020353 MIE SARK (1)
LEO-GRAU.

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PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date JULY 30, 76 Operator CHAN Instrument Instr. Constant .10152 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Base Corr. Reading	Drift in Scale Div.	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity	
			10:30													
GRAVITY BASE #15			0	704.7	36	2.8	0	+2.1	709.6							
L-4+00W		10+00S	17	553.8	28	2.2	+.1		558.2	56.67	4589.34	273.98	274.24	-3.71	328.70	*
		9+00S	22	573.8	31	2.4	+.1		578.4	58.72	4558.33	272.13	273.50	-3.73	328.49	
		8+00S	25	595.1	24	1.9	+.1		599.2	60.83	4525.16	270.15	271.51	-3.75	328.59	
		7+00S	30	616.3	24	1.9	+.2		620.5	62.99	4492.18	268.24	269.59	-3.76	328.82	
(0.000457/14)		6+00S	33	634.0	30	2.3	+.2		638.6	64.83	4465.30	266.58	267.92	-3.78	328.97	
		5+00S	37	655.2	27	2.1	+.2		659.6	66.96	4433.68	264.69	266.02	-3.80	329.18	
		4+00S	40	673.8	28	2.2	+.2		678.3	68.86	4406.43	263.06	264.39	-3.81	329.44	
		3+00S	43	685.6	28	2.2	+.2		690.1	70.06	4390.36	262.16	263.42	-3.83	329.65	
		2+00S	47	693.3	28	2.2	+0.2		697.8	70.84	4381.52	261.58	262.89	-3.85	329.88	
		1+00S	51	701.6	27	2.1	+0.3		706.1	71.68	4372.110	261.05	262.39	-3.86	330.16	
L-4+00W		B.L.	55	704.2	39	3.0	+0.3		709.6	72.04	4369.67	260.87	262.18	-3.88	330.34	
Gravity Base #15			60	704.4	36	2.8	+.3	+2.1	709.6							
		1+00N	66	712.8	33	2.6	+.3	+2.1	717.7	72.86	4358.39	260.19	261.50	-3.90	330.46	
		2+00N	70	719.6	33	2.6	+.3		724.6	73.56	4348.37	259.60	260.90	-3.91	330.55	
		3+00N	74	734.7	33	2.6	+.3		739.7	75.08	4326.93	258.32	259.62	-3.93	330.78	*
		4+00N	78	750.1	32	2.5	+.4		755.0	76.65	4302.77	256.88	258.17	-3.95	330.87	
Shaky (swamp)		5+00N	82	767.3	25	2.0	+.4		771.8	78.35	4278.17	255.41	256.69	-3.96	331.08	
			96	771.6	31	2.4	+.4		776.5	78.83						
		Swamp														
shaky		11+00N	96	771.6	31	2.4	+.4		776.5	78.83	4277.39	255.36	256.64	-4.01	331.40	331.28
		12+00N	101	764.6	32	2.5	+.5		769.7	77.65	4286.97	255.93	257.22	-4.08	330.76	
		13+00N	106	760.0	34	2.6	+.5		765.2	77.16	4294.17	256.36	257.65	-4.10	330.71	331.29
		14+00N	110	761.4	40	3.1	+.5		767.1	77.88	4292.61	256.27	257.56	-4.12	331.32	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 30, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-4W		15-N	115	774.8	26	2.0	+2.1	+.5	779.4	79.12	4277.42	255.36	256.65	-4.13	331.64	
		16-N	119	776.1	39	3.0		+.5	781.7	79.36	4275.87	255.27	256.55	-4.15	331.76	
swamp	-	17-N												-4.17		
	-	18-N												-4.18		
		19-N	126	767.7	36	2.8		+.6	773.2	78.50	4291.41	256.20	257.48	-4.20	331.78	
shaky		20-N	131	768.0	28	2.2		+.6	772.9	78.46	4292.48	256.26	257.55	-4.22	331.79	
		21-N	136	770.1	35	2.7		+.6	775.5	78.73	4290.32	256.13	257.42	-4.23	331.92	
		22-N	141	769.9	33	2.6		+.7	775.3	78.71	4291.26	256.19	257.48	-4.25	331.94	
		23-N	145	770.3	34	2.6		+.7	775.7	78.75	4292.29	256.25	257.54	-4.27	332.02	
		24-N	149	776.9	36	2.8		+.7	782.5	79.44	4284.04	255.76	257.04	-4.28	332.20	✓
		25-N	153	789.2	31	2.4		+.7	794.4	80.65	4270.29	254.94	256.22	-4.30	332.57	✓
L-4+00 W		26-N	158	789.2	36	2.8		+.7	794.8	80.69	4271.80	255.03	256.31	-4.32	332.68	✓
	B.S.#6		175	777.0	27	2.9	+2.1	+0.8	782.8							
	B.S.#6		0	777.2	37	2.9	+2.7	0	782.8							
L-4+00 W		27-N	15	780.5	39	3.0		0	786.2	79.82	4284.46	255.78	257.07	-4.33	332.56	
		28-N	19	780.3	38	2.9		+.1	786.0	79.79	4286.68	255.91	257.20	-4.35	332.64	
		29-N	23	781.5	37	2.9		+.1	787.2	79.92	4286.79	255.92	257.21	-4.37	332.76	
		30-N	27	781.1	37	2.9		+.1	786.8	79.88	4289.55	256.09	257.37	-4.38	332.87	
		31-N	31	781.0	37	2.9		+.1	786.8	79.88	4291.02	256.17	257.46	-4.40	332.94	
10.00 26 (43)		32-N	35	784.3	36	2.8		+.1	789.9	80.19	4287.92	255.99	257.28	-4.42	333.05	
		33-N	39	785.0	33	2.6		+.1	790.4	80.24	4288.78	256.04	257.33	-4.44	333.13	
		34-N	43	783.3	34	2.6		+.1	788.7	80.06	4293.99	256.35	257.64	-4.45	333.25	
		35-N	07	779.0	38	2.9		+.1	784.7	79.66	4301.94	256.83	258.12	-4.47	333.31	
L-4+00 W		36-N	50	776.9	35	2.7		+.1	782.4	79.43	4306.78	257.11	258.41	-4.49	333.35	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 30, 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.	ρ = Elev. Corr.	.06 Latitude	Latitude Corr.	ρ = Bouguer Gravity	
L-4+00 W		37-N	54	775.4	37	2.9	+2.7	+.1	781.1	79.30	4369.94	257.27	258.60	-4.50	333.40	
		38-N	58	771.6	41	3.1		+.2	777.6	78.94	4316.94	257.72	259.02	-4.52	333.44	
		39-N	62	768.0	39	3.0		+.2	773.9	78.57	4324.46	258.17	259.47	-4.54	333.50	
		40-N	66	765.0	38	2.9		+.2	770.8	78.25	4336.72	258.54	259.84	-4.55	333.54	
		41-N	70	761.5	36	2.8		+.2	767.2	77.89	4338.44	259.00	260.31	-4.57	333.63	
		42-N	74	758.8	36	2.8		+.2	764.5	77.61	4345.34	259.42	260.72	-4.59	333.74	
		43-N	78	756.0	38	2.9		+.2	761.8	77.34	4352.63	259.85	261.16	-4.60	333.90	
		44-N	81	750.9	34	2.6		+.2	756.4	76.79	4363.39	260.49	261.80	-4.62	333.97	
		45-N	85	745.8	38	2.9		+.2	751.6	76.30	4374.86	261.18	262.49	-4.64	334.15	
		46-N	89	740.8	39	3.0		+.2	746.7	75.81	4385.68	261.83	263.14	-4.65	334.30	
L-4+00 W		47-N	93	734.4	40	3.1		+.2	740.4	75.17	4399.17	262.63	263.95	-4.67	334.45	
		48-N	97	729.5	35	2.7		+.3	735.2	74.64	4409.23	263.23	264.55	-4.69	334.50	
		49-N	101	725.0	34	2.6		+.3	730.6	74.17	4419.40	263.84	265.16	-4.70	334.63	
		50-N	105	718.5	34	2.6		+.3	724.1	73.51	4431.30	264.55	265.88	-4.72	334.67	
		51-N	109	713.4	35	2.7		+.3	719.1	73.00	4443.05	265.25	266.58	-4.74	334.84	
		52-N	113	711.8	34	2.6		+.3	717.4	72.83	4448.89	265.60	266.93	-4.75	335.01	
		53-N	117	710.0	35	2.7		+.3	715.7	72.66	4454.55	265.94	267.27	-4.77	335.16	
		54-N	120	708.4	34	2.6		+.3	714.0	72.49	4460.58	266.30	267.63	-4.79	335.33	
		55-N	124	707.8	34	2.6		+.3	713.4	72.42	4464.77	266.55	267.89	-4.81	335.50	
		56-N	128	704.6	39	3.0		+.3	710.6	72.14	4471.51	266.95	268.29	-4.82	335.61	
		57-N	132	701.5	36	2.8		+.4	707.4	71.82	4478.26	267.35	268.70	-4.84	335.68	
		58-N	136	698.0	38	2.9		+.4	704.0	71.47	4486.59	267.85	269.20	-4.86	335.81	
		59-N	140	693.1	40	3.1		+.4	699.3	70.99	4495.48	268.38	269.73	-4.87	335.85	
L-4+00 W		60-N	144	697.8	31	2.4		+.4	703.3	71.40	4491.21	268.13	269.47	-4.89	335.98	
TL-4W			148	695.0	38	2.9		+.4	701.0	71.17						
B.S.# 7			153	683.2	36	2.8	+2.7	+0.4	689.1							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 30, 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.	ρ = Elev. Corr.	~~Lati-~~tude ,06	Latitude Corr.	ρ = Bouguer Gravity	
~~1-60N~~	B.S. #7		0	683.0	36	2.8	+3.3	0	689.1							
		TL-6W	5	679.8	38	2.9		0	~~712.1~~ 686.[illegible]	72.29	4523.26	270.04	271.40			
(0.0058823)		TL-8W	10	664.4	35	2.7		+.1	670.5	68.07	4550.72	271.68	273.04			
		TL-10W	15	651.5	37	2.9		+0.1	657.8	66.78	4575.83	273.18	274.55			
		TL-12W	21	645.0	36	2.8		+.1	651.2	66.11	4590.73	274.07	275.44			
INTER	60N	L-12W	24	645.7	38	2.9		+.1	652.0	66.19	4589.95	274.02	275.40			
		L-14W	29	641.0	36	2.8		+.2	647.3	65.71	4600.59	274.66	276.04			
		L-16W	35	629.5	37	2.9		+.2	635.9	64.56	4617.81	275.68	277.07			
		L-18W	40	612.5	37	2.9		+.2	618.9	62.83	4645.24	277.32	278.71			
	B.S. #8	L-20W	46	587.4	30	2.3		+.3	593.3	60.23	4685.77	279.74	281.15			
L-20W	INTER	60-N	49	587.7	33	2.6		+.3	593.9	60.29	4685.54	279.73	281.13			
		L-22W	54	575.5	36	2.8		+.3	581.9	58.42	4706.78	280.99	282.41			
		L-24W	59	588.3	37	2.9		+.3	594.8	60.38	4734.60	282.66	284.08			
		L-26W	64	535.9	38	2.9		+.4	542.5	55.08	4772.33	284.91	286.34			
cliff —		L-28W	—								4798.70	286.48	287.92			
		L-30W	72	504.5	36	2.8		+.4	511.0	51.88	4823.02	287.93	289.38			
		L-32W	76	543.7	34	2.6		+.5	550.1	55.85	4842.57	289.10	290.55			
		L-34W	82	490.9	31	2.4		+.5	497.1	50.47	4848.94	289.48	290.94			
INTER		L-36W	87	531.5	33	2.6		+.5	537.9	54.61	4788.50	285.87	287.31			
		L-38W	92	559.0	34	2.6		+.5	565.4	57.40	4746.43	283.36	284.79			
		L-40W	98	597.0	35	2.7		+.6	603.6	61.28	4686.09	279.76	281.17			
		L-42W	103	621.9	35	2.7		+.6	628.5	63.81	4645.25	277.32	278.72			
		L-44W	108	635.6	37	2.9		+.6	642.4	65.22	4621.58	275.91	277.29			
L-52W	B.S. #10		119	650.6	39	3.0	+3.3	+0.7	657.6							

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PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 31 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Latitude .06	Latitude Corr.	ρ = Bouguer Gravity	
			6:30													
GRAVITY BASE #10			0	647.7	32	+2.5	+7.4	0	657.6							
L-44 W		60 N	17	634.0	20	1.6	+7.4	-0.1	642.9	65.27	4620.65	275.85	277.24	-5.34	337.17	
		59 N	20	650.2	27	2.1	+7.4	-0.1	659.6	66.96	4591.29	274.10	275.48	-5.32	337.12	
		58 N	24	658.3	29	2.2	+7.4	-0.2	667.7	67.78	4575.00	273.13	274.50	-5.31	336.97	
		57 N	28	663.8	29	2.2	+7.4	-0.2	673.2	68.34	4563.40	274.43	273.80	-5.29	336.85	
		56 N	31	664.7	29	2.2	+7.4	-0.2	674.1	68.43	4559.90	272.23	273.59	-5.27	336.75	
		55 N	34	664.1	27	2.1	+7.4	-0.2	673.4	68.36	4557.83	272.10	273.47	-5.26	336.57	
(.006606)		54	38	663.4	26	2.0	+7.4	-0.2	672.6	68.28	4557.12	272.16	273.43	-5.24	336.47	
		53	42	663.5	28	2.2	+7.4	-0.3	672.8	68.30	4556.46	272.02	273.39	-5.22	336.47	
		52	45	661.2	30	2.3	+7.4	-0.3	670.6	68.08	4558.32	272.13	273.50	-5.20	336.38	
		51	48	661.8	31	2.4	+7.4	-0.3	671.3	68.15	4554.12	271.88	273.25	-5.19	336.21	
		50	50	662.5	32	2.5	+7.4	-0.3	672.1	68.23	4549.09	271.58	272.95	-5.17	336.01	
		49	53	664.4	27	2.1	+7.4	-0.3	673.6	68.38	4543.53	271.25	272.61	-5.15	335.84	
		48	56	664.7	27	2.1	+7.4	-0.3	673.9	68.41	4539.88	271.03	272.39	-5.14	335.66	
		47	61	667.7	34	2.6	+7.4	-0.4	677.3	68.76	4531.72	270.54	271.90	-5.12	335.54	
		46	65	668.1	19	1.5	+7.4	-0.4	676.6	68.69	4529.60	270.42	271.78	-5.10	335.37	
		45	69	667.4	33	2.6	+7.4	-0.4	677.0	68.73	4526.96	270.26	271.62	-5.09	335.26	
		44	72	668.1	29	2.2	+7.4	-0.4	677.3	68.76	4523.55	270.06	271.41	-5.07	335.10	
		43	75	668.7	30	2.3	+7.4	-0.5	677.9	68.82	4519.78	269.83	271.19	-5.05	334.96	
		42	78	669.8	36	2.8	+7.4	-0.5	679.5	68.98	4515.17	269.56	270.91	-5.04	334.85	
		41	81	673.0	38	2.9	+7.4	-0.5	682.8	69.32	4506.94	269.06	270.42	-5.02	334.72	
		40	82	675.7	30	2.3	+7.4	-0.5	684.7	69.51	4501.28	268.73	270.08	-5.00	334.59	
		39	84	677.0	32	2.5	+7.4	-0.5	686.4	69.68	4497.03	268.47	269.82	-4.99	334.51	
L-44 W		38+00 N	86	677.2	31	+2.4	+7.4	-0.5	686.5	69.69	4494.08	268.30	269.64	-4.97	334.36	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date July 31 Operator L.P. Instrument Instr. Constant .10152 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr.	.06 Latitude	Latitude Corr.	Bouguer Gravity	
L-44 W		37+00 N	90	682.0	29	2.2	-0.6	+7.4	691.0	70.15	4483.79	267.68	269.03	-4.95	334.23	
		36	93	691.5	32	2.5	-.06	+7.4	700.8	71.15	4465.37	266.58	267.92	-4.94	334.13	
		35	96	701.2	31	2.4	-.06	+7.4	710.4	72.20	4446.26	265.44	266.78	-4.92	334.06	
		34	99	710.2	28	2.2	-.06	+7.4	719.2	73.01	4428.51	264.38	265.71	-4.90	333.82	
(.00060606)		33	102	716.7	26	2.0	-.06	+7.4	725.5	73.65	4415.64	263.61	264.94	-4.89	333.70	
		32	105	719.3	32	2.5	-0.6	+7.4	728.6	73.97	4468.79	263.20	264.53	-4.87	333.63	
		31	108	721.9	29	2.2	-.07	+7.4	730.8	74.19	4402.31	262.82	264.14	-4.85	333.48	
		30	111	724.9	33	2.6	-.07	+7.4	734.2	74.54	4394.06	262.33	263.64	-4.83	333.35	
		29	115	727.0	31	2.4	-.07	+7.4	736.1	74.73	4387.82	261.95	263.27	-4.82	333.18	
		28	118	729.5	32	2.5	-.07	+7.4	738.7	74.99	4380.50	261.52	262.83	-4.80	333.02	
		27	120	733.1	30	2.3	-.07	+7.4	742.1	75.34	4371.98	261.01	262.32	-4.78	332.88	
		26	122	736.1	30	2.3	-.07	+7.4	745.1	75.64	4364.45	260.56	261.87	-4.77	332.74	
		25	125	740.0	29	2.2	-.08	+7.4	748.8	76.02	4355.59	260.03	261.34	-4.75	332.61	
GRAVITY BASE #4			132	740.0	31	+2.4	-.8	+7.4	749.0	76.04						
			9:00													
	#4		0	740.3	31	+2.4	0	+6.3	749.0							
		24+00 N	3	744.4	30	2.3	0	+6.3	753.0	76.44	4345.59	259.43	260.74	-4.73	332.45	
		23	6	761.8	32	2.5	0	+6.3	760.6	77.22	4329.73	258.48	259.78	-4.72	332.28	
(.00133333)		22	9	755.6	25	1.9	0	+6.3	763.8	77.54	4321.10	257.97	259.27	-4.70	332.11	
		21	12	761.9	29	2.2	0	+6.3	770.4	78.21	4307.00	~~258.41~~ 257.13	258.42	~~-4.68~~	~~331.85~~	* 331.95
		20	15	767.8	26	2.0	0	+6.3	776.1	78.79	4297.24	256.55	257.83	-4.67	331.95	+
Shaky (Swamp)		19	18	769.2	27	2.1	0	+6.3	777.6	78.94	4291.17	256.18	257.47	-4.66	331.76	
		18	22	770.0	28	2.2	0	+6.3	778.5	79.03	~~4288.94~~ 4287.11	256.05	~~257.34~~ 257.23	-4.62	~~331.74~~	331.63
L-44 W		17+00 N	26 Swamp					+6.3								

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # | Date July 31 | Operator L.P. | 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.	Latitude	Latitude Corr.	Bouguer Gravity	
L-44+00W		16+00N	27	761.5	30	2.3	0	+6.3	770.1	78.18	4294.73	256.40	257.68	-4.60	331.26	
		15+00N	30	744.5	31	2.4	0	+6.3	753.2	76.46	4319.83	257.89	259.19	-4.58	331.07	
		14	33	730.6	31	2.4	0	+6.3	739.3	75.05	4341.36	259.18	260.48	-4.57	330.96	
		13	36	721.6	31	2.4	0	+6.3	730.3	74.14	4353.39	259.90	261.20	-4.55	330.79	
(-.0013333)		12	39	722.5	36	2.8	-0.1	+6.3	731.5	74.26	4348.98	259.63	260.94	-4.53	330.67	
		11	42	722.5	33	2.6	-0.1	+6.3	731.3	74.24	4347.53	259.55	260.85	-4.52	330.57	
		10	45	722.2	35	2.7	-0.1	+6.3	731.1	74.22	4345.17	259.41	260.71	-4.50	330.43	
		9	48	721.8	29	2.2	-0.1	+6.3	730.2	74.13	4344.28	259.35	260.66	-4.48	330.31	
		8	51	721.9	32	2.5	-0.1	+6.3	730.6	74.17	4342.92	259.27	260.58	-4.46	330.29	
		7	54	717.2	30	2.3	-0.1	+6.3	725.7	73.67	4348.56	259.61	260.91	-4.45	330.13	check.
L-44W		6	57	715.0	33	2.6	-0.1	+6.3	723.8	73.48	4350.53	259.73	261.03	-4.43	330.08	
		5	66	709.7	31	2.4	-0.1	+6.3	718.3	72.92	4356.63	260.09	261.40	-4.41	329.91	
		4	63	711.6	35	2.7	-0.1	+6.3	720.5	73.15	4351.96	259.81	261.12	-4.40	329.87	
		3	66	711.8	34	2.6	-0.1	+6.3	720.6	73.16	4349.66	259.67	260.98	-4.38	329.76	
		2	69	711.8	33	2.6	-0.1	+6.3	720.6	73.16	4347.54	259.55	260.85	-4.36	329.65	
		1+00N	72	714.6	30	2.3	-0.1	+6.3	723.1	73.41	4341.70	259.20	260.50	-4.35	329.56	
		B.L.	75	712.2	37	2.9	-0.1	+6.3	721.3	73.23	4343.75	259.32	260.63	-4.33	329.53	
		1+00S	78	709.8	33	2.6	-0.1	+6.3	718.6	72.95	4346.69	259.50	260.80	-4.31	329.44	
		2	81	706.5	33	2.6	-0.1	+6.3	715.3	72.62	4351.76	259.80	261.11	-4.30	329.43	
		3	84	704.7	32	2.5	-0.1	+6.3	713.4	72.42	4353.37	259.90	261.20	-4.28	329.34	
		4	87	718.8	36	2.8	-0.1	+6.3	727.8	73.89	4330.70	258.54	259.84	-4.26	329.47	
		5	90	732.0	28	2.2	-0.1	+6.3	740.4	75.17	4312.79	257.47	258.77	-4.25	329.69	
		6	94	719.3	33	2.6	-0.1	+6.3	728.1	73.92	4335.26	258.82	260.12	-4.23	329.81	
L-44W		7	98	701.0	32	2.5	-0.1	+6.3	709.7	72.05	4366.03	260.65	261.96	-4.21	329.80	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # ~~Date~~ July 31 Operator L.P. 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.	Latitude .06	Latitude Corr.	Bouguer Gravity	
L-44 W		8+00 S	101	680.3	32	2.5	-0.1	+6.3	694.0	70.45	4389.42	262.05	263.37	-4.20	329.62	
		9+00 S	104	678.8	33	2.6	-0.1	+6.3	687.6	69.81	4398.77	262.61	263.93	-4.18	329.56	
L-44 W		10+00 S	107	676.5	36	2.8	-0.1	+6.3	685.5	69.59	~~4402.38~~	~~250.58~~ 264.14	252.14	-4.16	~~317.57~~ 329.57	
L-36 W		10+00 S	118	672.4	39	3.0	-0.2	+6.3	681.5	69.19	4410.16	263.29	264.61	-4.17	329.50	*
		9	121	675.3	39	3.0	-0.2	+6.3	684.4	69.48	4401.82	262.79	264.11	-4.09	329.50	
(.00133333)		8	124	680.6	36	2.8	-0.2	+6.3	689.5	70.00	4394.34	262.34	263.66	-4.11	329.55	
		7	127	682.1	36	2.8	-0.2	+6.3	691.0	70.15	4392.52	262.23	263.55	-4.12	329.58	
		6	130	684.1	35	2.7	-0.2	+6.3	692.9	70.34	4390.91	262.14	263.45	-4.14	329.65	
		5	133	686.7	34	2.6	-0.2	+6.3	695.4	70.60	4386.55	261.88	263.19	-4.16	329.63	
		4	136	695.2	39	3.0	-0.2	+6.3	704.3	71.50	4374.37	261.15	262.46	-4.17	329.79	
		3	139	698.0	36	2.8	-0.2	+6.3	706.9	71.76	~~4371.19~~	260.96	262.27	-4.19	329.84	
swamp		2	No rdg											-4.21		
L-36 W		1+00 S	141	698.1	39	3.0	-0.2	+6.3	707.2	71.79	4371.94	261.00	262.32	-4.22	329.89	
		B.L.	144	699.3	37	2.9	-0.2	+6.3	708.3	71.91	4371.46	260.98	262.29	-4.24	329.96	
GRAVITY BASE #17			150	699.3	38	+3.0	-.2	+6.3	708.4	71.92						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 31, 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.	ρ = Elev. Corr.	Latitude .06	Latitude Corr.	ρ = Bouguer Gravity	
	B.S. #17		0	699.7	37	2.9	+58	0	708.4							
L-36W		1-N	4	700.4	38	2.9		0	709.1	71.99	4370.64	260.93	262.24	-4.26	329.97	
		2-N	8	709.4	36	2.8			718.0	72.89	4358.74	260.22	261.52	-4.27	330.14	
		3-N	12	718.9	35	2.7			727.4	73.85	4346.73	259.50	260.80	-4.29	330.36	check
		4-N	15	726.9	36	2.8			735.5	74.67	4335.49	258.83	260.13	-4.31	330.49	
		5-N	19	728.6	38	2.9			737.3	74.85	4334.85	258.79	260.09	-4.32	330.62	
		6-N	23	729.9	38	2.9			738.6	74.98	4333.75	258.72	260.03	-4.34	330.67	
		7-N	27	732.5	38	2.9			741.2	75.25	4329.63	258.48	259.78	-4.36	330.67	
		8-N	30	736.0	37	2.9			744.7	75.60	4325.16	258.21	259.51	-4.37	330.74	
		9-N	34	742.0	36	2.8			750.6	76.20	4315.10	257.61	258.91	-4.39	330.72	
		10-N	38	748.6	36	2.8			757.2	76.87	4304.52	256.98	258.27	-4.41	330.73	
L-36W		11-N	41	757.8	34	2.6			766.2	77.78	4289.62	256.09	257.38	-4.43	330.73	
		12-N	45	763.2	32	2.5			771.5	78.32	4282.10	255.66	256.94	-4.44	330.82	
		13-N	49	764.2	38	2.9			772.9	78.46	4279.36	255.48	256.76	-4.46	330.76	+ checked
Shaky Swamp		14-N	53	769.0	32	2.5			777.3	78.91	4279.08	255.46	256.74	-4.41	331.17	
		15-N	57	763.5	36	2.8			772.1	78.38	4290.48	256.14	257.43	-4.49	331.32	
		16-N	60	750.5	35	2.7			759.0	77.05	4314.49	257.58	258.87	-4.51	331.41	
		17-N	64	734.0	33	2.6			742.4	75.37	4346.79	259.50	260.81	-4.53	331.65	
		18-N	68	729.0	38	2.9			737.7	74.89	4358.26	260.19	261.50	-4.54	331.85	
		19-N	72	727.0	39	2.9			735.7	74.69	4364.82	260.58	261.89	-4.52	332.02	
NO NAIL		20-N	76	724.4	36	2.8			733.0	74.41	4371.43	260.97	262.29	-4.58	332.12	
		21-N	80	723.5	40	3.1			732.4	74.35	4374.99	261.19	262.50	-4.59	332.26	
		22-N	84	724.8	38	2.9			733.5	74.46	4376.00	261.25	262.56	-4.4	332.41	
		23-N	88	724.0	40	3.1			732.9	74.40	4378.61	261.40	262.72	-4.53	332.49	
L-36W		24-N	92	725.3	40	3.1	+5.8		734.2	74.54	4378.73	261.41	262.72	-4.64	332.62	
	B.S. #4		102	740.8	31	2.4	+58	0	749.0	76.04						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 31, 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.	ρ = Elev. Corr.	.06 Latitude	Latitude Corr.	ρ = Bouguer Gravity	
	BS#4		0	740.5	31	2.4	+6.1	0	749.0							
L-36W		25-N	12	727.6	36	2.8		0	736.5	74.77	4377.85	261.36	262.67	4.66	332.78	
		26-N	16	729.9	36	2.8		0	738.8	75.00	4375.93	261.24	262.36	4.68	332.88	
		27-N	19	731.4	36	2.8		0	740.3	75.16	4381.10 4375.87	261.24	262.87	4.69	333.02	338.34
		28-N	23	729.0	39	3.0		0	738.1	74.93	4380.03		262.80	4.71	333.02	
		29-N	27	727.8	39	3.0		0	736.9	74.81	4383.74		263.02	4.73	333.10	
		30-N	31	728.3	37	2.9		0	737.3	74.81	4386.66		263.20	4.74	333.31	
		31-N	35	723.8	38	2.9		0	732.8	74.39	4394.55		263.67	4.76	333.30	
		32-N	39	722.0	37	2.9		-0.1	730.9	74.20	4399.26		263.96	4.78	333.38	
		33-N	43	718.1	38	2.9		-0.1	727.0	73.81	4407.91		264.47	4.80	333.48	333.76
(0.00125)		34-N	47	715.2	36	2.8		-0.1	724.0	73.50	4415.68		264.94	4.81	333.63	
		35-N	51	710.0	35	2.7		-0.1	718.7	72.96	4428.27		265.78	4.83	333.83	
L-36W		36-N	55	705.4	40	3.1		-0.1	714.5	72.51	4437.86		266.27	4.85	333.96	
		37-N	59	700.5	34	2.6		-0.1	709.1	71.99	4449.03		266.94	4.86	334.07	
		38-N	63	695.3	33	2.6		-0.1	703.9	71.46	4459.15		267.55	4.88	334.13	
		39-N	67	687.6	38	2.9		-0.1	696.5	70.71	4475.81		268.55	4.90	334.36	
		40-N	71	680.4	36	2.8		-0.1	689.2	69.97	4489.66		269.38	4.91	334.44	
		41-N	75	669.6	38	2.9		-0.1	678.5	68.88	4509.83		270.59	4.93	334.54	
		42-N	79	654.5	36	2.8		-0.1	662.3	67.34	4538.53		272.31	4.95	334.70	
		43-N	83	646.5	39	3.0		-0.1	655.5	66.55	4554.26		273.26	4.96	334.85	
		44-N	87	643.2	36	2.8		-0.1	652.0	66.19	4563.06		273.78	4.98	334.99	
		45-N	92	640.7	36	2.8		-0.1	649.5	65.94	4570.08		274.20	5.00	335.14	
		46-N	96	638.4	38	2.9		-0.1	647.3	65.71	4577.14		274.63	5.01	335.33	
		47-N	100	638.7	39	2.9		-0.1	647.6	65.74	4580.01		274.80	5.03	335.51	
L-36W		48-N	104	641.6	40	3.1		-0.1	650.7	66.06	4578.01		274.68	5.02	335.69	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 31, 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.	ρ = Elev. Corr. .0897	ρ=0 Latitude .0.062	Latitude Corr.	ρ = Bouguer Gravity .06	
L-36 W		49-N	108	649.3	37	2.9		-0.1	658.2	66.82	1568.74		271.14	-5.06	335.88	
		50-N	112	657.4	42	3.3		-0.1	666.7	67.68	1557.20		273.13	-5.08	336.03	
		51-N	116	661.0	38	2.9		-0.2	669.8	68.00	1552.99		273.18	-5.10	336.08	
		52-N	119	662.2	38	2.9		-0.2	671.0	68.12	1554.09		273.23	-5.11	336.26	
		53-N	123	656.8	38	2.9		-0.2	665.6	67.57	1564.73		273.88	-5.13	336.32	
		54-N	127	648.0	37	2.9		-0.2	656.8	66.68	1582.14		274.93	-5.15	336.46	
		55-N	131	634.8	39	3.0		-0.2	643.7	65.35	1604.53		276.27	-5.17	336.45	
		56-N	136	614.8	33	2.6		-0.2	623.3	63.28	1637.81		278.27	-5.18	336.37	*
		57-N	142	587.1	36	2.8		-0.2	595.8	60.49	1686.71		281.20	-5.20	336.49	
		58-N	147	567.7	36	2.8		-0.2	576.4	58.52	1720.99		283.26	-5.21	336.56	
		59-N	152	544.9	38	2.9		-0.2	553.7	56.21	1759.78		285.39	-5.23	336.57	
L-36 W		60-N	156	529.0	37	2.9		-0.2	537.8	54.60	1787.26		287.24	-5.25	336.59	
	B.S.#9		160	528.2	36	2.8	+6.1	-0.2	536.9	54.51						

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 2, 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.	ρ = Elev. Corr.	Latitude .06	Latitude Corr.	ρ = Bouguer Gravity	.06
	BS #8		0	582.1	30	2.3	+9.0	0	593.4							
L-12W		60-N	12	639.2	40	+3.1		0	651.3	66.12	4589.95	274.02	275.40	-4.98	339.87	336.54
		59-N	15	637.9	40	+3.1		-.1	650.0	65.99	4588.53	273.94	275.31	-4.96	339.67	336.34
		58-N	19	650.5	40	+3.1		-.1	662.5	67.26	4565.73	272.57	273.94	-4.95	339.59	336.25
		57-N	33	658.4	40	+3.1	+9.0	-.1	670.4	68.06	4550.18	271.65	273.01	-4.93	339.49	336.14
		56-N	37	666.8	39	+3.0		-.2	678.6	68.89	4532.86	270.61	271.97	-4.91	339.30	335.95
		55-N	40	672.6	36	+2.8		-.2	684.2	69.46	4521.29	269.92	271.28	-4.90	339.19	335.84
		54-N	43	673.8	38	+2.9		-.2	685.5	69.59	4514.87	269.54	270.89	-4.88	338.96	335.60
NO NAIL		53-N	47	677.7	39	+3.0		-.2	689.5	70.00	4505.14	268.96	270.31	-4.86	338.81	335.45
		52-N	51	683.8	33	+2.6		-.2	695.2	70.58	4493.73	268.28	269.67	-4.84	338.72	335.36
L-12+00 W		51-N	54	686.2	38	+2.9	+9.0	-.2	697.9	70.85	4486.97	267.87	269.23	-4.83	338.60	335.24
		50-N	58	690.4	38	+2.9		-.3	702.0	71.27	4477.84	267.33	268.67	-4.81	338.50	335.13
		49-N	62	692.8	34	+2.6		-.3	704.1	71.48	4471.46	266.95	268.29	-4.79	338.34	334.98
NO NAIL		48-N	65	695.9	38	2.9		-.3	707.5	71.83	4463.00	266.44	267.78	-4.77	338.20	334.83
		47-N	69	697.8	37	2.9		-.3	709.4	72.02	4457.67	266.12	267.46	-4.76	338.09	334.72
		46-N	73	700.5	35	2.7		-.3	711.9	72.27	4449.25	265.62	266.96	-4.74	337.86	334.49
(0.00 W 5161)		45-N	77	700.5	37	2.9		-.3	712.1	72.29	4444.98	265.37	266.70	-4.73	337.64	334.26
		44-N	80	702.2	41	3.2	+9.0	-.3	714.1	72.50	4438.00	264.95	266.28	-4.71	337.44	334.07
		43 W	84	712.8	36	2.8		-.4	724.2	73.52	4420.16	263.88	265.21	-4.69	337.40	333.94
		42-N	88	719.4	36	2.8		-.4	730.8	74.19	4407.54	263.13	264.45	-4.68	337.33	333.96
		41-N	92	727.0	37	2.9		-.4	738.5	74.97	4393.32	262.28	263.60	-4.66	337.27	333.91
		40-N	96	732.0	39	3.0		-.4	743.6	75.49	4381.88	261.60	262.91	-4.64	337.12	333.76
		39-N	100	736.4	36	2.8		-.4	747.8	75.92	4374.18	261.14	262.45	-4.63	337.11	333.74
		38-N	104	736.4	36	2.8		-.5	747.7	75.91	4369.24	260.84	262.15	-4.61	336.82	333.55
L-12+00 W		37-N	108	739.7	36	2.8	+9.0	-.5	751.0	76.24	4363.08	260.48	261.78	-4.53	336.81	333.43

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PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 2, 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.	ρ = Elev. Corr.	Latitude .06	Latitude Corr.	ρ = Bouguer Gravity	.06
L-12+00 W		36-N	111	742.5	37	2.9	+9.0	-.5	753.9	76.54	4355.05	260.00	261.30	-4.58	336.64	333.26
		35-N	115	747.4	37	2.9		-.5	758.8	77.03	4345.67	259.411	260.74	-4.52	336.59	333.21
		34-N	118	751.0	38	2.9		-.5	762.4	77.40	4336.68	258.90	260.20	-4.54	336.44	333.06
		33-N	121	757.0	36	2.8		-.5	768.3	78.00	4325.23	258.22	259.51	-4.53	336.37	332.98
		32-N	125	762.6	33	2.6		-.6	773.6	78.54	4314.62	257.58	258.88	-4.51	336.29	332.91
L-12+00 W		31-N	128	765.0	36	2.8	+9.0	-.6	776.2	78.80	4308.20	257.20	258.49	-4.49	336.19	332.80
		30-N	132	766.7	39	3.0		-.6	778.1	78.99	4303.29	256.91	258.20	-4.47	336.10	332.72
(.00+5=164)		29-N	135	767.5	39	3.0		-.6	778.9	79.07	4300.36	256.73	258.02	-4.46	336.02	332.63
		28-N	138	769.9	33	2.6		-.6	780.9	79.28	4294.27	256.37	257.66	-4.44	335.89	332.50
		27-N	142	770.0	39	3.0		-.6	781.4	79.33	4292.65	256.24	257.52	-4.42	335.83	332.43
		26-N	146	767.4	36	2.8		-.7	778.5	79.03	4292.77	256.28	257.57	-4.4	335.58	332.19
		25-N	150	774.2	35	2.7		-.7	785.2	79.71	4281.39	255.60	256.88	-4.39	335.10	332.20
L-12+00 W	B.S.#6		155	771.7	36	2.8	+9.0	-0.7	782.8							
	B.S.#6		0	772.2	36	2.8	+7.8	0	782.8							
shaky swamp		24-N	4	776.0	31	2.4		0	786.2	79.82	4278.24	255.41	256.69	-4.37	335.53	332.14
		23-N	8	774.0	35	2.7		0	784.5	79.64	4279.40	255.48	256.76	-4.36	335.43	332.04
	-	22-N	12	771.6	38	2.9		0	782.3	79.42	4280.92	255.57	256.86	-4.34	335.31	331.94 check
swamp shaky	-	21-N	16	776.0	34	2.6	+7.8	0	786.4	79.84	4274.84	255.21	256.49	-4.32	335.39	332.01
		20-N	19	773.3	35	2.7		0	783.8	79.57	4277.30	255.35	256.64	-4.31	335.28	331.90
(0.0011 9867)		19-N	33	771.7	36	2.8		-.1	782.2	79.41	4278.32	255.42	256.70	-4.29	335.21	331.82
		18-N	37	763.4	40	3.1		-.1	774.2	78.60	4289.29	256.07	257.36	-4.27	335.01	331.69
		17-N	41	757.5	39	3.0		-.1	768.2	77.99	4297.26	256.55	257.84	-4.26	334.95	331.57
		16-N	45	757.4	39	3.0		-.1	768.1	77.98	4296.56	256.50	257.79	-4.24	334.91	331.53
L-12+00 W		15-N	49	755.6	37	2.9	+7.8	-.1	766.2	77.78	4298.86	256.64	257.93	-4.22	334.86	331.49

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE AUG 2.76 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.	ρ = Elev. Corr.	Lati-tude .06	Latitude Corr.	ρ = Bouguer Gravity	.06
L-12+00 W		14-N	52	757.0	36	+2.8	+7.8	-.1	767.5	77.92	4297.21	256.54	257.83	-4.21	334.20	331.54
		13-N	56	770.5	36	+2.8		-.1	781.0	79.29	4278.49	255.43	256.71	-4.19	335.20	331.81
		12-N	60	770.4	35	+2.7		-.1	780.8	79.27	4278.35	255.42	256.70	-4.17	335.18	331.80
		11-N	64	769.6	30	+2.3		-.1	779.6	79.14	4278.63	255.43	256.72	-4.16	335.08	331.70
		10-N	67	763.5	36	+2.8		-.1	774.0	78.58	4284.77	255.80	257.09	-4.14	334.91	331.53
		9-N	69	756.6	38	+2.9	+7.8	-.1	767.2	77.89	4292.39	256.26	257.54	-4.12	334.70	331.31
		8-N	73	755.0	38	+2.9		-.1	765.6	77.72	4293.40	256.32	257.60	-4.10	334.60	331.22
(.00 19 67)		7-N	77	761.5	36	+2.8		-.2	771.9	78.36	4283.53	255.73	257.01	-4.09	334.67	331.28
		6-N	80	755.6	38	+2.9		-.2	766.1	77.77	4296.16	256.12	257.41	-4.07	334.49	331.11
		5-N	84	752.0	37	+2.9		-.2	762.5	77.41	4294.46	256.38	257.67	-4.05	334.40	331.03
		4-N	87	751.6	38	2.9		-.2	762.1	77.37	4294.51	256.38	257.67	-4.04	334.38	331.00
L-12+00 W		3-N	91	746.5	38	2.9	+7.8	-.2	757.0	76.85	4301.64	256.81	258.10	-4.02	334.31	330.93
		2-N	95	740.0	39	3.0		-.2	750.6	76.20	4308.98	257.25	258.54	-4.00	334.12	330.74
		1-N	99	734.0	40	3.1		-.2	744.7	75.60	4317.13	257.73	259.03	-3.99	334.01	330.64
		BL-0	103	727.1	41	3.2		-.2	737.9	74.91	4326.56	258.30	259.59	-3.97	333.90	330.53
		1-S	107	717.2	38	2.9		-.2	727.7	73.88	4339.04	259.04	260.34	-3.95	333.62	330.27
		2-S	110	710.6	35	2.7		-.2	720.9	73.19	4347.24	259.53	260.83	-3.94	333.44	330.08
		3-S	114	701.3	39	3.0	+7.8	-.2	711.9	72.27	4359.42	260.26	261.57	-3.92	333.26	329.92
		4-S	118	692.8	35	2.7		-.2	703.1	71.38	4370.80	260.92	262.25	-3.90	333.04	329.73
		5-S	122	678.4	31	2.4		-.2	688.4	69.89	4391.20	262.15	263.47	-3.89	332.82	329.47
		6-S	126	663.6	37	2.9		-.2	674.1	68.43	4412.37	263.42	264.74	-3.87	332.63	329.30
		7-S	130	648.8	38	2.9		-.3	659.2	66.92	4434.27	264.73	266.06	-3.85	332.45	329.13
		8-S	134	633.5	35	2.7		-.3	643.7	65.35	4456.35	266.04	267.38	-3.84	332.21	328.89
		9-S	138	617.9	35	2.7		-.3	628.1	63.76	4478.98	267.40	268.74	-3.82	332.00	328.68
L-12+00 W		10-S	142	598.9	39	3.0		-.3	609.4	61.87	4507.57	269.10	270.48	-3.80	331.82	328.52
B.S.#16			151	733.9	32	2.5	+7.8	-0.3	743.9							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug. 1, 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.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S. #16		0	733.4	33	2.6	+7.9	0	743.9							
L-20W		BL-0	2	733.0	37	2.9		0	743.8	75.51	4322.65	258.06	259.34	-4.06	330.81	
		1-S	5	726.7	40	3.1		0	737.7	74.89	4331.03	258.56	259.86	-4.04	330.71	
		2-S	9	719.5	32	2.5		0	729.9	74.10	4340.98	259.16	260.43	-4.03	330.50	
		3-S	13	712.0	38	2.9		0	722.8	73.38	4349.18	259.65	260.95	-4.01	330.32	
		4-S	17	704.7	38	2.9		0	715.5	72.64	4358.58	260.21	261.51	-3.99	330.16	
(0.00208833)		5-S	21	697.3	38	2.9		0	708.1	71.89	4369.22	260.84	262.15	-3.98	330.06	
		6-S	25	688.6	38	2.9		-.1	699.3	70.99	4380.04	261.49	262.80	-3.96	329.83	
		7-S	28	677.1	38	2.9		-.1	687.8	69.83	4395.81	262.43	263.75	-3.94	329.64	
		8-S	32	665.1	30	2.3		-.1	675.2	68.55	44114.32	263.53	264.86	-3.93	329.48	
		9-S	36	651.9	37	2.9		-.1	662.6	67.27	4431.11	264.54	265.87	-3.91	329.23	
		10-S	40	642.7	35	2.7		-.1	653.2	66.31	4444.61	265.34	266.68	-3.89	329.10	
	BS #16		48	733.5	34	2.6	+7.9	-.1	743.9							
	BS #16		0	733.5	34	2.6	+7.8	0	743.9							
L-20W		1-N	4	737.4	40	3.1		0	748.3	75.97	4316.68	257.71	259.00	-4.08	330.89	
		2-N	8	742.3	38	2.9		0	753.0	76.44	4310.43	253.33	258.63	-4.02	330.98	
		3-N	12	746.2	37	2.9		0	756.9	76.84	4305.16	257.02	258.31	-4.11	331.04	
		4-N	16	749.7	32	2.5		0	760.0	77.16	4301.87	256.82	258.11	-4.13	331.14	
		5-N	19	750.0	38	2.9		+0.1	760.8	77.24	4301.47	256.80	258.09	-4.14	331.19	
(0.00207272)		6-N	23	745.2	37	2.9		+0.1	756.0	76.75	4309.44	257.27	258.57	-4.16	331.16	* checked
		7-N	27	743.8	37	2.9		+0.1	764.6	77.62	4298.99	256.65	257.94	-4.18	331.38	
		8-N	31	757.1	32	2.5		+0.1	767.5	77.92	4297.57	256.56	257.85	-4.19	331.58	
		9-N	35	757.2	37	2.9		+0.1	768.0	77.97	4299.56	256.68	257.97	-4.21	331.73	
		10-N	39	750.9	41	3.2	-7.8	+0.1	762.0	77.36	4310.83	257.36	258.65	-4.23	331.78	

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE Aug 1, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-20W		11-N	42	747.2	42	3.3	+7.8	+0.1	758.4	76.99	4317.82	257.77	259.07	-4.25	331.81	
		12-N	46	746.9	38	2.9		+0.1	757.7	76.92	4319.59	257.88	259.18	-4.26	331.84	
		13-N	50	759.2	33	2.6		+0.1	769.7	78.14	4299.12	256.66	257.95	-4.28	331.81	Check
		14-N	54	769.0	36	2.8		+0.2	779.8	79.17	4283.14	255.70	256.99	-4.30	331.86	this
1459 gw →		15-N	57	773.2	35	2.7		+0.2	783.9	79.58	4277.12	255.34	256.63	-4.31	331.90	
Pz 16 missing →		17-N	72	769.3	37	2.9		+0.2	780.2	79.21	4281.09	255.87		-4.33	331.75 ←	Problem re location
→		18-N	76	771.7	37	2.9		+0.2	782.6	79.45	4276.43	25[illegible]	256.37	-4.35	331.69	
MISSING 19-N →		19-N	80	770.7	38	2.9		+0.2	781.6	79.35	4282.10	255.30	256.93	-4.36	331.92	x
Mark 20-N		20-N	84	768.7	42	3.3		+0.2	780.0	79.19	4286.11	255.88	257.17	-4.38	331.98	
		21-N	87	760.0	39	3.0		+0.2	771.0	78.27	4301.36	256.79	258.08	-4.40	331.95	
		22-N	90	750.8	39	3.0		+0.3	761.9	77.35	4318.56	257.82	259.11	-4.41	332.05	
		23-N	94	747.7	38	2.9		+0.3	758.7	77.02	4326.71	258.30	259.60	-4.43	332.19	
Should be		24-N	97	742.8	43	3.3		+0.3	754.2	76.57	4336.37	258.88	260.18	-4.45	332.30	
24N *INTER		25-N	100	738.7	36	2.8		+0.3	749.6	76.10	4346.51	259.49	260.79	-4.46	332.43	
	BS#5		110	721.9	32	2.5	+7.8	+0.3	732.5							
	B.S.#5		0	721.9	32	2.5	+8.1	0	732.5	74.36						
L-20W		26-N	12	734.0	38	2.9		0	745.0	75.63	4355.83	260.04	261.35	-4.48	332.50	
		27-N	16	731.6	38	2.9		0	742.6	75.39	4361.62	260.39	261.70	-4.50	332.59	
(0.0013333)		28-N	19	730.3	39	3.0		0	741.4	75.27	4365.15	260.60	261.91	-4.51	332.67	
		29-N	23	731.1	37	2.9		0	742.1	75.34	4365.97	260.65	261.96	-4.53	332.77	
		30-N	27	726.2	45	3.5		0	737.8	74.90	4374.78	261.17	262.49	-4.55	332.84	
		31-N	31	726.5	38	2.9		0	737.5	74.87	4377.18	261.32	262.63	-4.57	332.94	
		32-N	35	728.3	40	3.1		-0.1	739.4	75.06	4378.16	261.38	262.69	-4.58	333.17	
		33-N	39	729.1	36	2.8		-0.1	739.9	75.11	4378.69	261.41	262.72	-4.60	333.23	

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE AUG 1, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-20W		34-N	43	729.0	39	3.0	+8.1	-0.1	740.0	75.12	4379.65	261.47	262.78	-4.62	336.62	333.28
		35-N	47	727.5	38	2.9		-0.1	738.4	74.96	4383.48	261.69	263.01	-4.63	336.67	333.34
		36-N	50	727.5	39	3.0		-0.1	738.5	74.97	4385.06	261.79	263.10	-4.65	336.76	333.42
		37-N	54	723.3	38	2.9		-0.1	734.2	74.54	4395.29	262.40	263.72	-4.67	336.92	333.59
		38-N	58	716.1	39	3.0		-0.1	727.1	73.82	4410.00	263.28	264.60	-4.68	337.07	333.74
		39-N	62	707.8	36	2.8	+8.1	-0.1	718.6	72.95	4427.21	265.50	266.63	-4.7	338.40	333.88
		40-N	66	701.1	36	2.8		-0.1	711.9	72.27	4441.56	265.16	266.49	-4.72	337.36	334.04
L-20 W		41-N	70	696.8	39	3.0		-0.1	707.8	71.86	4449.93	265.66	267.00	-4.73	337.43	334.13
		42-N	74	695.5	37	2.9		-0.1	706.4	71.77	4454.50	265.93	267.27	-4.75	337.60	334.29
		43-N	78	694.6	38	2.9	+8.1	-0.1	705.5	71.62	4458.52	266.17	267.51	-4.77	337.67	334.36
(.001 3 3 3 3)		44-N	82	693.4	39	3.0		-0.1	704.4	71.51	4463.79	266.49	267.83	-4.78	337.86	334.56
		45-N	85	691.8	36	2.8		-0.1	702.6	71.33	4469.10	266.81	268.15	-4.80	337.99	334.68
		46-N	89	688.9	36	2.8		-0.1	699.7	71.03	4476.47	267.25	268.59	-4.82	338.11	334.80
		47-N	93	685.7	38	2.8		-0.1	696.5	70.71	4484.23	267.71	269.05	-4.83	338.23	334.93
L-20 W		48-N	97	680.6	40	3.1	+8.1	-0.1	691.7	70.22	4495.51	268.38	269.73	-4.85	338.40	335.10
		49-N	100	676.0	37	2.9		-0.1	686.9	69.73	4507.06	269.07	270.42	-4.87		335.28
		50-N	104	671.1	39	3.0		-0.1	682.1	69.25	4518.05	269.73	271.08	-4.88		335.45
		51-N	108	668.0	32	2.5		-0.1	678.5	68.88	4527.37	270.28	271.64	-4.90		335.62
		52-N	112	665.1	34	2.6	+8.1	-0.2	675.6	68.59	4536.28	270.82	272.18	-4.92		335.85
		53-N	116	660.2	36	2.8		-0.2	670.9	68.11	4547.21	271.47	272.83	-4.93		336.01
		54-N	120	653.9	39	3.0		-0.2	664.8	67.49	4560.14	272.24	273.61	-4.95		336.15
		55-N	124	649.7	39	3.0		-0.2	660.6	67.06	4570.11	272.84	274.21	-4.97		336.30
		56-N	128	642.0	35	2.7		-0.2	652.6	66.25	4585.14	273.73	275.11	-4.99		336.37
		57-N	132	632.2	36	2.8		-0.2	642.9	65.27	4603.67	274.84	276.22	-5.01		336.49
L-20+00 W		58-N	136	621.2	36	2.8	+8.1	-0.2	631.9	64.15	4622.29	275.95	277.34	-5.02		336.47

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PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job #   Date Aug 1, 76   Operator CHAN   Instrument   Instr. Constant .10152   Latitude   Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Base Corr. Reading	Drift Corr. Reading	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity (.66 ✓)
L-20W		59-N	140	606.6	36	2.8	-0.2		617.3	62.67	4647.34	277.45	278.84	-5.04	336.47
		60-N	144	583.7	31	2.4	-0.2		594.0	60.30	4686.14	279.76	281.17	-5.05	336.42
	BS#8		150	583.2	30	2.3	-0.2	+8.1	593.4	[illegible]					

Page 1

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # | Date August | Operator | Instrument | Instr. Constant 10152 | Latitude | Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity	
GRAVITY BASE #9		0		524.2	35	+2.7	0	+10.0	536.9	54.51						
L-28W		60W	18	511.6	31	+2.4	-0.1	+10.0	524.2	53.22	4799.55	268.62	289.97	-5.16	336.03	*
		59	22	545.2	33	+2.6	-0.1	+10.0	557.7	56.62	4747.51	265.52	284.85	-5.14	336.33	
		58	25	565.3	33	+2.6	-0.1	+10.0	577.8	58.66	4712.43	281.33	282.74	-5.13	336.27	
		57	28	588.0	30	+2.3	-0.1	+10.0	600.2	60.93	4674.21	279.05	280.46	-5.11	336.27	
		56	31	609.8	37	+2.9	-0.1	+10.0	622.6	63.21	4636.03	276.77	278.16	-5.09	336.28	
		55	35	624.9	33	+2.6	-0.2	+10.0	637.3	64.70	4609.67	275.20	276.58	-5.08	336.20	
(0.004"/HT)		54	40	639.1	37	+2.9	-0.2	+10.0	651.8	66.17	4584.42	273.69	275.07	-5.06	336.18	
		53	43	644.7	34	+2.6	-0.2	+10.0	657.1	66.71	4573.31	273.03	274.40	-5.04	336.07	
		52	46	649.7	32	+2.6	-0.2	+10.0	662.1	67.22	4564.31	272.49	273.86	-5.02	336.06	
L-28W		51	50	650.9	33	+2.6	-0.2	+10.0	663.3	67.34	4559.70	272.21	273.58	-5.01	335.91	
		50	53	654.5	29	+2.2	-0.2	+10.0	666.5	67.66	4551.08	271.70	273.06	-4.99	335.73	
		49	56	657.8	35	+2.7	-0.3	+10.0	670.2	68.04	4541.73	271.14	272.50	-4.97	335.57	
		48	59	660.8	28	+2.2	-0.3	+10.0	672.7	68.29	4534.68	270.72	272.08	-4.96	335.41	
		47	63	664.5	37	+2.9	-0.3	+10.0	677.1	68.74	4524.19	270.09	271.45	-4.94	335.25	
		46	66	670.0	33	+2.6	-0.3	+10.0	682.3	69.27	4511.59	269.32	270.70	-4.92	335.05	
		45	69	673.5	32	+2.5	-0.3	+10.0	685.7	69.61	4502.83	268.82	270.17	-4.91	334.81	
		44	73	675.8	25	+1.9	-0.3	+10.0	687.4	69.78	4498.08	268.54	269.88	-4.89	334.77	
		43	76	677.1	29	+2.2	-0.3	+10.0	689.0	69.95	4493.17	268.24	269.59	-4.87	334.67	
		42	79	677.0	29	+2.2	-0.4	+10.0	688.8	69.93	4490.78	268.10	269.45	-4.86	334.52	
	-	41	82	675.7	32	+2.5	-0.4	+10.0	687.8	69.83	4488.50	267.96	269.31	-4.84	334.30	check
		40	85	679.3	33	+2.6	-0.4	+10.0	691.5	70.20	4478.46	267.36	268.71	-4.82	334.09	
		39	89	688.8	32	+2.5	-0.4	+10.0	700.9	71.16	4459.64	266.24	267.58	-4.81	333.93	d
L-28W		38	92	697.3	33	+2.6	-0.4	+10.0	709.5	72.03	4442.47	265.22	266.55	-4.79	333.79	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date August, Operator L.P. Instrument Instr. Constant .10152 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity	
L-28+00W		37+00W	95	706.8	34	+2.6	-0.4	+10.0	719.00	72.99	4424.97	264.17	265.50	-4.77	333.72	
		36	98	714.0	32	+2.5	-0.4	+10.0	726.1	73.71	4410.94	263.33	264.66	-4.76	333.61	
		35	102	718.5	38	+2.9	-0.5	+10.0	730.9	74.20	4399.84	262.67	263.99	-4.74	333.45	
		34	105	720.0	34	+2.6	-0.5	+10.0	732.1	74.32	4395.86	262.43	263.75	-4.72	333.35	
		33	108	720.3	34	+2.6	-0.5	+10.0	732.4	74.35	4393.58	262.30	263.61	-4.71	333.25	
		32	112	719.1	35	+2.7	-0.5	+10.0	731.3	74.24	4393.87	262.31	263.63	-4.69	333.18	
		31	115	718.0	34	+2.6	-0.5	+10.0	730.1	74.12	4393.52	262.29	263.61	-4.67	333.06	
		30	118	718.8	32	+2.5	-0.5	+10.0	730.8	74.19	4390.11	262.09	263.41	-4.65	332.95	
		29	122	719.2	32	+2.5	-0.5	+10.0	731.2	74.23	4386.94	261.90	263.22	-4.64	332.81	
		28	125	719.3	36	+2.8	-0.6	+10.0	731.5	74.26	4384.25	261.74	263.06	-4.62	332.70	
		27	128	720.1	31	+2.4	-0.6	+10.0	731.9	74.30	4381.40	261.57	262.88	-4.60	332.58	
		26	131	721.8	35	+2.7	-0.6	+10.0	733.9	74.51	4376.25	261.26	262.58	-4.59	332.50	
L-28+00W		25+00W	134	720.7	35	+2.7	-0.6	+10.0	732.8	74.39	4375.17	261.20	262.51	-4.57	332.33	
GRAVITY BASE	#5		136	720.5	33	+2.6	-.6	+10.0	732.5	74.36						
" "	#5		0	721.0	33	+2.6	0	+8.9	732.5	74.36						
L-28+00W		24+00N	3	721.2	34	+2.6		+8.9	732.7	74.38	4374.01	261.12	262.44	-4.55	332.27	
		23	6	721.1	35	+2.6	0	+8.9	732.6	74.37	4372.70	261.05	262.36	-4.54	332.19	
		22	9	721.0	36	+2.8	0	+8.9	732.7	74.38	4370.14	260.90	262.21	-4.52	332.07	
(0.00703 1/2)		21	12	724.8	37	+2.9	0	+8.9	736.6	74.78	4361.56	260.39	261.69	-4.50	331.97	
		20	16	729.3	35	+2.6	+0.1	+8.9	740.7	75.20	4352.25	259.83	261.14	-4.49	331.85	
		19	19	735.3	37	+2.9	+0.1	+8.9	744.9 (747.0)	75.62 (75.84)	4340.20	259.11	260.41	-4.47	~~331.56~~	*331.78
		18	22	739.5	34	+2.6	+0.2	+8.9	750.8	76.22	4330.90	258.55	259.85	-4.45	331.62	
L-28+00W		17+00N	27	743.8	38	+2.9		+8.9	755.4	76.69	4320.99	257.96	259.26	-4.44	331.51	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date Aug. 1 Operator L.P. Instrument Instr. Constant .10152 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity	
								1								
L-28+00W		16+00W	80	750.2	33	+2.6	-0.2	+8.9	766.5	77.82	4301.90	256.82	258.11	-4.42	331.51	
		15	33	761.8	33	+2.6	-0.2	+8.9	773.1	78.49	4290.82	254.25	257.45	-4.40	331.54	
		14	36	766.0	32	+2.5	-0.3	+8.9	777.1	78.89	4283.83	255.74	257.05	-4.39	331.53	
Shaky		13 SWAMP	42	767.6	31	+2.4	-0.3	+8.9	778.6	79.04	4280.80	255.56	256.85	-4.37	331.52	
6 wk		12 Swamp	No	Rdg.							4278.37	255.42		-4.35		
		11	48	764.3	34	+2.6	-0.3	+8.9	775.5	78.73	4281.38	255.60	256.88	-4.34	331.27	*
		10	51	763.6	36	+2.8	-0.4	+8.9	774.9	78.67	4282.00	255.70	256.98	-4.32	331.33	
L-28+00W		9	58	757.3	36	+2.8	-0.4	+8.9	768.6	78.03	4292.90	256.29	257.57	-4.30	331.30	
		8	56	747.6	33	+2.6	-0.4	+8.9	758.7	77.02	4307.92	257.18	258.48	-4.28	331.22	
		7	59	739.0	36	+2.8	-0.4	+8.9	750.3	76.17	4320.73	257.95	259.24	-4.27	331.14	
		6	62	732.2	34	+2.6	-0.4	+8.9	743.5	75.48	4330.10	258.51	259.81	-4.25	331.04	
		5	67	723.8	34	+2.6	-0.5	+8.9	734.8	74.60	4341.81	259.21	260.51	-4.23	330.88	
		4	71	725.8	35	+2.7	-0.5	+8.9	736.9	74.81	4337.64	258.96	260.26	-4.22	330.85	
		3	74	728.5	33	+2.6	-0.5	+8.9	739.5	75.07	4332.18	258.63	259.93	-4.20	330.80	
		2+05N	77	729.5	36	+2.8	-0.5	+8.9	740.7	75.20	4339.59	258.69	259.78	-4.18	330.80	check
		1+00W	80	725.5	36	+2.8	-0.6	+8.9	736.6	74.78	4334.67	258.78	260.08	-4.17	330.69	
L-28+00W		B.L.	83	720.9	33	+2.6	-0.6	+8.9	731.8	74.29	4340.22	259.11	260.41	-4.15	330.55	
		1+00S	86	715.3	27	+2.9	-0.6	+8.9	726.5	73.75	4346.35	259.48	260.78	-4.13	330.40	
		2+00S	89	713.3	36	+2.8	-0.6	+8.9	724.4	73.54	4347.47	259.54	260.85	-4.12	330.27	
		3	93	709.9	32	+2.5	-0.7	+8.9	720.7	73.17	4351.18	259.77	261.07	-4.10	330.14	
		4	96	703.9	33	+2.6	-0.7	+8.9	714.7	72.56	4359.39	260.26	261.56	-4.08	330.04	
		5	99	694.4	40	+3.1	-0.7	+8.9	705.7	71.64	4373.06	261.07	262.38	-4.07	329.95	
		6	102	687.7	38	+2.9	-0.7	+8.9	698.8	70.94	4382.57	261.64	262.95	-4.05	329.84	
L-28+00W		7	105	682.8	35	+2.7	-0.7	+8.9	693.7	70.42	4388.92	262.02	263.34	-4.03	329.73	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date August Operator L.P. Instrument Instr. Constant .10152 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity	
L-28+00W																
		8+00S	107	677.5	34	+2.6	-0.8	+8.9	688.2	69.87	4396.28	262.46	263.78	-.02	329.63	
		9	111	672.2	29	+2.2	-0.8	+8.9	682.5	69.29	4404.17	262.93	264.25	-1.00	329.54	
L-28+00W		10+00S	115	664.8	34	2.6	-0.8	+8.9	675.5	68.58	4414.55	263.55	264.87	-3.98	329.47	
Gravity Base #16			128	733.2	35	+2.7	-.9	+8.9	743.9							

NOT FOR USE - POOR CLOSURE - ADJUST NEW LINE

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 17, 76 OPERATOR CHOW INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-4W	B.S.#15	BL-0	0	707.3	38											
L-20W	B.S.#16	BL-0	18	742.2	32											
L-4W	B.S.#15		37	707.6	36											
	B.S.#16		52	742.3	32											
	B.S.#16		0	742.3	32											
L-36W	B.S.#17	BL-0	18	706.6	34											
	B.S.#16		31	742.8	27											
	B.S.#17		54	706.8	33											
	~~B.S.#~~		~~0~~													
	B.S.#17		0	706.8	35											
L-52W	B.S.#18	BL-0	21	773.7	36											
	B.S.#17		34	706.6	37											
	B.S.#18		52	773.8	36											
	B.S.#18		0	773.9	36											
L-68W	B.S.#19		20	768.9	39											
	B.S.#18		35	774.2	34											
	B.S.#19		53	769.0	38											

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 16, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-44W	B.S.#4		0	740.9	31											
L-28W	B.S.#5		26	724.3	35											
	B.S.#4		47	741.1	31											
	B.S.#5		66	724.3	35											
	B.S.#5		0	724.4	36											
L-12W	B.S.#6	25-N	18	775.8	30											
	B.S.#5		42	724.6	34											
	B.S.#6		60	775.8	30											
L-12-W	B.S.#6	25-N	0	776.0	30											
BL-0 L-44W	B.S.#15		38	702.4	36											
	B.S.#6		75	776.3	29				O.K.							
	B.S.#15		112	702.6	36											

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 15 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-76W	M.B.S.	25-N	0	483.9	33											
(sensitivity 16.7) L-92W	B.S.#1		19	367.0	31											
	M.B.S.		34	484.0	33											
	B.S.#1		50	366.7	31											
	B.S.#1		0	366.7	31											
L-108W	B.S.#2		16	306.9	32											
	B.S.#1		32	366.85	31											
	B.S.#2		46	306.9	32											
L-92+00 25+00W	B.S.#1		0	366.9	31											
L-76+00 25+00N	M.B.S.		17	484.2	33											
	B.S.#1		36	366.8	31											
	M.B.S.		50	484.3	33											
RESET - 5:30																
	MB.STN		0	677.2	33											
	B.S.#3		18	707.1	30											
	M.B.S.		37	677.2	33											
	B.S.#3		56	707.2	30											
	B.S.#3		0	707.3	30											
	B.S.#4		23	740.7	33											
	B.S.#3		48	707.3	30											
	B.S.#4		72	740.9	33											

