

FINN + FINN

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En - GRAV ①

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. FIN DATE AUG 23, 76 OPERATOR CHAN INSTRUMENT _____ INSTR. CONSTANT .10152 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	<u>RS[#]10</u>		0	612.7	35	2.7	+41.8	0	657.2	166.72	4587.86	273.90				
<u>L-152W</u>		28-N	4	605.5	35	2.7		0	650.0	166.99	4602.38	274.76	+3.18 +0.23	340.98	343.93	
		27-N	8	599.0	35	2.7		-1	643.4	165.32	4612.22	275.35	+3.20 +0.25	340.92	343.87	
		26-N	11	594.6	35	2.7		-1	639.0	164.87	4619.59	275.79	+3.22 +0.27	340.93	343.80	
		25-N	15	594.8	38	2.9		-1	639.4	164.91	4619.81	275.80	+3.24 +0.27	341.00	343.96	
		24-N	19	593.4	39	3.0		-1	638.1	164.78	4622.30	275.95	+3.26 +0.31	341.04	343.99	
		23-N	22	593.6	39	3.0		-2	638.2	164.79	4621.87	275.93	+3.28 +0.33	341.05	344.00	
		22-N	26	596.7	39	3.0		-2	641.3	165.10	4616.52	275.61	+3.30 +0.35	341.06	344.01	
		21-N	29	601.4	35	2.7		-2	645.7	165.55	4609.49	275.19	+3.32 +0.37	341.11	344.06	
		20-N	32	600.0	35	2.7		-2	644.3	165.41	4609.37	275.18	+3.34 +0.39	340.98	343.93	
		19-N	36	602.1	34	2.6		-3	646.2	165.60	4609.42	274.88	+3.36 +0.41	340.89	343.84	
		18-N	40	598.1	40	3.1		-3	642.7	165.25	4609.27	275.17	+3.38 +0.43	340.85	343.80	
		17-N	44	595.4	26	2.8		-3	639.7	164.94	4612.97	275.39	+3.40 +0.45	340.78	343.73	
		16-N	48	589.5	36	2.8		-4	633.7	164.33	4620.73	275.86	+3.42 +0.47	340.66	343.61	
		15-N	52	586.1	36	2.8		-4	630.3	163.99	4624.78	276.10	+3.44 +0.49	340.58	343.53	
		14-N	55	581.7	36	2.8		-4	625.9	163.54	4631.43	276.50	+3.46 +0.51	340.55	343.50	
		13-N	58	572.9	38	2.9		-4	617.2	162.66	4643.40	277.21	+3.48 +0.53	340.40	343.36	
		12-N	62	566.9	36	2.8		-5	611.0	162.03	4653.04	277.79	+3.50 +0.55	340.37	343.33	
		11-N	66	561.4	35	2.7		-5	605.4	161.46	4660.82	278.25	+3.52 +0.57	340.28	343.23	
		10-N	69	556.1	36	2.8		-5	610.2	160.95	4668.12	278.69	+3.54 +0.59	340.23	343.18	
		9-N	73	549.8	38	2.9		-6	593.9	160.29	4677.02	279.22	+3.56 +0.61	340.12	343.07	
		8-N	76	539.7	27	2.9		-6	583.8	159.27	4692.06	280.12	+3.58 +0.63	340.02	342.97	
		7-N	80	535.0	35	2.7		-6	578.9	158.77	4698.44	280.48	+3.60 +0.65	339.90	342.86	
		6-N	84	527.3	38	2.9		-6	571.4	158.01	4708.17	281.08	+3.62 +0.67	339.76	342.71	
		5-N	88	521.5	29	2.7	+41.8	-7	564.8	157.34	4717.47	281.63	+3.64 +0.69	339.66	342.61	

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

PAGE No. 2

JOB No. FIN

DATE Aug 23, 76

OPERATOR CHAN

INSTRUMENT

INSTR. CONSTANT 1.0152

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<u>L-152W</u>		4-N ✓	92	509.3	35	2.7	+41.8	-0.7	553.1	56.15	4734.25	282.63		+3.66 +0.71	339.49	342.44
		3-N ✓	96	494.1	38	2.9		-0.7	538.1	54.63	4757.18	284.00		+3.66 +0.73	339.36	342.31
		2-N ✓	99	478.3	35	2.7		-0.8	522.0	52.99	4780.80	285.41		+3.70 +0.75	339.15	342.10
		1-N ✓	103	464.2	35	2.7		-0.8	507.9	51.56	4802.16	286.69		+3.72 +0.77	339.02	341.97
		BL-0	107	446.9	37	2.9		-0.8	490.8	49.83	4829.14	288.30		+3.74 +0.79	338.92	341.87
	B.S.#6		117	394.2	36	2.8	+41.8	-0.9	437.9	44.46						
<u>L-160W</u>	RS.#6	BL-0	0	394.0	36	2.8	+41.1	0	437.9	44.46	4919.47	293.69		+3.72 +0.77	338.92	341.87
		1-S	3	388.0	39	3.0		0	432.1	43.87	4930.24	294.34		+3.74 +0.79	339.06	341.95
		2-S	7	379.5	39	3.0		0	423.6	43.00	4942.23	295.05		+3.76 +0.81	338.86	341.81
		3-S	11	363.8	35	2.7		0	407.6	41.38	4965.80	296.46		+3.78 +0.83	338.67	341.62
		4-S	15	350.7	37	2.9		0	394.7	40.07	4985.08	297.61		+3.80 +0.85	338.53	341.48
		5-S	19	343.3	37	2.9		0	387.3	39.32	4995.33	298.22		+3.82 +0.87	338.41	341.36
		6-S	22	342.5	36	2.8		0	386.4	39.23	4997.61	298.36		+3.84 +0.89	338.48	341.43
		7-S	26	338.8	36	2.8		0	382.7	38.85	5001.69	298.60		+3.86 +0.91	338.36	341.31
		8-S	29	340.2	34	2.6		+ .1	384.0	38.98	4998.46	298.41		+3.88 +0.93	338.32	341.27
		9-S	33	339.8	35	2.7		+ .1	383.7	38.95	4996.97	298.32		+3.90 +0.95	338.22	341.17
		10-S	37	347.4	34	2.6		+ .1	391.2	39.71	4983.82	297.53		+3.92 +0.97	338.21	341.16
		11-S	40	355.1	36	2.8		+ .1	399.1	40.52	4969.90	296.70		+3.94 +0.99	338.21	341.16
		12-S	44	358.8	34	2.6		+ .1	402.6	40.87	4961.52	296.20		+3.96 +1.01	338.08	341.03
		13-S	48	365.4	39	3.0		+ .1	409.6	41.58	4949.07	295.46		+3.98 +1.03	338.07	341.02
		14-S	52	368.8	33	2.6		+ .1	412.6	41.89	4942.49	295.07		+4.00 +1.05	338.01	340.96
		15-S	56	373.6	36	2.8		+ .1	417.6	42.39	4932.90	294.49		+4.02 +1.07	337.95	340.90
		16-S	60	377.4	38	3.0		+ .1	421.6	42.80	4923.23	293.92		+4.04 +1.09	337.81	340.76
		17-S	63	387.2	38	3.0	+41.1	+ .1	431.4	43.80	4905.49	292.86		+4.06 +1.11	337.77	340.72

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. FIN DATE Aug 23, 76 OPERATOR CHAN INSTRUMENT _____ INSTR. CONSTANT 1015 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<u>L-152W</u>		17-s	93	541.4	35	2.7	+41.1	+0.2	585.4	59.43	4640.96	277.07		+4.05 +1.13	337.63	340.58
		16-s	97	537.0	33	2.6		+.	580.9	58.97	4649.61	277.58		+4.06 +1.11	337.66	340.61
		15-s	101	521.2	33	2.6		+.	565.1	57.37	4677.22	279.23		+4.04 +1.09	337.69	340.64
		14-s	105	507.8	41	3.2		+.	552.3	56.07	4699.69	280.57		+4.02 +1.07	337.71	340.66
		13-s	109	490.4	35	2.7		+.	534.4	54.25	4730.61	282.22		+4.00 +1.05	337.72	340.67
		12-s	113	472.3	35	2.7		+.	516.3	52.41	4762.61	284.33		+3.98 +1.03	337.77	340.72
		11-s	116	452.5	36	2.8		+.	496.6	50.41	4797.30	286.40		+3.96 +1.01	337.82	340.77
		10-s	120	435.3	33	2.6		+.	479.2	48.65	4828.03	288.23		+3.94 +1.07	337.87	340.82
		9-s	124	429.6	31	2.4		+0.2	473.3	48.06	4840.83	289.00		+3.92 +1.07	338.02	340.97
		8-s	128	433.1	38	3.0		+.	477.4	48.47	4834.56	288.62		+3.99 +1.05	338.04	340.99
		7-s	132	411.5	35	2.7		+0.2	455.5	46.24	4869.13	290.69		+3.88 +1.03	337.86	340.81
		6-s	136	395.9	36	2.8		+0.2	441.0	44.77	4892.78	292.10		+3.86 +1.07	337.98	340.73
(.0018293)		5-s	140	395.2	36	2.8		+0.3	439.4	44.61	4898.90	292.46		+3.84 +1.09	337.96	340.91
		4-s	143	394.5	33	2.6		+.	443.5	45.02	4895.24	292.25		+3.82 +1.07	338.14	341.09
		3-s	147	408.5	36	2.8		+.	452.7	45.96	4883.24	291.53		+3.80 +1.05	338.34	341.29
		2-s	150	422.0	34	2.6		+.	466.0	47.31	4864.91	290.44		+3.78 +1.03	338.58	341.53
		1-s	154	433.0	37	2.9		+.	477.3	48.46	4848.86	289.48		+3.76 +1.01	338.75	341.70
	85#6	(R-0)	164	393.7	36	2.8	+41.1	+0.3	437.9							

