

Meter No. G 199

Constant 105931

LIN E 82 W



Airborne Geophysical Surveys
Calgary, Alberta.

008960

Date 5/23/71

Operator _____

FIELD GRAVITY METER DATA

Area MUMUNDY RIVER

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
134W BASIC A	8:50	5053.06				
BASIC A	9:00	5058.08		500.00		
82w. 27N	10:45	5062.85	.01	510.46		
15	11:12	5054.34	.01	501.44		
16	11:18	5055.63	.01	502.81		
17	11:21	5056.68	.01	503.92		
18	11:26	5059.14	.01	506.53		
19	11:30	5060.14	.01	507.88		
20	11:35	5060.83	.01	508.32		
21			.01			21 ON TAG
22	11:43	5061.59	.01	509.12		
23	11:47	5062.16	.01	509.72		
24	11:51	5062.64	.01	510.23		
25	11:55	5062.92	.01	510.53		
26	11:59	5063.24	.01	510.87		
R// 27	12:02	5062.83	.01	510.43		
28	12:18	5063.16	.01	510.78		
29	12:28	5064.70	.01	512.42		
30	12:34	5066.66	.01	514.49		
31	12:37	5067.10	.01	514.96		
32	12:40	5067.54	.01	515.42		
33						NUMBER MISSED ??
34	12:53	5070.00	.01	518.03		
35	12:57	5072.86	.01	520.74		
36	13:01	5073.96	.01	522.22		
37	13:05	5076.14	.01	524.53		
38	13:10	5079.00	.02	527.55		
39	13:19	5082.74	.02	531.51		
40	13:23	5085.23	.02	534.15		
41	13:27	5087.66	.02	536.73		
42	13:31	5088.85	.02	537.67		
43	13:36	5089.40	.02	538.57		

Meter No. 6-199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date 14/7/71

Operator DR. ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNDY RIVER

LINE 90 W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE 'C'	12:25	5086.15				
BASE 'C'	12:30	5086.12	.00	534.43		
55N		NR.	.00			COULDN'T FIND
54	12:58	5092.37	-.01	541.04		
53	13:03	5091.46	.01	540.08		
52	13:05	5091.55	-.01	540.17		
51	13:09	5093.39	.01	542.12		
50	13:12	5092.66	.01	541.35		
49		NR.	.01			CREEK.
48	13:17	5093.16	.02	541.86		
47	13:21	5092.67	.02	541.35		
46	13:24	5092.41	.02	541.07		
45	13:27	5092.09	.02	540.73		
44	13:31	5091.46	.02	540.06		
43	13:35	5090.86	.02	539.43		
42	13:41	5090.10	.02	538.69		
41	13:45	5088.48	.02	536.91		
40	13:48	5086.93	.03	535.26		
39	13:55	5084.55	.03	532.73		
38	14:03	5081.61	.03	529.62		
37	14:08	5077.75	.03	525.53		
36	14:13	5076.83	.03	524.56		
35	14:17	5075.37	.04	523.00		
34	14:20	5074.86	.04	522.46		
33	14:25	5072.12	.04	519.56		
32	14:30	5069.96	.04	517.27		
31	14:34	5068.13	.04	515.33		
30	14:38	5066.80	.04	513.92		
29	14:41	5066.61	.04	513.72		
28	14:45	5066.50	.04	513.60		
27	14:48	5066.59	.05	513.69		
26	14:51	5066.42	.05	513.51		
25	14:54	5066.33	.05	513.41		

Meter No. G-199

Constant 1.05931

Line 106, 98



Airborne Geophysical Surveys
Calgary, Alberta.

FIELD GRAVITY METER DATA

Date July 14, 1971

Operator Marc Galesti

Area Magundy River

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
Base C	18.20	5086.11				
Base c	18.24	5086.15	∞	534.43		
28	18.58	5069.87		517.18		
29	19.02	5067.29		514.45		
30	-	NR		-		Couldn't find
31	19.07	5064.43		511.42		
32	19.10	5063.30		510.22		
33	19.13	5064.12		511.09		
34	19.17	5064.27		511.25		
35	19.21	5064.82		511.83		
36	-	NR		-		Couldn't find
37	19.26	5063.78		510.73		
38	19.31	5065.60		512.66		
39	19.34	5067.63		514.81		
40	19.41	5070.17		517.50		Poor; soft
41	19.46	5071.94		519.44		
42	19.50	5073.00		520.50		
43	19.54	5073.59		521.13		
44	19.58	5075.19		522.82		
45	20.02	5077.00		524.74		
46	20.06	5078.39		526.21		Poor; soft
47	20.09	5079.16		527.03		
48	20.13	5080.83		528.79		
49	20.17	5081.88		529.91		
50	20.21	5083.43		531.55		
51	20.25	5084.10		532.32		
52	20.30	5088.60		537.02		
53	20.35	5091.44		540.03		
54	20.39	5094.80		543.59		
55	20.43	5096.37		545.26		
Line 98 54	20.54	5096.47		545.36		No station 55
53	20.58	5095.74		544.59		Poor; must be
52	21.02	5093.96	∞	542.71		

Meter No. G-199

Constant 1.05931

Line 98, 106



Airborne Geophysical Surveys
Calgary, Alberta.

FIELD GRAVITY METER DATA

Date July 14, 1971

Operator Marc Galecki

Area Magundy River

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
Line 98 51	22.06	5091.89	∞	540.51		
50	21.11	5090.28		538.80		
49	21.15	5088.37		536.78		
48	21.18	5087.55		535.91		
47	21.22	5088.18		536.58		
46	21.26	5088.17		536.57		
45	21.29	5087.93		536.32		
44	21.34	5086.38		534.67		
43	21.38	5084.39		532.57		
42	21.43	5083.65		531.78		
41	21.46	5084.17		532.33		
40	21.49	5083.13		531.23		Watch following readings
39	-	NR		-		meter apparently going
38	21.55	5080.94		528.91		off heat!
37	21.59	5080.75		528.71		
36	22.02	5079.60		527.49		
35	22.07	5079.89		527.80		
34	-	NR		-		Couldn't find
✓ 33	22.17	5079.65		527.54		
32	22.23	5078.39		526.81		
31	22.27	5076.99		524.74		
30	22.32	5075.24		522.87		
29	22.36	5073.29		520.81		Poor; soft
✓ 28	22.40	5071.85		519.28		At the next station + two after
Line 106 27						meter would not give reading. So
C. } Sta 29						came home
Base B	9.05	5086.13		534.41		
Base C	9.11	5086.13	∞	534.43		
27	9.31	5070.52	∞	517.89		
26	9.34	5071.31	∞	518.73		
25	9.38	5071.91	∞	519.37		
24	9.41	5071.66	∞	519.10		
23	9.45	5071.15	∞	518.56		
22	9.48	5070.29	∞	517.65		

Meter No. G-199

Constant 1.05931

Line 106, 98



Airborne Geophysical Surveys
Calgary, Alberta.

