MX CLAIM GROUP

GRAVIMETRIC AND MAGNETIC SURVEY

TWELVE MILES SOUTHWEST OF CRANBROOK, 49° 115° S.W.

REPORT BY: R. CURRIE

SUPERVISED BY: R. GIFFORD, P.ENG.

RECORDED OWNER: MERCURY EXPLORATIONS LIMITED

PERIOD OF WORK: MAY 1st to JUNE 10th, 1969

1876

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Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 1876 MAP

MX CLAIM GROUP

GRAVIMETRIC & MAGNETIC SURVEY

FORT STEELE M.D., 49° 115° S.W.

INTRODUCTION:

Gravimetric and Magnetic surveys were undertaken on the MX group of claims on the Monroe Lake Property between May 1st and June 10th, 1969. Work was done by Mercury Explorations Limited, Vancouver, British Columbia, under the supervision of R. Gifford, P.Eng.

The claims cover a lead-zinc prospect situated near Monroe Lake in the Fort Steele Mining Division twelve miles southwest of Cranbrook, British Columbia. The property lies on the north side of Lamb Creek at 4,600 feet elevation, latitude 49° 21' N, longitude 115° 53' W, and N.T.S. 82G-5. Access is obtained by five miles of logging road from Highway 3.

The terrain is mountainous with moderate local relief. The slopes are forested and rise 1,000 feet out of the Lamb Creek Valley. About one-quarter of the area surveyed shows rock outcrop.

Boulders containing significant values in lead and zinc occur on the property and the work in May, 1969 was directed toward locating the source of this material.

The following list gives the category and time for personnel in the employed in the field program:

Supervision	R. Gifford	4 days
Gravimetric Survey		
Party Chief	R. Currie	4 days
Stadia	K. Fehr	9 days
	R. Schultz	9 days
Meter	K. McPhee	9 days
Magnetic Survey	K. McPhee	2 days

GRAVIMETRIC SURVEY

(1) Elevation and Horizontal Control.

The grid was initiated from an arbitrary datum and stations were established at 100 foot intervals along roads and old survey lines which covered the area. Elevations and horizontal distances were established with a WILD RDS transit. Elevation closures were kept within one foot.

(2) Gravity Meter

Gravity was measured with a Worden Gravity Meter No. 784 which has a scale constant of 0.0964(4) milligals per scale division.

(3) Metering Procedure.

A base station was established on the property which was reoccupied at two to three hour intervals. Instrument drift was within acceptable limits.

(4) Computing Procedures.

Reduction of the observed field data to Bouguer values was conducted by accepted methods as follows:

(a) As the observed values of gravity are in scale divisions, the observed values are first multiplied by the instrument scale constant and an arbitrary prospect correction is applied.

(b) Diurnal and meter drift was established by repeat observations at the Base Station. Drift was then mathamatically proportioned between the stations on each run.

GRAVIMETRIC SURVEY - cont'd

(c) The height of the instrument was measured at each station. This free air correction was added at each station.

(d) The Zone B topographic correction was applied at each station.

(e) A theoretical latitude correction datum was established and the correction of $\pm$ 0.244 gravity units per hundred feet was applied. This correction is appropriate for a station at the property latitude.

(f) A free air correction of 0.9401 gravity units per foot was applied. This value is theoretically calculated for the latitude of the station.

(g) A Bouguer correction of 0.3445 gravity units per foot was determined from 'density profiles' and a knowledge of the rock types present.

In summary, the form of the calculation is:
(observed value (s.d.) + prospect correction) * (instrument scale constant) + drift correction + height of instrument correction + ZONE B topographic correction + (free air factor) * (elevation with respect to datum) + (Bouguer density factor) * (elevation with respect to datum) = Bouguer gravity.

GRAVIMETRIC SURVEY - cont'd

All calculations were performed by R.G. Currie on the I.B.M. 360/67 at the University of British Columbia Computing Centre. The reduction is shown on data sheets included in this report.

MAGNETIC SURVEY

The magnetic survey was carried out over the same grid as that of the gravimetric survey. The values obtained were uniform in character and no significant magnetic response was indicated.

The survey was done with a Scintrex MF-1 fluxgate magnetometer. The instrument provides a relative measure of the vertical component of the earth's magnetic field and reads directly in gammas with a readability of five gammas per scale division on the 1,000 scale range.

Survey control by stadia survey with 100-foot stations on lines spaced 400 feet apart. Base values of magnetic intensity were determined at convenient points in the surveyed area and base check readings were made at two-hour intervals to establish the diurnal correction. The values obtained for the vertical magnetic component corrected to $\pm$ 20 gammas are shown on Plate 2.

CONCLUSIONS

No anomalous areas were indicated by the Bouguer gravity map or the magnetic survey.