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. FIN DATE Aug 23, 76 OPERATOR CHAN INSTRUMENT _____ INSTR. CONSTANT -10152 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	<u>B.S.#6</u>		0	393.5	36	2.8	+41.6	0	437.9							
<u>L-168W</u>		<u>B.L.O</u>	10	381.8	36	2.8		0	426.2	43.27	4941.47	295.01		+3.70 +0.75	339.03	341.98
		<u>1-S</u>	14	372.5	36	2.8		.1	416.8	42.31	4954.36	295.18		+3.72 +0.77	338.86	341.81
		<u>2-S</u>	18	362.7	35	2.7		.1	406.9	41.31	4968.34	296.61		+3.74 +0.79	338.71	341.66
		<u>3-S</u>	22	358.4	35	2.7		.1	382.6	38.84	5003.50	298.71		+3.76 +0.81	338.36	341.31
		<u>4-S</u>	26	325.6	36	2.8		.1	369.9	37.55	5024.19	299.94		+3.78 +0.83	338.32	341.27
		<u>5-S</u>	30	306.9	37	2.9		.1	351.3	35.66	5051.69	301.59		+3.80 +0.85	338.10	341.05
		<u>6-S</u>	33	295.6	36	2.8		.1	339.9	34.51	5070.68	302.72		+3.82 +0.87	338.10	341.05
		<u>7-S</u>	36	284.3	36	2.8		.2	328.5	33.35	5088.08	303.76		+3.84 +0.89	338.00	340.95
		<u>8-S</u>	40	275.9	36	2.8		.2	320.1	32.50	5100.62	304.51		+3.86 +0.91	337.90	340.87
		<u>9-S</u>	44	267.2	37	2.9		.2	311.5	31.62	5113.10	305.25		+3.88 +0.93	337.80	340.76
		<u>10-S</u>	48	264.2	36	2.8		.2	308.4	31.31	5116.55	305.46		+3.90 +0.95	337.72	340.67
		<u>11-S</u>	52	262.7	35	2.7		.2	306.8	31.15	5118.76	305.59		+3.92 +0.97	337.71	340.56
		<u>12-S</u>	56	257.8	35	2.7		.2	301.9	30.65	5124.82	305.95		+3.94 +0.99	337.59	340.54
		<u>13-S</u>	60	259.1	28	2.2		.3	302.6	30.72	5123.05	305.85		+3.96 +1.01	337.58	340.53
		<u>14-S</u>	64	255.7	32	2.5		.3	299.5	30.41	5126.74	306.07		+3.98 +1.03	337.51	340.46
		<u>15-S</u>	67	254.9	37	2.9		.3	299.1	30.36	5126.51	306.05		+4.00 +1.05	337.46	340.41
		<u>16-S</u>	70	257.4	37	2.9		.3	301.6	30.62	5122.46	305.81		+4.02 +1.07	337.50	340.45
		<u>17-S</u>	74	261.0	38	3.0		.3	305.3	30.99	5116.13	305.43		+4.04 +1.09	337.51	340.46
	<u>B.S.#6</u>		90	394.0	35	2.7	+41.6	-0.4	437.9							

(0.004444)

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

 JOB No. FIN DATE AUG 20, 76 OPERATOR CHAN INSTRUMENT _____ INSTR. CONSTANT 10152 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-160W	B.S. #6	BL-0	0	394.0	35	27	+41.2	0	437.9	44.46	4919.47	293.69		+3.76 +0.77	338.92	341.87
<u>L-160W</u>		1-N	3	409.0	35	27		0	452.9	45.98	4896.51	292.32		+3.70 +0.75	339.05	342.00
		2-N	7	420.5	35	27		0	464.4	47.15	4880.53	291.37		+3.68 +0.73	339.25	342.20
		3-N	11	430.7	35	27		0	474.6	48.18	4865.56	290.47		+3.66 +0.71	339.36	342.31
		4-N	14	446.4	35	27		0	490.3	49.78	4842.09	289.07		+3.64 +0.69	339.64	342.48
		5-N	18	461.0	36	28		0	505.0	51.27	4820.45	289.78		+3.62 +0.67	339.72	342.67
		6-N	22	470.0	39	30		0	514.2	52.20	4807.18	286.99		+3.60 +0.65	339.84	342.79
		7-N	26	478.2	36	28		0	522.2	53.01	4795.34	286.28		+3.58 +0.63	339.92	342.87
		8-N	29	484.3	34	26		0	528.1	53.61	4785.82	285.71		+3.56 +0.61	339.93	342.88
		9-N	33	500.3	38	30		-1	544.4	55.27	4762.69	284.33		+3.54 +0.59	340.19	343.14
		10-N	37	504.4	39	30		-1	548.5	55.68	4756.16	283.94		+3.52 +0.57	340.19	343.14
		11-N	40	514.0	38	30		-1	558.1	56.66	4741.80	283.09		+3.50 +0.55	340.30	343.25
		12-N	43	521.3	34	26		-1	565.0	57.36	4731.10	282.45		+3.48 +0.53	340.34	343.29
		13-N	47	530.5	36	28		-1	574.4	58.31	4716.87	281.60		+3.46 +0.51	340.42	343.37
		14-N	51	532.2	39	30		-1	576.3	58.51	4715.02	281.49		+3.44 +0.49	340.49	343.44
		15-N	54	538.5	38	30		-1	582.6	59.15	4706.05	280.95		+3.42 +0.47	340.57	343.52
		16-N	58	542.9	36	28		-1	586.8	59.57	4700.77	280.64		+3.40 +0.45	340.66	343.61
		17-N	62	546.7	38	30		-1	590.8	59.98	4696.09	280.36		+3.38 +0.43	340.77	343.72
		18-N	65	547.6	40	31		-1	591.8	60.08	4694.73	280.28		+3.36 +0.41	340.77	343.72
		19-N	68	551.5	38	30		-1	596.6	60.47	4689.35	279.95		+3.34 +0.39	340.81	343.76
		20-N	72	556.7	23	26		-1	600.4	60.95	4682.89	279.57		+3.32 +0.37	340.89	343.84
		21-N	76	559.0	39	30		-1	603.1	61.23	4679.55	279.37		+3.30 +0.35	340.95	343.90
		22-N	80	561.3	36	28		-1	605.2	61.44	4676.84	279.21		+3.28 +0.33	340.98	343.93
		23-N	83	563.7	35	27		-1	607.5	61.67	4672.62	278.96		+3.26 +0.31	340.94	343.89
		24-N	87	568.6	35	27	+41.2	-1	612.4	62.17	4664.62	278.48		+3.24 +0.29	340.94	343.89

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. FIN

DATE

AUG 25, 76

OPERATOR

CARLTON

INSTRUMENT

INSTR. CONSTANT

10152

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	B.S.#4		0	268.6	32				411.8							
	L-192W	BL-0		270.0	32											
(INTER)	B.S.#6	L-160W	0	395.4	35	2.7	+39.8	0	437.9	44.46	4919.47	293.69	+3.73 +0.77	338.92	341.87	
BL-0	138	L-160W	4	405.4	32	2.5		0	447.7	45.45	4903.27	292.73				
BL-0	136	L-158W	9	415.3	35	2.7		0	457.8	46.48	4884.46	291.60				
		L-154W	14	435.7	39	3.0		+0.1	478.6	48.58	4850.87	289.60				
(INTER)		L-152W	16	448.2	37	2.9		+0.1	491.0	49.85	4829.14	288.30	+3.74 +0.79	338.94	341.89	
		L-150W	21	467.5	42	3.3		+0.1	510.7	51.85	4794.63	286.24				
		L-148W	26	487.2	38	3.0		+0.1	530.1	53.82	4760.86	284.22				
		L-146W	30	518.1	26	2.8		+0.2	560.9	56.94	4709.29	281.14				
INTER		L-144W	35	543.0	43	3.3		+0.2	586.3	59.53	4667.18	278.63	+3.77 +0.82	338.97	341.92	
		L-142W	40	565.0	36	2.8		+0.2	607.8	61.70	4631.70	276.48				
		L-140W	44	573.2	37	2.9		+0.2	616.1	62.55	4604.55	274.89				
		L-138W	49	593.0	37	2.9		+0.3	636.0	64.51	4580.75	273.47				
INTER		L-136W	53	593.2	36	2.8		+0.3	636.1	64.58	4577.61	273.28	+3.79 +0.84	338.70	341.65	
		L-134W	58	598.9	38	3.0		+0.3	641.9	65.17	4565.28	272.58				
		L-132W	63	613.2	38	3.0		+0.3	656.3	66.63	4539.26	270.99				
		L-130W	67	617.3	38	3.0		+0.4	660.5	67.05	4530.25	270.46				
(INTER)		L-128W	71	624.0	40	3.1		+0.4	667.3	67.74	4515.10	269.55	+3.81 +0.86	338.75	341.10	
	B.S.#8		74	624.2	36	2.8	+39.8	+0.4	667.2							

(0.005405A)

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

 JOB No. FIN DATE AUG 25/76 OPERATOR CORLETON INSTRUMENT _____ INSTR. CONSTANT 110.52 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	<u>BS #8</u>		0	624.1	36	2.8	+40.3	0	667.2							
<u>L-136W</u>		1-N	10	596.4	37	2.9		0	639.6	64.93	4573.83	273.06		+3.71 +0.82	338.81	341.76
		2-N	14	600.5	38	3.0		0	643.8	65.36	4567.68	272.69		+3.75 +0.80	338.85	341.80
		3-N	18	604.9	38	3.0		0	648.2	65.81	4562.46	272.38		+3.73 +0.79	338.97	341.92
		4-N	21	609.0	39	3.0		0	652.3	66.27	4556.54	272.03		+3.71 +0.76	339.01	341.96
		5-N	25	615.4	38	3.0		0	658.7	66.87	4548.60	271.55		+3.69 +0.74	339.16	342.11
		6-N	29	620.9	37	2.9		0	664.1	67.47	4541.36	271.12		+3.67 +0.72	339.26	342.21
		7-N	32	626.3	33	2.6		0	669.2	67.94	4534.52	270.71		+3.65 +0.70	339.35	342.30
		8-N	36	631.8	42	3.3		0	675.4	68.57	4526.54	270.23		+3.63 +0.67	339.48	342.43
		9-N	39	632.7	41	3.2		0	676.2	68.65	4525.42	270.17		+3.61 +0.66	339.48	342.43
		10-N	43	640.6	39	3.0		0	683.9	69.43	4514.01	269.49		+3.59 +0.64	339.56	342.51
		11-N	47	652.2	37	2.9		0	695.4	70.60	4497.39	268.49		+3.57 +0.62	339.71	342.66
		12-N	51	659.5	36	2.8		0	702.6	71.33	4487.68	267.91		+3.55 +0.60	339.84	342.79
		13-N	54	664.4	38	3.0		0	707.7	71.85	4480.72	267.50		+3.53 +0.58	339.93	342.88
		14-N	58	667.5	39	3.0		0	710.8	72.16	4477.15	267.29		+3.51 +0.56	340.01	342.96
		15-N	62	667.8	37	2.9		0	711.0	72.18	4477.47	267.30		+3.49 +0.54	340.02	342.97
		16-N	66	670.8	38	3.0		+ .1	714.2	72.51	4473.61	267.07		+3.47 +0.52	340.10	343.05
		17-N	70	673.5	32	2.5		+ .1	716.4	72.73	4471.13	266.93		+3.45 +0.50	340.16	343.11
		18-N	74	674.1	38	3.0		+ .1	717.5	72.84	4470.43	266.88		+3.43 +0.48	340.20	343.15
		19-N	78	675.1	36	2.8		+ .1	718.3	72.92	4470.04	266.86		+3.41 +0.46	340.24	343.19
		20-N	82	676.3	39	3.0		+ .1	719.7	73.06	4469.39	266.82		+3.39 +0.44	340.28	343.27
		21-N	85	676.5	35	2.7		+ .1	719.6	73.05	4471.25	266.93		+3.37 +0.42	340.40	343.35
		22-N	89	674.0	35	2.7		+ .1	717.1	72.80	4476.01	267.22		+3.35 +0.40	340.42	343.37
		23-N	92	672.8	37	2.9		+ .1	716.1	72.70	4478.90	267.39		+3.33 +0.38	340.47	343.42
		24-N	96	674.6	36	2.8	+40.3	+ .1	717.8	72.87	4476.94	267.27		+3.31 +0.36	340.50	343.45

