RICH GRAVITY

Rich-1975 F-6

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

LATT. TAKEN FROM GAL-DY of MAY -1974

Job # ~~Date~~ July 11/75 Operator Y.M. Instrument Instr. Constant .10158 Latitude 62°/0' Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr. (.05.97 2.7)	Latitude (2.3)	Latitude Corr.	Bouguer Gravity (2.7)	2.3
MBS ON	MBS		0	440.5	29	2.0	0	442.5		44.95						
CAT RD.		20-S	3	448.9	30	2.1	0	451.0		45.81	4420.27	263.89	286.43	-1.64	308.06	330.60
225' N.E of 20-S on L. 36-W			6	449.2	26	1.8	0	451.0		45.81	4418.78	263.80	286.34	-1.62	307.99	330.53
L. 36-W		22-S	9	470.1	31	2.2	0	472.3		47.98	4387.14	261.91	284.29	-1.61	308.28	330.68
			12	478.9	27	1.9	0	480.8		48.87	4373.56	261.10	283.41	-1.59	308.36	330.66
		24-S	15	484.9	32	2.2	0	487.1		49.48	4364.29	260.55	282.81	-1.58	308.45	330.63
			18	491.6	29	2.0	-.1	493.5		50.13	4354.61	259.97	282.18	-1.56	308.54	330.75
		26-S	21	498.8	32	2.2	-.1	500.9		50.88	4344.20	259.35	281.50	-1.55	308.68	330.83
			25	504.8	24	1.7	-.1	506.4		51.44	4336.22	258.87	280.99	-1.53	308.78	330.90
		28-S	28	508.9	27	1.9	-.1	510.7		51.88	4329.68	258.48	280.56	-1.51	308.85	330.93
			31	518.9	30	2.1	-.1	520.9		52.91	4317.55	257.58	279.58	-1.50	308.99	330.99
		30-S	35	519.8	28	2.0	-.1	521.7		52.99	4312.50	257.46	279.45	-1.48	308.97	330.96
TRENCH 30+80-S			38	532.6	31	2.2	-.1	534.6		54.30	4291.81	256.22	278.11	-1.47	309.05	330.94
		32-S	42	541.7	33	2.3	-.1	543.9		55.25	4277.67	255.38	277.19	-1.45	309.18	330.99
			45	550.4	30	2.1	-.1	552.4		56.11	4265.07	254.62	276.38	-1.44	309.29	331.05
-(.0033333)		34-S	49	560.1	25	1.7	-.2	561.6		57.05	4250.87	253.78	275.46	-1.42	309.38	331.09
			52	568.9	31	2.2	-.2	570.9		57.99	4236.77	252.94	274.54	-1.41	309.52	331.03
		36-S	55	578.4	30	2.1	-.2	580.3		58.95	4222.63	252.09	273.63	-1.39	309.65	331.19
			58	585.6	34	2.4	-.2	587.8		59.71	4211.60	251.43	272.87	-1.37	309.77	331.29
		38-S	62	593.6	28	2.0	-.2	595.4		60.48	4199.42	250.70	272.12	-1.36	309.82	331.24
			65	601.9	26	1.8	-.2	603.5		61.30	4186.99	249.68	271.32	-1.34	309.62	331.28
		40-S	68	610.0	28	2.0	-.2	611.8		62.15	4173.79	249.18	270.46	-1.33	310.00	331.28
	MBS		90	440.7	30	2.1	-.3	442.5								