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. | DATE | OPERATOR | INSTRUMENT | INSTR. CONSTANT | LATITUDE | CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Base corr. Observed Gravity	Drift Elev.	Corr. Read. ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S.#6		0	784.9	27	2.1				-4.1	0	782.9				
	B.S.#5		17	734.2	34	2.6	-4.3	0	732.5	1	-0.1	732.6			B.S.#6	=782.9
	B.S.#6		31	785.2	26	2.0	1	0	782.9	-4.1	-0.2	782.9				
	B.S.#5		48	734.2	33	2.6	-4.3	0	732.5							
	B.S.#5		0	734.2	33	2.6				-4.3	0	732.5				
	B.S.#4		15	751.0	29	2.2	-4.2	0	749.0	1	+0.05	749.0			B.S.#5	=732.6
	B.S.#5		27	734.1	33	2.6	1	0	732.5	-4.3	+0.1	732.5				
	B.S.#4		41	751.0	29	2.2	-4.2	0	749.0							
	B.S.#4		0	745.4	29	2.2				+1.4	0	749.0				
	B.S.#3		25	711.4	29	2.2	+1.3	0	714.9	1	-0.1	714.9			B.S.#4	=749.0
	B.S.#4		49	745.6	29	2.2	1	-0.15	748.95	+1.4	-0.2	749.0				
	B.S.#3		71	711.7	29	2.2	+1.3	-0.3	714.9							
	B.S.#3		0	711.7	29	2.2				+1.0	0	714.9				
	M.B.S.		18	681.7	33	2.6	+0.7	0	685.0	1	-0.15	685.15			B.S.#3	=714.9
	B.S.#3		37	712.0	29	2.2	1	0	714.9	+1.0	-0.3	714.9				
	M.B.S.		54	681.7	33	2.6	+0.7	0	685.0							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. | DATE | OPERATOR | INSTRUMENT | INSTR. CONSTANT | LATITUDE | CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Base corr. Observed Gravity	Drift Elev.	Corr Read. ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	M.B.S.		0	682.4	33	2.6	0	0	685.0							
	B.S.#1		18	565.3	32	2.5	1	-0.2	567.6	-0.2	0	567.6			M.B.S.	= 685.1
	M.B.S.		32	682.7	33	2.6	0	-0.3	685.0	1	+0.05	685.15				
	B.S.#1		47	565.2	32	2.5				-0.2	+0.1	567.6			B.S.#1	= 567.6
	B.S.#1		0	565.2	32	2.5	-0.1	0	567.6							
	B.S.#2		15	505.7	32	2.5	1	-0.15	508.0	-.20	0	508.0				
	B.S.#1		30	565.5	32	2.5	-0.1	-0.3	567.6	1	0	567.8			B.S.#2	= 508.1
	B.S.#2		46	505.7	32	2.5				-20	0	508.0				

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. | DATE | OPERATOR | INSTRUMENT | INSTR. CONSTANT | 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-76° 25° N	MB. STN		0	483.9	33	+2.6	—	0	486.5		A					
L-92° 25° N	STA. I		19	367.0	31	+2.4		-.06	369.3		B					
	MB. STN		34	484.0	33	+2.6		-.1	486.5		A					
												#1				
L-92° 25° N	STA. I		0	367.0	31	+2.4	-.06	0	369.3		B					
L-76° 25° N	MB. STA		15	484.0	33	+2.6	-.06	+.2	486.7		A					
	STA. I		31	366.7	31	+2.4	-.06	+.3	369.3		B					
L-92° 25° N	STA I		0	366.7	31	+2.4	+.2	0	369.3		A					
L-108° 25° N	STA. 2		16	306.9	32	+2.5	+.2	-.05	309.55		B					
	STA I		32	366.8	31	+2.4	+.2	-.1	369.3		A	#2				
L-108° - 25° N	STA. 2		0	306.9	32	+2.5	-.05	0	309.6		B					
L-92° - 25° N	STA I		16	366.8	31	+2.4	-.05	0	369.2		A					
	STA 2		30	306.9	32	+2.5	-.05	0	309.6		B					
L-92° - 25° N	STA. I		0	366.9	31	+2.4	—	0	369.30		A					
L-76° - 25° N	MB STN		17	484.2	33	+2.6	—	+.05	486.9		B					
	STA. I		36	366.8	31	+2.4	—	+.1	369.3		A	#3				
L-76° - 25° N	MB STN		6	484.2	33	+2.6	-.2	0	486.60		B					
L-92° - 25° N	STA 1		19	366.8	31	+2.4	-.2	-.06	369.14		A					
	MB. STN		33	484.3	33	+2.6	-.2	-.1	486.60		B					

(looping) RESET

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L. P. INSTRUMENT SHARP INSTR. CONSTANT .1015Z LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-76ᵂ-25ᴺ	M.B. Stn		0	677.2	33	+2.6	—	0	679.8		A			M.B. STN		~~670.4~~
L-60ᵂ-25ᴺ	Stn #3		18	707.1	30	+2.3	—	0	709.4		B					679.8
	M.B. Stn		37	677.2	33	+2.6	—	0	679.8		A			STA #3		~~700.0~~
																709.4
L-60ᵂ-25ᴺ	Stn #3		0	707.1	30	+2.3		0	709.4		B					
L-76ᵂ-25ᴺ	MB Stn		19	677.2	33	+2.6		-.05	679.8		A					
	Stn #3		38	707.2	30	+2.3		-.1	709.4		B					
																709.4
L-60ᵂ-25ᴺ	Stn #3		0	707.3	30	+2.3	-.2	—	709.4		A			STA	# 3 —	~~700.00~~
L-44ᵂ-25ᴺ	Stn #4		23	740.7	33	+2.6	-.2	—	743.1		B			STA	# 3 —	~~699.9~~
	Stn #3		48	707.3	30	+2.3	-.2	—	709.4		A					
L-44ᵂ-25ᴺ	Sta #4		0	740.7	33	+2.6	+.2	0	743.1		B			STA	# 4	743.1
L-60ᵂ-25ᴺ	Sta #3		25	707.3	30	+2.3	-.2	-.1	709.3		A			STA	# 4	743.2
	Sta #4		49	740.9	33	+2.6	-.2	-.2	743.1		B					
L-44ᵂ-25ᴺ	STA #4		0	740.9	31	+2.4	-.2	0	743.1		A				STA #5	726.7
L-28ᵂ-25ᴺ	STA #5		26	724.3	35	+2.7	-.2	-.1	726.7		B					
	STA #4		47	741.1	31	+2.4	-.2	-.2	743.1		A					
L-28ᵂ-25ᴺ	STA #5		0	724.3	35	+2.7	-.3	0	726.7		B					
L-44ᵂ-25ᴺ	STA #4		21	741.1	31	+2.4	-.3	0	743.2		D					
	STA #5		40	724.3	35	+2.7	-.3	0	726.7		B					

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L. P. INSTRUMENT SHARP INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-28W - 25N	STA # 5		0	724.4	35	+2.7	-.4	0	726.7					STA	# 5	726.7
L-12W, 25N	Sta 6		18	775.8	30	+2.3	-.4	-.1	777.6							
	STA # 5		42	724.6	34	+2.7	-.4	-.2	726.7					STA	# 6	777.6
L-12W - 25N	STA # 6		0	775.8	30	+2.3	-.5	0	777.6					STA	# 7	682.8
L-28W - 25N	STA. 5		22	724.6	34	+2.6	-.5		726.7							
	STA. 6		48	775.8	30	+2.3	-.5	0	777.6							
L-12W - 25N	STA 6		0	779.9	26	+2.0	-4.3		777.6							
L-5W T.L.60N	STA. 7		39	685.2	27	+2.1	-4.3	-.2	682.8							
	STA 6		78	780.3	26	+2.0	-4.3	-.4	777.6							
L-5W T.L.60N	STA 7		0	685.2	27	+2.1	-4.5	0	682.8							
L-12W - 25N	STA 6		39	780.3	26	+2.0	-4.5	-.2	777.6							
	STA 7		82	685.5	27	+2.1	-4.5	-.3	682.8							
L - 5W T.L.60N	STA 7		0	686.4	27	+2.1	-5.7	0	682.8						Sta # 7	682.4
L - 20W T.L. 60N	STA. #8		21	590.1	31	+2.4	-5.7	+.1	586.9							
	STA # 7		40	686.2	27	+2.1	-5.7	+.2	682.8							
L-20W T.L. 60N	STA. 8		0	590.1	31	+2.4	-5.6	0	586.9						STA # 8	586.9
L 5W T.L. 60N	STA 7		19	686.2	27	+2.1	-5.6	-.3	682.4							
	STA 8		39	590.7	31	+2.4	-5.6	-.6	586.9							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L.P. INSTRUMENT SHARP INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-20ʷ-60ᴺ	BS #8		0	590.7	31	+2.4	-6.2	0	586.9					Sta 8	586.9	
L-36ʷ-60ᴺ	Sta. #9		28	533.9	34	+2.6	-6.2	-.05	530.2					Sta 8	586.7	
	Sta. #8		52	590.8	31	+2.4	-6.2	-.1	586.9						586.8	
L-36ʷ-60ᴺ	Sta #9		0	533.9	34	+2.6	-6.3	0	530.2					Sta 9	530.3	
L-20ʷ-60ᴺ	Sta #8		24	590.8	31	+2.4	-6.3	-.2	586.7							
	Sta #9		54	534.3	34	+2.6	-6.3	-.4	530.2					Sta 9	530.2	
L-36ʷ-60ᴺ	STA #9		0	539.65	34	+2.6	-12.0	0	530.3							
L-52ʷ-60ᴺ	Sta 10		20	660.5	32	+2.5	-12.0	-	651.0					Sta #10	651.0	
	Sta #9		42	539.65	34	+2.6	-12.0	0	530.3					Sta 10	651.1	
L-52ʷ-60ᴺ	STA #10		0	660.5	32	+2.5	-12.0	0	651.0							
L-36ʷ-60ᴺ	Sta 9		22	539.7	34	+2.6	-12.0	-.1	530.2							
	Sta #10		40	660.7	32	+2.5	-12.0	-.2	651.0							
														Sta #11		599.8
L-52ʷ-60ᴺ	Sta #10		0	660.7	32	+2.5	-12.2	0	651.0							
L-68ʷ-60ᴺ	Sta #11		22	610.1	26	+2.0	-12.2	-.05	599.8							
	Sta #10		40	660.8	32	+2.5	-12.2	-.1	651.0							
L-68ʷ-60ᴺ	STA #11		0	610.1	26	+2.0	-12.3	0	599.8							
L-52ʷ-60ᴺ	Sta #10		18	660.8	32	+2.5	-12.3	+.05	651.1							
	Sta #11		38	610.0	26	+2.0	-12.3	+.1	599.8							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-68ᵂ 60ᴺ	Stn # 11		0	610.0	26	+2.0	-12.2	0	599.8							
L-84ᵂ 60ᵂ	Stn # 12		22	457.8	34	+2.6	-12.2	0	448.2						Stn # 11	599.8
	Stn # 11		43	610.0	26	+2.0	-12.2	0	599.8							599.9
L-84ᵂ 60ᵂ	Stn # 12		0	457.8	34	+2.6	-12.2	0	448.2							
L-68ᵂ 60ᴺ	Stn 11		21	610.0	26	+2.0	-12.2	+.1	599.9						Stn # 12	448.2
	Stn # 12		43	457.6	34	+2.6	-12.2	+.2	448.2						Stn # 12	448.3
L-84ᵂ 60ᴺ	Stn # 12		0	457.6	34	+2.6	-12.0	0	448.2							
L-100ᵂ 60ᴺ	Stn # 13		28	342.2	34	+2.6	-12.0	0	332.8						STA # 13	332.8
	Stn # 12		45	457.6	34	+2.6	-12.0	0	448.2							332.8
L-100ᵂ 60ᵂ	Stn # 13		0	342.2	34	+2.6	-12.0	0	332.8							
L-84ᵂ 60ᴺ	Stn # 12		17	457.6	34	+2.6	-12.0	+.1	448.3							
	Stn # 13		37	342.0	34	+2.6	-12.0	+.2	332.8						STA # 14	177.6
L-100ᵂ 60ᴺ	STA # 13		0	341.8	34	+2.6	-11.6	0	332.8							
L-116ᵂ 60ᴺ	STA # 14		20	186.4	33	+2.6	-11.6	+.2	177.6							
	STA # 13		38	341.5	34	+2.6	-11.6	+.3	332.8							
L-116ᵂ 60ᴺ	STA # 14		0	186.4	33	+2.6	-11.4	0	177.6							
L-100ᵂ 60ᴺ	STA # 13		18	341.5	34	+2.6	-11.4	+.1	332.8							
	STA # 14		34	186.2	33	+2.6	-11.4	+.2	177.6							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L. P. INSTRUMENT Sharp. INSTR. CONSTANT .1052 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-116° - 60° N	STA # 14		0	186.2	33	+2.6	-11.2	0	177.6							
L-108° 25° N	STA # 2		45	510.0	32	+2.5	-11.2	0	501.3							
	STA # 14		87	186.2	33	+2.6	-11.2	0	177.6							
L-108° 25° N	STA # 2		0	510.0	32	+2.5	-11.2	0	501.3							
L-116° 60° N	STA # 14		42	186.2	33	+2.6	-11.2	0	177.6							
	STA # 2		75	510.0	32	+2.5	-11.2	0	501.3							

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GRAVITY DATA

JOB No. DATE OPERATOR 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-76W 25N	MB stn		0	483.9	33	+2.55	+193.3	0	679.75							
	Sta. I		19	367.0	31	+2.39	+193.3	-.105	562.64							
	M.B. stn		34	484.0	33	+2.55	+193.3	-.1	679.75							
	Sta. I		0	367.0	31	+2.39	+193.3	0	562.69							
	MB. stn		15	484.0	33	+2.55	+193.3	+.145	679.995							
	Sta I		31	366.7	31	+2.39	+193.3	+.3	562.69							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L.P. INSTRUMENT SHARP INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-76 W	M.B. STN	25 N	0	483.9	33		-193.3									
SENSITIVITY 16.7 L-92 W	B. STN #I	25 N	19	367.0	31											
	M.B. STN		34	484.0	33											
	B STN #I		50	366.7	31											
L-92 W	B STN #I	25 N	0	366.7	31											
L-108 W	B STN #2	25 N	16	306.9	32											
	B STN #I		32	366.8	31											
	B STN #2		46	306.9	32											
L-92+00 W	B STN #I	25 N	0	366.9	31											
L-76 W	MB STN	25 N	17	484.2	33											
	B STN #I		36	366.8	31											
	MB STN		50	484.2	33											
RESET																
L-76 W	MB. STN	25 N	0	677.2	33											
L-60 W	B STN #3	25 N	18	707.1	30											
	MB STN		37	677.2	33											
	B STN #3		56	707.2	30											
L-60 W	B STN #3	25 N	6	707.3	30											
L-44 W	B STN #4	25 N	23	740.7	33											
	B STN #3		48	707.3	30											
	B STN #4		72	740.9	33											

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-44 W	B Stn #4	25 N	0	740.9	31											
L-28 W	B Stn #5	25 N	26	724.3	35											
	B Stn #4		47	741.1	31											
	B Stn #5		66	724.3	35											
L-28 W	B Stn #5		0	724.4	35											
L-12 W	B Stn #6		18	775.8	30											
	B Stn #5		42	724.6	34											
	B Stn #6		60	775.8	30											

LED CAL. BASE STAT

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GRAVITY DATA

JOB No. DATE OPERATOR L.P. INSTRUMENT SHARP. INSTR. CONSTANT .10102 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-28W 25W	STA #5		0	734.2	34	+2.6	-4.3 -4.4	0	732.4							
L-12W 25N	STA #6		14	785.2	26	+2.0	-4.4	0	782.8				B. STA #	6	- 782.9	
	STA #5		31	734.2	33	+2.6	-4.4	0	732.4							
L-12W 25W	STA #6		0	784.9	27	2.1	-4.1 -4.2	0	782.8							
L-28W 25W	STA #5		17	734.2	34	+2.6	-4.2	-.16	732.44							
	STA #6		31	785.2	26	+2.0	-4.2	-.3	782.8							
L-12W 25N	STA #6		0	784.5	27	+2.1	-3.7 -3.8	0	782.8							
L-5W 60W	STA #7		40	690.7	28	+2.2	-3.8	-.2	688.9				B. STA	#7	689.0	
	STA #6		75	784.9	27	+2.1	-3.8	-.4	782.8							
L-5W 60N	STA #7		0	690.8	28	+2.2	-4.0 -4.1	0	688.9							
L-12W 25W	STA #6		35	784.5	27	+2.1	-4.1	+.05	782.6							
	STA #7		75	690.7	28	+2.2	-4.1	+.1	688.9							
L-5W 60N	STA #7		0	690.6	28	+2.2	-3.8 -3.9	0	688.9							
L-20W 60W	STA #8		18	594.7	31	+2.4	-3.9	-.12	593.08				B. STA	#8	- 593.2	
	STA #7		31	690.8	28	+2.2	-3.9	-.2	688.9							
L-20W 60N	STA #8		0	594.7	31	+2.4	-3.9 -4.0	0	593.1							
L-5W 60W	STA #7		15	690.6	28	+2.2	-4.0	0	688.8							
	STA #8		33	594.7	31	+2.4	-4.0	0	593.1							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L.P. INSTRUMENT SHARP INSTR. CONSTANT .1052 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-20 W 60 N	Stn #8		0	594.3	31	+2.4	-3.5 -3.6	0	593.1							
L-36 W 60 N	Stn #9		27	538.1	30	+2.3	-3.6	-.2	536.6			B. STN #9 - 536.7				
	Stn #8		48	594.7	31	+2.4	-3.6	-.4	593.1							
L-36 W 60 N	Stn #9		0	537.4	31	+2.4	-3.2	0	536.6							
L-20 W 60 N	Stn #8		23	594.3	31	+2.4	-3.2	-.3	593.2							
	Stn #9		50	538.1	30	+2.8	-3.2	-.7	536.6							
L-36 W 60 N	Stn #9		0	539.65	34	+2.6	-5.6 -5.7	0	536.6							
L-52 W 60 N	Stn #10		26	660.5	32	+2.5	-5.7	0	657.3			B. STN #10 657.4				
	Stn #9		42	539.65	34	+2.6	-5.7	0	536.6							
L-52 W 60 N	Stn #10		0	660.5	32	+2.5	-5.6 -5.7	0	657.3							
L-36 W 60 N	Stn #9		22	539.65	34	+2.6	-5.7	-.1	536.5							
	Stn #10		40	660.7	32	+2.5	-5.7	-.2	657.3							
L-52 W 60 W	Stn #10		0	660.7	32	+2.5	-5.8 -5.9	0	657.3			B. STN #11 - 606.2				
L 68 W 60 N	Stn #11		22	610.1	26	+2.0	-5.9	-.06	606.14							
	Stn #10		40	660.8	32	+2.5	-5.9	-.1	657.3							
L-68 W 60 N	Stn #11		0	610.1	26	+2.0	-5.9 -6.0	0	606.1							
L-52 W 60 N	Stn #10		18	660.8	32	+2.5	-6.0	-.05	657.25							
	Stn #11		38	610.0	26	+2.0	-6.0	+.1	606.1							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L.P. INSTRUMENT Sharp INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-68 W 60 N	Sta #11		0	610.0	26	+2.0	-5.8 -5.9	0	606.1							
L-84 W 60 N	Sta #12		22	457.8	34	+2.6	-5.9	0	454.5			B. STN		#12	454.6	
	Sta #11		43	610.0	26	+2.0	-5.9	0	606.1							
L-84 W 60 N	Sta #12		0	457.8	34	+2.6	-5.8 -5.9	0	454.5							
L-68 W 60 N	Sta #11		21	610.0	26	+2.0	-5.9	+.1	606.2							
	Sta #12		43	457.6	34	+2.6	-5.9	+.2	454.5							
L-84 W 60 N	Sta #12		0	457.6	34	+2.6	-5.6 -5.7	0	454.5							
L-100 W 60 N	Sta #13		28	342.2	34	+2.6	-5.7	0	339.1			B. STN		#13	339.2	
	Sta #12		45	457.6	34	+2.6	-5.7	0	454.5							
L-100 W 60 N	STA #13		0	342.2	34	+2.6	-5.6 -5.7	0	339.1							
L-84 W 60 N	STA #12		17	457.6	34	+2.6	-5.7	+.1	454.6							
	STA #13		37	342.0	34	+2.6	-5.7	+.2	339.1							
L-100 W 60 N	Sta #13		0	341.8	34	+2.6	-5.2 -5.3	0	339.1							
L-116 W 60 W	Sta #14		20	186.4	33	+2.6	-5.3	+.16	183.86			B. STN		#14	183.9	
	Sta #13		38	341.5	34	+2.6	-5.3	+.3	339.1							
L-116 W 60 W	Sta #14		0	186.4	33	+2.6	-5.1 -5.2	0	183.86							
L-100 W 60 W	Sta #13		18	341.5	34	+2.6	-5.2	+.1	339.0							
	Sta #14		34	186.2	33	+2.6	-5.2	+.2	183.86							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L.P. INSTRUMENT SHARP INSTR. CONSTANT .1012 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-116W 60N	Sta #14		0	186.2	33	+2.6	-4.9 -5.1	0	183.7							
L-108W 25N	Sta #2		45	510.05 509.95	32	+2.5	-4.9 -5.1	0	507.46		B. STA # 2			- 5	07.6	
	Sta #14		87	186.15	33	+2.6	-5.1	0	183.7						7.1	
															8.4	
L-108 25N	Sta #2		0	509.95	32	+2.5	-4.9 -5.1	0	507.46							
L-116W 60N	Sta #14		42	186.15	33	+2.6	-4.9 -5.1	0	183.79							
	Sta #2		75	509.95	32	+2.5	-5.1	0	507.46		Stn # 2				(Tie	.63)

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L.P. INSTRUMENT Sharp INSTR. CONSTANT .1052 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-76° 25"	MB. STN		0	682.4	33	+2.6	+.1	0	685.0							
	Stn. # 1		18	565.3	32	+2.5	—	-.2	567.6							
	M.B. Stn		32	682.7	33	+2.6	—	-.3	685.0							
											M.B. STA		685.1			
	Stn # 1		0	565.3	32	+2.5	-.2	0	567.6							
L-76° 25"	M.B. Stn		14	682.7	33	+2.6	-.2	+.05	685.2							
	Stn. # 1		29	565.2	32	+2.5	-.2	+.1	567.6							
L-92° 25"	Stn # 1		0	565.2	32	+2.5	-.1	0	567.6			B. STA #	1 -	567.7		D-1
L-108° 25"	Stn # 2		15	505.7	32	+2.5	-.1	-.15	508.0	567.9						
	Stn # 1		30	565.5	32	+2.5	-.1	-.3	567.6							
L-108° 25"	Stn # 2		0	505.7	32	+2.5	-.2	0	508.0							
L-92° 25"	Stn # 1		15	565.5	32	+2.5	-.2	0	567.8	567.9						
	Stn # 2		31	505.7	32	+2.5	-.2	0	508.0		Stn # 2		507.9		(Tie .6)	

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR L.P. INSTRUMENT SHARP INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-76 W 25 N	M.B. STN		0	681.7	33	+2.6	+7.7	0	685.0							
L-60 W 25 N	STN # 3		18	712.0	29	+2.2	+.7	0	714.9							
	M.B. STN		36	681.7	33	+2.6	+7.7	0	685.0		B. STA # 3 - 715.0					
L-60 W 25 N	STN # 3		0	711.7	29	+2.2	+1.0	0	714.9							
L-76 W 25 N	M.B. STN		19	681.7	33	+2.6	+1.0	-.15	685.15							
	STN # 3		37	712.0	29	+2.2	+1.0	-.3	714.9							
L-60 W 25 N	STA # 3		0	711.4	29	+2.2	+1.3		714.9							
L-44 W 25 N	STA # 4		24	745.6	29	+2.2	+1.3	-.16	748.94		B. STA # 4 - 749.0					
	STA # 3		46	711.7	29	+2.2	+1.3	-.3	714.9							
L-44 W 25 N	STA # 4		0	745.4	29	+2.2	+1.3	0	748.94							
L-60 W 25 N	STA # 3		25	711.4	29	+2.2	+1.3	-.1	714.8							
	STA # 4		49	745.6	29	+2.2	+1.3	-.2	748.9							
L-44 W 25 N	STA # 4		0	751.0	29	+2.2	-4.3	0	748.9							
L-28 W 25 N	STA # 5		12	734.1	33	+2.6	-4.3	0	732.4		B. STA # 5 - 732.5					
	STA # 4		26	751.0	29	+2.2	-4.3	0	748.9							
L-28 W 25 N	STN # 5		0	734.2	33	+2.6	-4.4	0	732.4							
L-44 W 25 N	STA # 4		15	751.6	29	+2.2	-4.4	+.06	748.86							
	STA # 5		27	734.1	33	+2.6	-4.4	+.1	732.4							

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LEO - GRAV. (23)

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 14, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	M.B.S.		0	691.3	20	2.3	-8.5	0	685.1	69.55						
K-68W		25-N	12	698.8	38	2.9		0	693.2	70.37	4492.96	269.58		-5.02	334.93	
		24-N	15	702.2	39	3.0		0	696.7	70.73	4486.36	269.18		-5.00	334.91	
		23-N	18	703.0	42	3.3		0	697.8	70.84	4481.69	268.90		-4.99	334.75	
		22-N	21	704.6	38	2.9		-.1	698.9	70.95	4477.10	268.63		-4.97	334.61	
		21-N	24	708.7	39	3.0		-.1	703.1	71.38	4468.12	268.09		-4.95	334.52	
		20-N	28	713.4	38	2.9		-.1	707.7	71.85	4457.74	267.46		-4.94	334.37	
		19-N	32	716.0	38	2.9		-.1	710.3	72.11	4460.50	267.03		-4.92	334.22	
		18-N	36	721.7	38	2.9		-.1	716.0	72.69	4438.69	266.32		-4.90	334.11	
		17-N	40	724.4	40	3.1		-.1	718.9	72.98	4430.22	265.81		-4.89	333.90	
		16-N	43	727.7	42	3.3		-.1	722.4	73.34	4421.31	265.28		-4.87	333.75	
		15-N	47	733.1	40	3.1		-.1	727.6	73.87	4408.39	264.50		-4.85	333.52	
		14-N	50	738.1	39	3.0		-.1	732.5	74.36	4396.33	263.78		-4.84	333.30	
		13-N	54	743.4	39	3.0		-.1	737.8	74.90	4383.30	263.00		-4.82	333.08	
		12-N	58	754.2	39	3.0		-.2	748.5	75.99	4361.39	261.68		-4.80	332.87	
		11-N	62	762.5	40	3.1		-.2	756.9	76.84	4342.04	260.52		-4.79	332.57	
		10-N	66	769.4	40	3.1		-.2	763.8	77.54	4325.99	259.56		-4.77	332.33	
		9-N	69	775.6	40	3.1		-.2	770.0	78.17	4309.08	258.54		-4.75	331.96	
		8-N	73	779.3	42	3.3		-.2	773.9	78.57	4298.35	257.90		-4.73	331.74	
		7-N	77	783.2	40	3.1		-.2	777.6	78.94	4287.24	257.23		-4.72	331.45	
		6-N	80	786.3	39	3.0		-.2	780.6	79.25	4277.39	256.64		-4.70	331.19	
		5-N	83	788.3	41	3.2		-.2	782.8	79.47	4268.74	256.12		-4.68	330.91	
		4-N	87	790.3	40	3.1		-.2	784.7	79.66	4260.62	255.64		-4.67	330.63	
		3-N	90	790.9	41	3.2		-.2	785.4	79.73	4255.06	255.30		-4.65	330.38	
shaky		2-N	94	791.1	36	2.8		-.3	785.1	79.70	4248.33	254.90		-4.64	329.96	

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE Aug 14, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
Swamp shaky		1-N	98	790.5	40	3.1	-8.5	-.3	784.8	79.67	4246.34	254.78		-4.62	329.83	
L-68W		BL-0	102	776.4	42	3.3		-.3	770.9	78.26	4265.71	255.94		-4.60	329.60	
		1-S	105	773.9	40	3.1		-.3	768.2	77.99	4267.52	256.05		-4.58	329.46	
		2-S	108	773.1	41	3.2		-.3	767.5	77.92	4267.69	256.06		-4.57	329.41	
		3-S	112	772.4	41	3.2		-.3	766.8	77.85	4266.86	256.01		-4.55	329.31	
		4-S	116	771.9	41	3.2		-.3	766.3	77.79	4266.18	255.97		-4.53	329.23	
		5-S	120	770.4	40	3.1		-.3	764.7	77.63	4266.96	256.02		-4.52	329.13	
(0.0027397)		6-S	123	770.2	37	2.9		-.3	764.3	77.59	4263.21	255.79		-4.50	328.88	
		7-S	126	773.5	41	3.2		-.3	767.9	77.96	4256.19	255.37		-4.48	328.85	
		8-S	130	776.3	43	3.3		-.4	770.7	78.24	4249.82	254.99		-4.47	328.76	
		9-S	134	779.2	38	2.9		-.4	773.2	78.50	4244.60	254.68		-4.45	328.73	
	B.S.#19		146	775.6	37	2.9	-8.5	-0.4	769.6	78.13						
	B.S.#19		0	775.5	37	2.9	-8.8	0	769.6	78.13						
BL-0		L-70W	6	793.4	34	2.6		0	787.2	79.92						
		L-72W	11	796.5	38	2.9		0	790.6	80.26						
		L-74W	16	791.9	32	2.5		0	785.6	79.75						
		L-76W	21	803.5	33	2.6		0	797.3	80.94						
		L-66W	30	771.7	40	3.1		0	766.0	77.76						
		L-64W	34	769.5	40	3.1		+.1	763.9	77.55						
		L-62W	39	770.5	39	3.0		+.1	764.8	77.64						
		L-60W	44	768.1	39	3.0		+.1	762.4	77.40						

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 14, 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.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
L-60W		1-S	48	767.4	38	2.9	-8.8	+.1	760.7	77.23	4273.13	256.39		-4.49	329.13	
		2-S	52	769.9	36	2.8		+.1	764.0	77.56	4268.23	256.09		-4.48	329.17	
		3-S	55	769.8	38	2.9		+.1	764.0	77.56	4266.81	256.01		-4.46	329.11	
		4-S	58	770.3	37	2.9		+.1	764.5	77.61	4265.22	255.91		-4.44	329.08	
		5-S	62	773.0	39	3.0		+.1	767.3	77.90	4259.29	255.56		-4.43	329.03	
		6-S	65	776.7	36	2.8		+.1	770.8	78.25	4250.94	255.06		-4.41	328.90	
		7-S	69	790.8	29	2.2		+.1	784.3	79.62	4227.03	253.62		-4.39	328.85	
BK-0		L-58W	78	767.5	35	2.7		+.1	761.5	77.31						
		L-56W	82	783.4	36	2.8		+.1	777.5	78.93						
		L-54W	87	779.2	38	2.9		+.1	773.4	78.50						
		L-52W	92	780.1	41	3.2		+.2	774.7	78.65						
(0.001666)		L-50W	96	790.6	35	2.7		+.2	784.7	79.66						
		L-48W	100	785.2	38	2.9		+.2	779.5	79.13						
		L-46W	105	759.6	36	2.8		+.2	753.8	76.53						
		L-44W	110	726.0	39	3.0		+.2	720.4	73.14						
	B.S.#18		120	780.3	36	2.8	-8.8	+0.2	774.5	78.63						
L-32W	B.S.#18		0	780.4	36	2.8	-8.7	0	774.5	78.63	4219.35	254.96		-4.42	329.17	
		1-S	3	779.8	38	2.9		0	774.0	78.58	4249.58	254.97		-4.40	329.15	
		2-S	7	780.1	38	2.9		0	774.3	78.61	4249.19	254.95		-4.39	329.17	
		3-S	11	780.0	37	2.9		0	774.2	78.60	4248.56	254.91		-4.37	329.14	
		4-S	14	780.1	37	2.9		0	774.3	78.61	4248.10	254.89		-4.35	329.15	
		5-S	18	791.4	28	2.9		0	785.6	79.75	4228.82	253.73		-4.34	329.14	
		6-S	22	791.4	40	3.1		0	785.8	79.77	4226.86	253.61		-4.32	329.06	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE AUG 14, 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.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
L-52W		1-N	30	782.2	41	3.2	-8.1	0	776.1	78.85	4248.20	254.89		-4.44	329.30	
		2-N	34	783.1	38	2.9		0	777.3	78.91	4248.23	254.89		-4.45	329.35	
		3-N	38	789.5	39	3.0		+.1	783.9	79.58	4239.90	254.39		-4.47	329.50	
		4-N	42	790.0	36	2.8		+.1	784.2	79.61	4239.66	254.38		-4.47	329.50	
		5-N	46	791.3	42	3.3		+.1	786.0	79.79	4238.70	254.32		-4.50	329.61	
		6-N	50	792.1	36	2.8		+.1	786.3	79.83	4240.24	254.41		-4.52	329.72	
		7-N	54	793.5	38	2.9		+.1	787.8	79.98	4240.80	254.45		-4.54	329.89	
		8-N	57	794.5	28	2.2		+.1	788.1	80.01	4243.23	254.59		-4.55	330.05	
		9-N	61	795.5	39	3.0		+.1	789.9	80.19	4243.72	254.62		-4.57	330.24	
Shaky		10-N	65	794.8	35	2.7		+.1	788.9	80.09	4244.13	254.65		-4.59	330.15	* check
Shaky		11-N	69	795.5	29	2.2		+.1	789.1	80.11	4245.86	254.75		-4.61	330.25	* checks.
		12-N	?								4244.49			-4.62		
Swamp		13-N		NO READING							4245.80			-4.64		
		14-N									4247.93			-4.66		
		15-N	86	801.8	36	2.8		+.1	796.0	80.81	4250.65	255.04		-4.67	331.18	
		16-N	90	803.0	33	2.6		+.1	797.0	80.91	4253.51	255.21		-4.69	331.43	
Swamp		17-N									4253.53			-4.71		
		18-N	97	803.2	34	2.6		+.1	797.3	80.94	4258.94	255.54		-4.72	331.76	
		19-N	101	800.4	38	2.9		+.1	794.7	80.68	4268.27	256.10		-4.74	332.04	
		20-N	105	795.0	39	3.0		+.1	789.4	80.14	4280.43	256.83		-4.76	332.21	
(0.00140 84)		21-N	109	783.1	37	2.9		+.2	777.5	78.93	4303.82	258.23		-4.77	332.44	
		22-N	113	775.5	41	3.2		+.2	770.2	78.19	4319.76	259.19		-4.79	332.59	
(0.00		23-N	117	768.0	41	3.2		+.2	762.7	77.43	4335.94	260.16		-4.81	332.78	
		24-N	121	761.3	39	3.0		+.2	755.8	76.73	4350.83	261.05		-4.82	332.96	
		25-N	125	750.8	38	2.9		+.2	745.7	75.65	4360.75	262.25		-4.84	333.06	
		B.S.#3	142	720.5	38	2.9	-8.7	+0.2	714.9	72.58						

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 17, 76 OPERATOR CHON INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B5 #3		0	722.4	35	2.7	-10.2	0	714.9	72.58						
L-60 W		24-N	4	725.3	37	2.9		0	718.0	72.89	4435.63	266.14		-4.91	334.12	
		23-N	7	728.5	39	3.0		0	721.3	73.23	4427.33	265.64		-4.90	333.97	
		22-N	11	733.1	38	2.9		-.1	725.7	73.67	4417.01	265.02		-4.88	333.81	check
		21-N	14	736.6	41	3.2		-.1	729.5	74.06	4408.38	264.50		-4.86	333.70	
		20-N	18	739.8	41	3.2		-.1	732.7	74.38	4400.17	264.01		-4.85	333.54	
		19-N	22	741.8	40	3.1		-.1	734.6	74.58	4393.45	263.61		-4.83	333.36	
		18-N	25	744.5	39	3.0		-.1	737.2	74.84	4385.87	263.15		-4.81	333.18	
		17-N	28	747.0	38	2.9		-.1	739.6	75.08	4378.39	262.70		-4.80	332.98	
→		16-N	32	750.6	40	3.1		-.2	743.3	75.46	4377.	262.63		-4.78	332.31	check *
		15-N	35	754.8	36	2.8		-.2	747.2	75.86	4357.26	261.44		-4.76	332.54	
		14-N	38	760.0	39	3.0		-.2	752.6	76.40	4342.41	260.54		-4.75	332.19	
		13-N	42	765.8	42	3.3		-.2	758.7	77.02	4329.12	259.75		-4.73	332.04	
		12-N	46	769.2	38	2.9		-.2	761.7	77.33	4318.98	259.14		-4.71	331.76	
		11-N	50	768.6	37	2.9		-.3	761.0	77.26	4315.91	258.95		-4.70	331.51	
		10-N	54	768.4	39	3.0		-.3	760.9	77.25	4311.15	258.67		-4.68	331.24	
		9-N	58	767.6	38	2.9		-.3	760.0	77.16	4308.52	258.51		-4.66	331.01	
		8-N	61	767.7	39	3.0		-.3	760.2	77.18	4303.72	258.22		-4.64	330.76	
		7-N	65	768.8	39	3.0		-.3	761.3	77.29	4297.79	257.87		-4.63	330.53	
		6-N	69	772.0	38	2.9		-.4	764.3	77.59	4289.07	257.34		-4.61	330.32	
		5-N	72	774.0	39	3.0		-.4	766.4	77.80	4283.66	257.02		-4.59	330.23	
		4-N	76	774.5	42	3.3		-.4	767.2	77.89	4279.06	256.74		-4.58	330.05	
		3-N	80	773.4	40	3.1		-.4	765.9	77.75	4276.74	256.60		-4.57	329.79	
		2-N	83	773.1	38	2.9		-.4	765.4	77.70	4273.73	256.42		-4.54	329.58	
		1-N	87	771.8	40	3.1		-.4	764.3	77.59	4273.38	256.40		-4.53	329.46	

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 17,76 OPERATOR (CHOW) INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-60 W		BL-0	90	770.5	38	2.9	-10.2	-.5	762.7	77.43	4273.20	256.39		-4.51	329.31	
(0.005 1020)	BS #19		98	777.5	36	2.8	-10.2	-0.5	769.6	78.13						
	BS #3		0	723.1	37	2.9	-11.1	0	714.9	72.58						
L-60W		25-N	3	722.0	36	2.8		0	713.7	72.45	4445.77	266.75		-4.93	334.27	
		26-N	7	718.0	39	3.0		0	709.9	72.07	4454.57	267.27		-4.95	334.39	
		27-N	11	712.2	38	2.9		0	704.0	71.47	4465.95	267.96		-4.96	334.47	
		28-N	15	707.7	36	2.8		0	699.4	71.00	4475.69	268.54		-4.98	334.56	
		29-N	19	703.8	38	2.9		0	695.6	70.62	4483.90	269.03		-5.00	334.65	
		30-N	23	698.5	35	2.7		0	690.1	70.06	4493.85	269.63		-5.01	334.68	
		31-N	27	692.6	41	3.2		0	684.7	69.51	4505.38	270.32		-5.03	334.80	
		32-N	30	687.3	39	3.0		0	679.2	68.95	4515.47	270.93		-5.05	334.83	
		33-N	34	680.2	37	2.9		0	672.0	68.22	4529.15	271.75		-5.07	334.90	
		34-N	38	675.7	39	3.0		+.1	667.7	67.78	4537.37	272.24		-5.08	334.94	
		35-N	42	675.5	41	3.2		+.1	667.7	67.78	4539.48	272.37		-5.10	335.05	
		36-N	45	675.7	36	2.7		+.1	667.4	67.75	4541.68	272.50		-5.12	335.13	
		37-N	49	673.6	39	3.0		+.1	665.6	67.59	4545.38	272.72		-5.13	335.16	
		38-N	53	670.8	40	3.1		+.1	662.9	67.30	4551.57	273.09		-5.15	335.24	
		39-N	57	667.0	41	3.2		+.1	659.2	66.92	4560.85 4561.05	273.66		-5.17	335.41	✓
		40-N	60	660.2	38	2.9		+.1	652.1	66.20	4570.73	274.24		-5.18	335.26	
		41-N	64	668.8	41	3.2		+.1	661.0	67.10	4557.51	273.45		-5.20	335.35	
		42-N	67	680.0	39	3.0		+.1	672.0	68.22	4540.84	272.45		-5.22	335.45	
		43-N	71	682.5	45	3.5		+.1	675.0	68.53	4536.30	272.18		-5.23	335.48	
		44-N	75	683.5	39	3.0		+.1	675.5	68.58	4536.59	272.20		-5.25	335.53	
		45-N	79	683.0	39	3.0		+.1	675.0	68.53	4538.11	272.29		-5.27	335.55	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 17, 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.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity
L-60W		46-N	83	683.1	40	3.1	-11.1	+.1	675.2	68.55	4539.70	272.38		-5.28	335.65
		47-N	87	681.8	38	2.9		+.1	673.7	68.39	4545.28	272.72		-5.30	335.81
		48-N	91	678.8	38	2.9		+.1	670.7	68.09	4552.15	273.13		-5.32	335.90
		49-N	94	673.8	39	3.0		+.1	665.8	67.59	4562.52	273.75		-5.33	336.01
		50-N	98	673.1	39	3.0		+.1	665.1	67.52	4566.21	273.97		-5.35	336.14
		51-N	102	672.8	40	3.1		+.1	664.9	67.50	4569.40	274.16		-5.37	336.29
		52-N	105	670.9	40	3.1		+.1	663.0	67.31	4574.73	274.48		-5.38	336.41
		53-N	109	668.8	37	2.9		+.2	660.8	67.08	4579.81	274.79		-5.40	336.47
		54-N	113	670.2	39	3.0		+.2	662.3	67.24	4578.96	274.74		-5.42	336.56
		55-N	115	666.2	34	2.6		+.2	659.9	66.79	4586.39	275.18		-5.44	336.53
		56-N	119	664.0	36	2.8		+.2	655.9	66.59	4591.21	275.47		-5.45	336.61
		57-N	122	663.3	40	3.1		+.2	655.5	66.55	4593.33	275.60		-5.47	336.68
		58-N	126	664.3	39	3.0		+.2	656.4	66.64	4591.71	275.50		-5.49	336.65
(0.00138gal)		59-N	130	666.5	36	2.8		+.2	658.4	66.84	4589.32	275.36		-5.50	336.70
		60-N	134	664.2	31	2.4		+.2	655.7	66.57	4594.42	275.67		-5.52	336.72
	BS.#10		144	665.7	36	2.8	-11.1	+0.2	657.6	66.76					

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE AUG 17, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
(NOT INTER.)	B.S. #10	L-52W	0	665.5	36	2.8	-10.7	0	657.6	66.76						
TL-60		L-50W	4	659.6	41	3.2		0	652.1	66.20						
		L-48W	8	658.6	38	2.9		0	650.8	66.07						
		L-46W	13	653.0	37	2.9		0	645.2	65.50						
INTER.		L-44W	18	652.2	26	2.0		-.1	643.4	65.32						
		L-54W	28	672.8	35	2.7		-.1	664.7	67.48						
		L-56W	33	675.5	34	2.6		-.1	667.3	67.74						
		L-58W	38	673.0	34	2.6		-.1	664.8	67.49						
(NOT INTER.)		L-60W	42	667.5	38	2.9		-.1	659.6	66.96						
		L-62W	47	653.0	28	2.9		-.2	646.0	65.48						
		L-64W	52	640.2	37	2.9		-.2	632.2	64.18						
		L-66W	57	627.1	38	2.9		-.2	619.1	62.85						
(NOT INTER.)		L-68W	61	616.2	36	2.8		-.2	608.1	61.73						
		L-70W	66	604.6	38	2.9		-.2	596.6	60.51						
		L-72W	70	588.8	35	2.7		-.2	578.8	58.76						
		L-74W	75	574.4	37	2.9		-.2	566.4	57.50						
(NOT INTER.)		L-76W	80	558.9	36	2.8		-.3	550.7	55.91						
INTER.	B.S. #11	L-68W	90	614.7	35	2.7	-10.7	-0.3	606.4	61.56						
(.00033333)																

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE August 18 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity ✓	
LINE 76+00W	25+00N		9:30													
MB STN.			0	695.5	32	2.5	-129	0	685.1							
L-68W		25+00N	8	704.0	35	2.7		-.1	693.7	70.42	4492.96	269.58		-5.02	334.98	
		26	12	700.6	34	2.6		-.1		70.07	4500.03	270.00		-5.04	335.03	
		27	16	699.0	35	2.7		-.1		69.92	4504.22	270.25		-5.05	335.12	
		28	18	701.4	32	2.5		-.1		70.14	4502.27	270.14		-5.07	335.21	
		29	21	702.9	32	2.5		-.2		70.28	4500.72	270.04		-5.09	335.24	
		30	24	703.9	31	2.4		-.2		70.37	4499.63	269.98		-5.10	335.25	
		31	27	705.0	32	2.5		-.2		70.50	4497.31	269.84		-5.12	335.21	
		32	30	702.8	36	2.8		-.2		70.30	4500.57	270.03		-5.14	335.20	
L-68W		33	33	701.1	36	2.8		-.2		70.13	4504.54	270.27		-5.16	335.24	
		34+00N	37	699.6	32	2.5		-.3		69.94	4507.22	270.43		-5.17	335.20	
		35	41	694.0	30	2.3		-.3		69.35	4517.27	271.04		-5.19	335.19	
		36	44	687.2	34	2.6		-.3		68.69	4528.86	271.73		-5.21	335.21	
		37	48	678.2	36	2.8		-.3		67.80	4544.56	272.67		-5.22	335.25	
		38	52	670.5	39	3.0		-.4		67.02	4555.62	273.34		-5.24	335.12	
		39	55	658.9	34	2.6		-.4		65.81	4577.64	274.64		-5.26	335.20	
		40	58	647.6	28	2.2		-.4		64.62	4599.70	275.98		-5.27	335.33	
		41	63	636.1	31	2.4		-.4		63.47	4620.64	277.24		-5.29	335.42	
		42	66	627.8	32	2.5		-.5		62.63	4636.67	278.20		-5.31	335.52	
		43	70	622.3	31	2.4		-.5		62.06	4648.52	278.91		-5.32	335.65	
		44	73	614.8	29	2.2		-.5		61.28	4663.27	279.80		-5.34	335.73	
		45	75	607.6	30	2.3		-.6		60.55	4677.20	280.63		-5.36	335.82	
L-68W		46+00N	79	606.3	35	2.7		-.6		60.46	4681.36	280.88		-5.37	335.97	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE August 18 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-68+00W		47+00N	83	602.3	30	2.3		-.6		60.61	4692.11	281.53		-5.39	336.15	
		48+00N	86	601.1	35	2.7		-.6		59.93	4696.22	281.77		-5.41	336.29	
		49+00N	90	599.8	34	2.6		-.6		59.79	4700.95	282.06		-5.42	336.42	
		50	93	598.5	37	2.9		-.7		59.67	4706.29	282.38		-5.44	336.61	
		51	96	590.8	32	2.5		-.7		58.85	4722.00	283.32		-5.46	336.71	
		52	99	585.3	30	2.3		-.7		58.27	4732.36	283.94		-5.47	336.74	
		53	102	591.0	35	2.7		-.7		58.89	4724.63	283.48		-5.49	336.88	
		54	105	598.3	29	2.2		-.7		59.58	4715.73	282.94		-5.51	337.02	
		55	108	608.4	28	2.2		-.8		60.60	4701.66	282.10		-5.53	337.12	
		56	111	615.9	27	2.1		-.8		61.35	4691.02	281.46		-5.54	337.27	
		57	114	621.2	33	2.6		-.8		61.94	4681.55	280.89		-5.56	337.27	
		58	117	624.8	35	2.7		-.8		62.31	4676.45	280.59		-5.58	337.32	
		59	121	622.0	33	2.6		-.9		62.01	4681.55	280.89		-5.59	337.31	
L-68+00W		60+00N	124	619.6	24	1.9		-.9		61.69	4687.47	281.25		-5.61	337.33	
BASE #11	T.L.	60+40N	128	618.2	26	2.0	-.129	-.9	606.4							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 18, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S #10		0	669.1	31	2.4	-13.9	0	657.6	66.76						
L-52W	INTER	60-N	3	671.2	38	2.9		0	660.2	67.02	4587.78	275.27		-5.43	336.86	
		59-N	7	671.6	38	2.9		0	660.6	67.06	4584.88	275.09		-5.41	336.74	
		58-N	10	678.4	37	2.9		0	667.4	67.75	4571.72	274.30		-5.40	336.65	
		57-N	14	683.2	37	2.9		0	672.2	68.24	~~4551.43~~	~~273.45~~		-5.38	~~336.31~~	336.49
		56-N	18	682.5	40	3.1		0	671.7	68.19	4559.31	273.56		-5.36	336.39	
		55-N	22	681.1	36	2.8		0	670.0	68.02	4559.37	273.56		-5.35	336.23	
		54-N	26	680.1	38	2.9		0	669.1	67.93	4559.26	273.56		-5.33	336.16	
		53-N	29	679.8	38	2.9		0	668.8	67.90	4560.25	273.62		-5.31	336.21	
		52-N	32	673.0	37	2.9		0	662.0	67.21	4569.50	274.17		-5.29	336.09	
		51-N	86	663.0	37	2.9		-.1	651.9	66.18	4584.12	275.05		-5.28	335.95	
		50-N	40	654.4	38	2.9		-.1	643.3	65.31	4596.07	275.76		-5.26	335.81	
		49-N	43	648.6	38	2.9		-.1	637.5	64.72	4603.04	276.18		-5.24	335.66	
		48-N	47	647.2	35	2.7		-.1	635.9	64.56	4603.19	276.19		-5.23	335.52	
		47-N	50	655.2	36	2.8		-.1	644.0	65.38	4588.34	275.30		-5.21	335.47	
		46-N	54	663.8	38	2.9		-.1	652.7	66.26	4572.93	274.38		-5.19	335.45	
		45-N	58	667.1	38	2.9		-.1	656.0	66.60	4565.45	273.93		-5.18	335.35	
		44-N	62	668.6	34	2.6		-.1	657.2	66.72	4561.67	273.70		-5.16	335.26	
		43-N	66	668.1	38	2.9		-.1	657.0	66.70	4559.42	273.57		-5.14	335.13	
		42-N	70	672.0	40	3.1		-.1	661.1	67.11	4551.42	273.09		-5.13	335.07	
		41-N	73	676.8	42	3.3		-.1	665.6	67.57	4542.85	272.57		-5.11	335.03	
		40-N	77	680.0	36	2.8		-.1	668.8	67.90	4535.36	272.12		-5.09	334.93	
		39-N	80	681.6	39	2.2		-.1	669.8	68.00	4530.44	271.83		-5.08	334.75	
		38-N	83	683.5	39	3.0		-.1	672.5	68.27	4526.14	271.57		-5.06	334.78	
		37-N	87	684.8	39	3.0		-.1	673.8	68.40	4521.87	271.31		-5.04	334.67	

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 18, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-52 W		36-N	90	691.6	37	2.9	-13.9	- .1	680.5	69.08	4509.06	270.54		-5.03	334.59	
		35-N	94	695.7	38	2.9		- .1	684.6	69.50	4500.03	270.00		-5.01	334.49	
		34-N	97	698.5	37	2.9		- .1	685.4	69.58	4495.88	269.75		-4.99	334.34	
		33-N	100	700.3	39	3.0		- .1	689.3	69.98	4486.37	269.18		-4.98	334.18	
		32-N	104	706.2	39	3.0		- .2	~~693.3~~ 693.1	~~70.38~~ 70.36	4474.41	268.46		-4.96	~~333.88~~ 333.68	K 334.07
		31-N	107	715.6	39	3.0		- .2	704.5	71.52	4456.50	267.39		-4.94	333.97	
		30-N	110	723.8	38	2.9		- .2	712.6	72.34	4440.50	266.43		-4.92	333.85	
		29-N	114	730.6	39	3.0		- .2	719.5	73.04	4426.33	265.58		-4.91	333.71	
		28-N	118	734.4	38	2.9		- .2	723.2	73.42	4417.52	265.05		-4.89	333.58	
		27-N	121	740.2	40	3.1		- .2	729.2	74.03	4404.77	264.29		-4.87	333.45	
		26-N	124	745.1	38	2.9		- .2	734.2	74.54	4392.04	263.52		-4.86	333.20	
(0.001 45 98)		25-N	127	755.8	39	3.0		- .2	744.7	75.69	4370.75	262.25		-4.84	333.01	
	B.S. #3		137	726.2	36	2.8	-13.9	-0.2	714.9	72.58						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 28, 76 OPERATOR 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.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
	MBS	0	0	683.1	2.8	2.6	-0.6	0	685.1							
L-76N		26N	3	677.2	3.1	2.9		0	679.5	68.98	4523.02	270.02	271.38	-5.13 -.44	338.56	335.23
		27	6	669.8	3.2	3.0		0	672.2	68.24	4536.53	270.83	272.19	-5.14 -.46	338.61	335.29
Sticky		28	9	660.1	3.0	2.8		0	662.7	67.28	4550.46	271.66	273.03	-5.16 -.48	338.46	335.15
		29	12	645.1	2.2	2.0		0	646.5	65.63	4571.29	273.14	274.52	-5.18 -.49	338.28	334.97 * dated
		30	16	629.5	3.0	2.8		0	631.7	64.13	4601.08	274.68	276.06	-5.19 -.51	338.30	335.00
		31	21	615.5	3.0	2.8		0	617.7	62.71	4624.71	276.10	277.49	-5.21 -.53	338.28	334.99
		32	24	603.5	2.7	2.5		0	605.4	61.46	4645.80	277.35	278.75	-5.23 -.55	338.26	334.98
		33	28	591.7	2.4	2.2		0	593.3	60.23	4666.12	278.57	279.97	-5.25 -.56	338.24	334.95
(0.000625)		34	32	580.2	2.8	2.6		0	582.2	59.11	4685.00	279.70	281.11	-5.26 -.58	338.23	334.96
		35	35	569.5	2.9	2.7		0	571.6	58.03	4703.95	280.83	282.24	-5.28 -.60	338.26	334.99
(0.000625)		36	40	558.5	2.7	2.5		0	560.4	56.89	4721.64	281.88	283.30	-5.30 -.61	338.16	334.89
		37	45	538.	2.6	2.4		0	539.8	54.80	4754.60	283.85	285.28	-5.31 -.63	338.02	334.77
		38	51	512.3	2.8	2.6		0	514.3	52.21	4795.77	286.31	287.75	-5.33 -.65	337.87	334.63
		39	57	494.2	2.4	2.2		0	495.8	50.33	4826.80	288.16	289.61	-5.35 -.67	337.82	334.59
		40	62	474.8	2.3	2.1		0	476.3	48.35	4860.08	290.15	291.68	-5.36 -.68	337.82	334.59
		40A	68	455.2	2.3	2.1		0	456.7	46.36	4892.99	292.11	293.58	-5.38 -.70	337.77	334.56
		42	73	438.5	2.9	2.7		-0.1	440.6	44.73	4920.67	293.76	295.23	-5.40 -.72	337.77	334.56
		43	77	429.7	2.8	2.6		-0.1	431.7	43.83	4938.13	294.81	296.22	-5.41 -.73	337.91	334.71
		44	81	418.6	2.5	2.3		-0.1	420.3	42.67	4959.61	296.09	297.58	-5.43 -.75	337.99	334.82
		45	84	409.1	2.8	2.6		-0.1	411.1	41.74	4977.32	297.15	298.64	-5.45 -.77	338.12	334.93
		46	88	406.5	2.8	2.6		-0.1	408.5	41.47	4984.78	297.59	299.09	-5.46 -.78	338.28	335.10
		47	92	408.2	2.4	2.2		-0.1	409.8	41.60	4986.35	297.7	299.19	-5.48 -.80	338.50	335.31
		48	97	408.	2.9	2.7		-0.1	410.1	41.63	4988.36	297.81	299.30	-5.50 -.82	338.62	335.43
		49N	100	408.3	2.5	2.3		-0.1	410.0	41.62	4990.65	297.94	299.44	-5.51 -.84	338.72	335.56

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 28, 76 OPERATOR INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-76W		50N	106	407.5	2.8	2.6	-0.6	-0.1	409.4	41.56	4994.25	298.16	292.66	-5.85	338.87	335.60
		51	111	409.3	2.7	2.5		-0.1	411.1	41.74	4994.12	298.15	292.65	-5.87	339.02	335.84
hit meki →		52	116	415.5	2.8	2.6		-0.1	417.4	42.38	4986.95	297.72	292.22	-5.86	339.24	336.04
		53	119	409.4	2.7	2.3		-0.1	411.0	41.73	4984.59	297.58	292.08	-5.92	339.35	336.17
			123	418.2	3.0	2.8		-0.1	420.8	42.67						
		54	126	423.7	2.9	2.7		-0.1	425.9	43.22	4979.85	297.30	298.79	-5.96	339.60	336.41
		55	130	441.5	2.8	2.6		-0.1	443.4	45.01	4953.62	295.73	297.22	-5.92	339.80	336.61
		56	135	466.5	2.5	2.3		-0.1	468.1	47.52	4916.51	293.52	294.99	-5.93	340.08	336.88
		57	138	487.1	3.2	3.0		-0.1	489.4	49.68	4884.80	291.62	293.09	-5.97	340.33	337.12
		58	141	498.4	2.9	2.7		-0.1	500.4	50.80	4868.23	290.63	292.09	-5.97	340.44	337.22
		59	145	516.1	3.0	2.8		-0.1	518.2	52.61	4840.85	289.00	290.45	-5.98	340.60	337.38
1st TL		60N	149	531.2	3.1	2.9		-0.1	533.4	54.15	4818.60	287.67	289.12	-5.92	340.80	337.57
	BS12		160	452.9	2.8	2.6	-0.6	-0.1	454.8							
	BS12		0	452.7	2.8	2.6	-0.5	0	454.8	46.17						
L-84W		60N			~~2.8~~	2.6	-0.5	0			4952.79	295.68	297.17	-5.70 -1.11	340.74	337.55
		59	4	426.5	2.8	2.6	-0.5	0	428.6	43.51	4992.41	298.05	299.55	-5.77 -1.10	340.43	337.29
big hill		58	8	400.4	2.8	2.6		0	402.5	40.86	5031.64	300.39	301.90	-5.76 -1.08	340.17	337.00
82.1 hill		57	11	387.8	2.9	2.7		0	390.0	39.59	5052.10	301.61	303.13	-5.74 -1.05	340.14	336.98
		52	15	365.8	2.0	1.9		0	367.2	37.28	5087.70	303.74	305.26	-5.73 -1.05	339.97	336.82
no pin flag		55	19	343.5	3.0	2.8		0	345.8	35.11	5121.14	305.73	307.27	-5.73 -1.05	339.81	336.67
		54	23	327.3	3.1	2.9		0	329.7	33.47	5145.23	307.17	308.72	-5.69 -1.05	339.63	336.50
		53	27	308.4	2.8	2.6		0	310.5	31.52	5173.53	308.86	310.41	-5.67 -1.04	339.39	336.26
		52	30	296.2	3.2	3.0		+0	298.7	30.32	5189.76	309.65	311.39	-5.68 -1.05	338.99	336.06
		51	34	283.5	3.0	2.8		+0.1	285.9	29.03	5207.16	310.87	312.43	-5.64 -1.06	338.94	335.82
		50	38	262.0	3.0	2.8		+0.1	264.4	26.84	5235.51	312.51	314.13	-5.64 -1.04	338.46	335.35
		49N	41	248.5	2.5	2.3		+0.1	250.4	25.42	5252.10	313.53	315.13	-5.64 -1.04	338.24	334.95

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 28, 76 OPERATOR INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Latitude 0.0	Latitude Corr.	ρ = Bouguer Gravity	
L-84W		48N	45	243.1	3.1	2.9	-0.5	+0.1	245.6	24.93	5757.34	313.82	315.44	-5.59 -.97	337.88	334.78
		47	48	251.0	3.0	2.8		+0.1	253.4	25.73	5243.67	313.05	314.67	-5.57 -.89	337.89	334.78
		46	52	262.4	2.8	2.6		+0.1	264.6	26.86	5224.91	311.03	313.49	-5.55 -.87	337.92	334.80
		45	55	271.5	2.8	2.6		+0.1	278.7	28.29	5200.70	310.48	312.04	-5.54 -.86	337.91	334.79
		44	58	290.2	3.0	2.8		+0.1	292.6	29.71	5175.43	308.97	310.53	-5.52 -.84	337.84	334.72
		43	62	305.3	2.3	2.1		+0.1	307.0	31.17	5151.41	307.54	309.08	-5.50 -.82	337.89	334.75
		42	65	313.7	3.0	2.8		+0.1	316.1	32.09	5132.92	306.44	307.98	-5.49 -.81	337.72	334.58
(0.00140844)		41	69	325.0	2.7	2.5		+0.1	327.1	33.21	5109.53	305.04	306.57	-5.47 -.79	337.46	334.31
		40	72	344.7	2.1	2.0		+0.1	346.3	35.16	5075.89	303.03	304.55	-5.45 -.77	337.42	334.26
		39	76	365.5	2.8	2.6		+0.1	367.7	37.33	5038.47	300.80	302.31	-5.44 -.76	337.37	334.20
		38	79	388.1	2.6	2.4		+0.1	390.5	39.64	4999.79	298.49	299.99	-5.42 -.74	337.39	334.21
		37	84	416.9	2.4	2.2		+0.1	418.7	42.51	4953.91	295.75	297.23	-5.40 -.72	337.34	334.34
		36	88	440.6	2.6	2.4		+0.1	442.6	44.93	4914.60	293.40	294.88	-5.39 -.73	337.43	334.42
		35	92	465.2	2.4	2.2		+0.1	467.0	47.41	4873.44	290.94	292.41	-5.37 -.67	337.66	334.45
		34	97	492.1	2.0	1.9		+0.1	493.6	50.11	4831.73	288.45	289.90	-5.35 -.67	337.89	334.66
		33	102	511.4	2.7	2.5		+0.1	513.5	52.13	4800.28	286.58	288.02	-5.34 -.67	338.06	334.81
hit nickel core →		32	106	532.2	3.0	2.8		+0.2	534.7	54.28	4767.49	284.62	286.05	-5.33 -.67	338.26	335.01
		31	110	548.3	2.7	2.5		+0.2	550.5	55.89	4743.10	283.16	284.59	-5.30 -.66	338.43	335.18
		30	114	563.2	3.1	2.9		+0.2	565.8	57.44	4719.40	281.75	283.16	-5.28 -.68	338.59	335.32
		29	117	571.3	2.2	2.0		+0.2	573.0	58.17	4705.67	280.93	282.34	-5.27 -.68	338.52	335.24
		28	121	586.7	2.7	2.5		+0.2	582.9	59.18	4690.73	280.04	281.44	-5.25 -.67	338.65	335.37
		27	125	589.9	2.8	2.6		+0.2	592.2	60.12	4676.60	279.19	280.60	-5.23 -.65	338.76	335.49
		26	129	599.2	3.0	2.8		+0.2	601.7	61.09	4660.29	278.22	279.62	-5.22 -.63	335.78	335.49
		25N	133	610.1	3.0	2.8		+0.2	612.6	62.19	4640.64	277.05	278.44	-5.20 -.62	338.72	335.43
	MBS		142	682.9	2.7	2.5	-0.5	+0.2	685.1							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 22 OPERATOR L. P. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ=2.7 Elev. Corr. .0397	Latitude	Latitude Corr.	ρ= Bouguer Gravity	
L-76W	M.B. STN		6:00	682.0	33	2.6	+0.5	0	685.1							
		25N	4	682.3	33	2.6		0	685.4	69.68	4513.32	269.45	270.80	-5.11	338.60	335.27
		24N	9	687.0	36	2.8		0	690.3	70.08	4505.03	268.95	270.30	-5.09	338.67	335.29
		23N	14	694.2	33	2.6		-0.1	697.3	70.79	4490.51	268.08	269.43	-5.08	338.48	335.14
		22N	17	701.5	32	2.5		-0.1	704.5	71.52	4477.53	267.31	268.65	-5.06	338.45	335.11
		21N	21	705.5	32	2.5		-0.1	708.5	71.93	4468.72	266.78	268.12	-5.04	338.35	335.01
		20N	24	710.7	31	2.4		-0.1	713.6	72.45	4458.06	266.15	267.48	-5.03	338.26	334.90
		19N	28	716.2	30	2.3		-0.1	718.9	72.98	4448.68	265.59	266.92	-5.01	338.25	334.89
		18N	32	719.3	32	2.5		-0.1	722.2	73.32	4441.96	265.19	266.52	-4.99	338.20	334.85
		17N	36	720.2	29	2.2		-0.1	722.8	73.38	4438.63	264.99	266.32	-4.98	338.08	334.72
L-76W		16N	40	725.4	26	2.0		-0.1	727.8	73.89	4427.46	264.32	265.65	-4.96	337.94	334.58
		15N	44	731.1	34	2.6		-0.1	734.1	74.53	4413.86	263.51	265.83	-4.94	337.78	334.42
		14N	48	731.2	36	2.8		-0.2	734.3	74.55	4409.47	263.25	264.57	-4.93	337.56	334.19
		13N	52	737.9	34	2.6		-0.2	740.8	75.21	4393.62	262.30	263.62	-4.91	337.29	333.92
		12N	58	749.4	35	2.7		-0.2	752.4	76.38	4368.99	260.83	262.14	-4.89	337.01	333.63
(0.00325?0)		11N	62	756.9	36	2.8		-0.2	760.0	77.16	4351.85	259.81	261.11	-4.88	336.70	333.39
		10N	67	764.7	36	2.8		-0.2	767.8	77.95	4334.25	258.75	260.06	-4.86	336.53	333.15
		9N	70	773.6	38	2.9		-0.2	776.8	78.86	4315.72	257.65	258.94	-4.84	336.36	332.96
		8N	75	777.2	30	2.3		-0.2	779.8	79.16	4306.86	257.12	258.41	-4.82	336.14	332.75
		7N	79	776.0	36	2.8		-0.3	779.0	79.09	4304.67	256.99	258.28	-4.81	335.96	332.56
		6N	83	771.3	31	2.4		-0.3	773.9	78.57	4308.71	257.23	258.52	-4.79	335.70	332.30
		5N	87	758.1	35	2.7		-0.3	761.0	77.26	4324.70	258.19	259.48	-4.77	335.36	331.97
		4N	92	765.7	31	2.4		-0.3	768.3	78.00	4307.35	257.15	258.44	-4.76	335.08	331.68
L-76W		3N	95	781.3	34	2.6		-0.3	784.1	79.60	4276.92	255.33	256.62	-4.74	334.88	331.48
		2N	101	791.8	37	2.9		-0.3	794.9	80.70	4255.04	254.03	255.30	-4.72	334.70	331.28