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. FINDATE Aug 25, 76OPERATOR CARLETON

INSTRUMENT

INSTR. CONSTANT .10152

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<u>L-136W</u>		25-N	100	678.8	39	3.0	+40.3	x.1	722.2	13.32	4471.75	266.96		+3.29 +0.34	340.62	343.57
		26-N	104	685.5	34	2.6		+1	728.5	13.96	4462.90	266.44		+3.27 +0.32	340.72	343.67
marked 26		27-N	108	689.8	33	2.6		+1	732.8	14.38	4456.71	266.01		+3.25 +0.30	340.76	343.71
(0.0001692)		28-N	112	693.4	36	2.8		+1	736.6	14.78	4450.96	265.72		+3.23 +0.28	340.78	343.73
		29-N	116	706.0	34	2.6		+1	749.0	16.04	4433.03	264.65		+3.21 +0.26	340.95	343.90
		30-N	123	720.0	27	2.9		+1	763.3	17.49	4412.53	263.43		+3.19 +0.24	341.16	344.11
INT. →		31-N	127	724.2	38	3.0		x.1	767.6	17.93	4406.03	263.04		+3.17 +0.22	341.19	344.14
	RS#9		130	724.5	33	2.6	+40.3	+0.1	767.5							
	RS#9		0	724.3	33	2.6	+40.6	0	767.5	84.00						
<u>L-128W</u>		30-N	14	784.0	36	2.8		0	827.4	84.00	4301.64	266.81		+3.21 +0.26	341.07	344.02
INT		29-N	18	761.5	36	2.8		0	804.9	81.71	4334.45	268.77		+3.23 +0.28	340.76	343.71
		28-N	22	763.0	36	2.8		0	806.4	81.87	4333.37	268.70		+3.25 +0.30	340.87	343.82
		27-N	26	758.2	38	3.0		0	793.8	80.59	4351.18	269.77		+3.21 +0.26	340.68	343.60
		26-N	30	734.3	36	2.8		0	777.7	78.95	4371.90	261.00		+3.29 +0.34	340.29	343.24
		25-N	34	745.7	39	3.0		0	789.3	80.13	4356.72	260.10		+3.31 +0.36	340.59	343.54
		24-N	37	740.7	32	2.6		0	783.9	79.58	4363.89	260.52		+3.33 +0.38	340.48	343.43
		23-N	41	722.8	27	2.9		0	766.3	77.79	4389.19	262.03		+3.35 +0.40	340.22	343.17
		22-N	45	720.0	39	3.0		0	763.6	77.52	4392.97	262.26		+3.37 +0.42	340.20	343.15
		21-N	48	728.0	36	2.8		0	771.4	78.31	4380.59	261.52		+3.39 +0.44	340.27	343.22
		20-N	52	724.0	36	2.8		0	767.4	77.91	4385.57	261.82		+3.41 +0.46	340.19	343.14
		19-N	56	720.8	35	2.7		0	764.1	77.51	4388.89	262.02		+3.43 +0.48	340.07	343.02
		18-N	60	718.0	38	3.0		0	761.6	77.32	4391.09	262.15		+3.45 +0.50	339.97	342.92
		17-N	64	716.5	41	3.2		-1	760.2	77.18	4391.50	262.17		+3.47 +0.52	339.87	342.82
		16-N	68	713.2	35	2.7	+40.6	-1	756.4	76.79	4395.79	262.43		+3.49 +0.54	339.76	342.71

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

 JOB No. FIN DATE AUG 25, 76 OPERATOR CARLETON INSTRUMENT _____ INSTR. CONSTANT 10152 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<u>L-128W</u>		15-N	72	709.8	35	2.7	+40.6	-.1	762.0	76.44	4398.41	262.59		+3.51 10.56	339.59	342.54
		14-N	76	700.0	38	3.0		-.1	743.5	75.48	4410.81	263.33		+3.53 10.57	339.39	342.34
		13-N	80	696.6	37	2.9		-.1	740.0	76.12	4415.12	263.58		+3.55 10.60	339.30	342.26
		12-N	83	695.4	41	3.2		-.1	739.1	75.03	4416.64	263.61		+3.57 10.60	339.32	342.21
		11-N	87	689.0	38	3.0		-.1	732.5	74.26	4424.50	264.14		+3.59 10.64	339.14	342.09
		10-N	90	683.4	39	3.0		-.1	726.9	73.79	4430.89	264.50		+3.61 10.66	338.97	341.92
		9-N	94	677.3	39	3.0		-.1	720.8	73.18	4439.44	265.03		+3.63 10.68	338.89	341.84
		8-N	98	675.8	39	3.0		-.1	719.3	73.02	4442.05	265.19		+3.65 10.70	338.91	341.86
		7-N	102	673.9	38	3.0		-.1	717.4	72.83	4443.73	265.29		+3.67 10.70	338.84	341.79
		6-N	105	669.6	36	2.8		-.1	712.9	72.31	4450.21	265.68		+3.69 10.74	338.99	341.74
		5-N	109	658.5	38	3.0		-.1	702.0	71.27	4465.93	266.62		+3.71 10.76	338.66	341.60
		4-N	112	659.2	38	3.0		-.1	702.1	71.34	4464.30	266.50		+3.73 10.77	338.64	341.59
		3-N	116	649.6	36	2.8		-.1	692.9	70.34	4479.46	267.42		+3.75 10.80	338.56	341.51
		2-N	120	642.1	37	2.9		-.1	685.5	69.59	4490.63	268.09		+3.77 10.80	338.60	341.46
		1-N	123	632.5	38	3.0		-.1	676.0	68.63	4504.36	268.91		+3.79 10.84	338.38	341.33
	B.S.#8		127	624.0	35	2.7	+40.6	-0.1	667.2	67.73	4515.10	269.55		+3.81 10.86	338.14	341.09
	B.S.#8		0	624.0	35	2.7	+40.5	0	667.2	67.73	4515.10	269.55		+3.81 10.86	338.14	341.09
<u>L-128W</u>		1-S	4	627.6	39	3.0		0	671.1	68.13	4508.32	269.15		+3.83 10.88	338.16	341.11
		2-S	7	622.5	37	2.9		0	665.9	67.60	4513.90	269.48		+3.85 10.90	337.98	340.93
		3-S	11	629.3	38	3.0		0	672.8	68.30	4501.74	268.75		+3.87 10.92	337.97	340.92
		4-S	15	626.2	36	2.8		+ .1	669.6	67.98	4503.11	268.84		+3.89 10.94	337.76	340.71
		5-S	19	632.6	37	2.9		+ .1	676.1	68.64	4489.90	268.05		+3.91 10.96	337.65	340.60
		6-S	23	637.8	35	2.7		+ .1	681.1	69.15	4477.26	267.29		+3.93 10.98	337.42	340.37
		7-S	27	649.5	35	2.7	+40.5	+ .1	692.8	70.33	4454.26	265.90		+3.95 11.00	337.25	340.20

(0.0007674)

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. FINDATE Aug 25 76 OPERATORCHAN