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # | ~~Date~~ July 11/72 | Operator S.M. | Instrument | Instr. Constant | Latitude | Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift In Scale Div	Observed Gravity	Elev.	Elev. Corr. (2.7)	Latitude (2.3)	Latitude Corr.	Bouguer Gravity (2.7)	(2.3)
L.44-W.	MBS		0	440.6	30	2.1	0	442.5								
8.12		20	9	453.7	26	1.8	0	455.3		46.25	4412.06	263.40	285.90	-1.75	307.90	330.40
		21	16	464.1	29	2.0	+.1	466.0		47.34	4392.16	262.39	284.81	-1.73	308.00	330.42
SHORT DISTANCE 21-22		22	20	470.6	33	2.3	+.1	472.8		48.03	4384.68	261.77	284.13	-1.72	308.08	330.44
			23	479.9	28	2.0	+.1	481.8		48.94	4370.74	260.94	283.23	-1.70	308.18	330.47
		24	26	484.9	28	2.0	+.1	486.8		49.45	4362.56	260.46	282.70	-1.69	308.21	330.46
			29	485.6	22	1.5	+.1	487.0		49.47	4361.94	260.41	282.66	-1.67	308.21	330.46
		26	32	492.5	28	2.0	+.2	494.5		50.23	4350.38	259.72	281.91	-1.66	308.29	330.48
			35	502.0	30	2.1	+.2	504.1		51.21	4335.63	258.84	280.95	-1.64	308.41	330.52
		28	38	511.6	29	2.0	+.2	513.6		52.17	4320.58	257.94	279.98	-1.62	308.49	330.53
			41	520.9	28	2.0	+.2	522.9		53.12	4306.21	257.08	279.04	-1.61	308.59	330.55
TRENCH 30S-31S		30	43	528.1	29	2.0	+.2	530.7		53.91	4294.08	256.36	278.26	-1.59	308.68	330.58
			46	537.8	30	2.1	+.2	539.9		54.84	4278.20	255.47	277.29	-1.58	308.73	330.55
		32	49	548.4	25	1.7	+.2	550.1		55.88	4263.91	254.56	276.30	-1.56	308.88	330.62
+.00500			52	557.1	25	1.7	+.3	558.9		56.77	4250.44	253.75	275.43	-1.55	308.97	330.65
		34	55	565.9	28	2.0	+.3	568.0		57.70	4235.95	252.86	274.49	-1.53	309.03	330.66
			58	572.1	27	1.9	+.3	574.1		58.32	4225.83	252.28	273.84	-1.52	309.08	330.64
		36	61	581.5	31	2.2	+.3	583.8		59.30	4210.91	251.39	272.81	-1.50	309.21	330.67
			64	590.5	29	2.0	+.3	592.6		60.20	4196.43	250.53	271.93	-1.48	309.25	330.65
		38	67	602.5	30	2.1	+.3	604.7		61.43	4177.49	249.40	270.70	-1.47	309.36	330.66
			71	611.7	27	1.9	+.4	613.8		62.35	4163.50	248.56	269.80	-1.45	309.46	330.70
		40	73	621.8	30	2.1	+.4	624.1		63.40	4147.23	247.59	268.74	-1.44	309.55	330.70
	MBS		100	440.2	29	2.0	+.5	442.5								
							-.2									

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job #	~~Date~~	Operator					instrument			Instr. Constant			Latitude		Checked	
Remarks	Base	Station	Time	Reading	Hl	Hl corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	(2.7) Elev. Corr.	(2.3) Latitude	Latitude Corr.	(2.7) Bouguer Gravity	(2.3)
8.11	MBS		0	439.0	29	2.0	0 (+1.5)	442.5								
L.52-W.		INT	14	461.6	29	2.0	0	465.1		47.24	4383.26	261.68	284.04	-1.85	307.07	329.43
INT ≈ 19+65		20-S	19	462.5	33	2.3	0	466.3		47.37	4381.67	261.59	283.93	-1.85	307.11	329.45
			22	471.0	25	1.7	0	474.2		48.17	4369.76	260.87	283.16	-1.83	307.21	329.50
		22	25	473.3	30	2.1	0	476.9		48.44	4366.07	260.65	282.92	-1.82	307.27	329.54
			28	479.7	33	2.3	0	483.5		49.11	4356.44	260.08	282.30	-1.80	307.39	329.61
		24	31	484.9	30	2.1	0	488.5		49.62	4348.93	259.63	281.81	-1.79	307.46	329.64
			34	491.3	25	1.7	0	494.5		50.23	4339.69	259.08	281.21	-1.77	307.54	329.67
		26	37	497.1	28	2.0	+.1	500.7		50.86	4330.41	258.53	280.61	-1.76	307.63	329.71
			39	503.2	29	2.0	+.1	506.8		51.48	4320.45	257.93	279.97	-1.74	307.67	329.71
		28	43	510.2	31	2.2	+.1	514.0		52.21	4308.62	257.22	279.20	-1.72	307.71	329.69
			46	523.8	32	2.2	+.1	529.6		53.80	4283.39	255.72	277.56	-1.71	307.81	329.65
TRENCH EAST OF 30-S		30	49	535.6	27	1.9	+.1	539.1		54.76	4268.17	254.81	276.58	-1.69	307.89	329.65
			52	548.5	28	2.0	+.1	552.1		56.08	4248.70	253.65	275.32	-1.68	308.05	329.72
(.0014705)		32	56	556.6	29	2.0	+.1	560.2		56.91	4236.42	252.91	274.52	-1.66	308.16	329.77
			58	567.4	31	2.2	+.1	576.2		58.02	4219.37	251.90	273.42	-1.65	308.27	329.79
		34	62	574.1	28	2.0	+.1	577.7		58.68	4207.46	251.19	272.64	-1.63	308.24	329.79
			65	596.4	26	1.8	+.1	599.8		60.93	4172.03	249.07	270.35	-1.62	308.38	329.66
		36	68	613.8	28	2.0	+.1	617.4		62.72	4144.40	247.42	268.56	-1.60	308.54	329.68
creek.			71	628.1	26	1.8	+.1	631.5		64.15	4120.76	246.01	267.03	-1.58	308.58	329.60
38+80-S		38	74	641.2	27	1.9	+.1	644.7		65.49	4099.79	244.76	265.67	-1.57	308.68	329.59
			101	646.7	28	2.0	+.1	650.3		66.06	4092.61	244.33	265.20	-1.55	308.84	329.71
		40	97	650.6	30	2.1	+.1	654.3		66.46	4087.02	244.00	264.84	-1.54	308.92	329.76
	MBS.		136	438.7	30	2.1	+.2	442.5								
							+1.5									