Report by: Ralph G. Currie

Ralph G. Currie

Supervised by: R. G. Gifford

R. G. Gifford P.Eng.

MX CLAIM GROUP

GRAVIMETRIC & MAGNETIC SURVEY

FORT STEELE M.D., 49° 115° S.W.

Statement of Expenditures - May 1st to June 10th, 1969

Salaries			
R. Currie	4 days	$200	
K. Fehr	9 days	360	
R. Gifford	4 days	200	
K. McPhee	11 days	385	
R. Schultz	9 days	315	
Sub-total		$1,460	$1,460.00
Camp Support			
31 man-days @ $15 per man/day			365.00
Transportation			
Ford Van with winch, 15 days @ $15 per day			225.00
Instrument Rentals			
Magnetometer, 1/2 month @ $300 per month		$150	
Worden Gravimeter, 1/2 month @ $600 "		300	
Survey instruments, 1/2 month @ $300 "		150	
Sub-total		$600	600.00
Data Reduction			
Computer time and key punch			50.00
TOTAL - May 1 - June 10			$2,700.00

Declared before me at the City of Vancouver, in the Province of British Columbia, this 11 day of June 1969, A.D.

Julie Turner

A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia.

R. Clifford

SUB-MINING RECORDER

STATEMENT OF QUALIFICATIONS

Ralph Gordon Currie.

B.Sc. (Honours Physics & Geophysics, U.B.C., 1965)
A section of this program was devoted to the theory and use of gravity meters as well as the interpretation of gravity data. Magnetometers and the interpretation of magnetic data was also discussed.

M.Sc. (Geophysics, U.B.C., 1968.)
As a graduate student I assisted with a regional gravity survey conducted by the Geophysics Department and, for two years, taught the laboratory and field portion of an Applied Geophysics course. This course included gravity and magnetic techniques.

During July 1968, I metered and reduced the gravity data on a 13 line mile project for Central B.C. Exploration Ltd. (N.P.L.).

During August 1968, I metered and performed the gravity data reduction on a 15 line mile project for Mercury Explorations Ltd. (N.P.L.).

March - May 1969 I supervised a gravity project and performed the data reduction on a 70 line-mile project for Mercury Explorations Ltd. (N.P.L.).

Ralph G. Currie

CERTIFICATE

I, ROBERT G. GIFFORD OF VANCOUVER B.C. DO HEREBY CERTIFY THAT:

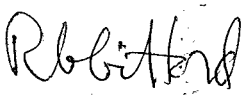
I AM A GRADUATE OF THE UNIVERSITY OF BRITISH COLUMBIA WHERE I OBTAINED MY BATCHELOR OF APPLIED SCIENCE, GEOLOGY IN 1962.

I AM A GEOLOGICAL ENGINEER IN THE EMPLOY OF MERCURY EXPLORATIONS LIMITED, VANCOUVER, B.C., AND A REGISTERED MEMBER IN GOOD STANDING OF THE ASSOCIATION OF PROFESSIONAL ENGINEERS OF BRITISH COLUMBIA.