Date July 14, 1971

Operator Marc Galestri

Area Maguandy River

FIELD GRAVITY METER DATA

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. .H.I.	Weather and Remarks
Line 106 21	9.52	5069.59	-01	516.90		
20	9.57	5068.50	-01	515.74		
19	9.59	5067.43	-01	514.61		
18	10.03	5066.91	-01	514.12		
17	10.06	5066.41	-01	513.53		
16	10.10	5065.34	-01	512.40		
15	10.14	5064.09	-01	511.08		
14	10.18	5062.92	-01	509.90		
Line 98 14	10.44	5059.19	-01	505.84		
15	10.48	5061.01	-01	507.81		
16	10.52	5062.40	-01	509.28		
17	-	NR	-01	-		Couldn't find
18	10.57	5064.77	-01	511.78		
19	11.01	5065.80	-01	512.88		
20	11.04	5066.63	-01	513.76		
21	11.08	5066.83	-01	513.97		
22	11.11	5067.36	-01	514.54		
23	11.14	5067.70	-02	514.89		Poor; wind
24	11.20	5068.10	-02	515.31		Poor; wind
25	11.24	5069.35	-02	516.63		
26	11.28	5070.43	-02	517.78		Tags numbered wrong; I've corrected
27	11.32	5071.03	-02	518.41		here. 14, 15 were where 22, 23
R 28-98	11.34	5071.90	-02	519.33		should have been. i.e. line started
R 33	11.44	5079.68	-02	527.58		at 16
Base C	11.53	5086.15	^{-02/112} -02/1234	534.43		

Meter No. G-199

Constant 1.05931

Line 114, 110



Airborne Geophysical Surveys
Calgary, Alberta.

FIELD GRAVITY METER DATA

Date July 14, 1971

Operator Marc Galeski

Area Magundy River

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
Base C	22.48	5086.21		534.43		
33	23.18	5057.50		504.02		
34	23.21	5056.74		503.21		
35	23.25	5056.44		502.89		
36	23.28	5056.24	.00	502.68		
37	23.32	5057.82	+0.01	504.37		
38	-	NR	+0.01	-		Couldn't find
39	23.38	5059.54	.01	506.19		
40	23.42	5061.08	.01	507.82		
41	-	NR	.01	-		Couldn't find
42	23.47	5062.65	.01	509.48		
43	23.53	5064.96	.01	511.93		
44	23.59	5066.38	.01	513.40		
45	24.04	5069.47	.01	516.70		
46	24.11	5071.69	.01	519.06		
47	24.17	5074.81	.01	522.36		
48	-	NR	.01	-		Too soft
49	24.26	5079.51	.00	527.34		
50	-	NR	.01	-		Couldn't find
51	24.32	5082.91	.01	530.06		
52	24.39	5085.71	.01	533.91		
53	24.44	5088.94	.01	537.33		Very cloudy & therefore dark; hard
54	24.47	5090.24	.01	538.71		to find stations
55	24.53	5090.02	.01	538.48		fine
Line 110 55	1.10	5094.40	.02	544.18		
54	-	NR	.02	-		Too steep
53	-	NR	.02	-		Rock slope
52	1.28	5085.26	.02	533.44		
51	1.34	5085.97	.02	534.19		
50	1.38	5083.15	.02	531.21		
49	1.44	5081.19	.02	529.13		
48	1.50	5079.12	.02	526.94		Poor; soft
47	1.57	5075.59	.02	523.20		

Meter No. G-199Constant 1.05931Airborne Geophysical Surveys
Calgary, Alberta.Date July 14, 1971Operator Marc Galecki

FIELD GRAVITY METER DATA

Area Magandy RiverLine 114, 110

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
Line 110 46	2.03	5073.17	+02	520.64		
45	2.08	5070.24	.02	517.53		
44	2.14	5066.90	.02	514.00		
43	2.22	5065.24	.02	512.24		
42	2.27	5063.21	.02	510.09		
41	2.31	5061.85	.02	508.65		
40	2.35	5061.41	.02	508.18		
39	2.39	5061.29	.02	508.05		
38	2.42	5061.15	.02	507.90		
37	2.48	5061.54	.02	508.32		
36	-	NR		-		Couldn't find
35	2.53	5061.30	.03	508.07		
34	2.57	5060.47	.03	507.20		
33	3.02	5060.29	.03	507.00		
32	3.06	5060.46	.03	507.18		
31	3.10	5061.59	.03	508.36		
30	3.13	5062.55	.03	509.40		
29	3.19	5063.55	.03	510.46		
28	3.25	5064.72	.03	511.70		
27	3.29	5065.85	.03	512.58		
26	3.34	5065.92	.03	513.03		
25	-	NR	.03	-		Couldn't find
24	3.39	5068.31	.03	515.50		
23	3.43	5069.81	.03	517.09		
22	-	NR		-		Must be soft
21	-	NR		-		Couldn't find
* 20	4.01	5070.11	.04	517.42		I passed 20 did 19 & then retraced
* 19	3.57	5069.32	.04	516.58		I passed it.
18	4.05	5068.28	.04	515.48		
17	4.08	5067.22	.04	514.36		
16	4.12	5065.15	.04	512.23		
15	4.15	5065.31	.04	512.33		
14	4.18	5064.47	.04	511.44		

Meter No. G-199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date 13/7/71

Operator D R ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNDY RIVER.

LINE 126w, 122w, 118w

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
118w 59	13:44	5100.24	-.02	549.31		
60	13:47	5100.53	.02	549.62		
61	13:50	5101.68	.02	550.84		
62	13:54	5101.36	.02	550.50		
122w 55N	14:12	5092.89	.02	541.53		
54	14:17	5091.59	.02	540.15		
53	14:21	5090.31	.02	538.79		
52	14:25	5087.53	.02	535.85		
51	14:30	5089.60	.02	532.75		
50	14:35	5081.27	.02	529.22		
49	—	NR	.02	—		TOO STEEP TO SET UP
48	14:45	5075.71	.02	523.33		
47	14:49	5074.09	.02	521.61		
46	—	NR	.02	—		TOO STEEP TO SET UP.
45	14:57	5068.54	.02	515.73		
44	15:01	5067.78	.02	514.93		
43	15:05	5066.38	.03	513.43		
42	15:10	5064.26	.03	511.19		
41	15:16	5062.42	.03	509.24		
40	15:20	5061.49	.03	508.25		
39	15:24	5060.52	.03	507.23		
38	15:28	5057.89	.03	504.39		
37	15:32	5056.93	.03	503.42		
36	15:35	5057.03	.03	503.53		
35	15:38	5056.69	.03	503.17		
34	15:41	5056.69 ^{60?}	.03	503.07		?
33	15:45	5056.04	.03	502.48		?
32	15:47	5055.35	.03	501.75		
RH 31	15:52	5055.71	.03	502.13		
BASE 'C'	16:15	5086.20	-.03/450	534.43		

Meter No. G-199Constant 1.05931

Airborne Geophysical Surveys
Calgary, Alberta.

Date 13/7/71Operator D.R. ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNDY RIVER.LINE 126w, 122w, 118w

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE C'	858	5086.17				
BASE C'	9:05	5086.17	00	534.43		
122w 31N	9:53	5055.82	00	502.28		
30	9:56	5056.38	00	502.87		
29	9:58	5057.12	00	503.66		
28	10:02	5058.09	00	504.63		
27	10:04	5058.21	00	504.81		
26	10:08	5057.28	00	502.83		
25	10:11	5057.20	00	503.74		
24	10:15	5056.39	00	502.88		
23	10:18	5055.77	-01	502.22		
22	10:21	5056.00	.01	502.46		
21	10:24	5056.56	.01	503.05		
20	10:27	5057.41	.01	503.95		
19	10:30	5057.29	.01	503.83		
18	10:34	5056.78	.01	503.29		
17	10:37	5056.59	.01	503.09		
16	10:40	5056.55	.01	503.04		
15	10:43	5056.33	.01	502.81		
14	10:47	5056.28	.01	502.76		
126w 19N	10:53	5054.88	.01	501.27		
15	10:56	5055.43	.01	501.86		
16	10:59	5055.36	.01	501.78		
17	11:02	5055.06	.01	501.46		
18	11:04	5054.55	.01	500.92		
19	11:07	5054.48	.01	500.78		
20	11:10	5054.88	.01	501.27		
21	11:13	5054.95	.01	501.35		
22	11:15	5054.40	.01	500.77		
23	11:18	5053.81	.01	500.14		
24	11:21	5054.12	.01	500.47		
25	11:25	5054.97	.01	501.37		
26	11:28	5055.75	.01	502.20		

Meter No. G-199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta

Date 12/7/71

Operator DR ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNDI RIVER.

