	207.43	.46	111.39		319.28					
24 S	13	"	3462.83	207.77	.48	111.11		319.36					
25 S	14	"	3467.83	208.07	.50	111.11		319.68					
26 S	14	"	3467.67	208.06	.52	110.92		319.50					
27 S	14	"	3470.22	208.21	.54	110.91		319.66					
28 S	14	"	3475.34	208.52	.56	110.73		319.81					
29 S	14	"	3479.21	208.76	.58	110.26		319.60					
30 S	14	"	3483.49	209.01	.60	110.45		319.76					
1.E.	14	30.S	3488.25	209.30	.60	109.86		319.26					
2.E.	14	30.S	3492.23	209.53	.60	109.57		319.70					
3.E.	14	30.S	3492.85	209.57	.60	109.57		319.74					
4.E.	14	30.S	3497.46	209.62	.60	109.30		319.78					
1 S	17	A.E.	3498.20	209.89	.02	109.88		319.79					
2 S	17	"	3491.11	209.47	.04	109.79		319.30	?				
3 S	17	"	3485.31	209.12	.06	110.45		319.63					
4 S	17	"	3480.43	208.83	.08	110.55		319.46					
5 S	16	"	3476.83	208.61	.10	110.64		319.35					
6 S	16	"	3469.01	208.14	.12	111.11		319.37					
7 S	16	"	3460.99	207.66	.14	111.59		319.39					
8 S	16	"	3461.69	207.10	.16	111.88		319.14					
9 S	16	"	3442.39	206.54	.18	112.63		319.35					
10 S	16	"	3430.50	206.43	.20	112.91		319.54					
11 S	16	"	3429.90	205.80	.22	112.82		318.84					
12 S	16	"	3430.46	205.83	.24	112.82		318.84					
13 S	16	"	3432.03	205.92	.26	112.74		318.92					
14 S	16	"	3434.62	206.08	.28	112.55		318.91					
15 S	16	"	3436.32	206.18	.30	112.55		319.03					
16 S	16	"	3446.55	206.79	.32	111.89		319.00					

AREA DYNASTY YUKON

ROVING EXPLORATION

PARTY _____

CLIENT FRONTIER EXPL. LTD. GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR _____ PROSPECT CORRECTION _____ MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
17S	16	4E	34476.3	206.86	.31	111.89	.	319.09					
18S	16	"	3450.09	202.03	.36	111.81		319.20					
19S	15	"	3455.61	202.39	.38	111.43		319.15					
20S	15	"	3462.55	202.25	.40	111.15		319.30					
21S	15	"	3468.14	208.09	.42	110.51		319.02					
22S	15	"	3472.12	208.33	.44	110.40		319.07					
23S	15	"	3471.19	208.22	.46	110.59		319.32					
24S	15	"	3473.95	208.44	.47	110.31		319.23					
25S	15	"	3476.51	208.59	.50	110.23		319.32					
26S	15	"	3478.51	208.21	.52	110.13		319.36					
27S	15	"	3480.71	208.84	.54	109.75		319.33					
28S	15	"	3485.75	209.16	.56	109.57		319.29					
29S	15	"	3487.23	209.23	.58	109.57		319.38					
30S	15	"	3497.05	209.82	.60	109.30		319.22					
1S	17	8E	3520.13	211.21	.02	108.74		319.97					
2S	17	"	3512.58	210.25	.04	109.30		320.09	7				
3S	17	"	3508.00	210.48	.06	109.79		319.93					
4S	17	"	3503.10	210.19	.08	109.57		319.84					
5S	17	"	3494.15	209.65	.10	109.95		319.20					
6S	17	"	3488.85	209.33	.12	110.23		319.68					
7S	17	"	3479.91	208.80	.14	110.69		319.63					
8S	18	"	3470.78	208.25	.16	111.26		319.67					
9S	18	"	3463.21	202.29	.18	111.63		319.60					
10S	18	"	3454.03	202.24	.20	112.29		319.23					
11S	18	"	3453.26	202.20	.22	112.29		319.21					
12S	18	"	3455.15	202.31	.24	112.09		319.64					
13S	18	"	3455.86	202.35	.26	112.09		319.20					
14S	18	"	3455.54	202.33	.28	112.28		319.89					
15S	18	"	3458.30	202.50	.30	112.58		319.88					
16S	18	"	3466.14	202.92	.32	111.99		320.28					
17S	18	"	3462.50	202.25	.34	111.99		320.08					
18S	18	"	3466.85	208.01	.36	111.80		320.12					
19S	18	"	3469.79	208.19	.38	111.79		320.36					
20S	18	"	3477.04	208.62	.40	110.95		319.97	7				
21S	19	"	3481.83	208.91	.42	110.95		320.28					
22S	19	"	3488.86	209.33	.44	110.85		320.42					
23S	19	"	3494.73	209.68	.46	110.37		320.51					
24S	19	"	3498.73	209.93	.48	110.10		320.51					
25S	19	"	3502.63	210.16	.50	109.98		320.64					
26S	19	"	3506.51	210.39	.52	109.61		320.52					
27S	19	"	3510.49	210.63	.54	109.33		320.50					
28S	19	"	3511.31	210.68	.56	109.33		320.57					
29S	19	"	3512.23	210.73	.58	109.32		320.63					
30S	19	"	3515.68	210.94	.60	108.95		320.49					
9E	22	30S	3524.93	211.50	.60	108.95		321.05					
10E	22	30S	3530.98	211.86	.60	108.75		321.21					
11E	22	30S	3533.05	211.98	.60	108.75		321.33					

AREA DYNASTY, YUKON

ROVING EXPLORATION

PARTY _____

CLIENT FRONTIER EXPL. LTD.

GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR _____

PROSPECT CORRECTION _____

MG _____

COMP. BY _____

CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
15	20	12E	353284	211.92	.02	107.92		319.91					
25	20	"	352606	211.56	.04	108.50		319.90					
35	20	"	351929	211.16	.06	108.86		320.08					
45	20	"	351543	210.93	.08	109.14		320.15					
55	20	"	3510.36	210.62	.10	109.35		320.05					
65	20	"	3504.15	210.25	.12	109.79		320.16					
75	20	"	3496.07	209.76	.14	110.22		320.17					
85	20	"	3487.75	209.27	.16	110.75		320.18					
95	20	"	3483.43	209.00	.18	110.76		319.94	?				
105	20	"	3479.65	208.78	.20	110.04		320.02					
115	20	"	3467.97	208.08	.22	111.89		320.19					
125	20	"	3464.46	207.87	.24	112.17		320.28					
135	20	"	3467.53	208.05	.26	111.80		320.11					
145	21	"	3470.26	208.22	.28	111.72		320.22					
155	21	"	3473.90	208.43	.30	111.44		320.17	?				
165	21	"	3477.99	208.68	.32	111.34		320.34					
175	21	"	3482.24	208.93	.34	111.06		320.33					
185	21	"	3483.10	208.99	.36	111.06		320.41					
195	21	"	3486.33	209.18	.38	110.78		320.35	?				
205	21	"	3492.58	209.55	.40	110.51		320.46					
215	21	"	3498.64	209.92	.42	110.23		320.57					
225	21	"	3508.52	210.51	.44	109.67		320.62					
235	21	"	3512.73	210.76	.46	109.38		320.60					
245	21	"	3513.16	210.79	.48	109.59		320.86					
255	22	"	3522.90	211.37	.50	109.30		321.17					
265	22	"	3526.47	211.59	.52	109.21		321.32					
275	22	"	3531.91	211.91	.54	109.83		321.88					
285	22	"	3534.85	212.09	.56	108.61		321.29					
295	22	"	3536.18	212.17	.58	108.65		321.40					
305	22	"	3540.12	212.41	.60	108.37		321.38					
15	23	16E	3541.83	212.51	.02	107.80		320.55	?				
25	23	"	3538.32	212.30	.04	108.08		320.42					
35	23	"	3532.24	211.93	.06	108.64		320.63					
45	23	"	3528.02	211.68	.08	109.01		320.77					
55	23	"	3523.29	211.40	.10	109.38		320.88					
65	23	"	3519.23	211.15	.12	109.75		321.02	?				
75	23	"	3516.88	211.01	.14	109.74		320.99					
85	23	"	3510.12	210.61	.16	109.93		320.70					
95	23	"	3500.59	210.09	.18	110.41		320.88					
105	23	"	3493.59	209.62	.20	111.06		320.88					
115	23	"	3485.33	209.02	.22	111.43		320.77					
125	23	"	3489.83	209.39	.24	111.79		321.42	?				
135	24	"	3481.32	208.83	.26	111.32		320.46					
145	24	"	3484.79	209.09	.28	111.22		320.59					
155	24	"	3487.57	209.25	.30	111.22		320.77					
165	24	"	3493.31	209.60	.32	110.93		320.55					
175	24	"	3498.31	209.90	.34	110.55		320.79	?				
185	24	"	3502.47	210.15	.36	110.35		320.86					
195	24	"	3505.37	210.32	.38	110.26		320.96					
205	24	"	3513.97	210.84	.40	109.52		320.76					