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 22 OPERATOR L.P. INSTRUMENT SHARP INSTR. CONSTANT .10152 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-76 W		1 N	105	795.9	35	2.7		-0.3	798.8	81.09	4262.75	253.35	254.63	-4.71	334.42	331.01
76 W		B.L.	111	795.6	24	1.9		-0.4	797.6	80.97	4239.51	253.10	254.37	-4.69	334.07	330.65
GRAVITY	BASE #20		123	795.7	36	2.8	+0.5	-0.4	798.6							
L-84 W 84	Sensitivity + levels OKAY															
GRAVITY BASE	#20		1105 0	795.7	36	2.8	+0.1	0	798.6							
L-76 W		1400 S	7	795.6	36	2.8			798.5	81.06	4233.11	252.72	253.99	+4.67	333.80	330.38
		2 S	17	796.3	36	2.8			799.2	81.14	4226.97	252.85	253.62	-4.66	333.52	330.10
		3 S	25	795.1	33	2.6			797.8	80.99	4225.32	252.25	253.52	+4.64	333.29	329.87
VIA b.	SWAMP	4 S	29	794.3	29	2.2			796.6	80.87	4224.20	252.19	253.45	-4.64	333.13	329.70
VIA b.	"	5 S	33	793.0	24	1.9			795.0	80.71	4223.79	252.16	253.43	-4.61	332.96	329.53
VIA b.	"	6 S	37	791.4	29	2.2			793.7	80.58	4222.91	252.11	253.37	-4.59	332.79	329.36
		7 S	41	789.2	30	2.3			791.6	80.36	4223.09	252.12	253.39	-4.57	332.60	329.18
VIA b.	"	8 S	46	789.8	25	1.9			791.8	80.38	4220.77	251.98	253.25	-4.58	332.50	329.05
		9 S	50	783.8	32	2.5			786.4	79.84	4227.72	252.40	253.66	-4.54	332.39	328.96
		10 S	53	787.2	30	2.3			789.6	80.16	4222.72	252.10	253.36	-4.52	332.43	329.00
		11 S	58	784.4	35	2.7			787.2	79.92	4225.28	252.25	253.52	-4.50	332.36	328.94
L-76 W		12 S	61	784.0	32	2.5			786.6	79.84	4227.73	252.40	253.66	-4.49	332.44	329.01
L-84 W		12 S	72	794.4	23	1.8			796.3	80.84	4226.24	252.19	253.45	-4.58	333.14	329.71
		11 S	77	797.2	30	2.3			799.7	81.19	4219.42	251.90	253.17	-4.59	333.19	329.77
		10 S	82	797.3	29	2.2			799.7	81.18	4220.74	251.98	253.24	-4.61	333.24	329.81
		9 S	86	798.9	27	2.1			801.2	81.33	4220.39	251.96	253.22	-4.63	333.35	329.92
		8 S	90	799.7	27	2.1			801.9	81.41	4221.15	252.00	253.27	-4.65	333.46	330.03
L-84 W		7 S	98	801.1	32	2.5			803.7	81.59	4221.25	252.01	253.28	-4.66	333.63	330.21

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 22 OPERATOR L. P. INSTRUMENT SHARP INSTR. CONSTANT .10152 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-84W		6S	102	801.7	29	2.2			804.0	81.62	4223.32	252.13	253.40	-4.68	333.76	330.34
		5S	105	800.9	29	2.2			803.2	81.54	4228.77	252.46	253.73	-4.70	334.09	330.57
		4S	108	802.2	30	2.3			804.6	81.68	4231.54	252.62	253.89	-4.71	334.28	330.86
Vib. 6.	Swamp	3S	117	801.5	31	2.4			804.0	81.62	4238.02	253.01	254.28	-4.73	334.59	331.17
		2	121	802.5	32	2.5			805.1	81.73	4241.12	253.20	254.47	-4.75	334.87	331.45
		1	125	799.3	32	2.5			801.9	81.41	4249.53	253.70	254.97	-4.76	335.04	331.62
		B.L.	128	795.8	35	2.7			798.6	81.07	4258.42	254.23	255.51	-4.78	335.21	331.80
Gravity L-84W	Base ±20		132	795.8	35	2.7	+0.1	0	798.6							
Sensitivity	18.15	Level	stay	10.3												
Gravity	Base ±20		0	796.0	35	2.7	-0.1	0	798.6							
L-84W		1+00N	4	793.7	28	2.2		0	795.8	80.79	4266.65	254.72	256.00	-4.80	335.40	331.09
		2	8	790.0	35	2.7		+0.1	792.6	80.47	4274.10	255.16	256.45	-4.81	335.51	332.11
		3	12	789.6	25	1.9		+0.1	791.5	80.35	4280.15	255.52	256.81	-4.83	335.73	332.35
		4	17	784.5	35	2.7		+0.1	787.2	79.92	4291.30	256.19	257.48	-4.85	335.95	332.55
		5	21	781.4	36	2.8		+0.1	784.2	79.63	4300.81	256.76	258.05	-4.86	336.21	332.82
		6	28	773.3	32	2.5		+0.2	775.9	78.77	4318.46	257.81	259.11	-4.88	336.39	333.00
(0.0057377)		7+00N	32	765.2	32	2.5		+0.2	767.8	77.95	4335.95	258.86	260.16	-4.90	336.60	333.21
		8	36	758.4	34	2.6		+0.2	761.1	77.27	4351.56	259.79	261.09	-4.91	336.83	333.45
		9	41	750.8	35	2.7		+0.2	753.6	76.51	4368.40	260.79	262.10	-4.93	337.06	333.68
		10	45	745.2	31	2.4		+0.3	747.8	75.92	4382.98	261.66	262.98	-4.95	337.32	333.95
		11	50	737.2	32	2.5		+0.3	739.9	75.11	4400.06	262.68	264.00	-4.97	337.51	334.14
		12	53	730.6	34	2.6		+0.3	733.4	74.45	4414.66	263.56	264.88	-4.98	337.72	334.35
L-84W		13	58	722.2	31	2.4		+0.3	725.8	73.68	4430.52	264.50	265.83	-5.00	337.87	334.51
		14N	63	717.3	29	2.2		+0.4	719.8	73.07	4443.71	265.29	266.62	-5.02	338.03	334.67

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 22 OPERATOR L.P. INSTRUMENT SHARP INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ=2.7 Elev. Corr.	Latitude	Latitude Corr.	ρ= Bouguer Gravity	
L-84 W		15+00 N	68	709.2	30	2.3		+0.4	711.8	72.26	4460.45	266.29	267.63	-5.03	338.20	334.86
		16+00 N	72	706.8	31	2.4		+0.4	703.5	71.42	4477.30	267.30	268.64	-5.05	338.30	335.01
		17+00 N	76	694.2	32	2.5		+0.4	697.0	70.76	4489.99	268.05	269.40	-5.07	338.43	335.09
		18 N	80	685.2	33	2.6		+0.5	688.2	69.87	4507.24	269.08	270.43	-5.08	338.55	335.22
		19 N	84	674.1	35	2.7		+0.5	677.2	68.75	4526.22	270.22	271.57	-5.10	338.52	335.22
		20 N	90	665.4	29	2.2		+0.5	668.0	67.82	4541.72	271.14	272.50	-5.12	338.53	335.20
		21	93	653.4	34	2.6		+0.5	656.5	66.65	4562.55	272.38	273.75	-5.13	338.58	335.27
		22	97	639.4	31	2.4		+0.6	642.3	65.21	4586.56	273.82	275.19	-5.15	338.56	335.25
		23	101	629.2	35	2.7		+0.6	632.3	64.19	4605.26	274.93	276.32	-5.17	338.64	335.34
		24	105	617.7	33	2.6		+0.6	620.8	63.02	4625.76	276.16	277.55	-5.18	338.68	335.39
L-84 W		25+00 N	108	609.3	33	2.6		+0.6	612.4	62.17	4641.25	277.08	278.48	-5.20	338.73	335.45
L-92 W 25 N	BASE #1		122	564.5	32	2.5	-0.1	+0.7	567.6							

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 22, 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.	$\rho = 2.7$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-92W		1-N	92	771.2	35	2.7		-0.6	773.6	78.54	4317.11	257.73	250.03	-4.89	336.68	332.68
SENSITIVITY = 15.9		0+00N	96	780.4	38	2.9		-0.6	783.0	79.49	4299.64	256.69	257.98	-4.87	336.01	332.60
RESET SENSITIVITY	B.S.#21		110	734.8	33	2.6	+0.3	-0.7	737.0							
SENSITIVITY 17.8	B.S.#21		0	735.1	33	2.6	-0.7	0	737.0							
L-92W		0+00N	10	780.7	38	2.9		0	782.9	79.48	4299.64	256.69	257.98	-4.87	336.80	332.57
		1-S	15	786.3	39	3.0		0	788.6	80.06	4286.71	255.92	257.20	-4.85	335.83	332.41
		2-S	19	787.8	32	2.5		0	789.6	80.16	4280.31	255.53	256.82	-4.84	335.55	332.14
		3-S	23	789.5	37	2.9		0	791.7	80.37	4272.36	255.06	256.34	-4.84	335.31	331.89
		4-S	27	786.2	39	3.0		0	788.5	80.05	4274.22	255.17	256.45	-4.80	335.12	331.70
shaking		5-S	31	788.9	36	2.8		0	791.0	80.30	4267.85	254.79	256.02	-4.79	334.96	331.57
		6-S	35	788.9	36	2.8		-0.1	790.9	80.29	4264.26	254.58	255.86	-4.77	334.85	331.38
(0.009 33337)		7-S	39	790.0	36	2.8		-0.1	792.0	80.40	4259.00	254.26	255.54	-4.75	334.61	331.19
		8-S	43	788.0	37	2.9		-0.1	790.1	80.21	4258.88	254.26	255.53	-4.74	334.44	331.03
		9-S	48	791.0	34	2.6		-0.1	792.8	80.49	4251.27	253.80	255.08	-4.72	334.27	330.85
		10-S	51	794.6	36	2.6		-0.1	796.4	80.85	4242.48	253.28	254.55	-4.70	334.13	330.70
		11-S	55	799.0	35	2.7		-0.1	800.9	81.31	4232.51	252.68	253.95	-4.68	334.01	330.58
		12-S	58	801.7	32	2.5		-0.1	803.4	81.56	4224.59	252.21	253.48	-4.67	333.80	330.37
	B.S.#21		75	735.0	36	2.8	-0.7	-0.1	737.0							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 22, 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.	ρ=2.7 Elev. Corr. 0.0597	Latitude	Latitude Corr.	ρ= Bouguer Gravity	
SENSITIVITY 18.2	B.S.# 1		0	564.8	32	2.5	+0.3	0	567.6							
INTER L-92N		25-N	3	563.8	38	2.9		0	567.0	57.56	4722.49	281.93	283.35	-5.20	338.89	335.62
		24-N	8	573.5	38	2.9		0	576.7	58.55	4705.66	280.93	282.34	-5.27	338.90	335.62
		23-N	11	584.5	37	2.9		-0.1	587.5	59.64	4685.87	279.75	281.15	-5.26	338.83	335.53
		22-N	15	596.5	32	2.5		-0.1	599.2	60.83	4665.27	278.52	279.92	-5.24	338.80	335.51
		21-N	18	611.0	36	2.8		-0.1	614.0	62.33	4639.76	276.99	278.39	-5.22	338.79	335.50
		20-N	22	623.1	36	2.8		-0.1	626.1	63.56	4618.37	275.72	277.10	-5.21	338.77	335.45
		19-N	26	635.3	30	2.3		-0.2	637.7	64.74	4598.45	274.53	275.91	-5.19	338.78	335.46
		18-N	29	644.2	33	2.6		-0.2	646.9	65.67	4585.33	273.74	275.12	-5.17	338.93	335.62
		17-N	33	651.2	35	2.7		-0.2	654.0	66.39	4572.72	272.99	274.36	-5.16	338.92	335.62
		16-N	37	656.3	37	2.9		-0.2	659.3	66.93	4562.60	272.39	273.76	-5.14	338.88	335.55
		15-N	41	663.2	37	2.9		-0.3	666.2	67.63	4549.64	271.61	272.98	-5.12	338.81	335.49
(0.00063636)		14-N	45	669.9	39	3.0		-0.3	672.9	68.31	4535.56	270.77	272.13	-5.11	338.67	335.33
		13-N	49	674.1	36	2.8		-0.3	676.9	68.72	4525.83	270.19	271.55	-5.09	338.52	335.18
		12-N	52	679.7	37	2.9		-0.3	682.6	69.30	4512.83	269.42	270.77	-5.07	338.35	335.00
		11-N	56	689.6	29	2.2		-0.4	691.7	70.22	4493.45	268.26	269.61	-5.06	338.12	334.77
		10-N	60	696.8	32	2.5		-0.4	699.2	70.98	4477.72	267.32	268.66	-5.04	337.96	334.60
		9-N	63	704.3	33	2.6		-0.4	706.8	71.75	4460.38	266.29	267.62	-5.02	337.72	334.35
		8-N	67	712.0	34	2.6		-0.4	714.5	72.54	4443.14	265.26	266.59	-5.00	337.49	334.13
		7-N	70	719.0	36	2.8		-0.5	721.6	73.27	4426.90	264.29	265.61	-4.99	337.27	333.89
		6-N	74	726.5	40	3.1		-0.5	729.4	74.06	4410.55	263.31	264.63	-4.97	337.10	333.72
		5-N	77	734.2	37	2.9		-0.5	736.9	74.82	4393.58	262.30	263.61	-4.95	336.86	333.48
		4-N	81	741.4	35	2.7		-0.5	743.6	75.49	4378.08	261.37	262.68	-4.94	336.62	333.23
		3-N	85	752.1	34	2.6		-0.5	754.5	76.60	4356.79	260.10	261.41	-4.92	336.48	333.09
		2-N	89	761.4	33	2.6		-0.6	763.7	77.53	4336.05	258.86	260.16	-4.90	336.19	332.79

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 20 OPERATOR L. D. INSTRUMENT Sharp INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
			8:00													
L-92W	BASE #1		0	565.1	32	+2.5	0	0	567.6					-0.6		
		26+00W	6	551.0	32	2.5		0	553.5	51.19	4743.98	283.22	284.64	-5.31	338.80	335.52
		27+00W	10	541.5	31	2.4	+0.1	0.1	544.0	55.23	4760.91	284.23	285.65	-5.33	338.83	335.56
		28+00W	14	530.5	31	2.4		-0.1	533.0	54.11	4778.53	285.28	286.71	-5.34	338.74	335.48
		29+00W	18	518.5	30	2.3		0.1	520.9	52.88	4797.80	286.43	287.87	-5.36	338.65	335.39
		30+00W	21	507.9	30	2.3	+0.1	0.1	510.3	51.81	4815.56	287.49	288.93	-5.37	338.62	335.37
		31+00W	25	491.5	37	2.9	0.2	0.2	494.6	50.21	4841.18	289.62	290.47	-5.39	338.53	335.29
		32+00W	28	474.5	30	2.3		0.2	477.0	48.43	4869.42	290.70	292.17	-5.41	338.41	335.19
		33+00W	32	455.0	29	2.2		0.2	457.4	46.44	4901.50	292.62	294.09	-5.43	338.33	335.10
0.006		34+00W	36	436.3	35	2.7	0.2	0.2	439.2	44.59	4930.24	294.34	295.81	-5.44	338.18	334.96
		35+00W	39	411.3	31	2.4		0.2	413.9	42.02	4970.52	296.74	298.23	-5.46	337.99	334.79
		36+00W	44	389.3	30	2.3	0.3	0.3	391.9	39.79	5006.96	298.92	300.42	-5.48	337.93	334.73
		37+00W	48	365.0	29	2.2		0.3	367.5	37.31	5046.04	301.25	302.76	-5.49	337.76	334.58
		38+00W	52	343.6	35	2.7		0.3	346.6	35.19	5080.55	303.31	304.83	-5.51	337.68	334.51
		39+00W	56	322.8	32	2.5	0.3	0.3	325.6	33.05	5117.11	305.49	307.03	-5.53	337.70	334.55
		40+00W	60	300.2	29	2.2	0.4	0.4	302.8	30.74	5154.97	307.75	309.30	-5.54	337.64	334.46
		41+00W	63	285.3	32	2.5		0.4	288.2	29.26	5182.79	309.41	310.97	-5.56	337.80	334.67
		42+00W	66	266.5	32	2.5		0.4	269.4	27.35	5215.93	311.39	312.96	-5.58	337.85	334.73
		43+00W	70	242.4	34	2.6		0.4	245.4	24.91	5256.03	313.78	315.36	-5.59	337.79	334.68
		44+00W	73	225.3	29	2.2	0.4	0.4	227.9	23.14	5285.21	315.53	317.11	-5.61	337.75	334.64
		45+00W	78	203.5	31	2.4	0.5	0.5	206.4	20.95	5320.68	317.64	319.24	-5.63	337.65	334.56
		46+00W	82	188.2	32	2.5		0.5	191.2	19.41	5346.85	319.21	320.81	-5.64	337.67	334.58
		47+00W	86	171.8	36	2.3	0.5	0.5	174.6	17.73	5374.37	320.85	322.46	-5.64	337.61	334.53

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 29 OPERATOR L.P. INSTRUMENT Sharp INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-92+00 W		48+00 N	90	161.1	30	2.3	0.	0.5	163.9	16.64	5392.44	321.93	323.55	-5.68	337.58	334.51
		49+00 N	93	155.1	32	2.5		0.6	158.2	16.06	5403.05	322.56	324.18	-5.69 -1.01	337.61	334.55
		50+00 W	96	152.6	32	2.5		0.6	155.7	15.81	5409.26	322.93	324.56	-5.71 -1.02	337.72	334.66
		51+00 N	100	153.8	32	2.5		0.6	156.9	15.93	5409.48	322.95	324.57	-5.73 -1.04	337.84	334.77
		52+00 N	104	160.7	32	2.5		0.6	163.8	16.63	5402.55	322.53	324.15	-5.72 -1.05	331.10	335.04
		53+00 N	108	176.3	29	2.2		0.6	179.1	18.18	5378.79	321.11	322.73	-5.71 -1.07	338.22	335.15
		54+00 N	114	238.1	34	2.6		0.7	241.4	24.51	5292.26	315.95	317.54	-5.69 -1.08	339.37	336.27
		55+00 N	118	274.3	30	2.3		0.7	277.3	28.15	5239.49	31280	314.37	-5.68 -1.11	339.34	336.72
		56+00 N	122	299.7	31	2.4		0.7	302.8	30.74	5201.28	310.52	312.08	-5.67 -1.13	340.13	337.01
		57+00 N	126	327.2	33	2.6		0.8	330.6	33.56	5160.61	308.09	309.64	-5.63 -1.14	340.51	337.37
		58+00 N	130	345.0	32	2.5		0.8	348.3	35.36	5133.92	306.50	308.04	-5.65 -1.16	340.70	337.55
		59+00 N	134	366.8	34	2.6		0.80	370.2	37.58	5099.93	304.47	306.00	-5.62 -1.18	340.87	337.72
		60+00 N	139	389.3	29	2.2		0.8	392.3	39.83	5065.03	302.38	303.90	-5.61 -1.19	341.02	337.85
Gravity Base #13			150	335.9	34	+2.6	0	+.9	339.4							

SODIN GRAVITY METER CHECK BY LEO'S CAMP 42.17

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE MON. SEPT. 6 1976 OPERATOR O'CONNOR INSTRUMENT LACOSTE #237 INSTR. CONSTANT 1.06152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr. -5.99	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	K = 1.05905
BACK TO 1 MIN. TO 12:00	M.B.S.		00	5171.42	32	.24	-6.14	.00	65.52	69.55 MGALS.						65.67
L-84+00 W	W	48+00	28	29.25	32	.24			23.35	24.79						24.89
	W	47-N	33	30.02	32	.24			24.12	25.60						25.70
			37	31.16	29	.21			25.23	26.78						26.88
		45-N	41	32.50	26	.19			26.55	28.18						28.28
W			45	33.83	30	.22			27.91	29.63						29.72
		43	49	35.22	27	.20			29.28	31.08						31.17
			53	36.05	32	.24			30.15	~~33.97~~	32.00					32.09
			57	37.19	21	.16			31.21	33.13						33.21
		40-N	62	39.01	22	.16			33.03	35.06						35.14
W			67	41.05	28	.21			35.12	37.28						37.35
			72	43.22	23	.17			37.25	39.54						39.61
			77	45.96	24	.18			40.00	42.46						42.52
↑ OPEN-WINDY			82	48.22	28	.21		-.01	42.29	44.88						44.93
↓ FOREST-LESS SO		35-N	87	50.58	26	.15			44.59	47.32						47.36
SHAKEY			95	53.08	24	.18			47.12	50.03						50.04
			99	55.00	30	.22			49.08	52.09						52.12
			113	57.05	29	.21			51.12	54.26						54.28
SHAKEY			119	58.58	25	.18			52.62	55.85						55.86
		30-N	114	59.93	34	.25			54.04	57.34						57.37
			120	60.75	25	.18			54.79	58.15						58.16
			125	61.74	24	.18			55.78	59.20						59.21
			129	62.60	26	.19			56.65	60.13						60.13
			132	63.48	30	.22			57.56	61.09						61.10
℄ B.L. 84-W		25-N	136	64.53	32	.24			58.63	62.23						62.23
M.B.S.			160	5171.43	32"	.24		-.01	65.53	69.55						69.51

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept. 6/76 OPERATOR PEW INSTRUMENT Sodin INSTR. CONSTANT 0.10107 LATITUDE 6 CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
Main Grid	MBS		0	820.8	2.7	2.5	-135.1	0	688.2	69.52	-.1					
L-8+W		48N	25	378.7	2.9	2.7		to.3	246.6	24.92	+.3					24.93 x.04
		47	30	386.4	3.1	2.9		0.3	254.5	25.72	+.1					25.73 +.3
		46	34	398.2	2.6	2.4		0.4	265.9	26.87	-.1					26.86 +.1
		45	38	412.1	2.6	2.4		0.4	279.8	28.28	—					28.29 +.1
		44	42	425.8	3.0	2.8		0.5	294.0	29.71	-.1					29.71 -.1
Shaky.		43	46	440.3	2.6	2.4		0.5	308.1	31.14	-.3					31.17 —
		42	50	449.2	2.8	2.6		0.5	317.2	32.06	-.3					32.09 —
		41	54	462.2	2.6	2.4		0.6	328.1	33.16	-.1					33.21 —
		40	58	479.8	2.3	2.1		0.6	347.4	35.11	-.3					35.16 +.1
		39	64	501.0	2.7	2.5		0.7	369.1	37.30	-.1					37.33 -.1
0.01087		38	68	523.3	2.8	2.6		0.7	391.5	39.57	-.4					39.64 +.3
		37	73	552.3	2.7	2.5		0.8	420.5	42.50	-.1					42.51 -.1
		36	78	576.0	2.6	2.4		0.8	444.1	44.89	-.4					44.93 —
		35	84	600.5	2.7	2.5		0.9	468.8	47.38	+.1					47.41 +.1
with Shaky		34	88	627.0	2.6	2.4		1.0	495.3	50.06	+.1					50.11 +.1
		33	94	647.5	2.6	2.4		1.0	515.8	52.13	+.1					52.13 +.1
		32	97	668.3	2.8	2.6		1.1	536.9	54.26	-.1					54.28 —
		31	102	684.2	2.6	2.4		1.1	552.6	55.85	-.1					55.89 +.3
		30	107	699.0	3.0	2.8		1.2	567.9	57.40	+.3					57.44 +.1
		29	111	707.5	2.1	2.0		1.2	575.6	58.18	+.1					58.17 +.1
		28	115	717.5	2.2	2.0		1.3	586.1	59.24	+.3					59.18 -.3
		27	119	726.2	2.6	2.4		1.3	594.8	60.12	-.1					60.12 -.1
		26	123	735.6	2.7	2.5		1.3	604.3	61.08	-.1					61.09 -.1
		25	127	746.5	3.0	2.8		1.4	615.6	62.22	-.1					62.10 -.4
	MBS		138	819.3	2.7	2.5	-135.1	+1.5	688.2	69.52						

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE AUG 11, 76 OPERATOR CHON INSTRUMENT INSTR. CONSTANT .1052 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-108 W	B.S. #2	25-N	0	508.6	32	2.5	+1.8	0	507.9							
L-124 W	B.S. #23	(25-N)	17	532.1	35	2.7	1	-0.1	536.5	+1.8	0	536.6			B.S. #23	= 536.6
	B.S. #2		34	503.7	32	2.5	+1.8	-0.1	507.9	+1.8	-0.1	507.9				
	B.S. #23		62	532.1	36	2.8				+1.8	-0.1	536.6				
L-124 W	B.S. #25	(BL-0)	0	617.0	34	2.6	+1.1	0	620.7							
	B.S. #22		12	690.3	31	2.4	+1.1	-.1	693.7	+1.0	0	693.7				
	B.S. #25		28	617.2	34	2.6	+1.1	-.2	620.7	+1.0	-.1	620.7			B.S. #25	= 620.7
	B.S. #22		38	690.5	31	2.4				+1.0	-.2	693.7				
															[B.S. 25	620.0]

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PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 24, 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.	ρ=2.7 Elev. Corr.	Latitude	Latitude Corr.	ρ= Bouguer Gravity	
SENSITIVITY · 18.2	B.S.#22		0	691.3	32	2.5	-0.1	0	693.7			.0597		-.43		
L-116 W		1-N	4	689.7	37	2.9		-0.1	692.7	70.30	4480.21	267.47	268.81	-5.17 -.45	337.32	333.94
		2-N	9	688.3	34	2.6		-0.1	690.8	70.13	4484.61	267.73	269.08	-5.18 -.46	337.40	334.03
		3-N	13	685.0	38	2.9		-0.1	687.5	69.79	4491.22	268.13	269.47	-5.20 -.48	337.44	334.06
		4-N	16	681.9	37	2.9		-0.1	684.7	69.51	4498.33	268.55	269.90	-5.22 -.50	337.51	334.25
		5-N	19	679.0	38	2.9		-0.1	681.8	69.22	4505.04	268.95	270.30	-5.23 -.52	337.65	334.29
		6-N	23	674.2	34	2.6		-0.1	676.7	68.70	4515.63	269.58	270.94	-5.25 -.53	337.75	334.39
NO-NAIL		7-N	27	669.1	38	2.9		-0.1	671.9	68.21	4526.20	270.21	271.57	-5.27 -.55	337.87	334.51
		8-N	31	662.8	37	2.9		-0.2	665.5	67.56	4540.21	271.05	272.41	-5.29 -.57	338.04	334.69
		9-N	35	651.9	38	2.9		-0.2	654.6	66.46	4562.86	272.40	273.77	-5.32 -.58	338.28	334.93
		10-N	39	642.9	38	2.9		-0.2	645.6	65.54	4582.64	273.58	274.96	-5.34 -.60	338.52	335.18
		11-N	43	637.8	39	3.0		-0.2	640.6	65.03	4594.86	274.31	275.69	-5.35 -.62	338.72	335.38
		12-N	47	632.1	37	2.9		-0.3	634.7	64.43	4608.51	275.13	276.51	-5.36 -.63	338.93	335.59
		13-N	51	626.2	36	2.8		-0.3	628.7	63.83	4621.34	275.89	277.28	-5.37 -.65	339.07	335.74
		14-N	55	619.4	39	3.0		-0.3	622.2	63.16	4636.75	276.81	278.21	-5.39 -.67	339.30	335.98
		15-N	59	611.6	40	3.1		-0.3	614.4	62.37	4649.79	277.59	278.99	-5.40 -.69	339.27	335.96
		16-N	63	603.2	33	2.6		-0.3	605.5	61.47	4665.23	278.51	279.91	-5.42 -.70	339.28	335.96
(0.005454)		17-N	67	592.7	38	2.9		-0.4	595.2	60.42	4683.95	279.6	281.04	-5.44 -.72	339.30	336.02
		18-N	70	585.9	37	2.9		-0.4	588.4	59.73	4697.42	280.44	281.85	-5.45 -.74	339.43	336.13
(0.005454)		19-N	74	575.4	37	2.9		-0.4	577.9	58.67	4716.13	281.55	282.97	-5.47 -.75	339.47	336.17
		20-N	78	567.7	37	2.9		-0.4	570.2	57.89	4730.92	282.44	283.86	-5.48 -.77	339.56	336.26
		21-N	82	559.8	38	2.9		-0.4	562.3	57.08	4745.00	283.28	284.70	-5.49 -.79	339.57	336.28
		22-N	86	549.7	34	2.6		-0.5	551.8	56.02	4763.15	284.36	285.79	-5.52 -.81	339.57	336.29
		23-N	90	542.7	39	3.0		-0.5	545.2	55.35	4774.27	285.02	286.46	-5.54 -.82	339.55	336.27
		24-N	94	532.8	37	2.9		-0.5	535.1	54.32	4790.16	285.97	287.41	-5.55 -.84	339.45	336.18

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 24, 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.	ρ = 2.7 Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
L-116 W		25-N	98	525.5	36	2.8		-0.5	527.9	53.57	4802.58	286.71	288.15	-.86 -5.57	339.42	336.15
SENSITIVITY = 17.1	B.S. #2		110	506.1	32	2.5	-0.1	-0.6	507.9							
			2:00 2:30													
SENSITIVITY = 18.0	B.S. #2		0	505.5	32	2.5	-0.1	0	507.9							
L-116 W		26-N	13	513.8	38	2.9		+0.1	516.9	52.48	4819.85	287.75	289.19	-.87 -5.59	339.36	336.08
		27-N	17	506.3	33	2.6		+0.2	509.0	51.68	4834.28	288.61	290.06	-.89 -5.64	339.42	336.14
		28-N	21	497.1	38	2.9		+0.2	500.1	50.77	4848.94	289.48	290.94	-.91 -5.62	339.34	336.09
		29-N	26	489.2	36	2.8		+0.3	492.2	49.97	4863.38	290.34	291.80	-.92 -5.64	339.39	336.13
		30-N	34	482.6	38	2.9		+0.4	485.8	49.32	4875.02	291.04	292.50	-.94 -5.65	339.42	336.17
		31-N	39	468.2	39	3.0		+0.4	471.6	47.88	4898.07	292.41	293.88	-.96 -5.67	339.33	336.09
		32-N	43	455.8	36	2.8		+0.4	459.0	46.59	4918.91	293.66	295.13	-.98 -5.69	339.27	336.03
		33-N	47	437.8	38	2.9		+0.5	441.1	44.78	4947.32	295.36	296.84	-.99 -5.71	339.15	335.91
		34-N	51	415.8	35	2.7		+0.5	418.9	42.53	4982.47	297.45	298.95	-1.01 -5.72	338.97	336.06 *
(10.0 10 9 10)		35-N	56	391.7	37	2.9		+0.6	395.2	40.12	5020.99	299.75	301.26	-1.03 -5.74	338.84	335.64
		36-N	61	367.3	35	2.7		+0.6	370.6	37.62	5063.18	302.27	303.79	-1.04 -5.76	338.85	335.65
		37-N	65	345.8	36	2.8		+0.7	349.2	35.45	5100.60	304.51	306.04	-1.06 -5.77	338.90	335.72
		38-N	69	324.3	35	2.7		+0.7	327.6	33.25	5137.65	306.72	308.26	-1.08 -5.80	338.89	335.72
		39-N	74	301.3	35	2.7		+0.8	304.8	30.94	5177.42	309.09	310.65	-1.10 -5.81	338.93	335.78
		40-N	79	282.7	39	3.0		+0.8	286.6	29.10	5209.38	311.00	312.56	-1.11 -5.82	338.99	335.84
		41-N	83	257.5	39	3.0		+0.9	261.3	26.54	5251.70	313.53	315.10	-1.13 -5.84	338.94	335.80
NO NAIL		42-N	87	239.6	38	2.9		+0.9	243.3	24.70	5284.30	315.47	317.06	-1.15 -5.86	339.02	335.90
		43-N	91	223.0	36	2.8		+0.9	226.6	23.00	5315.70	317.35	318.94	-1.16 -5.87	339.19	336.07
		44-N	95	208.9	35	2.7		+1.0	212.5	21.57	5341.39	318.88	320.48	-1.18 -5.89	339.27	336.16
		45-N	99	196.0	35	2.7		+1.0	199.6	20.26	5365.28	320.31	321.92	-1.20 -5.91	339.37	336.27
shaking		46-N	103	189.6	33	2.6		+1.1	193.1	19.60	5379.82	321.18	322.79	-1.21 -5.92	339.57	336.47

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 24, 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.	ρ=2.7 Elev. Corr.	Latitude	Latitude Corr.	ρ= Bouguer Gravity	
L-116 W	shaky	47-N	107	175.9	38	2.9		+1.1	179.8	18.25	5404.00	322.62	324.24	-1.23	339.64	336.55
windy vibrati		48-N	110	166.5	36	2.8		+1.1	170.3	17.29	5421.68	323.66	325.29	-1.25	339.70	336.62
		49-N	114	158.6	36	2.8		+1.2	162.5	16.49	5438.28	324.67	326.30	-1.27	339.80	336.82
windy		50-N	118	152.8	35	2.7		+1.2	156.6	15.90	5452.03	325.49	327.12	-1.28	340.11	337.03
"		51-N	122	152.5	36	2.8		+1.2	156.5	15.90	5456.33	325.74	327.38	-1.30	340.34	337.27
"		52-N	126	153.4	38	2.9		+1.3	157.6	16.00	5457.03	325.79	327.42	-1.32	340.47	337.40
		53-N	129	157.0	35	2.7		+1.3	160.8	16.32	5456.15	325.73	327.37	-1.33	340.72	337.65
		54-N	133	158.5	37	2.9		+1.4	162.7	16.52	5454.98	325.66	327.30	-1.35	340.83	337.76
		55-N	136	162.0	35	2.7		+1.4	166.0	16.85	5451.77	325.47	327.11	-1.37	340.95	337.88
		56-N	139	166.5	36	2.8		+1.4	170.6	17.32	5446.75	325.17	326.81	-1.39	341.10	338.04
"		57-N	142	167.3	36	2.8		+1.5	171.5	17.41	5445.98	325.13	326.76	-1.40	341.14	338.06
"		58-N	145	169.1	35	2.7		+1.5	173.2	17.58	5443.84	325.00	326.63	-1.42	341.16	338.08
"		59-N	149	172.0	35	2.7		+1.5	176.1	17.88	5440.24	324.78	326.41	-1.44	341.22	338.15
		60-N	152	175.5	37	2.9		+1.6	179.9	18.26	5435.43	324.97	326.13	-1.45	341.28	338.23
SENSITIVITY = 20.2	B.S. #14		157	179.8	37	2.9	-0.1	+1.6	184.2							

PAGE No. 4

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 24 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = 2.7 Elev. Corr. .0597	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-116 W		5+00 S	97	683.1	31	2.4		+0.3	685.8	69.62	4481.36	267.54	268.88	-.34	336.82	333.44
		4+00 S	101	687.0	30	2.3		+0.3	689.6	70.01	4477.34	267.30	268.64	-.36	336.95	333.57
		3+00 S	105	688.5	35	2.7		+0.4	691.6	70.21	4475.71	267.20	268.54	-.38	337.03	333.65
		2+00 S	108	689.8	30	2.3		+0.4	692.5	70.30	4475.30	267.18	268.52	-.40	337.08	333.71
		1+00 S	111	690.9	24	1.9		+0.4	693.2	70.37	4475.46	267.18	268.53	-.43	337.14	333.77
L-116 W		R.L.	114	692.0	30	2.3		+0.4	694.7	70.53	4474.87	267.15	268.49	-.43	337.25	333.87
Gravity Base 22			119	691.0	32	+2.5	0	+.4	693.9							

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 24 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = 2.7 Elev. Corr. 0.0597	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
			10:00a													
L-100W-BL.	#21		6	734.4	33	+2.6	+.0	0	737.0							
L-108W		B.L.	12	717.4	34	2.6	+.0	0	720.2	73.11				-.34 -5.06		
		1+00S	16	723.0	27	2.1	+.0	+0.1	725.1	73.61	4413.73	263.50	264.82	-.32 -5.04	336.79	333.39
		2+00S	19	726.7	33	2.6	+.	+0.1	729.3	74.04	4403.21	262.87	264.19	-.33	336.60	333.20
		3+00S	23	729.8	31	2.4	+.	+0.1	732.2	74.33	4394.71	262.36	263.68	-.34	336.40	333.00
		4+00S	27	730.7	32	2.5	+.	+0.1	733.3	74.44	4389.93	262.08	263.40	-.27	336.25	332.85
		5+00S	30	731.9	34	2.6	+.	+0.1	734.6	74.58	4384.04	261.73	263.04	-.25	336.06	332.64
		6+00S	33	734.8	29	2.2	+.	+0.1	737.2	74.84	4377.00	261.31	262.62	-.24	335.91	332.50
(0.00033613)		7+00S	36	740.3	32	2.5	+.	+0.1	742.9	75.42	4365.28	260.61	261.92	-.22	335.81	332.40
		8+00S	39	742.0	31	2.4	+.	+0.1	744.5	75.58	4359.76	260.28	261.59	-.20	335.66	332.24
		9+00S	43	740.7	24	1.9	+.	+0.2	742.8	75.41	4359.85	260.28	261.59	-.19	335.50	332.09
		10+00S	46	736.0	26	2.0	+.	+0.2	738.2	74.94	4365.77	260.64	261.95	-.17	335.41	332.00
		11+00S	49	734.9	34	2.6	+.	+0.2	737.7	74.89	4364.80	260.58	261.89	-.15	335.32	331.91
		12+00S	51	738.7	31	2.4	+.	+0.2	741.3	75.26	4357.11	260.12	261.43	-.14	335.24	331.83
L-108W		13+00S	56	744.8	25	1.9	+.	+0.2	746.9	75.83	4345.91	259.45	260.75	-.12	335.16	331.74
L-116W		12+00S	73	687.3	31	2.4	+.	+0.3	690.0	70.05	4457.10	266.09	267.43	-.23	335.91	332.53
		11+00S	77	687.5	31	2.4	+.	+0.3	690.2	70.07	4459.36	266.22	267.56	-.24	336.05	332.67
		10+00S	80	686.1	30	2.3	+.	+0.3	688.7	69.92	4464.54	266.53	267.87	-.26	336.19	332.81
		9+00S	84	682.6	30	2.3	+.	+0.3	685.2	69.56	4473.12	267.05	268.39	-.28	336.33	332.95
		8+00S	87	680.7	31	2.4	+.	+0.3	683.5	69.39	4479.27	267.41	268.76	-.29	336.51	333.13
		7+00S	90	680.4	27	2.1	+.	+0.3	682.8	69.33	4482.32	267.60	268.94	-.33	336.62	333.24
L-116W		6+00S	94	680.7	29	2.2	+.	+0.3	683.2	69.36	4484.01	267.70	269.04	-.33	336.73	333.35

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 29 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
			4:00													
GRAVITY BASE #14			0	181.8	35	+2.7	-.3	0	184.2							
L-108 W		60+00 N	13	237.5	38	2.6		+0.1	239.9	24.35	5325.13	319.51		-6.67	337.70	
		59+00 N	18	224.5	30	2.3		+0.1	226.6	23.00	5346.02	320.72		-6.05	337.72	
		58+00 N	22	212.9	32	2.5		+0.1	215.20	21.85	~~5362.22~~ 5346.84	~~337.33~~ 321.95		-6.04	337.76	337.54
		57+00 N	25	204.6	28	2.2		+0.1	206.60	20.97	5374.74	322.48		-6.02	337.44	
		56+00 N	28	186.7	32	2.5		+0.1	189.0	19.19	5389.81	323.99		-6.00	337.18	
		55+00 N	32	172.3	31	2.4		+0.2	174.60	17.73	5421.17	325.27		-5.99	337.01	
		54+00 N	35	156.5	29	2.3		+0.2	158.7	16.11	5443.26	326.60		-5.97	336.74	
(0.00076 19)		53+00 N	39	139.4	29	2.3		+0.2	141.6	14.38	5466.65	328.00		-5.95	336.42	
		52+00 N	43	126.8	32	2.5		+0.2	129.20	13.12	5482.72	328.96		-5.93	336.15	
		51+00 N	46	117.2	30	2.3		+0.2	119.4	12.12	5493.75	329.63		-5.92	335.83	
L-108 W		50+00 N	49	111.9	27	2.1		+0.2	113.9	11.57	5499.15	329.95		-5.90	335.61	
		49+00 N	52	108.1	32	2.5		+0.3	110.6	11.23	5499.96	330.44		-5.88	335.35	
		48+00 N	58	109.9	28	2.2		+0.3	112.10	11.38	5493.57	329.61		-5.87	335.12	
		47+00 N	61	118.00	26	2.0		+0.3	120.0	12.18	5479.06	328.74		-5.85	335.08	
		46+00 N	64	133.1	26	2.0		+0.3	135.1	13.72	5453.88	327.23		-5.83	335.12	
		45+00 N	68	150.2	31	2.4		+0.3	152.6	15.49	5424.09	325.45		-5.82	335.12	
		44+00 N	72	169.4	29	2.3		+0.3	171.7	17.43	5392.86	323.57		-5.80	335.20	
		43+00 N	75	185.9	30	2.3		+0.4	188.3	19.12	5359.97	321.60		-5.78	334.93	
		42+00 N	78	204.6	25	1.9		+0.4	206.6	20.97	5327.97	319.68		-5.77	334.88	
		41+00 N	82	225.9	32	2.5		+0.4	228.5	23.20	5292.41	317.54		-5.75	334.99	
L-108 W		40+00 N	86	245.8	29	2.3		+0.4	248.20	25.20	5257.69	315.46		-5.73	334.93	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # | Date July 29 | Operator L.P. | 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.	Latitude	Latitude Corr.	Bouguer Gravity	
								BASE								
L-108 W		39+00 N	90	265.0	32	2.5	-	+0.4	267.6	27.17	5021.97	313.32		-5.72	334.76	
		38+00 N	93	287.0	30	2.3		+0.4	289.7	29.38	5184.06	311.04		-5.70	334.72	
		37+00 N	97	314.6	31	2.4		+0.5	317.2	32.20	5139.02	308.34		-5.68	334.86	
		36+00 N	102	344.3	25	1.9		+0.5	346.7	35.17	5089.12	305.35		-5.67	334.84	
		35+00 N	106	367.8	25	1.9		+0.5	369.9	37.55	5051.70	303.11		-5.65	335.01	
		34+00 N	111	388.6	35	2.7		+0.5	391.5	39.75	5016.81	301.01		-5.63	335.12	
		33									4971.97			-5.62		
L-108 W		32+00 N	118	437.5	29	2.3		+0.6	440.1	44.68	4939.47	296.37		-5.60	335.45	
		31+00 N	122	455.4	32	2.5		+0.6	458.20	46.52	4911.92	294.72		-5.58	335.62	
		30+00 N	126	465.6	33	2.6		+0.6	468.5	47.52	~~4882.48~~	~~293.85~~ 291.94		-5.56	~~333.94~~	335.85
		29+00 N	129	476.7	27	2.1		+0.6	479.1	48.64	4881.07	292.86		-5.55	335.95	
		28+00 N	133	482.3	30	2.3		+0.6	484.9	49.23	4869.64	292.18		-5.53	335.88	
		27+00 N	137	492.5	25	1.9		+0.7	494.8	50.23	4852.48	291.15		-5.51	335.87	
		26+00 N	140	502.1	26	2.0		+0.7	504.5	51.22	4835.94	290.16		-5.50	335.87	
		25+00 N	143	505.2	29	2.2		+0.7	507.8	51.52	4828.59	289.72		-5.48	335.79	
GRAVITY BASE #2			147	505.1	31	+2.4	-.3	+.7	507.9							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 23 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ=2.7 Elev. Corr. .0597	Latitude	Latitude Corr.	ρ= Bouguer Gravity	
			6:30													
L-108W, 25N	Base #2		0	507.0	32	+2.5	-1.6	0	507.9							
L-108W		25N	8	506.9	33	+2.6	-1.6	0	507.9	51.46	4828.59	288.27	289.72	-.77	338.96	335.70
		24	13	517.7	33	+2.6	-1.6	-.1	518.5	52.65	4809.69	287.14	288.58	-.75	339.04	335.77
		23	17	537.8	30	+2.3	-1.6	-.1	538.3	54.65	4778.43	285.27	286.71	-.73	339.19	335.91
		22	20	550.7	23	+1.8	-1.6	-.1	550.8	55.92	4756.67	283.97	285.40	-.72	339.17	335.89
(0.0058833)		21	24	561.6	32	+2.5	-1.6	-.1	562.4	57.09	4737.70	282.84	284.26	-.71	339.23	335.93
		20	29	575.6	31	+2.4	-1.6	-.2	576.2	58.50	4714.15	281.43	282.85	-.68	339.25	335.95
		19	33	585.3	32	+2.5	-1.6	-.2	586.0	59.49	4696.84	280.40	281.81	-.66	339.23	335.92
		18N	37	595.0	31	+2.4	-1.6	-.2	595.6	60.47	4678.70	279.32	280.72	-.65	339.14	335.84
L-108W		17	40	606.4	31	+2.4	-1.6	-.2	607.0	61.62	4658.95	278.14	279.54	-.63	339.17	335.81
		16N	45	618.0	32	+2.5	-1.6	-.2	618.7	62.81	4639.59	276.98	278.38	-.63	339.18	335.86
		15N	50	629.9	34	+2.6	-1.6	-.3	630.6	64.02	4618.77	275.74	277.13	-.61	339.16	335.84
		14N	54	641.0	30	+2.3	-1.6	-.3	641.4	65.12	4598.66	274.54	275.92	-.58	339.08	335.74
		13N	58	647.5	35	+2.7	-1.6	-.3	648.3	65.82	4585.40	273.75	275.12	-.56	339.01	335.66
		12N	61	654.7	28	+2.7	-1.6	-.3	655.4	66.54	4571.63	272.93	274.30	-.54	338.93	335.58
		11N	65	662	30	+2.3	-1.6	-.4	662.3	67.24	4555.21	271.95	273.31	-.53	338.66	335.30
L-108W		10N	70	666.0	32	+2.5	-1.6	-.4	666.5	67.66	4545.55	271.37	272.73	-.51	338.52	335.16
		9N	74	672.8	32	+2.5	-1.6	-.4	673.3	68.33	4531.63	270.54	271.90	-.49	338.38	335.02
		8N	78	676.3	34	+2.6	-1.6	-.5	676.7	68.70	4522.45	269.97	271.33	-.48	338.10	334.84
		7N	81	682.0	29	+2.2	-1.6	-.5	682.1	69.25	4510.63	269.28	270.64	-.46	338.07	334.71
		6N	84	689.2	26	+2.0	-1.6	-.5	689.1	69.96	4496.33	268.43	269.78	-.44	337.95	334.58
		5N	88	694.4	32	+2.5	-1.6	-.5	694.8	70.54	4483.68	267.68	269.02	-.43	337.79	334.42
L-108W		4N	92	699.7	32	+2.5	-1.6	-.5	700.1	71.07	4472.19	266.99	268.33	-.43	337.65	334.27
		3N	96	704.2	29	+2.2	-1.6	-.6	704.2	71.50	4461.83	266.31	267.71	-.39	337.48	334.10

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 23 OPERATOR L. P. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ=2.7 Elev. Corr. .0597	Latitude	Latitude Corr.	ρ= Bouguer Gravity	
							-1.6									
L-108 W		2 N	100	709.5	33	+2.6	-1.6	-.6	709.9	72.07	4449.66	265.64	266.98	-5.09	337.34	333.96
		1 N	104	713.9	35	+2.7	-1.6	-.6	714.4	72.53	4438.50	264.98	266.31	-5.08	337.15	333.76
		B. L.	108	719.4	35	+2.7	-1.6	-.6	719.9	73.07	4426.51	264.26	265.59	-5.04	336.99	333.60
L-100 W B.L.	BASE #21		120	736.6	35	+2.7	-1.6	-.7	737.0							
SENSITIVITY 4 Levels OKAY.			(18.0)													
			9:00													
L-100 W B.L.	BASE #21		0	736.5	35	+2.7	-2.2	0	737.0				-2.6			
		52+00 S	45	775.7	28	+2.2	-2.2	-.1	775.7	78.75	4260.98	254.38	255.66	+4.10 +.63	333.76	330.31
		51+00 S	58	776.8	37	+2.9	-2.2	-.1	777.4	78.92	4259.38	254.28	255.56	+4.10 +.61	333.81	330.37
		50 S	62	776.7	32	+2.5	-2.2	-.2	776.8	78.86	4261.09	254.39	255.67	+4.13 +.59	333.84	330.40
		49 S	67	773.0	35	+2.7	-2.2	-.2	773.3	78.51	4266.57	254.71	255.99	+4.18 +.58	333.80	330.35
		48 S	70	769.0	28	+2.2	-2.2	-.2	768.8	78.05	4274.26	255.17	256.46	+4.16 +.56	333.78	330.35
		47 S	74	761.6	32	+2.5	-2.2	-.2	761.7	77.33	4287.52	255.97	257.25	+4.14 +.54	333.84	330.40
L-100 W B.L.		46 S	78	759.7	31	+2.4	-2.2	-.2	759.7	77.13	4291.53	256.20	257.49	+4.20 +.52	333.85	330.42
		45 S	82	759.0	32	+2.5	-2.2	-.2	759.1	77.06	4292.76	256.28	257.57	+4.21 +.51	333.85	330.42
		44 S	86	756.9	32	+2.5	-2.2	-.2	757.0	76.85	4296.93	256.53	257.82	+4.23 +.49	333.87	330.44
		43 S	98	754.7	34	+2.6	-2.2	-.2	754.9	76.64	4300.99	256.77	258.06	+4.27 +.47	333.88	330.45
		42 S	102	752.3	37	+2.7	-2.2	-.3	752.5	76.39	4304.93	257.00	258.30	+4.26 +.46	333.85	330.43
		41 S	106	749.3	33	+2.7	-2.2	-.3	749.5	76.09	4310.57	257.34	258.63	+4.24 +.44	333.87	330.44
		40 S	116	746.6	33	+2.7	-2.2	-.3	746.8	75.82	4314.86	257.60	258.89	+4.30 +.42	333.84	330.41
		39 S	114	744.8	32	+2.5	-2.2	-.3	744.8	75.61	4317.96	257.78	259.08	+4.31 +.41	333.80	330.38
		38 S	117	743.7	32	+2.5	-2.2	-.3	743.7	75.50	4319.96	257.90	259.20	+4.33 +.39	333.70	330.37
L-100 W		37 S	120	742.7	31	+2.4	-2.2	-.3	742.6	75.39	4321.68	258.00		+4.33 +.37	333.76	330.34
L-100 W B.L.	BASE #21		163	737.0	33	+2.6	-2.2	-0.4	737.0							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 24 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ=2.7 Elev. Corr. 0.0597	Latitude	Latitude Corr.	ρ=2.7 Bouguer Gravity	
L-100W B.L.	Base #21		0	734.2	33	+2.6	+.2	0	737.0							
L-100W		36+00S	35	739.3	33	2.6	+.2	0	742.1	75.34	4323.06	258.09	250.38	-4.36 +.35	333.78	330.36
		35	38	739.9	30	2.3	+.1	0	742.4	75.37	4321.82	258.01	250.31	-4.38 +.34	333.72	330.30
		34	41	740.7	32	2.5	+.1	-0.1	743.3	75.46	4319.15	257.85	250.15	-4.40 +.32	333.63	330.21
		33	44	746.5	28	2.2	+.1	-0.1	748.8	76.02	4311.02	257.37	258.66	-4.41 +.30	333.69	330.27
		32	48	753.0	28	2.2	+.1	-0.1	755.3	76.68	4299.88	256.70	257.99	-4.43 +.29	333.67	330.24
		31	51	761.2	30	2.3	+.1	-0.1	763.6	77.52	4286.06	255.88	257.16	-4.44 +.28	333.67	330.23
		30S	54	770.3	21	1.6	+.1	-0.1	772.0	78.37	4272.02	255.04	256.32	-4.47 +.25	333.66	330.22
		29S	57	775.3	29	2.2	+.1	-0.1	777.6	78.94	4263.37	254.52	255.80	-4.48 +.24	333.69	330.26
(0.00114428)		28S	60	778.4	27	2.1	+.1	-0.1	780.6	79.25	4258.81	254.25	255.53	-4.50 +.22	333.72	330.28
		27S	63	783.2	28	2.2	+.1	-0.1	785.5	79.74	4250.26	253.74	255.02	-4.52 +.20	333.68	330.24
		26S	66	789.4	23	1.8	+.1	-0.1	791.3	80.33	4239.47	253.10	254.37	-4.53 +.19	333.61	330.17
		25S	70	800.2	32	2.5	+.1	-0.1	802.8	81.50	4219.76	251.92	253.19	-4.55 +.17	333.59	330.14
		24S	74	811.2	32	2.5	+.1	-0.1	813.9	82.62	4201.65	250.84	252.10	-4.57 +.15	333.61	330.15
		23S	79	815.1	28	2.2	+.1	-0.1	817.4	82.98	4195.97	250.50	251.76	-4.58 +0.13	333.61	330.16
		22S	82	818.1	22	1.7	+.1	-0.1	819.9	83.24	4191.59	250.24	251.50	-4.60 +0.12	333.60	330.14
		21S	86	818.8	28	2.2	+.1	-0.1	821.1	83.36	4191.73	250.25	251.50	-4.62 +0.10	333.71	330.24
Vib. b. stream		20S	92	817.2	35	2.7	+.1	-0.1	820.0	83.25	4194.84	250.43	251.69	-4.63 +0.08	333.71	330.31
		19S	95	817.8	32	2.5	+.1	-0.1	820.4	83.29	4195.45	250.47	251.73	-4.65 +0.06	333.82	330.37
		18S	100	816.0	30	2.3	+.1	-0.1	818.4	83.08	4200.05	250.74	252.00	-4.67 +0.05	333.87	330.41
		17S	103	811.4	29	2.2	+.1	-0.1	813.7	82.60	4210.57	251.37	252.63	-4.68 +0.03	334.02	330.55
		16S	109	796.1	28	2.2	+.1	-0.1	798.4	81.02	4239.93	253.12	254.40	-4.70 +0.01	334.15	330.72
		15S	112	792.8	28	2.2	+.1	-0.1	795.1	80.72	4247.15	253.56	254.83	-4.71 0.00	334.28	330.84
L-100W		14S	118	793.5	28	2.2	+.1	-0.1	795.8	80.79	4250.42	253.75	255.03	-4.72 +0.01 -4.73	334.52	331.09

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 24 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = 2.7 Elev. Corr. 0.0597	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
L-100W		13+00S	120	792.7	31	2.4	"	-0.1	795.2	80.73	4253.17	253.91	255.10	-0.04	334.60	331.17
		12+00S	124	788.5	34	2.6	"	-0.1	791.2	80.32	4263.09	254.51	255.79	-0.06	334.77	331.34
		11+00S	128	784.2	28	2.2	"	-0.2	786.4	79.84	4273.00	255.10	256.38	-0.07	334.87	331.44
		10+00S	132	778.6	33	2.6	"	-0.2	781.2	79.31	4284.02	255.76	257.04	-0.09	334.98	331.65
		9+00S	136	771.8	30	2.3	"	-0.2	774.2	78.59	4298.79	256.64	257.93	-0.10	335.12	331.70
		8+00S	140	765.7	28	2.2	"	-0.2	767.9	77.96	4311.91	257.42	258.71	-0.12	335.26	331.71
		7+00S	144	767.6	26	2.0	"	-0.2	769.6	78.13	4311.58	257.40	258.69	-0.14	335.39	331.97
		6+00S	148	765.0	30	2.3	"	-0.2	767.3	77.90	4317.32	257.74	259.04	-0.16	335.48	332.07
		5+00S	152	760.7	29	2.2	"	-0.2	762.9	77.45	4327.33	258.34	259.64	-0.17	335.62	332.20
		4+00S	156	752.7	22	1.7	"	-0.2	754.4	76.59	4343.84	259.33	260.63	-0.19	335.73	332.32
		3+00S	160	745.5	29	2.2	"	-0.2	747.4	75.88	4359.49	260.26	261.57	-0.21	335.93	332.53
		2+00S	164	743.0	28	2.2	"	-0.2	745.2	75.65	4368.93	260.83	262.14	-0.23	336.25	332.85
SENS. (19.9)		1+00S	168	738.2	32	2.5	"	-0.2	740.7	75.20	4380.86	261.54	262.85	-0.25	336.50	333.10
L-100W		B.L.	172	733.1	33	2.6	"	-0.2	735.7	74.69	4392.74	262.25	263.56	-0.26	336.68	333.28
L-100W B.L.	# 21		175	734.4	33	+2.6	+0.2	-0.2	737.0							

PAGE No. [redacted]

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 22, 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.	ρ=2.7 Elev. Corr.	Lati-tude	Latitude Corr.	ρ= Bouguer Gravity	
L-100W	B.S.#21		0	735.0	36	2.8	-0.8	0	737.0			.0597				
SENSITIVITY 17.2	BL-0	0+00	4	733.3	40	3.1		0	735.6	74.68	4392.74	262.24	263.56	-4.97	336.00	333.27
		1-N	8	728.5	35	2.7		0	730.4	74.15	4405.33	263.00	264.32	-4.99	336.87	333.48
		2-N	12	723.2	34	2.6		0	725.0	73.60	4417.99	263.75	265.08	-5.00	337.06	333.68
		3-N	15	718.0	39	3.0		-0.1	720.1	73.10	4430.38	264.49	265.82	-5.02	337.28	333.90
		4-N	18	712.0	37	2.9		-0.1	714.0	72.49	4443.61	265.28	266.62	-5.04	337.44	334.07
		5-N	22	707.3	37	2.9		-0.1	709.3	72.02	4454.21	265.92	267.25	-5.05	337.59	334.22
		6-N	26	701.8	36	2.8		-0.1	703.7	71.44	4465.71	266.60	267.94	-5.07	337.68	334.31
		7-N	30	695.7	38	2.9		-0.1	697.7	70.83	4478.80	267.38	268.73	-5.09	337.83	334.47
		8-N	34	689.7	35	2.7		-0.1	691.5	70.20	4492.48	268.20	269.55	-5.10	338.00	334.65
		9-N	38	683.5	37	2.9		-0.1	685.5	69.59	4506.27	269.02	270.38	-5.12	338.20	334.85
		10-N	42	676.9	34	2.6		-0.1	678.6	68.89	4521.21	269.92	271.27	-5.14	338.38	335.02
		11-N	46	673.2	36	2.8		-0.2	675.0	68.53	4530.98	270.50	271.86	-5.16	338.52	335.23
		12-N	50	667.4	37	2.9		-0.2	669.3	67.94	4543.13	271.23	272.59	-5.17	338.71	335.36
(0.00334188)		13-N	54	657.2	37	2.9		-0.2	659.1	66.91	4562.13	272.36	273.73	-5.19	338.70	335.45
		14-N	58	646.8	38	2.9		-0.2	648.7	65.86	4581.22	273.50	274.87	-5.21	338.86	335.52
		15-N	61	640.6	37	2.9		-0.2	641.9	65.17	4594.67	274.30	275.68	-5.22	338.95	335.63
		16-N	65	630.8	36	2.6		-0.2	632.4	64.20	4610.84	275.27	276.65	-5.24	338.94	335.61
		17-N	69	620.9	35	2.7		-0.2	622.6	63.21	4626.89	276.23	277.61	-5.26	338.80	335.56
		18-N	72	611.3	36	2.8		-0.3	613.0	62.23	4643.01	277.19	278.58	-5.27	338.85	335.54
		19-N	76	592.7	35	2.7		-0.3	594.3	60.33	4673.60	279.01	280.42	-5.29	338.76	335.46
		20-N	80	578.4	36	2.8		-0.3	580.7	58.89	4700.38	280.61	282.02	-5.31	338.90	335.60
		21-N	84	563.5	34	2.6		-0.3	565.0	57.36	4726.59	282.18	283.60	-5.32	338.92	335.64
		22-N	87	549.1	35	2.7		-0.3	550.7	55.91	4751.02	283.64	285.06	-5.34	338.91	335.63
		23-N	90	535.5	37	2.9		-0.3	537.3	54.55	4774.03	285.01	286.44	-5.36	338.91	335.63

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 22, 76 OPERATOR CHAN INSTRUMENT INSTR. CONSTANT .10132 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ=2.7 Elev. Corr.	Latitude	Latitude Corr.	ρ= Bouguer Gravity	
L-100W		24-N	94	525.2	32	2.5		-0.3	526.6	53.46	4781.82	286.07	287.51	-5.37	338.86	335.60
		25-N	98	515.8	37	2.9		-0.3	517.6	52.54	4807.74	287.02	288.46	-5.39	338.87	335.61
	B.S.#2		117	506.6	32	2.5	-0.8	-0.4	507.9							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 29, 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.	ρ = 2.7 Elev. Corr. .0597	ρ=2.7 Latitude 0.06	~ Latitude Corr.	ρ = Bouguer Gravity	
	BS #1		0	564.5	31	2.4	+.7	0	567.6							
L-100W		25-N	14	515.3	36	2.9		0	518.9	52.68	4807.61	287.01	288.46	-5.39 -.69	339.0	335.75
		26-N	18	494.6	35	2.7		-0.1	497.9	50.55	4840.62	288.99	290.44	-5.41 -.70	338.84	335.58
		27-N	22	488.5	35	2.7		-0.2	491.7	49.92	4853.22	289.74	291.19	-5.42 -.72	338.94	335.60
		28-N	26	480.8	35	2.7		-0.2	484.0	49.14	4867.36	290.58	292.04	-5.44 -.74	338.98	335.74
		29-N	30	469.6	34	2.6		-0.2	472.7	47.99	4885.17	291.65	293.11	-5.45 -.75	338.89	335.64
		30-N	34	456.3	30	2.3		-0.3	459.0	46.60	4905.56	292.86	294.33	-5.47 -.77	338.69	335.46
		31-N	37	431.6	32	2.5		-0.3	434.5	44.11	4943.08	295.10	296.58	-5.49 -.79	338.42	335.20
		32-N	41	409.2	30	2.3		-0.3	411.9	41.82	4979.76	297.29	298.79	-5.51 -.81	338.30	335.10
		33-N	45	381.4	35	2.7		-0.3	384.5	39.03	5023.53	299.91	301.41	-5.53 -.82	338.12	334.91
(10.00 75')		34-N	49	354.8	34	2.6		-0.4	357.7	36.31	5067.99	302.56	304.08	-5.55 -.84	338.03	334.85
		35-N	53	331.5	33	2.6		-0.4	334.4	33.95	5107.19	304.90	306.43	-5.56 -.86	337.99	334.82
		36-N	58	304.0	33	2.6		-0.4	306.9	31.16	5152.30	307.59	309.14	-5.58 -.87	337.88	334.72
		37-N	62	281.7	35	2.7		-0.5	284.6	28.89	5190.59	309.88	311.44	-5.59 -.89	337.88	334.74
		38-N	66	266.4	34	2.6		-0.5	269.2	27.33	5217.68	311.50	313.06	-5.61 -.91	337.92	334.78
		39-N	71	252.8	35	2.7		-0.5	256.7	26.06	5242.17	312.96	314.53	-5.63 -.93	338.09	334.96
		40-N	75	231.7	33	2.6		-0.6	234.4	23.80	5279.50	315.19	316.77	-5.64 -.94	338.05	334.93
		41-N	79	207.4	33	2.6		-0.6	210.1	21.33	5318.96	317.54	319.14	-5.66 -.96	337.91	334.81
		42-N	83	188.6	32	2.5		-0.6	191.2	19.41	5352.04	319.52	321.12	-5.68 -.98	337.95	334.85
		43-N	88	169.7	32	2.5		-0.7	172.2	17.48	5384.42	321.45	323.07	-5.69 -.99	337.94	334.86
		44-N	92	153.0	34	2.6		-0.7	155.6	15.80	5413.61	323.19	324.82	-5.71 -1.01	337.98	334.91
		45-N	96	138.0	29	2.2		-0.7	140.2	14.23 14.07	5438.92	324.70	326.34	-5.73 -1.03	337.68	334.62 ~~334.84~~
		46-N	100	124.3	35	2.7		-0.8	~~126.9~~ 124.3	~~12.88~~ 12.61	5462.05	326.08	327.72	-5.74 -1.04	337.65	~~334.59~~ ~~334.81~~
		47-N	104	120.0	36	2.9		-0.8	122.8	12.47	5470.95	326.62	328.26	-5.76 -1.06	338.03	334.97
		48-N	108	122.3	35	2.7		-0.8	124.9	12.68	5469.83	326.55	328.19	-5.78 -1.08	338.15	~~334.90~~

335.09.

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 29, 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.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	ρ = 2.7 0.06
L-100N		49-N	112	129.7	37	2.9		-0.8	132.5	13.45	+460.48	325.99	327.63	-5.79 -1.10	338.34	335.29
		50-N	116	142.4	36	2.8		-0.9	145.0	14.72	+442.81	324.94	326.57	-5.80 -1.11	338.56	335.48
		51-N	120	163.1	32	2.5		-0.9	165.4	16.79	+414.18	323.23	324.85	-5.83 -1.13	338.89	335.81
		52-N	124	196.8	30	2.3		-0.9	198.9	20.19	+365.46	320.22	321.93	-5.84 -1.15	339.36	336.28
		53-N	128	228.0	34	2.6		-1.0	230.3	23.38	+322.07	317.73	319.32	-5.86 -1.16	339.54	336.84
		54-N	132	249.2	35	2.7		-1.0	251.6	25.54	+292.45	315.96	317.55	-5.88 -1.18	340.32	337.21
		55-N	135	262.3	37	2.9		-1.0	264.9	26.89	+273.39	314.82	316.40	-5.90 -1.20	340.51	337.39
		56-N	139	279.7	37	2.9		-1.0	282.3	28.66	+249.65	313.40	314.98	-5.91 -1.22	340.84	337.73
		57-N	142	289.8	30	2.3		-1.1	291.7	29.61	+236.06	312.47	314.04	-5.93 -1.23	340.85	337.72
		58-N	146	303.9	36	2.8		-1.1	306.3	31.10	+212.50	311.19	312.75	-5.95 -1.25	341.04	337.90
		59-N	150	315.7	34	2.6		-1.1	317.9	32.27	+193.72	310.07	311.62	-5.97 -1.27	341.07	337.93
		60-N	154	335.6	32	2.5		-1.2	337.6	34.27	+164.15	308.42	309.85	-5.96 -1.28	341.41	338.14
SENSITIVITY 21.5	B.S.#13		160	337.4	32	2.5	+.7	-1.2	339.4							
											Subtract -2.01				Subtract -.12	
	B.S.#13		0	337.9	32	2.5	-1.0	0	339.4							use this
L-100N		61-N	3	348.2	37	2.9		0	350.1	35.54	+145.95	308.71		-6.00 -1.30	338.30	338.18
		62-N	7	360.7	37	2.9		0	362.6	36.81	+126.48	307.59		-6.01 -1.31	338.39	338.27
		63-N	11	370.0	37	2.9		0	371.9	37.76	+111.57	306.69		-6.03 -1.33	338.42	338.30
		64-N	15	373.9	38	2.9		-0.1	375.7	38.14	+105.44	306.33		-6.03 -1.33	338.42	338.30
		65-N	19	379.0	36	2.8		-0.1	380.7	38.65	+098.26	305.90		-6.04 -1.34	338.49	338.37
(0.00341188)		66-N	23	381.3	35	2.7		-0.1	382.9	38.87	+093.69	305.62		-6.04	338.41	338.29
		67-N	27	382.5	35	2.7		-0.1	384.1	38.99	+090.91	305.45		-6.06	338.34	338.22
		68-N	31	384.1	35	2.7		-0.1	385.7	39.16	+086.94	305.22		-6.11	338.27	338.15
		69-N	35	392.5	35	2.7		-0.1	394.1	40.01	+074.24	304.45		-6.13	338.33	338.21
		70-N	39	396.4	37	2.9		-0.1	398.2	40.43	+067.88	304.07		-6.15	338.31	338.23

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 29, 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. -2.01 ft.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	Use ↓ Use
L-100W		71-N	42	410.3	36	2.8		-0.1	412.0	41.83	5046.29	302.78		-6.16	338.45	338.33
		72-N	46	411.7	37	2.9		-0.2	413.4	41.97	5044.79	302.69		-6.18	338.48	338.36
		73-N	50	416.1	37	2.9		-0.2	417.8	42.42	5038.58			-6.20	338.53	338.41
		74-N	54	417.8	37	2.9		-0.2	419.5	42.59	5036.50			-6.21	338.57	338.45
		75-N	59	423.2	39	3.0		-0.2	425.0	43.15	5028.64			-6.23	338.64	338.52
		76-N	63	428.2	36	2.8		-0.2	429.8	43.63	5022.03			-6.25	338.70	338.58
		77-N	67	427.0	40	3.1		-0.2	428.9	43.54	5023.84			-6.26	338.71	338.59
		78-N	71	424.0	39	3.0		-0.2	425.8	43.23	5028.77	301.73		-6.30	338.66	338.54
		79-N	75	430.7	36	2.8		-0.3	432.2	43.88	5018.36			-6.34	338.66	338.54
		80-N	79	433.9	36	2.8		-0.3	435.4	44.20	5014.86			-6.33	338.76	338.64
		81-N	83	433.5	34	2.6		-0.3	434.8	44.01	5017.62	301.66		-6.35	338.72	338.60
		82-N	87	434.5	36	2.8		-0.3	436.0	44.11	5018.54	301.11		-6.37	338.85	338.73
		83-N	91	426.0	38	2.9		-0.3	427.6	43.25	5033.72	302.02		-6.38	338.89	338.77
		84-N	95	423.7	36	2.8		-0.3	425.2	43.17	5041.67	302.50		-6.40	339.27	339.15
SENSITIVITY 18.4	B.S. #13		117	338.2	33	2.6	-1.0	-0.4	339.4							

correct reading is 2.01 ft less.