(2) LIKELY 100' CHAINING ERROR BEFORE 20+S

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

(+1941)

Job # | ~~Date~~ July 11/75 | Operator Y.M | Instrument | Instr. Constant 10158 | Latitude | Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr. (.0597 2.7)	Latitude (2.3)	Latitude Corr.	Bouguer Gravity (2.7)	(2.3 2.3)
L.60-W.	MOS		0	440.9	30	2.1	-.5 0	442.5		44.75 72.45						
8.11		20-S 19	29	466.8	27	1.9	0	468.2		47.56	4359.20	260.25	282.48	-1.98	305.83	328.06
INT: 21+20-S 59+60-W.		21-S 20	33	469.6	31	2.2	0	471.3		47.87	4354.76	259.98	282.19	-1.96	305.89	328.10
		INT	24	469.3	28	2.0	0	470.8		47.82	4355.45	260.02	282.23	-1.96	305.88	328.09
		22-S 21	36	472.6	26	1.8	0.	473.9		48.14	4350.92	259.75	281.94	-1.94	305.95	328.14
			39	474.2	28	2.0	0	475.7		48.32	4349.37	259.66	281.81	-1.93	306.05	328.23
		24 23	41	483.1	25	1.7	0	484.3		49.20	4337.55	258.95	281.08	-1.91	306.24	328.37
			45	502.7	22	1.5	0	503.7		51.17	4308.85	257.24	279.24	-1.90	306.51	328.51
		26 25	48	517.2	24	1.7	0	518.4		52.66	4288.53	256.03	277.90	-1.88	306.81	328.68
			52	529.6	27	1.9	0	531.0		53.94	4265.96	254.68	276.44	-1.87	306.75	328.51
		28 27	56	541.2	17	1.2	0	547.9		55.66	4238.66	253.05	274.67	-1.85	306.86	328.48
SHAKY →			60	550.9	31	2.2	0	552.6		56.13	4233.08	252.72	274.31	-1.83	307.02	328.61
		30 29	63	554.0	30	2.1	0	555.6		56.44	4229.25	252.49	274.06	-1.82	307.11	328.68
			66	565.4	25	1.7	0	566.6		57.56	4210.72	251.38	272.86	-1.80	307.14	328.62
NAIL ON E. SIDE OF SHED		32 31	70	581.8	25	1.7	+.1	583.1		59.23	4184.82	249.84	271.18	-1.79	307.28	328.62
LANGOLDA-3242			75	581.5	25	1.7	+.1	588.8		59.81	4179.51	249.52	270.83	-1.77	307.56	328.87
		34 33	79	586.2	30	2.1	+.1	587.9		59.70	4184.48	249.82	271.16	-1.76	307.78	329.12
			82	580.1	24	1.7	+.1	581.4		59.06	4197.26	250.58	271.98	-1.74	307.90	329.30
		36 35	85	572.4	28	2.0	+.1	574.0		58.31	4212.85	251.51	272.99	-1.73	308.09	329.57
			88	511.6	24	1.7	+.1	572.9		58.20	4217.73	251.80	273.31	-1.71	308.29	329.80
		38 37	91	565.2	26	1.8	+.1	566.6		57.56	4230.47	252.56	274.14	-1.69	308.43	330.01
			94	563.7	26	1.8	+.1	565.1		57.40	4235.79	252.88	274.48	-1.68	308.60	330.20
		40-S 39	97	566.7	29	2.0	+.1	568.3		57.73	4233.49	252.74	274.33	-1.66	308.81	330.40
	M.B.S.		133	441.0	30	2.1	+.1	442.5								
							.5									