AREA DYNASTY, YUKON

ROVING EXPLORATION

PARTY GR. #1

CLIENT FRONTIER EXPL. LTD. GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR _____

PROSPECT CORRECTION _____

MG _____

COMP. BY _____

CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
265	25	16E	3537.95	212.28	.52	108.26		321.06					
275	25	"	3541.57	212.48	.54	107.97		320.97					
285	25	"	3544.64	212.68	.56	107.79		321.03					
295	25	"	3550.47	213.03	.59	107.39		321.00					
305	25	"	3553.07	213.18	.60	106.93		320.70					
315	25	"	3559.03	213.54	.62			320.55					
15	25	20E	3557.90	213.47	.62	107.06		320.53	✓				
25	25	"	3552.05	213.12	.04	107.45		320.60					
35	25	"	3546.85	212.81	.06	108.10		320.97	?				
45	25	"	3544.30	212.66	.08	108.10		320.84					
55	25	"	3536.97	212.22	.10	108.59		320.91					
65	25	"	3533.43	212.01	.12	109.05		321.18					
75	25	"	3529.18	211.75	.14	108.87		320.76	?				
85	26	"	3523.98	211.44	.16	109.53		321.13					
95	26	"	3516.05	210.96	.18	110.11		321.25					
105	26	"	3517.80	211.07	.20	110.11		321.38					
115	26	"	3508.25	210.50	.22	110.30		321.02	?				
125	26	"	3504.05	210.21	.24	110.67		321.15					
135	26	"	3503.82	210.23	.26	110.69		321.17					
145	26	"	3503.33	210.20	.28	110.51		320.99					
155	26	"	3509.22	210.55	.30	110.25		321.08					
165	26	"	3511.55	210.69	.32	110.25		321.24					
175	26	"	3513.42	210.81	.34	109.96		321.11					
185	26	"	3519.07	211.44	.36	109.49		320.99					
195	26	"	3527.53	211.65	.38	109.82		321.05					
205	27	"	3532.48	211.95	.40	108.65		321.01					
215	27	"	3535.95	212.16	.42	108.44		321.06					
225	27	"	3538.89	212.33	.44	108.20		320.97	?				
235	27	"	3541.28	212.66	.46	107.90		321.02					
245	27	"	3547.25	212.83	.48	107.75		321.06					
255	27	"	3554.38	213.26	.50	107.26		321.02					
265	27	"	3558.99	213.54	.52	106.99		321.05					
275	27	"	3562.55	213.75	.54	106.89		321.28					
285	27	"	3566.07	213.96	.56	106.72		321.24					
295	27	"	3571.22	214.27	.58	106.24		321.09	?				
305	27	"	3572.30	214.34	.60								
315	27	"	3573.51		.62								
17E	28	31S	3559.38	213.56	.62	106.45		320.85					
18E	28	31S	3566.28	213.98	.62	106.16		320.76					
19E	28	31S	3570.71	214.21	.62	106.15		321.61					
15	28	24E	3570.57	214.23	.02	106.59		320.95					
25	"	"	3571.14	214.27	.04	106.58		320.89					
35	"	"	3563.67	213.82	.06	107.05		320.95					
45	"	"	3558.22	213.49	.08	107.61		321.18					
55	"	"	3562.50	213.75	.10	107.61		321.46	?				
65	"	"	3551.00	213.06	.12	107.89		321.07					
75	"	"	3548.00	212.88	.14	108.68		321.10					
85	29	"	3545.21	212.17	.16	108.36		320.69					

AREA DYNASTY, YUKON

ROVING EXPLORATION

PARTY G.R. #1

CLIENT FRONTIER EXPL. LTD.

GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR _____

PROSPECT CORRECTION _____

MG _____

COMP. BY _____

CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
105	29	245	353753	212.25	.20	108.83		321.24					
115	"	"	353979	212.58	.22	108.82		321.12					
125	"	"	353953	211.83	.24	109.10		321.17					
135	"	"	353927	211.62	.26	109.19		321.07					
145	"	"	353701	211.62	.28	109.19		321.04					
155	"	"	352950	211.79	.30	108.63		320.72					
165	"	"	352606	211.68	.32	108.91		320.91					
175	"	"	353018	211.81	.34	108.90		321.05	7				
185	"	"	353705	212.22	.36	108.43		321.01					
195	"	"	354071	212.41	.38	107.96		320.75	7				
205	"	"	354543	212.73	.40	107.81		321.00					
215	"	"	355233	213.14	.42	107.49		321.05					
225	"	"	355857	213.51	.44	107.02		320.87					
235	30	"	356376	213.83	.46	106.74		321.03					
245	"	"	356857	214.11	.48	106.44		321.03					
255	"	"	357160	214.30	.50	106.17		320.97					
265	"	"	357775	214.66	.52	105.79		320.97					
275	"	"	358013	214.81	.54	105.60		320.95					
285	"	"	358570	215.10	.56	105.22		320.88					
295	"	"	358806	215.28	.58	105.22		320.71					
305	"	"	359146	215.49	.60	105.04		321.13	7				
255	30	305	359765	215.86	.60	104.57		321.33					
265	30	305	360329	216.20	.60	104.23		321.08					
275	30	305	3608.11	216.49	.60	104.18		321.27					
15	32	28E	3593.24	215.61	.62	105.45		321.28					
25	"	"	3591.42	215.49	.64	105.65		321.12					
35	"	"	359397	215.64	.66	105.37		321.13					
45	"	"	359022	215.40	.67	105.74		321.22					
55	"	"	358320	214.99	.70	106.11		321.20					
65	"	"	358033	214.82	.72	106.50		321.79					
75	"	"	357780	214.67	.74	106.68		321.49	7				
85	"	"	357350	214.41	.76	106.70		321.27					
95	"	"	357166	214.30	.78	106.88		321.36					
105	"	"	356936	214.16	.80	106.78		321.22	7				
115	"	"	3564.12	213.85	.82	107.33		321.43					
125	"	"	3560.99	213.66	.84	107.33		321.44					
135	"	"	3557.50	213.45	.86	107.54		321.23					
145	"	"	3557.06	213.43	.88	107.49		321.20					
155	"	"	3556.92	213.42	.90	107.45		321.17					
165	31	"	3552.26	213.14	.92	107.55		321.01					
175	"	"	3552.68	213.16	.94	107.55		321.05					
185	"	"	3559.02	213.54	.96	107.07		320.97					
195	"	"	3559.65	213.58	.98	107.16		321.12	7				
205	"	"	3565.03	213.40	1.00	106.81		321.17					
215	"	"	3571.82	214.31	1.02	106.52		321.23					
225	"	"	3577.24	214.63	1.04	105.95		321.02	7				
235	"	"	3579.97	214.80	1.06	105.95		321.21					
245	"	"	3587.17	215.23	1.08	105.48		321.19					