PAGE. No. 1.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE AUG 11, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	85.23		0	532.8	36	2.8	+1.0	0	536.6							
L-132W		25-N	12	534.9	40	3.1		+0.1	539.0	54.73	4791.27	287.48		-5.75	336.46	
		24-N	16	543.6	38	2.9		+0.0	547.5	55.59	4777.77	286.67		-5.73	336.53	
		23-N	20	552.3	37	2.9		+0.1	556.3	56.48	4764.04	285.84		-5.72	336.60	
		22-N	24	558.2	41	3.2		+0.1	562.5	57.11	4752.28	285.14		-5.70	336.54	
		21-N	27	565.2	40	3.1		+0.1	569.4	57.81	4740.09	284.41		-5.69	336.53	
		20-N	31	572.7	42	3.2		+0.1	577.0	58.58	4726.37	283.58		-5.67	336.49	
		19-N	34	580.5	36	2.8		+0.1	584.4	59.34	4712.59	282.76		-5.65	336.44	
		18-N	38	588.0	38	2.9		+0.1	592.0	60.11	4699.27	281.96		-5.63	336.44	
		17-N	42	594.7	40	3.1		+0.1	598.9	60.81	4686.33	281.18		-5.62	336.37	
(0.002639)		16-N	46	600.8	40	3.1		+0.1	604.5	61.38	4675.94	280.56		-5.60	336.34	
		15-N	49	606.3	42	3.2		+0.1	610.6	62.00	4664.50	279.87		-5.58	336.29	
		14-N	53	611.5	39	3.0		+0.1	615.6	62.51	4655.02	279.36		-5.57	336.30	
		13-N	56	616.5	44	3.4		+0.1	621.0	63.05	4644.94	278.76		-5.55	336.20	
		12-N	60	620.4	35	2.7		+0.2	624.3	63.39	4637.60	278.26		-5.53	336.14	
		11-N	64	622.7	41	3.2		+0.2	627.1	63.67	4631.72	277.90		-5.52	336.06	
		10-N	68	626.0	42	3.2		+0.2	630.4	64.01	4624.87	277.49		-5.50	336.00	
		9-N	71	627.2	40	3.1		+0.2	631.5	64.12	4610.98	277.20		-5.48	335.84	
		8-N	75	628.5	41	3.2		+0.2	632.9	64.26	4618.48	277.11		-5.46	335.91	
		7-N	79	625.2	37	2.9		+0.2	629.3	63.90	4625.65	277.54		-5.45	335.99	
		6-N	83	617.5	39	3.0		+0.2	621.7	63.13	4636.99	278.22		-5.43	335.92	
		5-N	87	611.0	43	3.3		+0.2	615.5	62.51	4648.58	278.91		-5.41	336.01	
		4-N	91	598.5	42	3.2		+0.2	602.9	61.23	4667.47	280.05		-5.40	335.87	
		3-N	95	589.0	40	3.1		+0.2	593.3	60.25	4682.63	280.96		-5.38	335.83	
		2-N	99	576.2	43	3.3		+0.2	580.7	58.97	4701.54	282.09		-5.36	335.71	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE AUG 11, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity
L-132W		1-N	103	565.1	42	3.2	+1.0	+0.3	569.6	57.83	4718.61	283.12		-5.35	335.60
		BL-0	107	551.2	40	3.1		+0.3	558.6	56.42	4740.08	284.40		-5.33	335.50
		1-S	110	537.8	40	3.1		+0.3	542.2	55.06	4760.21	285.61		-5.31	335.37
		2-S	113	520.1	38	2.9		+0.3	524.3	53.25	4787.97	287.28		-5.30	335.23
		3-S	117	502.6	35	2.7		+0.3	506.6	51.45	4812.48	288.75		-5.28	334.92
		4-S	120	481.5	40	3.1		+0.3	485.9	49.35	4843.62	290.62		-5.26	334.71
		5-S	124	460.7	40	3.1		+0.3	465.1	47.24	4875.12	292.51		-5.25	334.49
		6-S	128	441.3	39	3.0		+0.3	445.6	45.27	4902.93	294.18		-5.23	334.21
		7-S	132	424.9	41	3.2		+0.3	429.4	43.62	4925.36	295.52		-5.21	333.93
		8-S	135	407.5	41	3.2		+0.3	412.0	41.86	4948.73	296.92		-5.20	333.58
		9-S	138	395.2	38	2.9		+0.3	399.4	40.58	4964.25	297.86		-5.18	333.25
		10-S	142	389.0	40	3.1		+0.3	393.4	39.97	4970.64	298.24		-5.16	333.05
~~L-132W~~	~~BS #24~~	~~(BL-0)~~	~~152~~	~~553.3~~	~~33~~										
L-124W	BS #25	(BL-0)	164	616.7	34	2.6	+1.0	+0.7	621.0						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 11, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S.#22		0	690.5	31	2.4	+0.8	0	693.7	70.4~						
BL-0		L-116W	3	690.7	31	2.4		0	693.9	70.44				-5.15		
		L-118W	8	681.3	36	2.8		+1 0	685.0	69.54						
		L-120W	13	660.5	35	2.7		+1 -0.1	664.1	67.4~						
		L-122W	18	642.2	35	2.7		+2 -0.1	645.9	65.57						
INTER		L-124W	22	616.2	35	2.7		+2 -0.1	619.9	62.93	4618.58	277.11		-5.24	334.81	
L-124W		1-S	26	605.7	39	3.0		+2 -0.1	609.7	61.90	4583.04	278.04		-5.26	334.67	
		2-S	29	592.4	36	2.8		+3 -0.1	596.3	60.54	4534.23	279.25		-5.27	334.52	
		3-S	33	578.2	35	2.7		+3 -0.2	582.0	59.08	4474.70	280.48		-5.29	334.28	
		4-S	37	569.5	37	2.9		+3 -0.2	573.5	58.22	4687.50	281.25		-5.31	334.16	
(-0.00478)		5-S	40	561.8	43	3.3		+3 -0.2	566.2	57.48	4695.07	281.70		-5.32	333.86	
		6-S	43	560.5	36	2.8		+4 -0.2	564.5	57.31	4694.11	281.69		-5.34	333.65	
		7-S	48	560.5	35	2.7		+4 -0.2	564.4	57.30	4690.38	281.42		-5.36	333.36	
		8-S	52	564.2	36	2.8		+4 -0.3	568.2	57.69	4681.04	280.86		-5.37	333.18	
		9-S	56	565.8	38	2.9		+5 -0.3	570.0	57.87	4674.98	280.50		-5.39	332.98	
		10-S	60	573.1	40	3.1		+5 -0.3	577.5	58.62	4660.14	279.61		-5.41	332.83	
		11-S	65	578.8	34	2.6		+6 -0.3	582.8	59.17	4649.74	278.98		-5.43	332.72	
		12-S	69	586.8	34	2.6		+6 -0.3	590.8	59.98	4631.57	277.88		-5.44	332.42	
	B.S.#25		82	616.9	34	2.6	+0.8	+0.7	621.0							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 12, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity
L-124W	B.S. #25		0	621.4	34	2.6	-3.0	0	621.0						
		BL-0	3	620.0	34	2.6		0	619.3	62.87	4618.58	277.11		-5.24	334.73
		1-N	6	624.7	38	2.9		0	624.3	63.38	4612.05	276.72		-5.26	334.84
		2-N	10	627.7	42	3.2		-0.1 0	627.8	63.73	4607.79	276.47		-5.27	334.93
		3-N	13	633.0	35	2.7		-0.1 0	632.6	64.22	4601.31	276.08		-5.29	335.01
		4-N	17	637.7	40	3.1		-0.1 -0.1	637.7	64.74	4593.39	275.60		-5.31	335.03
		5-N	20	644.6	40	3.1		-0.1 -0.1	644.6	65.44	4582.70	274.97		-5.32	335.09
		6-N	23	657.8	35	2.7		-0.2 -0.1	657.2	66.72	4561.80	273.71		-5.34	335.09
		7-N	27	646.3	42	3.2		-0.2 -0.1	646.3	65.61	4582.42	274.95		-5.36	335.20
		8-N	31	644.2	41	3.2		-0.2 -0.1	644.2	65.40	4587.85	275.27		-5.37	335.30
10.0031 (9W)		9-N	34	641.2	39	3.0		-0.2 -0.1	641.0	65.07	4594.42	275.67		-5.39	335.35
		10-N	37	638.3	35	2.7		-0.2 -0.1	637.7	64.74	4601.99	276.12		-5.41	335.45
		11-N	41	631.9	38	2.9		-0.3 -0.1	631.5	64.11	4615.33	276.92		-5.43	335.60
		12-N	45	625.4	35	2.7		-0.3 -0.1	624.8	63.43	4629.95	277.80		-5.44	335.79
		13-N	49	621.0	36	2.8		-0.3 -0.2	620.5	62.99	4640.02	278.40		-5.46	335.93
		14-N	53	613.5	37	2.9		-0.3 -0.2	613.1	62.24	4654.02	279.24		-5.48	336.00
		15-N	57	603.8	38	2.9		-0.4 -0.2	603.1	61.23	4671.93	280.32		-5.49	336.05
		16-N	60	595.2	40	3.1		-0.4 -0.2	594.9	60.39	4688.19	281.29		-5.51	336.18
		17-N	64	588.9	37	2.9		-0.4 -0.2	588.4	59.73	4701.99	282.12		-5.53	336.32
		18-N	67	581.8	36	2.8		-0.4 -0.2	581.2	59.00	4715.90	282.95		-5.54	336.42
		19-N	70	576.1	36	2.8		-0.5 -0.2	575.4	58.41	4725.96	283.56		-5.55	336.41
		20-N	74	570.3	37	2.9		-0.5 -0.2	569.7	57.84	4736.32	284.18		-5.58	336.44
		21-N	77	563.5	40	3.1		-0.5 -0.3	562.6	57.11	4747.65	284.86		-5.59	336.38
		22-N	80	556.8	39	3.0		-0.5 -0.3	556.3	56.48	4760.35	285.62		-5.61	336.49
		23-N	84	548.5	39	3.0		-0.5 -0.3	548.0	55.63	4774.62	286.48		-5.63	336.48

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 12, 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.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
L-124W		24-N	88	543.0	34	2.6		-.6 ~~-0.3~~	542.0 ~~540.0~~	55.02 ~~54.82~~	4785.38	287.12		-5.64	~~336.30~~	* 336.50
		25-N	92	537.3	40	3.1		-.6 ~~-0.3~~	536.8	54.56	4793.24	287.59		-5.66	336.43	
	B.S. #23		94	537.5	35	2.7	-3.0	-0.6	536.6							
	B.S. #23		0	537.7	35	2.7	-3.8	0	536.6							
		26-N	4	527.3	35	2.7		0	526.2	53.42	4809.13	288.55		-5.68	336.29	
		27-N	8	520.8	39	3.0		0	520.0	52.79	4820.92	289.26		-5.69	336.36	
		28-N	12	511.6	39	3.0		0	510.8	51.86	~~4834.01~~ 4834.64	~~290.04~~ 290.08		-5.71	~~336.19~~ 336.23	* checked.
		29-N	16	506.3	38	2.9		0	505.4	51.31	4844.82	290.69		-5.73	336.27	
		30-N	20	500.0	35	2.7		0	498.9	50.65	4857.31	291.44		-5.74	336.35	
		31-N	24	491.9	40	3.1		0	491.2	49.87	4871.44	292.29		-5.76	336.39	
		32-N	28	484.5	41	3.2		0	483.9	49.13	4884.35	293.06		-5.78	336.41	
		33-N	32	474.0	40	3.1		0	473.3	48.05	4902.70	294.16		-5.80	336.41	
(C: 0.0006622)		34-N	36	455.6	37	2.9		0	454.7	46.16	4931.49	295.89		-5.81	336.24	checked
		35-N	40	443.0	40	3.1		0	442.3	44.90	4955.11	297.31		-5.83	336.38	
		36-N	44	428.2	41	3.2		0	427.6	43.41	4981.21	298.87		-5.85	336.43	
		37-N	48	419.4	43	3.3		0	418.9	42.53	4998.14	299.89		-5.86	336.56	
		38-N	52	409.4	36	2.8		0	408.4	41.46	5017.16	301.03		-5.88	336.61	
		39-N	56	395.1	38	2.9		0	394.2	40.02	~~5048.46~~ 5043.46	~~302.91~~ 302.61		-5.90	~~337.03~~	336.73
		40-N	60	381.0	39	3.0		0	380.2	38.60	5068.72	304.12		-5.91	336.81	
		41-N	64	368.9	39	3.0		0	368.1	37.37	5089.36	305.36		-5.93	336.80	
		42-N	68	351.7	37	2.9		0	350.8	35.54	5119.79	307.19		-5.95	336.78	checked.
		43-N	72	339.0	36	2.8		-0.1	337.9	34.30	5145.65	308.74		-5.96	337.08	* checked.
		44-N	76	321.3	40	3.1		-0.1	320.5	32.54	5174.42	310.47		-5.98	337.02	
		45-N	80	310.5	39	3.0		-0.1	309.6	31.43	5194.97	311.70		-6.00	337.13	
		46-N	84	299.3	39	3.0		-0.1	298.4	30.29	5216.14	312.97		-6.01	337.25	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 12 AUG. 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
		47-N	88	291.1	40	3.1		-0.1	290.3	29.47	5232.19	313.93		-6.03	337.37	
		48-N	92	282.4	39	3.0		-0.1	281.5	28.58	5248.31	314.90		-6.05	337.43	
		49-N	95	270.4	34	2.6		-0.1	269.1	27.32	5271.99	316.32		-6.06	337.58	
		50-N	99	254.9	39	3.0		-0.1	254.0	25.79	5298.83	317.94		-6.08	337.64	*
		51-N	103	245.3	39	3.0		-0.1	244.4	24.81	5314.73	318.88		-6.10	337.60	
		52-N	106	233.2	36	2.8		-0.1	232.1	23.56	5336.17	320.17		-6.11	337.62	
		53-N	109	225.7	39	3.0		-0.1	224.8	22.82	5351.53	321.09		-6.13	337.78	
		54-N	112	215.8	36	2.8		-0.1	214.7	21.80	5369.96	322.20		-6.15	337.84	
		55-N	115	207.5	39	3.0		-0.1	206.6	20.97	5385.71	323.14		-6.17	337.95	
		56-N	118	198.8	39	3.0		-0.1	197.9	20.09	5402.65	324.16		-6.18	338.07	
		57-N	121	193.4	41	3.2		-0.1	192.7	19.56	5412.32	324.74		-6.20	338.10	
		58-N	124	184.4	39	3.0		-0.1	183.5	18.63	5429.36	325.76		-6.22	338.17	
		59-N	127	180.0	39	3.0		-0.1	179.1	18.18	5436.72	326.20		-6.23	338.16	
		60-N	130	169.9	38	2.9		-0.1	168.9	17.15	5453.66	327.22		-6.25	338.12	
TL-60N		L-124W	134	145.8	38	2.9		-0.1	144.8							
		L-122W	138	151.0	36	2.8		-0.1	149.9							
		L-120W	142	159.1	39	3.0		-0.1	158.2							
		L-118W	146	172.0	34	2.6		-0.1	170.7							
	BS.#14	L-116W	151	185.3	36	2.8	-3.8	-0.1	184.2							

PAGE No. 1.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE AUG 13, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S. #14		0	190.3	35	2.7	-8.8	0	184.2							
L-132W	INTER	50-N	17	288.8	36	2.8		0	282.8	28.71	5254.13	315.25		-6.19	337.77	
		50-N	20	304.9	42	3.2		0	299.3	30.38	5227.02	313.62		-6.17	337.84	
		49-N	24	319.0	41	3.2		0	313.4	31.82	5204.27	312.26		-6.15	337.92	
		48-N	27	332.8	38	2.9		0	326.9	33.19	5179.46	310.77		-6.14	337.81	
		47-N	31	345.3	35	2.7		-0.1	339.1	34.13	5156.31	309.38		-6.12	337.68	
		46-N	34	361.2	39	3.0		-0.1	355.3	36.07	5127.89	307.67		-6.10	337.64	
		45-N	38	371.6	40	3.1		-0.1	365.8	37.14	5108.84	306.53		-6.09	337.58	
		44-N	42	382.4	36	2.8		-0.1	376.3	38.20	5089.47	305.37		-6.07	337.50	
		43-N	46	392.6	38	2.9		-0.1	386.6	39.25	5069.41	304.16		-6.05	337.36	
		42-N	50	403.0	38	2.9		-0.1	397.0	40.30	5051.72	303.11		-6.04	337.37	
		41-N	54	412.5	36	2.8		-0.1	406.4	41.26	5034.71	302.09		-6.02	337.32	
(0.00153844)		40-N	58	422.3	27	2.1		-0.1	415.5	42.18	5014.66	300.88		-6.00	337.06	
		39-N	62	430.7	39	3.0		-0.1	424.8	43.13	4997.71	299.87		-5.99	337.01	
		38-N	66	441.3	39	3.0		-0.1	435.4	44.20	4979.05	298.74		-5.97	336.97	
		37-N	70	450.0	40	3.1		-0.1	444.2	45.10	4961.78	297.71		-5.95	336.85	
		36-N	74	458.8	40	3.1		-0.1	453.0	45.99	4946.29	296.78		-5.94	336.83	
		35-N	78	465.3	38	2.9		-0.1	459.3	46.63	4934.46	296.07		-5.92	336.78	
		34-N	82	471.1	35	2.7		-0.1	464.9	47.20	4923.85	295.43		-5.90	336.73	
		33-N	86	477.4	36	2.8		-0.1	471.3	47.85	4911.52	294.69		-5.89	336.64	
		32-N	89	482.2	37	2.9		-0.1	483.2	49.05	4891.39	293.48		-5.87	336.67	
		31-N	93	496.2	39	3.0		-0.1	490.3	49.78	4877.87	292.67		-5.85	336.60	
		30-N	97	503.9	39	3.0		-0.2	497.9	50.55	4863.60	291.82		-5.83	336.54	
		29-N	100	511.3	42	3.2		-0.2	505.5	51.32	4849.45	290.96		-5.82	336.45	
		28-N	104	519.1	36	2.8		-0.2	512.9	52.07	4835.16	290.11		-5.80	336.38	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 13, 76 OPERATOR CHAN INSTRUMENT INSTR. CONSTANT 110152 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	
		27-N	108	527.9	37	2.9		-0.2	521.8	52.97	4818.7	280.13		-5.78	336.32	
		26-N	112	535.8	36	2.8		-0.2	~~527.6~~ 529.6	~~53.76~~ 53.56	4806.92	288.42		-5.77	336.21	336.41
		25-N	116	545.0	39	3.0		-0.2	539.0	54.72	4790.48	287.43		-5.75	336.40	
	B.S.#23		130	542.8	36	2.8	-8.8	-0.2	536.6							

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PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date JULY 30 76 Operator L.P Instrument Instr. Constant .10152 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity	
GRAVITY BASE #18			8:30					Base cor.								
			0	770.7	31	+2.4	0	+1.4	774.5	78.63						
B.L.		44 W	11	717.0	34	2.6	0		721.0	73.20	4343.75	259.32	260.63	-4.33	329.50	
		42 W	15	709.6	35	2.7	0		713.7	72.45	4358.88	260.23				
		40 W	19	709.3	32	2.5	0		713.2	72.40	4361.79	260.40				
		38 W	22	700.5	36	28	0		704.7	71.54	4374.86	261.18				
		36 W	27	704.4	32	2.5	+0.1		708.4	71.92	4371.46	260.98		-4.24		
(.00 .192 3)		34 W	30	711.5	33	2.6	+0.1		715.6	72.65	4361.06	260.35				
		32 W	35	717.8	32	2.5	+0.1		721.8	73.28	4353.16	259.88				
		30 W	38	723.2	33	2.6	+0.1		727.3	73.84	4345.57	259.43				
		28 W	42	727.7	35	2.7	+0.1		731.9	74.30	4340.22	259.11		-4.15		
		26 W	46	735.7	30	2.3	+0.1		739.5	75.07	4328.86	258.43				
		24 W	51	738.8	32	2.5	+0.1		742.8	75.41	4323.33	258.16				
		22 W	55	741.0	28	2.2	+0.1		744.7	75.60	4321.40	257.99				
		20 W	58	737.9	36	2.8	+0.1		744.2	75.55	4322.65	258.06		-4.06		
		18 W	63	739.3	35	2.7	+0.1	+1.4	743.5	75.48	4323.09	258.09				
	+0.9	16 W	67	737.0	36	2.8	+0.1	+2.3	742.2	75.35	4322.51	258.05				
— RESET	+0.9	18 W	73	738.4	35	2.7	+0.1	+2.3	743.6	75.49	4323.09	258.09				
	+0.9	14 W	79	738.5	32	2.5	+0.2	+2.3	743.5	75.48	4320.26	257.93				
	+0.9	12 W	83	733.3	32	2.5	+0.2	+2.3	738.3	74.95	4326.56	258.30		-3.97		
	+0.9	10 W	86	732.0	31	2.4	+0.2	+2.3	736.9	74.81	4326.37	258.28				
	+0.9	8 W	92	723.6	37	2.9	+0.2	+2.3	729.0	74.01	4338.66	259.02				
	+0.9	6	96	710.1	29	2.2	+0.2	+2.3	714.8	72.57	4361.85	260.40				
B.L.	+0.9	4 W	101	704.6	34	2.6	+0.2	+2.3	709.7	72.05	4369.67	260.87		-3.88		
GRAVITY BASE #15	+0.8		104	704.3	36	+2.80	+0.2	+2.3	709.6							

Elev con. ρ .0597

.0152

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PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date July 30 Operator L.P. Instrument Instr. Constant .10152 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity	
Gravity Base #22			0	688.8	32	+2.5	0	+2.4	693.7							
B.L.		116 W	3	689.8	26	2.0	0		694.2	70.48	4474.87	267.15		-5.15		
		114 W	8	696.0	30	2.3	0		700.7	71.14	4459.72	266.25				
		112 W	12	703.7	30	2.3	-0.1		708.3	71.91	4445.59	265.40				
		110 W	16	711.8	30	2.3	-0.1		716.0	72.73	4432.00	264.59				
		108 W	19	714.5	35	2.7	-0.1		719.5	73.04	4426.51	264.26		-5.06		
		106 W	23	716.7	34	2.6	-0.1		721.6	73.25	4421.65	263.97				
(.0045454)		104 W	27	716.6	29	2.2	-0.1		721.1	73.21	4420.410	263.90				
		102 W	31	722.0	30	2.3	-0.1		726.6	73.76	4409.44	263.24				
		100 W	34	730.7	32	2.5	-0.2		735.4	74.66	4392.74	262.25		-4.97		
		98 W	38	740.9	31	2.4	-0.2		745.5	75.68	4372.81	261.06				
B.L.		96 W	42	755.1	31	2.4	-0.2		759.7	77.12	4345.05	259.40				
		94 W	47	767.0	27	2.1	-0.2		771.3	78.30	4322.19	258.03				
		92 W	50	778.4	31	2.4	-0.2		783.0	79.49	4299.64	256.69		-4.87		
		90 W	55	786.3	30	2.3	-0.3		790.7	80.27	4281.78	255.62				
		88 W	58	793.0	29	2.2	-0.3		797.3	80.94	4268.25	254.81				
		86 W	64	797.0	29	2.2	-0.3		801.3	81.35	4258.28	254.22				
		88 W	70	793.0	29	2.2	-0.3		797.3	80.94	4268.25	254.81				
		84 W	75	794.1	32	2.5	-0.3		798.7	81.08	4258.32	254.22		-4.8		
		82 W	80	793.7	30	2.3	-0.4		798.0	81.01	4239.83	253.12				
		80 W	85	804.5	30	2.3	-0.4		808.8	82.11	4232.85	252.70				
		78 W	90	798.5	30	2.3	-0.4		802.8	81.50	4236.59	252.92				
B.L.		76 W	95	793.8	17	1.3	-0.4		797.1	80.92	4239.51	253.10		-4.69		
Gravity Base	#19	110		765.1	33	+2.6	-.5	+2.4	769.6							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 29 OPERATOR L. P. INSTRUMENT INSTR. CONSTANT .1015 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
GRAVITY			13:30													
L.[illegible] BASE #13			0	337.6	34	+2.6	-0.8	0	339.4	34.46						
T.L. 165 W		76+00 W	24	548.5	33	2.6		+.1	550.4	55.88						
		78+00 W	30	529.3	34	2.6		.1	531.2	53.93						
		80+00 W	34	501.8	32	2.5		.1	503.6	51.13						
		82+00 W	40	477.3	30	2.3		.2	479.0	48.63						
		84+00 W	45	458.4	33	2.6		.2	460.4	46.74						
		86+00 W	51	445.1	30	2.3		.2	446.8	45.36						
		88+00 W	55	429.7	30	2.3		.2	431.4	43.80						
		90+00 W	60	408.7	32	2.5		.2	410.6	41.68						
(2nd) (to mark)		92+00 W	65	390.2	31	2.4		.3	392.1	39.81						
		94+00 W	69	371.4	34	2.6		.3	373.5	37.92						
(0.0006850)		96+00 W	75	347.3	32	2.4		.3	349.2	35.45						
		98+00 W	80	342.4	33	2.6		.3	344.5	34.97						
		100+00 W	85	335.7	34	2.6		.4	337.9	34.30						
		102+00 W	90	324.4	35	2.7		.4	322.7	32.76						
		104+00 W	96	307.0	26	2.0		.4	308.6	31.33						
		106+00 W	101	295.8	36	2.8		.4	298.2	30.27						
		108+00 W	105	281.3	36	2.8		.4	283.70	28.80						
		110+00 W	108	251.4	33	2.6		.4	253.6	25.75						
		112+00 W	114	220.7	35	2.7		.5	223.1	22.65						
		114+00 W	118	199.6	37	2.9		.5	202.2	20.53						
GRAVITY BASE #14		116+00 W	123	181.8	35	+2.70	-0.8	+0.5	184.2	18.70						

MYE-SARK GRAV. (50)

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 14/09/76 OPERATOR Tim KIRBY INSTRUMENT #104 R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.140-W.	B.S.#26	25+00 N	0	486.6	37	2.9	+56.8	0	546.3	55.17	4796.32	287.78		-5.84	337.11	
		24-N	3	496.7	40	3.1		0	556.6	56.21	4779.30	286.76		-5.82	337.15	
		23-N	6	502.8	36	2.8		0	562.4	56.79	4769.23	286.15		-5.81	337.13	
		22-N	9	509.5	36	2.8		-.1	569.0	57.46	4757.73	285.45		-5.79	337.13	
		21-N	12	515.7	35	2.7		-.1	575.1	58.08	4747.91	284.87		-5.77	337.18	
		20-N	16	521.8	38	3.0		-.1	581.5	58.72	4738.58	284.31		-5.76	337.27	
		19-N	20	527.2	36	2.8		-.1	586.7	59.25	4728.70	283.72		-5.74	337.23	
		18-N	23	533.7	40	3.1		-.2	593.4	59.92	4715.32	282.92		-5.72	337.12	
		17-N	26	538.8	38	3.0		-.2	598.4	60.43	4705.09	282.31		-5.71	337.03	
		16-N	30	544.4	40	3.1		-.2	604.1	61.01	4695.75	281.75		-5.69	337.07	
		15-N	33	548.5	38	3.0		-.2	608.1	61.41	4688.68	281.32		-5.67	337.06	
		14-N	36	553.5	39	3.0		-.3	613.0	61.90	4678.28	280.70		-5.66	336.94	
		13-N	40	555.5	42	3.3		-.3	615.3	62.14	4672.47	280.35		-5.64	336.85	
		12-N	43	558.7	41	3.2		-.3	618.4	62.45	4666.02	279.96		-5.62	336.79	
		10-N	46	558.1	35	2.7		-.3	617.3	62.34	4665.86	279.95		-5.61	336.68	
		10-N	50	556.3	40	3.1		-.4	615.8	62.19	4669.40	280.16		-5.59	336.76	
		9-N	54	553.1	36	2.8		-.4	612.3	61.83	4675.36	280.52		-5.57	336.78	
		8-N	57	553.4	42	3.3		-.4	613.1	61.91	4673.45	280.41		-5.55	336.77	
		7-N	61	547.4	41	3.2		-.4	607.0	61.30	4682.68	280.96		-5.54	336.72	
		6-N	65	538.2	37	2.9		-.5	597.4	60.33	4697.11	281.83		-5.52	336.64	
		5-N	70	529.1	36	2.8		-.5	588.2	59.40	4711.94	282.72		-5.50	336.62	
		4-N	74	514.4	38	3.0		-.5	573.7	57.94	4734.86	284.007		-5.49	336.54	
		3-N	78	498.6	35	2.7		-.6	557.5	56.30	4760.31	285.62		-5.47	336.45	
		2-N	82	485.4	36	2.8	↓	-.6	544.4	54.98	4780.71	286.84		-5.45	336.37	
		1-N	86	472.9	37	2.9	+56.8	-.6	~~476.4~~ 532.°	~~48.11~~ 53.7N	4800.17	288.01		-5.44	~~330.68~~ 336.29.	*

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 14/09/76 OPERATOR Tim Kirby INSTRUMENT #104 R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity
L.140-W		0+00	90	462.7	38	3.0	+56.8	-.6	521.9	52.70	4814.75	288.89		-5.42	336.17
		14 00 S	94	450.8	38	3.0		-.7	509.9	51.49	4833.00	289.98		-5.40	336.07
		2-S	98	435.0	35	2.7		-.7	493.8	49.87	4856.37	291.38		-5.39	335.86
		3-S	102	419.1	35	2.7		-.7	477.9	48.26	4879.41	292.76		-5.37	335.65
		4-S	106	397.1	36	2.8		-.8	455.9	46.04	4912.41	294.74		-5.35	335.43
		5-S	110	371.2	36	2.8		-.8	430.0	43.41	4950.48	297.03		-5.34	335.10
		6-S	114	347.8	38	3.0		-.8	406.8	41.08	4985.10	299.11		-5.32	334.87
		7-S	118	322.6	36	2.8		-.8	381.4	38.56	5021.93	301.32		-5.30	334.58
		8-S	122	299.0	34	2.6		-.9	357.5	36.10	5056.49	303.39		-5.29	334.20
		9-S	126	267.4	36	2.8		-.9	326.1	32.93	5099.86	305.99		-5.27	333.65
		10-S	132	232.3	36	2.8	↓	-.9	291.0	29.39	5148.59	308.92		-5.25	333.06
	BS #35		141	269.6	36	2.8	+56.8	-1.3	327.9	33.11					

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 15/09/76 OPERATOR Tim Kirby INSTRUMENT #104 R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
C.140-W.	BS #35		0	271.1	35	2.7	+54.1	0	327.9	33.11						
140-W.	11	10+00-S	3	268.1	36	2.8		0	325.0	32.82	5114.16	306.85		-5.32	334.35	
	10	9-S	7	293.2	35	2.7		+0.1	350.0	35.34	5077.40	304.64		-5.34	334.64	
	9	8-S	11	319.1	32	2.5		+0.1	375.8	37.95	5040.82	302.45		-5.36	335.04	
	8	7-S	15	342.9	35	2.7		+0.2	399.9	40.38	5007.01	300.42		-5.38	335.42	
	7	6-S	19	362.5	34	2.6		+0.2	419.4	42.35	4978.97	298.74		-5.39	335.70	
	6	5-S	23	376.8	36	2.3		+0.3	433.5	43.78	4959.71	297.58		-5.41	335.95	
	5	4-S	27	393.2	33	2.6		+0.3	450.2	45.46	4936.22	296.17		-5.43	336.20	
	4	3-S	31	407.7	32	2.5		+0.4	464.7	46.93	4914.99	294.90		-5.44	336.39	
	3	2-S	35	421.4	36	2.8		+0.4	478.7	48.34	4894.52	293.67		-5.46	336.55	
	2	1-S	39	433.5	32	2.5		+0.4	490.5	49.53	4876.45	292.59		-5.48	336.64	
	1-S	0+00	42	445.7	35	2.7		+0.5	503.0	50.80	4857.20	291.43		-5.49	336.74	
	0+00	1+00 N	46	459.2	32	2.5		+0.5	516.3	52.14	4836.46	290.19		-5.51	336.82	
	1-N	2-N	50	471.7	31	2.4		+0.6	528.8	53.40	4818.08	289.08		-5.53	336.95	
	2	3-N	54	483.8	32	2.5		+0.6	541.0	54.63	4799.67	287.98		-5.54	337.04	
	3	4-N	57	495.2	36	2.8		+0.6	552.7	55.81	4780.69	286.84		-5.56	337.09	
	4	5-N	61	507.8	37	2.9		+0.7	565.5	57.11	4760.78	285.65		-5.58	337.18	
	5	6-N	65	515.7	35	2.7		+0.7	573.2	57.88	4747.65	284.86		-5.59	337.15	
	6	7-N	70	525.2	35	2.7		+0.8	582.8	58.85	4732.37	283.94		-5.61	337.18	
	7	8-N	74	532.3	38	3.0		+0.8	590.2	59.60	4720.41	283.22		-5.63	337.19	
marked as 8-N	8	9-N	78	536.5	35	2.7		+0.9	594.2	60.01	4713.91	282.83		-5.64	337.20	
	9	10-N	82	537.9	36	2.8		+0.9	597.5	60.16	4710.77	282.65		-5.66	337.15	
	10	11-N	87	537.8	33	2.6		+1.0	595.5	60.14	4712.01	282.72		-5.68	337.18	
	11	12-N	91	534.9	36	2.8	V	+1.0	592.8	59.86	4717.75	283.07		-5.70	337.23	
	12	13-N	95	531.8	36	2.8	+54.1	+1.1	589.8	59.56	4723.97	283.44		-5.71	337.29	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 15/09/76 OPERATOR Tim KIRBY INSTRUMENT #104 R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.140-W	13	14-N	99	528.4	35	2.7	+54.1	+1.1	586.3	59.21	4731.28	283.88		-5.73	337.36	
148	14	15-N	103	523.1	34	2.6		+1.2	581.0	58.67	4740.58	284.43		-5.75	337.35	
	15	16-N	107	517.4	35	2.7		+1.2	575.4	58.11	4750.47	285.03		-5.76	337.38	
	16	17-N	111	511.0	40	3.1		+1.3	569.5	57.51	4761.22	285.67		-5.78	337.40	
	17	18-N	116	502.0	35	2.7		+1.3	560.1	56.56	4771.35	286.64		-5.80	337.40	
	18	19-N	121	494.1	33	2.6		+1.4	552.2	55.76	4782.55	287.55		-5.81	337.50	
	19	20-N	125	488.3	35	2.7		+1.4	546.5	55.19	4801.75	288.11		-5.83	337.47	
	20	21-N	128	480.4	35	2.7		+1.5	538.7	54.40	4816.13	288.97		-5.85	337.57	
	21	22-N	132	473.6	39	3.0		+1.5	532.2	53.74	4829.14	289.79		-5.86	337.63	
	22	23-N	137	469.5	36	2.8		+1.5	527.9	53.31	4837.91	290.27		-5.88	337.70	
	23	24-N	142	464.1	38	3.0		+1.6	522.8	52.79	4846.56	290.79		-5.90	337.68	
marked as 24+00N	24	25-N	146	457.4	35	2.7		+1.6	515.8	52.09	4858.79	291.53		-5.91	337.71	
T.L.@ 25N →	25	25-N	150	450.6	37	2.7	/	+1.7	509.1	51.41	4869.29	292.16		-5.93	337.64	
	B.S.#26		158	487.6	36	2.8	+54.1	+1.8	546.3	55.17						
L. 140-W	B.S.#26	25+00N	0	487.8	36	2.8										
		26-N	3	481.1	36											
W		27-N	7	474.4	38											
		28-N	11	464.8	36											
		29-N	15	455.2	38											
N		30-N	19	446.2	36											
		31-N	23	438.5	37											
S		32-N	27	434.0	32											
		33-N	32	429.2	35											
		34-N	36	420.7	39											

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 16/09/76 OPERATOR Tim Kirby INSTRUMENT #104 R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 140-W.	B.S.#26	25+00N	0	489.7	36	2.8	+53.8	0	546.3	55.17	4796.3'	287.78		-5.84	337.11	
		26-N	3	482.6	32	2.5		0	538.9	54.42	4810.17	288.61		-5.86	337.17	
		27-N	6	476.1	35	2.7		0	532.6	53.78	4822.17	289.33		-5.87	337.24	
		28-N	10	466.8	36	2.8		+0.1	523.5	52.87	4837.21	290.23		-5.89	337.21	
		29-N	13	456.5	37	2.9		+0.1	513.3	51.84	4853.05'	291.18		-5.91	337.11	
		30-N	16	447.9	34	2.6		+0.1	504.4	50.94	4868.3'	292.10		-5.9'	337.12	
		31-N	19	440.4	36	2.8		+0.1	497.1	50.20	4881.06	292.86		-5.94	337.12	
		32-N	22	435.0	32	2.5		+0.1	491.4	49.62	4890.85'	293.45		-5.96	337.11	
		33-N	25	428.4	35	2.7		+0.2	485.1	48.99	4902.23	294.13		-5.98	337.14	
		34-N	28	422.4	39	3.0		+0.2	479.4	48.41	4912.42	294.75		-5.99	337.17	
		35-N	32	415.2	35	2.7		+0.2	471.9	47.65	4925.18	295.51		-6.01	337.15	
		36-N	36	396.5	37	2.9		+0.2	453.4	45.79	4954.47	297.27		-6.03	337.03	
		37-N	39	393.8	38	3.0		+0.3	450.9	45.53	4961.20	297.67		-6.04	337.16	
		38-N	42	393.1	39	3.0		+0.3	450.2	45.46	4963.75'	297.83		-6.06	337.23	
		39-N	46	388.5	38	3.0		+0.3	445.6	45.00	4972.53	298.35		-6.08	337.27	
		40-N	49	380.5	39	3.0		+0.3	437.7	44.20	4985.79	299.15		-6.09	337.26	
		41-N	52	369.3	38	3.0		+0.3	426.4	43.06	5005.79	300.35		-6.11	337.30	
		42-N	56	357.9	38	3.0		+0.4	415.1	41.92	5025.80	301.55'		-6.13	337.34	
		43-N	60	342.4	38	3.0		+0.4	399.6	40.35	5053.52	303.21		-6.14	337.42	
		44-N	64	334.0	35	2.7		+0.4	390.9	39.48	5070.08	304.20		-6.16	337.52	
		45-N	67	327.1	39	3.0		+0.4	384.3	38.80	5083.75'	305.03		-6.18	337.65	
		46-N	70	315.9	38	3.0		+0.5	373.2	37.69	5103.45'	306.21		-6.19	337.71	
		47-N	73	300.8	38	3.0		+0.5	358.1	36.16	5129.48	307.77		-6.21	337.72	
	B.S.#27	48-N	77	294.2	40	3.1	+53.8	+0.5	351.6	35.51	5142.46	308.55'		-6.23	337.83	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 6/09/76 OPERATOR Tim Kirby INSTRUMENT #104 R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S. #28		0	294.2	40	3.1	+54.3	0	351.6	35.51						
L.148-W		50+00N	13	213.5	37	2.9		0	270.7	27.34	5281.55	316.89		-6.35	337.88	
		49-N	16	217.7	35	2.7		+0.1	274.8	27.75	5274.14	316.45		-6.33	337.87	
		48-N	20	225.4	39	3.0		+0.1	282.8	28.56	5260.11	315.61		-6.32	337.85	
		47-N	24	222.6	38	3.0		+0.1	280.0	28.28	5262.84	315.77		-6.30	337.75	
		46-N	27	225.2	39	3.0		+0.1	282.6	28.54	5256.11	315.37		-6.28	337.63	
		45-N	32	232.8	36	2.8		+0.1	290.0	29.29	5242.72	314.56		-6.27	337.58	
		44-N	35	233.6	38	3.0		+0.1	291.0	29.39	5239.23	314.35		-6.25	337.49	
		43-N	39	235.4	38	3.0		+0.1	292.8	29.57	5233.88	314.03		-6.23	337.37	
		42-N	42	239.7	36	2.8		+0.1	296.9	29.98	5225.25	313.52		-6.22	337.28	
		41-N	46	243.1	32	2.5		+0.1	300.0	30.30	5218.99	313.14		-6.20	337.24	
		40-N	50	247.1	33	2.6		+0.2	304.2	30.72	5209.38	312.56		-6.18	337.10	* checked.
		39-N	54	259.3	39	3.0		+0.2	316.8	32.00	5188.96	311.34		-6.17	337.17	
		38-N	59	267.2	35	2.7		+0.2	324.4	32.76	5173.79	310.43		-6.15	337.04	
		37-N	63	279.6	37	2.9		+0.2	337.0	34.03	5152.06	309.12		-6.13	337.02	
		36-N	68	298.2	37	2.9		+0.2	355.6	35.91	5120.25	307.22		-6.12	337.01	
		35-N	74	314.0	37	2.9		+0.2	371.4	37.51	5093.31	305.60		-6.10	337.01	
		34-N	80	334.7	39	3.0		+0.3	392.3	39.62	5059.07	303.54		-6.08	337.08	
		33-N	84	342.2	38	3.0		+0.3	399.8	40.37	5044.65	302.68		-6.07	336.98	
		32-N	88	352.0	37	2.9		+0.3	409.5	41.35	5024.70	301.48		-6.05	336.78	
		31-N	92	378.1	42	3.3		+0.3	436.0	44.03	4982.31	298.94		-6.03	336.94	
		30-N	96	403.8	40	3.1		+0.3	461.5	46.60	4944.13	296.67		-6.01	337.26	
		29-N	100	416.6	39	3.0		+0.3	474.2	47.89	4925.70	295.54		-6.00	337.43	
		28-N	103	426.4	39	3.0	V	+0.3	484.0	48.88	4909.50	294.57		-5.98	337.47	
		27-N	107	434.1	36	2.8	+54.3	+0.3	491.5	49.63	4897.12	293.83		-5.96	337.50	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 16/09/76 OPERATOR Tim KIRBY INSTRUMENT #104R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.148-W		26-N	111	441.5	37	2.9		+0.4	499.1	50.40	1885.79	293.15		-5.95	337.60	
		25-N	115	451.3	37	2.9		+0.4	508.9	51.39	1869.29	292.16		-5.93	337.62	
	B.S.#36		124	427.5	36	2.8	+54.3	+0.4	485.0	48.98						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 17/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S.#37	25+00 N	0	495.2	36	2.8	-9.6	0	488.4	49.32	4931.73	295.90		-6.29	338.93	
L.180-W.		26+00 N	3	492.0	35	2.7		0	485.1	48.99	4938.05	296.28		-6.31	338.96	
		27-N	7	486.9	38	3.0		0	480.3	48.50	4947.19	296.83		-6.32	339.01	
		28-N	10	481.9	36	2.8		0	475.1	47.98	4956.02	297.36		-6.34	339.00	
		29-N	13	476.7	36	2.8		-0.1	470.0	47.46	4964.75	297.89		-6.36	338.99	
		30-N	17	471.0	37	2.9		-0.1	464.2	46.88	4974.87	298.49		-6.37	339.00	
		31-N	20	468.4	38	3.0		-0.1	461.7	46.61	4981.25	298.88		-6.39	339.10	
		32-N	23	463.5	36	2.8		-0.1	456.6	46.11	4991.36	299.48		-6.41	339.18	
		33-N	26	457.9	33	2.6		-0.1	450.8	45.52	5001.64	300.10		-6.43	339.19	
		34-N	29	447.8	38	3.0		-0.1	441.1	44.54	5019.39	301.15		-6.44	339.26	
		35-N	33	442.1	37	2.9		-0.1	435.3	43.96	5029.83	301.79		-6.46	339.29	
		36-N	36	436.5	39	3.0		-0.2	429.7	43.39	5039.48	302.37		-6.48	339.28	
		37-N	39	436.2	39	3.0		-0.2	429.4	43.36	5041.96	302.52		-6.49	339.39	
		38-N	43	432.0	38	3.0		-0.2	425.2	42.94	5049.15	302.95		-6.51	339.38	
		39-N	46	429.5	39	3.0		-0.2	422.7	42.69	5053.85	303.23		-6.53	339.39	
		40-N	49	427.7	38	3.0		-0.2	420.9	42.51	5057.40	303.44		-6.54	339.41	
		41-N	52	426.4	34	2.6		-0.2	419.2	42.33	5059.34	303.56		-6.56	339.33	
		42-N	55	423.5	40	3.1		-0.2	416.8	42.09	5064.38	303.86		-6.58	339.37	
		43-N	58	420.1	36	2.8		-0.3	413.0	41.71	5070.92	304.26		-6.59	339.38	
		44-N	61	415.0	36	2.8		-0.3	407.9	41.19	5079.78	304.79		-6.61	339.37	
		45-N	64	410.3	39	3.0		-0.3	403.4	40.74	5087.32	305.24		-6.63	339.35	
		46-N	67	407.3	36	2.8		-0.3	400.2	40.41	5093.67	305.62		-6.64	339.39	
		47-N	70	402.6	39	3.0		-0.3	395.7	39.96	5102.42	306.15		-6.66	339.45	
		48-N	74	396.3	41	3.2		-0.3	389.6	39.34	5112.57	306.75		-6.68	339.41	
		49-N	77	391.5	39	3.0	-9.6	-0.3	384.6	38.84	5122.28	307.33		-6.69	339.48	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 17/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.180-W.		50-N	81	389.1	34	2.6	-9.6	-0.4	381.7	38.55	5126.86	307.61		-6.71	339.45	
INT.@ 179-W		180-W	84	386.7	35	2.7		-0.4	379.4	38.31	5128.42					
T.L. 50-N.		180-W	89	387.0	37	2.8		-0.4	379.8	38.35						
		182-W	93	381.9	40	3.1		-0.4	375.0	37.87						
		184-W	97	350.5	35	2.7		-0.4	343.2	34.66						
		186-W	102	313.9	33	2.6		-0.5	306.4	30.94						
INT.@ 187+75-W		188-W	107	278.9	36	2.8		-0.5	272.5	27.52						
		188-W	110	273.3	39	3.0	V	-0.5	266.2	26.88						
DRIFT + 0.1 →	B.S.#29	198-W	116	253.6	38	3.0	-9.6	-0.5	246.5/247.1	24.89						
	B.S.#37	25+00N	134	496.0	33	2.6	-9.6	-0.6	488.4	49.32						
L.180-W.	B.S.#37	25+00N	0	496.0	33	2.6	-10.2	0	488.4	49.32	4931.73	295.90		-6.29	338.93	
		24-N	4	501.6	41	3.2		0	494.6	49.95	4920.19	295.21		-6.27	338.89	
		23-N	8	505.4	39	3.0		0	498.2	50.31	4913.97	294.84		-6.26	338.89	
		22-N	12	508.7	39	3.0		0	501.5	50.64	4908.14	294.49		-6.24	338.89	
		21-N	15	511.1	42	3.3		0	504.2	50.92	4903.33	294.20		-6.22	338.90	
		20-N	18	514.0	38	3.0		0	506.8	51.18	4897.73	293.86		-6.21	338.83	
		19-N	21	517.0	36	2.8		0	509.6	51.46	4893.73	293.62		-6.19	338.89	
NO NAIL		18-N	25	520.0	35	2.7		0	512.5	51.75	4889.47	293.37		-6.17	338.95	
		17-N	30	520.9	38	3.0		0	513.7	51.88	4885.59	293.14		-6.16	338.86	
		16-N	33	523.0	36	2.8		0	515.6	52.07	4881.75	292.91		-6.14	338.84	
		15-N	36	524.9	33	2.6		+0.1	517.4	52.25	4877.25	292.64		-6.12	338.77	
		14-N	40	525.0	38	3.0		+0.1	517.9	52.30	4874.80	292.49		-6.11	338.68	
		13-N	44	526.3	38	3.0	V	+0.1	519.2	52.43	4870.95	292.26		-6.09	338.60	
		12-N	47	527.6	37	2.9	-10.2	+0.1	520.4	52.55	4867.46	292.05		-6.07	338.53	

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GRAVITY DATA

JOB No. DATE 17/09/76 OPERATOR Tim Kirby INSTRUMENT #104-R INSTR. CONSTANT 1.00985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.180-W		11-N	50	529.4	37	2.9	-0.2	+0.1	522.2	52.73	4862.96	291.78		-6.06	338.45	
		10-N	53	530.7	37	2.9		+0.1	523.5	52.87	4860.87	291.65		-6.04	338.48	
		9-N	56	532.1	39	3.0		+0.1	525.0	53.02	4858.57	291.51		-6.02	338.51	
		8-N	59	535.3	35	2.7		+0.1	527.9	53.31	4854.54	291.27		-6.00	338.58	
		7-N	62	536.8	38	3.0		+0.1	529.7	53.49	4851.01	291.06		-5.99	338.56	
		6-N	65	536.5	34	2.6		+0.1	529.0	53.42	4851.41	291.08		-5.97	338.53	
		5-N	69	536.6	36	2.8		+0.1	529.3	53.45	4850.30	291.02		-5.95	338.52	
		4-N	72	536.3	38	3.0		+0.1	529.2	53.44	4850.09	291.01		-5.94	338.51	
		3-N	75	532.5	41	3.2		+0.1	525.6	53.08	4855.65	291.34		-5.92	338.50	
		2-N	79	526.3	39	3.0		+0.1	519.2	52.43	4864.97	291.90		-5.90	338.43	
		1-N	83	520.4	39	3.0		+0.1	513.3	51.84	4873.80	292.43		-5.89	338.38	
		0+00	86	515.5	42	3.3		+0.1	508.7	51.37	4880.86	292.85		-5.87	338.35	
		1+00 S	90	511.6	32	2.5		+0.1	504.0	50.90	4887.71	293.26		-5.85	338.31	
		2-S	94	508.7	35	2.6		+0.1	501.2	50.61	4891.70	293.50		-5.84	338.27	
		3-S	97	505.5	39	3.0		+0.1	498.4	50.33	4895.67	293.74		-5.82	338.25	
		4-S	100	503.6	38	3.0		+0.2	496.6	50.15	4898.22	293.89		-5.80	338.24	
		5-S	104	501.7	38	3.0		+0.2	494.7	49.96	4899.95	294.00		-5.79	338.17	
		6-S	108	500.9	37	2.9		+0.2	493.8	49.87	4902.05	294.12		-5.77	338.22	
		7-S	111	499.7	36	2.8		+0.2	492.5	49.74	4902.64	294.16		-5.75	338.15	
		8-S	114	498.2	38	3.0		+0.2	491.2	49.60	4903.38	294.20		-5.76	338.04	
		9-S	117	498.0	39	3.0		+0.2	491.0	49.58	4902.92	294.18		-5.74	338.02	
		10-S	120	497.3	34	2.6	↓	+0.2	489.9	49.47	4902.95	294.18		-5.72	337.93	
	B.S. #33		132	569.6	35	2.7	-0.2	+0.2	562.3	56.78				-5.70		

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

PAGE No.

JOB No. DATE 18/09/76 OPERATOR Tim KIRBY INSTRUMENT# 104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS# 33		0	571.9	36	2.8	-12.4	0	562.3	56.78						
L.188-W.		10+00-S	9	527.0	39	3.0		+0.1	517.7	52.28	4865.16	291.91		-5.79	338.40	
		9-S	12	524.5	41	3.2		+0.1	515.0	52.01	4870.27	292.22		-5.81	338.42	
		8-S	16	521.7	37	2.9		+0.1	511.9	51.69	4875.10	292.51		-5.83	338.37	
		7-S	19	521.3	39	3.0		+0.1	511.6	51.66	4877.73	292.66		-5.84	338.48	
		6-S	23	520.0	39	3.0		+0.1	510.7	51.57	4880.35	292.82		-5.86	338.53	
		5-S	26	518.5	41	3.2		+0.1	509.4	51.44	4884.40	293.06		-5.88	338.62	
		4-S	30	517.5	42	3.3		+0.2	508.6	51.36	4886.83	293.21		-5.89	338.68	
		3-S	34	517.6	37	2.9		+0.2	508.3	51.33	4889.15	293.35		-5.91	338.77	
		2-S	38	517.9	39	3.0		+0.2	508.7	51.37	4889.65	293.38		-5.93	338.82	
		1-S	41	519.2	39	3.0		+0.2	510.0	51.50	4888.17	293.29		-5.94	338.85	
		0+50	45	519.6	40	3.1		+0.3	510.6	51.56	4887.44	293.25		-5.96	338.85	
		1+00 N.	48	520.7	40	3.1		+0.3	511.7	51.67	4886.61	293.20		-5.98	338.89	
		2-N	52	522.5	38	3.0		+0.3	513.4	51.85	4885.07	293.10		-5.99	338.96	
		3-N	56	524.4	37	2.9		+0.3	515.2	52.03	4882.48	292.95		-6.01	338.97	
		4-N	59	529.5	37	2.9		+0.3	520.3	52.54	4871.71	292.48		-6.03	338.99	
		5-N	62	533.4	37	2.9		+0.4	524.3	52.95	4868.33	292.10		-6.04	339.01	
		6-N	65	522.4	39	3.0		+0.4	513.4	51.85	4886.17	293.17		-6.06	338.96	
		7-N	69	521.7	40	3.1		+0.4	512.8	51.79	4889.24	293.35		-6.08	339.06	
		8-N	72	522.2	39	3.0		+0.4	513.2	51.83	4887.91	293.27		-6.09	339.01	
		9-N	76	521.2	38	3.0		+0.4	512.2	51.72	4890.96	293.46		-6.11	339.07	
		10-N	80	521.3	40	3.1		+0.5	512.5	51.75	4891.32	293.48		-6.13	339.10	
		11-N	84	519.3	39	3.0		+0.5	510.4	51.54	4894.68	293.68		-6.15	339.07	
		12-N	88	516.5	41	3.2		+0.5	507.8	51.28	4899.83	293.99		-6.16	339.11	
		13-N	91	514.5	39	3.0	-12.4	+0.5	505.6	51.05	4904.26	294.26		-6.18	339.13	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 18/09/76 OPERATOR TIM KIRBY INSTRUMENT #704-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.188-W		14-N	95	511.4	39	3.0	-12.4	+0.5	502.5	50.74	4909.45	294.57		-6.20	339.11	
		15-N	98	509.9	37	2.9		+0.6	501.0	50.59	4913.13	294.79		-6.21	339.17	
		16-N	101	507.9	38	2.9		+0.6	499.0	50.39	4917.25	295.04		-6.23	339.20	
		17-N	105	506.6	34	2.6		+0.6	497.4	50.23	~~4921.54~~	295.29		-6.25	339.27	*
		18-N	108	503.7	40	3.1		+0.6	495.0	49.99	4925.76	295.55		-6.26	339.28	
		19-N	111	501.0	38	3.0		+0.6	492.2	49.70	4931.50	295.89		-6.28	339.31	
		20-N	115	497.2	39	3.0		+0.7	488.5	49.33	4936.82	296.21		-6.30	339.24	
		21-N	118	492.7	40	3.0		+0.7	484.0	48.88	4943.91	296.63		-6.31	339.20	
		22-N	121	489.8	39	3.0		+0.7	481.1	48.58	4948.79	296.93		-6.33	339.18	
		23-N	125	487.0	36	2.8		+0.7	478.1	48.28	4954.19	297.25		-6.35	339.18	
		24-N	129	483.6	40	3.1		+0.7	475.0	47.97	4960.19	297.61		-6.36	339.22	
		25-N	132	480.9	42	3.3		+0.8	472.6	47.73	4964.99	297.90		-6.38	339.25	
	B.S.#39		139	497.0	39	3.0	-12.4	+0.8	488.4	49.32						
	B.S.#37		0	496.3	39	3.0	-10.9	0	488.4	49.32						
L.172-W.		25+00N	7	479.5	36	2.8		0	471.4	47.60	4953.61	297.22		-6.20	338.62	
		24-N	11	485.6	37	2.9		0	477.6	48.23	~~4913.91~~ ~~4933.51~~	~~296.63~~ ~~296.01~~		-6.18	~~338.06~~	* 338.68
		23-N	15	491.0	39	3.0		0	483.1	48.79	4934.38	296.06		-6.17	338.68	
		22-N	18	496.2	39	3.0		0	488.3	49.31	4925.68	295.54		-6.15	338.70	
		21-N	21	502.2	35	2.7		0	494.0	49.89	4915.00	294.90		-6.13	338.66	
		20-N	25	508.2	36	2.8		0	500.1	50.50	4903.91	294.23		-6.14	338.61	
		19-N	28	514.7	42	3.3		0	507.1	51.21	4893.06	293.58		-6.10	338.69	
		18-N	32	517.9	38	3.0		0	510.0	51.50	4886.97	293.22		-6.08	338.64	
		17-N	36	522.4	38	3.0		0	514.5	51.96	4878.99	292.74		-6.07	338.63	
		16-N	39	529.4	40	3.1	-10.9	0	521.6	52.67	4866.74	292.00		-6.05	338.62	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 18/09/76 OPERATOR Tim Kirby INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.17Z-W		15-N	42	534.7	42	3.3	10.9	0	527.1	53.23	4855.61	291.34		-6.03	338.54	
		14-N	45	541.3	38	3.0		0	533.4	53.87	4842.70	290.56		-6.02	338.41	
		13-N	49	544.1	41	3.2		0	536.4	54.17	4834.80	~~289.40~~ 290.09		-6.00	~~337.66~~ 338.26	
		12-N	52	547.3	36	2.8		0	539.2	54.45	4828.50	289.71		-5.98	338.18	
		11-N	56	550.9	39	3.0		0	543.0	54.83	4820.58	289.23		-5.97	338.09	
		10-N	60	551.6	37	2.9		0	543.6	54.90	4816.42	288.99		-5.95	337.94	
		9-N	63	552.8	34	2.6		0	544.5	54.99	4815.09	288.91		-5.93	337.97	
		8-N	67	552.6	39	3.0		+0.1	544.8	55.02	~~4825.00~~ 4813.60	~~289.50~~ 288.82		-5.91	~~338.61~~	* 337.93
		7-N	72	552.6	41	3.2		+0.1	545.0	55.04	4812.97	288.78		-5.90	337.92	
		6-N	76	550.9	36	2.8		+0.1	542.9	54.82	4816.09	288.97		-5.88	337.91	
		5-N	79	549.8	40	3.1		+0.1	542.1	54.74	4817.12	289.03		-5.86	337.91	
		4-N	82	549.9	37	2.9		+0.1	542.0	54.73	4818.07	289.08		-5.85	337.96	
		3-N	85	547.7	40	3.1		+0.1	540.0	54.53	4820.71	289.24		-5.83	337.94	
		2-N	88	545.5	38	3.0		+0.1	537.7	54.30	4825.56	289.53		-5.81	338.02	
		1-N	91	540.0	40	3.1		+0.1	532.3	53.75	4835.13	290.11		-5.80	338.06	
		0+00	95	531.0	37	2.9		+0.1	523.1	52.83	4848.40	290.90		-5.78	337.95	
		1+00-S	98	527.4	38	3.0		+0.1	519.6	52.47	4853.91	291.23		-5.76	337.94	
		2-S	102	524.9	40	3.1		+0.1	517.2	52.23	4857.23	291.43		-5.75	337.91	
		3-S	105	520.8	39	3.0		+0.1	513.0	51.81	4863.24	291.79		-5.73	337.87	
		4-S	108	513.0	38	3.0		+0.1	505.2	51.02	4875.73	292.54		-5.71	337.85	
		5-S	111	504.3	39	3.0		+0.1	496.5	50.14	4889.11	293.35		-5.70	337.79	
		6-S	115	497.4	36	2.8		+0.1	489.4	49.42	4901.18	294.07		-5.68	337.81	
		7-S	118	491.9	37	2.9		+0.1	484.0	48.88	4909.30	294.56		-5.66	337.78	
		8-S	121	485.8	39	3.0		+0.1	478.0	48.27	4917.13	295.03		-5.65	337.65	
		9-S	125	481.3	38	3.0	10.9	+0.1	473.5	47.82	4923.79	295.43		-5.63	337.62	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 18/09/76 OPERATOR Tim Kirby INSTRUMENT #104 R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.172-W	B.S.#34	10-S	129	475.9	37	2.9	-10.9	+0.1	468.0	47.26	4930.14	295.81		-5.61	337.46	
	B.S.#34		0	475.9	37	2.9	-10.8	0	468.0	47.26						
L.156-W	11	10+00 S	12	386.8	38	3.0		-0.1	378.9	38.26	N.R.			-5.39		
picket says should read 10-S	10	9-S	15	408.4	39	3.0		-0.1	400.5	40.44	5014.81	300.89		-5.41	335.92	
no marking	9	8-S	18	424.7	36	2.8		-0.2	416.5	42.06	4991.40	299.48		-5.43	336.11	
	8	7-S	22	441.1	40	3.1		-0.2	433.1	43.74	4967.81	298.07		-5.44	336.34	
	7	6-S	26	459.6	39	3.0		-0.3	451.5	45.59	4940.52	296.43		-5.48	336.54	
	6	5-S	29	467.3	42	3.3		-0.3	459.5	46.40	4929.52	295.77		-5.50	336.67	
	5	4-S	33	479.5	41	3.2		-0.3	471.6	47.62	4911.85	294.71		-5.52	336.81	
	4	3-S	36	489.0	36	2.8		-0.3	480.7	48.54	4898.83	293.93		-5.53	336.94	
	3	2-S	39	496.7	38	3.0		-0.4	488.5	49.33	4888.01	293.28		-5.55	337.06	
no marking	2	1-S	43	504.2	40	3.1		-0.4	496.1	50.10	4876.41	292.58		-5.57	337.11	
	1	0+00	47	514.4	32	2.5		-0.5	505.6	51.06	4861.09	291.67		-5.58	337.15	
M.A. 1-S	0	1+00 N	50	525.8	40	3.1		-0.5	517.6	52.27	4842.16	290.53		-5.60	337.20	
	1	2-N	54	539.2	39	3.0		-0.5	530.9	53.61	4820.73	289.24		-5.62	337.23	
2 #5-S	2	3-N	57	548.3	37	2.9		-0.6	539.8	54.51	4806.57	288.39		-5.63	337.27	
	3	4-N	60	557.3	36	2.8		-0.6	548.7	55.41	4792.52	287.55		-5.65	337.31	
5-S	4	5-N	63	565.8	36	2.8		-0.6	557.2	56.27	4779.24	286.75		-5.67	337.35	
M.A. 5-S	5	6-N	66	573.2	36	2.8		-0.6	564.6	57.02	4767.77	286.07		-5.68	337.41	
6-S	6	7-N	69	578.5	36	2.8		-0.7	569.8	57.54	4757.42	285.45		-5.70	337.29	
7-S	7	8-N	73	582.0	37	2.9		-0.7	573.4	57.90	4751.55	285.09		-5.72	337.27	
8-S	8	9-N	76	584.4	37	2.9		-0.7	575.8	58.15	4747.67	284.86		-5.73	337.28	
9-S	9	10-N	80	583.6	41	3.2	V	-0.8	575.2	58.09	4749.52	284.97		-5.75	337.31	
10-S	10	11-N	84	580.8	39	3.0	-10.8	-0.8	572.2	57.78	4755.91	285.35		-5.77	337.36	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 18/09/76 OPERATOR Tim Kirby INSTRUMENT #104 R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.156-W	11	12-N	87	575.1	35	2.7	-10.8	-0.8	566.2	57.18	4767.56	286.05		-5.79	337.44	
" 12-S	12	13-N	91	568.0	37	2.9		-0.9	559.2	56.47	4780.06	286.80		-5.80	337.47	
13-S	13	14-N	95	562.7	38	3.0		-0.9	554.0	55.95	4790.91	287.45		-5.82	337.58	
14-S	14	15-N	99	556.9	37	2.9		-1.0	548.0	55.34	4800.69	288.04		-5.84	337.54	
15-S	15	16-N	102	553.1	40	3.1		-1.0	545.3	55.07	4808.25	288.50		-5.85	337.72	
16-S	16	17-N	106	550.5	36	2.8		-1.0	541.5	54.68	4815.03	288.90		-5.87	337.71	
17-S	17	18-N	110	546.6	39	3.0		-1.1	537.7	54.30	4822.62	289.36		-5.89	337.77	
18-S	18	19-N	114	541.1	39	3.0		-1.1	532.2	53.74	4833.32	290.00		-5.90	337.84	
19-S	19	20-N	117	537.7	36	2.8		-1.1	528.6	53.38	4842.21	290.53		-5.92	337.99	
20-S	20	21-N	121	532.3	39	3.0		-1.2	523.3	52.85	4851.92	291.12		-5.94	338.03	
21	21	22-N	125	527.5	39	3.0		-1.2	518.5	52.36	4860.73	291.64		-5.95	338.05	
22	22	23-N	129	522.8	34	2.6		-1.2	513.4	51.85	4868.86	292.13		-5.97	338.01	
23	23	24-N	133	514.0	36	2.8		-1.3	504.7	50.97	4883.82	293.03		-5.99	338.01	
24	24	25-N	137	506.3	37	2.9		-1.3	497.1	50.20	4896.13	293.77		-6.00	337.97	
Int. 25+156.	25		141	494.4	40	3.1	↓	-1.4	485.3	49.01	4914.13	288.85		-6.02	337.84	
	BS#36		145	494.4	36.	2.8	-10.8	-1.4	485.0	48.98						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 19/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 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. 156-W	BS.#36		0	494.6	36	2.8	-12.4	0	485.0	48.98						
		2500-N	4	495.2	37	2.9		0	485.7	49.05	4914.13	294.85		6.02	337.88	
		26-N	8	483.0	39	3.0		+.1	473.7	47.84	4933.28	296.00		-6.04	337.80	
		27-N	12	473.6	38	3.0		+.1	464.3	46.89	4947.27	296.84		-6.05	337.68	
		28-N	18	447.3	40	3.1		+.1	438.1	44.24	4987.02	299.22		-6.07	337.39	
		29-N	23	420.2	37	2.9		+.2	410.9	41.49	5030.70	301.84		-6.09	337.24	
		30-N	28	408.5	39	3.0		+.2	399.3	40.32	5051.00	303.06		-6.10	337.28	
		31-N	33	394.8	38	3.0		+.3	385.7	38.95	5074.32	304.46		-6.12	337.29	
		32-N	38	379.8	39	3.0		+.3	370.7	37.44	5099.97	306.00		-6.14	337.30	
		33-N	43	363.5	38	3.0		+.3	354.4	35.79	5126.86	307.61		-6.16	337.24	
		34-N	47	340.3	40	3.1		+.4	331.4	33.47	5165.16	309.91		-6.17	337.21	
		35-N	51	319.7	42	3.3		+.4	311.0	31.41	5199.59	311.98		-6.19	337.20	
		36-N	56	296.6	39	3.0		+.4	287.6	29.04	5237.05	314.22		-6.21	337.05	
		37-N	60	271.2	37	2.9		+.5	262.3	26.48	5277.64	316.66		-6.22	336.92	
(0.0079365)		38-N	72	241.9	35	2.7		+.6	232.8	23.51	5312.67	318.76		-6.24	336.03	*
		39-N	77	226.2	37	2.9		+.6	217.3	21.94	5350.91	321.05		-6.26	336.73	
		40-N	87	202.8	34	2.6		+.7	193.7	19.56	5389.67	323.38		-6.27	336.67	
		41-N	92	178.8	36	2.8		+.7	169.9	17.16	5427.23	325.63		-6.29	336.50	
		42-N	99	157.9	36	2.8		+.8	149.1	15.06	5458.59	327.52		-6.31	336.27	
	B.S.#36		126	493.6	36	2.8	-12.4	+1.0	485.0	48.98						
WIND																