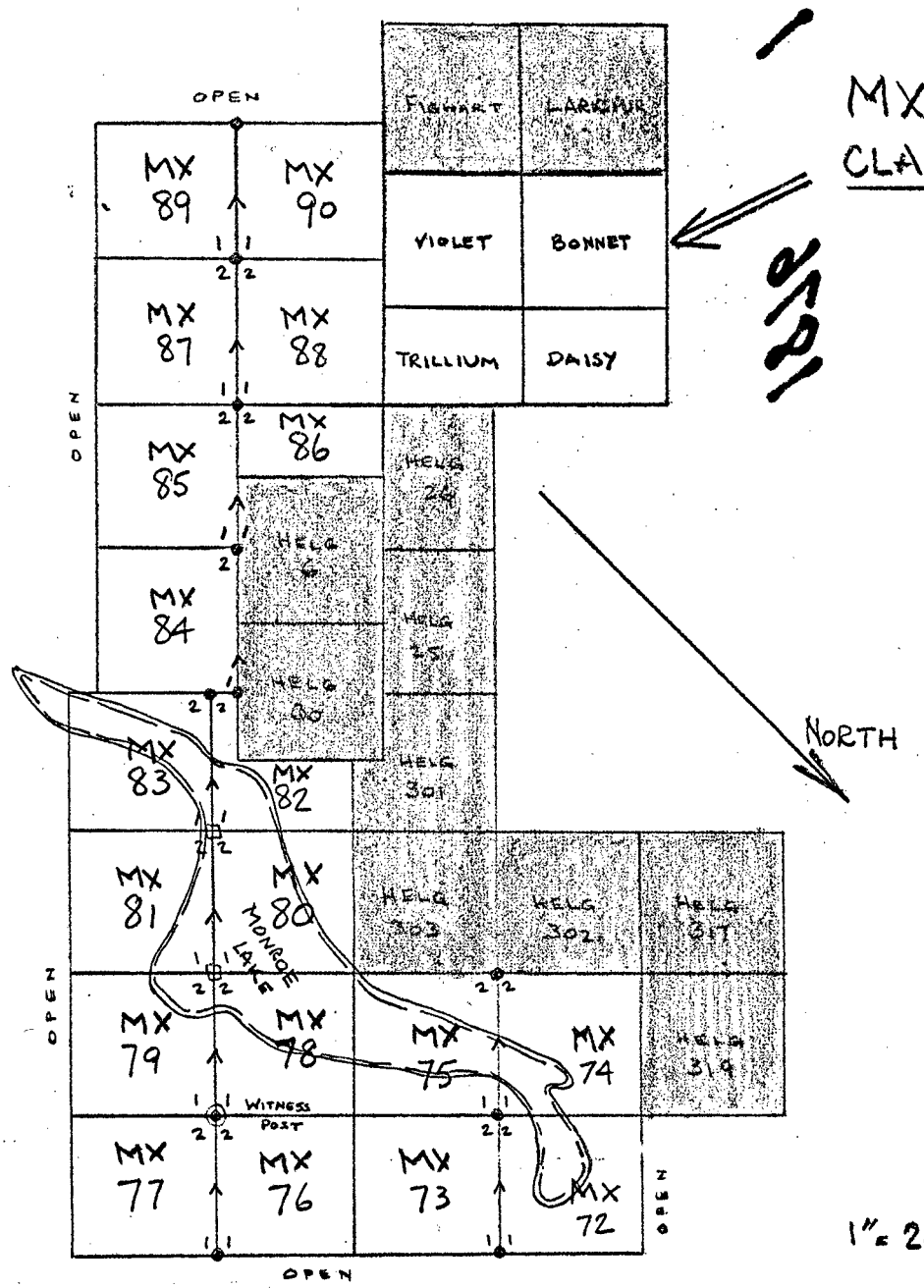
I HAVE BEEN ENGAGED CONTINUOUSLY IN MINING AND EXPLORATION GEOLOGY IN THE EMPLOY OF COMINCO LIMITED FROM MAY 1958 to JULY 1967, IN THE EMPLOY OF P. H. SEVENSMA CONSULTANTS LIMITED, VANCOUVER, B.C. FROM JULY 1967 to APRIL 1968, AND IN THE EMPLOY OF MERCURY EXPLORATIONS LIMITED SINCE APRIL 1968.

I HAVE PERSONALLY SUPERVISED THE EXPLORATION PROGRESS ON THE CLAIMS WHICH ARE THE SUBJECT OF THIS REPORT.

RESPECTFULLY SUBMITTED,



R. G. GIFFORD, P.ENG.



MX No. 1
CLAIM GROUP

LOCATION MAP
MONROE LAKE PROPERTY

FORT STEELE M.D. PLATE 1.

ACCOMPANIES: GRAVIMETRIC & MAGNETIC REPORT, R. CURRIE, JUNE 10/69

MERCURY EXPL MONROE LAKE

YEAR+STAT	ELEV	OG(SD)	OG(GU)	HI+DRIFT	LAT CORR	BG D=2.1	BG D=2.2	BG D=2.3	BG D=2.4	BG D=2.5	BG D=2.6	BG D=2.7
69-0A	245.6	1437.4	415.0	3.0	1.3	580.1	576.9	573.8	570.7	567.5	564.4	561.3
69-C	271.1	1422.5	400.2	2.5	1.1	582.4	578.9	575.5	572.0	568.6	565.1	561.6
69-61	294.2	1408.7	387.0	2.7	1.0	584.8	581.0	577.2	573.5	569.7	566.0	562.2
69-62	319.7	1392.9	371.6	2.5	0.8	586.5	582.4	578.3	574.3	570.2	566.1	562.0
69-63	347.7	1376.5	355.6	2.3	0.6	589.3	584.9	580.5	576.0	571.6	567.2	562.7
69-64	373.7	1360.7	340.2	2.2	0.4	591.4	586.6	581.9	577.1	572.3	567.6	562.8
69-65	405.5	1341.3	321.2	1.9	0.2	593.8	588.6	583.4	578.3	573.1	567.9	562.8
69-66	431.9	1325.7	306.3	2.0	0.1	596.6	591.1	585.6	580.1	574.6	569.1	563.6
69-67	465.2	1305.4	286.5	1.7	-0.1	599.1	593.2	587.3	581.3	575.4	569.5	563.5
69-68	496.5	1287.3	268.3	1.0	-0.2	602.0	595.7	589.4	583.0	576.7	570.4	564.0
69-69	532.1	1264.8	246.7	1.1	-0.4	604.4	597.6	590.8	584.0	577.2	570.4	563.7
69-70	565.2	1244.6	227.4	1.3	-0.6	607.3	600.1	592.9	585.7	578.5	571.2	564.0
69-71	603.7	1222.0	205.5	1.1	-0.7	611.3	603.6	595.9	588.2	580.5	572.8	565.1
69-28F	627.0	1209.7	193.6	1.1	-0.8	615.1	607.1	599.1	591.1	583.1	575.1	567.1