INSTRUMENT

INSTR. CONSTANT 10152

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Lati- tude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<u>L-128W</u>		8-S	31	660.6	35	2.1	+40.5	+ .1	703.9	71.46	4431.16	264.54		339.97 +3.97 1.02	339.97	339.97
		9-S	35	673.6	32	2.5		+ .1	716.7	72.76	4405.53	263.01		339.76 +3.99 1.04	339.76	339.76
		10-S	39	684.7	35	2.7		+ .1	728.0	73.91	4382.23	261.62		339.54 +4.01 1.06	339.54	339.54
		11-S	43	697.6	38	3.0		+ .2	741.3	75.26	4357.61	260.15		339.44 +4.03 1.08	339.44	339.44
		12-S	47	710.2	36	2.8		+ .2	753.7	76.52	4335.77	258.85		339.42 +4.05 1.10	339.42	339.42
		13-S	50	709.5	34	2.6		+ .2	752.8	76.42	4335.87	258.85		339.34 +4.07 1.12	339.34	339.34
		14-S	54	708.6	35	2.7		+ .2	752.0	76.34	4335.49	258.87		339.26 +4.09 1.14	339.26	339.26
		15-S	58	706.5	36	2.8		+ .2	750.0	76.14	4336.67	258.90		339.15 4.11 1.16	339.15	339.15
		16-S	62	704.2	35	2.7		+ .2	747.6	75.90	4338.31	259.00		339.03 4.13 1.18	339.03	339.03
		17-S	66	703.9	37	2.9		+ .2	747.5	75.89	4336.86	258.91		338.95 +4.15 1.20	338.95	338.95
(0.0035714)	R.S.#8		84	623.7	35	2.7	+40.5	+0.3	667.2							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. FIN DATE Aug 26, 76 OPERATOR CARLETON INSTRUMENT _____ INSTR. CONSTANT .10152 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	<u>B.S.#8</u>		0	622.0	35	2.7	+42.5	0	667.2	67.73						
<u>L-136W</u>		B.L-0	8	591.1	36	2.8		0	636.4	64.61	4577.61	273.28	+3.79 +0.84	338.73	341.63	
		1-S	12	589.5	37	2.9		0	634.9	64.46	4577.93	273.30	+3.81 +0.86	338.62	341.57	
		2-S	15	588.0	32	2.5		0	633.0	64.26	4577.70	273.29	+3.83 +0.88	338.43	341.38	
		3-S	18	593.7	37	2.9		0	639.1	64.88	4564.80	272.52	+3.85 +0.90	338.30	341.25	
		4-S	22	602.4	35	2.7		-.1	647.5	65.73	4547.69	271.50	+3.81 +0.92	338.15	341.10	
		5-S	26	612.3	38	3.0		-.1	657.7	66.77	4526.40	270.23	+3.89 +0.94	337.94	340.89	
		6-S	30	626.0	37	2.9		-.1	671.3	68.15	4498.61	268.57	+3.91 +0.96	337.68	340.63	
		7-S	34	639.2	34	2.6		-.1	684.2	69.46	4473.22	267.05	+3.93 +0.98	337.49	340.44	
		8-S	38	650.9	35	2.7		-.1	696.0	70.66	4450.52	265.70	+3.95 +1.00	337.36	340.31	
		9-S	42	658.5	35	2.7		-.1	703.6	71.43	4434.71	264.75	+3.97 +1.02	337.20	340.15	
		10-S	46	669.0	36	2.8		-.1	714.2	72.51	4415.29	263.59	+3.99 +1.04	337.14	340.09	
		11-S	50	670.8	34	2.6		-.1	715.8	72.67	4412.62	263.43	+4.01 +1.06	337.16	340.11	
		12-S	54	669.8	26	2.8		-.1	715.0	72.59	4414.62	263.55	+4.03 +1.08	337.22	340.17	
		13-S	58	667.4	37	2.9		-.1	712.7	72.35	4417.61	263.73	+4.05 +1.10	337.18	340.13	
		14-S	62	661.5	36	2.8		-.2	706.6	71.73	4426.15	264.24	+4.07 +1.12	337.09	340.04	
		15-S	65	659.5	34	2.6		-.2	704.4	71.51	4428.25	264.37	+4.09 +1.14	337.02	339.97	
		16-S	68	652.0	36	2.8		-.2	697.1	70.77	4439.63	265.05	+4.11 +1.16	336.98	339.93	
		17-S	72	643.3	32	2.5		-.2	688.1	69.86	4453.60	265.88	+4.13 +1.18	336.92	339.87	
<u>L-144W</u>		17-S	92	557.6	33	2.6		-.2	602.5	61.17	4599.38	274.58	+4.11 +1.16	336.91	339.86	
		10-S	96	582.6	35	2.7		-.2	627.6	63.71	4557.78	272.10	+4.09 +1.14	336.95	339.90	
		15-S	100	610.6	41	3.0		-.3	656.0	66.60	4513.81	269.47	+4.07 +1.12	337.19	340.14	
		14-S	104	616.0	38	3.0		-.3	661.2	67.13	4505.22	268.96	+4.05 +1.10	337.19	340.14	
		13-S	108	610.0	36	2.8	+42.5	-.3	655.0	66.50	4517.89	269.72	+4.03 +1.08	337.30	340.25	

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. FIN DATE AUG 26, 76 OPERATOR CARLETON INSTRUMENT _____ INSTR. CONSTANT 10152 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<u>L-144W</u>		12-S	112	602.5	36	28	+42.5	-.3	647.5	66.73	4531.54	270.53		+4.01 +1.06	337.32	340.27
		11-S	115	594.4	33	26		-.3	^{6.39} 639.2	64.89	4549.01	271.58		+3.99 +1.04	347.66	340.46
shaky		10-S	119	575.6	34	2.6		-.3	620.4	62.98	4580.81	273.47		+3.97 +1.02	337.47	340.42 <i>Cshaky</i>
		9-S	122	557.5	35	2.7		-.3	602.4	61.16	4614.54	275.49		+3.95 +1.00	337.65	340.60
		8-S	126	537.2	39	3.0		-.3	582.4	59.13	4650.36	277.63		+3.93 +0.98	337.74	340.69
		7-S	130	524.3	39	3.0		-.3	569.5	57.80	4675.88	279.15		+3.91 +0.96	337.93	340.88
		6-S	134	509.4	40	3.1		-.3	554.9	56.31	4702.40	280.73		+3.89 +0.94	337.98	340.93
		5-S	137	504.4	36	2.8		-.4	549.3	55.76	4714.66	281.47		+3.87 +0.92	338.15	341.10
		4-S	141	510.0	39	3.0		-.4	555.1	56.35	4708.86	281.12		+3.85 +0.90	338.37	341.32
		3-S	144	528.4	36	2.8		-.4	573.3	58.20	4683.30	279.59		+3.83 +0.88	338.57	341.62
		2-S	148	529.0	35	2.7		-.4	573.8	58.25	4682.30	279.53		+3.81 +0.86	338.54	341.59
		1-S	152	533.6	38	3.0		-.4	578.7	58.75	4678.49	279.31		+3.79 +0.84	338.90	341.85
	B.S.#7		156	541.1	35	2.7	+42.5	-0.4	585.9	59.48	4667.18	278.63				

(0.0025641)

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PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. FIN

DATE Aug 26, 76

OPERATOR CARLTON

INSTRUMENT

INSTR. CONSTANT .10152

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	RS, #7		0	540.7	35	2.7	+42.5	0	585.9	59.48	4667.18	278.67				
<u>L-144W</u>		1-N	3	546.5	37	2.9		0	591.9	60.09	4660.65	278.24	+3.76 +0.80	339.17	343.08	
		2-N	7	554.6	38	3.0		0	600.1	60.92	4648.05	277.49	+3.73 +0.78	339.19	343.14	
		3-N	11	564.2	36	2.8		0	609.5	61.88	4636.49	276.80	+3.71 +0.76	339.44	343.39	
		4-N	14	567.7	36	2.8		0	613.0	62.23	4631.90	276.52	+3.69 +0.74	339.49	343.44	
		5-N	18	573.2	38	3.0		0	618.7	62.81	4624.79	276.10	+3.67 +0.72	339.63	343.58	
		6-N	24	579.0	38	2.6		-1	624.0	63.35	4616.42	275.60	+3.65 +0.70	339.65	343.60	
		7-N	24	586.5	38	3.0		-1	631.9	64.15	4606.55	275.01	+3.63 +0.68	339.84	343.59	
		8-N	28	592.0	36	2.8		-1	637.2	64.69	4598.15	274.51	+3.61 +0.66	339.86	343.81	
		9-N	32	597.5	39	3.0		-1	642.9	65.27	4590.58	274.06	+3.59 +0.64	339.97	343.92	
		10-N	36	603.0	36	2.8		-1	648.2	65.81	4583.63	273.64	+3.57 +0.62	340.07	343.02	
		11-N	40	608.0	38	3.0		-1	653.4	66.33	4576.64	273.23	+3.55 +0.60	340.16	343.11	
		12-N	43	611.1	37	2.9		-1	656.4	66.64	4572.75	272.99	+3.53 +0.58	340.21	343.16	
		13-N	47	616.3	38	3.0		-1	661.7	67.18	4565.83	272.58	+3.51 +0.56	340.32	343.27	
		14-N	50	620.9	38	3.0		-1	666.3	67.64	4559.02	272.17	+3.49 +0.54	340.35	343.30	
		15-N	54	627.3	38	3.0		-1	672.7	68.29	4550.19	271.65	+3.47 +0.52	340.46	343.41	
		16-N	57	629.0	34	2.6		-1	674.0	68.42	4547.93	271.51	+3.45 +0.50	340.43	343.38	
		17-N	61	628.5	36	2.8		-2	673.6	68.38	4548.81	271.56	+3.43 +0.48	340.42	343.37	
		18-N	65	629.4	39	3.0		-2	674.7	68.50	4546.22	271.41	+3.41 +0.46	340.37	343.32	
		19-N	68	631.9	42	3.3		-2	677.5	68.78	4543.05	271.22	+3.39 +0.44	340.44	343.39	
		20-N	72	633.3	39	3.0		-2	678.6	68.89	4542.77	271.20	+3.37 +0.42	340.51	343.46	
		21-N	76	634.5	40	3.1		-2	679.9	69.02	4542.03	271.16	+3.35 +0.40	340.58	343.53	
		22-N	80	634.8	37	2.9		-2	680.0	69.07	4543.01	271.22	+3.33 +0.38	340.63	343.58	
		23-N	84	634.8	32	2.5		-2	679.6	68.99	4545.17	271.35	+3.31 +0.36	340.70	343.65	
		24-N	87	634.2	32	2.5	+42.5	-2	679.0	68.97	4546.73	271.44	+3.29 +0.34	340.71	343.66	