MTE SARK GRAV. (66)

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 20/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS #37	N	0	500.0	35	2.7	-14.3	0	488.4	49.32						
L. 172-W.		25+00 N	8	483.0	38	3.0		+.1	471.8	47.64	4953.61	297.22		-6.20	338.66	
		26-N	11	476.1	41	3.2		+.1	465.1	46.97	4966.09	297.97		-6.22	338.72	
		27-N	15	467.5	39	3.0		+.1	456.3	46.08	4980.40	298.82		-6.23	338.67	
		28-N	19	458.2	38	3.0		+.2	447.1	45.15	4996.61	299.80		-6.25	338.70	
		29-N	23	449.4	39	3.0		+.2	438.3	44.26	5011.30	300.68		-6.27	338.67	
		30-N	26	440.4	37	2.9		+.2	429.2	43.34	5026.41	301.58		-6.28	338.64	
		31-N	29	430.3	40	3.1		+.2	419.3	42.34	5044.09	302.65		-6.30	338.69	
		32-N	33	420.2	40	3.1		+.3	409.3	41.33	5062.76	303.77		-6.32	338.78	
		33-N	36	406.5	41	3.2		+.3	395.7	39.96	5085.35	305.12		-6.34	338.74	
		34-N	40	393.7	39	3.0		+.3	382.7	38.65	5106.84	306.41		-6.35	338.71	
		35-N	43	382.1	38	3.0		+.4	371.2	37.49	5127.46	307.65		-6.37	338.77	
		36-N	47	376.5	37	2.9		+.4	365.5	36.91	5138.29	308.30		-6.39	338.82	
		37-N	51	367.9	36	2.8		+.4	356.8	36.03	5153.27	309.20		-6.40	338.83	
		38-N	55	354.6	37	2.9		+.5	343.7	34.71	5174.88	310.49		-6.42	338.78	
		39-N	58	347.0	36	2.8		+.5	336.0	33.93	5189.53	311.37		-6.44	338.86	
		40-N	62	343.5	38	3.0		+.5	332.7	33.60	5196.51	311.79		-6.45	338.94	
		41-N	66	339.6	40	3.1		+.6	329.0	33.22	5204.85	312.29		-6.47	339.04	
		42-N	70	338.5	36	2.8		+.6	327.6	33.08	5208.18	312.49		-6.49	339.08	
		43-N	74	336.4	40	3.1		+.6	325.8	32.90	5212.31	312.74		-6.50	339.14	
		44-N	77	332.0	40	3.1		+.7	321.5	32.47	5221.24	313.27		-6.52	339.22	
		45-N	81	326.6	37	2.9		+.7	315.9	31.90	5231.30	313.88		-6.54	339.24	
		46-N	84	326.0	38	3.0		+.7	315.4	31.85	5233.56	314.01		-6.55	339.31	
		47-N	88	320.7	41	3.2		+.7	310.3	31.34	5242.34	314.54		-6.57	339.31	
		48-N	91	320.2	40	3.1	-14.3	+.8	309.8	31.29	5245.14	314.71		-6.59	339.41	

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE 20/09/76 OPERATOR TIM KIRBY INSTRUMENT # 104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 172-W		49-N	94	316.5	42	3.3	-14.3	+.8	306.3	30.93	5252.52	315.15		-6.60	339.48	
INT.		50-N	97	315.7	39	3.0		+.8	305.2	30.82	5256.02	315.36		-6.62	339.56	
	B.S. # 28		107	231.3	36.	2.8	-14.3	+0.9	220.7							
	B.S. # 28		0	231.0	36	2.8	-13.1	0	220.7	22.29						
L. 156-W		42+00-N	14	158.1	39	3.0		+.2	148.2	14.97	5458.59	327.52		-6.31	336.18	
VERY BAD		43-N	20	144.4	40	3.1		+.3	134.7	13.60	5483.50	329.01		-6.32	336.29	
WIND		44-N	25	135.9	33	2.6		+.4	125.8	12.70	5500.50	330.03		-6.34	336.39	
∴ POOR READING		45-N	29	129.5	37	2.9		+.5	119.8	12.10	5514.42	330.87		-6.36	336.61	
NOT BAD →		46-N	33	124.9	37	2.9		+.5	115.2	11.63	~~5508.25~~ 25.45	~~330.50~~ 331.47		-6.37	335.76	* 336.73
		47-N	36	118.7	38	3.0		+.6	109.2	11.03	5536.50	332.19		-6.39	336.83	
		48-N	40	112.8	38	3.0		+.6	103.3	10.43	5546.47	332.79		-6.41	336.81	
		49-N	45	115.5	38	3.0		+.7	106.1	10.71	5547.63	332.86		-6.42	337.15	
		50-N	49	123.9	38	3.0		+.8	114.6	11.57	5539.38	332.36		-6.44	337.49	
INT. T.L @ 51-N			53	127.5	40	3.1		+.8	118.3	11.95	5537.61	332.26		-6.46	337.75	
	BS # 28		63	230.0	36	2.8	-13.1	+1.0	220.7	22.29						
	B.S. # 28		0	229.5	36	2.8	-11.6	0	220.7							
L. 164-W		50+00 N	4	220.1	37	2.9		0	211.4	21.35	5420.77	325.25		-6.53	340.07	*
175' → T.L.		49-N	8	202.8	38	3.0		0	194.2	19.61	5423.54	325.41		-6.51	338.51	
		48-N	12	207.5	39	3.0		+.1	199.0	20.10	5415.04	324.90		-6.50	338.50	
		47-N	16	204.9	41	3.2		+.1	196.6	19.85	5416.44	324.99		-6.48	338.36	
		46-N	19	207.6	37	2.9		+.1	199.0	20.10	5411.03	324.66		-6.46	338.30	
		45-N	22	211.4	39	3.0		+.1	202.9	20.49	5403.22	324.19		-6.45	338.23	
		44-N	25	214.7	39	3.0	-11.6	+.1	206.2	20.82	5394.37	323.66		-6.43	338.05	

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GRAVITY DATA

JOB No. DATE 20/09/76 OPERATOR Tim Kirby INSTRUMENT #104-R INSTR. CONSTANT .100985 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.164-W		43-N	28	220.1	34	2.6	-11.6	+.1	211.2	21.33	5383.70	323.02		-6.41	337.94	
		42-N	32	223.9	40	3.1		+.1	215.5	21.76	5375.45	322.53		-6.40	337.89	
		41-N	35	229.4	38	3.0		+.1	220.9	22.31	5364.50	321.87		-6.38	337.80	
		40-N	38	235.4	37	2.9		+.2	226.9	22.91	5353.00	321.18		-6.36	337.73	
		39-N	42	245.8	38	3.0		+.2	237.4	23.97	5334.42	320.07		-6.35	337.69	
		38-N	45	258.7	38	3.0		+.2	250.3	25.28	5311.41	318.68		-6.33	337.63	
		37-N	48	268.3	32	2.5		+.2	259.4	26.20	5293.03	317.58		-6.31	337.47	
		36-N	52	286.8	39	3.0		+.2	278.4	28.11	5261.46	315.69		-6.30	337.50	
		35-N	56	303.8	35	2.7		+.2	295.1	29.80	5233.14	313.99		-6.28	337.51	
		34-N	60	329.6	37	2.9		+.2	321.1	32.43	5195.47	~~311.53~~ 311.37		~~-6.26~~	~~337.70~~	*337.54
		33-N	63	340.8	38	3.0		+.3	332.5	33.58	5169.71	310.18		-6.25	337.51	
		32-N	66	365.0	41	3.2		+.3	356.9	36.04	5128.85	307.73		-6.23	337.54	
		31-N	70	382.7	39	3.0		+.3	374.4	37.81	5099.41	305.96		-6.21	337.56	
		30-N	73	400.5	42	3.3		+.3	392.5	39.64	5070.66	304.24		-6.19	337.69	
		29-N	76	417.6	41	3.2		+.3	409.5	41.35	5043.24	302.59		-6.18	337.76	
		28-N	80	431.9	41	3.2		+.3	423.8	42.80	5020.44	301.23		-6.16	337.87	
		27-N	83	448.3	41	3.2		+.3	440.2	44.45	4994.14	299.65		-6.14	337.96	
		26-N	87	461.2	40	3.1		+.4	453.1	45.76	4973.44	298.41		-6.13	338.04	
		25-N	90	476.8	40	3.1		+.4	468.7	47.33	4949.25	296.96		-6.11	338.18	
	B.S #36		98	493.4	36	2.8	-11.6	+0.4	485.0							
	B.S #36		0	493.1	36	2.8	-10.9	0	485.0	48.98						
L.164-W		24+00N	10	484.9	35	2.7		0	476.7	48.14	4937.51	296.25		-6.09	338.30	
		23-N	14	493.3	35	2.7		+.1	485.2	49.00	4924.00	295.44		-6.08	338.36	
		22-N	17	500.6	40	3.1		+.1	492.9	49.78	4911.15	294.67		-6.06	338.39	

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GRAVITY DATA

JOB No. DATE 20/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 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. 164-W		21-N	20	507.6	36	2.8		+.1	499.6	50.45	4899.58	293.97		-6.04	338.38	
		20-N	24	513.5	41	3.2		+.1	505.9	51.09	4888.86	293.33		-6.03	338.39	
		19-N	27	519.3	35	2.7		+.1	511.2	51.62	4878.20	292.69		-6.01	338.30	
marked as 19-N		18-N	30	526.5	41	3.2		+.1	518.9	52.40	486374	291.82		-6.99	338.23	
18-N		17-N	34	532.6	38	3.0		+.1	524.8	53.00	4853.50	291.21		-5.98	338.23	
17-N		16-N	38	538.6	37	2.9		+.1	530.7	53.59	4841.67	290.50		-5.96	338.13	
16-N		15-N	42	542.6	38	3.0		+.1	534.8	54.01	4833.10	289.99		-5.94	338.06	
15-N		14-N	45	546.4	38	3.0		+.2	538.7	54.40	4824.91	289.49		-5.93	337.96	
14 & 13		13-N	48	552.9	37	2.9		+.2	545.1	55.05	4812.63	288.76		-5.91	337.90	
13		12-N	52	559.5	38	3.0		+.2	551.8	55.72	4800.55	288.03		-5.89	337.86	
12		11-N	55	563.3	34	2.6		+.2	555.2	56.07	4792.25	287.54		-5.88	337.73	
10 or 11		10-N	59	565.0	38	3.0		+.2	557.3	56.28	4789.49	287.37		-5.86	337.79	
10		9-N	63	564.8	41	3.2		+.2	557.3	56.28	4786.66	287.20		-5.84	337.64	
10 + 9		8-N	67	563.6	35	2.7		+.2	555.6	56.11	4785.90	287.15		-5.82	337.44	
8		7-N	72	562.6	39	3.0		+.2	554.9	56.04	4785.74	287.14		-5.81	337.37	
7		6-N	76	562.2	36	2.8		+.3	554.4	55.99	4786.69	287.20		-5.79	337.40	
6		5-N	80	558.7	40	3.1		+.3	551.2	55.66	4793.07	287.58		-5.77	337.47	
5		4-N	84	554.2	41	3.2		+.3	546.8	55.22	4800.76	288.05		-5.76	337.51	
4		3-N	88	548.8	37	2.9		+.3	541.1	54.64	4809.34	288.56		-5.74	337.46	
3		2-N	92	544.4	41	3.2		+.3	537.0	54.23	4816.95	289.02		-5.72	337.53	
2		1-N	96	540.0	36	2.8		+.3	532.2	53.74	4824.95	289.50		-5.71	337.53	
0,00 → 1+00 N		0+00	99	533.5	38	3.0		+.3	525.9	53.11	4835.31	290.12		-5.69	337.54	← 0.00
0+00		1+00 S	102	525.9	41	3.2		+.3	518.5	52.36	4848.17	290.89		-5.67	337.58	
1+00 S		2-S	107	516.1	37	2.9		+.4	508.5	51.35	4863.62	291.82		-5.66	337.51	
		3-S	111	508.0	37	2.9		+.4	500.4	50.53	4875.74	292.54		-5.64	337.43	

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GRAVITY DATA

JOB No. DATE 20/09/76 OPERATOR Tim KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.164-W		4-S	115	500.5	38	3.0		+.4	493.0	49.79	4886.98	293.22		-5.62	337.39	
		5-S	120	491.3	36	2.8		+.4	483.6	48.84	4901.07	294.05		-5.61	337.29	
		6-S	124	483.5	38	3.0		+.4	476.0	48.07	4912.62	294.76		-5.59	337.24	
		7-S	127	477.8	41	3.2		+.4	470.5	47.51	4920.32	295.22		-5.57	337.16	
		8-S	132	467.6	35	2.7		+.5	459.9	46.44	4935.20	296.11		-5.56	336.99	
		9-S	136	458.7	38	3.0		+.5	451.3	45.57	4948.30	296.90		-5.54	336.93	
T.L.@ 9+25-S/9-S		10-S	140	450.1	39	3.0		+.5	442.7	44.71	4960.39	297.62		-5.52	336.81	
	B.S.#34		148	475.5	37	2.9	-10.9	+0.5	468.0							

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GRAVITY DATA

JOB No. DATE 21/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS #59		0	856.0	37	2.9	-14.9	0	844.0	85.23						
L. 308-W		25+00-N	7	911.2	40	3.1		+0.3	899.7	90.86	4325.33	259.52		-7.75	342.63	
		24-N	14	923.3	42	3.3		+0.5	912.2	92.12	4300.96	258.06		-7.73	342.45	
BUST!!		23-N	19	941.9	40	3.1		+0.7	930.8	94.00	4266.06	255.96		-7.72	342.24	
		22-N	23	957.8	38	3.0		+0.8	946.7	95.60	4234.48	254.07		-7.70	341.97	
		21-N	28	973.0	43	3.3		+1.0	962.4	97.19	4201.84	252.11		-7.68	341.62	* 341.62
		20-N	32	980.5	41	3.2		+1.2	970.0	97.96	4187.99	251.28		-7.67	341.57	* 341.56
		19-N	36	984.0	39	3.0		+1.3	973.4	98.30	4178.15	250.69		-7.65	341.34	
		18-N	40	982.5	39	3.0		+1.4	972.0	98.16	4179.09	250.75		-7.63	341.28	
		17-N	44	976.5	43	3.3		+1.6	966.5	97.60	4187.37	251.24		-7.62	341.22	
		16-N	48	964.8	39	3.0		+1.7	954.6	96.40	4208.92	252.54		-7.60	341.34	
		15-N	53	947.5	35	2.7		+1.9	937.2	94.64	4237.55	254.25		-7.58	341.31	*
		14-N	58	930.1	42	3.3		+2.1	920.6	92.97	4271.61	256.30		-7.57	341.70	
		13-N	63	910.8	38	3.0		+2.3	901.2	91.01	4306.28	258.38		-7.55	341.84	
		12-N	67	890.5	37	2.9		+2.4	880.9	88.96	4342.42	260.55		-7.53	341.98	
		11-N	73	871.5	37	2.9		+2.6	862.1	87.06	4377.42	262.65		-7.52	342.19	
		10-N	77	857.2	38	3.0		+2.8	848.1	85.65	4402.53	264.15		-7.50	342.30	
		9-N	81	843.3	38	3.0		+2.9	834.3	84.25	4426.74	265.60		-7.48	342.37	
		8-N	85	836.5	39	3.0		+3.1	827.7	83.59	4440.09	266.41		-7.46	342.54	
		7-N	89	827.0	39	3.0		+3.2	818.3	82.64	4456.86	267.41		-7.45	342.60	
		6-N	94	819.2	34	2.6		+3.4	810.3	81.82	4470.79	268.25		-7.43	342.64	
		5-N	97	806.0	38	3.0		+3.5	797.6	80.55	4493.41	269.60		-7.41	342.74	
		4-N	101	795.6	39	3.0		+3.6	787.3	79.51	4511.11	270.67		-7.40	342.78	
		3-N	105	787.7	40	3.1		+3.8	779.7	78.74	4524.20	271.45		-7.38	342.81	
		2-N	109	778.8	36	2.8	-14.9	+3.9	770.6	77.82	4539.41	272.36		-7.36	342.82	

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GRAVITY DATA

JOB No. DATE 21/09/76 OPERATOR Tim Kirby INSTRUMENT #104-R INSTR. CONSTANT .100985 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.308-W	M.A. 1-S →	1-N	113	771.4	40	3.1	-14.9	+4.1	763.7	77.12	4552.81	273.17		-7.35	342.94	
marked as 1+00-S		0+00	117	761.2	39	3.0		+4.2	753.5	76.09	4569.24	274.15		-7.33	342.91	
2-S		1+00S	122	755.8	37	2.9		+4.4	748.2	75.56	4578.69	274.72		-7.31	342.97	
3-S		2-S	126	749.1	39	3.0		+4.5	741.7	74.90	4589.55	275.37		-7.30	342.97	
4-S		3-S	130	744.3	39	3.0		+4.7	737.1	74.44	4597.69	275.86		-7.28	343.02	
5-S		4-S	134	739.3	34	2.6		+4.8	731.8	73.90	4605.98	276.36		-7.26	343.00	
BUST!!		5-S	138	731.9	39	3.0		+5.0	725.0	73.21	4616.92	277.02		-7.25	342.98	
T.L. 7-S	B.S.#58	6-S	144	722.8	40	3.1	-14.9	(+5.2)	716.2	72.33	4630.78	277.85		-7.23	342.95	
	B.S.#58		0	721.9	40	3.1	-8.8	0	716.2	72.33	4630.78	277.85		-7.23	342.95	
marked as 7+S		8-S	3	716.3	38	3.0		0	710.5	71.75	4639.90	278.39		-7.21	342.93	
	8	9-S	7	706.2	36	2.8		0	700.2	70.71	4655.37	279.32		-7.20	342.83	
	9	10-S	10	696.0	37	2.9		0	690.1	69.69	4670.86	280.25		-7.18	342.76	
	10	11-S	13	688.9	41	3.2		+.1	683.4	69.01	4681.26	280.88		-7.16	342.73	
	11	12-S	17	682.2	38	3.0		+.1	676.5	68.32	4692.39	281.54		-7.14	342.72	
	12	13-S	20	676.1	36	2.8		+.1	670.2	67.68	4701.65	282.10		-7.13	342.65	
	13	14-S	23	670.6	36	2.8		+.1	664.7	67.12	4709.33	282.56		-7.11	342.57	
	14	15-S	26	665.2	39	3.0		+.1	659.5	66.60	4717.17	283.03		-7.09	342.54	
	15	16-S	30	661.5	41	3.2		+.1	656.0	66.25	4723.86	283.43		-7.08	342.60	*
	16	17-S	33	657.2	36	2.8		+.1	651.3	65.77	4728.77	283.73		-7.06	342.44	
	17	18-S	37	651.5	39	3.0		+.2	645.9	65.23	4735.60	284.14		-7.04	342.33	
	18	19-S	40	645.7	37	2.9		+.2	640.0	64.63	4744.33	284.66		-7.03	342.26	
	19	20-S	44	640.0	38	3.0		+.2	634.4	64.06	4753.96	285.24		-7.01	342.29	
	20	21-S	47	631.8	40	3.1		+.2	626.3	63.25	~~4743.25~~ 4766.57	~~284.97~~ 286.60		-6.99	~~340.86~~	* 342.25
	21	22-S	51	626.8	36	2.8	-8.8	+.2	621.0	62.71	4773.73	286.42		-6.88	342.25	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 21/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 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.308-W	W	23-S	55	619.1	38	3.0	-8.8	+.2	613.5	61.95	4783.91	287.03		-6.86	342.12	
	23	24-S	61	615.0	41	3.2		+.3	609.7	61.57	4788.24	287.29		-6.84	342.02	
	24	25-S	64	611.4	39	3.0		+.3	605.9	61.19	4793.61	287.62		-6.83	341.98	
	25	26-S	68	606.4	39	3.0		+.3	600.9	60.68	4800.26	288.02		-6.81	341.89	
	26	27-S	71	604.3	38	3.0		+.3	598.8	60.47	4802.63	288.16		-6.79	341.84	
	27	28-S	75	599.9	37	2.9		+.3	594.3	60.02	4808.27	288.50		-6.78	341.74	
	28	29-S	78	596.9	41	3.2		+.3	591.6	59.74	4811.92	288.72		-6.76	341.70	
	29	30-S	82	596.4	38	3.0		+.3	590.9	59.67	4812.84	288.77		-6.74	341.70	
	30	31-S	86	597.3	40	3.1		+.4	592.0	59.78	4810.97	288.66		-6.73	341.71	
	31	32-S	89	598.7	38	3.0		+.4	593.3	59.91	4809.63	288.58		-6.71	341.78	
33	32	33-S	93	599.6	39	3.1		+.4	594.3	60.02	4807.75	288.47		-6.69	341.80	
INT. T.L.	B.S.#55	34-S	98	599.1	36	2.8	-8.8	+0.4	593.5	59.93	4807.90	288.47		-6.67	341.73	
L.308-W.	B.S.#55	34-S 33	0	599.2	36	2.8	-8.5	0	593.5	59.93	4807.90	288.47		-6.67	341.73	
	34	35-S	3	600.5	38	3.0		0	595.0	60.09	4804.03	288.24		-6.66	341.67	
	35	36-S	7	602.3	38	3.0		0	596.8	60.27	4799.58	287.97		-6.64	341.60	
	36	37-S	11	604.0	38	3.0		0	598.5	60.44	4795.03	287.70		-6.62	341.52	
	37	38-S	15	605.8	37	2.9		0	600.2	60.61	4789.30	287.36		-6.61	341.36	
	38	39-S	19	613.8	38	3.0		0	608.3	61.43	4774.53	286.47		-6.59	341.31	
	39	40-S	23	622.2	36	2.8		0	616.5	62.26	4758.41	285.50		-6.57	341.19	
	10	41-S	26	631.4	39	3.0		0	625.9	63.21	4742.17	284.53 ~~286.33~~		-6.56	341.18 ~~342.98~~	
	41	42-S	30	639.8	36	2.8		0	634.1	64.03	4727.37	283.64		-6.54	341.13	
	42	43-S	34	649.4	37	2.9		0	643.8	65.01	4709.96	282.60		-6.52	341.09	
	43	44-S	38	658.4	40	3.1		-.1	652.9	65.93	4693.31	281.60		-6.51	341.02	
	44	45-S	42	666.1	39	3.0	-8.5	-.1	660.5	66.70	4679.06	280.74		-6.49	340.95	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 21/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.308-W	45	46-S	46	671.3	37	2.9	-8.5	-.1	665.6	67.22	4668.66	280.12		-6.47	340.87	
	46	47-S	51	677.9	39	3.0		-.1	672.3	67.89	4655.56	279.33		-6.46	340.76	
	47	48-S	57	683.5	39	3.0		-.1	677.9	68.46	4642.64	278.56		-6.44	340.58	
	48	49-S	61	687.5	36	2.8		-.1	681.7	68.84	4632.73	277.96		-6.42	340.38	
	49	50-S	66	696.0	40	3.1		-.1	690.5	69.73	4615.72	276.94		-6.41	340.26	
	50	51-S	70	703.8	38	3.0		-.1	698.2	70.51	4599.73	275.98		-6.39	340.10	
	51	52-S	74	710.2	36	2.8		-.1	704.4	71.13	4585.64	275.14		-6.37	339.90	
	52	53-S	77	717.8	40	3.1		-.1	712.3	71.93	4568.92	274.14		-6.36	339.71	
VERY SHAKY POOR READING	53	54-S	82	725.3	38	3.0		-.1	719.7	72.68	4551.47	273.09		-6.34	339.43	
	54	55-S	86	736.6	40	3.1		-.1	731.1	73.83	4527.38	271.64		-6.32	339.15	
	55	56-S	90	747.2	37	2.9		-.1	741.5	74.88	4506.21	270.37		-6.30	338.95	
	56	57-S	95	760.4	37	2.9		-.1	754.7	76.21	1480.06	268.80		-6.29	338.72	
	57	58-S	99	773.6	38	3.0		-.1	768.0	77.56	1454.03	267.24		-6.27	338.53	
	58	59-S	103	789.9	41	3.2		-.2	784.4	79.21	4421.91	265.31		-6.25	338.27	
	59	60-S	107	806.7	37	2.9		-.2	800.9	80.88	4392.27	263.54		-6.24	338.18	
	60	61-S	111	822.0	38	3.0		-.2	816.3	82.43	1364.86	261.89		-6.22	338.10	
	61	62-S	116	835.7	39	3.0		-.2	830.0	83.82	1339.47	260.37		-6.20	337.99	
(0.00147 05)	62	63-S	120	855.4	41	3.2		-.2	849.9	85.83	4304.22	258.25		-6.19	337.89	
	63	64-S	124	871.6	38	3.0		-.2	865.9	87.44	4277.42	256.65		-6.17	337.92	
INT.	64	65-S	128	879.2	38	3.0		-.2	873.5	88.21	4264.84	255.89		-6.15	337.95	
	B.S. # 50		136	855.0	34	2.6	-8.5	-0.2	848.9	85.73	(4266.90)					
											65-S & INT. ARE NOT THE SAME					

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 22/09/76 OPERATOR TIM KIRBY INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S. #60		0	804.5	36	2.8	+229.0	0	1036.3	104.65						
L. 316-W.		25+00N	6	782.4	35	2.7		+ .1	1014.2	102.42	4119.98	247.20		-7.84	341.78	
INT. T.L@315W		24-N	12	791.0	41	3.2		+ .1	1023.3	103.34	4095.95	245.76		-7.82	341.28	
⅓ 25-N		23-N	16	774.3	38	3.0		+ .2	1006.5	101.64	4129.77	247.79		-7.81	341.62	
		22-N	22	749.6	36	2.8		+ .2	981.6	99.13	4176.83	250.61		-7.79	341.95	
		21-N	26	730.3	36	2.8		+ .3	962.4	97.19	4213.92	252.84		-7.77	342.26	
		20-N	31	707.1	34	2.6		+ .3	939.0	94.82	4255.82	255.35		-7.76	342.41	
		19-N	36	686.8	42	3.3		+ .4	919.5	92.86	4292.34	257.54		-7.74	342.66	
		18-N	41	667.1	37	2.9		+ .4	899.4	90.83	4330.16	259.81		-7.72	342.92	
		17-N	45	656.7	36	2.8		+ .5	889.0	89.78	4350.58	261.03		-7.71	343.10	
		16-N	48	646.6	40	3.1		+ .5	879.2	88.79	4369.02	262.14		-7.69	343.24	
		15-N	52	638.0	40	3.1		+ .6	870.7	87.93	4385.05	263.10		-7.67	343.36	
		14-N	56	631.3	38	3.0		+ .6	863.9	87.24	4397.52	263.85		-7.66	343.43	
		13-N	60	622.4	40	3.1		+ .6	855.1	86.35	4412.75	264.77		-7.64	343.48	
		12-N	64	615.8	38	3.0		+ .7	848.5	85.69	4425.91	265.55		-7.62	343.62	
		11-N	68	608.2	41	3.2		+ .7	841.1	84.94	4438.15	266.29		-7.61	343.62	
		10-N	72	601.8	40	3.1		+ .8	834.7	84.29	4448.97	266.94		-7.59	343.64	
		9-N	76	592.9	42	3.2		+ .8	825.9	83.31	4462.93	267.78		-7.57	343.52	✓
		8-N	79	587.3	42	3.2		+ .8	820.3	82.84	4472.84	268.37		-7.55	343.66	
		7-N	83	580.6	35	2.7		+ .9	813.2	82.12	4483.87	269.03		-7.54	343.61	
		6-N	86	574.5	38	3.0		+ .9	807.4	81.54	4493.84	269.63		-7.52	343.65	
		5-N	89	567.5	38	3.0		+ .9	800.4	80.83	4504.15	270.25		-7.50	343.58	
		4N	92	560.6	38	3.0		+ 1.0	793.6	80.14	4515.23	270.91		-7.49	343.56	
		3-N	96	553.9	39	3.0		+ 1.0	786.9	79.47	4525.47	271.53		-7.47	343.53	
		2-N	99	547.2	38	3.0	+229.0	+ 1.1	780.3	78.80	4536.07	272.16		-7.45	343.51	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 22/09/76 OPERATOR Tim Kirby INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 316-W		1-N	102	540.7	39	3.0	+229.0	+1.1	773.8	78.14	454637	272.78		-7.44	343.48	
		0+00	106	534.5	39	3.0		+1.1	767.6	77.52	455600	273.36		-7.42	343.46	
		1+00-S	110	529.8	35	2.7		+1.2	762.7	77.02	456376	273.83		-7.40	343.45	
		2-S	114	523.7	42	3.3		+1.2	757.2	76.47	457156	274.29		-7.39	343.37	
		3-S	117	520.3	40	3.1		+1.2	753.6	76.10	457843	274.71		-7.37	343.44	#
		4-S	120	514.2	40	3.1		+1.3	747.6	75.50	458672	275.20		-7.35	343.35	
		5-S	123	508.6	40	3.1		+1.3	742.0	74.93	459492	275.70		-7.34	343.29	
T.L. 10-S @		6-S	127	504.3	37	2.9		+1.3	737.5	74.48	460157	276.09		-7.32	343.25	
6+80-S!		7-S	131	500.5	37	2.9		+1.4	733.8	74.10	460734	276.44		-7.30	343.24	
(0,0' 06250)		8-S	134	496.7	38	3.0		+1.4	730.1	73.73	461339	276.80		-7.29	343.24	
		9-S	138	491.9	36	2.8		+1.5	725.2	73.23	461976	277.19		-7.27	343.15	
		10-S	141	487.2	38	3.0		+1.5	720.7	72.78	462527	277.52		-7.25	343.05	
		11-S	145	484.0	37	2.9		+1.5	717.4	72.45	463031	277.82		-7.23	343.04	
	B.S. #57		160	557.9	39	3.0	+229.0	+1.7	791.6	79.94						
	B.S. #57		0	557.6	39.	3.0	+231.0	0	791.6	79.94						
L.316-W		12-S	13	480.1	38	3.0		0	714.1	72.11	463598	278.16		-7.22	343.05	
		13-S	16	476.7	39	3.0		-.1	710.6	71.76	464126	278.48		-7.20	343.04	
		14-S	19	473.8	40	3.1		-.1	707.8	71.48	464622	278.77		-7.18	343.07	
		15-S	22	472.3	38	3.0		-.1	706.2	71.32	464779	278.87		-7.17	343.02	
		16-S	25	467.6	40	3.1		-.1	701.6	70.85	465356	279.21		-7.15	342.91	
		17-S	28	463.5	40	3.1		-.1	697.5	70.44	465851	279.51		-7.13	342.82	
		18-S	31	460.2	37	2.9		-.1	694.0	70.08	466288	279.77		-7.12	342.73	
		19-S	35	455.6	38	3.0		-.1	689.5	69.63	466963	280.18		-7.10	342.71	
		20-S	38	447.9	37	2.9	+231.0	-.1	681.7	68.84	468204	280.92		-7.08	342.68	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 12/09/76 OPERATOR Tim Kirby INSTRUMENT #104-R INSTR. CONSTANT .100985 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.316-W		21-S	41	440.3	39	3.0	+231.0	-.1	674.2	68.08	4692.87	281.57		-7.07	342.58	
		22-S	44	433.4	39	3.0		-.1	667.3	67.39	4703.00	282.18		-7.05	342.52	
		23-S	47	428.1	39	3.0		-.2	661.9	66.84	4712.82	282.77		-7.03	342.58	
		24-S	50	420.5	39	3.0		-.2	654.3	66.07	4724.82	283.49		-7.02	342.54	
		25-S	54	415.3	38	3.0		-.2	649.1	65.55	4732.58	283.95		-7.00	342.50	
		26-S	57	411.0	38	3.0		-.2	644.8	65.12	4738.59	284.32		-6.98	342.45	
		27-S	60	407.3	39	3.0		-.2	641.1	64.74	4743.71	284.62		-6.97	342.39	
		28-S	63	404.9	36	2.8		-.2	638.5	64.48	4746.00	284.76		-6.95	342.29	
		29-S	66	405.3	41	3.2		-.2	639.3	64.56	4744.08	284.64		-6.93	342.27	
(0.003967)		30-S	69	405.5	38	3.0		-.2	639.3	64.56	4743.37	284.60		-6.92	342.24	
		31-S	73	406.7	36	2.8		-.2	640.3	64.66	4740.84	284.45		-6.90	342.21	
		32-S	76	408.6	38	3.0		-.3	642.3	64.86	4735.14	284.13		-6.88	342.11	
		33-S	79	411.4	37	2.9		-.3	645.0	65.14	4730.15	283.81		-6.86	342.09	
INT. T.L.		34-S	82	415.6	35	2.7		-.3	649.0	65.54	4721.94	283.32		-6.85	342.01	
	B.S. #54		91	478.6	38	3.0	+231.0	-0.3	712.3	71.93						
	B.S. #54		0	478.5	38	3.0	+230.8	0	712.3	71.93						
L.316-W		35+00-S	9	421.4	34	2.6		0	654.8	66.12	4710.64	282.64		-6.83	341.93	
		36-S	12	428.2	36	2.8		0	661.8	66.83	4699.05	281.94		-6.81	341.96	
		37-S	15	430.8	39	3.0		-.1	664.5	67.10	4692.81	281.57		-6.80	341.87	
		38-S	18	436.2	37	2.9		-.1	669.8	67.64	4682.09	280.93		-6.78	341.79	
		39-S	21	444.0	35	2.7		-.1	677.4	68.41	~~4668.28~~ 4663.03	~~280.68~~ 279.78		-6.76	~~341.43~~	*341.75
		40-S	24	449.0	37	2.9		-.1	682.6	68.93	4656.65	279.40		-6.75	341.58	
		41-S	28	457.1	39	3.0		-.1	690.8	69.76	4641.79	278.51		-6.73	341.54	
		42-S	31	462.2	40	3.1	+230.8	-.1	696.0	70.29	4628.75	277.73		-6.71	341.31	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 23/09/76 OPERATOR Tim KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 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.316-W		43-S	34	468.2	41	3.2	+230.8	-.1	702.1	70.90	~~4615.21~~ 4610.97	~~236.91~~ 276.66		-6.70	~~340.86~~	~~341.11~~
		44-S	37	475.0	40	3.1		-.1	708.8	71.58	4600.65	276.04		-6.68	340.94	
		45-S	40	480.7	41	3.2		-.1	714.6	72.16	4587.78	275.27		-6.66	340.77	
		46-S	43	487.2	37	2.9		-.2	720.7	72.78	4572.88	274.37		-6.65	340.50	
		47-S	47	496.2	39	3.0		-.2	729.8	73.70	~~4553.57~~ 4547.28	~~273.27~~ 272.84		-6.63	~~339.91~~	* 340.29
		48-S	54	508.5	38	3.0		-.2	742.1	74.94	4530.72	271.84		-6.61	340.17	1
		49-S	58	516.8	38	3.0		-.2	750.4	75.78	4513.15	270.79		-6.60	339.97	
		50-S	61	526.3	36	2.8		-.2	759.7	76.72	4492.65	269.56		-6.58	339.70	
		51-S	65	537.9	39	3.0		-.2	771.5	77.91	~~4470.89~~ 4491.45	~~268.25~~ 269.49		-6.56	~~340.84~~	* 339.60
		52-S	69	554.2	38	3.0		-.2	787.8	79.56	4440.83	266.45		-6.55	339.46	
		53-S	73	568.2	38	3.0		-.3	801.7	80.96	4416.06	264.96		-6.53	339.39	
		54-S	77	583.4	37	2.9		-.3	816.8	82.48	4388.26	263.30		-6.51	339.27	
		55-S	82	597.7	41	3.2		-.3	831.4	83.96	4361.99	261.72		-6.49	339.19	
		56-S	86	610.9	37	2.9		-.3	844.3	85.26	4338.46	260.31		-6.48	339.09	
		57-S	90	625.1	36	2.8		-.3	858.4	86.69	4312.92	258.78		-6.46	339.01	
		58-S	95	636.9	41	3.2		-.3	870.6	87.92	4290.59	257.44		-6.44	338.92	
		59-S	100	643.1	42	3.3		-.4	876.8	88.54	4275.42	256.53		-6.43	338.64	
(0.003514)		60-S	104	652.7	38	3.0		-.4	886.1	89.48	4255.10	255.31		-6.41	338.38	
		61-S	108	665.1	39	3.0		-.4	898.5	90.74	4226.68	253.60		-6.39	337.95	
		62-S	112	683.1	36	2.8		-.4	916.3	92.53	4189.76	251.39		-6.38	337.54	
		63-S	115	698.5	37	2.9		-.4	931.8	94.10	4158.04	249.48		-6.36	337.22	
		64-S	119	712.7	39	3.0		-.4	946.1	95.54	4128.56	247.71		-6.34	336.91	
SWAMPY, VERY POOR READING		65-S	122	712.5	38	3.0		-.4	945.9	95.52	N.R.			-6.33		
	BS.#50		140	615.6	38	3.0	+230.8	-0.5	848.9	85.73						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 23/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S. #59		0	614.4	36	2.8	*226.8	0	844.0							
L. 308-W		25+00-N	9	669.2	41	3.2	+.2	+.2	899.4		4328.33	+.3		-7.75	+.6	-.3
		24-N	13	681.9	41	3.2		+.4	912.2		4300.96	+.3		-7.73	+.3	—
		23-N	17	700.2	40	3.1		+.5	930.6		4266.06	+.4		-7.72	+1.0	-.2
		22-N	22	715.8	42	3.3		+.6	946.5		4234.48	+.3		-7.70	+1.0	-.2
		21-N	27	731.8	40	3.1		+.7	962.4	97.19	4201.84	252.110		-7.68	341.62	—
		20-N	31	739.4	37	2.9		+.8	969.9	97.95	4187.99	251.28		-7.67	341.56	—
		19-N	35	742.8	41	3.2		+.9	973.7		4178.15	+1.2		-7.64	.9	-.1
		18-N	40	741.4	40	3.1		+1.1	972.4		4179.09	+1.0		-7.63	.6	-.1
		17-N	43	735.9	40	3.1		+1.2	967.0		4187.37	+1.8		-7.62	.3	—
		16-N	46	724.1	40	3.1		+1.2	955.2		4208.92	+1.6		-7.60	—	—
		15-N	51	707.2	35	2.7		+1.4	938.1		4237.55	+1.6		-7.58	.3	—
		14-N	56	689.9	36	2.8		+1.5	921.0		4271.61	+.9		-7.57	.4	-.1
		13-N	61	670.3	38	3.0		+1.6	901.7		4306.28	+1.4		-7.55	.1	—
		12-N	65	650.4	36	2.8		+1.7	881.7		4342.42	+1.4		-7.53	.5	—
		11-N	70	631.4	36	2.8		+1.9	862.9		4377.42	+.7		-7.52	.1	—
		10-N	75	617.1	40	3.1		+2.0	849.0		4402.53	+.7		-7.50	—	—
		9-N	80	603.7	37	2.9		+2.1	835.5		4426.74	+1.0		-7.48	.2	—
		8-N	85	596.6	38	3.0		+2.3	828.6		4433.68	+1.0		-7.46	.1	—
		7-N	89	586.9	40	3.1		+2.4	819.2		4456.86	+0.9		-7.45	—	—
		6-N	93	579.3	36	2.8		+2.5	811.4		4470.79	+.7		-7.43	+.1	—
		5-N	97	565.7	39	3.0		+2.6	798.1		4493.41	+.7		-7.41	+.4	—
		4-N	101	555.3	39	3.0		+2.7	787.8		4511.11	+1.1		-7.40	+.6	-.1
		3-N	105	547.5	43	3.3		+2.8	780.5		4524.20	+1.0		-7.38	+.2	+.8
shaky		2-N	110	538.6	37	2.9	*226.8	+2.9	771.2		4539.41	+0.5		-7.36	-.1	+.6

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 23/09/76 OPERATOR TIM KIRBY INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L 308-W	M.A. 1+00-S	1-N	114	531.0	39	3.0		+3.1	763.9	763.4	4552.81		7637	-7.35	+.4	
marked as 1+00-S		0+00	118	521.0	37	2.9		+3.2	753.8	[illegible]	4569.24		[illegible]	-7.33	[illegible]	
2-S		1+00-S	122	515.5	38	3.0		+3.3	748.5	748.6	4578.69	KNOCK	[illegible]	-7.31	[illegible]	
		2-S	126	508.7	41	3.2		+3.4	742.1	737.0	4589.55		[illegible]	-7.30	[illegible]	
		3-S	130	504.0	39	3.0		+3.5	737.3	[illegible]	4597.69		[illegible]	-7.28	[illegible]	
		4-S	134	498.6	38	3.0		+3.6	731.9	[illegible]	4605.98		[illegible]	-7.26	[illegible]	
		5-S	138	491.7	40	3.1		+3.7	725.3	716.2	4616.94		[illegible]	-7.25		
	BS #58	~~6-S~~	142	482.6	38	3.0	+2268	+3.8	716.2		4630.78			-7.23		

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 23/09/76 OPERATOR TIM KIRBY INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.308-W	BS.#58	6+00-S	0	481.6	38	3.0	231.6	0	716.2							
		5-S	4	490.2	39	3.0		0	724.8	73.19						
		4-S	8	497.4	36	2.8		0	731.8	73.90						
		3-S	11	502.4	38	3.0		0	737.0	74.43						
		2-S	17	513.8	41	3.2		0	748.6	75.60						
		1-S	22	518.4	39	3.0		0	753.0	76.04						
		0+00	27	528.8	38	3.0		0	763.4	77.09						
2N →		2-N	33	536.2	37	2.9		0	770.7	77.83						
		2-N	38	544.9	38	3.0		0	779.5	78.72						
4N		3-N	41	552.1	39	3.0		0	786.7	79.44						
		4-N	45	562.7	37	2.9		0	797.2	80.51						
		5-N	49	576.0	34	2.6		0	810.2	81.82						
		6-N	52	583.7	39	3.0		0	818.3	82.64						
		7-N	56	593.2	36	2.8		0	827.6	83.58						
		8-N	60	600.0	37	2.9		0	834.5	84.27						
		9-N	64	613.6	37	2.9		0	848.1	85.65						
		10-N	69	627.7	37	2.9		0	862.2	87.07						
		11-N	74	647.0	35	2.7		0	881.3	89.00						
		12-N	80	666.7	39	3.0		0	901.3	91.02						
		13-N	84	685.3	42	3.3		0	920.2	92.93						
		14-N	90	703.1	36	2.8		0	937.5	94.67						
		15-N	94	720.0	38	3.0		0	954.6	96.40						
		16-N	99	731.3	42	3.3		0	966.2	97.57						
↓		17-N	103	736.7	40	3.1		0	971.4	98.10						
19-N		18-N	110	737.8	40	3.1		0	972.5	98.21						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 23/09/76 OPERATOR Tim Kirby INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
20-N		19-N	118	734.4	40	3.1		0	969.1	97.86						
		20-N	122	727.0	36	2.8		0	961.4	97.09						
		21-N	127	711.1	38	3.0		0	945.7	95.50						
		22-N	133	695.1	40	3.1		0	929.8	93.90						
↓		23-N	139	676.8	45	3.5		0	911.9	92.09						
25N		24-N	143	664.4	40	3.1		0	899.1	90.80						
		~~25-N~~														
	B.S.#59		153	609.7	35	2.7	+231.6	0	844.0	85.23						

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GRAVITY DATA

JOB No. DATE 24/09/76 OPERATOR Tim Kirby INSTRUMENT #104-R(WS) INSTR. CONSTANT .100985 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	
	B.S.#32		0	260.5	42	3.3	+225.0	0	488.8	49.36						
L. 212-W		9+00-S	7	286.4	39	3.0		+.1	514.6	51.96	4878.6~					
		10+00-S	11	292.6	44	3.4		+.2	521.~	52.63	4868.10'	292.09		-6.07	338.65'	
T.L. 10-S@		11-S	14	297.1	40	3.1		+.3	526.6	53.07	4859.85'	291.59		-6.05	338.61	
8+60-S.		12-S	18	300.2	44	3.4		+.4	529.0	53.42	4853.42	291.21		-6.04	338.50	
		13-S	21	303.0	42	3.3		+.4	531.7	53.69	4848.65'	290.92		-6.02	338.50	
		14-S	25	305.0	42	3.3		+.5	533.8	53.91	4844.31	290.66		-6.00	338.57	
		15-S	29	305.7	39	3.0		+.6	534.3	53.96	4842.68	290.56		-5.99	338.53	
		16-S	34	307.7	43	3.3		+.7	536.7	54.20	4837.53	290.25'		-5.97	338.48	
		17-S	38	311.5	39	3.0		+.8	540.3	54.56	4832.65'	289.95'		-5.95	338.57	
		18-S	42	314.4	42	3.3		+.8	543.5	54.89	4827.97	289.68		-5.94	338.63	
		19-S	45	315.1	42	3.3		+.9	544.3	54.97	4826.30	289.58		-5.92	338.63	
		20-S	49	312.4	39	3.0		+1.0	541.4	54.67	4830.66	289.84		-5.90	338.61	
		21-S	53	309.3	41	3.2		+1.0	538.5	54.38	4833.78	290.03		-5.89	338.52	
		22-S	56	306.0	40	3.1		+1.1	535.2	54.05	4837.91	290.27		-5.87	338.45'	
		23-S	60	305.6	46	3.6		+1.2	534.8	54.01	4837.44	290.25'		-5.85	338.41	
		24-S	64	307.6	39	3.0		+1.3	536.9	54.22	4834.36	290.06		-5.84	338.44	
		25-S	67	310.7	41	3.2		+1.3	540.2	54.55	4827.95'	289.68		-5.82	338.41	
		26-S	70	313.3	42	3.3		+1.4	543.0	54.83	4821.69	289.30		-5.80	338.33	
		27-S	75	318.8	40	3.1		+1.5	548.4	55.38	4810.16	288.61		-5.79	338.20	*
		28-S	79	328.2	42	3.3		+1.6	558.1	56.36	4797.15'	287.83- 286.75		-5.77	338.42 337.34	* deleted
		29-S	83	319.3	41	3.2		+1.6	549.1	55.45	4809.80	288.59		-5.75'	338.29	
		30-S	86	322.1	37	2.9		+1.7	551.7	55.71	4804.67	288.28		-5.74	338.25'	
		31-S	90	324.3	41	3.2		+1.8	554.3	55.98	4800.09	288.01		-5.72	338.27	
		32-S	93	325.1	40	3.1		+1.8	555.0	56.05	4797.84	287.87		-5.70	338.22	
		33-S	97	326.5	38	3.0		+1.9	556.4	56.19	4794.09	287.65'		-5.68	338.16	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 24/09/76 OPERATOR Tim KIRBY INSTRUMENT # 104-R (WS) INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
INT. T.L. 35S		34-S	101	333.1	41	3.√		+2.0		56.88	4781.66	286.90		-5.67	338.11	
(0.0198019)		35-S														
	BS#50		105	338.3	40	3.1	+225.0	+2.1	568.5							

GRAV- MYE-SARK ①

MYE-SARK

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 9/76 OPERATOR J.M. INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr. .06	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity
T.L. 25-N	BS #38	204-W	0	616.4	33	2.5	-161.7	0	457.2	46.42					
			3	614.9	31	2.4		0	455.6	46.25					
		200	6	609.6	38	2.9		0	450.8	45.77					
			10	609.4	31	2.4		0	450.1	45.69					
		196-W	13	613.3	30	2.3		+.1	454.0	46.09	4996.81				
			17	614.2	31	2.4		+.1	455.0	46.19	4993.45				
		192	21	617.2	37	2.9		+.1	458.5	46.54	4987.13				
			24	622.6	33	2.5		+.1	463.5	47.06	4977.66				
Rd crosses at 188+10-W.		188-W	28	628.7	35	2.7		+.1	469.8	47.69	4964.99				
			32	633.3	33	2.5		+.1	474.2	48.15	4955.23				
		184	36	637.7	34	2.6		+.2	478.8	48.61	4945.39				
			40	644.3	32	2.5		+.2	485.3	49.26	4933.35				
	BS #37	180-W.	44	644.9	31	2.4	-161.7	+0.2	485.8	49.32	4931.73				
L. 204-W.	BS #38	SPITE INT.	0	616.2	35	2.7	-161.7	0	457.2	46.42	4997.10	299.83		-6.57	339.68
		24-N	2	620.4	34	2.6		0	461.3	46.84	4988.73	299.32		-6.55	339.61
			5	626.4	33	2.6		0	467.3	47.44	4977.16	298.63		-6.54	339.53
		22	8	633.4	34	2.6		+.1	474.4	48.16	4964.43	297.87		-6.52	339.51
			11	637.2	32	2.5		+.1	478.1	48.54	4956.31	297.38		-6.50	339.42
		20	14	643.2	34	2.6		+.1	484.2	49.16	4944.05	296.64		-6.49	339.31
			16	647.7	33	2.5		+.1	488.6	49.60	4934.66	296.08		-6.47	339.21
		18	19	653.5	32	2.5		+.1	494.4	50.19	4922.36	295.34		-6.45	339.08
			22	670.7	32	2.5		+.2	511.7	51.95	4892.65	293.56		-6.44	339.07
		16	25	675.8	36	2.8		+.2	517.1	52.50	4884.77	293.09		-6.42	339.17
		15-N.	28	671.4	33	2.5	-161.7	+.2	512.4	52.02	4890.95	293.46		-6.40	339.08

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-204-W		14-N	31	671.1	35	2.7	-161.7	+.2	512.3	52.01	4890.43	293.43		-6.39	339.05	
			34	674.6	36	2.8		+.2	515.9	52.37	4883.59	293.02		-6.37	339.02	
		12-N	36	676.6	34	2.6		+.2	517.7	52.56	4879.81	292.79		-6.35	339.00	
			39	673.4	36	2.8		+.3	514.8	52.26	4881.85	292.91		-6.34	338.83	
		10	41	675.6	35	2.7		+.3	516.9	52.48	4876.66	292.60		-6.32	338.76	
			44	682.8	29	2.2		+.3	523.6	53.16	4864.55	291.87		-6.30	338.73	
		8	48	682.4	29	2.2		+.3	523.2	53.12	4861.53	291.69		-6.28	338.53	
(0.0068493)			51	689.1	34	2.6		+.3	530.3	53.84	4848.16	290.90		-6.27	338.47	
		6	54	703.4	32	2.5		+.4	544.6	55.29	4825.18	289.51		-6.25	338.55	+
			57	708.3	33	2.5		+.4	549.5	55.79	4814.62	288.88		-6.23	338.44	
		4	60	725.0	29	2.2		+.4	565.9	57.45	4786.82	287.21		-6.22	338.44	
creek 2+50-N			63	743.5	36	2.8		+.4	585.0	59.39	4754.95	285.30		-6.20	338.49	
		2-N.	66	744.2	35	2.7		+.5	585.7	59.46	4752.87	285.17		-6.18	338.45	
			70	748.1	32	2.5		+.5	589.4	59.84	4746.03	284.76		-6.17	338.43	
	CAMP BS.	0+00	73	748.1	35	2.7	-161.7	+0.5	589.6	59.86	4745.30	284.72		-6.15	338.43	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 16/76 OPERATOR DM. INSTRUMENT INSTR. CONSTANT .1015 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.228-W.	BS#32		0	646.1	32	2.5	-162.4	0	486.2	49.36						
INT-8+95-S		INT. 9-S	11	658.1	30	2.3		0	498.0	50.56	4917.58	295.05		-6.27	339.34	
			16	643.7	31	2.4		-.1	483.6	49.10	4941.27	296.48		-6.29	339.29	
		7-S	19	628.6	36	2.8		-.1	468.9	47.60	4966.69	298.00		-6.30	339.30	
			23	619.1	32	2.5		-.1	459.1	46.61	4983.99	299.04		-6.32	339.33	
		5	27	615.5	36	2.8		-.1	466.8	46.27	4991.16	299.47		-6.34	339.40	
			30	610.8	36	2.8		-.1	451.1	45.80	5000.58	300.03		-6.35	339.48	
		3	33	606.1	35	2.7		-.1	446.3	45.31	5009.29	300.56		-6.37	339.50	
			37	596.9	37	2.9		-.1	437.2	44.38	5024.58	301.47		-6.39	339.46	
		1-S	40	585.0	35	2.7		-.2	426.1	43.16	5044.51	302.67		-6.40	339.43	
		0+00	44	572.9	35	2.7		-.2	413.0	41.93	5064.62	303.88		-6.42	339.39	
		1-N.	47	562.5	32	2.5		-.2	402.4	40.85	5082.95	304.98		-6.44	339.39	
			51	553.5	35	2.7		-.2	393.6	39.96	5098.30	305.90		-6.45	339.41	
		3-N	54	545.3	33	2.5		-.2	385.2	39.11	5113.14	306.81		-6.47	339.45	
			56	538.5	36	2.8		-.2	378.7	38.45	5125.37	307.52		-6.49	339.48	
		5	60	533.1	31	2.4		-.3	372.8	37.85	5135.40	308.12		-6.50	339.47	
			63	529.3	33	2.5		-.3	369.1	37.47	5142.49	308.55		-6.52	339.50	
		7	66	519.0	33	2.5		-.3	358.8	36.43	5158.47	309.51		-6.54	339.40	
			69	510.8	34	2.6		-.3	350.7	35.60	5171.58	310.29		-6.55	339.34	
		9	72	503.9	32	2.5		-.3	343.7	34.89	5183.38	311.00		-6.57	339.32	
		10-N.	76	500.1	30	2.3		-.3	339.7	34.49	5191.14	311.47		-6.59	339.37	
	BS#31	#	90	581.5	33	2.5		-0.4	421.2	42.76						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 11/76 OPERATOR J.W. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
T.L. 35-5	BS #44	INT-284	0	542.1	31	2.4	+1140	0	6580.5	6685	4678.20	280.69				
INT - 284+40 E 34+00		284-W	2	545.2	34	2.6		0	661.8	67.19	4672.17	280.33				
		282	5	562.6	32	2.5		0	679.1	68.94	4641.84	278.51				
		280	9	581.8	33	2.6		0	698.4	70.90	4607.87	276.47				
		278	14	594.0	27	2.1		+.1	710.2	72.10	4583.32	275.00				
INT - 276+50-W.		INT	17	610.9	32	2.5		+.1	727.5	73.86	4552.83	273.17				
		276	21	614.7	32	2.5		+.1	731.3	74.24	4545.29	272.72				
		274	25	628.9	32	2.5		+.1	745.5	75.68	4518.86	271.13				
cliffs 100' North.		272	29	634.7	32	2.5		+.1	748.3	75.97	4512.01	270.72				
		270	33	660.6	34	2.6		+.1	777.3	78.91	4461.14	267.67				
INT - 268+00		268(INT)	36	675.3	34	2.6		+.1	792.0	80.40	4433.74	266.02				
creek 268+40		266-W	42	642.0	28	2.2		+.2	758.4	76.99	4496.11	269.77				
		264	46	617.8	35	2.7		+.2	734.7	74.59	4536.65	272.20				
		262	51	592.6	21	1.6		+.2	708.4	71.92	4577.69	274.66				
INT - 260+00		INT.	55	588.3	30	2.3		+.2	704.8	71.55	4583.99	275.04				
		258	59	600.2	33	2.6		+.2	717.0	72.79	4563.83	273.83				
		256	64	616.8	32	2.5		+.3	733.6	74.48	4533.44	272.01				
		254	67	617.2	33	2.6		+.3	734.1	74.53	4530.44	271.83				
INT 252+30		INT.	70	614.3	28	2.2		+.3	730.8	74.19	4533.33	272.00				
		250	74	611.2	29	2.3		+.3	727.8	73.89	4532.09	271.93				
		248	77	609.1	29	2.3		+.3	725.7	73.67	4532.55	271.95				
		246	81	604.5	32	2.5		+.3	721.3	73.23	4535.93	272.16				
INT - 244+30		INT.	85	589.6	31	2.4		+.3	706.3	71.70	4556.97	273.42				
		244	88	584.2	28	2.2		+.3	700.7	71.14	4565.19	273.91				
clutch swamp		242	92	596.1	25	1.9		+.4	718.4	72.32	4542.19	272.53				

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 11/76 OPERATOR HM. INSTRUMENT INSTR. CONSTANT 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	
T.L. 35-S		240-W	96	591.5	27	2.1	+114.0	+.4	708.0	71.88	4544.75'	272.69				
		238	102	557.4	24	1.9		+.4	673.7	68.39	4608.63	276.52				
INT 236+60-W.		INT.	106	550.6	31	2.4		+.4	667.4	67.75	4616.94	277.02				
		234	111	526.9	27	2.1		+.4	643.4	65.32	4656.72	279.40				
No #236 shall be 235		232	114	522.4	35	2.7		+.5	639.6	64.93	4663.40	279.80				
		230	119	502.5	32	2.5		+.5	619.5	62.89	4697.29	281.84				
INT. 228+65		INT.	122	494.2	32	2.5		+.5	611.2	62.05'	4710.93	282.66				
Should be 229+05		228	125'	489.9	30	2.3		+.5	606.7	61.59	4716.45'	282.99				
		226	129	483.6	30	2.3		+.5	600.4	60.95	4729.37	283.76				
2 1 EXTRA NUMBER.		224	133	472.0	34	2.6		+.5	589.1	59.81	4747.20	284.83				
		222	136	470.4	34	2.6		+.5	587.5	59.64	4748.05'	284.88				
INT -220+30		INT	140	469.2	35	2.7		+.6	586.5'	59.54	4748.35'	284.90				
Should be 219+30		218	145'	452.2	32	2.5		+.6	569.3	57.80	4774.39	286.46				
Can't make out as such		216	149	448.8	31	2.4		+.6	565.8	57.44	4778.82	286.73				
	BS #50	SAME 214 W	152	448.4	33	2.5'	+114.0	+0.6	565.5'	57.41	4776.33	286.58				
No # 210																
		Chainage error on T.L.														
No # 236																

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GRAVITY DATA

JOB No. DATE Sept 13/72 OPERATOR Y.M. INSTRUMENT INSTR. CONSTANT 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	
T.L. 25-N.	BS #38	INT. 204	0	451.8	34	2.6	+2.8	0	457.2	46.41	4997.10	299.83				
		206-W	3	466.4	31	2.4		0	471.6	47.88	4971.55	298.29				
am creek 209+50		208	6	495.4	31	2.4		0	500.6	50.82	4921.68	295.30				
		210	10	499.6	29	2.3		+.1	504.8	51.25	4915.20	294.91				
INT - 212+00		INT - 212	13	491.5	31	2.4		+.1	496.8	50.44	4931.11	295.87				
(0.00666666)		214	17	475.8	30	2.3		+.1	481.0	48.83	4961.28	297.68				
		216	21	459.7	28	2.2		+.1	464.8	47.19	4991.27	299.48				
WINDY		218	25	441.8	33	2.6		+.2	447.4	45.42	5020.71	301.24				
INT. 220+00	BS #31	INT - 220	30	415.7	32	2.5	+2.8	+0.2	421.2	42.76	5064.52	303.87				
T.L. 50-N.	BS #31		0	415.7	32	2.5	+3.0	-0.1	421.2	42.76						
INT. 50+00-N. 220+00-N.		INT. 220	19	366.0	31	2.4		-.2	371.2	37.68	5159.77	309.59				
		218-W	23	395.9	31	2.4		-.2	401.1	40.72	5108.17	306.49				
am creek 216+05		216	30	399.8	27	2.1		-.3	404.6	41.07						
		214	34	388.2	31	2.4		-.4	393.2	39.92	5122.90	307.37				
INT. 212+30-W. (0.00105263)	BS #30	INT	38	371.1	29	2.2	+3.0	-0.4	375.9	38.16	5153.04	309.18				
T.L. 50-N.	BS #30	INT	0	371.1	29	2.2	+2.6	0	375.9	38.16	5153.04	309.18				
		212-W	3	367.0	30	2.3		0	371.9	37.76	5159.54	309.57				
		210	7	351.0	33	2.6		0	353.6	35.90	5186.34	311.18				
		208	10	340.8	32	2.5		-.1	345.8	35.11	5202.70	312.16				
		206	14	326.4	33	2.5		-.1	331.4	33.64	5223.52	313.41				
INT - 204+00 50+25-N.		INT - 204	19	302.5	32	2.5		-.1	307.5	31.22	5259.78	315.59				
WINDY		202	23	279.8	33	2.6		-.1	284.9	28.92	5296.66	317.80				
		200-W.	28	261.6	30	2.3	+2.6	-.1	266.4	27.04	5325.74	319.54				

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GRAVITY DATA

JOB No. DATE Sept 13/78 OPERATOR AM. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
I.L. 50-N		198-W	33	248.8	30	+2.3	+2.6	-.2	253.5	25.74	5345.63	320.74				
Windy as hell —		196-W	38	240.4	30	2.3		-.2	245.1	24.88	5358.88	321.53				
INT - 50+30		INT.	44	240.0	30	2.3		-.2	244.7	24.84	5358.40	321.50				
1957+70		194	49	234.1	30	2.3		-.2	238.8	24.24	5366.49	321.99				
(0.0060847)		192	54	235.9	30	2.3		-.3	240.5	24.42	5362.33	321.74				
(0.	BS#29	190	59	241.2	30	2.3	+2.6	-0.3	245.8	24.95	5351.43	321.09				(24.89)
		TOO	WINDY	~~30~~												

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 14/76 OPERATOR SM. INSTRUMENT INSTR. CONSTANT 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	
T.L. 25-N.	BS #37	180-W	0	481.6	30	2.3	+1.9	0	485.8	49.32	4931.73	295.90				
		178	4	480.1	33	2.6		0	484.6	49.20	4933.18	295.99				
		176	8	469.0	27	2.1		0	473.0	48.02	4950.09	297.01				
		174	11	464.5	29	2.3		0	468.7	47.58	4955.56	297.33				
		INT 172	15	464.4	32	2.5		-.1	468.7	47.58	4953.61	297.22				
		170	18	468.9	28	2.2		-.1	472.9	48.01						
		168	22	465.1	31	2.4		-.1	469.3	47.64						
		166	26	464.6	29	2.3		-.1	468.7	47.58						
shakey.		INT. 164	30	462.5	31	2.4		-.1	466.7	47.38						
(0.0044444)		162	33	463.2	27	2.1		-.1	467.1	47.42						
		160	37	465.4	35	2.7		-.2	469.8	47.69						
		158	40	471.2	31	2.4		-.2	475.3	48.25						
	BS #36		45	478.6	29	2.2	+1.9	-0.2	482.5	48.98						
T.L. 25-N	BS #36		0	478.6	29	2.2	+1.7	0	482.5	48.98						
		INT. 156	4	479.3	28	2.2		0	483.2	49.05						
		154	7	485.4	32	2.5		0	489.6	49.70						
		152	11	490.3	34	2.6		0	494.6	50.21						
		150	14	496.9	31	2.4		0	501.0	50.86						
		INT 148	17	502.5	31	2.4		0	506.6	51.43						
		146	21	509.9	32	2.5		0	514.1	52.19						
		144	25	517.2	30	2.3		0	521.2	52.91						
		142	28	534.4	30	2.3		0	538.4	54.66						
	BS #26	INT 140	32	539.3	31	2.4	+1.7	0	543.4	55.17						