LIN# 126W, 122W, 118W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
126w 27N	11:32	5056.07	-.01	502.53		
28	11:36	5057.24	.01	503.77		
29	11:39	5057.95	.01	504.53		
30	11:41	5057.53	.01	504.08		
31	11:44	5058.41	.01	505.01		
32	11:48	5058.69	.01	505.31		
33	11:52	5058.94	.01	505.57		
34	11:55	5059.01	.01	505.65		
35	11:58	5059.15	.01	505.80		
36	12:00	5059.53	.01	506.20		
37	12:03	5060.13	.01	506.83		
38	12:06	5061.53	.01	508.32		
39	12:09	5062.08	.01	508.90		
40	12:12	5062.61	.01	509.46		
41	12:16	5064.40	.01	511.37		
42	12:20	5065.29	.01	512.30		
43	12:23	5066.50	.01	513.58		
44	12:28	5068.12	.01	515.30		
45	12:32	5071.18	.01	518.54		
46	12:36	5072.59	.01	520.03		
47	12:41	5073.47	.02	520.96		
48	12:46	5076.76	.02	524.44		
49	12:51	5079.98	.02	527.85		
50	—	NR	.02	—		TOO STEEP TO SET UP
51	12:59	5086.43	.02	534.68		
52	13:03	5088.85	.02	537.25		
53	13:08	5091.23	.02	539.77		
54	13:11	5093.11	.02	541.76		
55	13:15	5094.32	.02	543.04		
118w 55N	13:28	5091.05	.02	539.58		
56	13:33	5092.56	.02	541.18		
57	—	NR	.02	—		TOO STEEP TO SET UP
58	13:39	5097.56	.02	546.47		

Meter No. G-199Constant 1.0593Airborne Geophysical Surveys
Calgary, Alberta.Date 5/22/74

Operator _____

FIELD GRAVITY METER DATA

Area MUGUNDY RIVERLINE 134W.

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE "A"	9:25	5053.01				COMMON WITH STATION 28+00N
	9:35	5053.00				
	10:10	5052.97		500.00		
29 N	10:18	5054.35	.00	501.46		
30	10:21	5055.78	-.01	502.97		
31	10:27	5056.90	.01	504.15		
32	10:33	5058.31	.01	505.65		
33	10:40	5059.33	.01	506.73		
34	10:46	5060.67	.02	508.14		
35	10:55	5062.66	.02	510.24		
36	11:02	5063.55	.02	511.19		
37	11:08	5065.31	.03	513.04		
38	11:14	5066.78	.03	514.60		
39	11:21	5067.75	.03	515.62		
40	11:28	5068.42	.04	516.32		
41	11:34	5069.02	.04	516.96		
42	11:42	5069.80	.04	517.79		
43	11:47	5070.71	.04	518.75		
44	11:54	5071.77	.05	519.86		
45	12:00	5072.39	.05	520.52		
46	12:05	5073.93	.05	522.15		
47	12:13	5076.27	.06	524.62		
48	12:19	5077.51	.06	525.93		
49	12:28	5080.80	.06	529.42		
50	—	N.R.	—	—	—	TO STEEP TO SET UP METER
51	12:40	5087.12	.07	536.10		
52	12:48	5090.53	.07	539.71		
53	12:55	5092.65	.08	541.95		
54	13:01	5094.59	.08	544.00		
55	13:06	5096.05	.08	545.55		
56	13:12	5097.40	.08	546.98		
57	13:17	5098.29	.09	547.91		

Meter No. G-199

Constant 105930

LINE 134 E 118 W



Airborne Geophysical Surveys
Calgary, Alberta.

FIELD GRAVITY METER DATA

Date 5/22/71

Operator _____

Area MUGUNDY RIVER.

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
58	13:23	5100.47	-.09	550.22		
59	13:29	5112.35	.09	562.81		
60	-	NR.	-	-	-	CANNOT SET UP.
61	13:40	5105.89	.10	555.95		
62	13:46	5105.92	.10	555.98		
63	13:52	5104.61	.10	554.60		
64	13:56	5103.78	.10	553.72		
Line 118 W.						
55N	15:03	5090.47	.14	539.58		
54	-	NR.	-	-	-	IN MIDDLE OF CREEK E MUSKEG.
53	15:14	5089.70	.14	538.76		
52	15:19	5087.31	.14	536.23		
51	-	NR.	-	-	-	TOO STEEP TO SET UP.
50	15:32	5081.00	.15	529.53		
49	-	NR.	-	-	-	TOO STEEP TO SET UP.
48	15:53	5074.70	.16	522.95		
47	16:14	5072.47	.17	520.48		
46	16:18	5071.41	.17	519.35		
45	16:23	5069.59	.17	517.43		
44	16:32	5066.81	.18	514.47		
43	16:40	5064.27	.19	511.77		
42	16:51	5062.42	.19	509.81		
41	16:56	5060.45	.19	507.72		
40	17:00	5060.07	.19	507.32		
39	17:07	5058.54	.19	505.70		
38	17:13	5056.60	.20	503.63		
37	17:18	5055.10	.20	502.04		
36	17:24	5054.69	.20	501.61		
35	17:30	5053.35	.20	502.31		
34	17:34	5053.35	.21	502.30		
33	17:38	5054.66	.21	501.57		
32	17:42	5053.74	.21	500.59		

Meter No. G. 199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date 5/25/71

Operator _____

FIELD GRAVITY METER DATA

LINE 118W & 134W

Area MUGUNDI RIVER

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE "A"	9:20	5053.10				
BASE "A"	9:25	5053.09		500.00		
118W R ₁ 32N	10:02	5053.64	+01	500.59		
31	10:07	5054.28	.01	501.27		
30	10:11	5054.50	.01	501.50		
29	10:14	5055.17	.02	502.22		
28	10:17	5056.73	.02	503.88		
27	10:21	5057.73	.02	504.94		
26	10:27	5058.57	.02	505.83		
25	—	NR	—	—	—	TOO MUCH WATER / VERY SOFT
24	10:32	5059.13	.02	506.42		
23	10:35	5059.26	.02	506.56		
22	10:38	5059.20	.02	506.49		
21	10:42	5059.44	.02	506.75		
20	10:45	5060.12	.02	507.47		
19	10:49	5060.66	.03	508.05		
18	10:54	5060.39	.03	507.76		
17	10:58	5059.25	.03	506.56		
16	11:01	5058.14	.03	505.38		
15	11:05	5057.96	.03	505.19		
14	11:08	5057.71	.03	504.93		
13	11:11	5057.19	.03	504.37		
12	11:15	5057.08	.03	504.26		
11	11:18	5057.17	.03	504.35		
10	11:21	5057.05	.04	504.24		
9	—	NR	—	—	—	
8	11:29	5057.42	.04	504.63		
7	11:32	5057.68	.04	504.90		
6	11:36	5057.70	.04	504.93		
5	11:39	5057.60	.04	504.82		
4	11:42	5057.07	.04	504.26		
3	11:46	5056.29	.04	503.54		

Meter No. G 199.

Constant 105931



Airborne Geophysical Surveys
Calgary, Alberta.

Date 5/25/71

Operator _____

FIELD GRAVITY METER DATA

Area MUGGUNDY RIVER

LINE 118W E 134W.