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

PAGE No. 1

JOB No. FIN DATE AUG 27, 76 OPERATOR CARLSTON INSTRUMENT _____ INSTR. CONSTANT 10152 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	B.S.#2		0	701.8	37	2.9	+40.9	0	745.6	76.69						
<u>L-184W</u>		37 N	4	710.2	38	2.9		0	754.0	76.55	4409.42	263.24		+3.03 70.08	339.87	342.82
		32 N	8	717.6	35	2.7		0	761.2	77.28	4386.83	262.49		+3.01 70.06	339.83	342.78
		33 N	11	725.7	35	2.7		0	769.3	78.10	4384.69	261.77		+2.99 70.04	339.91	342.86
		34 N	15	733.7	36	2.8		-1	777.3	78.91	4372.41	261.03		+2.97 70.02	339.96	342.91
		35 N	19	737.0	39	3.0		-1	780.8	79.27	4366.20	260.66		2.93	339.93	342.88
Rocky		36 N	22	743.9	34	2.6		-1	789.3	79.93	4356.94	260.11		+2.93 -0.02	340.02	342.97
		37 N	26	750.4	36	2.8		-1	794.0	80.61	4346.38	259.48		+2.90 -0.05	340.04	342.99
		38 N	30	752.8	36	2.8		-1	796.4	80.85	4343.16	259.29		+2.89 -0.07	340.07	343.02
		39 N	33	754.4	39	3.0		-1	798.2	81.03	4341.37	259.18		+2.86 -0.09	340.12	343.07
		40 N	37	749.5	36	2.8		-1	793.1	80.62	4348.82	259.62		+2.84 -0.11	340.03	342.98
		41 N	40	749.1	35	2.7		-1	792.6	80.46	4349.73	259.68		+2.82 -0.13	340.01	342.96
		42 N	44	760.1	36	2.8		-2	803.6	81.58	4332.18	258.63		+2.80 -0.15	340.06	343.01
		43 N	48	775.2	37	2.9		-2	818.8	83.12	4302.57	257.16		+2.78 -0.17	340.11	343.06
		44 N	52	789.5	36	2.8		-2	833.0	84.59	4286.35	255.90		+2.76 -0.19	340.28	343.23
		45 N	55	787.7	37	2.9		-2	831.3	84.39	4288.27	256.01		+2.74 -0.21	340.19	343.14
		46 N	59	796.0	40	3.1		-2	839.8	85.26	4274.92	255.21		+2.72 -0.23	340.24	343.19
		47 N	62	799.4	36	2.8		-2	842.9	85.57	4268.74	254.84		+2.70 -0.25	340.16	343.11
		48 N	66	796.0	37	2.9		-2	839.6	85.24	4274.21	255.17		+2.68 -0.27	340.14	343.09
		49 N	70	786.2	37	2.9		-3	829.7	84.23	4289.48	256.08		+2.66 -0.29	340.02	342.97
		50 N	74	778.0	39	3.0		-3	821.6	83.41	4303.80	256.94		+2.64 -0.31	340.04	342.99
		51 N	78	758.5	33	2.6		-3	801.7	81.39	4333.94	258.74		+2.62 -0.33	339.80	342.75
		52 N	82	748.0	37	2.9		-3	791.5	80.35	4352.97	259.87		+2.60 -0.35	339.87	342.82
		53 N	86	750.4	41	3.2		-3	794.2	80.67	4352.32	259.83		+2.58 -0.37	340.09	343.04
		54 N	90	754.6	35	2.7	+40.9	-3	791.9	81.00	4350.39	259.72		+2.56 -0.39	340.33	343.28

FINN

FAT GRAV. (122)

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. THIN

DATE SEPT. 4/76

OPERATOR O'CONNOR

INSTRUMENT G-237

INSTR. CONSTANT

1.06152

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Lati- tude	Latitude Corr.	$\rho =$ Bouguer Gravity	
AHEAD IS AIDS TO 100	# 13		00	5174.01	30	.22	-6.04	0	68.19	772.38						
L-192-W		ϕ L-16 ⁰⁰ 192-W	18	79.10	32	.24		0	73.30	77.81				+2.97 +0.02		
L-192-W		34-N	24	79.13	29	.21		0	73.30	77.81	4383.79	261.71		+2.95 0.00	339.52	342.47
		35-N	30	79.37	30	.22		0	73.55	78.07	4381.23	261.56		+2.93 -0.02	339.61	342.56
			34	79.52	34	.25		0	73.73	78.27	4379.06	261.43		+2.91 -0.04	339.66	342.61
			38	80.03	35	.26		0	74.25	78.82	4372.35	261.03		+2.88 -0.07	339.78	342.73
READ NAIL, LOOKED TO BE 37+50 N			42	80.21	33	.24		0	74.41	78.99	4369.76	260.87		+2.86 -0.09	339.77	342.72
			47	81.14	35	.26		0	75.36	80.00	4386.01	260.05		+2.84 -0.11	339.94	342.89
SHANEY		40-N	52	81.87	29	.21		0	76.04	80.72	4344.63	259.37		+2.82 -0.13	339.96	342.91
			58	83.27	33	.24		0	77.47	82.24	4321.80	258.01		+2.80 -0.15	340.10	343.05
			63	83.98	28	.21		0	78.15	82.96	4310.32	257.33		+2.78 -0.17	340.12	343.07
NO NAIL. SHOULD I SKIP OR READ THE		BASE OF LATH?									4299.62	256.69		+2.76 -0.19		
			67	85.06	29	.21		0	79.23	84.10	4291.55	256.21		+2.74 -0.21	340.10	343.06
		45-N	74	84.90	28	.21		0	79.07	83.93	4294.28	256.37		+2.72 -0.23	340.07	343.02
NO NAIL. READ BASE OF LATH		ϕ 192-W 24-W	80	83.66	25	.18		0	77.80	82.59	4313.83	257.54		+2.70 -0.25	339.88	342.83
			86	83.26	33	.24		0	77.46	82.27	4321.34	257.98		+2.68 -0.27	339.98	342.93
			91	82.04	29	.21		0	76.21	80.90	4342.07	259.22		+2.66 -0.29	339.83	342.78
			95	81.00	34	.25		0	75.21	79.84	4359.01	260.23		+2.64 -0.31	339.76	342.71
		50-N	98	81.13	30	.22		0	75.31	79.94	4359.30	260.25		+2.62 -0.33	339.86	342.81
			102	81.19	32	.24		0	75.39	80.03	4360.34	260.31		+2.60 -0.35	339.99	342.94
			106	81.05	28	.21		0	75.22	79.85	4365.70	260.63		+2.58 -0.37	340.11	343.06
			110	80.71	34	.25		0	74.92	79.53	4374.35	261.15		+2.56 -0.39	340.19	343.24
			113	80.59	33	.24		0	74.79	79.39	4378.38	261.39		+2.54 -0.41	340.37	343.32
		55-N	117	80.61	32	.24		0	74.81	79.41	4380.87	261.54		+2.52 -0.43	340.52	343.47
L-192-W ϕ 192-W 32-W		55+55-N	123	5180.54	28	.21	-6.04	0	74.71	79.31	4383.11	261.67		+2.50 -0.45	340.54	343.49

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. THIN DATE SEPT. 4/76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.06152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
L-192-W <small>NO NAIL.</small>		56-N	132	5180.46	23	.17	-6.04	0	74.59	79.18	4385.98	261.84		+4.50 -4.5	340.57	343.52
			137	79.86	29	.21		0	74.03	78.58	4396.06	262.44		+2.48 -4.7	340.55	343.50
<small>NO NAIL. ELEVATIONS ONLY EVERY 200'</small>			143	7850	28	.21		0	72.67	77.14	4405.99	263.04		+2.46 -4.7		
			143	7850	28	.21		0	72.67	77.14	4419.00	263.81		+2.49 -4.7	340.44	343.39
END OF L-192W		60-N	150	77.85	31	.23		0	72.04	76.47	4430.54	264.50		+2.42 -5.3	340.44	343.39
ϕ 28 TLCA 15-W	ϕ	28+00	167	78.02	33	.24		0	72.22	76.66	4421.72			+5.31 -2.36		
		30+00	174	76.22	32	.24		0	70.42	74.75	4454.24			+5.30 -2.36		
		32-W	180	73.97	27	.20		0	68.13	72.32	4494.51			+5.29 -2.36		SLIGHT DISCREPANCY.
		34-W	192	71.93	24	.18		0	66.07	70.13	4533.24			+5.28 -2.36		
		36-W	197	69.09	30	.22		0	63.27	67.16	4581.36			+5.27 -2.36		
ϕ T.L.C.A. 40-W	#16	38-W	205 200	66.29	29	.21	-6.04	0.0	60.46	64.18	4630.79			+5.26 -2.36		
<small>CANNOT FIND BASE #16 AT 40</small>		40-W	12	64.89	34	.25			59.10	62.74	4657.03			+5.24 -2.36		(Expect -62.72)
REPEAT = R	ϕ	28+00	35	78.05	32	.24					4421.72					
READ ONLY NAIL IN AREA, 12' AWAY WITH 60. #2 RIBBON. BUMP?	ϕ	#2?	L184 W 60 N	47	81.14	33	.24									
	ϕ	168-W 60-N		75	84.90	36	.27									
		#2?		95	81.12	34	.25									
	ϕ	168-W 60-N		118	84.91	34	.25									
L-168		59+00-N	130	85.28	33	.24										
			135	85.65	31	.23										
		57-N	140	85.91	27	.20										

TIED TO MAG ~~CHART~~ B.S.

No ELEVATIONS

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

PAGE No. 3

JOB No. THIN

DATE SEPT. 4/76 OPERATOR O'CONNOR

INSTRUMENT G-237

INSTR. CONSTANT 1.06152

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity
L-168		56-N	145	5186.06	33	.24									
		55-N	150	86.24	34	.25									
			154	86.32	32	.24									
MARKED # 54-N		53-N	157	86.22	31	.23									
ETC.			160	85.94	32	.24									
MARKED 52-N			163	86.04	31	.23									
" 51-N ↓		50-N	168	86.88	26	.19									
			180	88.21	30	.22									
CREEK X			183	89.12	36	.27									
			186	89.24	35	.26									
			190	89.07	34	.25									
		45-N	193	88.19	30	.22									
			197	87.43	28	.21									
			201	86.58	34	.25									
			204	85.85	34	.25									
			209	85.06	29	.21									
STILL MARKED 40-N		40-N	214	83.98	34	.25									
			218	82.52	36	.27									
			222	80.98	26	.19									
			226	79.40	34	.25									
			230	77.67	32	.24									
"		35-N	234	76.12	27	.20									
			238	74.80	31	.23									
			241	73.63	32	.24									
		32-N	245	72.52	31	.23									

ELEVATIONS

No

PETER E. WALCOTT & ASSOC. LTD.