AREA WINDY, WYRON
 CLIENT WINDY, WYRON

ROVING EXPLORATION
GRAVITY COMPUTATION SHEET

PARTY GP #1
 PARTY CHIEF _____
 COMP. BY _____
 CHK. BY _____

ELEVATION CORRECTION FACTOR _____ PROSPECT CORRECTION _____ MG

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
255	31	225	359237	215.51	.50	105.02		321.06					
265	"	"	359215	215.86	.52	104.74		321.12					
275	"	"	359312	215.89	.54	104.93		321.36					
285	"	"	360407	216.25	.56	104.55		321.36					
295	"	"	360919	216.55	.58	104.08		321.21					
15	33	325	360725	216.49	.02	104.96		321.42					
25	"	"	360897	216.59	.04	104.68		321.26					
35	"	"	360620	216.32	.06	105.05		321.48					
45	"	"	360460	216.28	.08	105.14		321.50	?				
55	"	"	360234	216.18	.10	105.14		321.50					
65	"	"	359826	215.90	.12	105.51		321.42	?				
75	"	"	358554	215.13	.14	105.61		320.80	?				
85	"	"	358430	215.06	.16	105.60		320.82	?				
95	"	"	358350	215.00	.18	105.33		320.98	?				
105	"	"	358031	214.82	.20	105.39		320.91					
115	"	"	357732	214.69	.22	105.82		320.74					
125	"	"	357625	214.52	.24	106.06		320.87					
135	"	"	357524	214.43	.26	106.25		320.89					
145	"	"	357218	214.33	.28	106.25		320.86					
155	"	"	356904	214.14	.30	106.52		320.76					
165	34	"	356777	214.07	.32	106.52		320.91					
175	"	"	356939	214.19	.34	106.33		320.86					
185	"	"	357261	214.36	.36	106.12		320.85					
195	"	"	357636	214.58	.38	105.86		320.82					
205	"	"	357716	214.63	.40	105.56		320.89					
215	"	"	358130	214.88	.42	105.62		320.97					
225	"	"	358534	215.12	.44	105.32		320.93					
235	"	"	359572	215.62	.46	104.91		320.99					
245	"	"	360182	216.11	.48	104.16		320.75					
255	"	"	360296	216.18	.50	104.42		321.10	?				
265	"	"	360954	216.55	.52	103.96		321.03	?				
275	"	"	361525	216.92	.54	103.49		320.95					
285	"	"	362178	217.31	.56	103.10		320.97					
295	35	"	363675	218.21	.58	102.82		321.61					
305	"	"	364176	218.51	.60	102.54		321.65					
315													
325													
335	35	305	364814	218.89	.62	102.06		321.55					
345	35	305	365202	219.13	.60	101.68		321.41	?				
355	35	305	365655	219.39	.60	101.59		321.58					
365													
15	37	325	362703	217.62	.02	104.05		321.69	?				
25	"	"	362503	217.50	.04	104.06		321.60					
35	"	"	362514	217.51	.06	104.06		321.63					
45	"	"	362576	217.55	.08	103.87		321.50					
55	"	"	362175	217.31	.10	104.35		321.76	?				
65	"	"	362030	217.22	.12	104.08		321.42	?				
75	"	"	361850	217.13	.14	104.33		321.62					
85	"	"	361726	217.04	.16	104.35		321.65					
95	"	"	361498	216.90	.18	104.36		321.44	?				

AREA DYNASTY, YUKON

ROVING EXPLORATION

PARTY GR #1

CLIENT FRONTIER EXPL. LTD.

GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR 260

PROSPECT CORRECTION _____

MG

COMP. BY _____

CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
10 S	36	36E	3613.64	216.62	.20	104.36		321.38		?			
11 S	"	"	3611.74	216.70	.22	104.74		321.60					
12 S	"	"	3609.63	216.58	.24	104.92		321.74					
13 S	"	"	3608.34	216.50	.26	104.94		321.70					
14 S	"	"	3604.36	216.26	.28	105.30		321.84					
15 S	"	"	3601.42	216.09	.30	105.22		321.61		?			
16 S	"	"	3601.12	216.07	.32	105.41		321.80					
17 S	"	"	3600.16	216.01	.34	105.73		321.48		?			
18 S	"	"	3602.26	216.14	.36	105.13		321.63					
19 S	"	"	3602.43	216.15	.38	105.04		321.57					
20 S	"	"	3604.98	216.30	.40	105.04		321.74					
21 S	"	"	3608.90	216.53	.42	104.58		321.53		?			
22 S	"	"	3615.07	216.90	.44	104.39		321.73					
23 S	"	"	3619.62	217.18	.46	104.02		321.66					
24 S	35	"	3628.97	217.21	.48	103.27		321.49					
25 S	"	"	3632.44	217.95	.50	103.27		321.52					
26 S	"	"	3639.20	218.35	.52	102.80		321.67					
27 S	"	"	3642.93	218.58	.54	102.52		321.64					
28 S	"	"	3652.01	219.00	.56	101.95		321.57					
29 S	"	"	3656.54	219.39	.58	101.59		321.56					
30 S	"	"	3660.50	219.62	.60								
1 S	37	40E	3643.82	218.83	.02	102.83		321.48		?			
2 S	"	"	3642.86	218.57	.04	103.01		321.57					
3 S	"	"	3643.50	218.61	.06	103.01		321.68					
4 S	"	"	3641.44	218.49	.08	103.20		321.77					
5 S	"	"	3640.51	218.43	.10	103.20		321.7		?			
6 S	"	"	3639.69	218.39	.12	103.20		321.71					
7 S	"	"	3638.01	218.28	.14	103.30		321.72					
8 S	38	"	3636.71	218.20	.16	103.30		321.66					
9 S	"	"	3634.12	218.05	.18	103.30		321.53		?			
10 S	"	"	3631.90	217.91	.20	103.76		321.87					
11 S	"	"	3629.73	217.78	.22	103.95		321.95					
12 S	"	"	3627.12	217.63	.24	104.06		321.93					
13 S	"	"	3624.39	217.46	.26	104.14		321.86					
14 S	"	"	3622.51	217.35	.28	104.14		321.77					
15 S	"	"	3622.80	217.37	.30	104.05		321.72					
16 S	"	"	3623.16	217.39	.32	104.06		321.77					
17 S	"	"	3622.81	217.33	.34	104.04		321.71					
18 S	"	"	3623.39	217.40	.36	103.95		321.71					
19 S	"	"	3625.26	217.52	.38	103.95		321.85					
20 S	"	"	3631.82	217.91	.40	103.38		321.73					
21 S	"	"	3636.02	218.16	.42	103.20		321.78					
22 S	"	"	3640.86	218.45	.44	102.83		321.72					
23 S	"	"	3646.75	218.81	.46	102.86		321.63					
24 S	39	"	3653.36	219.20	.48	101.97		321.65					
25 S	"	"	3657.26	219.44	.50	101.79		321.73					
26 S	"	"	3662.20	219.23	.52	101.51		321.76		?			
27 S	"	"	3667.21	220.03	.54	101.13		321.70					
28 S	"	"	3674.35	220.46	.56	100.67		321.69					