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
118w 2	11:49	5055.50	.04	502.60		
1	11:52	5054.28	.05	501.31		
0	12:01	5053.39	.05	500.37		
134w 0	13:04	5050.57	.07	497.40		
1N	13:07	5051.12	.07	497.99		
2	13:10	5051.66	.07	498.56		
3	13:14	5052.09	.07	499.01		
4	13:17	5052.51	.07	499.46		
5	13:20	5053.42	.07	500.42		
6	13:23	5054.81	.07	501.90		
7	13:27	5056.15	.07	503.32		
8	13:31	5056.94	.08	504.16		
9	13:34	5056.82	.08	504.04		
10	13:37	5056.59	.08	503.79		
11	13:41	5055.59	.08	502.73		
12	13:45	5055.10	.08	502.21		
13	13:53	5054.69	.08	501.78		
14	13:57	5054.21	.08	501.27		
15	14:00	5054.26	.08	501.32		
16	14:03	5054.39	.09	501.47		
17	14:06	5054.09	.09	501.15		
18	14:10	5052.80	.09	499.79		
19	14:14	5051.76	.09	498.69		
20	14:18	5050.65	.09	497.51		
21	14:21	5049.94	.09	496.76		
22	14:24	5049.64	.09	496.44		
23	14:27	5049.20	.09	495.97		
24	14:35	5048.76	.10	495.52		
25	14:38	5049.16	.10	495.94		
26	14:42	5050.90	.10	497.79		
27	14:45	5051.72	.10	498.65		
BASE "A"	14:50	5052.99	$\frac{10}{325}$ 3026	500.00		

Meter No. G199Constant 1.05931Airborne Geophysical Surveys
Calgary, Alberta.Date July 12/71Operator D.R. ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNDY RIVER

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE B	7:55	5112.85				
BASE B	8:00	5112.87		562.46		
138w 64N	8:41	5109.21		558.58		
63	8:47	5108.05		557.35		
62	8:51	5108.30		557.62		
61	8:56	5106.02	.00	555.20		
60	9:02	5102.95	+0.01	551.43		
59		NR.	.01	-		TOO STEEP TO SET UP METER
58	9:09	5099.35	.01	548.15		
57	9:12	5099.28	.01	548.07		
56	9:16	5098.97	.01	547.75		
55	9:22	5097.33	.01	546.01		
54	9:25	5095.77	.01	544.36		
53	9:29	5095.06	.01	543.60		
52	9:33	5093.10	.01	541.53		
51	9:39	5090.17	.01	538.42		
50	9:45	5086.51	.01	534.55		
49	9:50	5083.17	.01	531.01		
48	9:55	5081.15	.01	528.87		
47	10:00	5078.52	.01	526.08		
46	10:04	5077.16	.01	524.64		
45	10:08	5075.57	.01	522.96		
44	10:12	5074.73	.01	522.07		
43	10:16	5073.72	.01	521.00		
42	10:19	5072.91	.01	520.14		
41	10:23	5072.16	.01	519.35		
40	10:26	5071.08	.01	518.20		
39	10:32	5069.94	.01	516.97		
38	10:36	5068.58	.01	515.55		
37	10:41	5067.30	.01	514.20		
36	10:47	5065.81	.01	512.62		
35	10:52	5064.37	.01	511.09		
34	10:57	5062.35	.01	508.95		

Meter No. 9199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date 12/7/71

Operator D.R. ROBERTSON

FIELD GRAVITY METER DATA

Area MAGLUNDY RIVER

LINE 138W & 130W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
138-33 N	11:01	5061.16	+ .01	507.69		
32	11:04	5059.89	.01	506.35		
31	11:09	5058.44	.02	504.82		
30	11:14	5057.08	.02	503.38		
29	11:18	5055.10	.02	501.28		
28	11:22	5053.63	.02	499.71		
134W 28N	11:28	5053.89	.02	500.00		BASE 'A'
R/ 138W 28 N	11:36	5053.64	.02	499.76		
27	11:39	5052.85	.02	498.90		
26	11:42	5052.95	.02	499.01		
25	11:45	5053.34	.02	499.42		
24	11:48	5053.45	.02	499.54		
23	11:52	5053.20	.02	499.27		
22	11:56	5052.96	.02	499.02		
21	12:00	5052.76	.02	498.81		
20	12:04	5052.75	.02	498.80		
19	12:07	5052.99	.02	499.05		
18	12:10	5053.38	.02	499.46		
17	12:13	5053.88	.02	499.99		
16	12:16	5054.72	.02	500.88		
15	12:20	5055.66	.02	501.88		
14	12:23	5056.29	.02	502.55		
130W 14N		NR	.02	—		couldn't find
15		NR	.02	—		couldn't find
16	12:39	5054.85	.02	501.02		
17	12:43	5054.83	.02	501.00		
18	12:46	5054.24	.02	500.37		
19	12:50	5053.76	.02	499.87		
20	12:53	5053.24	.02	499.31		
21	12:56	5052.53	.02	498.66		
22	12:59	5051.01	.02	496.95		
23	13:03	5050.10	.02	495.99		
24	13:07	5051.15	.03	497.11		

Meter No. G-199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date 12/7/71

Operator DR ROBERTSON

FIELD GRAVITY METER DATA

LINES 138W & 130W

Area MAGUNDY RIVER

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
25	13:11	5052.54	+ .03	498.58		
26	13:14	5053.49	.03	499.59		
27	13:16	5053.98	.03	500.11		
28	13:20	5054.87	.03	501.05		
134W 28N	13:26	5053.92	.03	500.04		BASE 'A'
R/130W 28N	13:32	5053.87	.03	499.99		
29	13:35	5056.62	.03	502.91		
30	13:38	5058.95	.03	505.37		
31	13:42	5059.68	.03	506.15		
32	13:45	5059.90	.03	506.38		
33	13:49	5060.32	.03	506.83		
34	13:52	5060.92	.03	507.46		
35	13:55	5061.65	.03	508.23		
36	13:58	5062.81	.03	509.46		
37	14:02	5063.19	.03	509.87		
38	14:05	5063.81	.03	510.62		
39	14:07	5064.22	.03	510.96		
40	14:10	5065.24	.03	512.04		
41	14:14	5066.04	.03	512.88		
42	14:17	5066.82	.03	513.71		
43	14:20	5068.16	.03	515.13		
44	14:24	5070.53	.03	517.64		
45	14:28	5072.26	.03	519.47		
46	14:31	5073.69	.03	520.99		
47	14:35	5075.61	.03	523.02		
48	14:38	5077.96	.03	525.51		
49	14:43	5081.28	.03	529.03		
50	14:49	5084.34	.03	532.27		
51	14:54	5087.51	.03	535.63		
52	14:59	5090.43	.03	538.72		
53	15:03	5091.82	.03	540.19		
54	15:07	5093.97	.03	542.47		
55	15:11	5095.31	.03	543.89		

Meter No. G-199

Constant 1.05931

Line 142W



Airborne Geophysical Surveys
Calgary, Alberta.