GRID

GRAVITY DATA

JOB No. CREEK

DATE

OCT. 3

OPERATOR

O'CONNOR

INSTRUMENT

G-237

INSTR. CONSTANT

1.061⁵²

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr. 7.05	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho = .0597$ Elev. Corr.	Lati- tude	Latitude Corr.	$\rho =$ Bouguer Gravity	
LOWER ANVIL →	CAMP BASE		925	5264.30	36	.27	6.99	.00	157.58							
THIN ↓	#16		1017	5167.23	38	.28			60.52 ²⁶	64.18						
L-176-W	L-176-W B-L-64-1	61-N ✓	1055	84.18	44	.33	.32	-.01	77.51	82.21	4320.70		+2.45	343.20		
			✓ 1103	84.57	37	.27	.26		77.84	82.57	4323.66		+2.47	343.16		
			✓ 1107	85.12	36	.27	.26		78.39	83.15	4314.09		+2.49	343.19		
			✓ 1112	85.49	35	.26	.25		78.75	83.53	4307.89		+2.51	343.22		
			✓ 1115	85.73	39	.29	.28		79.02	83.82	4302.23		+2.53	343.19		
			✓ 1118	86.62	38	.28	.27		79.90	84.75	4287.25		+2.55	343.25		
		55-N	✓ 1122	86.17	41	.30	.29		79.47	84.30	4293.35		+2.57	343.18		
			✓ 1202	85.67	39	.29	.26	-.03	78.94	83.73	4301.14		+2.59	343.10		
			✓ 1205	85.09	27	.27	.24		78.34	83.10	4309.21		+2.61	342.97		
			✓ 1209	84.37	38	.28	.25		77.63	82.34	4318.44		+2.63	342.78		
5184.09 = T.P. 1212			✓ 1218	81.60	33	.24	.20	-.04	77.81	82.53	4312.97		+2.65	342.66		
		50-N	✓ 1222	87.01	36	.27	.23		80.25	85.12	4274.94		+2.67	343.00		
			✓ 1226	88.89	37	.27	.23		82.13	87.12	4246.05		+2.69	343.20		
			✓ 1230	89.08	40	.30	.26		82.35	87.35	4242.83		+2.71	343.36		
			✓ 1242	89.07	40	.30	.26		82.34	87.34	4243.13		+2.73	343.38		
			✓ 1245	88.02	38	.28	.24		81.27	86.24	4261.18		+2.75	343.35		
		45-N	✓ 1249	86.41	37	.27	.23		79.65	84.49	4287.60		+2.78	343.23		
		44	✓ 1253	84.27	34	.25	.21		77.49	82.19	4320.89		+2.79	342.94	≠ Check.	
		43	✓ 1258	83.53	36	.27	.23		76.77	81.43	4331.79		+2.81	342.85	≠ check	
		42	✓ 1302	85.96	42	.3	.27		79.24	84.05	4295.92		+2.83	343.35		
PT. NO NAIL.		41	✓ 1306	85.65	42	.3	.26	-.05	78.92	83.71	4302.10		+2.85	343.40		
		40-N	✓ 1309	85.22	35	.26	.21		78.44	83.20	4309.53		+2.87	343.35		
		39-N	✓ 1312	84.33	37	.27	.22		77.56	82.27	4323.69		+2.89	343.28		

PAGE No. 2
 F.W.
 JOB No. GRID

PETER E. WALCOTT & ASSOC. LTD.
 GRAVITY DATA

DATE OCT. 3 1976

OPERATOR O'CONNOR

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr. 7.05	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr. -0.877	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-176 W		38-N	✓ 1317	83.12	35	.26 ²¹	6.99	-0.05	76.34	80.97	1345.91			+2.91	343.33	
			✓ 1320	81.55	37	.27	.22		74.78	79.3 ²	1372.06			+2.92	343.26	
			✓ 1324	80.16	38	.28	.23		73.40	77.85	1397.31	262.5 ²		+2.96	343.33	
		35-N	✓ 1327	79.03	38	.28	.23		72.27	76.66	1417.14	263.7 ²		+2.98	343.35	*
			✓ 1331	77.89	37	.27	.22		71.12	75.43	1437.19			+3.00	343.33	
			✓ 1334	76.97	35	.26	.21		70.19	74.44	1452.99			+3.0 ²	343.30	
			✓ 1338	76.00	40	.30	.25		69.26	73.46	1469.2 ²			3.04	343.32	
			✓ 1342	74.76	36	.27	.22		67.99	72.11	1490.66			+3.06	343.26	
		30-N	✓ 1346	73.42	41	.30	.25		66.68	70.7 ²	1512.75			+3.08	343.21	
			✓ 1350	71.96	38	.28	.23		65.20	69.15	1535.93	270.80		+3.10	343.05	
L-184 W	BASE # 12	30-N	✓ 1406	78.17	33	.24	.18	-0.06	71.36	75.69	1426.51			+3.05	343.00	342.85
CANT FILD NAIL. BASE OF PICKET.			✓ 1412	77.02	40	.30	.24		70.27	74.53	1442.71			+3.07	342.83	342.83
			✓ 1417	75.92	39	.29	.23		69.16	73.35	1460.73			3.09	342.75	342.77
			✓ 1421	74.75	34	.25	.19		67.95	72.07	1480.1 ²			3.11	342.64	342.60
			✓ 1423	73.26	40	.30	.24		66.51	70.54	1501.38			3.13	342.58	342.57
NO NAIL. PIT.		25-N	✓ 1426	72.04	39	.29	.23		65.28	69.23	1524.36			3.15	342.48	342.5 ²
		24-N	✓ 1430	69.74	35	.26	.20		62.95	66.76	1562.33			3.17	342.30	342.24
NO NAIL. BASE OF PICKET.			✓ 1437	66.18	34											
		23-N	✓ 1442	64.79	35	.26	.19	-0.07	57.99	61.49	1641.23			3.19	341.76	341.74 N.R.
			✓ 1447	63.22	38	.28	.21		56.44	59.85	1667.78			3.21	341.73	341.74
NO NAIL. BASE OF PIT.		20-N	✓ 1452	62.95	37	.27	.20		56.16	59.55	1675.20			3.23	341.89	341.95
		20-N	✓ 1503	62.95	39	.29	.22		56.18	59.57	1677.84			3.25	342.09	342.14
NO NAIL OR PIT. BASE OF PICKET.			✓ 1508	62.82	33	.24	.17		56.00	59.38	1681.89			3.27	342.16	342.3 ²
			✓ 1511	62.66	31	.23	.16		55.83	59.20	1687.53			3.29	342.34	342.46
		17-N	✓ 1514	62.12	36	.27	.20		55.33	58.67	1698.18			+3.31	342.46	342.5 ²

7.05

FINN.



1010.

FAT GRAV. (68)

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE 23/8 OPERATOR DAMON INSTRUMENT INSTR. CONSTANT 10107 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho = .0597$ Elev. Corr. \downarrow	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
NOTE																
BASE STATION	12	3045N	0	528.5	24	1.9	+218.5	0	748.9							1192.6
L192		30N	13	536.4	35	2.7		-.2	751.4	76.55	4398.38	262.58		+3.03 +0.08	339.21	342.16
<u>L.192-W</u>		29	18	531.8	28	2.2		-.3	752.2	76.02	4405.84	263.03		+3.05 +0.10	339.15	342.10
		28	23	524.5	36	2.8		-.4	745.4	75.34	4416.05	263.64		+3.07 +0.10	339.10	342.05
		27	27	518.4	31	2.4		-.6	738.8	74.67	4427.33	264.31		+3.09 +0.14	339.12	342.07
		26	31	510.2	24	1.9		-.6	730.0	73.78	4441.79	265.17		+3.11 +0.16	339.11	342.06
		25	35	499.5	30	2.3		-.6	719.7	72.74	4459.35	266.22		+3.13 +0.17	339.14	342.09
		24	41	496.0	29	2.3		-.7	710.1	71.77	4474.94	267.15		+3.15 +0.20	339.12	342.07
		23	44	477.9	33	2.6		-.8	698.2	70.57	4494.32	268.31		+3.17 +0.22	339.10	342.05
		22	49	466.5	33	2.6		-.9	686.7	69.40	4513.16	269.44		+3.19 +0.24	339.08	342.03
		21	57	450.8	33	2.6		-1.1	670.8	67.80	4539.48	271.01		+3.21 +0.26	339.07	342.02
		20	63	440.6	34	2.6		-1.2	660.5	66.76	4556.34	272.01		+3.23 +0.28	339.05	342.00
		19	68	427.0	35	2.7		-1.3	646.9	65.38	4578.34	273.33		+3.25 +0.30	339.01	341.96
		18	74	416.8	28	2.2		-1.4	636.1	64.29	4596.14	274.39		+3.27 +0.32	339.00	341.95
		17	79	402.5	38	3.0		-1.5	622.5	62.92	4618.08	275.70		+3.29 +0.34	338.96	341.91
		16	84	391.9	31	2.4		-1.6	611.2	61.77	4636.60	276.81		+3.31 +0.36	338.94	341.89
		15	89	378.4	32	2.5		-1.6	597.8	60.42	4658.25	278.10		+3.33 +0.38	338.90	341.85
		14	94	364.0	32	2.5		-1.7	583.3	58.95	4680.82	279.44		+3.35 +0.40	338.79	341.74
		13	99	349.5	35	2.7		-1.8	568.9	57.50	4704.13	280.84		+3.37 +0.42	338.76	341.71
		12	105	338.2	37	2.9		-1.9	557.7	56.37	4723.24	281.98		+3.39 +0.44	338.79	341.74
		11	110	326.8	31	2.4		-2.0	545.7	55.15	4741.74	283.08		+3.41 +0.46	338.69	341.64
see p. 3. 10 Michael Week		10	115	316.0	33	2.6		-2.1	535.0	54.07	4757.74	284.04		+3.43 +0.48	338.59	341.54
		9	119	308.2	36	2.8	+18.5	-2.2	527.3	53.29	4770.16	284.78		+3.45 +0.50	338.59	341.52

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE 23/8 OPERATOR DAMON INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<u>L 192</u>																
		811	124	300.4	32	2.5	+218.5	-2.3	519.1	52.47	4782.04	285.49		+3.47 +0.50	338.48	341.43
		7N	129	301.5	29	2.3		-2.4	519.9	52.55	4779.51	285.34		+3.49 +0.54	338.43	341.38
		6N	135	312.7	29	2.3		-2.5	531.0	53.67	4758.02	284.05		+3.51 +0.56	338.58	341.23
		5N	STEEP								4791.55	286.06		+3.53 +0.58		
		4N	145	271.3	36	2.8		-2.7	489.9	49.51	4831.18	288.42		+3.55 +0.60	338.53	341.48
		3N	149	242.7	26	2.0		-2.8	460.4	46.53	4867.16	290.51		+3.57 +0.62	337.72	340.67
		2N	154	224.3	32	2.5		-2.9	442.4	44.71	4897.73	292.39		+3.59 +0.64	337.74	340.69
		1N	158	209.5	22	1.7		-2.9	426.8	43.14	4922.42	293.87		+3.61 +0.66	337.67	340.62
BASE STATION		00	162	196.1	27	2.1	+218.5	-3.0	413.7	41.81	4943.85	295.15		+3.63 +0.68	337.64	+0.7 340.59
L/192	#4-A	00	0	196.4	27	2.1				+171.9	0	370.4				
L/192 B.S.	#4	0+155	2	194.7	30	2.3	+171.7	0	368.7	+171.9	-0.2	368.7			R.S. =	370.7
	#4-A	00	8	196.5	33	2.6	+171.7	+0.1	370.9	+171.9	-0.6	370.4				
BASE STATION	#4	0+155	14	194.3	33	2.6	+171.7	+0.1	368.7							