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AREA DYNASTY YUKON

ROVING EXPLORATION

PARTY GP. #1

CLIENT FRONTIER EXPL. LTD. GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .060 PROSPECT CORRECTION 100.00 MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
295	29	40E	3682.81	220.97	.58	100.19		321.73					
325	"	"	3688.76	221.33	.60	99.72		321.65					
315	"	"	3695.69	221.24	.62	99.31		321.70					
41E	"	31S	3701.09	222.07	.62	98.98		321.67					
42E	"	31S	3709.03	222.54	.61	98.60		321.75					
43E	"	31S	3715.93	222.89	.60	98.32		321.76					
15.	41	44E	3657.22	219.93	.04	102.26		321.71		?			
25.	"	"	3656.31	219.38	.04	102.35		321.77					
35.	"	"	3658.55	219.51	.06	102.26		321.83					
45	"	"	3657.26	219.49	.09	102.26		321.78					
55	"	"	3657.54	219.45	.10	102.36		321.91					
65	"	"	3656.66	219.40	.12	102.36		321.88					
75	"	"	3655.84	219.35	.11	102.35		321.84		?			
85	"	"	3655.00	219.30	.16	102.54		322.00					
95	"	"	3654.07	219.24	.19	102.44		321.91					
105	"	"	3652.16	219.19	.20	102.44		321.77					
115	"	"	3651.10	219.07	.22	102.67		321.92					
125	"	"	3648.37	218.90	.24	102.97		322.06		2.			
135	"	"	3646.08	218.26	.26	102.92		321.94		?			
145	"	"	3644.13	218.65	.27	103.20		322.13		?			
155	"	"	3642.49	218.55	.30	103.01		321.86					
165	"	"	3644.83	218.69	.32	102.83		321.84					
175	"	"	3644.70	218.68	.34	102.83		321.85					
185	"	"	3643.51	218.61	.36	102.83		321.80					
195	"	"	3650.10	219.01	.58	102.36		321.75					
205	40	"	3651.97	219.12	.70	102.36		321.88					
215	"	"	3659.80	219.59	.72	101.98		321.89					
225	"	"	3665.85	219.95	.74	101.51		321.90					
235	"	"	3669.61	220.18	.76	101.22		321.88					
245	"	"	3673.53	220.41	.78	100.94		321.83					
255	"	"	3680.93	220.86	.50	100.67		322.03					
265	"	"	3689.39	221.36	.52	100.00		321.88					
275	"	"	3691.68	221.50	.54	99.82		321.86					
285	"	"	3698.79	221.93	.56	99.43		321.92					
295	"	"	3706.88	222.41	.58	98.78		321.77					
305	"	"	3711.53	222.69	.60	98.50		321.79					
15	42	48E	3666.54	219.99	.02	101.59		321.60					
25	"	"	3665.36	219.92	.04	101.87		321.83					
35	"	"	3667.52	220.05	.06	101.87		321.98					
45	"	"	3665.82	219.95	.08	101.68		321.71		?			
55	"	"	3666.12	219.97	.10	101.68		321.75					
65	"	"	3665.95	219.96	.12	101.68		321.78					
75	"	"	3666.55	219.99	.14	101.68		321.88					
85	"	"	3667.57	220.05	.16	101.67		321.88					
95	"	"	3669.18	220.15	.18	101.67		322.00					
105	"	"	3670.16	220.20	.20	101.48		321.88					
115	"	"	3672.47	220.35	.22	101.29		321.86					

AREA DYNASTY YUKON

ROVING EXPLORATION

PARTY Gr. #1

CLIENT FRONTIER EXPL. LTD.

GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .660

PROSPECT CORRECTION 100.00 MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
12S	42	48E	3671.42	220.29	.24	101.29		321.82					
13S	"	"	3671.72	220.31	.26	101.20		321.77					
14S	"	"	3670.97	220.26	.28	101.39		321.93					
15S	"	"	3669.93	220.20	.30	101.38		321.88					
16S	"	"	3670.51	220.23	.32	101.19		321.94					
17S	"	"	3672.90	220.33	.34	101.11		321.78					
18S	"	"	3675.40	220.52	.36	100.81		321.64					
19S	"	"	3681.04	220.86	.38	100.49		321.68					
20S	43	"	3687.04	221.22	.40	100.19		321.81					
21S	"	"	3693.99	221.64	.42	99.59		321.65					
22S	"	"	3698.99	221.94	.44	99.21		321.59					
23S	"	"	3704.93	222.30	.46	99.02		321.78					
24S	"	"	3710.82	222.65	.48	98.56		321.69					
25S	"	"	3716.46	222.99	.50	98.27		321.78					
26S	"	"	3722.04	223.32	.52	97.89		321.73					
27S	"	"	3727.52	223.72	.54	97.33		321.64					
28S	"	"	3733.94	224.04	.56	97.23		321.83					
29S	"	"	3741.12	224.42	.58	96.85		321.90					
30S	"	"	3746.15	224.72	.60	96.67		322.04					
20+35	"	"	3748.81	224.93	.61	95.7							
49E	44	50E	3759.43	225.52	.61	95.73		321.91					
50E	"	"	3767.92	226.08	.61	95.25		321.94					
51E	"	"	3776.34	226.58	.61	94.77		321.96					
1S	46	52E	3681.12	220.89	.07	100.85		321.74					
2S	"	"	3681.16	220.87	.1	100.94		321.74					
3S	"	"	3679.99	220.80	.06	101.04		321.90					
4S	"	"	3679.76	220.28	.09	101.04		321.90					
5S	"	"	3679.42	220.22	.10	101.04		321.91					
6S	"	"	3682.06	220.92	.12	101.04		322.08					
7S	"	"	3680.74	220.84	.14	101.04		322.02					
8S	"	"	3682.32	220.91	.16	100.86		321.96					
9S	45	"	3685.20	221.11	.18	100.68		321.97					
10S	"	"	3689.16	221.35	.20	100.39		321.94					
11S	"	"	3691.17	221.47	.22	100.11		321.80 ?					
12S	"	"	3693.93	221.64	.24	100.11		321.99					
13S	"	"	3696.61	221.80	.26	99.91		321.97					
14S	"	"	3698.84	221.93	.28	99.75		321.96					
15S	"	"	3698.63	221.92	.30	99.74		321.94					
16S	"	"	3700.02	222.00	.32	99.55		321.87					
17S	"	"	3699.79	221.99	.34	99.37		321.70 ?					
18S	"	"	3702.93	222.18	.36	99.25		321.79					
19S	"	"	3710.93	222.66	.38	99.09		322.13					
20S	"	"	3717.57	222.69	.40	98.80		321.89					
21S	"	"	3727.92	223.07	.42	98.43		321.92					
22S	"	"	3726.02	223.56	.44	97.87		321.87					
23S	44	"	3733.59	224.01	.46	97.57		322.04					
24S	"	"	3738.13	224.29	.48	97.21		321.98					
25S	"	"	3741.84	224.51	.50	96.74		321.85 ?					

AREA DUNSTON MOUNTAIN

ROVING EXPLORATION

PARTY Col. #1

CLIENT FRONTIER ENERGY LTD. GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .060 PROSPECT CORRECTION 100.00 MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
265	44	52E	3752.38	225.14	.52	96.27		321.93					
275	"	"	3755.14	225.31	.54	96.09		321.99		Recheck			
285	"	"	3761.44	225.69	.56	95.81		322.06					
295	"	"	3767.13	226.03	.56	95.52		322.13					
305	"	"	3775.45	226.53	.60	94.77		321.90					
315	"	"	3778.33	226.70	.61			322.34					
15	46	56E	3695.79	221.85	.02	100.19		322.06					
25	"	"	3697.17	221.83	.04	100.18		322.05					
35	"	"	3696.30	221.78	.06	100.19		322.03					
45	"	"	3695.49	221.73	.08	100.19		322.00					
55	"	"	3695.99	221.76	.10	100.11		322.05					
65	"	"	3696.15	221.77	.12	100.19		322.08					
75	"	"	3697.36	221.84	.14	100.19		322.17					
85	"	"	3700.40	222.02	.16	99.89		322.07					
95	"	"	3703.64	222.30	.18	99.60		322.08					
105	47	"	3708.69	222.52	.20	99.33		322.05					
115	"	"	3714.09	222.85	.22	99.94		322.01					
125	"	"	3719.61	223.18	.24	99.44		321.91					
135	"	"	3722.85	223.38	.26	99.51		322.02					
145	"	"	3726.62	223.60	.28	99.19		322.07					
155	"	"	3730.61	223.34	.30	97.81		321.95					
165	"	"	3735.25	224.11	.32	97.81		322.24					
175	"	"	3735.58	224.14	.34	97.61		322.10					
185	"	"	3735.64	224.12	.36	97.62		322.10					
195	"	"	3735.67	224.14	.38	97.62		322.14					
205	"	"	3735.17	224.43	.40	96.98		321.90					
215	"	"	3735.20	224.95	.42	96.71		322.16					
225	"	"	3735.15	225.31	.44	96.40		322.15					
235	48	"	3760.78	225.65	.46	95.95		322.01					
245	"	"	3770.25	226.22	.48	95.95		322.15					
255	"	"	3778.87	226.73	.50	94.97		322.21					
265	"	"	3786.04	227.16	.52	94.51		322.14					
275	"	"	3791.61	227.50	.54	94.22		322.26					
285	"	"	3800.59	228.04	.56	93.56		322.13					
295	"	"	3807.51	228.45	.58	93.10		322.13					
305	"	"	3811.72	228.70	.60	92.72		322.02					
57E	49	30S	3822.31	229.34	.60	92.25		322.19					
58E	"	"	3832.81	229.97	.60	91.68		322.25					
59E	"	"	3847.64	230.86	.60	90.83		322.29					
15	51	60E	3714.17	222.85	.04	99.97		321.84					
25	"	"	3712.74	222.70	.04	99.26		322.06					
35	"	"	3710.73	222.61	.06	99.35		322.02					
45	"	"	3711.99	222.72	.08	99.35		322.15					
58	"	"	3714.17	222.85	.10	99.16		322.11					
65	"	"	3715.57	222.94	.12	99.16		322.22					
75	"	"	3718.81	223.13	.14	98.77		322.04					
85	"	"	3720.88	223.25	.16	98.70		322.04					

AREA DYNASTY YUKON

ROVING EXPLORATION

PARTY GR. #1

CLIENT FRONTIER EXPL. LTD.

GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .060

PROSPECT CORRECTION 100.00 MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
95	51	60E	372686	223.61	.18	98.42		322.21					
105	50	"	373406	224.04	.20	97.76		322.00					
115	"	"	374092	224.45	.22	97.57		322.21					
125	"	"	374540	224.72	.24	97.20		322.16					
135	"	"	375168	225.10	.26	97.57		322.83	2.				
145	"	"	375725	225.43	.28	96.41		322.15					
155	"	"	376348	225.81	.30	95.98		322.09	3.				
165	"	"	3768.13	226.09	.32	95.70		322.11					
175	"	"	377191	226.32	.34	95.60		322.26					
185	"	"	377709	226.62	.36	95.22		322.71					
195	"	"	378082	226.85	.38	94.86		322.04					
205	"	"	3784.16	227.05	.40	94.86		322.31					
215	"	"	3789.05	227.37	.42	94.48		322.16					
225	49	"	379465	227.68	.44	94.11		322.23	?				
235	"	"	379811	227.82	.46	92.92		322.20					
245	"	"	3803.11	228.19	.48	93.64		322.31					
255	"	"	3811.94	228.72	.50	93.08		322.30					
265	"	"	3819.25	229.14	.52	92.51		322.17	?				
275	"	"	3826.54	229.59	.54	91.68		321.81	?				
285	"	"	3835.29	230.11	.56	91.30		321.97					
295	"	"	3844.32	230.66	.58	90.83		322.07					
305	"	"	3857.40	231.47	.60	90.12		322.24					
15	51	64E	373519	224.11	.12	98.02		322.15					
25	"	"	3733.95	224.04	.14	98.02		322.10					
35	"	"	3733.90	224.03	.16	106.62		330.76					
45	"	"	3737.27	224.24	.18	106.29		330.61					
55	52	"	3733.60	224.02	.20	106.52		330.69					
65	"	"	3732.75	223.97	.22	106.52		330.66					
75	"	"	3741.69	224.50	.24	97.65		322.29					
85	"	"	3746.65	224.80	.26	97.45		322.41					
95	"	"	3752.47	225.15	.28	97.08		322.41					
105	"	"	3759.76	225.59	.30	96.61		322.40					
115	"	"	3765.69	225.94	.32	96.24		322.40					
125	"	"	3773.84	226.43	.34	95.68		322.35					
135	"	"	3781.76	227.09	.36	95.02		322.37					
145	"	"	3794.50	227.67	.38	94.45		322.40					
155	"	"	3801.78	228.11	.40	93.98		322.39					
165	"	"	3809.89	228.59	.42	93.51		322.42					
175	"	"	3818.57	229.01	.44	92.85		322.30					
185	53	"	3826.89	229.61	.46	92.39		322.36					
195	"	"	3834.46	230.07	.48	91.83		321.92					
205	"	"	3842.20	230.53	.50	91.45		322.38					
215	"	"	3843.67	230.62	.52	91.15		322.49					
225	"	"	3848.87	230.93	.54	91.16		322.53					
235	"	"	3843.37	230.60	.56	90.88		321.94					
245	"	"	3859.99	231.56	.58	90.41		322.45					
255	"	"	3864.07	231.84	.60	90.14		322.75					
265	"	"	3868.69	232.12	.62	89.81		322.78					
275	"	"	3876.58	232.59	.64	89.29		322.42					

AREA DYNASTY, YUKON

ROVING EXPLORATION

PARTY GR. #1

CLIENT MINERAL EXPL. LTD. GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .66 PROSPECT CORRECTION 100.00 MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
28S	53	64E	3889.09	233.09	.56	8891		322.51					
29S	54	"	3889.90	233.24	.58	8818		322.45					
30S	"	"	3891.88	233.51	.60	8806		322.17					
65E	54	30S	3897.22	233.83	.59	8825		322.67					
66E	"	"	3911.48	234.67	.56	8790		322.64					
67E	"	"	3924.20	235.45	.57	8636		322.58					
1S	56	68E	3749.80	224.99	1.02	10056		325.57					
2S	"	"	3753.59	225.27	.84	10027		325.69					
3S	"	"	3757.81	225.11	.86	10022		325.39	?				
4S	"	"	3756.75	225.40	.86	10029		325.77					
5S	"	"	3757.12	225.43	.10	10019		325.72					
6S	"	"	3763.09	225.79	1.12	99.81		325.72					
7S	"	"	3767.63	226.06	1.14	99.52		326.01	?				
8S	"	"	3776.55	226.59	1.16	98.96		325.71					
9S	"	"	3780.27	226.80	1.18	98.77		325.75					
10S	"	"	3790.72	227.49	1.20	98.11		325.75					
11S	55	"	3797.70	227.86	.82	97.65		325.83					
12S	"	"	3808.58	228.51	.84	97.08		325.83					
13S	"	"	3825.79	229.55	.86	96.32		326.13	?				
14S	"	"	3823.49	229.41	1.08	96.05		325.74					
15S	"	"	3830.56	229.83	.30	95.98		325.61					
16S	"	"	3842.35	230.57	.32	94.82		325.68					
17S	"	"	3855.81	231.35	.34	93.98		325.67					
18S	"	"	3867.85	231.89	.36	93.33		325.58					
19S	"	"	3872.81	232.37	.38	92.67		325.92					
20S	"	"	3876.34	232.58	.40	89.28		322.26					
21S	"	"	3874.58	232.49	.42	88.88		321.78	?				
22S	"	"	3877.41	232.69	.44	88.53		321.61	?				
23S	"	"	3883.41	233.60	.46	88.15		322.21					
24S	57	"	3898.46	233.91	.48	82.28		322.17					
25S	"	"	3908.24	234.49	.50	82.60		322.59					
26S	"	"	3917.00	234.84	.52	82.21		322.57					
27S	"	"	3920.62	235.24	.54	86.89		322.62					
28S	"	"	3930.31	235.82	.56	86.27		322.65					
1S	56	72E	3783.00	226.98	1.02	95.39		322.39					
2S	57	"	3788.18	227.29	1.04	95.21		322.59					
3S	"	"	3792.70	227.59	1.06	94.83		322.41					
4S	"	"	3796.18	227.77	1.08	94.45		322.30	?				
5S	"	"	3800.17	228.01	1.10	94.36		322.47					
6S	"	"	3805.08	228.30	1.12	94.22		322.44					
7S	"	"	3810.60	228.64	1.14	92.79		322.57					
8S	"	"	3817.22	229.03	1.16	92.36		322.53					
9S	"	"	3823.10	229.39	1.18	92.94		322.51					
10S	"	"	3831.42	229.84	1.20	92.48		322.56					
11S	"	"	3841.14	230.47	1.22	91.91		322.60					
12S	"	"	3848.99	230.91	1.24	91.25		322.43	?				
13S	"	"	3857.78	231.47	1.26	90.79		322.52					

AREA DYNASTY YUKON
 CLIENT FRONTIER EXPL. LTD.