Date July 11 1971

Operator Marc Galoski

Area Magundy River

FIELD GRAVITY METER DATA

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
Base B	10.42	5112.84				70-63 in mustog
Base B	10.50	5112.84		562.46		
70	11.28	5112.94	00	562.63		Poor reading; soft
69	11.32	5112.89	00	562.51		
68	11.36	5112.74	00	562.35		
67	11.40	5112.46	00	562.06		
66	11.47	5112.07	00	561.64		Poor reading
65	11.51	5111.68	00	561.23		
64	11.56	5111.18	00	560.70		Poor reading
63	12.02	5110.70	00	560.19		
62	12.07	5109.05	00	558.44		
61	12.12	5108.08	00	557.42		
60	12.17	5105.43	00	554.61		
59	12.25	5102.41	00	551.41		
58	12.31	5100.76	00	549.66		
57	12.35	5099.82	00	548.67		
56	12.40	5099.62	00	548.45		
55	12.44	5098.80	00	547.59		
54	12.49	5098.19	00	546.94		Poor reading
53	12.54	5097.20	00	545.89		
52	12.58	5095.51	00	544.10		
51	13.03	5093.20	00	541.65		
50	13.07	5091.10	00	539.43		
49	13.13	5087.88	00	536.02		Poor reading
48	13.19	5085.29	00	533.28		
47	13.26	5082.94	00	530.79		
46	13.33	5080.45	00	528.15		Poor reading
45	13.40	5078.00	00	525.55		
44	-	NR	00	N.R.		Too steep + very soft
43	13.59	5075.92	00	523.43		
42	14.05	5074.89	00	522.26		
41	14.11	5073.79	00	521.09		

Meter No. G-199

Constant 1.05931

Line 142 W



Airborne Geophysical Surveys
Calgary, Alberta.

FIELD GRAVITY METER DATA

Date July 11, 1971

Operator Marc Galeotti

Area Magundy River

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
40	14.17	5072.37		519.59		
39	14.23	5070.73		517.85		
38	14.28	5069.38	.00	516.42		
37	14.34	5067.90	+0.01	514.86		
36	14.40	5066.43	.01	513.31		
35	14.45	5065.30	.01	512.19		
34	14.50	5063.69	.01	510.90		
33	14.57	5062.38	.01	509.02		
32	15.01	5061.31	.01	507.88		
31	15.07	5059.57	.01	506.04		Poor reading; wind
30	15.13	5057.32	.01	503.66		Flag down
29	15.18	5056.02	.01	502.28		
28	15.22	5055.81	.01	502.06		
27	15.29	5055.17	.01	501.38		
26	15.37	5054.57	.01	500.74		Poor reading; wind
25	15.42	5055.97	.01	502.23		
24	15.50	5054.74	.01	500.92		
23	15.59	5053.38	.01	499.48		
22	16.02	5052.74	.01	498.81		
21	16.06	5052.53	.01	498.58		
20	—	NR	.01	NR.		Couldn't find
19	16.12	5052.89	.01	498.96		
18	16.16	5053.29	.01	499.39		Where 23 should have been, was
17	16.21	5053.80	.01	499.93		a tag marked #15. After this
16	16.26	5054.23	.01	500.38		tag, came #23. Where #15
15	16.30	5054.94	.01	501.14		should have been was number
14	16.34	5055.51	.01	502.10		14. I've straightened out the
R 28	16.49	5055.86	.01	502.11		numbering here. Some joke!
R 43	17.05	5076.05	.01	523.50		
R 56	17.23	5099.66	.01	548.51		
R 63	17.35	5110.72	.01	560.21		
Base B	18.07	5112.85	+0.01 9.57	562.46		

Meter No. G 199Constant 1.05931Airborne Geophysical Surveys
Calgary, Alberta.Date 10/7/71Operator D.R. ROBERTSON

FIELD GRAVITY METER DATA

LINES 154W E 146WArea MAGUNDA RIVER

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE 'B'	2355	5112.92				
BASE 'B'	2400	5112.89	.00	562.46		
154W 56N	2438	5103.22	.00	552.18		
55	2443	5102.86	-.01	551.79		
54	2447	5101.63	.01	550.49		
53	2450	5100.90	.01	549.72		
52	2456	5099.52	.01	548.25		
51	0102	5096.95	.01	545.53		
50	0106	5095.94	.01	544.46		
49	0111	5094.90	.01	543.36		
48	0115	5093.98	.01	542.39		
47	0121	5092.32	.01	540.68		
46	0125	5089.62	.01	537.77		
45	0128	5087.72	.01	535.75		
44		NR	.01	N.R.		TOO SOFT
43	0141	5082.13	.01	529.83		
42	0145	5080.45	.01	528.05		
41		NR	.01	N.R.		COULDN'T FIND
40	0152	5077.44	.01	524.86		
39	0157	5075.51	.01	522.82		
38	0203	5073.41	.01	520.60		
37	0208	5072.34	.02	519.45		
36	0211	5071.21	.02	518.25		
35	0215	5070.19	.02	517.17		
34	0219	5069.30	.02	516.23		
33	0224	5068.16	.02	515.02		
32	0228	5066.90	.02	513.69		
31	0232	5065.38	.02	512.08		
30	0235	5064.34	.02	510.98		
29	0239	5062.96	.02	509.51		
28	0244	5061.81	.02	508.30		
27	0249	5061.15	.02	507.60		
26	0252	5060.62	.02	507.02		

Meter No. G 199

Constant 1.05981



Airborne Geophysical Surveys
Calgary, Alberta.

Date 10/7/71

Operator DR ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNDY RIVER

LINE 15W E 146W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
154W 25N	0256	5060.35	-0.07	506.75		
24	0300	5059.43	.02	505.78		
23	0303	5058.14	.02	504.91		
22	0307	5057.31	.02	503.53		
21	0310	5056.59	.02	502.77		
20	0314	5055.32	.02	501.42		
19	0317	5054.76	.02	500.83		
18	0321	5054.49	.02	500.54		
17	0324	5054.37	.02	500.42		
16	0328	5054.47	.02	500.52		
15	0332	5054.66	.03	500.71		
14	0335	5055.56	.03	501.67		
146W 14N	0354	5053.94	.03	499.95		
15	0358	5052.88	.03	498.83		
16	0401	5052.35	.03	498.26		
17	0404	5051.89	.03	497.78		
18	0408	5051.76	.03	497.64		
19	0411	5051.75	.03	497.63		
20	0415	5052.07	.03	497.97		
21	0418	5052.58	.03	498.51		
22	0422	5053.28	.03	499.25		
23	0426	5054.43	.03	500.47		
24	0431	5055.84	.03	501.96		
25	0434	5056.77	.03	502.95		
26	0438	5057.80	.03	504.04		
27	0441	5058.60	.03	504.89		
28	0445	5059.21	.03	505.53		
29	0448	5060.31	.03	506.70		
30	0452	5061.43	.03	507.88		
31	0456	5062.05	.03	508.54		
32	0500	5062.87	.04	509.40		
33	0503	5064.00	.04	510.60		
34	0507	5065.26	.04	511.93		

Meter No. G-199Constant 1.05931Line 162 WAirborne Geophysical Surveys
Calgary, Alberta.Date July 10, 1971Operator Marc GaleckiArea Magundy River

FIELD GRAVITY METER DATA

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
Base B	11.07	5112.85				
Base B	11.13	5112.85		562.46		Sta. 89 - 64 in very soft area
70	11.34	5111.43	.00	560.96		
69		NR	.00	-		Too soft
68	11.47	5111.91	.00	561.46		
67	11.51	5112.02	.00	561.58		
66		NR	.00	-		Too soft
65	11.56	5111.73	.05	561.27		
64	12.02	5110.25	.00	559.71		
63	12.06	5108.93	.00	558.31		
62	12.10	5106.55	.00	556.79		
61		NR	.00	-		Couldn't find
60	12.19	5104.90	.00	554.04 ?		soft; poor reading
59	12.24	5104.52	.00	553.64		
58	12.29	5103.43	.00	552.48		
57	12.34	5101.94	.00	550.90		
56	12.40	5101.71	.00	550.66		
55	12.48	5101.89	.00	550.85		
54	12.56	5102.44	.00	551.43		
53	13.01	5101.65	.00	550.60		
52	13.06	5100.92	.00	549.88		← (Flag down; approximated where it
51	13.13	5099.10	.00	547.89		stood) 51 → poor reading, soft
50	13.19	5097.33 ^{33?}	.00	546.02		
49	13.25	5095.42	.00	544.00		
48	13.30	5094.72	.00	543.25		
47	13.35	5094.97	.00	543.52		Old creek bed
46	-	NR	.00	-		Too soft - Too steep
45	13.46	5090.61	.00	538.90		
44	13.51	5088.61	.00	536.78		
✓ 43	13.56	5087.44	.00	535.54		
42	14.03	5085.39	.00	533.37		
41	14.12	5082.71	.00	530.53		
40	14.19	5080.01	100	527.67		Poor

Meter No. G-199

Constant 1.05931

Line 162 w



Airborne Geophysical Surveys
Calgary, Alberta.