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GRAVITY DATA

JOB No. DATE SEPT 14/76 OPERATOR G.M. INSTRUMENT INSTR. CONSTANT 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	
T.L. 25-N	BS #26	140-W	0	539.3	31	2.4	+1.7	0	543.4	55.17	4796.32	287.78				
on creek 139+70		138	3	538.7	30	2.3		0	542.7	55.09	4794.10	287.65				
SHARKEY		136	6	534.7	28	2.2		0	538.6	54.68	4797.76	287.87				
(NO NAIL FOUND)		134	9	533.1	34	2.6		0	537.4	54.56	4798.44	287.91				
USED BOTTOM OF HOLE		INT/32	16	534.4	36	2.8		0	538.9	54.71	(1FOOT LOSS 4793.02)					
		L.132 -26-N.	19	525.1	31	2.4		+.1	529.3	53.73						
WINDY		50-N	41	295.1	32	2.5	+1.7	+.1	299.4	30.40						
T.L. 50-N.				~~295~~												
INT ≈ 51+00-N 134+70-W.		INT.	46	278.3	32	2.5	+1.7	+.1	282.6	28.69	5254.48	315.27				
		134-W	50	288.5	34	2.6		+.1	292.9	29.74						
(0.0029850)		136	53	296.3	29	2.3		+.2	300.5	30.51	5227.78	313.67				
		138-W	57	300.7	29	2.3		+.2	304.9	30.95	5220.32	313.22				
INT ≈ 140+00 W. 50+30-N.		INT	61	309.4	29	2.3		+.2	313.6	31.84	5204.59	312.28				
	BS #27		67	345.3	34	2.6	+1.7	+0.2	349.8	35.51						
T.L. 50-N	BS #27		0	345.3	34	2.6	+1.9	0	349.8	35.51						
		INT	4	309.3	30	2.3		0	313.5	31.83	5204.59	312.28				
		142-W	8	316.7	33	2.6		0	321.2	32.61	5192.02	311.52				
		144	12	323.6	29	2.3		0	327.8	33.28	5180.30	310.82				
INT. 49+95-N 147+40-W		146	16	298.5	33	2.6		0	303.0	30.76	5224.45	313.47				
		INT.	21	265.5	31	2.4		-.1	269.7	27.38	5280.62	316.84				
		148	25	252.4	32	2.5		-.1	256.7	26.06	5302.81	318.17				
		150	30	210.9	32	2.5		-.1	215.2	21.85	5373.02	322.38				
		152	35	166.2	35	2.7		-.1	170.7	17.33	5448.79	326.93				
		154-W.	41	128.6	28	2.2	+1.9	-.1	132.6	13.46	5509.81	330.59				

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GRAVITY DATA

JOB No. DATE SEPT 13/76 OPERATOR G.W. INSTRUMENT INSTR. CONSTANT 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	
T.L. 50-N		INT.	45	113.8	31	2.4	+1.9	-.1	118.0	11.98	5537.18	332.23				
INT. 156+00 & 50+00 N.		158-W	49	109.7	31	2.4		-.1	113.9	11.56	5545.66	332.74				
		160	53	118.7	28	2.2		-.2	122.6	12.45	5533.10	331.99				
		162	58	148.7	31	2.4		-.2	152.8	15.51	5485.70	329.14				
INT 163+40		~~164~~ INT	63	192.7	27	2.1		-.2	196.5	19.95	5422.41	325.34				
(0.00028571)		164-W	66	206.5	31	2.4		-.2	210.6	21.38	5402.30	324.14				
	BS #28		70	215.6	30	2.3	+1.9	-0.2	219.6	22.29						
T.L. 50-N	BS #28		0	215.6	30	2.3	+1.7	0	219.6	22.29						
		166-W	2	226.0	28	2.2		0	229.9	23.34	5372.14	322.33				
		168	6	254.3	31	2.4		0	258.4	26.23	5328.09	319.69				
		170	10	282.0	29	2.3		0	286.0	29.03	5284.47	317.07				
INT 171+40 & 25+00 N		INT	14	299.8	29	2.3		0	303.8	30.84	5256.55	315.39				
		172	17	307.1	30	2.3		0	311.1	31.58	5244.56	314.67				
		174	21	327.7	30	2.3		0	331.7	33.67	5210.69	312.64				
		176	24	342.9	32	2.5		0	347.1	35.24	5185.40	311.12				
str. creek 179+75		178	27	363.8	33	2.6		0	368.1	37.37	5149.20	308.95				
INT 179+30		INT	31	374.3	29	2.3		0	378.3	38.41	5129.41	307.76				38.31 +.10
		180-W	34	374.2	30	2.3		0	378.2	38.39	5128.10	307.69				38.35 +.04
		182	37	368.6	33	2.6		0	372.9	37.86	5135.38	308.12				37.87 -.01
		184	41	337.6	33	2.6		0	341.9	34.71	5187.90	311.27				34.66 +.05
		186	46	301.5	29	2.3		0	305.5	31.01	5250.25	315.02				30.94 +.07
INT 187+70		INT.	51	267.1	31	2.4		0	271.2	27.53	5306.16	318.37				27.52 +.01
		188	55	261.2	32	2.5		0	265.4	26.94	5315.69	318.94				26.88 +.06
	BS #29	190	58	241.8	30	2.3	+1.7	0.0	245.8	24.95	5351.43	321.09				24.89 +.06

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT/16/72 OPERATOR DM. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 348-W.	BS #53		0	1019.7	33	2.6	-0.4	0	1021.9	103.74						
INT (WHITE MARKER)		INT	7	973.6	37	2.9		0	976.1	99.09	4126.80	247.61		-7.21	339.49	
33+85 S & 348+15-W.		34-S	11	968.3	34	2.6		0	970.5	98.53	4136.19	248.17		-7.21	339.49	
≈ 60' between 34 & 35			14	966.0	27	2.1		-.1	967.6	98.23	4140.75	248.45		-7.19	339.49	
		36	18	964.8	30	2.3		-.1	966.6	98.13	4140.69	248.44		-7.17	339.40	
			24	962.8	32	2.5		-.1	964.8	97.95	4143.10	248.59		-7.16	339.38	checked.
		38	28	946.1	34	2.6		-.1	948.2	96.26	4174.46	250.47		-7.14	339.59	+ checked.
			31	932.7	33	2.6		-.1	934.8	94.90	4195.24	251.71		-7.12	339.49	
		40	36	922.4	41	3.2		-.1	925.1	93.92	4212.77	252.77		-7.11	339.58	
			39	907.2	27	2.1		-.1	908.8	92.26	4238.09	254.29		-7.09	339.46	
		42	42	894.4	35	2.7		-.2	896.5	91.01	4257.23	255.43		-7.07	339.37	
			46	880.4	33	2.6		-.2	882.4	89.58	4280.10	256.81		-7.06	339.33	
		44	49	868.5	36	2.8		-.2	870.7	88.39	4299.88	257.99		-7.04	339.34	+
			53	855.3	35	2.7		-.2	857.4	87.04	4320.83	259.25		-7.02	339.27	
		46	56	837.9	33	2.6		-.2	839.9	85.27	4347.78	260.87		-7.01	339.13	
			60	817.6	35	2.7		-.2	819.7	83.22	4382.73	262.96		-6.99	339.19	
		48	63	799.1	32	2.5		-.2	801.0	81.32	4413.26	264.80		-6.97	339.15	
			68	782.7	31	2.4		-.3	784.4	79.63	4439.71	266.38		-6.96	339.05	
		50	71	764.1	31	2.4		-.3	765.8	77.74	4470.43	268.23		-6.94	339.03	
			74	750.9	33	2.6		-.3	752.8	76.42	4491.64	269.56		-6.92	339.06	
		52	77	739.7	33	2.6		-.3	741.6	75.29	4511.07	270.66		-6.91	339.04	
			80	731.5	32	2.5		-.3	733.3	74.44	4524.60	271.48		-6.89	339.03	
		54	83	720.1	36	2.8		-.3	722.2	73.32	4538.49	274.53		-6.87	340.98	* note this one
			87	709.8	31	2.4		-.3	711.5	72.23	4557.41	273.44		-6.85	338.92	+
		56-S	90	700.5	29	2.3	-0.4	-.3	702.1	71.28	4573.96	274.44		-6.84	338.88	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 16/76 OPERATOR J.M. INSTRUMENT INSTR. CONSTANT 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. 348-W.		57-S	93	689.9	33	2.6	-0.4	-.4	691.7	70.22	458788	275.27		-6.82	338.67
			97	681.8	30	2.3		-.4	683.3	69.37	4600.66	276.04		-6.80	338.61
		59	100	675.0	36	2.8		-.4	677.0	68.73	4609.79	276.59		-6.79	338.53
			103	670.0	33	2.6		-.4	671.8	68.20	4616.63	277.00		-6.77	338.43
		61	106	662.8	31	2.4		-.4	664.4	67.45	4627.91	277.67		-6.75	338.37
			109	650.3	31	2.4		-.4	651.9	66.18	4646.87	278.81		-6.74	338.25
(0.0038167)		63	112	635.5	33	2.6		-.4	637.3	64.70	4669.92	280.20		-6.72	338.18
			116	620.7	36	2.8		-.4	622.7	63.22	4692.63	281.56		-6.70	338.08
		65-S	119	605.7	31	2.4		-.5	607.3	61.65	4718.15	283.09		-6.69	338.05
	BS #52		131	669.5	32	2.5	-0.4	-0.5	671.1	68.13					
L. ~~340~~ 332-W	BS #52		0	669.9	32	2.5	-1.3	0	671.1	68.13					
~~INT~~ INT - 65+65.5		INT	11	757.9	32	2.5		0	759.1	77.06	4452.03	267.12		-6.50	337.68
		65-S	14	763.9	31	2.4		0	765.0	77.66	4442.24	266.53		-6.51	337.68
			18	775.5	37	2.9		0	777.1	78.89	4422.70	265.36		-6.52	337.73
		63	21	787.0	31	2.4		+.1	788.2	80.02	4403.62	264.22		-6.54	337.70
			25	794.9	33	2.6		+.1	796.3	80.84	4388.94	263.34		-6.56	337.62
		61	28	810.1	34	2.6		+.1	811.5	82.38	4362.55	261.75		-6.57	337.56
			33	833.8	33	2.6		+.1	835.2	84.79	4324.38	259.46		-6.59	337.66
		59	36	849.3	31	2.4		+.1	850.5	86.34	4295.29	257.72		-661	337.45
			40	863.2	33	2.6		+.1	864.6	87.77	4274.53	256.47		-6.62	337.62
		57	43	882.0	31	2.4		+.1	883.2	89.66	4242.88	254.57		-6.64	337.69
			47	901.7	36	2.8		+.1	903.3	91.70	4208.99	252.54		-6.66	337.58
		55	52	917.4	37	2.9		+.1	919.1	93.31	4180.93	250.86		-6.67	337.50
		54-S	55	932.5	36	2.8	-1.3	+.1	934.1	94.83	4155.90	249.35		-6.69	337.49

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT 16/76 OPERATOR SM. INSTRUMENT INSTR. CONSTANT 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. 332-W		53-S	59	944.6	34	2.6	-1.3	+.2	946.1	96.05	4134.04	248.04		-6.71	337.38
=HAKEY			63	952.2	28	2.2		+.2	953.3	96.78	4122.57	247.35		-6.73	337.40
		51	67	961.8	36	2.8		+.2	963.5	97.81	4106.45	246.39		-6.74	337.46
			71	975.7	40	3.1		+.2	977.7	99.26	4078.35	244.70		-6.76	337.20
Creek →		49	73	980.0	33	2.6		+.2	981.5	99.64	4070.69	244.24		-6.78	337.10
			77	980.5	39	3.0		+.2	982.4	99.73	4069.17	244.15		-6.79	337.09
		47	80	976.5	42	3.3		+.2	978.7	99.36	4076.99	244.62		-6.81	337.17
			83	961.7	37	2.9		+.2	963.5	97.81	4109.12	246.55		-6.82	337.54
		45	87	946.3	37	2.9		+.3	948.2	96.26	4143.06	248.58		-6.84	338.00
			92	932.7	35	2.7		+.3	934.4	94.86	4173.42	250.41		-6.86	338.41
cliff →		43	100	902.3	30	2.3		+.3	903.6	91.73	4233.53	254.01		-6.88	338.86
nail on edge of cliff at top			105	892.5	43	3.3		+.3	894.8	90.84	4253.78	255.47		-6.89	339.42
		41	110	883.6	36	2.8		+.3	885.4	89.89	4279.11	256.75		-6.91	339.73
			114	870.2	35	2.7		+.3	871.9	88.52	4306.02	258.36		-6.93	339.95
		39	117	859.3	38	3.0		+.3	861.3	87.44	4327.56	259.65		-6.94	340.15
			121	844.4	31	2.4		+.3	845.8	85.87	4356.86	261.41		-6.96	340.32
(0.00266666)		37	124	831.3	34	2.6		+.3	832.9	84.56	4381.83	262.91		-6.98	340.49
			128	822.2	34	2.6		+.3	823.8	83.63	4402.87	264.17		-6.99	340.81
S Hakey		35-S	133	815.5	35	2.7		+.4	817.3	82.97	4420.13	265.21		-7.01	341.17
INT - ≈ 34+00 S		INT.	138	804.6	39	3.0		+.4	806.7	81.90	4443.09	266.59		-7.03	341.46
	BS#54		150	706.8	32	2.5	-1.3	+0.4	708.4	71.92					
L. 340-W	BS#54		0	706.8	32	2.5	-0.9	0	708.4	71.92					
INT ≈ 340+00-W.		INT	16	889.9	30	2.3		+.1	891.4	90.49	4281.70	256.90		-7.12	340.27
≈ 34+00-S		35-S	26	910.4	27	2.1	-0.9	+.2	911.8	92.57	4234.49	254.07		-7.10	339.54

nail is reference spot - edge of cliff.

called T.P.

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 16/76 OPERATOR PM INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.340-W →	→	36-S	38	933.3	44	3.4	-0.9	+.2	936.0	95.02	4185.53	251.13		-7.08	339.07	
stupid plan for	→	37-S	43	964.3	28	2.2		+.3	965.9	98.06	4127.29	247.64		-7.07	338.63	
nail.		38	47	983.4	42	3.3		+.3	986.1	100.11	4084.53	245.07		-7.05	338.13	
marked 35-S (3" 35'E)		39	51	1002.5	34	2.6		+.3	1004.5	101.98	4044.23	242.65		-7.03	337.60	
creek 294-S0 →		40-S	55	1004.2	35	2.7		+.3	1006.3	102.16	4044.79	242.69		-7.02	337.83	
(0.000349?)	BS #53		63	1020.1	30	2.3	-0.9	+0.4	1021.9	103.74						
	BS #53		0	1020.2	30	2.3	-0.6	0	1021.9	103.74						
marked 38-S →		40-S	6	1004.1	36	2.8		0	1006.3	102.16	4044.79	242.69		-7.02	337.83	
(station just S of creek			9	990.1	30	2.3		0	991.8	100.69	4075.34	244.52		-7.00	338.21	
		42	18	965.0	32	2.5		0	966.9	98.16	4129.15	247.75		-6.98	338.93	
(repeated reading)			24	956.7	31	2.4		0	958.5	97.31	4148.30	248.90		-6.97	339.24	
		44	27	947.8	33	2.6		0	949.8	96.42	4163.32	249.80		-6.95	339.27	
			31	932.1	34	2.6		0	934.1	94.83	4190.14	251.41		-6.93	339.31	
		46	34	926.3	31	2.4		0	928.1	94.22	4199.36	251.96		-6.92	339.26	
			36	919.8	32	2.5		0	921.7	93.57	4207.89	252.47		-6.90	339.14	
		48	39	912.4	32	2.5		0	914.3	92.82	4218.06	253.08		-6.88	339.02	
			42	903.6	35	2.7		0	905.7	91.95	4229.72	253.78		-6.87	338.86	
		50	45	890.2	32	2.5		0	892.1	90.59	4249.93	255.00		-6.85	338.72	
			49	875.2	36	2.8		0	877.4	89.07	4273.19	256.39		-6.83	338.63	
		52	52	861.0	31	2.4		0	863.8	87.59	4296.06	257.76		-6.82	338.53	
			55	846.6	31	2.4		0	848.4	86.13	4317.31	259.04		-6.80	338.37	
		54	58	831.3	34	2.6		0	833.3	84.60	4340.98	260.46		-6.78	338.28	
			61	815.4	28	2.2		0	817.0	82.94	4367.73	262.06		-6.76	338.24	
		56-S	64	798.6	30	2.3	-0.6	0	800.3	81.25	4395.69	263.74		-6.75	338.24	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.340-W		57-S	67	786.5	29	2.3	-0.6	0	788.2	80.02	4416.04	264.96		-6.73	338.25	
			71	768.7	33	2.6		0	770.7	78.24	4445.70	266.74		-6.71	338.27	
		59	74	754.4	35	2.7		0	756.5	76.80	4468.40	268.10		-6.70	338.20	
			77	736.9	34	2.6		0	738.9	75.01	4496.50	269.79		-6.68	338.12	
		61	81	723.8	31	2.4		0	725.6	73.66	4518.01	271.08		-6.66	338.08	
			84	711.1	32	2.5		0	713.0	72.38	4538.73	272.32		-6.65	338.06	
		63	88	697.6	30	2.3		0	699.3	70.99	4561.36	273.68		-6.63	338.04	
			91	690.9	39	3.0		0	693.3	70.38	4570.48	274.23		-6.61	338.00	
		65	94	686.3	26	2.0		0	687.7	69.82	4579.40	274.76		-6.60	337.98	
		66-S	97	677.9	33	2.6		0	679.9	69.02	4591.00	275.46		-6.58	337.90	
INT. 66+65-S		INT.	99	671.7	30	2.3		0	673.4	68.36	4607.88	276.47		-6.57	338.26	
	Base 57-S		102	669.3	31	2.4	-0.6	0	671.1	68.13						

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GRAVITY DATA

JOB No. DATE Sept 18/76 OPERATOR JM INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr. .06	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
87																
L.292-W.	BS#46		0	686.8	29	2.2	-2.3	~~0~~ -2.3	686.7	69.71						
INT-6S to-S		INT.	7	710.8	30	2.3		0	710.8	72.16	4557.83	273.47		-6.05	339.58	
		6S-S	12	710.0	31	2.4		0	710.1	72.09	4559.62	273.58		-6.05	339.62	
			15	702.4	32	2.5		0	702.6	71.33	4573.38	274.40		-6.06	339.67	
		63	18	697.4	33	2.6		0	697.7	70.83	4583.65	275.02		-6.08	339.77	
			21	690.3	32	2.5		0	690.5	70.10	4597.64	275.86		-6.10	339.86	
		6Φ	24	685.2	29	2.3		0	685.2	69.56	4608.62	276.52		-6.11	339.97	
Previous error 2 #2			27	679.9	31	2.4		0	680.0	69.03	4619.95	277.20		-6.13	340.10	
		59	30	673.8	31	2.4		0	673.9	68.41	4631.17	277.87		-6.15	340.13	
			34	667.8	29	2.3		0	667.8	67.80	4643.41	278.60		-6.16	340.24	
		57	37	660.5	31	2.4		0	660.6	67.06	4656.80	279.41		-6.18	340.29	
			40	653.4	35	2.7		0	653.8	66.37	4670.15	280.21		-6.20	340.38	
		55	43	649.0	29	2.3		0	649.0	65.89	4680.20	280.81		-6.21	340.49	
			46	643.3	28	2.2		0	643.2	65.30	4691.57	281.49		-6.23	340.56	
		53	49	637.2	35	~~2.7~~		-.1	637.5	64.72	4702.61	282.16		-6.25	340.63	
			52	631.9	33	2.6		-.1	632.1	64.17	4713.65	282.84		-6.27	340.72	
		51	55	628.2	29	2.3		-.1	628.1	63.76	4722.30	283.34		-6.28	340.80	
			58	621.0	28	2.2		-.1	620.8	63.02	4735.19	284.11		-6.30	340.83	
		49	62	612.9	28	2.2		-.1	612.7	62.20	4747.47	284.85		-6.32	340.73	
			65	600.3	34	2.6		-.1	600.5	60.96	4767.83	286.07		-6.33	340.70	
		47	69	585.8	30	2.3		-.1	585.7	59.46	4791.70	287.50		-6.35	340.61	
			72	573.0	32	2.5		-.1	573.1	58.18	4813.23	288.79		-6.37	340.60	
		45	76	564.8	35	2.7		-.1	565.1	57.37	4827.06	289.62		-6.38	340.61	
WIND ↓			80	555.3	33	2.6		-.1	555.5	56.39	4843.17	290.59		-6.40	340.58	56.38
		43	83	553.7	35	2.7		-.1	554.0	56.24	4846.84	290.81		-6.42	340.63	56.25
	B.S#44		97	658.2	35	2.7	-2.3	-0.1	658.5	66.85						

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GRAVITY DATA

JOB No. MVE-SARK DATE SEPT 19/76 OPERATOR G. MacMILLAN INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
INT. 204+35-W	BS#44	INT.	0	657.8	33	2.6	+1.9	0	658.5	66.85	4678.20	280.69				
T.L. 35-S		286-W	3	643.8	32	2.5	-1.9	0	644.4	65.42	4703.31	282.20				
		288	7	631.1	29	2.3		0	631.5	64.11	4726.75	283.61				
Windy		290	11	614.8	33	2.6		0	615.5	62.49	4754.67	285.28				
INT - 292+00W		INT	16	602.9	32	2.5		0	603.5	61.27	4775.91	286.55				
Windy		294	21	587.7	33	2.6		0	588.4	59.73	4800.54	288.03				
		296	25	568.2	31	2.4		0	568.7	57.73	4833.14	289.99				
		298	29	555.9	32	2.5		0	556.5	56.50	4853.51	291.21				
INT. 300+00-W.		INT	35	537.9	34	2.6		0	538.6	54.68	4881.49	292.89				
		302	39	534.2	31	2.4		0	534.7	54.28	4888.21	293.29				
		304	43	545.0	30	2.3		0	545.4	55.37	4871.51	292.29				
		306	48	573.8	28	2.2		0	574.1	58.28	4828.46	289.71				
	BS#55	BS#55'	51	589.9	30	2.3	-1.9	0	590.3	59.93	4806.71	288.40				
ALL READINGS TAKEN UNDER STRONG WINDS																

MYE SANK-GRAV. (34)

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 10/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 .10107 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr. .0600	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 204-W	CAMP M.B.S.	0+00	0	725.4	35	2.1	-135.3	0	592.8	59.86	4745.30	284.72		-6.15	338.43	
		1+00-N	4	725.1	38	3.0		0	592.8	59.86	4746.03	284.76		-6.17	338.45	
		2+00-N	9	721.0	41	3.2		0	588.9	59.47	4752.87	285.17		-6.18	338.46	
		3+00-N	14	720.8	38	3.0		0	588.5	59.43	4754.95	285.30		-6.20	338.53	
		4+00-N	20	701.2	35	2.7		0	568.6	57.42	4786.82	287.21		-6.22	338.41	
		5+00-N	25	685.1	38	3.0		0	552.8	55.82	4814.62	288.88		-6.23	338.47	
		6+00-N	29	680.4	34	2.6		0	547.7	55.31	4825.18	289.51		-6.25	338.57	
		7+00-N	33	665.7	37	2.9		0	533.3	53.85	4848.16	290.89		-6.27	338.47	
		8+00-N	37	658.5	40	3.1		0	526.3	53.15	4861.53	291.69		-6.28	338.56	
		9+00-N	44	658.9	41	3.2		0	526.8	53.20	4864.55	291.87		-6.30	338.77	
		10+00-N	49	652.0	38	3.0		0	519.7	52.48	4876.66	292.60		-6.32	338.76	
		11+00-N	53	650.2	35	2.7		0	517.6	52.27	4881.85	292.91		-6.34	338.84	
		12+00-N	57	653.3	36	2.8		0	520.8	52.59	4879.81	292.79		-6.35	339.03	
		13+00-N	61	651.3	35	2.7		0	518.7	52.38	4882.59	293.02		-6.37	339.03	
		14+00-N	65	647.2	39	3.0		-.1	514.8	51.99	4890.43	293.43		-6.39	339.03	
		15+00-N	69	647.8	34	2.6		-.1	515.0	52.01	4890.95	293.46		-6.40	339.07	
		16+00-N	73	652.0	39	3.0		-.1	519.6	52.47	4884.77	293.09		-6.42	339.14	
		17+00-N	77	646.7	38	3.0		-.1	514.3	51.94	4892.65	293.56		-6.44	339.06	
		18+00-N	81	629.4	37	2.9		-.1	496.9	50.12	4922.36	295.34		-6.45	339.01	
		19+00-N	85	623.5	37	2.9		-.1	491.0	49.58	4934.66	296.08		-6.47	339.19	
		20+00-N	89	619.3	35	2.7		-.1	486.6	49.14	4944.05	296.64		-6.49	339.29	
		21+00-N	93	612.8	37	2.9		-.1	480.3	48.50	4956.31	297.38		-6.50	339.38	
		22+00-N	97	608.6	39	3.0		-.1	476.2	48.09	4964.43	297.87		-6.52	339.44	
		23+00-N	101	602.0	37	2.9	V	-.1	469.5	47.41	4977.16	298.63		-6.54	339.50	
		24+00-N	105	595.8	37	2.9	-135.3	-.1	463.3	46.79	4988.73	299.32		-6.55	339.56	

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

PAGE No.

JOB No. DATE 10/09/76 OPERATOR Tim KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS #38	25+00-N	110	591.4	39	3.0		-.1	459.0	46.35	4997.10	299.83		-6.57	339.61	
	CAMP MBS	0+00	127	725.3	37	2.9	-135.3	-0.1	592.8	59.86						
L. 204-W	CAMP M.B.S.	0+00	0	725.1	37	2.9	-135.2	0	592.8	59.86	4745.30	284.72		-6.15	338.43	
?		1+00-S	2	727.6	36	2.8		0	595.2	60.11	4740.60	284.44		-6.13	338.42	
		2+00-S	5	729.2	39	3.0		0	597.0	60.29	4737.56	284.25		-6.12	338.42	
		3+00-S	9	730.9	36	2.8		-0.1	598.4	60.43	4734.85	284.09		-6.10	338.42	
		4+00-S	12	730.5	39	3.0		-0.1	598.2	60.41	4734.27	284.05		-6.08	338.38	
		5+00-S	16	721.7	89	3.0		-0.2	589.3	59.51	4749.01	284.94		-6.07	338.38	
		6+00-S	20	723.8	38	3.0		-0.2	591.4	59.72	4744.49	284.67		-6.05	338.34	
		7+00-S	24	728.1	37	2.9		-0.2	595.6	60.15	4736.62	284.20		-6.03	338.32	
		8+00-S	28	731.3	37	2.9		-0.3	598.7	60.46	4729.98	283.80		-6.02	338.24	
		9+00-S	33	732.1	34	2.6		-0.3	599.2	60.51	4728.51	283.71		-6.00	338.22	
no nail hole		10+00-S	40	728.3	41	3.2	↓	-0.4	~~597.3~~ 595.9	~~59.81~~ 60.18	4732.98	283.98		-5.88	~~337.91~~ =338.28	+
	BS #32		53	621.5	38	3.0	-135.2	-0.5	488.8	49.36						
L.212-W	BS #32	corner	0	621.5	38	3.0	-135.1	0	488.8	49.36						
marked as 8-S	9	9-S	7	643.5	42	3.3		0	511.1	51.61	4884.71	293.08		-6.09	338.60	
" " 7-S		8-S	12	641.2	43	3.3		0	508.8	51.38	4888.19	293.29		-6.11	338.56	
		7-S	17	641.7	41	3.2		0	509.2	51.42	4887.62	293.26		-6.12	338.56	
		6-S	21	642.5	40	3.1		0	509.9	51.49	4886.54	293.19		-6.14	338.54	
(-.001282)		5-S	25	645.2	38	3.0		0	512.5	51.75	4882.50	292.95		-6.16	338.54	
		4-S	29	647.5	37	2.9		0	514.7	51.98	4878.17	292.69		-6.17	338.50	
		3-S	33	653.1	35	2.7	↓	0	520.1	52.52	4871.17	292.27		-6.19	338.60	
	5	2-S	38	658.2	42	3.3	-135.1	0	525.8	53.09	4862.84	291.77		-6.21	338.65	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 10/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 ~~.10107~~ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-212-W																
	15	0+00	43	664.8	29	2.3	-135.7	-.1	531.3	53.67	4854.79	291.29		-6.22	338.74	
0.00. →	0	1+00-N	46	670.5	39	3.0		-.1	537.7	54.30	4845.30	290.72		-6.24	338.78	
no station #.	1	2+00-N	51	670.3	36	2.8		-.1	537.3	54.26	4845.91	290.75		-6.26	338.75	
marked as 2-N	2	3+00-N	54	672.0	38	3.0		-.1	539.2	54.45	4843.83	290.63		-6.27	338.81	
marked as 3-N	3	4+00-N	57	669.8	36	2.8		-.1	536.8	54.21	4848.44	290.91		-6.29	338.83	
4	4	5+00-N	63	670.7	36	2.8		-.1	537.7	54.30	4848.57	290.91		-6.31	338.90	
↓	5	6+00	68	669.0	34	2.6		-.1	535.8	54.12	4851.91	291.11		-6.32	338.91	
	6	7+00	72	669.2	36	2.8		-.1	536.2	54.15	4853.20	291.19		-6.34	339.00	
	7	8+00	75	666.8	38	3.0		-.1	534.0	53.93	4857.27	291.44		-6.36	339.01	
	8	9+00	79	666.4	40	3.1		-.1	533.7	53.90	4858.13	291.51		-6.37	339.04	
	9	10+00	83	665.4	35	2.7		-.1	532.3	53.76	4860.71	291.64		-6.39	339.01	
	10	11+00	87	664.3	35	2.7		-.1	531.2	53.64	4862.49	291.75		-6.41	338.98	
	11	12+00	91	663.9	32	2.5		-.1	530.6	53.58	4864.13	291.87		-6.43	339.02	
	12	13+00	95	662.9	36	2.8		-.1	529.9	53.51	4866.68	291.96		-6.44	339.03	
	13	14+00	100	662.1	35	2.7		-.1	529.0	53.42	4867.97	292.08		-6.46	339.04	
	14	15+00	104	659.0	38	3.0		-.1	526.2	53.14	4873.55	292.41		-6.48	339.07	
	15	16+00	108	655.2	36	2.8		-.1	522.2	52.73	4881.20	292.87		-6.49	339.11	
	16	17+00	113	650.3	37	2.9		-.1	517.4	52.25	4889.82	293.39		-6.51	339.13	
	17	18+00	117	646.6	35	2.7		-.1	513.5	51.86	4896.86	293.81		-6.53	339.14	
	18	19+00	121	644.0	37	2.9		-.2	511.0	51.60	4901.91	294.11		-6.54	339.17	
	19	20+00	125	641.8	36	2.8		-.2	508.7	51.37	4906.67	294.40		-6.56	339.21	
	20	21+00	128	640.5	36	2.8		-.2	507.4	51.24	4910.35	294.62		-6.58	339.28	
	21	22+00	132	638.7	35	2.7	↓	-.2	~~505.7~~ 507.4	~~50.89~~ 51.03	4914.67	294.88		-6.59	339.~~16~~ 34	*
	22	23+00	136	637.5	36	2.8	-135.7	-.2	504.4	50.94	4918.15	295.09		-6.61	339.42	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

+1.60985

JOB No. DATE 10/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT ~~+1.0107~~ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-212-W	23	~~24+00~~	139	635.5	36	2.8	+135.7	-.2	502.4	50.73	4921.64	295.30		-6.63	339.40	
	~~24~~	~~25+00 N~~	144	634.1	38	3.0	↓	-.2	501.2	50.61	1926.38	295.58		-6.64	339.55	
marked as 25N		25-N.	148	632.3	34	2.6	↓	-.2	499.0	50.39	4931.11	295.87		-6.66	339.60	
	B.S.#38		156	592.7	~~36~~	2.8	-135.7	-0.2	459.6	46.41						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 11/09/76 OPERATOR Tim Kirby INSTRUMENT #104R INSTR. CONSTANT .100985 ~~.10107~~ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity
L.204-W	BS#38	25+00-N	0	594.4	37	2.9	-137.7	0	459.6	46.41	4997.10	299.83		-6.57	339.67
		26+00-N	3	591.1	34	2.6		0	456.0	46.05	5004.80	300.29		-6.59	339.75
		27+00-N	7	581.1	38	3.0		+.1	446.5	45.10	5020.65	301.24		-6.60	339.74
		28+00-N	10	571.4	38	3.0		+.1	436.8	44.11	5036.32	302.18		-6.62	339.67
		29+00-N	14	572.7	36	2.8		+.1	437.9	44.22	5036.99	302.22		-6.64	339.80
		30+00-N	17	570.2	34	2.6		+.1	435.2	43.95	5044.09	302.65		-6.65	339.95
		31+00-N	21	564.2	39	3.0		+.2	429.7	43.40	5054.58	303.27		-6.67	340.00
		32+00-N	25	559.6	38	3.0		+.2	425.1	42.91	5063.45	303.81		-6.69	340.03
		33+00-N	28	554.9	40	3.1		+.2	420.5	42.46	5072.35	304.34		-6.71	340.09
		34+00-N	32	549.1	34	2.6		+.2	414.2	41.83	5084.26	305.06		-6.72	340.17
		35+00-N	36	546.0	39	3.0		+.3	411.6	41.57	5089.80	305.39		-6.74	340.22
		36+00-N	40	540.7	40	3.1		+.3	406.4	41.04	5099.35	305.96		-6.76	340.24
		37+00-N	43	535.5	38	3.0		+.3	401.1	40.51	5108.48	306.51		-6.77	340.25
		38+00-N	46	530.8	38	3.0		+.3	396.4	40.03	5116.41	306.98		-6.79	340.22
		39+00-N	49	527.5	35	2.7		+.4	392.9	39.68	5123.87	307.43		-6.81	340.30
		40+00-N	52	523.9	36	2.8		+.4	389.4	39.32	5130.05	307.80		-6.82	340.30
		41+00-N	56	519.0	35	2.7		+.4	384.4	38.82	5139.45	308.37		-6.84	340.35
		42+00-N	59	513.9	36	2.8		+.4	379.4	38.31	5147.54	308.85		-6.86	340.30
(+.0072916)		43+00-N	62	510.6	37	2.9		+.5	376.3	38.00	5152.33	309.14		-6.87	340.27
		44+00-N	66	502.1	40	3.1		+.5	368.0	37.16	5166.02	309.96		-6.89	340.23
		45+00-N	69	496.7	38	3.0		+.5	362.5	36.61	5175.81	310.55		-6.91	340.25
		46+00-N	74	484.1	38	3.0		+.5	349.9	35.33	5195.17	311.71		-6.92	340.12
		47+00-N	77	474.0	41	3.2		+.6	340.1	34.34	5211.18	312.67		-6.94	340.07
		48+00-N	80	464.5	38	3.0	↓	+.6	330.3	33.36	5227.11	313.63		-6.96	340.03
		49+00-N	84	455.4	39	3.0	-137.7	+.6	321.3	32.44	5242.04	314.52		-6.97	339.99

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 11/09/76 OPERATOR TIM KIRBY INSTRUMENT #104R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.204-W		50+00-N	88	444.6	38	3.0		+0.6	310.5	31.36	5257.95	315.48	-6.99		339.85	
	BS.#30		96	512.3	34	2.6	-137.1	+0.7	377.9	38.16						
L.212-W	BS.#30	50+00N	0	512.3	34	2.6	-137.0	0	377.9	38.16	5153.74	309.22	-7.08		340.30	
		49+00	3	516.2	36	2.8		0	382.0	38.58	5146.90	308.81	-7.06		340.33	
		48+00	6	522.5	41	3.2		+0.1	388.8	39.26	5135.28	308.12	-7.05		340.33	
		47-N	9	532.5	40	3.1		+0.1	398.7	40.26	5116.90	307.01	-7.03		340.24	
		46-N	12	544.4	37	2.9		+0.2	410.5	41.45	5096.58	305.79	-7.01		340.23	
		45-N	15	553.4	38	3.0		+0.2	419.6	42.37	5080.29	304.82	-7.00		340.19	
		44-N	18	564.3	39	3.0		+0.2	430.5	43.47	5061.78	303.71	-6.98		340.20	
		43-N	21	573.3	40	3.1		+0.3	439.7	44.38	5045.42	302.73	-6.96		340.15	
		42-N	24	580.5	36	2.8		+0.3	446.6	45.10	5033.12	301.99	-6.95		340.14	
		41-N	27	586.5	33	2.6		+0.4	452.5	46.70	5021.70	301.30	-6.93		340.07	*
		40-N	30	592.7	37	2.9		+0.4	459.0	46.35	5010.16	300.61	-6.91		340.05	
		39-N	33	595.7	40	3.1		+0.5	462.3	46.69	5003.58	300.21	-6.90		340.00	
		38-N	38	600.0	39	3.0		+0.5	466.5	47.11	4996.13	299.77	-6.88		340.00	
		37-N	42	604.4	40	3.1		+0.6	471.1	47.57	4988.34	299.30	-6.86		340.01	
		36-N	45	608.3	39	3.0		+0.6	474.9	47.96	4981.78	298.91	-6.85		340.02	
		35-N	49	612.5	36	2.8		+0.7	479.0	48.37	4975.36	298.52	-6.83		340.06	
		34-N	52	615.4	39	3.0		+0.7	482.1	48.68	4968.92	298.14	-6.81		340.01	
		33-N	56	617.6	38	3.0		+0.8	484.4	48.92	4964.34	297.86	-6.80		339.98	
		32-N	60	621.0	39	3.0		+0.8	487.8	49.26	4958.83	297.53	-6.78		340.01	
		31-N	63	623.8	37	2.9		+0.9	490.6	49.54	4953.01	297.18	-6.76		339.96	
		30-N	68	627.2	37	2.9	↓	+0.9	494.0	49.89	4946.97	296.82	-6.74		339.97	
		29-N	71	628.3	36	2.8	-137.0	+1.0	495.1	50.00	4944.11	296.65	-6.73		339.92	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 11/09/76 OPERATOR Tim KIRBY INSTRUMENT #104 R INSTR. CONSTANT ~~1.0107~~ 1.100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-212-W.		28+00N	75	628.9	43	3.3	-131.0	+1.0	496.2	50.11	4941.04	296.46	-6.71		339.86	
		27N	78	630.5	39	3.0		+1.1	497.6	50.25	4937.93	296.28	-6.69		339.84	
		26-N	82	630.7	39	3.0		+1.1	497.8	50.27	4935.23	296.11	-6.68		339.70	
		25-N	86	632.2	38	3.0		+1.2	499.4	50.43	4931.11	295.87	-6.66		339.64	
	B.S.#31		94	556.0	40	3.1	-137.0	+1.3	423.4	42.76						
L-220-W	B.S.#31	25+00N	0	556.0	40	3.1	-135.7	0	423.4	42.76	5064.52	303.87	-6.75		339.88	
		26-N	3	559.5	37	2.9		0	426.7	43.09	5060.34	303.62	-6.77		339.94	
		27-N	6	559.5	41	3.2		0	427.0	43.12	5061.30	303.68	-6.78		340.02	
		28-N	10	561.6	41	3.2		0	429.1	43.33	5059.57	303.57	-6.80		340.10	
		29-N	13	561.5	41	3.2		0	429.0	43.32	5062.22	303.73	-6.82		340.23	
		30-N	17	562.4	38	3.0		0	429.7	43.39	5061.63	303.70	-6.83		340.26	
		31-N	20	556.8	41	3.2		0	424.3	42.85	5070.31	304.22	-6.85		340.22	*
		32-N	23	553.0	38	3.0		0	420.3	42.44	5079.26	304.76	-6.87		340.33	
		33-N	27	543.8	38	3.0		0	411.1	41.51	5095.59	305.74	-6.89		340.36	
		34-N	30	532.3	39	3.0		0	399.6	40.35	5114.94	306.90	-6.90		340.35	
		35-N	33	524.7	35	2.7		0	391.7	39.56	5129.79	307.79	-6.92		340.43	
		36-N	37	513.7	37	2.9		0	380.9	38.47	5148.02	308.88	-6.94		340.41	
		37-N	40	507.0	37	2.9		0	374.2	37.79	5160.17	309.61	-6.95		340.45	
		38-N	43	501.9	36	2.8		0	369.0	37.26	5169.36	310.16	-6.97		340.45	
		39-N	46	499.1	38	3.0		0	366.1	36.82	5173.51	310.41	-6.99		340.47	
		40-N	50	496.6	39	3.0		0	363.9	36.75	5177.24	310.63	-7.00		340.38	
		41-N	53	498.5	36	2.8		-0.1	365.5	36.91	5176.13	310.57	-7.02		340.46	
		42-N	57	499.5	36	2.8		-0.1	366.5	37.01	5174.24	310.45	-7.04		340.42	
		43-N	60	505.5	36	2.8	-135.7	-0.1	372.5	37.62	5165.25	309.92	-7.05		340.49	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 11/09/76 OPERATOR Tim Kirby INSTRUMENT #104-R 100985 INSTR. CONSTANT ~~1.0107~~ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-220-W		44+00N	63	516.5	35	2.7	-135.7	-0.1	383.4	38.72	5147.99	308.88	-7.07		340.53	
		45+00N	67	527.9	39	3.0		-0.1	395.1	39.90	5127.13	307.63	-7.09		340.44	
		46-N	70	534.8	39	3.0		-0.1	402.0	40.60	5114.95	306.90	-7.10		340.40	
		47-N	74	537.2	40	3.1		-0.1	404.5	40.85	5109.87	306.59	-7.12		340.32	
		48-N	77	528.7	40	3.1		-0.1	396.0	39.99	5122.01	307.32	-7.14		340.17	
		49-N	81	520.3	38	3.0		-0.1	387.5	39.13	5135.94	308.16	-7.15		340.14	
		50-N	85	505.9	34	2.6	↓	-0.1	372.7	37.64	5159.77	309.59	-7.17		340.06	
	B.S.#3		99	556.2	38	3.0	-135.7	-0.1	423.4	42.76						
L-220-W	B.S.#3	25+00N	0	556.2	38	3.0	-135.8	0	423.4	42.76			-6.75			
		24+00N	3	552.0	36	2.8		0	419.0	42.31			-6.73			
		23-N	6	547.2	38	3.0		0	414.4	41.85			-6.72			
		22-N	8	547.9	39	3.0		0	415.1	41.92			-6.70			
		21-N	11	548.2	39	3.0		-0.1	415.3	41.94			-6.68			
		20-N	14	553.3	39	3.0		-0.1	420.4	42.45			-6.67			
		19-N	16	552.4	41	3.2		-0.1	419.7	42.38			-6.65			
? H.I. Corr. ≈ 3.4		18-N	19	551.6	44	?		-0.1	418.8	42.29			-6.63			
		17-N	22	550.9	37	2.9		-0.1	417.9	42.20			-6.62			
		16-N	25	550.7	38	3.0		-0.1	417.8	42.19			-6.60			
		15-N	28	549.2	37	2.9		-0.2	416.1	42.02			-6.58			
		14-N	31	550.0	46	3.1		-0.2	417.1	42.12			-6.57			
		13-N	34	547.4	37	2.9		-0.2	414.3	41.84			-6.55			
		12-N	37	547.0	39	3.0		-0.2	414.0	41.81			-6.53			
		11-N	40	548.0	37	2.9	↓	-0.2	414.9	41.90			-6.52			
		10-N	43	547.7	41	3.2	-135.8	-0.3	414.8	41.89			-6.50			

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 11/09/76 OPERATOR TIM KIRBY INSTRUMENT #104 R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-220-W		9+00 N	47	546.6	40	3.1	-135.8	-0.3	413.6	41.77				-6.48		
		8-N	50	550.6	34	2.6		-0.3	417.1	42.12				-6.46		
		7-N	53	553.5	40	3.1		-0.3	420.5	42.46				-6.45		
		6-N	56	555.1	39	3.0		-0.3	422.0	42.62				-6.43		
		5-N	60	557.5	39	3.0		-0.4	424.3	42.85				-6.41		
		4-N	63	559.8	38	3.0		-0.4	426.6	43.08				-6.40		
		3-N	66	561.2	41	3.2		-0.4	428.2	43.24				-6.38		
marked as 3		2-N	70	562.2	41	3.2		-0.4	429.2	43.34				-6.36		
		1-N	74	562.6	40	3.1		-0.4	429.5	43.37				-6.35		
		0 + 00 N	77	564.9	39	3.0		-0.5	431.6	43.59				-6.33		
marked as 0+0		1+00 S	81	567.5	36	2.8		-0.5	434.0	43.83				-6.31		
		2+00 S	85	570.6	40	3.1		-0.5	437.4	44.17				-6.30		
		3-S	88	576.7	35	2.7		-0.5	443.1	44.75				-6.28		
		4-S	91	581.7	38	3.0		-0.5	448.4	45.28				-6.26		
		5-S	95	586.8	40	3.1		-0.6	453.5	45.80				-6.25		
		6-S	98	594.2	38	3.0		-0.6	460.8	46.53				-6.23		
		7-S	102	599.3	35	2.7		-0.6	465.6	47.02				-6.21		
		8-S	106	603.0	38	3.0		-0.6	469.6	47.42				-6.20		
		9-S	110	608.5	38	3.0		-0.6	475.7	48.04				-6.18		
marked as 9-S		10-S	113	614.2	40	3.1	V	-0.7	480.8	48.55				-6.16		
	B.S.#32		119	622.3	38	3.0	-135.8	-0.7	488.8	49.36						
T.L. 10-S of picket marked 9+75-S																

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GRAVITY DATA

JOB No. DATE 12/09/76 OPERATOR TIM KIRBY INSTRUMENT #104 R INSTR. CONSTANT .100985 ~~.10107~~ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-196-W	B.S#33	10+00 S	0	503.6	35	2.7	+56.0	0	562.3	56.78	4786.88	287.21		-5.88	338.11	
		9-S	4	504.5	36	2.8		0	563.3	56.88	4787.57	287.25		-5.90	338.23	
		8-S	8	506.6	27	2.1		-0.1	564.6	57.02	4785.59	287.14		-5.92	338.24	
		7-S	12	504.2	34	2.6		-0.1	562.7	56.82	4791.14	287.47		-5.93	338.36	
		6-S	15	501.0	31	2.4		-0.1	559.3	56.48	4797.76	287.87		-5.95	338.40	
		5-S	18	494.8	36	2.8		-0.1	553.5	55.90	4808.88	288.53		-5.97	338.46	
		4-S	22	491.5	35	2.7		-0.1	550.1	55.55	4815.37	288.92		-5.98	338.49	
		3-S	25	490.7	34	2.6		-0.2	549.1	55.45	4819.25	289.16		-6.00	338.61	
		2-S	29	488.7	39	3.0		-0.2	547.5	55.29	4822.70	289.36		-6.02	338.63	
		1-S	32	486.1	33	2.6		-0.2	544.5	54.99	4826.70	289.60		-6.03	338.56	
	-	0+00	36	485.1	39	3.0		-0.2	543.9	54.93	4828.73	289.72		-6.05	338.60	
		1+00 N	39	484.5	37	2.9		-0.3	543.1	54.84	4830.93	289.86		-6.07	338.63	
		2+00 N	42	488.3	37	2.9		-0.3	546.9	55.23	~~4826.47~~ 4827.64	~~289.59~~ 289.66		-6.08	~~338.81~~	338.74
	-	3-N	46	492.2	35	2.7		-0.3	550.6	55.60	4820.60	289.24		-6.10	338.74	
		4-N	49	499.0	38	3.0		-0.3	557.7	56.32	4808.86	288.53		-6.12	338.73	
		5-N	52	514.1	40	3.1		-0.4	572.8	57.84	4781.34	286.88		-6.13	338.59	
		6-N	58	496.8	35	2.7		-0.4	555.1	56.06	4813.04	288.78		-6.15	338.69	
	-	7-N	63	481.0	33	2.6		-0.4	539.2	54.45	4843.14	290.59		-6.17	338.87	
		8-N	67	470.4	37	2.9		-0.5	528.8	53.40	4862.54	291.75		-6.18	338.97	
		9-N	71	464.0	37	2.9		-0.5	522.4	52.75	4874.68	292.48		-6.20	339.03	
		10-N	75	457.9	37	2.9		-0.5	516.3	52.14	4885.73	293.14		-6.22	339.06	
		11-N	79	453.3	34	2.6		-0.5	511.4	51.64	4896.87	293.81		-6.24	339.21	
		12-N	82	448.2	37	2.9		-0.6	506.5	51.15	4905.30	294.32		-6.25	339.22	
		13-N	85	444.6	38	3.0	↓	-0.6	503.0	50.80	4912.00	294.72		-6.27	339.25	
		14-N	89	440.6	40	3.1	+56.0	-0.6	499.1	50.40	4918.91	295.13		-6.29	339.24	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 12/09/76 OPERATOR TIM KIRBY INSTRUMENT #104 R INSTR. CONSTANT .10107 .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.196-W		15-N	93	441.3	38	3.0	+56.0	-0.6	499.7	50.46	4919.18	295.15		-6.30	339.31	
		16-N	96	437.8	37	2.9		-0.6	496.1	50.10	4925.57	295.53		-6.30	339.31	
		17-N	99	430.7	37	2.9		-0.7	488.9	49.37	4938.12	296.29		-6.34	339.32	
		18-N	103	422.6	37	2.9		-0.7	480.8	48.55	4951.45	297.09		-6.35	339.29	
		19-N	106	419.0	38	3.0		-0.7	477.3	48.20	4957.94	297.48		-6.37	339.31	
		20-N	109	415.6	37	2.9		-0.7	473.8	47.85	4963.21	297.79		-6.39	339.25	
		21-N	113	413.1	37	2.9		-0.8	471.2	47.58	4969.07	298.14		-6.40	339.32	
		22-N	116	409.7	37	2.9		-0.8	467.8	47.24	4974.91	298.49		-6.40	339.31	
		23-N	119	405.2	38	3.0		-0.8	463.4	46.80	4983.51	299.01		-6.44	339.37	
		24-N	123	400.2	36	2.8		-0.8	458.2	46.27	4992.43	299.55		-6.45	339.37	
		25-N	126	398.3	35	2.7	↓	-0.9	456.1	46.06	4996.81	299.81		-6.47	339.40	
	BS#38		133	401.7	36	2.8	+56.0	-0.9	459.6	46.41						
L.196-W	BS#38		0	401.7	36	2.8	+55.1	0	459.6	46.41	(4996.81)					
		26+00N	7	393.0	37	2.9		+0.1	451.1	45.55	5004.85	300.29		-6.49	339.35	
		27+00N	10	385.6	37	2.9		+0.1	443.7	44.81	5017.60	301.06		-6.50	339.37	
		28-N	13	382.2	36	2.8		+0.1	440.5	44.48	5024.86	301.49		-6.52	339.45	
		29-N	16	376.8	38	3.0		+0.1	435.0	43.93	5035.25	302.12		-6.54	339.51	
		30-N	20	372.0	38	3.0		+0.2	430.3	43.45	5045.05	302.70		-6.55	339.60	
		31-N	23	368.5	39	3.0		+0.2	426.8	43.10	5052.07	303.12		-6.57	339.65	
		32-N	26	361.0	36	2.8		+0.2	419.1	42.32	5064.99	303.90		-6.59	339.63	
		33-N	29	354.1	38	3.0		+0.2	412.4	41.65	5077.49	304.65		-6.61	339.69	
		34-N	33	346.0	40	3.1		+0.3	404.5	40.87	5091.87	305.51		-6.62	339.74	*
		35-N	36	333.5	37	2.9	↓	+0.3	391.8	39.57	5111.65	306.70		-6.64	339.63	
		36-N	40	321.0	40	3.1	+55.1	+0.3	379.5	38.32	5133.36	308.00		-6.66	339.66	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 12/09/76 OPERATOR Tim Kirby INSTRUMENT # 104 R INSTR. CONSTANT .100985 .10107 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 196-W		37-N	43	310.5	40	3.1	+55.1	+0.3	369.0	37.26	5152.07	309.12		-6.67	339.71	
		38-N	47	301.9	38	3.0		+0.4	360.4	36.39	5167.51	310.05		-6.69	339.75	
		39-N	51	292.6	38	3.0		+0.4	351.1	35.46	5183.27	311.00		-6.71	339.75	
		40-N	54	284.2	40	3.1		+0.4	342.8	34.62	5196.91	311.81		-6.72	339.71	
		41-N	57	272.8	39	3.0		+0.4	331.3	33.46	5217.35	313.04		-6.74	339.76	
		42-N	60	260.0	38	3.0		+0.5	318.6	32.17	5238.42	314.31		-6.76	339.72	
		43-N	64	248.3	38	3.0		+0.5	306.9	31.00	5258.14	315.49		-6.77	339.72	
2nd reading for 45-N		44-N	67	238.7	37	2.9		+0.5	297.2	30.01	5274.44	316.47		-6.79	339.69	
75/227.5/36		45-N	70	228.5	35	2.7	+55.1	+0.6	286.9	28.97	5287.20	317.23		-6.81	339.39	* leaked
		46-N	78	225.7	38	3.0	+56.0	+0.6	285.3	28.81	5295.68	317.74		-6.82	339.73	
		47-N	83	217.5	40	3.1		+0.7	277.3	28.00	5306.89	318.41		-6.84	339.57	
		48-N	86	205.4	41	3.2		+0.7	265.3	26.79	5324.90	319.49		-6.86	339.42	
		49-N	89	197.5	40	3.1		+0.7	257.1	25.96	5339.29	320.36		-6.87	339.45	
		50-N	92	188.8	40	3.1		+0.7	248.6	25.10	5353.21	321.19		-6.89	339.40	
	B.S.#29		101	187.3	38	3.0	+56.0	+0.8	247.1	24.95	—					
L. 188-W	B.S.#29		0	187.3	38	3.0	+56.8	0	247.1	24.95	(5305.79)					
		50+00N	4	217.2	40	3.1		-0.1	277.0	27.97	5298.66	317.92		-6.80	339.09	*
		49-N	8	229.3	40	3.1		-0.1	289.1	29.19	5281.71	316.90		-6.78	339.31	
		48-N	11	236.5	38	3.0		-0.1	296.2	29.91	5270.57	316.23		-6.77	339.37	
		47-N	14	246.0	38	3.0		-0.2	305.6	30.86	5255.84	315.35		-6.75	339.46	
		46-N	17	254.8	38	3.0		-0.2	314.4	31.75	5242.36	314.54		-6.73	339.56	
		45-N	20	261.9	39	3.0		-0.3	321.4	32.46	5230.05	313.80		-6.72	339.54	
		44-N	23	265.7	37	2.9		-0.3	324.3	32.75	5223.16	313.39		-6.70	339.44	
		43-N	26	270.6	38	3.0	+56.8	-0.3	330.1	33.34	5213.87	312.83		-6.68	339.49	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 12/09/76 OPERATOR TIM KIRBY INSTRUMENT #104 R INSTR. CONSTANT .100985 ~~.1010~~7 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 188-W		42-N	28	278.7	39	3.0	+56.8	-0.4	338.1	34.14	5200.28	312.02		-6.67	339.49	
		41-N	31	287.1	39	3.0		-0.4	346.5	34.99	5185.44	311.13		-6.65	339.47	
		40-N	35	299.1	39	3.0		-0.4	358.5	36.20	5164.26	309.86		-6.63	339.43	
		39-N	38	312.8	38	3.0		-0.5	372.1	37.58	5141.31	308.48		-6.62	339.44	
		38-N	43	322.9	38	3.0		-0.5	382.2	38.60	5123.26	307.40		-6.60	339.40	
		37+N	47	333.8	38	3.0		-0.6	393.0	39.69	5105.05	306.30		-6.58	339.41	
		36-N	50	343.8	39	3.0		-0.6	403.0	40.70	5087.22	305.23		-6.57	339.36	
		35-N	53	356.0	41	3.2		-0.7	415.3	41.94	5067.12	304.03		-6.55	339.42	
		34-N	57	365.7	38	3.0		-0.7	424.8	42.90	5051.26	303.08		-6.53	339.45	
		33-N	61	374.3	38	3.0		-0.8	433.3	43.76	5036.00	302.16		-6.52	339.40	
		32-N	65	380.7	40	3.1		-0.8	439.8	44.41	5024.92	301.50		-6.50	339.41	
		31-N	68	389.2	36	2.8		-0.9	447.9	45.23	5011.27	300.68		-6.48	339.43	
	-	30-N	72	394.2	38	3.0		-0.9	453.1	45.76	5001.57	300.09		-6.46	339.39	
		29-N	75	398.7	41	3.2		-0.9	457.8	46.23	4992.11	299.53		-6.45	339.31	
		28-N	79	403.4	35	2.7		-1.0	461.9	46.64	4983.96	299.04		-6.43	339.25	
		27-N	82	407.4	31	2.4		-1.0	465.6	47.02	4977.66	298.66		-6.41	339.27	
		26-N	85	411.6	36	2.8		-1.1	470.1	47.47	4970.13	298.21		-6.40	339.28	
		25-N	88	414.5	37	2.9	↓	-1.1	473.1	47.78	4964.99	297.90		-6.38	339.30	
	CAMP M.B.S.		104	534.4	37	2.9	+56.8	-1.3	592.8	59.86						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 13/09/76 OPERATOR Tim Kirby INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.132-W	B.S.#35		57	268.7	35	2.7	+56.9	-0.4	327.9	33.11						
		10+00-S	40	334.6	42	3.3	↑	-0.3	394.5	39.84				-5.16		
		9-S	36	341.2	37	2.9		-0.3	401.7	40.57				-5.18		
		8-S	33	353.6	40	3.1		-0.2	413.4	41.75				-5.20		
	↑	7-S	29	371.3	39	3.0		-0.2	431.0	43.52				-5.21		
		6-S	26	387.5	39	3.0		-0.2	447.2	45.16				-5.23		
		5-S	23	406.4	38	3.0		-0.2	466.1	47.07				-5.25		
		4-S	19	427.7	39	3.0		-0.1	487.5	49.23				-5.26		
		3-S	15	449.2	38	3.0		-0.1	509.0	51.40				-5.28		
		2-S	10	466.2	38	3.0		-0.1	526.0	53.12				-5.30		
		1-S	6	484.3	41	3.2		0	544.4	54.98				-5.31		
	↑	0+00	3	497.9	42	3.3		0	558.1	56.36				-5.33		
	B.S.#24		0	500.8	36	2.8	+56.9	0	560.5	56.60						
	B.S.#24		104	500.8	36	2.8	+55.6	+1.3	560.5	56.60						
		1+00N	100	512.3	41	3.2	↑	+1.3	572.4	57.80				-5.35		
		2+00N	96	524.0	40	3.1		+1.2	583.9	58.97				-5.36		
		3-N	91	536.8	40	3.1		+1.1	596.6	60.25				-5.38		
		4-N	88	546.1	39	3.0		+1.1	605.8	61.18				-5.40		
		5-N	84	557.5	40	3.1		+1.1	617.3	62.34				-5.41		
		6-N	80	565.0	40	3.1		+1.0	624.7	63.09				-5.43		
		7-N	76	571.1	42	3.2		+1.0	630.9	63.71				-5.45		
		8-N	70	576.3	39	3.0		+0.9	635.8	64.21				-5.46		
		9-N	66	575.4	40	3.1		+0.8	634.9	64.12				-5.48		
		10-N	62	573.8	42	3.3		+0.8	633.5	63.97				-5.50		
	↑	11-N	58	570.7	40	3.1	+55.6	+0.7	630.1	63.63				-5.52		

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 13/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-R INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.132-W		12-N	55	568.1	41	3.2	+55.6	+0.7	627.6	63.38				-5.53		
Sensitivity	↑	13-N	51	564.9	42	3.3	↑	+0.6	624.4	63.06				-5.55		
17.6 - 9:00 AM		14-N	47	559.6	40	3.1		+0.6	618.9	62.50				-5.57		
18.0 - 12:00 P.M		15-N	43	554.4	40	3.1		+0.5	613.6	61.96				-5.58		
		16-N	40	548.4	42	3.3		+0.5	607.8	61.38				-5.60		
		17-N	36	543.5	39	3.0		+0.5	602.6	60.85				-5.62		
		18-N	32	536.3	38	3.0		+0.4	595.3	60.12				-5.63		
		19-N	29	528.9	38	3.0		+0.4	587.9	59.37				-5.65		
		20-N	26	520.7	40	3.1		+0.3	579.7	58.54				-5.67		
		21-N	23	514.0	40	3.1		+0.3	573.0	57.86				-5.68		
		22-N	19	506.7	40	3.1		+0.2	565.6	57.12				-5.70		
		23-N	16	500.2	41	3.2		+0.2	559.2	56.47				-5.72		
		24-N	12	491.6	39	3.0		+0.2	560.4	55.58				-5.73		
	↑	25-N	9	482.7	42	3.3		+0.1	541.7	54.70				-5.75		
	B.S.#26		0	487.7	38	3.0	+55.6	0	546.3	55.17						
	B.S.#26		113	488.0	38	3.0	+54.2	+1.1	546.3	55.17				-5		
L.132-W		26+00N	104	474.0	39	3.0	↑	+1.0	532.2	53.74				-5.77		
		27-N	100	467.3	39	3.0		+1.0	525.5	53.07				-5.78		
		28-N	97	457.7	39	3.0		+0.9	515.8	52.09				-5.80		
		29-N	94	450.1	39	3.0		+0.9	508.2	51.32				-5.82		
		30-N	91	442.1	38	3.0		+0.9	500.2	50.51				-5.83		
		31-N	87	435.0	40	3.1		+0.8	493.1	49.80				-5.85		
		32-N	82	427.8	36	2.8		+0.8	485.6	49.04				-5.87		
		33-N	78	416.3	34	2.6		+0.8	473.9	47.86				-5.89		
	↑	34-N	75	409.4	38	3.0	+54.2	+0.7	467.3	47.19				-5.90		

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 13/09/76 OPERATOR TIM KIRBY INSTRUMENT #104-12 INSTR. CONSTANT .100985 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.132-W		35-N	71	403.8	39	3.0	+54.2	+0.7	461.7	46.62				-5.9~		
		36-N	67	397.5	42	3.3	↑	+0.7	455.7	46.02				-5.94		
		37-N	63	389.1	39	3.0		+0.6	446.9	45.13				-5.95		
		38-N	59	380.2	40	3.1		+0.6	438.1	44.24				-5.97		
		39-N	55	369.4	38	3.0		+0.5	427.1	43.13				-5.99		
		40-N	52	361.1	37	2.9		+0.5	418.7	42.28				-6.01		
		41-N	48	350.7	37	2.9		+0.5	408.3	41.23				-6.02		
		42-N	45	341.7	41	3.2		+0.4	399.5	40.34				-6.04		
		43-N	42	332.1	39	3.0		+0.4	389.7	39.35				-6.06		
		44-N	38	320.9	39	3.0		+0.4	378.5	38.22				-6.07		
		45-N	34	310.3	40	3.1		+0.3	367.9	37.15				-6.09		
		46-N	31	299.2	40	3.1		+0.3	356.8	36.03				-6.11		
		47-N	28	283.5	39	3.0		+0.3	341.0	34.44				-6.12		
		48-N	25	271.1	40	3.1		+0.2	328.6	33.18				-6.14		
		49-N	21	257.2	40	3.1		+0.2	314.7	31.78				-6.16		
L.132-W		50-N	17	243.6	39	3.0		+0.2	301.0	30.40				-6.17		
L.140-W		50+00-N	8	264.8	35	2.7		+0.1	322.7	32.59				-6.26		
	↑	49-N	5	283.8	38	3.0		0	341.0	34.43				-6.24		
	B.S.#27	48-N	0	294.4	38	3.0	+54.2	0	351.6	35.51				-6.23		
NOTES READ																
FROM BOTTOM																
TO TOP FOR																
LINE 132-W.																