GRAVITY METER SCALE CONSTANT 0.964

MERCURY EXPL MONROE L. DENSITY PROFILE

YEAR+STAT	ELEV	OG(SD)	OG(GU)	HI+DRIFT	LAT CORR	BG D=2.1	BG D=2.2	BG D=2.3	BG D=2.4	BG D=2.5	BG D=2.6	BG D=2.7
B60+00	14.8	1171.1	156.4	-0.4	-1.7	166.4	166.2	166.0	165.8	165.6	165.4	165.3
0+25	11.8	1172.3	157.6	-0.4	-1.7	165.5	165.4	165.2	165.1	164.9	164.8	164.6
0+50	1.3	1179.2	164.3	-0.3	-1.6	165.2	165.2	165.2	165.2	165.1	165.1	165.1
0+75	1.3	1178.8	163.9	-0.4	-1.6	164.7	164.7	164.7	164.7	164.7	164.6	164.6
1+00	8.4	1172.6	157.9	-0.4	-1.6	163.6	163.5	163.4	163.3	163.2	163.0	162.9
1+25	8.8	1171.5	156.7	-0.6	-1.6	162.6	162.5	162.4	162.2	162.1	162.0	161.9

GRAVITY METER SCALE CONSTANT 0.964

MERCURY EXPL MONROE L. DENSITY PROFILE

YEAR+STAT	ELEV	OG(SD)	OG(GU)	HI+DRIFT	LAT CORR	BG D=2.1	BG D=2.2	BG D=2.3	BG D=2.4	BG D=2.5	BG D=2.6	BG D=2.7
B60+00	14.4	1406.9	2333.8	0.9	0.8	2343.5	2343.3	2343.1	2342.9	2342.8	2342.6	2342.4
0+25	13.3	1407.8	2334.6	0.9	0.8	2343.6	2343.4	2343.2	2343.1	2342.9	2342.7	2342.6
0+50	10.5	1409.5	2336.3	0.9	0.8	2343.4	2343.2	2343.1	2343.0	2342.8	2342.7	2342.6
0+75	7.0	1411.8	2338.5	0.9	0.7	2343.2	2343.1	2343.0	2342.9	2342.8	2342.7	2342.6
1+00	5.8	1412.4	2339.0	0.8	0.7	2342.9	2342.8	2342.8	2342.7	2342.6	2342.6	2342.5
1+25	8.5	1410.4	2337.1	0.9	0.7	2342.8	2342.7	2342.6	2342.5	2342.4	2342.3	2342.2
1+50	11.7	1407.6	2334.2	0.6	0.7	2342.0	2341.9	2341.7	2341.6	2341.4	2341.3	2341.1
1+75	10.8	1407.8	2334.3	0.6	0.6	2341.6	2341.5	2341.3	2341.2	2341.0	2340.9	2340.8