FIELD GRAVITY METER DATA

Date July 10, 1971

Operator Marc Galecki

Area Magundy River

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
39	14.26	5078.76	00	526.35		
38	14.29	5077.56	00	525.08		
37	14.34	5076.33	00	527.77		
36	14.41	5074.63	00	521.97		
35	14.48	5073.79	00	521.08		
34	14.55	5072.92	+01	520.23		
33	15.02	5072.35	01	519.57		
32	15.07	5071.85	01	519.04		
31		NR	01	-		Couldn't find
30	15.13	5070.24	01	517.33		
29	15.17	5068.94	01	518.02		
28	15.21	5068.04	01	515.00		
27	15.27	5066.84	01	513.73		
26	15.36	5065.46	01	512.27		
25	15.42	5064.72	01	511.49		
24	15.46	5064.06	01	510.79		
23	15.52	5063.65	01	510.35		
22	15.57	5063.54	01	510.24		
21	16.02	5063.26	01	509.94		
20	16.07	5061.82	01	508.41		
19		NR	01	-		Couldn't find
18	16.13	5059.63	01	506.09		
17	16.19	5059.91	01	506.45		
16	16.25	5059.54	01	506.06		
15	16.33	5077.69	01	525.23?		
14	16.39	5060.59	01	507.11		
R 38	17.12	5077.69	01	525.23		525.08
R 43	17.21	5087.44	01	535.53		535.54
R 47	17.30	5093.90	01	542.40		542.52 ??? 543.45
R 55	17.46	5101.89	01	550.86		550.85
R 62	17.57	5106.50	01	555.74		555.79
Base B	18.12	5112.84	+01 / A59			

Meter No. G-199

Constant 1.05931

Line 166W



Airborne Geophysical Surveys
Calgary, Alberta.

FIELD GRAVITY METER DATA

Date July 10 1971

Operator Marc Galecki

Area Maguandy River

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
<u>Line 166W</u>						
Base B	8:48	5112.91				
Base B	8:54	5112.89	∞	562.46		
67	-	NR		-		Muskeg
66	9:05	5112.20		561.73		
65	9:12	5111.25		560.72		
64	9:19	5109.57		558.94		
63	9:26	5107.54	∞	556.79		
62	9:32	5105.39		554.52		
61	9:40	5102.17		551.10		
60	9:45	5102.17		551.10		
59	9:51	5102.43		551.38		
58	9:57	5101.44		550.33		
57	10:05	5099.49		548.27		
56	10:12	5098.46	∞	547.17		
55	10:18	5099.47		548.24		
54	10:23	5100.70		549.55		
53		NR		-		Muskeg
52	10:30	5100.36		549.19		soft
51	10:35	5100.97		549.83		
50	10:42	5099.03		547.78		
49	10:50	5097.20		545.84		
48	10:54	5094.78		543.28		
47	11:02	5094.82	∞	543.32		soft (poor)
46		NR		-		couldn't find
45	11:15	5089.65		537.84		
44	11:20	5088.17		536.27		
43	11:27	5088.00		536.09		
42	11:34	5087.94		536.09		
41	11:41	5086.39		534.39		
40	11:49	5084.36		532.24		
39	11:57	5081.93		529.73		
38	12:04	5079.81	∞	527.42		

Meter No. G-199

Constant 1.05931

Line 166 W



Airborne Geophysical Surveys
Calgary, Alberta.

FIELD GRAVITY METER DATA

Date July 10, 1971

Operator Marc Sabesti

Area Magundy River

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
37	12.17	5078.58	∞	526.12		
36	12.24	5077.02		524.46		
35	12.29	5074.63		521.94		
34	12.34	5074.44		521.73		
33	12.39	5073.90		521.16		
32	12.45	5073.58		520.82		
31	12.53	5073.17	∞	520.38		
30	13.00	5072.34		519.50		Soft ; poor reading
29	13.10	5071.82		518.95		
28	13.16	5070.62		517.68		
27	13.22	5069.27		516.25		
26	13.30	5067.87		514.77		
25	13.36	5066.83		513.67		
24	13.43	5065.90		512.68		
23	13.50	5065.29		512.04		
22	13.56	5064.74		511.45		
21	14.00	5064.30		510.99		
20	14.05	5064.45		511.15		Soft ; poor reading
19		NR	∞	-		Too soft
18	14.15	5063.89		510.55		
17	14.21	5063.25		509.88		
16	14.26	5062.78		509.38		P
15	14.31	5062.48		509.06		
14	14.39	5062.70		509.29		
Base B	15.35	5112.89	$\frac{20}{401}$			

Meter No. G 199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date July 2/71

Operator DR ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNDY RIVER

LINE 174W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
24 N	12:23	5070.11	.05	517.79		
23	12:28	5068.88	.05	516.49		
22	12:31	5068.13	-.05	515.69		
21	12:37	5067.94	-.06	515.48		
20	12:41	5067.64	.06	515.16		
19	12:44	5067.96	.06	515.50		
18	12:48	5067.39	.06	514.90		
17	12:52	5066.98	.06	514.46		
16	12:56	5066.64	.06	514.10		
15	12:59	5066.63	-.06	514.09		
14	13:03	5066.96	-.07	514.42		
13		NR	.07			Too wet
12	13:07	5067.36	.07	514.85		
11	13:11	5067.10	.07	514.58		
10	13:15	5066.99	.07	514.46		
9	13:20	5066.59	.07	514.04		
8	13:24	5065.75	-.07	513.15		
7	13:29	5064.69	-.08	512.02		
6	13:33	5063.13	.08	510.36		
5	13:39	5061.41	.08	508.54		
4	13:43	5059.76	.08	506.79		
3	13:47	5058.38	-.08	505.33		
2	13:52	5057.74	-.09	504.64		
1	13:55	5058.06	.09	504.98		
00	13:59	5058.73	.09	505.69		
15	14:03	5059.19	.09	506.18		
2	14:08	5059.85	.09	506.88		
3	14:11	5059.60	-.09	506.61		
4	14:15	5059.49	-.10	506.49		
R ₁₁ 12 N	14:32	5067.38	-.10	514.89		
R ₁₁ 28 N	14:44	5073.79	-.11	521.62		
R ₁₁ 41 W	14:57	5087.81	-.13	536.45		
R ₁₁ 55 N	15:12	5100.26	-.13	549.64		

Meter No. G199Constant 1.05931Airborne Geophysical Surveys
Calgary, Alberta.Date July 2/71Operator DR ROBERTSON