MTC SARK GRAV (85)

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 7 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. .0600	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
CAMPSITE																
L-204+00 W	CAMP SITE	0+00 N	900	5162.41	34"	.25	6.24	.00	56.42	59.86						
L-220+00 W	℄ #31	25+00	930 000	46.31	31"	.23		↓	40.30	42.75	5064.51	303.87		-6.75'	339.87	
USING 3.0 AS READING LINE, AS OPPOSED TO			07	45.90	32	.24			39.90	42.33	5069.23	304.15		-6.73	339.75'	
29 FORMERLY.			13	45.39	32	.24			39.39	41.79	5076.04	304.56		-6.71"	339.63	
			17	45.50	30	.22			39.48	41.88	5074.49	304.47		-6.70	339.65'	
			22	45.60	20	.15			39.51	41.92	5072.57	304.35'		-668	339.59	
		20-N	27	46.02	31	.23			40.01	42.45	5064.93	303.90		-6.67	339.68	
			30	46.00	28	.21			39.97	42.41	5064.75'	303.89		-6.65'	339.65'	
			34	45.90	32	.24			39.90	42.32	5061.50	303.87		-6.63	339.57	
			38	45.82	28	.21			39.79	42.22	5065.20	303.91		-6.62"	339.51	
			43	45.79	32	.24			39.79	42.22	5064.48	303.87		-6.60	339.49	
		15-N	46	45.64	27	.20			39.60	42.02	5067.18	304.03		-6.58	339.47	
			50	45.72	29	.21			39.69	42.11	5065.58	303.93		-6.57	339.47	
			55	45.45	31	.23			39.44	41.85	5068.11	304.09		-6.55'	339.39	
			60	45.44	33	.24			39.44	41.85	5068.66	304.12		-6.53	339.44	
			64	45.49	30	.22			39.47	41.88	5067.85'	304.07		-6.52"	339.43	
		10-N	68	45.50	33	.24			39.50	41.91	5067.04	304.02"		-6.50	339.43	
			72	45.39	30	.22			39.37	41.77	5067.60	304.06		-6.48	339.35'	
			76	45.69	33	.24			39.69	42.11	5062.53	303.75'		-6.46	339.40	
			80	46.00	32	.24			40.00	42.44	5056.53	303.39		-6.45'	339.38	
			85	46.16	32	.24			40.16	42.61	5052.68	303.16		-6.43	339.43	
LATH IS MARKED 6-N. / INNA SURVEYORS		5-N	88	46.39	31	.23			40.38	42.84	5047.46	302.85'		-6.41	339.28	
GAINED +100'.			93	46.65	29	.21			40.62	43.10	5043.19	302.59		-6.40	339.29	
			97	46.75	31	.23			40.74	43.23	5040.96	302.46		-6.38	339.31	
		2-N	100	46.83	24	.18			40.77	43.26	5039.39	302.36		-6.36	339.26	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 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.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-220+00W		1-N	105	5146.89	33	.24	6.24	.00	40.89	43.38	5037.31	302.24		-6.35	339.27	
		0-N	109	47.10	33	.24	↓		41.10	43.61	5033.11	301.99		-6.33	339.27	
		0+00 (OR 1-S)	115	47.32	31	.23			41.31	43.83	5028.10	301.69		-6.31	339.21	
		SAME														
	1-S	0+00	00	47.32	31	.23			41.31	43.83	5028.10	301.69		-6.31	339.21	
	2	1+00-S	5	47.64	32	.24			41.64	44.18	5021.85	301.31		-6.30	339.19	
	3		10	48.18	30	.22			42.16	44.73	5011.75	300.71		-6.28	339.16	
	4		14	48.66	32	.24			42.66	45.26	5002.57	300.15		-6.26	339.15	
	5		18	49.35	36	.27			43.38	46.03	~~4977.86~~ 4989.96	~~298.67~~ 299.40		-6.25	~~338.45~~ 339.18	
	6	5-S	22	49.82	34	.25			43.83	46.50	4981.04	298.86		-6.23	339.13	
			25	50.25	35	.26			44.27	46.97	4972.39	298.34		-6.21	339.10	
			29	50.67	34	.25			44.68	47.41	4964.36	297.86		-6.20	339.07	
			32	51.22	33	.24			45.22	47.98	4954.17	297.27		-6.18	339.07	
℄ CUT LINE ℄ 220-W APPRO. 25'N OF #9	BASE? 10	9-S	38	51.76	34	.25			45.77	48.56	4943.82	296.63		-6.16	339.03	
	11	10-S	44	52.32	34	.25			46.33	49.16	4932.68	295.96		-6.14	338.98	
			49	52.77	35	.26			46.79	49.64	4922.73	295.36		-6.13	338.87	
			55	53.45	31	.23			47.44	50.33	4912.60	294.76		-6.11	338.98	
			59	54.02	26	.19			47.97	50.90	4900.77	294.05		-6.09	338.86	+
			63	55.48	30	.22			49.46	52.48	4874.40	292.46		-6.08	338.86	+
	16	15-S	67	56.92	36	.27			50.95	54.06	4850.63	291.04		-6.06	339.04	
			71	56.13	34	.25			50.14	53.20	4864.60	291.88		-6.04	339.04	
			74	55.42	35	.26			49.44	52.46	4875.60	292.54		-6.03	338.97	
			78	56.11	26	.19			50.06	53.11	4863.83	291.83		-6.01	338.93	
			81	57.16	34	.25			51.17	54.29	4845.35	290.72		-5.99	339.02	
	21	20-S	85	57.89	35	.26			51.91	55.08	4832.72	289.96		-5.98	339.06	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MON. 6 DATE SEPT. 76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 ~~1.0615~~ (THE NEW, REVISED CONSTANT) LATITUDE CHECKED

Remarks	Base	Station	Time (90=1300)	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading (52.03)	Observed Gravity (55.20)	Elev.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
L-220+00-W	22	~~21-S~~	90	51.58.02	34	.25	6.24	.00	5152.83	~~56.05~~	4830.23	289.81		-5.96	339.05'	
			94	58.53	34	.25	↓	↓	52.54	55.74	4815.85'	288.95'		-5.94	338.75'	* checked
			98	58.30	33	.24			52.30	55.49	4822.89	289.37		-5.93	338.93	
			102	58.79	38	.28			52.83	56.05	4814.33	288.86		-5.91	339.00	* checked
	26	~~25-S~~	105	58.39	21	.16			52.31	55.50	4819.92	289.20		-5.89	338.81	
			109	58.55	34	.25			52.56	55.77	4815.19	288.91		-5.88	338.80	
			113	58.96	37	.27			52.99	56.22	4807.22	288.43		-5.86	338.79	
			117	59.72	37	.27			53.75	57.03	4792.42	287.55'		-5.84	338.74	
			120	59.68	32	.24			53.68	56.95	4792.56	287.55		-5.83	338.67	
	31	~~30-S~~	125	60.39	33	.24			54.39	57.71	4780.78	286.85'		-5.81	338.75'	* checked
			128	59.59	32	.24			53.59	56.86	4791.98	287.52		-5.79	338.59	
SNAKEY			135	60.09	38	.28			54.13	57.43	4782.59	286.96		-5.77	338.62	
			148	60.36	32	.24			54.36	57.68	4776.22	286.57		-5.76	338.49	* checked.
℄	BASE?		153	62.11	32	.24			56.11	59.53	4748.35'	284.90		-5.74	338.69	
WINDY ↓	36	~~35-S~~	157	61.09	33	.24			55.09	58.45	4763.96	285.84		-5.72	338.57	
			161	61.32	34	.25			55.33	58.71	4759.78	285.59		-5.71	338.59	
			164	61.30	31	.23			55.29	58.66	4757.90	285.14		-5.69	338.41	
			168	61.75	32	.24			55.75	59.15	4747.72	284.86		-5.67	338.34	
			172	62.74	29	.21			56.71	60.17	4731.29	283.88		-5.66	338.39	
	41	~~40-S~~	177	62.82	32	.24			56.82	60.29	4729.48	283.77		-5.64	338.42	
			180	63.39	35	.26			57.41	60.91	4718.77	283.13		-5.62	338.42	
			184	63.63	34	.25			57.64	61.16	4713.27	282.80		-5.61	338.35'	
			187	63.51	36	.27			57.54	61.05	4713.13	282.79		-5.59	338.25	
			190	63.84	36	.27			57.87	61.40	4705.18	282.31		-5.57	338.14	
	46	~~45-S~~	195	64.74	29	.21			58.71	6229	4689.34	281.36		-5.56	338.09	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE TUES. SEPT. 7/76 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.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	17	~~46-S~~	203	5165.79	39	.29	6.24	.00	5159.84	63.49	4669.02	280.14		-5.54	338.09	
			208	65.12	30	.22	↓	↓	59.10	62.71	4678.73	280.72		-5.52	337.91	
			212	65.62	34	.25			59.63	63.27	4668.83	280.13		-5.51	337.89	
			215	66.39	34	.25			60.40	64.08	4654.42	279.27		-5.49	337.86	
	51	~~50-S~~	218	66.33	34	.25			60.34	64.02	4654.24	279.25		-5.47	337.80	
			222	66.34	32	.24			60.34	64.02	4652.32	279.14		-5.46	337.70	
			225	66.63	34	.25			60.64	64.34	4613.16	278.59		-5.44	337.49	checked
			228	67.53	32	.24			61.53	65.28	4626.83	277.61		-5.42	337.47	
			232	68.46	32	.24			62.46	66.27	4610.77	276.65		-5.40	337.52	
	56	~~55-S~~	235	69.16	33	.21			63.16	67.01	4598.66	275.92		-5.39	337.54	
			238	69.76	30	.22			63.74	67.63	4586.79	275.21		-5.37	337.47	
			242	70.33	35	.26			64.35	68.28	4575.66	274.54		-5.35	337.47	
			245	70.86	37	.27			64.89	68.85	4565.38	273.92		-5.34	337.43	
			248	71.08	31	.23			65.07	69.04	4560.56	273.63		-5.32	337.35	
SHAKEY	61	~~60-S~~	253	71.20	38	.28			65.24	69.22	4555.76	273.35		-5.30	337.27	
			257	71.54	35	.26			65.56	69.56	4548.29	272.90		-5.29	337.17	
			260	72.08	34	.25			66.09	70.12	4537.43	272.25		-5.27	337.10	
WATER - SHAKEY			264	73.49	28	.21			67.46	71.58	4513.27	270.80		-5.25	337.15	
℄ 220-N 65-S	BASE # 49	65	269	72.29	33	.24		TIE +.02	66.29	70.33	4535.07	272.10		-5.24	337.19	
	66	~~65-S~~	273	71.81	34	.25			65.82	69.84						
	CAMP SITE.		340	62.40	35	.26		.00	56.42	59.86						
		TIE														

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE 1976 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.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-204+00-W	CAMP SITE	0+00-N	820	516250	36	.27	6.35	.00	56.42	59.86						
	"	"	825	516249	"	.27	↓6.01	↓								
L-228+00-W		25+00N	856	36.18	34	.25			30.08	31.91	S247.61	314.86		-6.84	339.93	
		24-N	902	36.16	32	.24			30.05	31.88	S247.74	314.86		-6.82	339.92	
			906	36.03	33	.24			29.92	31.75	S248.74	314.92		-6.81	339.86	
			913	36.59	30	.22			30.46	32.32	S238.02	314.28		-6.79	339.81	
			917	37.21	35	.26			31.12	33.02	S226.40	313.58		-6.77	339.83	
		20-N	921	37.30	31	.23			31.18	33.08	S223.86	313.13		-6.76	339.75	
			924	37.42	34	.25			31.32	33.23	S220.28	313.22		-6.74	339.71	
			928	37.50	34	.25			31.40	33.32	S218.28	313.10		-6.72	339.70	
			932	37.36	34	.25			31.26	33.17	S218.84	313.13		-6.71	339.59	
			936	37.36	33	.24			31.25	33.16	S218.84	313.13		-6.69	339.60	
		15-N	940	37.22	33	.24			31.11	33.01	S218.54	313.11		-6.67	339.45	
			945	37.44	33	.24			31.33	33.24	S214.80	312.89		-6.66	339.47	
			949	37.67	34	.25			31.57	33.50	S209.54	312.57		-6.64	339.43	
			953	38.16	31	.23			32.04	33.99	S202.13	312.13		-6.62	339.50	* checked.
			957	38.28	31	.23			32.16	34.12	S197.68	311.86		-6.61	339.37	
		10-N	1001	38.64	29	.21			32.50	34.48	S191.14	311.47		-6.59	339.36	
			1005	39.00	32	.24			32.89	34.90	S183.35	311.00		-6.57	339.33	
			1009	39.66	33	.24			33.55	35.60	S171.58	310.28		-6.55	339.34	
			1013	40.47	29	.21			34.33	36.42	S158.47	309.51		-6.54	339.39	
			1017	41.42	34	.25			35.32	37.47	S142.49	308.55		-6.52	339.50	* checked.
		5-N	1021	41.79	30	.22			35.66	37.84	S135.40	308.12		-6.50	339.46	
		4-N	1025	42.32	35	.26			36.23	38.44	S125.37	307.52		-6.49	339.47	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 ~~52~~ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-228+00W		3-N	1029	514298	32	.24	6.35	.00	36.87	39.12	5113.44	306.81		-6.47	339.46	
			1033	43.78	33	.24	↓	↓	37.67	39.97	5098.30	305.90		-6.45	339.42	
		1-N	1037	44.63	33	.24			38.52	40.87	5082.95	304.98		-6.44	339.41	
		0+00	1040	45.67	32	.24			39.56	41.97	5064.62	303.88		-6.42	339.43	
		↕ SAME														
		0+00	1040	45.67	32	.24			39.56	41.97	5064.62	303.88		-6.42	339.43	
		1-S	1045	46.82	33	.24			40.71	43.19	5044.51	302.67		-6.40	339.46	
SHAKEY			1050	47.94	36	.27			41.86	44.41	5024.58	301.47		-6.39	339.49	
			1054	48.85	30	.22			42.72	45.33	5009.29	300.56		-6.37	339.52	
			1058	49.26	37	.27			43.18	45.81	5000.58	300.03		-6.35	339.49	
		5-S	1102	49.73	33	.24			43.62	46.28	4991.16	299.47		-6.34	339.41	
			1105	50.04	31	.23			43.92	46.60	4983.99	299.04		-6.32	339.32	
			1109	50.98	30	.22			44.85	47.59	4966.69	298.00		-6.30	339.29	
			1113	52.40	30	.22			46.27	49.09	4941.27	296.48		-6.29	339.28	
		9-S	1118	53.74	33	.24			47.63	50.54	4917.58	295.05		-6.27	339.32	
℄ L-228+00W CUT LINE		↕ SAME														
		9-S	1118	53.74	33	.24			47.63	50.54	4917.58	295.05		-6.27	339.32	
		10-S	1124	54.85	31	.23			48.73	51.70	4892.55	293.85		-6.25	339.30	
			1127	55.92	33	.24			49.81	52.85	4878.50	292.71		-6.23	339.33	
			1131	56.35	29	.21			50.21	53.27	4869.67	292.18		-6.22	339.23	
			1136	57.13	32	.24			51.02	54.13	4853.85	291.23		-6.20	339.16	
			1145	58.03	35	.26			51.94	55.11	4836.87	290.21		-6.18	339.14	✓ checked
		15-S	1150	58.38	32	.24			52.27	55.46	4826.84	289.61		-6.17	338.90	
			1155	59.62	33	.24			53.51	56.77	4803.00	288.18		-6.15	338.80	
		17-S	1200	61.49	30	.22			55.36	58.74	4770.55	286.23		-6.13	338.84	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE [redacted] THUR. SEPT. 09 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.06182 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-228+00-W		18-S	1208	51.6238	33	.24	6.35	.00	56.27	59.70	4755.24	285.31		-6.12	338.89	
			1212	61.71	30	.22		↓	55.58	58.97	4770.09	286.21		-6.10	339.08	
		20-S	1215	60.86	36	.27			54.78	58.12	4786.40	287.18		-6.08	339.22	
			1219	60.14	36	.27			54.06	57.36	4798.50	287.91		-6.07	339.20	
			1223	60.48	34	.25			54.38	57.70	4792.94	287.58		-6.05	339.23	
			1226	61.69	36	.27			55.61	59.00	4771.55	286.29		-6.03	338.26	+ checked
			1230	61.94	34	.25		+.01	55.85	59.26	4766.98	286.02		-6.02	339.26	
		25-S	1233	62.08	36	.27		+.01	56.01	59.43	4763.52	285.81		-6.00	339.24	
			1237	62.16	33	.24		+.01	56.06	59.48	4761.18	285.67		-5.98	339.17	
			1240	62.13	31	.23		+.01	56.02	59.44	4759.74	285.58		-5.97	339.05	
			1243	62.44	29	.21		+.01	56.31	59.74	4753.03	285.18		-5.95	338.97	
			1247	64.06	30	.22		+.01	57.94	61.47	4723.46	283.41		-5.93	338.95	
		30-S	1251	64.68	28	.21		+.01	58.55	62.12	4712.32	282.74		-5.92	338.94	
			1256	63.85	30	.22		+.01	57.73	61.25	4725.89	283.55		-5.90	338.90	
			1259	63.91	36	.27		+.01	57.84	61.37	4724.14	283.45		-5.88	338.94	
			1302	64.89	32	.24		+.01	58.79	62.38	4706.51	282.39		-5.86	338.91	
℄ 228-W 35-S			1306	64.59	33	.24		+.01	58.49	62.06	4710.96	282.66		-5.85	338.87	
		35-S	1312	64.87	26	.19		+.01	58.72	62.30	4704.82	282.29		-5.83	338.76	
			1315	64.11	29	.21		+.01	57.98	61.52	4716.15	282.97		-5.81	338.68	
			1320	64.28	35	.26		+.01	58.20	61.75	4710.64	282.64		-5.80	338.59	+ checked
			1323	65.55	34	.25		+.01	59.46	63.09	4688.72	281.32		-5.78	338.63	
			1327	65.93	30	.22		+.01	59.81	63.46	4681.46	280.89		-5.76	338.59	
		40-S	1332	66.45	31	.23		+.01	60.34	64.02	4670.66	280.24		-5.75	338.51	
			1335	65.20	37	.27		+.01	59.13	62.74	4688.21	281.29		-5.73	338.30	
SHAKEY		42-S	1342	67.57	40	.30		+.01	61.53	65.28	N.R.			-5.71		

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. [redacted] THUR. DATE SEPT. 9 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.0618 SUBJECT TO CHANGE WITHOUT NOTICE! LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-228-W		43-S	1348	51 68.59	26	.19	6.35	+.01	62.44	66.25	4629.55	277.77		-5.70	338.3~	
			1352	66.92	30	.22	↓	+.01	60.80	64.51	4658.73	279.52		-5.68	338.35'	
		45-S	1355	67.07	30	.22		+.01	60.95	64.67	4656.25'	279.38		-5.66	338.39	
			1358	66.97	30	.22		+.01	60.85	64.56	4657.29	279.44		-5.65'	338.35'	
			1401	66.70	31	.23		+.01	60.59	64.29	4661.15	279.67		-5.63	338.33	
			1405	66.75	33	.24		+.01	60.65	64.35'	4658.10	279.49		-5.61	338.23	
			1408	67.09	37	.27		+.01	61.02	64.74	4650.57	279.03		-5.60	338.17	
		50-S	1411	67.35	30	.22		+.01	61.23	64.97	4645.89	278.75		-5.58	338.14	
			1414	67.50	34	.25		+.01	61.41	65.16	4641.64	278.50		-5.56	338.10	
			1418	67.93	29	.21		+.01	61.80	65.57	4632.81	277.87		-5.55'	337.99	
			1422	68.46	31	.23		+.01	62.35	66.15	4621.23	277.27		-5.53	337.89	
			1425	69.18	34	.25		+.01	63.09	66.94	4606.99	276.42		-5.51	337.85'	
		55-S	1429	70.19	36	.27		+.01	64.12	68.03	4588.57	275.31		-5.49	337.85'	
			1433	7099	34	.25		+.01	64.90	68.86	4573.74	274.42		-5.48	337.80	
			1437	71.93	31	.23		+.01	65.82	69.84	4558.06	273.48		-5.46	337.86	
			1440	72.44	33	.24		+.01	66.34	70.39	4548.81	272.93		-5.44	337.88	
			1443	72.27	30	.22		+.01	66.15	70.19	4551.65'	273.10		-5.43	337.86	
		60-S	1446	72.30	33	.24		+.01	66.20	7024	4550.20	273.01		-5.41	337.84	
			1450	72.34	33	.24		+.01	66.24	7028	4547.64	272.86		-5.39	337.75'	
			1454	72.94	26	.19		+.01	66.78	7085	4535.81	272.15'		-5.38	337.6~	
			1458	73.57	33	.24		+.01	67.47	71.59	45'23.48	271.41		-5.36	337.64	
VERY SHAKEY READING APPROX.	℄		1504	74.88	27	.20		+.01	68.74	72.93 72.08	4500.16	270.01		-5.34	337.60 -336.75'	* checked
		65-S		—												
℄ L-220-W L-65-S	#49		1523	72.35	33	.24	TIE = -.02	+.01	66.25	70.29						
L-204-W +00	CAMP SITE	0+00-NS	1638	5162.50	35	.26		+.01	56.42	59.86						

DRIFT = -.01

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

FRI. 10

JOB No. MYE-SARK DATE SEPT. 76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.0615 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-204-W	BASE	0+00	830	5162.56	35	.26	6.40	.00	56.42	59.86						
L-236-W	BASE?	25-N	915	33.38	38	.28		↓	27.26	28.92	5298.66	317.92		-6.93	339.91	
			922	33.48	34	.25			27.33	29.00	5295.99	317.75		-6.91	339.84	
			925	33.50	35	.26			27.36	29.03	5294.90	317.64		-6.90	339.77	
			928	33.48	35	.26			27.34	29.01	5293.18	317.59		-6.88	339.72	
			931	32.95	34	.25			26.80	28.43	5299.20	317.95		-6.86	339.52	
		20-N	937	32.49	34	.25			26.34	27.95	5304.00	318.24		-6.85	339.34	
			940	32.76	35	.26			26.62	28.24	5298.24	317.89		-6.83	339.30	
			944	32.86	34	.25			26.71	28.34	5294.33	317.66		-6.81	339.19	
			949	32.02	32	.24			26.86	28.50	5289.79	317.39		-6.80	339.09	
			952	32.51	33	.24	.25	+.01	26.36	27.97	5294.01	317.64		-6.78	338.83	
		15-N	955	33.02	36	.27	.28	↓	26.90	28.54	5282.90	316.97		-6.76	338.75	
			959	35.00	32	.24	.25		28.85	30.61	5253.72	315.22		-6.75	339.08	
			1003	36.10	35	.26	.27		29.97	31.80	5234.37	314.06		-6.73	339.13	
			1006	36.73	33	.24	.25		30.58	32.45	5223.50	313.41		-6.71	339.15	
			1009	37.97	36	.27	.28		31.85	33.79	5202.90	312.17		-6.70	339.26	
		10-N	1013	39.03	32	.24	.25		32.88	34.89	5184.11	311.05		-6.68	339.26	
			1016	40.16	32	.24	.25		34.01	36.08	5164.28	309.86		-6.66	339.28	
			1020	41.84	35	.26	.27		35.71	37.89	5136.27	308.18		-6.64	339.43	
			1023	43.30	29	.21	.22		37.12	39.38	5112.25	306.74		-6.63	339.49	
			1028	44.55	29	.21	.22		38.37	40.71	5091.77	305.51		-6.61	339.61	
		5-N	1032	45.40	35	.26	.27		39.27	41.67	5076.23	304.57		-6.59	339.65	
			1035	46.33	33	.24	.25		40.18	42.63	5058.62	303.58		-6.58	339.63	
			1039	47.55	35	.26	.27		41.42	43.95	5038.02	302.28		-6.56	339.67	
		2-N	1043	48.85	36	.27	.28		42.73	45.34	5016.14	300.97		-6.54	339.77	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.0615 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-236-W		1-N	1048	51 49.74	34	.25	6.40	+.01	43.60	46.26	1998.80	299.93		-6.53	339.66	
		0+00	1052	51.04	36	.27	.28		44.92	47.66	4976.23	298.57		-6.51	339.72	
		1-S	1056	52.66	31	.23	.24		46.50	49.34	4948.57	296.91		-6.49	339.76	
			1100	53.80	31	.23	.24		47.64	50.55	4929.22	295.75		-6.48	339.82	
			1109	54.74	34	.25	.26		48.60	51.56	4912.29	294.79		-6.46	339.84	
			1113	55.52	28	.21	.22		49.34	52.35	4898.61	293.92		-6.44	339.83	
		5-S	1117	56.18	36	.27	.28		50.06	53.11	4886.89	293.19		-6.43	339.87	
			1120	56.72	32	.24	.25		50.57	53.65	4876.98	292.62		-6.41	339.86	
			1124	57.17	33	.24	.25		51.02	54.13	4867.82	292.07		-6.39	339.81	
			1128	57.98	34	.25	.26		51.84	55.00	4853.60	291.22		-6.38	339.84	
			1132	58.67	35	.26	.27		52.54	55.74	4841.24	290.47		-6.36	339.85	
	BASE?	10-S	1135	59.32	32	.24	.25		53.17	56.41	1828.18	289.71		-6.34	339.78	
			1138	59.81	34	.25	.26		53.67	56.94	4819.06	289.14		-6.32	339.76	
			1142	60.16	36	.27	.28		54.04	57.34	4810.92	288.66		-6.31	339.69	
			1145	60.43	34	.25	.26		54.29	57.60	4803.82	288.23		-6.29	339.54	
			1149	60.85	34	.25	.26		54.71	58.05	4793.40	287.60		-6.27	339.38	
		15-S	1153	61.32	29	.21	.22		55.14	58.50	4780.28	286.82		-6.26	339.06	
			1158	63.12	35	.26	.27		56.99	60.47	4741.52	284.49		-6.24	338.72	
			1202	66.12	24	.18	.19		59.91	63.56	4687.89	281.27		-6.22	338.61	
TOO DAMN SHAKEY!				—							4644.09			-6.21		
			1212	69.84	36	.27	.28		63.72	67.61	4617.42	277.05		-6.19	338.47	
		20-S	1215	69.17	31	.23	.24		63.01	66.85	4633.87	278.03		-6.17	338.71	
			1219	67.86	37	.27	.28		61.74	65.51	4659.19	279.55		-6.16	338.90	
			1223	66.56	34	.25	.26		60.42	64.11	4684.47	281.07		-6.14	339.04	
		23-S	1227	64.79	33	.24	.25		58.64	62.22	4715.88	282.95		-6.12	339.05	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT./76 FRI. 10 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.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-236-W		24-S	1232	5165.68	34	.25	6.40	+.01	59.54	63.17	4702.49	282.15		-6.11	339.21	
		25-S	1236	66.20	30	.22	.24	+.02	60.04	63.70	4692.96	281.58		-6.09	339.19	
			1239	66.63	31	.23	.25	↓	60.48	64.17	4683.48	281.01		-6.07	339.11	
			1243	68.28	33	.24	.26		62.14	65.93	4649.92	279.00		-6.06	338.87	
			1247	69.16	36	.27	.29		63.05	66.90	4633.77	278.03		-6.04	338.89	
			1250	67.38	29	.21	.23		61.21	64.94	4667.59	280.06		-6.02	338.98	
		30-S	1254	67.08	34	.25	.27		60.95	64.67	4672.73	280.36		-6.01	339.02	
			1257	67.08	36	.27	.29		60.97	64.69	4670.44	280.23		-5.99	338.93	
			1300	67.30	34	.25	.27		61.17	64.90	4665.31	279.92		-5.97	338.85	
			1304	68.70	36	.27	.29		62.59	66.41	4638.10	278.29		-5.95	338.75	
℄ 236-W 35-S	BASE?		1307	69.94	36	.27	.29		63.83	67.72	4615.98	276.96		-5.94	338.74	
		35-S	1315	68.77	32	.24	.26		62.63	66.45	4635.89	278.15		-5.92	338.68	
			1319	69.98	39	.29	.31		63.89	67.79	4611.62	276.70		-5.90	338.59	
			1324	71.88	31	.23	.25		65.73	69.74	4575.39	274.52		-5.89	338.37	
			1328	71.45	33	.24	.26		65.31	69.29	4582.65	274.96		-5.87	338.38	
			1335	69.14	34	.25	.27		63.01	66.85	4623.68	277.42		-5.85	338.42	
		40-S	1339	67.78	36	.27	.29		61.65	65.41	4649.70	278.98		-5.84	338.55	
			1343	67.88	35	.26	.28		61.74	65.51	4650.09	279.01		-5.82	338.70	
			1346	68.18	35	.26	.28		62.06	65.85	4645.17	278.71		-5.80	338.76	
			1348	68.32	32	.24	.26		62.18	65.97	4642.48	278.55		-5.79	338.73	
			1353	68.52	33	.24	.26		62.38	66.19	4637.74	278.26		-5.77	338.68	
		45-S	1356	68.68	30	.22	.24		62.52	66.33	4633.56	278.01		-5.75	338.59	
			1400	68.73	30	.22	.24		62.57	66.39	4631.26	277.88		-5.74	338.53	
			1404	68.96	36	.27	.29		62.85	66.68	4625.24	277.51		-5.72	338.47	
		48-S	1408	69.33	30	.22	.24		63.17	67.02	4618.17	277.09		-5.70	338.41	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 10 FRI. 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.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-236-W		49-S	1413	5169.22	30	.22	6.40	+.02	63.06	66.91	4617.31	277.04		-5.69	338.26	
		50-S	1417	70.26	29	.21	.23	↓	64.09	68.00	4596.04	275.76		-5.67	338.09	
			1422	72.33	27	.20	.22		66.15	70.19	4558.21	273.49		-5.65	338.03	
			1426	72.67	29	.21	.23		66.50	70.56	4553.06	273.18		-5.64	338.10	
			1429	71.53	33	.24	.26		65.39	69.38	4573.75	274.43		-5.62	338.19	
			1433	71.08	39	.29	.31		64.99	68.95	4580.99	274.86		-5.60	338.21	
		55-S	1438	71.52	36	.27	.29		65.41	69.40	4573.79	274.42		-5.58	338.24	
			1442	71.87	35	.26	.28		65.73	69.74	4567.47	274.05		-5.57	338.22	
			1445	72.40	35	.26	.28		66.28	70.32	4557.54	273.45		-5.55	338.22	
			1448	73.75	39	.29	.31		67.66	71.79	4532.82	271.97		-5.53	338.23	
			1452	73.55	40	.30	.32		67.47	71.59	4534.38	272.06		-5.52	338.17	
		60-S	1456	73.37	36	.27	.29		67.26	71.36	4537.07	272.22		-5.50	338.08	
			1500	73.05	34	.25	.27		66.92	71.00	4540.62	272.44		-5.48	337.96	
			1503	73.12	34	.25	.27		66.99	71.08	4536.57	272.19		-5.47	337.80	
			1506	72.98	32	.24	.26		66.84	70.92	4534.31	272.06		-5.45	337.53	
		64-S	1512	74.20	34	.25	.27		68.07	72.22	4508.56	270.51		-5.43	337.30	
NOT SUITABLE FOR BASE-SNAKEY		65-S	1518	76.64	25	.18	.20		70.44	74.74	4465.87	267.95		-5.42	337.27	
℄ 220-W 64=65-S	#49	64-S	1540	72.36	35	.26	TIE =-.02	+.03	66.25	70.29						
ON ROAD AND 10-S CUT LINE.	#32		1625	52.64	33	.24	TIE=-.01		46.51	49.35						
L-204-W	CAMP SITE	0+00-N	1645	62.54	34	.25		+.03	56.42	59.86						
							DRIFT=-.03									

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 11 SAT. 76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-204-W	CAMP SITE	0+00 N	800	516258	35	.26	6.42		56.42	59.86						
L-244-W ℄ 25-N		25+00N	850	42.33	36	.27	↓		36.18	38.39	5150.54	309.03		-7.02	~~340.40~~	
			855	42.67	37	.27			36.52	38.75	5144.71	308.68		-7.00	340.43	
			900	42.35	35	.26			36.19	38.40	5148.57	308.91		-6.99	340.32	
			904	42.15	37	.27			36.00	38.20	5150.19	309.01		-6.97	340.24	
DAMNED BASE PLATE BROKE!			934	42.53	33	.24			36.35	38.57	5142.86	308.57		-6.95	340.19	
		20-N	938	43.14	34	.25			36.97	39.23	5130.80	307.85		-6.94	340.14	
			943	44.30	31	.23			38.11	40.43	5111.71	306.70		-6.92	340.21	
			947	45.28	33	.24			39.10	41.49	5095.09	305.71		-6.90	340.30	
READING APPROX. SHAKEY.			953	46.22	34	.25			40.05	42.49	5076.73	304.60		-6.89	340.20	
			956	47.35	36	.27			41.20	43.71	5056.43	303.39		-6.87	340.23	
		15-N	1000	47.71	39	.29			41.58	44.12	5047.47	302.85		-6.85	340.12	
			1004	48.77	34	.25			42.60	45.20	5029.08	301.74		-6.84	340.10	
			1008	48.93	33	.24			42.75	45.36	5024.73	301.48		-6.82	340.02	
			1013	48.76	37	.27			42.61	45.21	5024.63	301.48		-6.80	339.89	
			1022	48.67	35	.26			42.51	45.10	5024.80	301.49		-6.79	339.80	
		10-N	1026	49.68	34	.25			43.51	46.16	5008.22	300.49		-6.77	339.88	
			1030	50.06	36	.27			43.91	46.59	5000.29	300.02		-6.75	339.86	
			1033	50.98	37	.27			44.83	47.56	4984.16	299.05		-6.73	339.88	
			1037	52.18	33	.24			46.00	48.81	4964.00	297.84		-6.72	339.93	
			1042	53.39	32	.24			47.21	50.09	4943.60 4941.57	~~296.60~~ 296.40		-6.70	~~339.88~~	~~340.01~~
		5-N	1047	54.83	38	.28			48.69	51.66	4918.85	295.13		-6.68	340.11	
WIND. SHAKEY.			1052	56.02	33	.24			49.84	52.88	4898.86	293.93		-6.67	340.14	
			1056	57.09	36	.27			50.94	54.05	4881.21	292.87		-6.65	340.27	
		2-N	1100	57.90	34	.25			51.73	54.89	4866.90	292.01		-6.63	340.27	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 11 SAT. 76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-244-W		1-N	1107	51587.9	32	.24	6.42	.00	52.61	55.82	4850.87	291.05		-6.62	340.25	
SHAKEY ?		0+00	1113	59.42-48	32	.24	↓		53.27	56.52	4838.45	290.31		-6.60	340.23	
		1-S	1124	60.02	40	.30	.31	+.01	53.91	57.20	4828.56	289.71		-6.58	340.33	
			1128	60.55	35	.26	.27		54.40	57.72	4819.49	289.17		-6.57	340.32	
			1133	60.98	36	.27	.28		54.84	58.19	4811.79	288.71		-6.55	340.35	
			1137	61.59	34	.25	.26		55.43	58.81	4800.90	288.05		-6.53	340.33	
		5-S	1142	61.91	30	.22	.23		55.72	59.12	4794.67	287.68		-6.52	340.28	
			1145	62.13	35	.26	.27		55.98	59.39	4788.82	287.33		-6.50	340.22	
			1150	62.53	37	.27	.28		56.39	59.83	4779.80	286.79		-6.48	340.14	
SHAKEY			1154	63.00	37	.27	.28		56.86	60.33	4771.89	286.31		-6.47	340.17	
			1158	63.47	33	.24	.25		57.30	60.80	4762.99	285.78		-6.45	340.13	
		10-S	1203	63.87	32	.24	.25		57.70	61.22	4754.98	285.30		-6.43	340.09	
			1207	64.05	35	.26	.27		57.90	61.43	4750.01	285.00		-6.41	340.02	
			1210	64.43	31	.23	.24		58.25	61.80	4742.17	284.53		-6.40	339.93	
			1214	64.80	34	.25	.26		58.64	62.22	4734.22	284.05		-6.38	339.89	
			1219	65.21	32	.24	.25		59.04	62.64	4725.14	283.51		-6.36	339.79	
		15-S	1223	65.69	34	.25	.26		59.53	63.16	4715.14	282.91		-6.35	339.72	
		16	1227	66.24	34	.25	.26		60.08	63.74	4701.97	282.12		-6.33	339.53	
		17	1232	68.51	35	.26	.27		62.36	66.16	4656.81	279.41		-6.31	339.26	
L-204-W		18	1237	70.95	28	.21	.22		64.75	68.70	4612.24	276.73		-6.30	339.13	
TRIPOD BREAKS CAN'T FIX IT THIS TIME.	CAMP SITE	0+00	1445	62.57	35	.26	.27	+.01	56.42	59.86						
								DRIFT = -.01								
		23-S														

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 12 SUN. 76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-204-W	CAMP SITE	0+00	1200	5162.61	36	.27	6.46	.00	56.42	59.86						
REPEAT L-244-W		18+00-S	1253	70.98	30	.22	↓		64.74	68.69	4612.24	276.73		-6.30	339.12	
		19-S	1338	72.86	26	.19			66.53	70.59	4579.78	274.79		-6.28	339.10	
		20-S	1343	72.34	34	.25	~~26~~ 27	-.01	66.12	70.15	4589.88	275.39		-6.26	339.28	
			1348	70.77	31	.23	~~24~~ 22		64.51	68.45	4620.02	277.20		-6.25	339.40	
			1353	69.33	34	.25	~~26~~ 24		63.11	66.96	4644.51	278.67		-6.23	339.40	
			1357	69.78	35	.26	~~27~~ 25		63.57	67.45	4638.18	278.29		-6.21	339.53	
			1402	70.09	35	.26	~~27~~ 25		63.88	67.78	4632.58	277.95		-6.20	339.53	
		25-S	1407	70.20	39	.29	~~30~~ 28		64.02	67.93	4629.23	277.75		-6.18	339.50	
			1412	70.34	35	.26	~~27~~ 25		64.13	68.04	4626.62	277.60		-6.16	339.48	
			1415	70.53	33	.24	~~25~~ 23		64.30	68.22	4623.35	277.40		-6.15	339.47	
			1419	7097	32	.24	~~25~~ 23		~~64~~.74	~~69~~.75 63.69	4615.49	276.93		-6.13	~~340.55~~ 339.49	
			1424	70.88	33	.24	~~25~~ 23		64.65	68.59	4616.83	277.01		-6.11	339.49	
		30-S	1428	70.90	37	.27	~~28~~ 26		64.70	68.65	4614.43	276.87		-6.10	339.42	
			1435	71.35	38	.28	~~29~~ 27		65.16	69.13	4606.32	276.38		-6.08	339.43	*
			1447	71.11	31	.23	~~27~~ 27		64.87	68.83	4607.31	276.44		-6.06	339.21	*
			1451	71.87	36	.27	~~29~~ 27		65.~~67~~ 68	69.~~68~~ 69	4593.03	275.58		-6.04	339.22	*
			1455	73.03	29	.21	~~22~~ 24	TIE 23 = -.01	66.77	70.84	4570.91	274.25		-6.03	339.06	
℄ 244-W + CUT LINE (S-S)		35-S	1500	73.80	33	.24	~~25~~ 23		67.57	71.69	4556.60	273.40		-6.01	339.08	
			1508	74.87	34	.25	~~26~~ 24		68.65	72.84	4539.23	272.35			339.18	
			1512	73.94	32	.24	~~25~~ 23		67.71	71.84	4555.40	273.32		-5.99	339.17	
			1517	72.47	33	.24	~~25~~ 23		66.24	70.28	4582.17	274.93		-5.98	339.23	
GERY SHAKEY			1522	71.63	30	.22	~~23~~ 21		65.38	69.37	4596.85	275.81		-5.96	339.22	
			1526	71.50	35	.26	~~27~~ 25		65.29	69.27	4597.78	275.87		-5.94	339.20	
		40-S	1530	71.68	32	.24	~~25~~ 23		65.45	69.44	4595.63	275.74		-5.93	339.25	
		41-S	1534	71.85	31	.23	~~24~~ 22		65.61	69.61	4592.80	275.57		-5.91	339.27	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 12 SUN. 76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-244-W		42-S	1538	517 1.92	32	.24	6.46	-.01	65.69	69.70	4590.71	275.44		-5.89	339.25	
			1543	72.10	33	.24	↓		65.87	69.89	4586.65	275.20		-5.88	339.21	
			1546	72.18	33	.24	.23		65.96	69.98	458375	275.03		-5.86	339.15	
		45-S	1550	72.08	38	.28	.27		65.89	69.91	458374	275.02		-5.84	339.09	
			1554	72.00	34	.25	.24		65.78	69.79	4583.77	275.03		-5.83	338.99	
SHAKEY			1558	72.20	36	.27	.26		66.00	70.03	4579.18	274.75		-5.81	338.97	
			1603	7258	32	.24	.23		66.35	70.40	4572.05	274.32		-5.79	338.93	
			1607	73.28	30	.22	.21		67.03	71.12	4556.61	273.40		-5.78	338.74	
		50-S	1612	75.22	28	.21	.20		68.96	73.17	4520.31	271.22		-5.76	338.63	
			1616	75.26	34	.25	.24		69.04	73.25	4518.53	271.11		-5.74	338.62	
			1620	73.98	34	.25	.24		67.76	71.89	4538.72	272.32		-5.73	338.48	
			1624	73.37	38	.28	.27		67.18	71.28	4548.57	272.91		-5.71	338.48	
			1628	72.65	33	.24	.23		66.42	70.47	4559.92	273.60		-5.69	338.38	
SHAKEY		55-S	1632	72.55	34	.25	.24		66.33	70.38	4559.99	273.60		-5.67	338.31	
			1636	72.64	33	.24	.23		66.41	70.46	4557.10	273.43		-5.66	338.23	
			1640	72.75	35	.26	.25		66.54	70.60	4553.34	273.20		-5.64	338.16	
			1644	73.05	35	.26	.25		66.84	70.92	4546.64	272.80		-5.62	338.10	
			1647	73.20	34	.25	.24		66.98	71.07	4542.33	272.54		-5.61	338.00	
		60-S	1651	73.05	38	.28	.28		66.87	70.95	4542.55	272.55		-5.59	337.91	
			1654	72.88	37	.27	.26		66.68	70.75	4543.57	272.61		-5.57	337.79	
			1702	72.96	29	.21	.19	-.02	66.69	70.76	4541.96	272.52		-5.56	337.72	
			1707	72.94	36	.27	.25		66.73	70.80	4539.36	272.36		-5.54	337.62	
℄ 244-W BASE LINE 64+54	#48		1711	72.97	36	.27	.25	TIE = -.02	66.76	70.83	4536.44	272.22 - 272.19		-5.51	337.54 337.51	
L-204-W	CAMP SITE	0+00	1845	5162.64	35	.26	.24	-.02	56.42	59.86		64 ie 453	7.06			

DRIFT = +.02

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEP. 13 1976 OPERATOR O'CONNOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-204-W	CAMP SITE	0+00	815	5162.65	35	.26	6.49	.00	56.42	59.86						
L-292-W		25-N	925	80.31	37	.27	.26	-.01	74.08	78.60	4523.03	271.38		-7.56	342.42	
			940	80.74	34	.25	.24		74.49	79.03	4514.89	270.89		-7.54	342.38	
			945	81.79	31	.23	.22		75.52	80.13	4496.63	269.80		-7.53	342.40	
			952	82.45	33	.24	.23		76.19	80.84	4484.63	269.08		-7.51	342.41	
			957	82.54	30	.22	.21		76.26	80.91	4482.89	268.97		-7.49	342.39	
		20-N	1001	82.76	26	.19	.18		76.45	81.11	4479.00	268.74		-7.48	342.37	
			1006	82.79	31	.23	.22		76.52	81.19	4477.50	268.65		-7.46	342.38	
			1010	82.90	30	.22	.21		76.62	81.29	4475.31	268.52		-7.44	342.37	
			1015	82.91	32	.24	.23		76.65	81.33	4474.29	268.46		-7.43	342.36	
			1020	83.04	30	.22	.21		76.76	81.44	4472.27	268.34		-7.41	342.37	
DETECTED A NEGLIGIBLE 100' MISTAKE 15-N = 16-N ACTUAL = SURVEYORS		15-N	1026	83.20	31	.23	.22		76.93	81.62	4469.20	268.15		-7.39	342.38	
			1030	83.29	32	.24	.23		77.03	81.73	4465.99	267.96		-7.38	342.31	
			1034	83.42	30	.22	.21		77.14	81.85	4462.71	267.76		-7.36	342.25	
			1038	83.46	26	.19	.18		77.15	81.86	4460.78	267.65		-7.34	342.17	
			1043	83.55	30	.22	.21		77.27	81.98	4457.72	267.46		-7.33	342.11	
		10-N	1047	83.73	30	.22	.21		77.45	82.17	4452.77	267.17		-7.31	342.03	
			1053	84.20	29	.21	.20		77.91	82.66	4443.53	266.61		-7.29	341.98	
SHAKEY			1059	84.87	29	.21	.20		78.58	83.37	4430.27	265.82		-7.27	341.92	
			1104	85.78	35	.26	.25		79.54	84.39	4412.40	264.74		-7.26	341.87	
			1110	87.13	32	.24	.23		80.87	85.80	4388.40	263.30		-7.24	341.86	
		5-N	1115	87.77	36	.27	.26		81.54	86.51	4376.32	262.58		-7.22	341.87	
			1122	88.18	34	.25	.24		81.93	86.93	4366.66	262.00		-7.21	341.72	
			1126	88.99	29	.21	.20		82.70	87.74	4349.81	260.99		-7.19	341.54	
		2-N	1132	90.50	30	.22	.21		84.22	89.36	4317.77	259.07		-7.17	341.26	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 13 1976 OPERATOR O'CONNOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
WINDY																
L-292-W		1-N	1138	5192.10	31	.23 .21	6.49	-.02	85.82	91.06	4280.66	256.84		-7.16	340.74	
NO NAIL - CREEK BED.		0+00		—							4256.98			-7.14		
THIS 0+00 IS ACTUALLY 1+00 S	1-S	0+00	1152	92.54	30	.22	.20		86.25	9151	4269.03	256.14		-7.12	340.53	
SHAKEY		1-S	1157	91.27	27	.20	.18		84.96	90.14	4294.19	257.65		-7.11	340.68	
			1202	89.98	31	.23	.21		83.70	88.81	4319.53	259.17		-7.09	340.80	
			1208	88.25	28	.21	.19		81.95	86.95	4353.46	261.21		-7.07	341.09	
			1213	86.45	34	.25	.23		80.19	85.08	4387.32	263.24		-7.06	341.26	
	6-S	5-S	1222	84.82	34	.25	.23		78.56	83.35	4419.29	265.16		-7.04	341.47	
SHAKEY			1228	83.50	36	.27	.25		77.26	81.97	4444.60	266.68		-7.02	341.63	
			1236	82.29	30	.22	.20		76.00	80.64	4467.08	268.02		-7.01	341.65	
WIND AFFECTING METER ENTIRELY TOO MUCH!				—							4496.46			-6.99		
			1320	79.31	27	.20	.18		73.00	77.45	4521.48	271.29		-6.97	341.77	
	11-S	10-S	1326	78.12	34	.25	.23		71.86	76.24	4541.02	272.46		-6.95	341.75	
"			1332	77.11	32	.24	.22		70.84	75.16	4559.69	273.58		-6.94	341.80	
			1338	75.66	34	.25	.23		69.40	73.63	4584.24	275.05		-6.92	341.76	
			1341	74.92	28	.21	.19		68.62	72.81	4598.91	275.93		-6.90	341.84	
			1346	74.15	33	.24	.22		67.88	72.02	4612.51	276.75		-6.89	341.88	
	16-S	15-S	1352	73.41	29	.21	.18	-.03	67.10	71.19	4625.85	277.55		-6.87	341.87	
			1357	72.90	35	.26	.23		66.64	70.71	4634.69	278.08		-6.85	341.94	
			1400	72.35	32	.24	.21		66.07	70.10	4644.58	278.67		-6.84	341.93	
			1404	71.77	31	.23	.20		65.48	69.47	4654.23	279.25		-6.82	341.90	
			1408	71.16	33	.24	.21		64.88	68.84	4662.66	279.76		-6.80	341.80	
	21-S	20-S	1413	70.60	31	.23	.20		64.31	68.23	4671.71	280.30		-6.79	341.74	
			1416	70.04	34	.25	.22		63.77	67.66	4681.26	280.88		-6.77	341.77	
	23-S	22-S	1419	69.50	33	.24	.21		63.22	67.08	4690.37	281.42		-6.75	341.75	

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 13 1976 OPERATOR O'CONNOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
WINDY!																
L-292-W	24-S	23-S	1425	5168.96	32	.24	.21 .49	-.03	62.68	66.50	4699.05	281.94		-6.74	341.70	
			1429	68.60	35	.26	.23		62.34	66.14	4704.24	282.25		-6.72	341.67	
	26-S	25-S	1433	68.13	35	.26	.23		61.87	65.64	4711.96	282.72		-6.70	341.66	
			1437	67.60	33	.24	.21		61.32	65.06	4720.82	283.25		-6.69	341.62	
			1440	67.14	32	.24	21		60.86	64.57	4728.53	282.71		-6.67	341.61	
			1444	66.81	30	.22	.19		60.51	64.20	4734.88	284.09		-6.65	341.64	
			1448	66.25	34	.25	.22		59.98	63.64	4743.82	284.63		-6.64	341.63	
	31-S	30-S	1451	65.77	35	.26	.23		59.51	63.14	4751.73	285.10		-6.62	341.62	
			1454	65.36	32	.24	.21		59.08	62.68	4757.62	285.46		-6.60	341.54	(30-33)
			1458	64.90	35	.26	.23		58.64	62.22	4764.04	285.84		-6.58	341.48	
			1502	64.34	34	.25	.22		58.07	61.61	4772.70	286.36		-6.57	341.40	
℄ 292-W 35-S	35-S	34-N	1505	64.00	34	.25	.22		57.73	61.25	4777.60	286.66		-6.55	341.35	
	36-S	35-S	1511	63.59	33	.24	.21		57.31	60.81	4784.11	287.05		-6.53	341.33	
			1515	62.88	29	.21	.18		56.57	60.02	4795.86	287.75		-6.52	341.25	
			1519	61.87	30	.22	.19		55.57	58.96	4812.29	288.74		-6.50	341.20	
			1522	61.08	29	.21	.18		54.77	58.11	4824.38	289.46		-6.48	341.09	
			1527	60.36	29	.21	.18		54.05	57.35	4834.64	290.08		-6.47	340.96	
	41-S	40-S	1531	59.78	31	.23	.20		53.49	56.75	4842.05	290.52		-6.45	340.82	
			1537	59.52	31	.23	.20		53.23	56.48	4844.59	290.68		-6.43	340.73	
			1541	59.29	34	.25	.22		53.02	56.25	4846.84	290.81		-6.42	340.64	56.24
			1544	59.12	33	.24	.21		53.14	56.38	4843.17	290.59		-6.40	340.57	56.39
	45-S		1549	60.37	35	.26	.23		54.11	57.41	4827.06	289.62		-6.38	340.65	57.37
THERE IS TOO MUCH WIND!		45-S		—							4824.29					
L-204-W	CAMP SITE	0+00	1715	5162.69	35	.26	.22	-.04	56.42	59.86						
							DRIFT = +.04									

MYE SARK GRAV. (104)

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 16 1976 OPERATOR O'CONNOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
METER SLIGHTLY WIND AFFECTING	CAMP SITE		830	62.73 (61627?3)	33	.24	6.55	.00	56.42	59.86						
℄ 252-W 25-N	#40	25-N	900	52.66	37	.27	.26	-.01	46.37	49.20	4982.18	298.93		-7.11	341.02	
			906	52.72	34	.25	.24	TIE =-.02	46.41	49.24	4981.12	298.87		-7.09	341.02	
			909	52.96	35	.26	.25		46.66	49.51	4976.88	298.61		-7.08	341.04	
			913	53.06	35	.26	.25		46.76	49.61	4974.58	298.47		-7.06	341.02	
			917	53.48	31	.23	.22		47.15	50.03	4967.02	298.02		-7.04	341.01	
SHAKEY		20-N	924	54.00	33	.24	.23		47.68	50.59	4956.18	297.37		-7.03	340.93	
			927	55.00	32	.24	.23		48.68	51.65	4936.37	296.18		-7.01	340.82	
			931	56.47	33	.24	.23		50.15	53.21	4910.44	294.63		-6.99	340.85	
			936	57.15	31	.23	.22		50.82	53.92	4898.43	293.91		-6.98	340.85	
			940	57.61	30	.22	.21		51.27	54.40	4892.15	293.53		-6.96	340.97	
		15-N	944	58.32	34	.25	.24		52.01	55.18	4877.59	292.66		-6.94	340.90	
			948	58.56	29	.21	.20		52.21	55.39	4872.33	292.34		-6.93	340.80	
			952	58.95	32	.24	.22	-.02	52.62	55.83	4865.15	291.91		-6.91	340.83	
			956	59.52	29	.21	.19		53.16	56.40	4856.39	291.38		-6.89	340.89	
SHAKEY			1001	59.83	34	.25	.23		53.51	56.77	4849.97	291.00		-6.88	340.89	
"		10-N	1006	60.31	34	.25	.23		53.99	57.28	4839.98	290.40		-6.86	340.82	
			1010	61.13	32	.24	.22		54.80	58.14	4825.89	289.55		-6.84	340.85	
			1014	61.92	28	.21	.19		55.56	58.95	4811.83	288.71		-6.82	340.84	
			1023	62.67	32	.24	.22		56.36	59.80	4797.28	287.84		-6.81	340.83	
			1027	63.37	35	.26	.24		57.06	60.54	4784.90	287.09		-6.79	340.84	
		5-N	1033	63.87	36	.27	.25		57.57	61.08	4775.19	286.51		-6.77	340.82	
			1037	64.26	35	.26	.24		57.95	61.48	4767.53	286.05		-6.76	340.77	
			1042	64.61	35	.26	.23	-.03	58.29	61.85	4759.81	285.59		-6.74	340.70	
		2-N	1045	65.07	33	.24	.21		58.73	62.31	4751.92	285.12		-6.72	340.71	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 18 1976 OPERATOR O'CONNOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-252 W		1-N	1049	5165.48	28	.21 .18	6.55	-.03	59.11	62.72	4744.62	284.68		-6.71	340.69	
		0+00	1054	65.72	37	.27	.24		59.41	63.03	4737.80	284.27		-6.69	340.61	
		1-S	1057	65.95	33	.24	.21		59.61	63.25	4733.01	283.98		-6.67	340.56	
			1101	66.16	35	.26	.23		59.84	63.49	4727.77	283.67		-6.66	340.50	
			1104	66.43	34	.25	.22		60.10	63.77	4722.11	283.33		-6.64	340.46	
			1108	66.74	33	.24	.21		60.40	64.08	4714.38	282.86		-6.62	340.32	
		5-S	1111	67.12	33	.24	.21		60.78	64.49	4707.41	282.44		-6.61	340.32	
			1116	67.34	34	.25	.22		61.01	64.73	4701.87	282.11		-6.59	340.25	
			1120	67.62	33	.24	.21		61.28	65.02	4696.04	281.76		-6.57	340.21	
			1124	67.83	32	.24	.21		61.49	65.24	4691.38	281.48		-6.56	340.16	
			1128	68.17	36	.27	.24		61.86	65.63	4684.28	281.06		-6.54	340.15	
		10-S	1131	68.64	33	.24	.21		62.30	66.10	4676.12	280.57		-6.52	340.15	
			1136	69.10	32	.24	.21		62.76	6.59	4667.75	280.07		-6.50	340.16	
			1140	69.36	38	.28	.24	-.04	63.05	66.90	4662.36	279.74		-6.49	340.15	
			1144	69.60	33	.24	.20		63.25	67.11	4658.35	279.50		-6.47	340.14	
			1148	69.61	35	.26	.22		63.28	67.14	4656.57	279.39		-6.45	340.08	
		15-S	1152	69.67	34	.25	.21		63.33	67.19	~~4653.79~~ ~~4656.57~~	~~279.23~~ ~~279.42~~		-6.44	~~340.17~~	339.98
			1155	70.12	34	.25	.21		63.78	67.67	4644.68	278.68		-6.42	339.93	
			1200	71.04	32	.24	.20		64.69	68.64	4627.54	277.65		-6.40	339.89	
			1204	72.17	35	.26	.22		65.84	69.86	4606.50	276.39		-6.39	339.86	
			1207	73.48	31	.23	.19		67.12	71.21	4583.68	275.02		-6.37	339.86	
		20-S	1211	74.67	35	.26	.22		68.34	72.51	4562.32	273.74		-6.35	339.90	
SHAKEY-MAAS			1215	75.31	33	.24	.20		68.96	73.17	4551.95	273.12		-6.34	339.95	
" "			1221	75.53?	27	.20	.16		69.14	73.36	4548.30	272.90		-6.32	339.94	
		23-S	1225	75.59	32	.24	.20		69.24	73.46	4547.89	272.87		-6.30	340.03	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 15 1976 OPERATOR O'CONNOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-252 W		24-S	1230	517565	25	.18 .13	6.55	-.05	69.23	73.45	1548.55'	272.91		-6.29	340.07	
		25-S	1234	75.46	29	.21	.16		69.07	73.28	1550.84	273.05'		-6.27	340.06	
			1237	75.33	33	.24	.19		68.97	73.18	4551.69	273.10		-6.25	340.03	
			1243	75.87	29	.21	.16		69.48	73.72	1543.16	272.59		-6.24	340.07	
			1246	76.06	31	.23	.18		69.69	73.94	1539.05	272.34		-6.22	340.06	
			1250	76.05	29	.21	.16		69.66	73.91	1539.15'	272.35'		-6.20	340.06	
		30-S	1254	76.03	31	.23	.18		69.66	73.91	1538.52	272.31		-6.19	340.03	
			1258	76.14	37	.27	.22		69.81	74.07	1537.22	272.23		-6.17	340.13	
			1302	76.21	33	.24	.19		69.85	74.11	1535.73	272 14		-6.15'	340.10	
			1306	76.34	31	.23	.18	TIE = +.03	69.97	74.24	1534.04	272.04		-6.13	340.15'	
WILDY-SHAKEY-SWAMP		℄ 252-W 24-S 34-S TIE LINE	1311	76.33	30	.22	.17		69.95	74.22	4532.96	271.98		-6.12	340.08	
"	"	35-S	1316	76.47	26	.19	.14		70.06	74.33	1530.33	271.82		-6.10	340.05'	
			1320	76.43	30	.22	.17		70.05	74.32	1530.00	271.80		-6.08	340.04	
			1324	75.97	32	.24	.19		69.61	73.86	1535.95'	272.16		-6.07	339.95'	
			1328	74.69	35	.26	.21		68.35	72.52	4555.95'	273.36		-6.05	339.83	
			1333	74.00	32	.24	.18	-.06	67.63	71.76	1567.72	274.06		-6.03	339.79	
		40-S	1337	74.06	32	.24	.18		67.69	71.82	1567.03	274.02		-6.02	339.82	
			1342	73.96	35	.26	.20		67.61	71.73	1566.99	274.02		-6.00	339.75'	
			1345	73.77	31	.23	.17		67.39	71.50	1568.75'	274.13		-5.98	339.65'	
			1348	73.68	34	.25	.19		67.32	71.43	1568.66	274.12		-5.97	339.56	
			1351	73.60	31	.23	.17		67.22	71.32	1568.91	274.13		-5.95	339.50	
		45-S	1355	74.43	32	.24	.18		68.06	72.21	4554.20	273.25'		-5.93	339.53	
			1359	74.38	31	.23	.17		68.00	72.15	1553.41	273.20		-5.92	339.43	
			1403	75.18	31	.23	.17		68.80	73.00	4537.20	272.23		-5.90	339.33	
		48-S	1407	76.68	35	.26	.20		70.33	74.62	~~1511.28~~ 1510.13	~~270.68~~ 270.61		-5.88	~~339.42~~ 339.35	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 15 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 — 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-252 W		49-S	1412	5176.73	34	.25 .18	6.55	-.07	70.36	74.65	4507.82	270.47		-5.87	339.25	
		50-S	1416	7548	35	.26	.19		69.12	73.34	4526.72 ~~4553.44~~	~~273.39~~ ~~273.21~~ 271.60		-5.85	~~340.70~~	* 339.09
			1420	74.38	34	.25	.18		68.01	72.16	4543.73	272.62		-5.83	338.95	
			1424	7349	33	.24	.17		67.11	71.20	4556.44	273.39		-5.82	338.77	
			1427	7250	35	.26	.19		66.14	70.17	4570.92	274.26		-5.80	338.63	
			1432	71.68	33	.24	.17		65.30	69.28	4582.15	274.93		-5.78	338.43	
		55-S	1435	71.70	33	.24	.17		65.32	69.30	4580.98	274.86		-5.76	338.40	
			1438	72.13	38	.28	.21		65.79	69.80	4572.88	274.37		-5.75	338.42	
			1442	72.38	35	.26	.19		66.02	70.05	4568.19	274.09		-5.73	338.41	
			1447	72.48	35	.26	.19		66.12	70.15	4565.18	273.91		-5.71	338.35	
			1451	72.67	34	.25	.18		66.30	70.34	4561.00	273.66		-5.70	338.30	
		60-S	1455	72.85	31	.23	.16		66.46	70.51	4557.53	273.45		-5.68	338.28	
			1500	72.70	32	.24	.16	-.08	66.31	70.35	4558.25	273.50		-5.66	338.19	
			1504	72.69	31	.23	.15		66.29	70.33	4557.26	273.44		-5.65	338.12	
			1508	72.60	33	.24	.16		66.21	70.25	4556.77	273.41		-5.63	338.03	
		64-S	1512	72.45	31	.23	.15		66.05	70.08	4557.61	273.46		-5.61	337.93	
℄ 65-64-S 252-W			1516	72.54	29	.21	.13		66.12	70.15	4555.58	273.33		-5.60	337.88	
	CAMP SITE		1630	62.81	34	.25	.16	-.09	56.42	59.86						
								DRIFT	= +.09							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 17 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	CAMP SITE		900	5162.78	34	.25	6.61	.00	56.42	59.86						
L-260-W	25-N		947	61.09	36	.27	.26	-.01	54.74	58.08	4843.07	290.58		-7.20	341.46	
			952	61.62	31	.23	.22		55.23	58.60	4834.89	290.00		-7.18	341.51	
			956	61.96	33	.24	.23		55.58	58.97	4829.52	289.77		-7.17	341.57	
			1000	62.25	31	.23	.22		55.86	59.27	4823.55	289.41		-7.15	341.53	
			1004	62.79	36	.27	.26		56.44	59.88	4813.43	288.81		-7.13	341.56	
	20-N		1008	62.92	31	.23	.22		56.53	60.00	4809.66	288.58		-7.12	341.46	
			1012	63.48	32	.24	.23		57.10	60.58	4799.27	287.96		-7.10	341.44	
			1016	63.94	34	.25	.24		57.57	61.08	4791.92	287.52		-7.08	341.52	
			1020	64.09	33	.24	.23		57.71	61.23	4788.14	287.29		-7.07	341.45	
			1024	64.41	31	.23	.22		58.02	61.56	4782.23	286.93		-7.05	341.44	
	15-N		1027	64.70	32	.24	.23		58.32	61.88	4775.88	286.55		-7.03	341.40	
			1031	65.08	33	.24	.23		58.70	62.28	4769.06	286.14		-7.02	341.40	
			1034	65.57	32	.24	.23		59.19	62.80	4759.87	285.59		-7.00	341.39	
			1038	65.91	31	.23	+.21	-.02	59.51	63.14	4753.10	285.19		-6.98	341.35	
			1042	66.35	28	.21	.19		59.93	63.59	4744.69	284.68		-6.97	341.30	
	10-N		1045	66.80	28	.21	.19		60.38	64.06	4736.07	284.16		-6.95	341.27	
SHAKEY ±.05			1050	67.00	29	.21	.19		60.58	64.28	4729.73	283.78		-6.93	341.13	
			1053	67.48	32	.24	.22		61.09	64.82	4721.07	283.26		-6.91	341.17	
			1057	68.07	33	.24	.22		61.68	65.44	4709.91	282.59		-6.90	341.13	
			1101	68.34	32	.24	.22		61.95	65.73	4704.21	282.25		-6.88	341.10	
	5-N		1105	68.93	32	.24	.22		62.54	66.35	4694.37	281.66		-6.86	341.15	
			1108	69.17	30	.22	.20		62.76	66.59	4689.02	281.34		-6.85	341.08	
			1112	69.33	32	.24	.22		62.94	66.78	4685.04	281.10		-6.83	341.05	
	2-N		1115	69.52	32	.24	.22		63.13	66.98	4680.60	280.84		-6.81	341.01	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 17 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-260 W		1-N	1120	5169.87	30	.22 .20	6.61	-.62	63.46	67.33	4673.41	280.40		-6.80	340.93	
		0+00	1124	70.11	33	.24	.22		63.72	67.61	4667.17	280.03		-6.78	340.86	
		1-S	1127	70.36	33	.24	.22		63.97	67.87	4661.56	279.69		-6.76	340.80	
			1131	70.55	35	.26	.24		64.18	68.09	4656.80	279.41		-6.75	340.75	
			1134	70.83	35	.26	.24		64.46	68.39	~~4651.83~~ 4653.54	~~279.11~~ 279.21		-6.73	~~340.87~~	340.77
			1137	71.01	30	.22	.20		64.60	68.54	4647.00	278.82		-6.71	340.65	
		5-S	1140	71.18	36	.27	.24	-.03	64.81	68.76	4643.06	278.58		-6.70	340.64	
			1144	71.37	30	.22	.19		64.95	68.91	4639.80	278.39		-6.68	340.62	
			1149	71.65	26	.19	.16		65.20	69.18	4635.05	278.10		-6.66	340.62	
			1156	71.84	34	.25	.22		65.45	69.44	4630.92	277.86		-6.65	340.65	
℄ 260-W 105-9S			1200	71.99	29	.21	.18		65.56	69.56	4628.89	277.73		-6.63	340.66	
SHARKEY		10-S	1204	72.09	36	.27	.24		65.72	69.73	4625.44	277.53		-6.61	340.65	
			1207	72.25	31	.23	.20		65.84	69.86	4622.41	277.34		-6.59	340.61	
			1210	72.45	34	.25	.22		66.06	70.09	4618.56	277.11		-6.58	340.62	
			1213	72.48	33	.24	.21		66.08	70.11	4616.25	276.98		-6.56	340.53	
			1219	72.47	34	.25	.22		66.08	70.11	4615.62	276.94		-6.54	340.51	
		15-S	1223	72.58	32	.24	.21		66.18	70.22	4613.11	276.79		-6.53	340.48	
			1227	72.69	34	.25	.22		66.30	70.34	4610.16	276.61		-6.51	340.44	
			1230	73.08	31	.23	.20		66.67	70.74	4604.44	276.27		-6.49	340.52	
			1234	73.69	30	.22	.19		67.27	71.37	4593.99	275.64		-6.48	340.53	
			1237	74.33	31	.23	.20		67.92	72.06	4583.73	275.02		-6.46	340.62	
		20-S	1240	74.67	35	.26	.23		68.29	72.46	4578.13	274.69		-6.44	340.71	
			1244	74.72	37	.27	.23	-.04	68.34	72.51	4577.21	274.63		-6.43	340.71	
*			1248	74.48	32	.24	.20		68.07	72.22	4580.75	274.85		-6.41	340.66	
		23-S	1253	74.25	36	.27	.23		67.87	72.01	4583.77	275.03		-6.39	340.65	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 17 '76 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-260 W		24-S	1256	5174.16	35	.26 .22	6.61	-.04	67.77	71.90	4584.34	275.06		-6.38	340.58	
		25-S	1300	74.95	38	.28	.24		68.58	72.76	4571.84	274.31		-6.36	340.71	
			1303	75.85	35	.26	.22		69.46	73.70	4557.37	273.44		-6.34	340.80	
			1307	75.10	33	.24	.20		6869	72.88	4570.40	274.22		-6.33	340.77	
			1310	74.12	32	.24	.20		67.71	71.84	4585.68	275.14		-6.31	340.67	
			1313	73.76	30	.22	.18		67.33	71.44	4587.07	~~275.81~~		-6.29	~~340.37~~	*
		30-S	1316	73.66	37	.27	.23		67.28	71.38	~~4592.33~~ 4587.63	~~275.74~~ 275.26		-6.28	~~340.36~~	+340.64
			1320	73.59	33	.24	.20		67.18	71.28	4593.04	275.58		-6.26	340.60	
			1323	73.61	34	.25	.21		67.21	71.31	~~4591.88~~ ~~4596.05~~	~~275.56~~ ~~275.76~~		-6.24	~~340.83~~	X340.58.
			1326	73.72	36	.27	.23		67.34	71.45	4589.18	275.35		-6.22	340.58	
			1329	73.81	36	.27	.23		67.43	71.54	4586.16	275.17		-6.21	340.50	
℄ 24-35S ℄ 260 W		34+85's	1332	7385	35	.26	.22	TIE = +.03	67.46	71.58	4583.68	275.02		-6.19	340.41	
		35-S	1337	7389	36	.27	.23		67.51	71.63	4582.70	274.96		-6.19	340.40	
			1341	74.21	34	.25	.21		67.81	71.95	4575.07	274.50		-6.17	340.28	
			1344	75.52	34	.25	.21		69.12	7334	4554.29	273.26		-6.16	340.44	
			1348	76.94	39	.29	.24	-.05	70.57	74.87	4530.04	271.80		-6.14	340.53	
TOO STEEP				—							4521.87			-6.12		
TOO MUCH WIND		40-S		—							4511.28			-6.11		
			1359	79.50	28	.21	.16		73.05	77.51	4482.29	268.94		-6.09	340.36	
			1403	79.14	30	.22	.17		73.00	77.45	4482.14	268.93		-6.07	340.31	
			1408	79.30	33	.24	.19		72.88	77.33	4482.90	268.97		-6.06	340.24	
			1412	79.14	30	.22	.17		72.70	77.13	4483.65	269.02		-6.04	340.11	
		45-S	1415	78.86	35	.26	.21		72.46	76.88	4485.23	269.11		-6.02	339.97	
			1419	7847	34	.25	.20		72.06	76.46	4488.97	269.34		-6.01	339.79	
		47-S	1423	77.53	33	.24	.19		71.11	75.45	4502.08	270.12		-5.99	339.58	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT 17 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-260 W		48-S	1429	5177.42	33	.24	6.61	-.05	71.00	75.33	4503.99	270.24		-5.97	339.60	
			1433	77.54	30	.22	.17		71.10	75.44	4501.96	270.12		-5.96	339.60	
		50-S	1437	77.20	31	.23	.18		70.77	75.09	4506.74	270.40		-5.94	339.55	
			1441	76.60	42	.31	.26		70.25	74.54	4515.30	270.92		-5.92	339.54	
			1446	75.66	31	.23	.18		69.23	73.45	4531.07	271.86		-5.91	339.40	
			1450	74.44	36	.27	.22		68.05	72.20	4549.64	272.98		-5.89	339.29	
			1453	73.56	35	.26	.20	-.06	67.15	71.25	4563.00	273.78		-5.87	339.16	
		55-S	1458	72.45	37	.27	.21		66.05	70.08	4577.98	274.68		-5.85	338.91	*
			1502	73.02	29	.21	.15		66.56	70.62	4571.15	274.27		-5.84	339.05	
			1506	72.81	35	.26	.20		66.40	70.45	4573.75	274.43		-5.82	339.06	
			1508	72.72	36	.27	.21		66.32	70.37	4574.51	274.47		-5.80	339.04	
			1511	72.83	33	.24	.18		66.40	70.45	4571.89	274.31		-5.79	338.97	
		60-S	1515	73.00	33	.24	.18		66.57	70.63	4568.56	274.11		-5.77	338.97	
			1518	73.11	35	.26	.20		66.70	70.77	4564.92	273.90		-5.75	338.92	
			1522	73.52	33	.24	.18		67.09	71.18	4557.49	273.45		-5.74	338.89	
		63-S	1525	73.75	33	.24	.18		67.32	71.43	4552.87	273.17		-5.72	338.88	
TOO CLOSE TO LAKE.				—												
	CAMP SITE		1630	62.85	34	.25	.18	-.07	56.42	59.86						
								DRIFT = +.07								