ROVING EXPLORATION

PARTY GR. #1

GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .060 PROSPECT CORRECTION 100.00 MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
14S	58	72E	3871.11	232.27	.28	9002		322.56					
15S	"	"	3882.33	232.94	.30	8937		322.61					
16S	"	"	3895.22	232.72	.32	8849		322.49					
17S	"	"	3907.46	234.48	.34	8760		322.32					
18S	"	"	3917.96	235.08	.36	8693		322.37					
19S	"	"	3927.37	235.68	.38	8646		322.50					
20S	"	"	3937.79	236.29	.40	8580		322.46					
21S	"	"	3948.26	236.90	.42	8506		322.38					
22S	"	"	3952.96	237.17	.44	8496		322.57					
23S	"	"	3959.96	237.51	.46	8468		322.68					
24S	"	"	3959.52	237.57	.48	8439		322.44					
25S	"	"	3962.42	237.75	.50	8430		322.46					
26S	"	"	3965.94	238.11	.52	8421		322.84	?				
27S	"	"	3977.39	238.61	.54	8343		322.64					
28S	"	"	3953.51	239.01	.56	8307		322.64					
29S	"	"	3992.11	239.41	.58	8261		322.60					
73E	59	28S	4001.49	240.09	.56	8195		322.60					
74E	"	"	4016.29	240.98	.56	8101		322.55					
75E	"	"	4035.95	241.96	.56	8025		322.67					
1S	62	76E	3811.93	228.72	.07	9379		322.58					
2S	"	"	3816.06	228.96	.08	9360		322.60					
3S	61	"	3823.80	229.73	.06	9313		322.60					
4S	"	"	3828.94	229.74	.08	9226		322.58					
5S	"	"	3835.22	230.11	.10	9257		322.78					
6S	"	"	3841.93	230.52	.12	9200		322.64					
7S	"	"	3848.22	230.92	.14	9144		322.50					
8S	"	"	3852.57	231.15	.16	9125		322.56					
9S	"	"	3861.93	231.72	.18	9088		322.78					
10S	"	"	3871.64	232.30	.20	9014		322.64	?				
11S	"	"	3881.96	232.91	.22	8956		322.59	.68				
12S	"	"	3897.03	233.82	.24	8862		322.68					
13S	60	"	3907.07	234.42	.26	8805		322.73					
14S	"	"	3919.95	235.20	.28	8702		322.50					
15S	"	"	3933.91	236.03	.30	8608		322.41					
16S	"	"	3946.91	236.81	.32	8533		322.46	?				
17S	"	"	3952.28	237.50	.34	8458		322.42					
18S	"	"	3970.61	238.24	.36	8382		322.42					
19S	"	"	3986.71	239.20	.38	8308		322.66					
20S	"	"	3997.07	239.82	.40	8233		322.55					
21S	"	"	4008.59	240.51	.42	8157		322.50					
22S	"	"	4015.76	240.95	.44	8101		322.40	?				
23S	"	"	4021.54	241.29	.46	8082		322.57					
24S	"	"	4027.43	241.65	.48	8059		322.67					
25S	59	"	4029.61	241.77	.50	8070		322.97					
26S	"	"	4030.56	241.83	.52	8070		322.05	?				
27S	"	"	4037.31	242.24	.54	7988		322.66					
28S	"	"	4041.68	242.50	.56	7960		322.66					
29S	"	"	4045.22	242.71	.58	7941		322.70					

AREA DUNSTY, YUKON
 CLIENT FRONTIER EXPL. CO.

ROVING EXPLORATION

PARTY GR. #1

ELEVATION CORRECTION FACTOR .060 PROSPECT CORRECTION 100.00 MG

PARTY CHIEF _____
 COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
1S	1	80E	3834.36	232.04	.07	92.56		322.64					
2S	"	"	3843.70	232.67	.07	94.03		322.66					
3S	"	"	3851.31	231.09	.06	91.47		322.58					
4S	"	"	3860.45	230.11	.07	90.87		321.57					
5S	"	"	3867.23	232.07	.10	90.57		322.72					
6S	"	"	3876.07	232.58	.12	89.41		322.54					
7S	"	"	3879.70	233.08	.14	89.27		322.49					
8S	"	"	3885.10	233.70	.16	87.56		323.47					
9S	"	"	3906.20	234.37	.17	88.05		322.60					
10S	"	"	3918.40	235.10	.17	87.22		322.52					
11S	2	"	3931.92	235.91	.20	86.46		322.60	?				
12S	"	"	3944.31	236.66	.20	85.52		322.42					
13S	"	"	3955.29	237.32	.21	84.86		322.44					
14S	"	"	3968.27	238.10	.22	83.71		322.29					
15S	"	"	3980.91	238.85	.30	83.16		322.31					
16S	"	"	3994.50	239.67	.32	82.40		322.39	?				
17S	"	"	4011.93	240.72	.34	81.29		322.35	?				
18S	"	"	4029.53	241.77	.36	80.25		322.38	?				
19S	"	"	4038.85	242.93	.39	79.83		322.14	?				
20S	"	"	4065.95	243.96	.40	77.80		322.16					
21S	"	"	4079.30	244.76	.42	77.06		322.24					
22S	3	"	4093.47	245.61	.44	76.30		322.35					
23S	"	"	4104.47	246.27	.46	75.57		322.37					
24S	"	"	4110.31	246.62	.48	75.36		322.46					
25S	"	"	4114.44	246.87	.50	75.17		322.54					
26S	"	"	4118.41	247.10	.52	74.79		322.41					
27S	"	"	4121.82	247.31	.54	74.69		322.54					
28S	"	"	4122.67	247.36	.56	74.69		322.61					
29S	"	"	4122.17	247.33	.58	74.57		322.78					
81E	3	29S	4134.70	248.08	.58	74.03		322.69					
82E	"	"	4146.97	248.82	.58	73.28		322.68					
83E	"	"	4159.52	249.57	.58	72.53		322.68					
1S	6	84E	3849.50	230.97	.02	91.68		322.67					
2S	"	"	3859.56	231.57	.04	91.31		322.92					
3S	"	"	3871.73	232.31	.06	90.56		322.95					
4S	"	"	3889.93	233.33	.07	89.81		323.21	"				
5S	"	"	3893.21	233.59	.10	89.96		322.65	"				
6S	"	"	3912.51	234.75	.12	88.59		323.45					
7S	5	"	3921.96	235.32	.14	87.73		322.19					
8S	"	"	3930.63	235.80	.16	86.70		322.66					
9S	"	"	3942.71	236.56	.18	85.85		322.54					
10S	"	"	3952.55	237.15	.20	85.18		322.83	?				
11S	"	"	3966.21	237.97	.22	84.46		322.65					
12S	"	"	3979.47	238.77	.24	83.61		322.62					
13S	"	"	3994.71	239.68	.26	82.57		322.51					
14S	"	"	4006.33	240.39	.28	81.73		322.39					
15S	"	"	4021.07	241.26	.30	80.77		322.54					
16S	"	"	4037.30	242.24	.32	79.76		322.32					