FIELD GRAVITY METER DATA

Area MAHUNDY RIVERLINE 174 W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE 'B'	9:34	5112.77		ASSUME.		
BASE 'B'	9:40	5112.74	00	563.00		Base value should be 562.96
174W 55N	10:01	5100.26	-01	549.78		Subtract .54 from all values
54	10:05	5099.12	.01	548.86		
53	10:08	5098.71	.01	548.13		
52	10:12	5098.87	.01	548.30		
51	10:16	5099.33	-01	548.78		
50	10:20	5099.51	-02	548.96		
49	10:25	5099.25	.02	548.69		SOFT
48	10:28	5098.79	.02	548.20		
47	10:33	5097.31	.02	546.64		
46	10:38	5095.19	-02	544.39		
45	10:45	5093.34	-03	542.42		
44	10:50	5092.18	.03	541.19		
43	10:56	5090.54	.03	539.45		
42	11:00	5089.10	.03	537.93		
41	11:05	5087.84	-03	536.59		
40		NR.	.03			COULDN'T FIND
39	11:11	5085.88	-04	534.30		
38		NR	.04			COULDN'T FIND
37	11:20	5085.28	.04	533.87		
36	11:25	5083.92	.04	532.43		
35	11:29	5082.64	.04	531.07		
34	11:33	5081.10	.04	529.44		
33	11:38	5079.27	.04	527.50		
32	11:47	5078.33	-04	526.51		SOFT.
31	11:51	5076.87	.04	524.96		
30	11:57	5075.41	.04	523.41		
29	12:01	5074.51	.04	522.46		
28	12:07	5073.76	-04	521.67		
27	12:11	5072.85	-05	520.69		
26	12:14	5071.86	.05	519.64		
25	12:19	5071.02	.05	518.75		

Meter No. G 199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date July 2/71

Operator DR ROBERTSON

Area MAGUNDY RIVER

FIELD GRAVITY METER DATA

LINE 178w-182w

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE B"	20:45	5112.93				
BASE B"	20:51	5112.90	-0.00	563.00		Base Value should be 562.46
R11 174w 55N	21:09	5100.30		549.65		Subtract .54 from all values following
178w 55N	21:16	5099.94	.00	549.27		
54	21:20	5099.47	-0.00	548.77		
55	21:24	5099.34	-0.01	548.63		SOFT
52	21:27	5099.05	.01	548.32		
51	21:32	5098.93	.01	548.24		
50	21:36	5099.03	.01	548.30		SOFT
49	21:40	5098.84	.01	548.10		
48	21:43	5098.45	.01	547.68		
47	21:48	5097.75	.01	546.94		SOFT
46	21:52	5097.02	.01	546.17		
45	21:57	5095.89	.01	544.97		
44	22:02	5094.56	.01	543.56		
43	22:05	5093.87	.01	542.83		
42	22:10	5094.93	.01	544.01		
41	22:16	5093.86	.01	542.82		SOFT & STEEP
40		NR	.01	NR		TOO STEEP TO SET UP METER.
39		NR	.01	NR		
38	22:27	5087.58	-0.01	536.17		
37	22:33	5086.91	-0.02	535.45		
36	22:38	5085.56	.02	534.02		
35	22:44	5084.24	.02	532.62		
34	22:50	5083.03	.02	531.34		
33	22:53	5082.14	.02	530.39		
32	22:57	5081.03	.02	529.22		
31	22:59	5079.40	.02	527.49		
30	23:05	5077.96	.02	525.97		
29	23:10	5076.72	.02	524.65		
28	23:14	5075.87	.02	523.75		
27	23:17	5074.86	.02	522.65		
26	23:22	5073.32	.02	521.05		

Meter No. G 199

Constant 1.05931



Airborne Geophysical Surveys
 Calgary, Alberta.

Date July 5/71

Operator M. GALESKI

FIELD GRAVITY METER DATA

Area MAGUNDY RIVER

LINE 186 W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE "B"	1350	5112.65				
BASE "B"	1357	5112.68		563.00		Base value should be 562.46
R1186W 76N	1413	5118.86	-01	569.54		Subtract .54 from all values
R1 56	1448	5097.27	-03	546.64		
R1 53	1536	5084.37	-06	532.95		
31	1543	5082.94	-07	531.48		
30	1553	5081.27	-07	529.65		
29		NR				Too soft
28	1627	5072.89	-09	525.99		
27		NR				Too soft
26	1737	5074.48	-14	522.39		
25	1747	5073.29	-14	521.13		
24	1759	5073.48	-15	521.32		
23	1812	5074.23	-16	522.10		
22		NR				Too soft
21		NR				Too soft
20	1851	5071.34	-17	519.03		
19	1840	5071.03	-17	518.70		
18	1849	5071.09	-18	518.75		
17	1859	5071.20	-19	518.86		
16		NR				COULDN'T FIND
15	1912	5072.99	-19	520.75		
BASE "B"	2011	5112.91	$\frac{23}{374}$	615 563.		

Meter No. 199-G

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date 4th JULY 1971

Operator A. ROBERTSON

FIELD GRAVITY METER DATA

Area MAGDOWAN RIVER

LINE 186 W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
47	22.10	5095.27	-110	544.23		
46	.14	5094.83	-10	543.76		
45	.18	5094.16	-11	543.04		
44	.21	5094.26	-11	543.15		
43	.25	5094.22	-11	542.06		
42	.28	5093.27	-12	543.20		
41	.33	5094.77	-12	545.68		Poor reading - soft.
40	38	N.R.				Too close to creek
39	.40	5093.29	-13	542.10		
38	.45	5091.99	-13	540.72		
37	.48	5090.33	-13	539.55		
36	.53	5089.74	-14	538.33		
35	22.57	5087.93	-14	536.41		
34	23.03	5086.52	-14	534.92		
33	.09	5084.65	-15	532.93		TRIPOD BROKE
BASE "B"	23.58	5113.08	-19	563.00		
			-19 -233	-782		

Meter No. 199-GConstant 1.05931Airborne Geophysical Surveys
Calgary, Alberta.Date 4th July 1971Operator D. ROBERTSONArea MAGUNBY RIVERLINE 186W

FIELD GRAVITY METER DATA

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
RAE "B"	19.55	5112.88		563.00		Base Value should be 562.46 Subtract .54 from following values
"	20.00	5112.89		563.00		
76	20.10	5119.12	-01	569.59		
75	.15	5119.08	-01	569.55		
74	.19	5118.93	-01	569.39		
73	.21	5117.83	-02	568.21		
72	.26	5116.39	-02	566.69		
71	.30	5114.10	-02	564.26		
70	.35	5111.49	-03	561.49		
69	.40	5108.90	-03	558.74		
68	.46	5105.99	-04	555.65		
67	.51	5103.00	-04	552.48		
66	.55	5100.76	-04	550.11		
65	20.59	5099.40	-05	548.66		
64	21.03	5098.88	-05	548.41		
63	06	5098.59	-05	547.80		
62	09	5098.27	-05	547.46		
61	11	5098.05	-06	547.22		
60	16	5097.76	-06	546.91		
59	19	5097.63	-06	546.77		
58	21	5097.44	-06	546.57		
57	24	5097.38	-07	546.50		
56	29	5097.14	-07	546.29		
55	32	5096.95	-07	546.04		
54	21.35	5096.61	-07	545.68		
53	21.39	5096.27	-08	545.31		TOOK SET RE-READ 21.45 5096.16
52	.52	5096.42	-09	545.46		∴ NOTE :- ADDED 0.11 to all readings from 52 down
51	.56	5096.14	-09	545.16		
50	21.59	5096.06	-09	545.08		
49	22.03	5095.61	-10	544.59		
48	22.07	5095.64	-10	544.62		