GRAVITY METER SCALE CONSTANT 0.964

MERCURY EXPL MONROE LAKE

YEAR+STAT	ELEV	CG(SD)	CG(GU)	HI+DRIFT	LAT CORR	BG D=2.1	BG D=2.2	BG D=2.3	BG D=2.4	BG D=2.5	BG D=2.6	BG D=2.7
69-0A	245.7	1440.5	415.0	3.0	1.3	580.1	577.0	573.9	570.7	567.6	564.5	561.3
69-08	230.2	1448.2	422.4	2.9	1.4	577.1	574.2	571.2	568.3	565.4	562.4	559.5
69-61	294.2	1411.7	386.6	2.4	1.0	584.4	580.6	576.9	573.1	569.3	565.6	561.8
69-72	322.6	1395.2	370.2	1.9	0.7	587.0	582.9	578.8	574.7	570.6	566.5	562.4
69-73	351.1	1377.2	353.0	2.0	0.5	588.9	584.5	580.0	575.5	571.0	566.5	562.1
69-60+15	355.7	1374.0	350.0	2.1	0.5	589.1	584.6	580.0	575.5	571.0	566.4	561.9
69-74	360.0	1371.8	347.7	1.9	0.4	589.7	585.1	580.5	575.9	571.3	566.7	562.1
69-74+90	359.5	1368.2	344.2	1.9	0.3	585.9	581.3	576.7	572.1	567.5	562.9	558.3
69-76	377.7	1355.4	331.6	1.7	0.0	585.5	580.7	575.9	571.0	566.2	561.4	556.6
69-77	376.0	1356.2	331.9	1.2	-0.1	584.7	579.9	575.1	570.3	565.5	560.7	555.9
69-77+58	379.2	1353.2	328.8	1.0	-0.2	583.7	578.9	574.0	569.2	564.3	559.5	554.7
69-78	387.5	1348.0	323.7	0.9	-0.3	584.2	579.2	574.3	569.3	564.4	559.5	554.5
69-79	394.3	1345.1	320.5	0.5	-0.6	585.5	580.5	575.5	570.4	565.4	560.4	555.3
69-80	375.9	1355.3	330.2	0.3	-0.7	582.8	578.0	573.2	568.4	563.6	558.8	554.0
69-81	348.4	1371.2	345.6	0.4	-0.9	579.8	575.3	570.9	566.4	562.0	557.5	553.1
69-81+80	327.1	1383.8	357.3	-0.0	-1.0	577.2	573.0	568.8	564.7	560.5	556.3	552.1
69-83	303.9	1396.4	369.2	-0.3	-1.3	573.4	569.5	565.7	561.8	557.9	554.0	550.2
69-83+70	289.9	1403.5	376.0	-0.4	-1.4	570.8	567.1	563.4	559.7	556.0	552.3	548.6
69-85	261.2	1419.8	391.5	-0.6	-1.6	567.0	563.7	560.4	557.0	553.7	550.4	547.0
69-85+50	249.2	1425.4	396.5	-1.0	-1.7	564.0	560.8	557.6	554.4	551.2	548.1	544.9
69-86	502.5	1277.8	254.6	-0.6	-1.2	592.3	585.9	579.5	573.1	566.7	560.3	553.9
69-87	459.5	1304.1	280.6	0.1	-1.2	589.4	583.6	577.7	571.8	566.0	560.1	554.2
69-88	413.4	1333.5	308.4	-0.4	-1.1	586.3	581.0	575.8	570.5	565.2	559.9	554.7
69-89	387.7	1349.2	323.7	-0.3	-1.1	584.3	579.3	574.4	569.4	564.5	559.5	554.6
69-90	362.9	1363.2	337.3	-0.2	-1.1	581.2	576.6	572.0	567.3	562.7	558.1	553.5
69-81+80	327.1	1384.2	357.4	-0.4	-1.1	577.2	573.1	568.9	564.7	560.5	556.4	552.2
69-91	292.6	1403.3	375.7	-0.4	-1.0	572.4	568.7	565.0	561.2	557.5	553.8	550.0
69-92	253.6	1426.8	398.4	-0.5	-1.0	568.8	565.6	562.3	559.1	555.9	552.6	549.4
69-93	206.2	1454.8	425.5	-0.3	-1.0	564.1	561.4	558.8	556.2	553.5	550.9	548.3
69-94	154.9	1485.7	455.4	-0.2	-0.9	559.5	557.5	555.5	553.6	551.6	549.6	547.6
69-95	117.0	1508.6	477.2	-0.5	-0.9	555.8	554.4	552.9	551.4	549.9	548.4	546.9
69-95+77	79.6	1528.3	496.5	-0.1	-0.9	550.0	549.0	548.0	547.0	546.0	544.9	543.9
69-96+59	28.9	1558.0	525.1	-0.2	-0.8	544.5	544.1	543.8	543.4	543.0	542.7	542.3