AREA DYNASTY, YUKON

ROVING EXPLORATION

PARTY GR #1

CLIENT EMERALD MINING GRAVITY COMPUTATION SHEET

PARTY CHIEF _____

ELEVATION CORRECTION FACTOR .060 PROSPECT CORRECTION 100.00 MG

COMP. BY _____ CHK. BY _____

STA. NO.	BOOK PAGE	GRID.	ELEV.	ELEV. CORR.	LAT. CORR.	OBS. GRAV.	TERR. CORR.	BOUG. GRAV.	NO.	RECHECK OBS. GRAV.	BOUG. GRAV.	DATE RUN	DATE RECHECK
175	4	84E	4054.38	243.26	34	78.63		322.27					
185	"	"	4074.28	244.46	36	77.40		322.24					
195	"	"	4093.28	245.60	36	76.19		322.17					
205	"	"	4112.98	246.75	38	74.87		322.00					
215	"	"	4128.26	247.70	38	73.93		322.05					
225	"	"	4141.84	248.51	38	73.17		322.12					
235	"	"	4152.38	249.14	38	72.62		322.20					
245	"	"	4159.85	249.59	38	72.25		322.32					
255	"	"	4164.60	249.87	38	71.96		322.35					
265	"	"	4168.55	250.11	38	71.78		322.51					
275	"	"	4171.66	250.30	38	71.74		322.55					
285	"	"	4172.35	250.35	38	71.78		322.64					
295	3	"	4171.25	250.27	38	71.87		322.72					
15	7	89E	3882.95	233.10	04	89.71		322.83					
25	"	"	3890.91	233.45	04	89.33		322.82					
35	"	"	3898.65	233.92	06	88.88		322.86					
45	"	"	3909.71	234.59	08	87.92		322.59					
55	"	"	3921.05	235.45	10	87.07		322.62					
65	"	"	3932.78	236.26	12	86.13		322.51					
75	"	"	3951.22	237.07	14	85.29		322.50					
85	"	"	3969.85	238.17	16	84.15		322.48					
95	"	"	3990.05	239.40	18	82.84		322.42					
105	8	"	4005.71	240.33	20	81.81		322.31					
115	"	"	4022.35	241.46	22	80.49		322.17					
125	"	"	4044.29	242.66	24	79.27		322.17					
135	"	"	4061.15	243.67	26	78.05		321.98					
145	"	"	4076.67	244.60	28	77.29		322.17					
155	"	"	4095.32	245.76	30	75.97		322.03					
165	"	"	4114.05	246.97	32	74.98		321.72					
175	"	"	4135.25	248.11	34	73.53		321.98					
185	"	"	4161.23	249.67	36	71.74		321.77					
195	"	"	4185.51	251.13	38	70.14		321.65					
205	"	"	4209.11	252.54	40	68.73		321.62					
215	9	"	4228.85	253.79	42	67.70		321.91					
225	"	"	4253.33	255.20	44	66.19		321.83					
235	"	"	4270.18	256.21	46	64.98		321.85					
245	"	"	4273.75	256.42	47	64.47		321.87					
255	"	"	4272.65	256.36	50	65.25		322.11					
265	"	"	4270.71	256.25	52	65.93		322.20					
275	"	"	4268.72	256.12	54	65.63		322.29					
285	"	"	4260.59	255.64	56	66.19		322.39					
295	"	"	4252.01	255.13	58	66.65		322.55					
89E	9	295	4268.57	256.10	58	65.72		322.40					
90E	10	"	4284.78	257.09	58	64.51		322.25					
91E	14	"	4302.11	258.13	58	63.47		322.18					

	XL13	XL12	XL5	PAM 32	PAM 17	PAM 16	PAM 1	VI 10	VI 11	VI 12	FC 18	FC 11	FC 4	25	32	16	EC 15	14	13				
	XL14	XL11	XL6	PAM 31	PAM 18	PAM 15	PAM 2	JET 7	JET 6	JET 1	FC 19	FC 10	FC 5	24	33	17	18	19	20				
XL 18	XL 15	XL 10	Y 7	PAM 30	PAM 19	PAM 14	PAM 3	JET 8	JET 5	JET 2	FC 20	FC 9	FC 6	23	34	24	23	22	21				
XL 17	XL 16	XL 9	XL 8	PAM 29	PAM 20	PAM 13	PAM 4	JET 9	JET 4	JET 3	FC 21	FC 8	FC 7	22	35	25	26	27	28				
52	52	51	50	28	21	12	5	19	20	21	22	23	24				32	31	30	29			
54	55	56	57	27	22	11	6	18	13	12	7	6	1				33	34	35	28			
61	60	59	58	26	23	10	7	17	14	11	8	5	2										
62	63	64	65	25	24	9	8	16	15	10	9	4	3										
69	68	67	66	16	9	8	1	24	17	16	9	8	1										
70	71	72	73	15	10	7	2	23	18	15	10	7	2										
77	76	75	74	14	11	6	3	22	19	14	11	6	3										
78	79	80	81	13	12	5	4	21	20	13	12	5	4										
85	84	83	82	12	11	10	3	20	19	14	13	12	1										
86	87	88	89	11	12	9	4	35	26	23	17	11	2										
93	92	91	90	10	13	8	5	34	27	22	15	10	3										
94	95	96	97	9	14	7	6	33	28	21	16	9	4										
16	17	18	19	20	88	9	13	12	5	44	27	26	9	80	63	62	45	32	29	20	17	8	5
15	14	13	12	11	87	8	14	11	6	43	28	25	10	79	64	61	46	31	30	19	18	7	6
6	7	8	9	10	86	7	15	10	7	42	29	24	11	78	65	60	47						
5	4	3	2	1	85	6	16	9	8	41	30	23	12	77	66	59	48						
										40	31	22	13	76	67	58	49						
										39	32	21	14	75	68	57	50						
										38	33	20	15	74	69	56	51						
										37	34	19	16	73	70	55	52						

47	48	EUREKA	97	98	99	90																	
46	24	23	22	21	89																		
16	17	18	19	20	88	9	13	12	5														
15	14	13	12	11	87	8	14	11	6														
6	7	8	9	10	86	7	15	10	7														
5	4	3	2	1	85	6	16	9	8														

NORTH 17° 28' WEST

WEST EAST

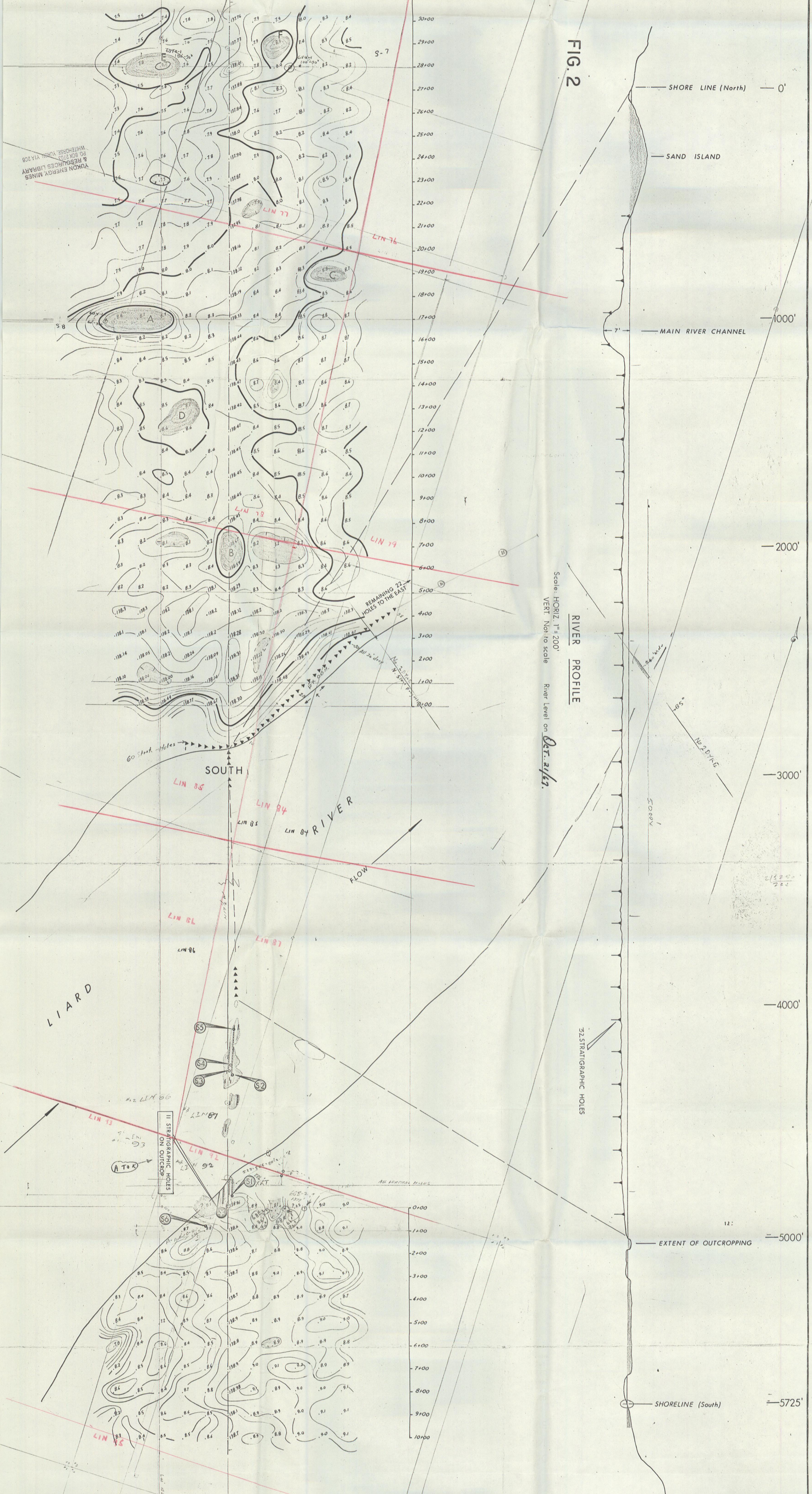


FIG. 2

RIVER PROFILE

Scale: HORIZ. 1" = 200'
VERT. 1" = 100'
River Level on Oct. 21/57.