Meter No. G-199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date 9/7/61

Operator DR ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNDY RIVER

LINE 186 W & 190 W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE 'B'	1955	5112.91				
BASE "B"	2000	5112.92		562.46		
R// 186 W TSN	2011	5119.12		569.03		
R// 186 W SSN	2040	5097.22	.00	545.83		
190 W SSN	2050	5092.25	-.01	540.55		
54	2056	5090.81	.01	539.03		
53	2100	5089.29	.01	537.42		
52	2103	5089.62	.01	537.77		
51	2107	5089.20	.01	537.32		
50	2111	5088.64	.01	536.73		
49	2115	5087.28	.01	535.29		
48	2119	5088.35	.01	536.42		
47	2123	5089.22	.01	537.34		
46	2127	5087.87	.01	535.91		
45	2132	5086.29	.01	534.24		
44	2136	5086.72	.01	534.70		
43	2139	5087.55	.01	535.57		
42	2142	5087.97	.01	536.02		
41	2146	5088.34	.01	536.41		
40	2150	5088.58	.01	536.67		
39	2154	5089.00	.01	537.11		
38	2158	5089.57	.01	537.71		
37	2201	5090.19	.01	538.37		
36	2205	5091.08	.01	539.31		
35	2210	5091.39	.01	539.64		
34	2213	5089.66	.01	537.81		
33	2219	5088.47	.01	526.55		
32	2224	5086.96	.01	534.95		
31	2227	5085.51	.01	533.41		
30	2231	5083.94	.02	531.74		
29	2234	5082.02	.02	529.71		
28	2238	5080.19	.02	527.77		
27	2241	5078.60	.02	526.08		

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Meter No. G-199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date 9/7/71

Operator DR. ROBERTSON

FIELD GRAVITY METER DATA

LINE 186W E 190W

Area MAGNUDY RIVER

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
190W 26N	2246	5077.18	-.02	524.58		
25	2250	5075.63	.02	522.94		
24	2253	5074.15	.02	521.37		
23	2257	5075.28	.02	522.57		
22		NR	.02	—		TOO WET - MUSKEG
21	2302	5076.59	.02	523.95		
20	2306	5075.99	.02	523.32		
19	2310	5075.86	.02	523.18		
18		NR	.02	—		TOO SOFT.
17	2317	5074.81	.02	522.07		
16	2321	5073.64	.02	520.83		
15	2324	5073.19	.02	520.35		
14	2327	5073.16	.02	520.32		
186W 14N	2339	5070.74	.02	517.76		
13	2343	5070.05	.02	517.03		
12	2346	5069.92	.02	516.89		
11	2349	5069.89	.02	516.96 ?		
10	2352	5070.04	.02	517.02		
9	2356	5070.21	.02	517.20		VERY DULL NIGHT - USED LIGHTS TO LEVEL
BASE 'B'	2452	5112.95	$\frac{.03}{.292}$	562.46		ALL STATIONS - BATTERIES RUN LOW

Meter No. G 199Constant 1.05931Airborne Geophysical Surveys
Calgary, Alberta.Date AUG 4/71Operator DR ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNDY RIVERLINE 150W #138W

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE 'B'	822	5112.91				
BASE 'B'	826	5112.90		562.46		
150W 25N	932	5060.31		506.75		
26	936	5060.52		506.97		
150W 26	941	5059.47		505.86		CUTTING LINE.
R// 26	1149	5059.44		505.82		
27	1152	5060.63		506.77		
28	1156	5061.36		507.86		
29	1200	5061.90		509.44		
30	1203	5062.86		509.45		
31	1207	5063.91		510.56		
32	1210	5064.88		511.88		
33	1214	5066.18		512.97		
34	1218	5067.19		514.04		
35	1222	5068.71		515.65		
36	1227	5070.23		517.26		
37	1232	5071.46		518.56		
38	1237	5073.29		520.50		
39	1244	5075.17		522.49		
40	1249	5076.73		524.14		
41		NR.				CANNOT SET UP
42	1257	5078.78		526.32		
43	1302	5079.93		527.53		
44	1308	5081.25		528.93		
45	1314	5083.60		531.42		
46	1320	5085.76		533.71		
47	1326	5087.95		536.03		
48	1334	5090.19		538.10		
49	1339	5092.31		540.65		
50	1344	5093.84		542.27		
51	1349	5095.11		543.61		
52	1355	5096.38		544.96		
53	1402	5097.87		546.54		

SENSITIVITY = 1.0

Meter No. G-199Constant 1.05931Airborne Geophysical Surveys
Calgary, Alberta.Date Aug 3/71Operator DR ROBERTSON

FIELD GRAVITY METER DATA

EXT. LINES 122w → 138w

Area MAGUNDY RIVER

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
BASE 'B'	903	5112.83		562.46		
BASE 'B'	908	5112.85	00			
138w 70N	1000	5113.03	-01	562.64		
69	1005	5112.86	.01	562.46		
68	1008	5112.58	.01	562.16		
67	1013	5112.29	.01	561.86		
66	1016	5111.93	.01	561.47		
65	1019	5110.82	.01	560.30		
64	1023	5109.18	.01	558.56		
63	1028	5108.02	.01	557.33		
62	1031	5108.26	.01	557.59		
61	1036	5105.92	.01	555.11		
60	1041	5102.43	.01	551.41		
59		NR	.01			CANNOT SET UP
58	1047	5099.36	.02	548.15		
57	1050	5099.19	.02	547.97		
56	1054	5098.96	.02	547.72		
55	1058	5097.33	.02	546.00		SURVEYOR
R// 55	1137	5097.31	.02	545.98		
CL ①	1144	5098.08	.02	546.79		
134w 56N	1148	5098.22	.02	546.94		
SSN	1151	5096.90	.02	545.54		
CL ②	1157	5096.91	.03	545.54		
CL ③	1206	5095.55	.03	544.10		
130w 55N	1214	5095.25	.03	543.78		
54	1218	5094.03	.03	542.49		
CL ④	1223	5094.58	.03	543.07		
126w 55N	1235	5094.23	.03	542.70		
54	1240	5093.23	.03	541.64		
56	1246	5095.27	.03	543.81		
57	1250	5096.93	.03	545.56		
CL ⑤	1257	5093.49	.04	541.91		
122w 54N	1305	5091.60	.04	539.91		SURVEYOR

Meter No. G-199

Constant 1.05931



Airborne Geophysical Surveys
Calgary, Alberta.

Date AUG 3/71

Operator DR. ROBERTSON

FIELD GRAVITY METER DATA

Area MAGUNZY RIVER

EXT LINES 122w → 138w

Sta. No.	Time	Reading	Drift	Observed Gravity	H.H. H.I.	Weather and Remarks
122w ^{RH} 54N	1320	5091.61	.04	559.92		
55	1323	5092.99	.04	591.38		
56	1327	5093.14	.04	591.54		
57	1332	5095.48	.04	594.02		
58	1337	5098.16	.04	596.86		
59	1341	5101.43	.04	550.32		
60	1346	5102.17	.04	551.10		
61	1350	5100.76	.04	549.61		
62		NS *	.04			* NO STATION
63	1358	5106.05	.04	555.21		
64	1403	5106.94	.05	556.15		
65	1407	5107.75	.05	557.00		
^{RH} 61	1434	5100.85	.05	549.70		pool average. 549.65 lunch - surveyors
126w 62N	1445	5105.91	.05	555.06		
61	1451	5105.66	.05	554.79		
60	1456	5104.19	.05	553.23		
59	1501	5102.40	.05	551.34		
58	1507	5100.04	.05	548.82		
^{RH} 57	1512	5096.96	.06	545.56		
^{RH} 62	1519	5105.92	.06	555.06		
63	1523	5106.37	.06	553.53		
64	1527	5106.80	.06	555.99		
65		NS *	.06	560		
66	1531	5111.26	.06	560.71		
67	1536	5112.11	.06	561.55		
68	1540	5112.54	.06	562.07		
69	1543	5112.97	.06	562.52		
70	1547	5113.69	.06	563.29		
130w 70N	1554	5113.38	.06	562.96		
69	1558	5113.26	.06	562.83		
68	1602	5112.65	.06	562.18		
67	1607	5111.68	.06	561.16		
66		NS *	.06			