(0.0125/25)

used micrometer for gravity & elev. sheet

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE 24/8 OPERATOR DAMON INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L 192																
BASE STATION	#4		0	195.2	33	2.6	+215.9	0	213.7							
<u>L 192</u>		4+005*	8	157.5	32	2.5		+1	376.0	38.00	5004.09	298.74		+3.71 10.76	337.50	340.45
		5	14	138.7	31	2.4		+1	351.1	36.09	5033.29	300.49		+3.73 10.78	337.26	340.31
		6	19	120.4	33	2.6		+2	339.1	34.27	5061.65	302.18		+3.75 10.80	337.25	340.20
		7	23	105.4	30	2.3		+2	323.8	32.73	5086.20	303.65		+3.77 10.82	337.00	340.15
		8	28	88.0	36	2.8		+2	306.9	31.02	5112.54	305.22		+3.79 10.84	337.08	340.03
		9	32	73.9	38	3.0		+3	293.1	29.62	5135.61	306.60		+3.81 10.86	337.08	340.03
		10	37	57.2	31	2.4		+3	275.8	27.88	5160.53	308.08		+3.83 10.88	336.84	339.79
		11	42	39.9	34	2.6		+4	258.8	26.16	5185.72	309.59		+3.85 10.90	336.65	339.60
		12	49	26.3	29	2.3		+4	244.9	24.75	5209.32	311.00		+3.87 10.92	336.67	339.62
		13	53	6.2	33	2.6	+215.9	+0.5	225.2	22.76	5239.11	312.77		+3.89 10.94	336.47	339.42

(0.0085 x 35)

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE 24/8 OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Lati-tude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<u>L184</u>		11-1005	74	9.9	28	2.2	+215.9	+1.1	228.7	23.11	5234.34	312.49		+3.87 +0.72	336.52	339.47
		10	80	34.3	31	2.4		+1.1	253.3	25.60	5199.80	310.43		+3.85 +0.96	336.93	339.88
		9	85	49.2	30	2.3		+1.8	268.2	27.11	5176.93	309.06		+3.83 +0.88	339.05	340.00
		8	89	65.1	30	2.3		+1.8	284.1	28.71	5152.75	307.62		+3.81 +0.86	339.19	340.14
		7	93	80.8	31	2.4		+1.8	299.9	30.31	5128.67	306.18		+3.79 +0.84	337.33	340.28
		6	98	97.2	37	2.9		+1.9	318.9	32.23	5098.81	304.40		+3.77 +0.82	337.45	340.40
		5	102	114.3	33	2.6		+1.9	333.1	33.73	5075.22	302.99		+3.75 +0.80	337.52	340.47
		4	108	128.4	26	2.0		+1.0	347.3	35.10	5053.14	301.67		+3.73 +0.78	337.55	340.50
STEEP		3	115	149.7	28	2.2		+1.0	368.3	37.27	5016.46	299.48		+3.71 +0.76	337.57	340.46
STEEP		2	127	181.5	35	2.7		+1.1	401.2	40.56	4963.42	296.32		+3.69 +0.74	337.61	340.56
STEEP		1	135	209.5	31	2.4		+1.2	429.0	43.36	4920.56	293.76		+3.67 +0.72	337.84	340.79
BASE STATION #4			147	194.0	32	2.5	+215.9	+1.3	413.7							

(0.008825)

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE 24/8 OPERATOR *DAVID* INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Lati-tude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<i>BASE STATION</i>	<i>#4</i>	<i>L/192</i>	<i>0</i>	<i>193.1</i>	<i>32</i>	<i>2.5</i>	<i>+28.1</i>	<i>0</i>	<i>413.7</i>							
<i>L/184</i>		<i>BL</i>	<i>11</i>	<i>234.3</i>	<i>33</i>	<i>2.6</i>					<i>4880.91</i>					
		<i>1 (N)</i>	<i>19</i>	<i>216.9</i>	<i>36</i>	<i>2.8</i>					<i>4913.06</i>					
		<i>2</i>	<i>24</i>	<i>211.3</i>	<i>28</i>	<i>2.2</i>					<i>4926.39</i>					
		<i>3</i>	<i>28</i>	<i>226.1</i>	<i>32</i>	<i>3.0</i>					<i>4904.22</i>					
		<i>4</i>	<i>32</i>	<i>247.1</i>	<i>36</i>	<i>2.8</i>					<i>N.R.</i>					
		<i>5</i>	<i>37</i>	<i>234.0</i>	<i>40</i>	<i>3.1</i>					<i>4893.92</i>					
		<i>6</i>	<i>41</i>	<i>241.6</i>	<i>35</i>	<i>2.7</i>					<i>4883.74</i>					
		<i>7</i>	<i>44</i>	<i>254.0</i>	<i>32</i>	<i>2.5</i>					<i>4866.13</i>					
		<i>8</i>	<i>49</i>	<i>263.8</i>	<i>31</i>	<i>2.4</i>					<i>4850.67</i>					
		<i>9</i>	<i>54</i>	<i>272.1</i>	<i>32</i>	<i>2.5</i>					<i>4836.97</i>					
		<i>10</i>	<i>57</i>	<i>281.5</i>	<i>37</i>						<i>4823.15</i>					
		<i>11</i>	<i>62</i>	<i>291.0</i>	<i>38</i>						<i>4807.56</i>					
		<i>12</i>	<i>65</i>	<i>305.3</i>	<i>34</i>						<i>4785.12</i>					
		<i>13</i>	<i>69</i>	<i>317.4</i>	<i>33</i>						<i>4766.72</i>					
		<i>14</i>	<i>73</i>	<i>330.0</i>	<i>33</i>						<i>4747.16</i>					
		<i>15</i>	<i>77</i>	<i>344.5</i>	<i>34</i>						<i>4725.54</i>					
		<i>16</i>	<i>81</i>	<i>352.9</i>	<i>31</i>						<i>4711.73</i>					
		<i>17</i>	<i>86</i>	<i>360.3</i>	<i>34</i>						<i>4698.18</i>					
		<i>18</i>	<i>90</i>	<i>365.5</i>	<i>36</i>						<i>4687.53</i>					
		<i>19</i>	<i>94</i>	<i>368.0</i>	<i>33</i>						<i>4681.89</i>					
		<i>20</i>	<i>98</i>	<i>368.8</i>	<i>34</i>		<i>+28.1</i>				<i>4677.84</i>					

Repeated.

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. FIN DATE 25/8 OPERATOR DAMON INSTRUMENT _____ INSTR. CONSTANT .10107 LATITUDE _____ CHECKED _____

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
BASE STATION	#12		0	533.7	31	2.4	+22.8	0	748.9							1192.6
176		30-N.	4	532.2	30	2.3		+1	747.4	75.54	4426.51	264.26		+3.05 +0.10	339.90	342.85
<u>184.</u>		29	7	522.3	27	2.1		+2	737.4	74.53	4442.71	265.23		+3.07 +0.10	339.88	342.83
		28	13	510.4	32	2.5		+2	725.9	73.37	4460.73	266.31		+3.04 +0.11	339.82	342.77
		27	18	497.7	25	1.9		+3	712.7	72.03	4480.12	267.46		+3.11 +0.16	339.65	342.60
		26	22	482.7	25	1.9		+4	697.8	70.53	4504.38	268.91		+3.13 +0.18	339.62	342.57
		25	26	470.1	26	2.0		+5	685.4	69.27	4524.36	270.10		+3.15 +0.20	339.57	342.52
		24	30	445.3	29	2.3		+5	660.9	66.80	4562.33	272.37		+3.17 +0.21	339.39	342.34
		23					NO	READING?			4641.23	277.08		+3.19 +0.19	?	
		22	38	376.4	31	2.4		+7	592.3	59.86	4667.78	278.67		+3.21 +0.26	338.79	341.74
		21	41	373.5	36	2.8		+7	589.8	59.61	4675.20	279.11		+3.23 +0.28	339.00	341.95
		20	45	373.6	35	2.7		+8	589.9	59.62	4677.84	279.27		+3.25 +0.30	339.19	342.14
		19	49	373.2	30	2.3		+8	589.1	59.54	4681.89	279.51		+3.27 +0.32	339.37	342.32
		18	54	370.6	33	2.6		+9	586.9	59.32	4687.53	279.85		+3.29 +0.34	339.51	342.46
		17	58	364.4	37	2.9		+10	581.1	58.73	4698.18	280.48		+3.31 +0.36	339.57	342.52
		16	62	356.7	37	2.9		+11	573.5	57.96	4711.73	281.29		+3.33 +0.38	339.63	342.58
		15	66	348.3	31	2.4		+11	564.6	57.06	4725.54	282.11		+3.35 +0.40	339.57	342.62
		14	70	333.6	34	2.6		+12	550.2	55.61	4747.16	283.41		+3.37 +0.42	339.44	342.39
		13	74	320.7	36	2.8		+13	537.6	54.34	4766.72	284.57		+3.39 +0.44	339.35	342.30
		12	78	309.1	35	2.7		+14	526.0	53.16	4785.12	285.67		+3.41 +0.46	339.29	342.24
		11	82	294.4	40	3.1		+14	511.7	51.72	4807.56	287.01		+3.43 +0.48	339.21	342.16
		10	85	285.0	37	2.9	+22.8	+15	502.2	50.76	4823.15	287.94		+3.45 +0.50	339.20	342.15

USED MICHAEL'S
See 182

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. FIN

DATE 25/8

OPERATOR DAMON

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
BASE STATION	#5		0	209.8	36	2.8	+216.0	0	428.6							
<u>L/176</u>		1+005	7	192.3	33	2.6	2.6	+ .1	411.0	41.54	4962.96	296.29		+3.70 +0.75	338.58	341.53
		2	14	177.5	36	2.8	2.8	+ .1	396.4	40.06	4984.71	297.59		+3.72 +0.77	338.42	341.37
		3	19	159.0	34	2.6	2.6	+ .2	377.8	38.18	5013.18	299.29		+3.74 +0.79	338.26	341.21
		4	23	152.4	34	2.6	2.6	+ .2	371.2	37.52	5021.76	299.80		+3.76 +0.81	338.13	341.08
		5	28	125.1	39	3.0	3.0	+ .3	344.4	34.81	5059.74	300.07		+3.78 +0.83	337.71	340.66
		6	32	104.0	28	2.2	2.2	+ .3	322.5	32.60	5093.12	304.06		+3.80 +0.85	337.51	340.46
		7	38	82.1	35	2.7	2.7	+ .4	301.2	30.44	5124.00	305.90		+3.82 +0.87	337.21	340.16
		8	44	55.8	41	3.2	3.2	+ .5	276.5	27.84	5161.79	308.16		+3.84 +0.89	336.89	339.84
		9	50	29.5	35	2.7	2.7	+ .5	248.7	25.14	5200.33	310.46		+3.86 +0.91	336.51	339.46
		10	56	2.9	36	2.8	2.8	+ .6	222.3	22.47	5238.95	312.77		+3.88 +0.93	336.17	339.12
BASE STATION	#5		105	208.5	39	3.0	+216.0	+1.1	428.6							