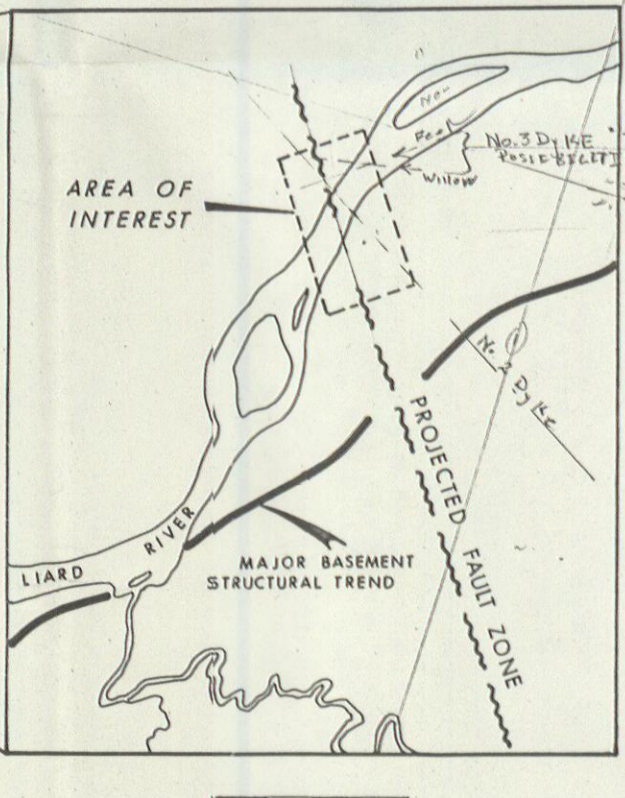
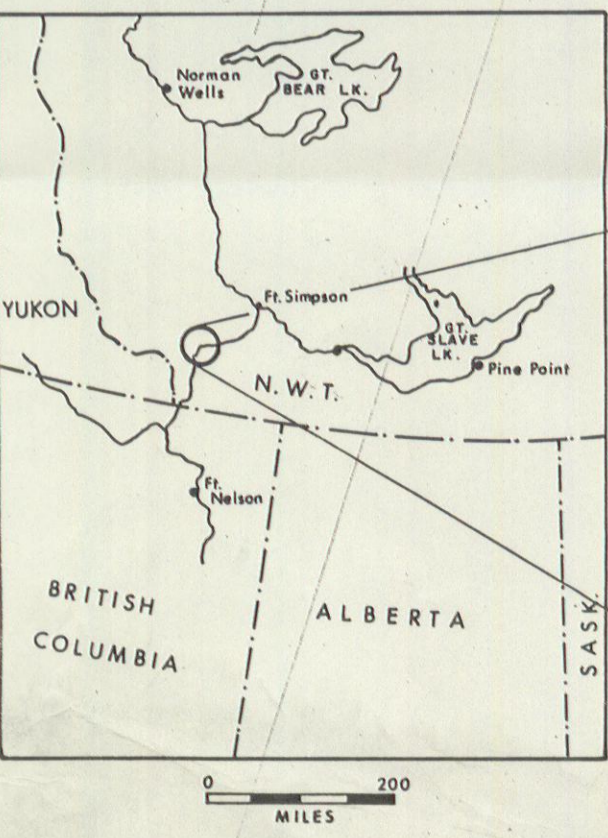
LIARD

LIARD RIVER

STRATIGRAPHIC HOLES

EXTENT OF OUTCROPPING

SHORELINE (South)



MT. HYLAND MINES N.P.L.
LIARD RIVER PROSPECT

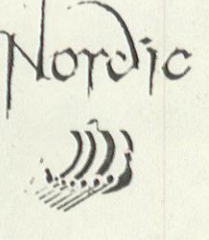
GRAVITY METER SURVEY

SHOWING

1. ANOMALIES & DIAMOND DRILL HOLES
2. MINERALIZED OUTCROPPING
3. RIVER PROFILE

LEGEND

- MINERALIZED ZONES
- DIKES
- OUTCROPPING
- MINERALIZED DIAMOND DRILL HOLES 1967
- II STRATIGRAPHIC DRILL HOLES ON OUTCROPPING
- STRATIGRAPHIC DRILL HOLES



RAM-HY EXPLORATIONS Ltd.
Report to Power & Development
Ramona Mines Ltd. (N.P.L.)

GRAVITY SURVEY REPORT
on
FOX CLAIMS DYNASTY AREA, YUKON
for
FRONTIER EXPLORATIONS LTD.

by
N. Rothenburg, P.Geol.

Roving Exploration Services Ltd.

December, 1967

In the study conducted by the writer of the Bouguer Gravity data for the Fox Claims, attention has been directed to the eastern portion of the report area since this appears to be the most interesting in terms of anomalous gravity indications.*

BOUGUER GRAVITY MAP

A well-defined low gravity trend proceeds (from the location 92.00E - 2,250 ft. south) in a northwesterly direction and undergoes separation into dominantly west and north sub-trends.

Local areas of anomalous positive gravity expression are noted to bear a general peripheral relation to the central low feature and are described below:

A. The elongated feature trending northeast-southwest and straddles survey traverse lines 80.00E, 84.00E and 88.00E within the ranges 0 to 1,000 ft. south of the base line.

B. An incipient anomaly in the northeast corner of the prospect which is considered to develop beyond the eastern boundary.

C. The isometric anomaly between traverse lines 72.00E and 76.00E and located 2,500 ft. south of the base line.

Anomaly A is by far the most attractive in terms of potential economic significance and has been singled out for further quantitative treatment.

RESIDUAL GRAVITY

Despite a certain erratic behavior of the Bouguer gravity values, in part due to extreme changes in topographic relief, an attempt was made to establish a residual gravity expression for the 'A' anomaly. Examination of the profiles shows the regional gravity level introduced, and the consequent residual values (dashed line) assigned to the 'A' anomaly. The same information appears on the residual gravity map and this evidence points strongly to the presence of an ore body with strike dimension of approximately 600 ft. in a northeast-southwest direction, and vein width approaching 100 ft. Minor subsidiary features are noted to be associated with the main anomaly, to the north and south. There is a good likelihood that faulting bounds the main anomaly on the north and south flanks to effect separation between the subsidiary features.

ANOMALY DEPTH DETERMINATION

Three independent approaches were employed to arrive at probable depth estimates for the 'A' anomaly. These relate to the Half-width Maximum horizontal gradient, and Residual curve integration methods. Good agreement was obtained between the above methods and the depth to the anomalous body falls within the ranges 80-100 ft. sub datum.

TONNAGE ESTIMATE

An areal integration of the overall residual anomaly for the 'A' feature yielded an anomalous mass of 305,000 long tons. The actual mass, which is of more direct interest from a mining point of view, is related to anomalous mass by the following equation:

$$\text{Actual mass} = \frac{P_2}{P_2 - P_1} \times M$$

where M denotes anomalous mass

P_2 denotes Density of ore body

P_1 denotes Density of host rock.

Hence assuming that $P_1 = 2.67$ and $P_2 = 5.34$, the latter being a reasonable figure for a lead-zinc orebody, we obtain a figure of

610,000 long tons

for the orebody, which also includes the subsidiary anomalies associated with the main feature indicated on the residual gravity map.

RECOMMENDATIONS

A core drill program to evaluate the most significant 'A' anomaly is strongly recommended. An initial location on traverse line 84.00E between stations 6 and 7 is favoured. Further testing of this anomaly should be conducted by core-hole positions arranged along the strike axis of the anomaly to be followed by additional tests on line 84.00E at stations 4 and 10. In the event of encouraging