GRAVITY METER SCALE CONSTANT 0.964

MERCURY EXPL MONROE LAKE

YEAR+STAT	ELEV	OG(SD)	OG(GU)	HI+DRIFT	LAT CORR	BG D=2.1	BG D=2.2	BG D=2.3	BG D=2.4	BG D=2.5	BG D=2.6	BG D=2.7
69-41+33	810.2	1095.9	82.8	-1.5	-2.8	627.4	617.1	606.7	596.4	586.0	575.7	565.4
69-41A	828.1	1085.7	72.8	-1.8	-2.8	629.4	618.8	608.2	597.7	587.1	576.5	566.0
69-41B	847.4	1072.0	59.7	-1.6	-2.9	629.3	618.5	607.6	596.8	586.0	575.2	564.4
69-47+45	695.5	1168.2	153.7	-0.3	-1.7	621.2	612.3	603.4	594.6	585.7	576.8	568.0
69-49	682.0	1172.9	158.1	-0.5	-1.5	616.5	607.7	599.0	590.3	581.6	572.9	564.2
69-50	659.3	1187.0	172.0	-0.1	-1.3	615.2	606.8	598.3	589.9	581.5	573.1	564.7
69-50+85	635.3	1201.2	185.9	0.0	-1.2	612.9	604.8	596.7	588.6	580.5	572.4	564.3
69-52	612.9	1212.4	197.0	0.3	-1.0	608.9	601.1	593.3	585.5	577.7	569.8	562.0
69-53	576.6	1236.4	220.0	0.2	-0.8	607.5	600.2	592.8	585.5	578.1	570.7	563.4
69-54	547.8	1254.6	237.7	0.3	-0.7	605.9	598.9	591.9	584.9	577.9	570.9	563.9
69-55	526.3	1266.8	249.4	0.3	-0.6	603.1	596.4	589.7	583.0	576.2	569.5	562.8
69-56+18	494.8	1287.6	269.7	0.5	-0.3	602.2	595.9	589.6	583.3	577.0	570.7	564.4
69-57+18	484.1	1291.2	273.2	0.6	-0.1	598.6	592.4	586.2	580.1	573.9	567.7	561.5
69-58	452.6	1311.4	292.8	0.7	0.0	597.0	591.3	585.5	579.7	573.9	568.2	562.4
69-58+70	436.6	1319.6	301.3	1.3	0.2	594.7	589.2	583.6	578.0	572.4	566.9	561.3
69-59+50	392.3	1348.4	329.2	1.5	0.4	592.9	587.9	582.9	577.9	572.9	567.9	562.9
~~69-60+15~~	~~363.3~~	~~1370.0~~	~~350.0~~	~~1.4~~	~~0.5~~	~~594.2~~	~~589.6~~	~~584.9~~	~~580.3~~	~~575.7~~	~~571.0~~	~~566.4~~