(0.0104761)

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. FIN

DATE 25/8

OPERATOR DAMON

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
BASE STATION	#5		0	208.0	39	3.0	+217.6	0	428.6							875.8
<u>L/176</u>		1+00N	8	216.1	31	2.4		0	436.1	44.08	4925.41	294.05		+3.66 +0.71	338.84	341.79
		2	14	200.9	36	2.8		-0.1	421.2	42.51	4949.50	295.49		+3.64 +0.69	338.75	341.70
		3	18	210.4	36	2.8		-1	430.7	43.53	4938.16	294.81		+3.62 +0.67	339.01	341.96
		4	21	216.8	33	2.6		-1	436.9	44.16	4929.40	294.29		+3.69 +0.65	339.10	342.05
		5	26	227.3	29	2.3		-1	447.1	45.19	4914.39	293.39		+3.58 +0.63	339.21	342.16
		6	29	236.2	38	3.0		-0.1	456.7	46.16	4898.53	292.44		+3.56 +0.61	339.21	342.16
		7	36	244.2	37	2.9		-0.2	464.5	46.95	4885.41	291.66		+3.54 +0.59	339.20	342.15
		8	39	254.3	37	2.9		-0.2	474.6	47.97	4872.48	290.77		+3.52 +0.57	339.49	342.16
		9	42	265.5	33	2.6		-0.2	485.5	49.07	4853.26	289.74		+3.50 +0.55	338.29	342.31
		10	46	276.1	35	2.7		-0.2	496.2	50.15	4836.85	288.76		+3.48 +0.53	339.44	342.39
		11	49	290.3	34	2.6		-0.2	510.3	51.58	4814.93	287.45		+3.46 +0.51	339.54	342.49
		12	52	299.7	31	2.4		-0.3	519.4	52.50	4801.54	286.65		+3.44 +0.49	339.64	342.59
		13	55	306.5	36	2.8		-0.3	526.6	53.22	4789.78	285.95		+3.42 +0.47	339.64	342.59
		14	60	321.9	35	2.7		-0.3	541.9	54.77	4767.79	284.64		+3.40 +0.45	339.86	342.81
		15	64	334.0	33	2.6		-0.3	553.9	55.98	4749.53	283.55		+3.38 +0.43	339.96	342.91
		16	68	339.7	34	2.6		-0.3	559.6	56.56	4740.90	283.03		+3.36 +0.41	340.00	342.95
		17	72	349.8	33	2.6		-0.3	569.7	57.58	4722.12	281.91		+3.34 +0.39	339.88	342.83
		18	76	360.7	36	2.8		-0.4	580.7	58.69	4702.97	281.07		+3.32 +0.37	340.13	342.08
		19	80	353.7	33	2.6		-0.4	573.5	57.96	4719.11	281.73		+3.30 +0.35	340.04	342.99
		20	84	358.7	32	2.5		-0.4	578.4	58.46	4711.02	281.25		+3.28 +0.33	340.04	342.99
		21	88	367.9	31	2.4	+217.6	-0.4	587.5	59.38	4695.34	280.31		+3.26 +0.31	340.00	342.95

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. FIN

DATE 26/8

OPERATOR DAMON

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
BASE STATION	#11	3011	0	449.0	36	2.8	+212	0	664.0	67.11				+3.10 +0.15		
<u>L/169</u>		29	✓ 4	437.2	37	2.9		+1	652.4	65.94	4599.09	274.57		+3.13 +0.17	340.68	343.63
		28	✓ 8	419.8	32	2.5		+1	634.6	64.14	4625.15	276.14		+3.14 +0.19	340.47	343.42
		27	✓ 12	414.0	33	2.6		+2	629.0	63.57	4637.75	276.87		+3.16 +0.21	340.65	343.60
		26	✓ 15	407.0	31	2.4		+3	621.9	62.86	4649.27	277.56		+3.13 +0.23	340.65	343.60
		25	✓ 20	399.2	33	2.6		+3	614.3	62.09	4662.88	278.37		+3.20 +0.25	340.71	343.66
		24	✓ 25	387.2	32	2.5		+4	602.3	60.87	4681.81	279.50		+3.22 +0.27	340.64	343.59
		23	✓ 28	376.6	35	2.7		+5	592.0	59.83	4698.51	280.50		+3.24 +0.29	340.62	343.57
		22	✓ 31	368.5	36	2.8		+5	584.0	59.02	4712.06	281.31		+3.26 +0.31	340.64	343.59
		21	✓ 35	358.6	37	2.9		+6	574.3	58.04	4726.67	282.18		+3.28 +0.33	340.55	343.50
		20	✓ 39	368.4	31	2.4		+7	583.7	58.99	4712.19	281.32		+3.30 +0.35	340.66	343.61
		19	✓ 43	372.6	38	3.0		+7	588.5	59.48	4703.15	280.78		+3.32 +0.37	340.63	343.58
		18	✓ 47	353.6	32	2.5		+0.8	569.1	57.52	4732.72	282.54		+3.34 +0.39	340.45	343.40
		17	✓ 51	333.1	37	2.9		+9	549.1	55.50	4761.88	284.28		+3.36 +0.41	340.19	343.14
		16	✓ 54	330.1	38	3.0		+9	546.2	55.20	4767.90	284.64		+3.38 +0.43	340.27	343.22
		15	✓ 57	327.8	35	2.7		+1.0	543.7	54.95	4772.64	284.93		+3.40 +0.45	340.33	343.28
		14	✓ 61	326.5	39	3.0		+1.0	542.7	54.85	4774.19	285.02		+3.42 +0.47	340.34	343.29
		13	✓ 64	333.3	38	3.0		+1.1	549.6	55.55	4763.56	284.38		+3.44 +0.49	340.42	343.37
		12	✓ 67	322.2	37	2.9		+1.1	538.4	54.42	4779.96	285.36		+3.46 +0.51	340.29	343.24
		11	✓ 70	316.3	33	2.6		+1.2	532.3	53.80	4789.05	285.91		+3.48 +0.53	340.24	343.19
		10	✓ 74	308.9	34	2.6		+1.3	525.0	53.06	4799.45	286.53		+3.50 +0.55	340.14	343.09
		9	✓ 78	296.5	40	3.1		+1.3	513.1	51.86	4816.32	287.53		+3.52 +0.57	339.96	342.91
		8	✓ 81	284.1	39	3.0	+12	+1.4	500.7	50.61	4836.18	288.72		+3.54 +0.59	339.92	342.87
														+0.61		

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. *FIN* DATE *26/8* OPERATOR *OAMON* INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity
							<i>B.M.</i>								
<i>BASE STATION</i>	<i>#5</i>		<i>0</i>	<i>210.4</i>	<i>41</i>	<i>3.2</i>	<i>±215.0</i>	<i>0</i>	<i>428.6</i>	<i>13.32</i>					
<u><i>BASE LINE</i></u>		<i>178</i>	<i>4</i>	<i>213.5</i>	<i>29</i>	<i>2.3</i>		<i>+1</i>		<i>43.55</i>	<i>4928.22</i>				
		<i>180</i>	<i>10</i>	<i>222.1</i>	<i>30</i>	<i>2.3</i>		<i>+3</i>		<i>14.44</i>	<i>4911.67</i>				
		<i>182</i>	<i>14</i>	<i>229.3</i>	<i>25</i>	<i>1.9</i>		<i>+4</i>		<i>15.14</i>	<i>4896.90</i>				
		<i>184</i>	<i>20</i>	<i>235.9</i>	<i>37</i>	<i>2.9</i>		<i>+6</i>	<i>454.4</i>	<i>15.93</i>	<i>4880.91</i>		<i>+0.70</i>		
		<i>186</i>	<i>27</i>	<i>211.6</i>	<i>35</i>	<i>2.7</i>		<i>+8</i>		<i>13.47</i>	<i>4921.74</i>				
		<i>188</i>	<i>33</i>	<i>186.9</i>	<i>34</i>	<i>2.6</i>		<i>+10</i>		<i>40.98</i>	<i>4962.13</i>				
		<i>190</i>	<i>39</i>	<i>188.7</i>	<i>36</i>	<i>2.8</i>		<i>+12</i>		<i>41.21</i>	<i>4957.59</i>				
		<i>192</i>	<i>44</i>	<i>196.2</i>	<i>31</i>	<i>2.4</i>		<i>+14</i>	<i>415.0</i>	<i>41.94</i>	<i>4943.85</i>		<i>+0.68</i>		
<i>BASE STATION</i>	<i>#4</i>		<i>48</i>	<i>194.8</i>	<i>31</i>	<i>2.4</i>	<i>±215.0</i>	<i>+1.5</i>	<i>4137</i>						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

 JOB No. DATE *Oct 3.* OPERATOR *gm.* INSTRUMENT INSTR. CONSTANT *.1015²* LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Lati- tude	Latitude Corr. <i>12.95</i>	$\rho =$ Bouguer Gravity	
<u>L. 192-W.</u>	<i>BS #3</i>		0	637.7	30	2.3	-141.3	0	498.7							
		17-S ✓	22	305.0	32	2.5		0	166.2	16.87	5333.23	318.39	3.97 +1.02	336.28	339.23	
		✓ 26	26	316.4	34	2.6		0	177.7	18.04	5313.14	317.19	3.95 +1.00	336.23	339.18	
		15 ✓	29	332.2	33	2.6		0	192.5	19.64	5288.26	315.71	3.93 +0.97	336.33	339.28	
		14-S ✓	32	347.1	36	2.8	-141.3	0	208.6	21.18	5263.80	314.25	3.91 +0.96	336.39	339.34	
<i>Notes re-copied.</i>																