GRAVITY METER SCALE CONSTANT 0.964

MERCURY EXPL. MONROE LAKE

YEAR+STAT	ELEV	CG(SD)	CG(GU)	HI+DRIFT	LAT CORR	BG D=2.1	BG D=2.2	BG D=2.3	BG D=2.4	BG D=2.5	BG D=2.6	BG D=2.7
69-0	271.1	1412.5	400.3	2.7	1.1	582.5	579.1	575.6	572.1	568.7	565.2	561.8
69-1	268.1	1413.6	401.0	2.3	1.2	581.2	577.8	574.4	570.9	567.5	564.1	560.7
69-2	281.6	1407.5	395.8	2.9	1.3	585.1	581.5	577.9	574.3	570.7	567.1	563.5
69-3	297.6	1398.7	387.5	3.1	1.5	587.5	583.7	579.9	576.1	572.3	568.5	564.7
69-4	309.3	1391.7	380.9	3.3	1.7	588.8	584.8	580.9	576.9	573.0	569.0	565.1
69-5	312.2	1390.9	380.6	3.8	2.0	590.5	586.5	582.5	578.5	574.5	570.5	566.6
69-5A	287.0	1406.2	395.1	3.5	2.1	588.0	584.3	580.7	577.0	573.4	569.7	566.0
69-5B	259.0	1423.4	411.7	3.5	2.2	585.7	582.4	579.1	575.8	572.5	569.2	565.9
69-5+35	322.2	1384.8	374.2	3.3	2.0	590.8	586.7	582.6	578.5	574.4	570.2	566.1
69-6+15	333.8	1377.1	366.5	3.0	1.9	590.9	586.6	582.4	578.1	573.8	569.6	565.3
69-7	357.9	1363.8	353.7	3.0	1.7	594.2	589.7	585.1	580.5	576.0	571.4	566.8
69-8	382.9	1349.7	339.8	2.7	1.6	597.2	592.3	587.4	582.5	577.6	572.8	567.9
69-9	409.9	1334.1	324.8	2.7	1.5	600.3	595.0	589.8	584.6	579.3	574.1	568.9
69-10	433.4	1321.0	312.0	2.5	1.3	603.3	597.8	592.2	586.7	581.2	575.6	570.1
69-11	454.6	1309.5	300.9	2.5	1.2	606.4	600.6	594.8	589.0	583.2	577.4	571.6
69-12	477.1	1296.7	288.2	2.2	1.1	608.9	602.8	596.7	590.6	584.5	578.5	572.4
69-13	504.6	1280.8	272.8	2.1	1.1	611.9	605.5	599.1	592.6	586.2	579.8	573.3
69-14	526.6	1268.4	260.4	1.7	1.0	614.3	607.6	600.9	594.2	587.5	580.7	574.0
69-15	546.6	1256.5	249.1	1.9	1.0	616.5	609.6	602.6	595.6	588.6	581.7	574.7
69-16	577.6	1237.7	230.9	1.7	0.9	619.1	611.7	604.4	597.0	589.6	582.2	574.9
69-17+16	608.1	1220.8	214.6	1.8	0.9	623.3	615.6	607.8	600.1	592.3	584.6	576.8
69-18	620.6	1212.8	207.9	2.7	0.9	625.0	617.1	609.2	601.2	593.3	585.4	577.5
69-19	636.2	1204.6	200.2	2.9	1.0	627.8	619.7	611.6	603.4	595.3	587.2	579.1
69-20	651.2	1197.1	192.1	2.1	1.1	629.8	621.5	613.1	604.8	596.5	588.2	579.9
69-21+16	668.0	1185.9	181.1	1.9	1.2	630.1	621.6	613.0	604.5	596.0	587.5	578.9
69-22	675.4	1181.7	177.1	1.9	1.2	631.0	622.4	613.8	605.2	596.6	587.9	579.3
69-23	704.7	1163.5	159.6	1.9	1.2	633.2	624.2	615.2	606.2	597.2	588.3	579.3
69-24	732.7	1145.4	141.9	1.8	1.2	634.4	625.1	615.7	606.4	597.0	587.7	578.3
69-25	756.2	1132.7	129.5	1.6	1.3	637.8	628.1	618.5	608.8	599.2	589.5	579.9
69-17+16	608.1	1221.5	214.7	1.2	0.9	623.4	615.7	607.9	600.2	592.4	584.6	576.9
69-26	596.8	1226.2	219.3	1.2	0.7	620.4	612.8	605.2	597.6	589.9	582.3	574.7
69-27	588.8	1230.2	222.9	1.0	0.6	618.6	611.1	603.6	596.1	588.6	581.1	573.6
69-28+09	602.5	1221.0	213.7	0.6	0.3	618.6	611.0	603.3	595.6	587.9	580.2	572.5
69-28A	613.3	1213.1	205.9	0.5	0.1	618.2	610.3	602.5	594.7	586.9	579.0	571.2
69-29	632.2	1202.5	195.5	0.3	0.1	620.4	612.4	604.3	596.2	588.2	580.1	572.0
69-30	659.5	1185.8	179.2	0.1	-0.1	622.5	614.1	605.6	597.2	588.8	580.4	572.0
69-30+50	673.5	1177.0	170.6	-0.0	-0.2	623.3	614.7	606.1	597.5	588.9	580.3	571.7
69-31	682.4	1171.0	164.7	-0.1	-0.3	623.4	614.7	606.0	597.3	588.6	579.8	571.1
69-32	693.0	1164.4	157.7	-0.8	-0.6	623.5	614.7	605.8	597.0	588.1	579.3	570.4
69-33	691.3	1164.9	158.5	-0.4	-0.8	623.2	614.4	605.6	596.7	587.9	579.1	570.3
69-34	695.2	1162.2	155.4	-0.9	-1.0	622.7	613.8	605.0	596.1	587.2	578.3	569.5
69-35	707.2	1155.2	148.4	-1.3	-1.3	623.7	614.7	605.6	596.6	587.6	578.6	569.5
69-36	709.4	1152.9	146.4	-1.0	-1.5	623.2	614.1	605.1	596.0	587.0	577.9	568.9
69-37	716.3	1148.5	141.4	-1.7	-1.7	622.9	613.7	604.6	595.5	586.3	577.2	568.0
69-38	737.1	1135.5	128.0	-2.6	-2.0	623.4	614.0	604.6	595.2	585.8	576.4	567.0

-24	732.7	1145.4	141.9	1.8	1.2	634.4	625.1	615.7	606.4	597.0	587.7	578.3
-25	756.2	1132.7	129.5	1.6	1.3	637.8	628.1	618.5	608.8	599.2	589.5	579.9
-17+16	608.1	1221.5	214.7	1.2	0.9	623.4	615.7	607.9	600.2	592.4	584.6	576.9
-26	596.8	1226.2	219.3	1.2	0.7	620.4	612.8	605.2	597.6	589.9	582.3	574.7
-27	588.8	1230.2	222.9	1.0	0.6	618.6	611.1	603.6	596.1	588.6	581.1	573.6
-28+09	602.5	1221.0	213.7	0.6	0.3	618.6	611.0	603.3	595.6	587.9	580.2	572.5
-28A	613.3	1213.1	205.9	0.5	0.1	618.2	610.3	602.5	594.7	586.9	579.0	571.2
-29	632.2	1202.5	195.5	0.3	0.1	620.4	612.4	604.3	596.2	588.2	580.1	572.0
-30	659.5	1185.8	179.2	0.1	-0.1	622.5	614.1	605.6	597.2	588.8	580.4	572.0
-30+50	673.5	1177.0	170.6	-0.0	-0.2	623.3	614.7	606.1	597.5	588.9	580.3	571.7
-31	682.4	1171.0	164.7	-0.1	-0.3	623.4	614.7	606.0	597.3	588.6	579.8	571.1
-32	693.0	1164.4	157.7	-0.8	-0.6	623.5	614.7	605.8	597.0	588.1	579.3	570.4
-33	691.3	1164.9	158.5	-0.4	-0.8	623.2	614.4	605.6	596.7	587.9	579.1	570.3
-34	695.2	1162.2	155.4	-0.9	-1.0	622.7	613.8	605.0	596.1	587.2	578.3	569.5
-35	707.2	1155.2	148.4	-1.3	-1.3	623.7	614.7	605.6	596.6	587.6	578.6	569.5
-36	709.4	1152.9	146.4	-1.0	-1.5	623.2	614.1	605.1	596.0	587.0	577.9	568.9
-37	716.3	1148.5	141.4	-1.7	-1.7	622.9	613.7	604.6	595.5	586.3	577.2	568.0
-38	737.1	1135.5	128.0	-2.6	-2.0	623.4	614.0	604.6	595.2	585.8	576.4	567.0
-39	763.1	1119.3	112.9	-2.1	-2.2	625.8	616.1	606.3	596.6	586.9	577.1	567.4
-40	786.7	1104.6	98.6	-2.2	-2.4	627.4	617.3	607.3	597.2	587.2	577.2	567.1
-41+33	810.2	1089.9	83.6	-3.0	-2.8	628.2	617.9	607.5	597.2	586.8	576.5	566.2
-42	797.3	1098.2	92.0	-2.7	-2.5	627.9	617.7	607.6	597.4	587.2	577.0	566.9
-42+75	783.7	1106.1	99.5	-2.8	-2.5	626.3	616.3	606.3	596.3	586.3	576.3	566.3
-44	755.2	1122.7	115.8	-2.5	-2.2	623.4	613.7	604.1	594.5	584.8	575.2	565.5
-45	733.7	1135.7	128.5	-2.4	-2.1	621.6	612.2	602.9	593.5	584.2	574.8	565.4
-46	713.3	1147.8	140.3	-2.2	-1.9	619.8	610.7	601.6	592.4	583.3	574.2	565.1
-47	693.8	1159.6	151.7	-2.2	-1.8	618.0	609.2	600.3	591.5	582.6	573.8	564.9
-47+45	689.3	1161.9	154.0	-2.1	-1.7	617.3	608.5	599.7	590.9	582.1	573.3	564.5
-28F	669.9	1173.7	165.7	-1.8	-1.5	615.9	607.4	598.8	590.3	581.7	573.2	564.6
-28G	647.2	1189.3	180.9	-1.6	-1.2	615.9	607.6	599.3	591.1	582.8	574.6	566.3
-28F	632.1	1198.7	189.9	-1.6	-1.0	614.8	606.7	598.7	590.6	582.5	574.5	566.4
-28E	626.4	1202.6	193.9	-1.4	-0.8	615.0	607.0	599.0	591.0	583.0	575.0	567.0
-28D	623.8	1204.4	196.0	-1.1	-0.6	615.3	607.3	599.4	591.4	583.4	575.5	567.5
-28C	620.4	1206.6	198.3	-0.9	-0.3	615.3	607.3	599.4	591.5	583.6	575.7	567.8
-28B	618.0	1209.2	201.1	-0.6	-0.1	616.4	608.6	600.7	592.8	584.9	577.0	569.1
-28A	613.3	1213.1	204.8	-0.6	0.1	617.1	609.2	601.4	593.6	585.8	577.9	570.1
-28+09	602.6	1221.4	213.2	-0.3	0.3	618.2	610.5	602.8	595.1	587.4	579.7	572.1

GRAVITY METER SCALE CONSTANT 0.964

DAISY

BONNET

TRILLIUM

N

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 1876 MAP 1

MAGNETIC VALUES IN GAMMAS

1876

MERCURY EXPLORATIONS LIMITED

MONROE LAKE PROPERTY

MAGNETIC SURVEY

COMPILED: CRAMPERG & MAGNETIC
SEPT. J.R. CURRIE JUNE 10/69

PLATE

DAISY

BONNET

TRILLIUM

N

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 1876 MAP 2

VALUES IN GRAVITY UNITS

1876

MERCURY EXPLORATIONS LIMITED

MONROE LAKE PROPERTY

BOUGUER GRAVITY

PLATE 3.

ACCOMPANIES: GRAVIMETRIC & MAGNETIC REPORT, R. CURRIE JUNE 10/69

R.B. Hood

MR FORT STEELE | NTS 82G-5 | SCALE 1"=100' | DRAWN R.C. JUNE 69