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 18 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 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	
	CAMP SITE		830	5162.81	34	.25 .25	6.64	.00	56.42	59.86						
L-268 W	#41	25-N	920	66.92	36	.27	.26	-.01	60.57	64.26	4750.97	285.06		-7.29	342.03	
			928	67.21	35	.26	.25		60.82	64.53	4744.65	284.68		-7.27	341.94	
			932	67.78	29	.21	.20		61.34	65.08	4735.19	284.11		-7.26	341.93	
			936	68.40	32	.24	.23		61.99	65.77	4722.36	283.34		-7.24	341.87	
			940	68.87	37	.27	.26		62.49	66.30	4711.50	282.69		-7.22	341.77	
		20-N	944	69.23	35	.26	.25		62.84	66.67	4704.99	282.30		-7.20	341.76	
SHAKEY			949	69.16	34	.25	.24		63.06	66.91	4700.61	282.04		-7.19	341.76	
			953	69.78	35	.26	.24	-.02	63.38	67.25	4694.63	281.68		-7.17	341.76	
			958	69.96	37	.27	.25		63.57	67.45	4690.02	281.40		-7.16	341.69	
			1002	70.25	42	.31	.29		63.90	67.80	4683.42	281.01		-7.14	341.67	
		15-N	1006	70.56	35	.26	.24		64.16	68.07	4678.02	280.68		-7.12	341.63	
			1009	70.83	35	.26	.24		64.43	68.36	4672.39	280.34		-7.11	341.59	
			1013	71.08	34	.25	.23		64.67	68.61	4666.77	280.01		-7.09	341.53	
			1017	71.41	37	.27	.25		65.02	68.99	4660.44	279.63		-7.07	341.55	
			1022	71.72	37	.27	.25		65.33	69.32	4654.49	279.27		-7.06	341.53	
		10-N	1026	72.09	37	.27	.25		65.70	69.71	4647.40	278.84		-7.04	341.51	
			1030	72.40	34	.25	.23		65.99	70.02	4641.55	278.49		-7.02	341.49	
			1034	72.72	37	.27	.25		66.33	70.38	4634.85	278.09		-7.00	341.47	
			1038	73.02	37	.27	.25		66.63	70.69	4628.07	277.68		-6.99	341.38	
			1041	73.32	37	.27	.25		66.93	71.01	4621.70	277.30		-6.97	341.34	
		5-N	1045	73.62	34	.25	.22	-.03	67.20	71.30	4615.47	276.93		-6.95	341.28	
			1048	73.89	35	.26	.23		67.48	71.60	4609.64	276.58		-6.94	341.24	
			1052	74.09	36	.27	.24		67.69	71.82	~~4607.97~~ 4605.03	~~276.48~~ 276.30		-6.92	~~341.38~~ 341.20	
		2-N	1056	74.22	33	.24	.21		67.79	71.93	4602.25	276.14		-6.90	341.17	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SNAK DATE SEPT. 18 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-268 W		1-N	1100	5174.2	36	.27	6.64	-.03	67.89	72.03	4599.83	275.99		-6.89	341.13	
		0+00	1105	74.45	30	.22	.19		68.00	72.15	4596.45	275.79		-6.87	341.07	
		1-S	1108	74.63	34	.25	.22		68.21	72.37	4592.51	275.55		-6.85	341.07	
			1111	74.63	33	.24	.21		68.20	72.36	4591.53	275.49		-6.84	341.01	
—			1114	74.65	33	.24	.21		68.22	72.38	4590.14	275.41		-6.82	340.97	
			1118	74.73	33	.24	.21		68.30	72.47	4587.32	275.24		-6.80	340.91	
↑		5-S	1121	74.86	34	.25	.22		68.44	72.61	4584.64	275.08		-6.79	340.90	
WINDY-SNAKEY-BOG			1127	74.83	26	.19	.16		68.35	72.52	4584.67	275.08		-6.77	340.83	
↓			1131	74.87	33	.24	.21		68.44	72.61	4583.67	275.02		-6.75	340.88	
—			1135	74.87	34	.25	.22		68.45	72.63	4582.42	274.95		-6.74	340.84	
			1138	75.20	32	.24	.20	-.04	68.76	72.95	4576.96	274.62		-6.72	340.85	
		10-S	1142	75.37	35	.26	.22		68.95	73.16	4574.52	274.47		-6.70	340.93	
			1145	75.35	35	.26	.22		68.93	73.13	4574.82	274.49		-6.68	340.94	*
			1148	75.14	36	.27	.23		68.73	72.92	4577.58	274.65		-6.67	340.90	
			1152	75.10	36	.27	.23		68.69	72.88	4578.60	274.72		-6.65	340.95	
			1156	75.27	33	.24	.20		68.83	73.03	4576.93	274.62		-6.63	341.02	
		15-S	1200	75.19	35	.26	.22		68.77	72.96	4578.59	274.72		-6.62	341.06	
			1203	74.87	38	.28	.24		68.47	72.65	4583.08	274.98		-6.60	341.03	
			1206	74.67	35	.26	.22		68.25	72.41	4585.91	275.15		-6.58	340.98	
			1209	74.53	34	.25	.21		68.10	72.25	4585.80	275.15		-6.57	340.83	
			1212	75.49	36	.27	.23		69.08	73.29	4568.89	274.13		-6.55	340.87	
		20-S	1215	76.42	34	.25	.21		69.99	74.26	4551.81	273.11		-6.53	340.84	
			1219	78.09	35	.26	.22		71.67	76.04	4520.66	271.24		-6.52	340.76	*
			1222	79.22	33	.24	.20		72.78	77.22	4503.49	270.21		-6.50	340.93	
		23-S	1226	80.05	37	.27	.23		73.64	78.13	4483.31	269.00		-6.48	340.65	*

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE 1976 SEPT. 18 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.0615 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-268 W		24-S	1238	518001	35	.26 -21	6.64	-.05	73.58	78.07	4486.81	269.21		-6.47	340.81	
		25-S	1242	78.57	36	.27	.22		72.15	76.55	4512.53	270.75		-6.45	340.85	
			1248	77.36	33	.24	.19		70.91	75.25	4533.45	271.41		-6.43	340.23	340.77
			1252	76.44	33	.24	.19		69.99	74.26	4546.39	272.78		-6.42	340.62	
			1254	76.72	32	.24	.19		70.27	74.56	4540.58	272.43		-6.40	340.59	
			1258	77.73	33	.24	.19		71.28	75.63	4522.09	271.33		-6.38	340.58	
		30-S	1301	78.52	31	.23	.18		72.06	76.46	4507.66	270.46		-6.37	340.55	
			1304	79.72	38	.28	.23		73.31	77.78	4483.98	269.04		-6.35	340.47	
			1308	80.85	34	.25	.20		74.41	78.95	4461.78	267.71		-6.33	340.33	
			1312	81.90	32	.24	.19		75.45	80.05	4439.33	266.36		-6.31	340.10	
℄ 268-W ℄ 34-35S TIE LINE			1318	82.24	31	.23	.18		75.78	80.40	4434.47	266.07		-6.30	340.17	
		35-S	1322	81.84	34	.25	.19	-.06	75.39	79.99	4440.64	266.44		-6.28	340.15	
			1326	80.18	36	.27	.21		73.75	78.25	4472.29	268.34		-6.26	340.33	
			1330	78.61	33	.24	.18		72.15	76.55	4500.60	270.04		-6.25	340.34	
			1333	77.05	32	.24	.18		70.59	74.90	4527.29	271.64		-6.23	340.31	
			1337	75.45	34	.25	.19		69.00	73.21	4553.57	273.21		-6.21	340.20	
		40-S	1340	74.38	34	.25	.19		67.93	72.07	4570.76	274.25		-6.20	340.12	
SHAKEY - WIND			1345	73.51	33	.24	.18		67.05	71.14	4584.36	275.06		-6.18	340.02	
" "			1348	73.06	34	.25	.19		66.61	70.67	4591.44	275.49		-6.16	340.00	
			1352	72.59	37	.27	.21		66.16	70.20	4598.72	275.92		-6.15	339.97	
			1356	72.38	37	.27	.21		65.95	69.97	4601.92	276.12		-6.13	339.96	
		45-S	1359	72.58	38	.28	.22		66.16	70.20	4599.27	275.96		-6.11	340.05	
			1403	72.71	38	.28	.22		66.29	70.33	4596.22	275.77		-6.10	340.00	
			1407	72.92	38	.28	.22		66.50	70.56	4592.58	275.55		-6.08	340.03	
		48-S	1410	73.20	38	.28	.22		66.78	70.85	4587.70	275.26		-6.06	340.05	

℄ ARY = 80.40
℄ 268 TIE = .00
34-S

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 18 1976 OPERATOR OCONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 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-268 W		49-S	1415	5173.01	36	.27 .20	6.64	-.07	66.57	70.63	4590.48	275.43		-6.05	340.01	
		50-S	1418	72.95	34	.25	.18		66.49	70.55	4590.53	275.43		-6.03	339.95	
			1422	72.76	33	.24	.17		66.29	70.33	4591.71	275.50		-6.01	339.82	
			1425	73.15	37	.27	.20		66.74	70.78	4585.33	275.12		-6.00	339.90	
			1429	72.79	34	.25	.18		66.33	70.38	4589.77	275.39		-5.98	339.79	
			1433	72.05	37	.27	.20		65.61	69.61	4599.08	275.94		-5.96	339.59	
		55-S	1436	72.63	34	.24	.17		66.16	70.20	4589.91	275.39		-5.94	339.65	
			1439	72.78	35	.26	.19		66.33	70.38	4585.40	275.12		-5.93	339.56	
			1443	72.84	34	.25	.18		~~66.38~~ 66.58	~~70.43~~ 70.58	4584.10	275.05		-5.91	~~339.57~~ ~~339.72~~	*
			1447	72.98	34	.25	.18		66.52	70.58	4581.65	274.90		-5.89	339.59	
			1451	72.88	37	.27	.20		66.44	70.49	4581.82	274.91		-5.88	339.52	
		60-S	1455	72.41	30	.22	.15		65.92	69.94	4585.66	275.14		-5.86	339.22	* checked
			1459	72.67	35	.26	.19		66.22	70.26	4581.52	274.89		-5.84	339.31	
			1503	72.79	30	.22	.15		66.30	70.34	4578.90	274.73		-5.83	339.24	
			1567	73.09	33	.24	.17		66.62	70.68	4573.39	274.40		-5.81	339.27	
℄ 268 W 64-65-S TIE LINE	#47	64-S	1513	73.64	37	.27	.19	-.08	67.19	71.29	4564.40	273.86		-5.79	339.36	
	CAMP SITE		1630	62.90	34	.25	.16	-.09	56.42	59.86						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 19 1976 OPERATOR OCONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	CAMP SITE		845	5162.83	34	.25	6.66	.00	56.42	59.86						
~~L-276W~~		25-N		TOO WINDY BY FAR												
L-340..W		15-N	1210	5211.24	36	.27	.22	-.05	104.80	111.19	3978.13	238.69		-7.94	341.94	
		14-N	1215	11.33	34	.25	.20		104.87	111.27	3974.82	238.49		-7.93	341.83	
		13-N	1222	10.40	34	.25	.20		103.94	110.28	3993.57	239.61		-7.91	341.98	
			1229	08.07	31	.23	.18		101.59	107.79	4033.09	241.98		-7.89	341.88	
			1233	06.62	37	.27	.22		100.18	106.29	4057.17	243.43		-7.88	341.84	
		10-N	1238	06.95	37	.27	.22		100.51	106.64	4052.30	243.14		-7.86	341.92	
			1242	08.08	34	.25	.20		101.62	107.82	4034.07	242.04		-7.84	342.02	
			1246	09.17	35	.26	.21		102.72	108.99	4012.01	240.72		-7.82	341.83	
			1250	09.27	38	.28	.23		102.84	109.11	4006.25	240.38		-7.81	341.68	
			1256	09.14	36	.27	.21	-.06	102.69	108.95	4005.06	240.30		-7.79	341.46	
DERY SNAKEY-MOSS		5-N	1302	09.06	33	.24	.18		102.58	108.84	4007.21	240.43		-7.77	341.50	
			1307	07.31	36	.27	.21		100.86	107.01	4038.24	242.29		-7.76	341.54	
			1312	05.74	38	.28	.22		99.30	105.36	4069.74	244.18		-7.74	341.80	
" " - "			1316	04.13	36	.27	.21		97.68	103.64	4101.72	246.10		-7.72	342.02	
			1322	5202.44	36	.27	.21		95.99	101.85	4134.43	248.07		-7.71	342.21	
		0+00	1328	5200.33	36	.27	.21		93.88	99.61	4174.87	250.49		-7.69	342.41	
		1-S	1334	5198.37	31	.23	.17		91.88	97.48	4212.12	252.73		-7.67	342.54	
			1340	96.98	34	.25	.18	-.07	90.50	96.02	4239.10	254.35		-7.66	342.71	
AM ENCOUNTERING ROOT MOVEMENT ↓			1347	95.45	41	.30	.23		89.02	94.45	4267.84	256.07		-7.64	342.88	
			1352	94.34	26	.19	.12		87.80	93.16	4288.77	257.33		-7.62	342.87	
		5-S	1358	93.49	38	.28	.21		87.04	92.35	4303.71	258.22		-7.61	342.96	
			1402	92.78	36	.27	.20		86.32	91.59	4317.47	259.05		-7.59	343.05	
	#	7-S	1407	92.10	37	.27	.20		85.64	90.86	4329.66	259.78		-7.57	343.07	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE 1976 SEPT. 19 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base #	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-340 W		8-S	1417	5791.57	37	.27 .20	6.66	-.07	85.11	90.30	4338.74	260.32		-7.56	343.06	
			1422	90.87	36	.27	.19	-.08	84.40	89.55	4350.71	261.04		-7.54	343.05	
		10-S	1427	90.09	40	.30	.22		83.65	88.75	4365.32	261.92		-7.52	343.15	
			1432	89.37	38	.28	.20		82.91	87.97	4378.83	262.73		-7.50	343.20	
			1437	88.74	39	.29	.21		82.29	87.31	4389.85	263.39		-7.49	343.21	
			1441	8840	36	.27	.19		81.93	86.93	4396.28	263.78		-7.47	343.24	
			1445	88.06	36	.27	.19		81.59	86.57	4401.05	264.06		-7.46	343.18	
		15-S	1449	87.80	38	.28	.21		81.35	86.31	4404.88	264.29		-7.44	343.16	
			1453	87.54	37	.27	.19		81.07	86.02	4408.61	264.52		-7.42	343.12	
			1458	87.33	30	.22	.14		80.81	85.74	4412.19	264.73		-7.40	343.07	
			1502	87.01	35	.26	.18		80.53	85.44	4415.53	264.93		-7.39	342.98	
			1507	86.97	34	.25	.16	-.09	80.47	85.38	4415.19	264.91		-7.37	342.92	
		20-S	1511	86.87	37	.27	.18		80.39	85.29	4415.22	264.91		-7.35	342.85	
			1515	87.11	35	.26	.17		80.62	85.54	4410.02	264.60		-7.34	342.80	
			1531	87.29	32	.24	.15		80.78	85.71	4405.32	264.32		-7.32	342.71	
BIG TREES-ROOTS-WIND & SHAKEY			1538	87.39	33	.24	.15		80.88	85.81	4400.73	264.04		-7.30	342.55	
			1542	87.61	39	.29	.20		81.15	86.10	4394.43	263.67		-7.29	342.48	
" " "		25-S	1547	87.86	36	.27	.18		81.38	86.34	4387.55	263.25		-7.27	342.32	
			1550	88.35	34	.25	.16		81.85	86.84	4377.36	262.64		-7.25	342.23	
			1554	88.66	35	.26	.16	-.10	82.16	87.17	4368.69	262.12		-7.24	342.05	
			1558	88.70	39	.29	.19		82.23	87.25	4363.39	261.80		-7.22	341.83	
SHAKEY			1602	89.29	36	.27	.17		82.80	87.85	4350.35	261.02		-7.20	341.67	
		30-S	1606	89.78	42	.31	.21		83.33	88.41	4338.27	260.30		-7.19	341.52	
			1609	90.19	38	.28	.18		83.71	88.82	4327.14	259.63		-7.17	341.28	
		32-S	1613	90.88	35	.26	.16		84.38	89.53	4312.23	258.73		-7.15	341.11	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 19 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-340 W		33-~~A~~S	1617	59141	29	.21 .11	6.66	-.10	84.86	90.04	4297.62	257.86		-7.13	340.77	
WINDY-SHAKEY		34-~~A~~S	1622	91.82	37	.27	.17		85.33	90.54	4281.70	256.90		-7.12	340.32	
	CAMP SITE		1820	62.96	34	.25	.12	-.13	56.42	59.86						
									DRIFT = +.13							

MYE - SARK
G.KAU.

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

1976

JOB No. MYE-SARK DATE SEPT. 20 OPERATOR O'CONNOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity ↓	Elev.	ρ = 2.7 Elev. Corr. .0600 ↓	Latitude	Latitude Corr. ↓	ρ = Bouguer Gravity
	CAMP SITE		850	5162.92	34	.25	6.75	.00	56.42	59.86					
L-268	#41		935	67.06	34	.25	.24		60.55	64.24					
L-276-W		25-N	945	71.68	38	.28	.27	-.01	65.20	69.18	4675.07	280.50		-7.38	342.30
			950	72.41	30	.22	.21		65.87	69.89	4663.59	279.82		-7.36	342.35
			955	72.76	31	.23	.22		66.23	70.27	4654.90	279.29		-7.35	342.21
			958	73.05	32	.24	.23		66.53	70.59	4647.08	278.82		-7.33	342.08
SHAKEY			1002	73.46	31	.23	.22		66.93	71.01	4638.07	278.28		-7.31	341.98
		20-N	1006	73.89	33	.24	.23		67.37	71.48	462985	277.79		-7.30	341.97
			1009	74.29	36	.27	.26		67.80	71.94	462179	277.31		-7.28	341.97
			1012	74.72	32	.24	.23		68.20	72.36	4614.16	276.85		-7.26	341.95
			1019	75.05	~~34~~ 32	.24	.23		68.53	72.71	4607.06	276.42		-7.25	341.88
			1023	75.32	31	.23	.22		68.79	72.99	4601.59	276.10		-7.23	341.86
		15-N	1626	75.63	34	.25	.24		69.12	73.34	4595.01	275.70		-7.21	341.83
			1030	75.82	31	.23	.22		69.29	73.52	4590.88	275.45		-7.20	341.77
			1033	76.13	33	.24	.23		69.61	73.86	4584.73	275.08		-7.18	341.76
			1037	76.55	36	.27	.26		70.06	7433	4577.22	274.63		-7.16	341.80
			1041	76.86	36	.27	.25	-.02	70.36	74.65	4571.25	274.28		-7.15	341.78
		10-N	1614	77.37	35	.26	.24		70.86	75.18	4562.03	273.72		-7.13	341.77
			1049	77.53	32	.24	.22		71.00	7533	4558.77	273.53		-7.11	341.75
			1053	77.63	31	.23	.21		71.09	75.43	4556.62	273.40		-7.09	341.74
			1057	7753	32	.24	.22		71.00	75.33	4557.21	273.43		-7.08	341.68
			1101	77.54	30	.22	.20		70.99	75.32	4556.34	273.38		-7.06	341.64
		5-N	1105	77.12	33	.24	.22		70.59	74.90	4560.63	273.64		-7.04	341.50
			1109	77.32	34	.25	.23		70.80	75.12	4557.72	273.46		-7.03	341.55
			1113	77.41	30	.22	.20		70.86	75.18	4555.44	273.33		-7.01	341.50
		2-N	1117	77.33	33	.24	.22		70.80	75.12	4554.23	273.25		-6.99	341.38

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 20 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

WENT FROM 2 N TO 0+00 IN 100'

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-276 W MARKED	0+00→	1-N	1123	5178.50	33	.24 .22	6.75	-.02	71.97	76.36	4534.11	272.05		-6.98	341.43	
MARKED 1-S		0+00	1126	79.32	32	.24	.22		72.79	77.23	4519.43	271.17		-6.96	341.44	
2-S		1-S	1131	80.00	34? .33 .35	.25	.23		73.48	77.96	4506.81	270.41		-6.94	341.43	
ETC. ↓			1142	80.52	35	.26	.24		74.01	78.52	4496.83	269.81		-6.93	341.40	
			1146	80.91	31	.23	.21		74.37	78.91	4488.20	269.29		-6.91	341.29	
			1150	80.97	33	.24	.22		74.44	78.98	4484.82	269.09		-6.89	341.18	
		5-S	1153	81.00	34	.25	.23		74.48	79.02	4482.23	268.93		-6.88	341.07	
			1157	81.72	32	.24	.21	-.03	75.18	79.77	4470.46	268.23		-6.86	341.14	
			1201	82.26	30	.22	.19		75.70	80.32	4459.72	267.58		-6.84	341.06	
			1205	82.69	31	.23	.20		76.14	80.78	4451.35	267.08		-6.83	341.03	
			1209	82.95	31	.23	.20		76.40	81.06	4446.55	266.79		-6.81	341.04	
		10-S	1215	83.08	28	.21	.18		76.51	81.18	4442.66	266.56		-6.79	340.95	
			1220	82.65	29	.21	.18		76.08	80.72	4447.46	266.85		-6.77	340.80	checked
			1224	83.72	35	.26	.23		77.20	81.91	4431.40	265.88		-6.76	341.03	checked
			1228	83.83	38	.28	.25		77.33	82.05	4427.64	265.66		-6.74	340.97	
			1233	83.83	32	.24	.21		77.29	82.00	4426.01	265.56		-6.72	340.84	
		15-S	1237	84.49	30	.22	.19		77.93	82.68	4412.68	264.76		-6.71	340.73	
			1241	84.68	31	.23	.20		78.13	82.90	4407.57	264.45		-6.69	340.66	
			1245	84.80	30	.22	.19		78.24	83.01	4404.15	264.25		-6.67	340.59	
			1248	84.54	29	.21	.18		77.97	82.73	4410.08	264.60		-6.66	340.67	
			1252	84.03	36	.27	.24		77.52	82.25	4419.78	265.19		-6.64	340.80	
		20-S	1256	83.65	31	.23	.20		77.10	81.80	4427.68	265.66		-6.62	340.84	
SARKEY			1300	83.51	30	.22	.19		76.95	81.64	4429.72	265.78		-6.61	340.81	
			1305	83.38	30	.22	.19		76.82	81.51	4431.81	265.91		-6.59	340.83	
		23-S	1308	83.33	31	.23	.20		76.78	81.46	4431.70	265.90		-6.57	340.79	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE 1976 SEPT. 20 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-276 W	SURVEYORS = #25-S	24-S	1314	5183.54	37	.27 .23	6.75	-.04	77.02	81.72	4426.40	265.58		-6.56	340.74	
		25-S												-6.54		
LAKE {		26-S												-6.52		
SURVEYORS 28-S = MY	27-S	27-S	1328	83.31	34	.25	.21		76.77	81.45	4425.44	265.53		-6.51	340.47	
ETC. ↓			1334	82.89	35	.26	.22		76.36	81.02	4431.73	265.90		-6.49	340.43	
			1338	82.17	34	.25	.21		75.63	80.24	4444.50	266.67		-6.47	340.44	
		30-S	1342	81.45	31	.23	.19		74.89	79.46	4458.02	267.48		-6.46	340.48	
			1348	79.86	30	.22	.18		73.29	77.76	4486.86	269.21		-6.44	340.53	
SHAKEY			1352	78.66	35	.26	.22		72.13	76.53	4508.50	270.51		-6.42	340.62	
			1358	77.27	29	.21	.17		70.69	75.00	4534.20	272.05		-6.40	340.65	
℄ L-276W (34) 35-S TIE LINE			1402	76.17	32	.24	.20		69.62	73.87	4553.50	273.21		-6.39	340.69	
2 # 31-S		35-S	1407	74.81	33	.24	.20		68.26	72.42	4576.72	274.60		-6.37	340.65	
			1417	72.70	28	.21	.17		66.12	70.15	4613.15	276.79		-6.35	340.59	
			1422	72.29	34	.25	.21		65.75	69.76	4621.85	277.31		-6.34	340.73	
			1425	72.23	32	.24	.19	-.05	65.67	69.68	4624.37	277.46		-6.32	340.82	
SHAKEY			1429	72.07	32	.24	.19		65.51	69.51	4627.63	277.66		-6.30	340.87	
I DONT KNOW WHAT HAPPENED, BUT THE AND I ARE NOW IN ACCORDANCE.	THE HELL SURVEYORS	40-S	1433	71.67	29	.24	.19		65.11	69.08	4634.62	278.08		-6.29	340.87	
			1438	71.28	37	.27	.22		64.75	68.70	4640.59	278.44		-6.27	340.87	
			1441	71.14	37	.27	.22		64.61	68.55	4642.55	278.55		-6.25	340.85	
			1444	71.27	35	.26	.21		64.73	68.68	4640.09	278.41		-6.24	340.85	
			1448	71.42	36	.27	.22		64.89	68.85	4636.93	278.22		-6.22	340.85	
		45-S	1452	71.41	37	.27	.22		64.88	68.83	4636.28	278.18		-6.20	340.81	
			1455	71.07	33	.24	.19		64.51	68.45	4640.59	278.44		-6.19	340.70	
			1458	71.00	34	.25	.20		64.45	68.38	4640.71	278.44		-6.17	340.65	
		48-S	1502	71.00	35	.26	.21		64.46	68.39	4639.90	278.39		-6.15	340.63	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE 1976 SEPT. 20 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity
L-276 W		49-S	1506	5171.06	34	.25 .20	6.75	-.05	64.51	68.45	4638.00	278.28		-6.14	340.59
SHAKEY		50-S	1509	70.96	33	.24	.19		64.40	68.33	4638.07	278.28		-6.12	340.49
			1513	70.81	37	.27	.22		64.28	68.20	4638.76	278.33		-6.10	340.43
			1517	70.82	33	.24	.19		64.26	68.18	4637.49	278.25		-6.09	340.34
			1521	70.92	30	.22	.17		64.34	68.26	4634.96	278.10		-6.07	340.29
			1524	71.02	31	.23	.18		64.45	68.38	4632.81	277.97		-6.05	340.30
		55-S	1527	71.06	33	.24	.19		64.50	68.43	4631.73	277.90		-6.03	340.30
SHAKEY.			1531	71.11	36	.27	.22		64.58	68.52	4630.31	277.82		-6.02	340.32
			1539	71.20	33	.24	.18	-.06	64.63	68.57	4628.25	277.70		-6.00	340.27
			1543	71.24	34	.25	.19		64.68	68.63	4626.52	277.59		-5.98	340.24
			1545	71.33	34	.25	.19		64.77	68.72	4624.15	277.47		-5.97	340.22
		60-S	1548	71.49	35	.26	.20		64.94	68.90	4620.85	277.25		-5.95	340.20
			1552	71.74	36	.27	.21		65.20	69.18	4615.55	276.93		-5.93	340.18
			1555	71.85	31	.23	.17		65.27	69.25	4612.84	276.77		-5.92	340.10
SHAKEY			1559	72.07	31	.23	.17		65.49	69.48	4608.38	276.50		-5.90	340.08
		64-S	1603	72.34	35	.26	.20		65.79	69.80	4601.11	276.07		-5.88	339.99
℄ 64-65 TIE LINE 276-W		64+30'	1611	7242	35	.26	.20		65.87	69.89	4599.73	275.98		-5.88	339.99
	#47		1623	73.77	32	.24	.18		67.20	71.30	TIE = -.92				
	CAMP SITE		1730	62.99	34	.25	.18	-.07	56.42	59.86					
				DRIFT =	+.07										

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

1976

JOB No. MYE-SARK DATE SEPT. 21 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.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	CAMP SITE		830	516296	34	.25	6.79	.00	56.42	59.86						
L-284 W	#42	25-N	905	76.15	33	.24			69.60	73.85	4598.57	275.91		-7.47	342.29	
			909	76.47	33	.24			69.92	74.19	4591.20	275.47		-7.45	342.21	
			912	76.95	34	.25			70.41	74.71	4582.04	274.92		-7.44	342.19	
			915	77.59	33	.24			71.04	75.37	4570.03	274.20		-7.42	342.15	
			919	78.18	32	.24			71.63	76.00	4559.14	273.55		-7.40	342.15	
		20-N	922	78.85	37	.27			72.33	76.74	4546.87	272.81		-7.39	342.16	
			925	79.40	34	.25			72.86	77.30	4536.96	272.22		-7.37	342.15	
			928	79.67	33	.24			73.12	77.58	4531.42	271.89		-7.35	342.12	
			931	79.93	32	.24			73.38	77.86	4526.18	271.57		-7.34	342.09	
			934	80.13	34	.25			73.59	78.08	4522.55	271.35		-7.32	342.11	
		15-N	938	80.20	35	.26			73.67	78.16	4520.50	271.23		-7.30	342.09	
			943	80.34	32	.24			73.79	78.29	4517.42	271.05		-7.29	342.05	
			947	80.43	31	.23			73.87	78.38	4515.04	270.90		-7.27	342.01	
		"	950	80.43	35	.26			73.90	78.41	4513.95	270.84		-7.25	342.00	
VERY SHAKEY ± .05			955	80.42	28	.21			73.84	78.34	4513.88	270.83		-7.24	341.93	
		10-N	958	80.32	30	.22			73.75	78.25	4514.74	270.88		-7.22	341.91	
			1002	80.42	35	.26			73.89	78.40	4511.56	270.69		-7.20	341.89	
			1005	80.55	34	.25			74.01	78.52	4508.13	270.49		-7.18	341.83	
SHAKEY			1008	80.65	35	.26			74.12	78.64	4505.33	270.32		-7.17	341.79	
			1011	80.65	35	.26			74.12	78.64	4504.48	270.27		-7.15	341.76	
		5-N	1015	80.52	35	.26			73.99	78.50	4504.41	270.26		-7.13	341.63	
			1019	81.08	36	.27			74.56	79.11	4492.76	269.57		-7.12	341.56	
			1023	82.20	38	.28			75.69	80.31	4472.06	268.32		-7.10	341.53	
		2-N	1026	83.62	34	.25			77.08	81.78	4446.09	266.77		-7.08	341.47	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 21 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-284-W		1-N	1032	518484	34	.25	6.79	.00	78.30	83.08	4423.57	265.41		-7.07	341.42	
		0+00	1036	85.63	42	.31			79.15	83.98	4407.73	264.46		-7.05	341.39	
		1-S	1041	86.82	35	.26			80.29	85.19	4384.55	263.07		-7.03	341.23	
			1044	87.68	35	.26			81.15	86.10	4366.17	261.97		-7.02	341.05	
			1047	88.92	35	.26			82.39	87.42	4339.76	260.39		-7.00	340.81	
			1051	89.68	34	.25			83.14	88.21	4323.02	259.38		-6.98	340.61	
		5-S	1055	90.11	28	.21			83.53	88.63	4315.13	258.91		-6.97	340.57	
			1107	89.35	36	.27			82.83	87.88	4329.97	259.80		-6.95	340.73	
			1111	88.38	34	.25			81.84	86.83	4349.14	260.95		-6.93	340.85	
			1115	87.48	38	.28			80.97	85.91	4361.73	261.70		-6.92	340.69	
			1119	86.63	33	.24			80.08	84.96	4376.63	262.60		-6.90	340.66	
		10-S	1123	86.04	36	.27			79.52	84.37	4386.39	263.19		-6.88	340.68	
			1126	85.36	34	.25			78.82	83.63	4398.72	263.92		-6.86	340.69	
SNAKEY			1130	84.12	34	.25			77.58	82.31	4421.52	265.29		-6.85	340.75	
			1133	82.99	35	.26			76.46	81.12	4443.61	266.62		-6.83	340.91	
			1136	81.91	36	.27			75.39	79.99	4463.30	267.80		-6.81	340.98	
		15-S	1139	80.20	35	.26			73.67	78.16	4493.54	269.61		-6.80	340.97	
			1142	78.96	35	.26			72.43	76.85	4515.06	270.90		-6.78	340.97	
			1145	77.23	30	.22			70.66	74.97	4543.73	272.62		-6.76	340.83	* checked
			1152	77.57	34	.25			71.03	75.36	4540.54	272.43		-6.75	341.04	
			1155	76.93	34	.25			70.39	74.68	4556.85	273.11		-6.73	341.06	
		20-S	1159	76.60	35	.26			70.07	74.34	4557.17	273.43		-6.71	341.06	
			1202	76.60	35	.26			70.07	74.34	4557.19	273.43		-6.70	341.07	
			1206	76.12	36	.27			69.60	73.85	4564.81	273.89		-6.68	341.06	
		23-S	1209	75.54	37	.27			69.02	73.23	4574.30	274.46		-6.66	341.03	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 21 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 ✱ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity
L-284 W		24-S	1212	5175.10	34	.25 .24	6.79	-.01	6855	72.73	4581.47	274.89		-6.65	340.97
		25-S	1216	74.33	37	.27	.26		67.80	71.94	4594.32	275.66		-6.63	340.97
			1220	73.33	36	.27	.26		66.80	70.87	4610.94	276.66		-6.61	340.92
			1223	72.58	37	.27	.26		66.05	70.08	4623.84	277.43		-6.60	340.91
			1226	72.69	39	.29	.28		66.18	70.22	4623.33	277.40		-6.58	341.04
			1230	72.14	36	.27	.26		65.61	69.61	4632.02	277.92		-6.56	340.97
		30-S	1234	71.52	35	.26	.25		64.98	68.94	4642.75	278.57		-6.55	340.96
			1237	71.16	33	.24	.23		64.60	68.54	4649.98	279.00		-6.53	341.01
			1240	70.78	36	.27	.26		64.25	68.17	4656.68	279.40		-6.51	341.06
			1244	70.24	34	.25	.24		63.69	67.58	4665.73	279.94		-6.49	341.03
℄ 34-S TIE LINE ℄ 284-W	# 44		1248	69.49	37	.27	.26		62.96	66.80	4678.26	280.70		-6.48	341.02
		35-S	1252	68.82	38	.28	.27		62.30	66.10	4690.46	281.43		-6.46	341.07
			1256	68.42	34	.25	.24		61.87	65.64	4698.49	281.91		-6.44	341.11
			1259	68.05	36	.27	.26		61.52	65.27	4704.59	282.28		-6.43	341.12
			1303	67.70	40	.30	.29		61.20	64.93	4709.82	282.59		-6.41	341.11
			1306	67.39	36	.27	.26		60.86	64.57	4715.67	282.94		-6.39	341.12
		40-S	1308	66.92	35	.26	.25		60.38	64.06	4723.19	283.39		-6.38	341.07
			1313	66.86	35	.26	.25		60.32	64.00	4724.45	283.47		-6.36	341.11
			1315	66.75	34	.25	.24		60.20	63.87	4725.56	283.53		-6.34	341.05
			1318	66.69	38	.28	.27		60.17	63.84	4725.54	283.53		-6.33	341.04
			1322	66.77	34	.25	.24		60.22	63.89	4723.94	283.44		-6.31	341.02
		45-S	1326	66.91	34	.25	.24		60.36	64.04	4720.65	283.24		-6.29	340.99
			1329	67.05	38	.28	.27		60.53	64.22	4716.64	283.00		-6.28	340.94
			1332	67.30	39	.29	.28		60.79	64.50	4710.94	282.66		-6.26	340.90
		48-S	1336	67.51	38	.28	.27		60.99	64.71	4705.82	282.35		-6.24	340.82

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 21 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.0611 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-284 W		W9-S	1341	5167.75	35	.26.25	6.79	-.01	61.21	64.94	4700.61	282.04		-6.23	340.75	
COULD THIS BE THE PERFECT GRAVITY READING?	ELUSIVE	50-S	1344	68.00	37	.27	.26		61.47	65.22	4694.52	281.67		-6.21	340.68	
			1347	68.17	36	.27	.26		61.64	65.40	4689.44	281.37		-6.19	340.58	
			1350	68.44	38	.28	.27		61.92	65.70	4683.03	280.98		-6.18	340.50	
			1352	68.70	36	.27	.26		62.17	65.96	4677.65	280.66		-6.16	340.46	
			1355	69.06	38	.28	.27		62.54	66.35	4670.76	280.25		-6.14	340.46	
		55-S	1358	69.38	36	.27	.26		62.85	66.68	4664.44	279.87		-6.12	340.43	
			1400	69.64	37	.27	.26		63.11	66.96	4658.81	279.53		-6.11	340.38	
			1404	69.85	34	.25	.24		63.30	67.16	4654.16	279.25		-6.09	340.32	
			1407	70.10	36	.27	.26		63.57	67.45	4648.92	278.94		-6.07	340.32	
			1412	70.23	38	.28	.27		63.71	67.60	4644.80	278.69		-6.06	340.23	
		60-S	1415	70.54	37	.27	.26		64.01	67.91	4638.21	278.29		-6.04	340.16	
			1418	70.93	35	.26	.25		64.39	68.32	4630.42	277.83		-6.02	340.13	
			1422	71.17	38	.28	.27		64.65	6859	4623.24	277.39		-6.01	339.97	
			1425	71.56	38	.28	.27		65.04	69.01	4614.36	276.86		-5.99	339.88	
		64-S	1427	72.05	38	.28	.27		65.53	~~6953~~	4604.26	276.26		-5.97	339.82	
℄ 64-65-S TIE LINE ℄ 284-W	#46		1431	72.20	37	.27	.26		65.67	TIE 69.68 = -.01	4601.18	276.07		-5.96	339.78	
	CAMP SITE		1550	62.97	34	.25	.24	-.01	56.42	59.86						
				DRIFT = + .01												

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE 1976 SEPT. 22 OPERATOR D'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	CAMP SITE		830	5162.99	34	.25	6.82	.00	56.42	59.86						
L-300W (300+100')	#59	25-N	854	86.92	34	.25			80.35	85.25	4420.53	265.23		-7.65	342.83	TIE +.01
			858	87.22	28	.21			80.61	85.53	4414.52	264.87		-7.63	342.77	
			902	87.34	37	.27			80.79	85.72	4410.31	264.62		-7.62	342.72	
SHAKEY			906	87.63	35	.26			81.07	86.02	4404.68	264.28		-7.60	342.70	
			910	88.13	31	.23			81.54	86.51	4396.18	263.77		-7.58	342.70	
		20-N	916	88.44	29	.21			81.83	86.82	4390.44	263.43		-7.57	342.68	
			919	89.02	28	.21			82.41	87.44	4379.56	262.77		-7.55	342.66	
SHAKEY			923	89.54	39	.29			83.01	88.07	4368.45	262.11		-7.53	342.65	
			927	90.43	34	.25	.24	-.01	83.85	88.96	4352.00	261.12		-7.52	342.56	
			930	90.43	36	.27	.26		83.87	88.99	4349.97	261.00		-7.50	342.49	
		15-N	934	90.44	35	.26	.25		83.87	88.99	4349.89	260.99		-7.48	342.50	
			938	90.77	39	.29	.28		84.23	89.37	4342.10	260.53		-7.47	342.43	
			942	91.28	38	.28	.27		84.73	89.90	4332.27	259.94		-7.45	342.39	
			946	91.62	33	.24	.23		85.03	90.22	4324.22	259.45		-7.43	342.24	
			950	92.92	34	.25	.24		86.34	91.61	4293.95	257.64		-7.41	341.83	
		10-N	954	94.15	34	.25	.24		87.57	92.91	4266.15	255.97		-7.40	341.48	
			958	95.36	36	.27	.26		88.80	94.22	4238.74	254.32		-7.38	341.16	
			1002	96.15	32	.24	.23		89.56	95.02	4221.67	253.30		-7.36	340.96	
			1009	95.90	31	.23	.22		89.30	94.75	4224.81	253.49		-7.35	340.89	*
			1014	94.06	30	.22	.21		87.45	92.78	4245.69	254.74		-7.33	340.19	*
		5-N	1017	93.38	33	.24	.23		86.79	92.08	4273.98	256.44		-7.31	341.21	
			1021	92.16	37	.27	.26		85.60	90.82	4296.48	257.79		-7.30	341.31	
			1025	90.35	38	.28	.27		83.80	88.91	4330.09	259.81		-7.28	341.44	
		2-N	1029	88.78	39	.29	.28		82.24	87.26	4359.22	261.55		-7.26	341.55	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE 1976 SEPT. 22 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-300W		1-N	1034	518680	35	.26	6.82	-.01	8023	85.12	4396.34	263.78		-7.25	341.65	
		0+00	1038	85.43	38	.28	.27		78.88	83.69	4422.88	265.37		-7.23	341.83	
		1-S	1042	83.67	34	.25	.24		77.09	81.79	4454.84	267.29		-7.21	341.87	
			1046	82.36	36	.27	.26		75.80	80.42	4480.00	268.80		-7.20	342.02	
			1053	80.84	37	.27	.26		74.28	78.81	4507.60	270.46		-7.18	342.09	
			1057	79.37	34	.25	.24		72.79	77.23	4534.60	272.08		-7.16	342.15	
		5-S	1100	78.81	38	.28	.27		72.26	76.67	4546.82	272.81		-7.15	342.33	
			1103	78.25	34	.25	.24		71.67	76.04	4558.53	273.51		-7.13	342.42	
			1107	76.98	35	.26	.25		70.41	74.71	4580.98	274.86		-7.11	342.46	
			1110	76.07	34	.25	.24		69.49	73.73	4598.25	275.90		-7.10	342.53	
			1114	75.36	37	.27	.26		68.80	73.00	4610.97	276.66		-7.08	342.58	
		10-S	1117	74.60	36	.27	.25	-.02	68.03	72.18	4624.29	277.46		-7.06	342.58	
			1121	73.53	35	.26	.24		66.95	71.03	4642.30	278.54		-7.04	342.53	
			1124	72.90	39	.29	.27		66.35	70.40	4653.77	279.23		-7.03	342.60	
			1128	72.22	35	.26	.24		65.64	69.64	4665.45	279.93		-7.01	342.56	
			1132	71.56	38	.28	.26		65.00	68.97	4675.60	280.54		-6.99	342.52	
		15-S	1135	71.01	36	.27	.25		64.44	68.37	4685.01	281.10		-6.98	342.49	
			1139	70.26	37	.27	.25		63.69	67.58	4696.94	281.82		-6.96	342.44	check
			1142	69.62	34	.25	.23		63.03	66.87	4707.80	282.47		-6.94	342.40	
			1146	68.86	37	.27	.25		62.29	66.09	4719.51	283.17		-6.93	342.33	
			1149	67.96	37	.27	.25		61.39	65.13	4732.43	283.95		-6.91	342.17	
		20-S	1152	67.18	36	.27	.25		60.61	64.31	4745.10	284.71		-6.89	342.13	
			1156	66.55	36	.27	.25		59.98	63.64	4755.53	285.35		-6.88	342.09	
			1159	65.88	35	.26	.24		59.30	62.92	4766.21	285.97		-6.86	342.03	
		23-S	1203	65.34	38	.28	.26		58.78	62.37	4774.35	286.46		-6.84	341.99	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 22 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-300 W	SHAKEY	24-S	1207	5161.78	38	.28 .26	6.82	-.02	58.22	61.77	4782.37	286.94		-6.83	341.88	
		25-S	1210	64.31	37	.27	.25		57.74	61.26	4789.24	287.35		-6.81	341.80	
			1213	63.58	35	.26	.24		57.00	60.48	4800.83	288.05		-6.79	341.74	
			1217	63.20	40	.30	.28		56.66	60.12	4807.65	288.46		-6.78	341.80	+
			1221	62.54	36	.27	.25		55.97	59.38	4817.53	289.05		-6.76	341.67	
			1223	62.10	35	.26	.24		55.52	58.91	4824.28	289.46		-6.74	341.63	
		30-S	1238	61.78	36	.27	.25		55.21	58.58	4829.47	289.77		-6.73	341.62	
			1241	61.36	36	.27	.25		54.79	58.13	4835.76	290.15		-6.71	341.57	
			1244	60.75	39	.29	.27		54.20	57.51	4844.77	290.69		-6.69	341.51	
SHAKEY			1248	59.38	34	.25	.23		52.79	56.01	4865.63	291.94		-6.68	341.27	
" @ 34-S 300-W			1253	58.11	35	.26	.24		51.53	54.67	4884.48	293.07		-6.66	341.08	
		35-S	1257	57.34	38	.28	.26		50.78	53.88	4895.04	293.70		-6.64	340.94	
THE WIND, SHE BLOW TOO HARD!																
	CAMP SITE		1548	63.03	34	.25	.21	-.04	56.42	59.86						
				DRIFT=	+.04											

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 23 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	CAMP SITE		850	5163.06	34	.25	6.89	.00	56.42	59.86						
L-300 W	34-S & 300-W	34-S	1020	58.16	35	.26			51.53	54.67	4884.48	293.07		-6.66	341.08	
		35-S	1024	57.40	35	.26			50.77	53.87	4895.04	293.70		-6.64	340.93	
			1027	56.56	38	.28			49.95	53.00	4906.29	294.38		-6.63	340.75	
			1031	55.99	36	.27			49.37	52.38	4912.96	294.78		-6.61	340.55	
			1034	55.99	34	.25			49.35	52.36	4911.00	294.66		-6.59	340.43	
			1040	57.06	32	.23			50.40	53.47	4893.16	293.59		-6.58	340.48	
		40-S	1044	58.25	40	.30			51.66	54.81	4871.73	292.30		-6.56	340.55	
			1048	59.60	35	.26			52.97	56.20	4849.01	290.94		-6.54	340.60	
			1052	61.20	36	.27			54.58	57.91	4822.42	289.35		-6.53	340.73	
			1055	62.45	36	.27			55.83	59.24	4801.95	288.12		-6.51	340.85	
			1058	63.62	37	.27			57.00	60.48	4782.92	286.98		-6.49	340.97	
		45-S	1102	64.48	38	.28			57.87	61.40	4767.90	286.07		-6.48	340.99	
			1105	65.28	36	.27			58.66	62.24	4752.78	285.17		-6.46	340.95	
			1108	66.06	37	.27			59.44	63.07	4737.16	284.23		-6.44	340.86	
			1112	66.99	36	.27			60.37	64.05	4719.14	283.15		-6.43	340.77	
			1115	67.68	36	.27			61.06	64.78	4705.14	282.31		-6.41	340.68	
		50-S	1118	68.52	38	.28			61.91	65.69	4688.85	281.33		-6.39	340.63	
			1122	69.23	38	.28			62.62	66.44	4673.94	280.44		-6.38	340.50	
			1125	69.94	34	.25			63.30	67.16	4659.62	279.58		-6.36	340.38	
			1128	70.62	34	.25			63.98	67.88	4644.33	278.66		-6.34	340.20	
			1132	71.42	36	.27			64.80	68.75	4627.68	277.66		-6.32	340.09	
		55-S	1135	72.15	36	.27			65.53	69.53	4611.10	276.67		-6.31	339.89	
			1138	72.92	36	.27			66.30	70.34	4593.93	275.64		-6.29	339.69	
		57-S	1142	73.96	36	.27			67.34	71.45	4574.07	274.44		-6.27	339.62	*

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GRAVITY DATA

JOB No. MYESARK DATE SEPT. 23 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 5/2 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
		58-S	1146	5174.80	29	.21	6.89	.00	68.12	72.28	4554.02	273.24		-6.26	339.26	
			1150	76.02	40	.30			69.43	73.67	4528.26	271.70		-6.24	339.13	
		60-S	1154	77.28	32	.24			70.63	74.98	4502.86	270.17		-6.22	338.93	
			1158	78.79	32	.24			72.14	76.54	4473.80	268.43		-6.21	338.76	
			1202	80.27	34	.25			73.63	78.12	4444.93	266.70		-6.19	338.63	
			1206	81.81	32	.24			75.16	79.74	4415.53	264.93		-6.17	338.50	
		64-S	1210	83.13	34	.25			76.49	81.16	1390.30	263.42		-6.16	338.42	
℄ 65-S 300-W		65-S	1215	84.40	35	.26			77.77	82.51	4367.16	262.03		-6.14	338.40	
L-212 W		~~64~~-S	1345	73.22	37	.27	.26	-.01	66.59	70.65	4522.05	271.32		-5.16	336.81	
			1354	73.33	34	.25	.24		66.68	70.75	4520.59	271.24		-5.18	336.77	
			1358	72.85	40	.30	.29		66.25	70.29	4529.56	271.77		-5.20	336.86	
			1401	72.83	39	.29	.28		66.22	70.26	4530.82	271.85		-5.21	336.90	
			1404	72.36	38	.28	.27		65.74	69.75	4538.98	272.34		-5.23	336.86	
		~~59~~-S	1408	72.64	37	.27	.26		66.01	70.04	4536.05	272.16		-5.25	336.95	
			1412	71.78	38	.28	.27		65.16	69.13	4550.63	273.04		-5.26	336.91	
			1415	71.97	33	.24	.23		65.31	69.29	4550.02	273.00		-5.28	337.01	
change drift Not 50			1419	72.33	39	.29	.28		65.72	69.73	4542.25	272.54		-5.30	336.97	
			1423	72.23	35	.26	.25		65.59	69.59	4544.15	272.65		-5.31	336.93	
		~~54~~-S	1426	72.21	37	.27	.26		65.58	69.58	4544.74	272.68		-5.33	336.93	
			1430	71.34	41	.30	.29		64.74	68.69	4559.54	273.57		-5.35	336.91	
SNAKEY			1435	70.03	35	.26	.25		63.39	67.26	4585.70	275.14		-5.37	337.03	
			1438	68.57	34	.25	.24		61.92	65.70	4612.86	276.77		-5.38	337.09	
SURVEYORS 51 = MY	51		1442	67.76	34	.25	.24		61.11	64.84	4628.53	277.71		-5.40	337.15	
SURVEYORS 49 = MY	50	~~49~~-S	1446	66.91	35	.26	.25		60.27	63.95	4647.13	278.83		-5.42	337.36	

THE LATHS GO FROM 51-S TO 49-S IN 100'.

(13)

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. MYE-SARK DATE SEPT. 23 1976 OPERATOR O'CONNOR INSTRUMENT G-237 INSTR. CONSTANT 1.061 ½ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
SURVEYORS 48 = ACTUAL MY 49 ETC		48-S	1453	5166.75	36	.27 .26	6.89	-.01	60.12	63.79	4652.91	279.17		-5.43	337.53	
L-212W	↓		1457	66.16	38	.28	.27		59.54	63.17	4664.62	279.88		-5.45	337.60	
			1500	66.19	37	.27	.26		59.56	63.19	4665.95	279.96		-5.47	337.68	
			1505	65.88	35	.26	.25		59.24	62.85	4673.32	280.40		-5.48	337.77	
		47-S	1508	65.60	34	.25	.24		5895	62.55	4679.49	280.77		-5.50	337.82	
			1512	65.13	35	.26	.25		58.49	62.07	4688.94	281.34		-5.52	337.89	
			1515	64.76	35	.26	.25		58.12	61.67	4696.27	281.78		-5.53	337.92	
			1518	64.06	35	.26	.25		57.42	60.92	4708.82	282.53		-5.55	337.90	
			1522	63.16	34	.25	.24		56.51	59.96	4727.61	283.66		-5.57	338.05	
		39-S	1526	63.29	36	.27	.26		56.66	60.12	4720.37	283.22		-5.58	337.76	*
			1529	63.53	37	.27	.26		56.90	60.37	4725.26	283.52		-5.60	338.09	
			1532	63.12	37	.27	.26		56.49	59.94	4731.88	283.91		-5.62	338.23	
			1536	62.34	36	.27	.26		55.71	59.115	4745.18	284.71		-5.63	338.19	
			1539	61.33	38	.28	.27		54.71	58.035	4762.50	285.75		-5.65	338.15	
SURVEYORS = 34-S = MY 35-S	℄ 35-S ↓ MY 35-S	212W 34-S	1543	60.19	40	.30	.29		53.59	56.86	4781.66	286.90		-5.67	338.09	
	CAMP SITE		16.10	63.07	34	.25	.24	-.01	56.42	59.86						
				DRIFT =	+.01											

(#1)

BASE STATIONS

M.Bs 685.1

St	Time	Rdg	HI	HL	corr.	Corr Hg	B.C.		Drif		FR	
MBS	0	682.4	33	2.6		685.0	+.1		0		685.1	
BS1	18	565.2	32	2.5		567.7	+.1	-.2	-.2	0	567.6	567
MBS	32	682.7	33	2.6		685.3	+.1	-.2	-.3	0		685
BS1	47	565.2	32	2.5		565.7		-.2		0		

Avg. BS1 [567.6]

567.6

BS1	0	565.2	32	2.5	567.7	-.1		0		567.6	
BS2	15	505.7	32	2.5	508.2	-.1	-.4	-.2	0	507.9	507.9
BS1	30	565.5	32	2.5	568.0	-.1	-.4	-.3	0		567.6
BS2	46	505.7	32	2.5	508.2		-.4		0		

Avg BS. 2 507.9 507.9

BS3	0	711.7	29	2.2	713.9	1.0				714.9	
MBS	19	681.7	33	2.6	684.3	1.0	+.8	-.2	0	685.1	
BS3	37	712.0	29	2.2	714.2	1.0	+.8	-.3	0		715.0
MBS	54	681.7	33	2.6	684.3		+0.8		0		

[714.9]

Avg BS. 715.0

BS.4	0	745.4	29	2.2	747.6	1.5		0		749.1	
BS3	25 0	711.4	29	2.2	713.6	1.5	1.4	-.1	0	715.0	
BS4	49 24	745.6	29	2.2	747.8	1.5	1.4	-.2	-.2		749.0
BS3	71 46	711.7	29	2.2	713.9				-.3		

[Avg BS. #4 749.1]

[749.0]

(2)

BASE STATIONS

Sta.	Time		Rdg	HI	HI Corr.	Corr Rdg	B.c.		Avg		FR.	
Bs 5	0		734.2	33	2.6	736.8	-4.2		0		732.6	
Bs 4	15	0	751.0	29	2.2	753.2	-4.2	-4.1	+.1	0	749.1	749.1
Bs 5	27	12	734.1	33	2.6	736.7	-4.2	-4.1	+.1	0		732.6
Bs 4	41	26	751.0	29	2.2	753.2		-4.1		0		

[732.5]

Avg value Bs 5 732.6

Bs 6	0		784.9	27	2.1	787.0	-4.1		0		782.9	
Bs 5	17	0	734.2	34	2.6	736.8	-4.1	-4.2	-.1	0	732.6	
Bs 6	31	14	785.2	26	2.0	787.2		-4.2	-.2	0		783.0
Bs 5	48	31	734.2	33	2.6	736.8		-4.2		0		

[782.8] ×

[Avg value Bs 6 783.0]

Bs 7	0		690.8	28	2.2	693.0	-3.6		0		689.4	
Bs 6	35	0	784.5	27	2.1	786.6	-3.6	-3.6	0	0	783.0	
Bs 7	75	40	690.7	28	2.2	692.9	-3.6	-3.6	+.1	-.2		689.1
Bs 6	110	75	784.9	27	2.1	787.0				-.4		

689.1 ×

Avg value C89.3

Bs 8	0		594.7	31	2.4	597.1	-3.5		0		593.6	
Bs 7	15	0	690.6	28	2.2	692.8	-3.5	-3.5	0	0	689.3	C89.3
Bs 8	33	18	594.7	31	2.4	597.1		-3.5	0	-.1		593.5
Bs 7	46	31	690.8	28	2.2	693.0				-.2		

Avg Bs 593.6 ×

593.4

3

Stn	Time		Rdg	HI	HI Corr.	Corr Rdg.	Bs		Drift		FR.	
Bs 9	0		537.4	31	2.4	539.8	-2.8		0		537.0	
Bs 8	23	0	594.3	31	2.4	596.7	-2.8	-3.1	-.3	0	593.6	593.6
Bs 9	50	27	538.1	30	2.3	540.4		-3.1	-.6	-.2		537.1
Bs 8	71	48	594.7	31	2.4	597.1		-3.1		-.4		x

Avg. Bs9 537.1 536.9

Bs 9	0	539.7	34	2.6	542.3	-5.2		0		537.1	
Bs 10	20	660.5	32	2.5	663.0	-5.2	-5.1	0		657.8	657.9
Bs 9	42	539.7	34	2.6	542.3		-5.1	0	-.1		537.1
Bs 10	6-	660.7	32	2.5	663.2				-.2		x

Avg. Bs10 657.9
657.6

Bs 10	0		660.7	32	2.5	663.2	-5.3		0		657.9	
Bs 11	22	0	610.1	26	2.0	612.1	-5.3	-5.4	-.1	0	606.7	606.7
Bs 10	40	18	660.8	32	2.5	663.3	-5.3	-5.4	-.1	0		657.9
Bs 11	60	38	610.0	26	2.0	612.0		-5.4		+.1		

606.4

Avg. Bs.11 606.7

Bs. 11	0		610.0	26	2.0	612.0	-5.3		0		606.7	
Bs 12	22	0	457.8	34	2.6	460.4	-5.3	-5.4	0		455.[illegible]	455.0
Bs 11	43	21	610.0	26	2.0	612.0		-5.4	0	+.1		606.7
Bs 12	65	43	457.6	34	2.6	460.2				+.2		

454.8

Avg Bs12 455.1

Bs 12	0	457.6	34	2.6	460.2	-5.1		0		455.1	
13	28	342.2	34	2.6	344.8	-5.1	-5.2	0		339.7	339.6
12	45	457.6	34	2.6	460.2		-5.2	0	+.1		455.1
13	65	342.0	34	2.6	344.6				+.2		339.4

Avg Bs 13 339.7

4

Sta	Time	Rdg	HI	HI Corr.	Corr Rdg
Bs 13	0	341.8	34	2.6	344.4
14	20	186.4	33	2.6	189.0
13	38	341.5	34	2.6	344.1
14	54	186.2	33	2.6	188.8

Bs.	Diff.	Ft.	
-4.7		0	339.7
-4.7	-4.5	+.2	0	184.5	184.5
~~-4.7~~	-4.5	+.3	+.1		339.2
			+.2		

Adj Bs 14 184.5 184.2

Bs 14	0	186.2	33	2.6	188.8
2	45	510.0	32	2.5	512.5
14	87	186.2	33	2.6	188.8
2	120	510.0	32	2.5	512.5

-4.3		0		184.5
-4.3	-4.3	-	0	508.2	508.2
	-4.3	0	0		184.5
			0		

Avg Bs 2. 508.2 507.9

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Base Corr. Observed Gravity	Drift Elev.	Corr. Read. ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS #6		0	776.0	30	2.3	+4.7	0	783.0							
	BS #15		38	702.4	36	2.8	1	-0.1	709.8	+4.6	0	709.8				709.6
	BS #6		75	776.3	29	2.2	+4.7	-0.2	783.0	+4.6	-0.1	783.0			B.S. #15	= 709.8
	BS #15		112	702.6	36	2.8				+4.6	-0.2	709.8				
	BS #16		0	745.7	37	2.9	-4.6	0	744.0							743.9
*	BS #15		14	711.5	37	2.9	-4.6	0	709.8	-4.6	0	709.8			B.S #16	= 744.1
	BS #16		29	745.7	37	2.9	-4.6	0	744.0	-4.6	+.1	744.1				
	BS #15		40	711.3	37	2.9				-4.6	+.2	709.8				
	BS #17		0	710.3	38	2.9	-4.6	0	708.6							708.4
*	BS #16		13	746.1	35	2.7	-4.6	-0.1	744.1	-4.7	0	744.1			B.S #17	= 708.7
	BS #17		24	710.4	38	2.9	-4.6	-0.1	708.6	1	+0.1	708.7				
	BS #16		40	745.7	37	2.9				-4.7	+0.2	744.1				
	BS #17		0	709.6	37	2.9	-3.8	0	708.7							774.5
*	BS #18		17	776.0	34	2.6	-3.8	+0.1	774.7	-3.7	0	774.9			B.S. #18	= 774.8
	BS #17		35	709.5	38	2.9	-3.8	+0.1	708.7	-3.7	0	708.7				
	BS #18		69	775.6	39	3.0				-3.7	0	774.9				
	BS #18		0	773.9	36	2.8	-1.9	0	774.8							769.6
	BS #19		20	768.9	39	3.0	-1.9	-0.1	769.9	-2.0	0	769.9			B.S. #19	= 769.9
	BS #18		35	774.2	34	2.6	-1.9	-0.1	774.8	-2.0	0	774.8				
	BS #19		53	769.0	38	2.9				-2.0	0	769.9				

PAGE No. 4

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Base corr. Observed Gravity	Drift Elev.	Corr. Read. ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S.#19		0	767.6	38	2.9	-0.6	0	769.9							
*	B.S.#20		18	797.0	34	2.6	-0.6	-0.1	789.9	-0.6	0	799.0				798.6
	B.S.#19		34	767.7	38	2.9	-0.6	-0.1	769.9	-0.6	-0.1	769.9			B.S. #20	= 799.0
	B.S.#20		49	797.2	34	2.6				-0.6	-0.2	799.0				
	B.S.#20		0	797.2	34	2.6	-0.8	0	799.0							
*	B.S.#21		20	735.6	34	2.6	-0.8	0	737.4	-0.7	0	737.5				737.0
	B.S.#20		36	797.2	34	2.6	-0.8	0	799.0	-0.7	-0.1	799.0			B.S. #21	= 737.5
	B.S.#21		49	735.7	34	2.6				-0.7	-0.1	737.5				
	B.S.#21		0	740.8	34	2.6	-5.9	0	737.5							
	B.S.#22		19	697.6	32	2.5	-5.9	0	694.2	-5.9	0	694.2				693.7
	B.S.#21		37	740.8	34	2.6	-5.9	0	737.5	-5.9	0	737.5			B.S. #22	= 694.2
	B.S.#22		53	697.6	32	2.5				-5.9	0	694.2				
	B.S.#22		0	697.6	32	2.5	-5.9	0	694.2							507.9
*	B.S.#2		42	511.8	33	2.6	-5.9	0	508.5	-6.0	0	508.4			B.S. #2	= 508.5
	B.S.#22		81	697.6	32	2.5	-5.9	0	694.2	-6.0	+0.1	694.2				
	B.S.#2		110	511.7	33	2.6				-6.0	+0.1	508.4				

PAGE No. (1)

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
6:00																
L-44 W 25 N	Sta # 4		0	745.4	29											
L-60 W 25 N	STA # 3		25	711.4	29											
	Sta # 4		49	745.6	29											
	Sta # 3		71	711.7	29											
L-60 W 25 N	Sta # 3		0	711.7	29											
L-76 W 25 N	M.B. STN.		19	681.7	33											
	Stn # 3		37	712.0	29											
	M.B. STN.		54	681.7	33											
9:00																
L-76 W	MB Stn		0	682.4	33											
L-92 W 25 N	Sta # 1		18	565.3	32											
	M.B. Stn		32	682.7	33											
	Sta # 1		47	565.2	32											
L-92 W 25 N	Sta # 1		0	565.2	32											
L-108 W 25 N	Sta # 2		15	505.7	32											
	Sta # 1		30	565.5	32											
	STA # 2		46	505.7	32											

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
6:00																
L-36 W 60 N	STA #9		0	537.4	31											
	STA #8		23	594.3	31											
	STA #9		50	538.1	30											
	STA #8		71	594.7	31											
7:20	STA #8		0	594.7	31											
	STA #7		15	690.6	28											
	STA #8		33	594.7	31											
	STA #7		46	696.8	28											
8:00																
	STA #7		0	690.8	28											
	STA #6		35	784.5	27											
	STA #7		75	690.7	28											
	STA #6		110	784.9	27											
L-12 W 25 N	STA #6		0	784.9	27											
	STA #5		17	734.2	34											
	STA #6		31	785.2	26											
	STA #5		48	734.2	33											
11:00																
L-28 +00 W 25 N	STA #5		0	734.2	33											
L-44 W 25 N	STA 4		15	751.0	29											
	STA 5		27	734.1	33											
	STA 4		41	751.0	29											

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 17 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-12W 25N	B.S.#6		0	778.9	26											
T.L. 60N, 5W	B.S.#7		52	685.5	27											
	B.S.#6	0	92	779.9	26											
	B.S.#7	0	131	685.2	27											
	B.S.#6		170	780.3	26											
	B.S.#7		213	685.5	27											
10:45																
T.L. 60N 5W	B.S.#7		0	686.4	27											
20+00W 60N	B.S.#8		21	590.1	31											
	B.S.#7		40	686.2	27											
	B.S.#8		60	590.7	31											
15:45																
20+00W 66N	B.S.#8		0	590.7	31											
36+00W 60N	B.S.#9		28	533.9	34											
	B.S.#8		52	590.75	31											
	B.S.#9		82	534.3	34											
L-26W T.L.60N	B.S.#9		0	539.65	34											
L-52W = T.L.60N	B.S.#10		20	660.5	32											
	B.S.#9		42	539.65	34											
	B.S.#10		60	660.7	32											

OKAY

PAGE No. 4

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 18 OPERATOR L.P. INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-52 W T.L. 60 N	BS # 10		0	660.7	32											
L-68 W T.L. 60 N	B.S. # 11		22	610.1	26											
	B.S. # 10		40	660.8	32											
	B.S. # 11		60	610.0	26											
L-68 W T.L. 60 N	B.S. # 11		0	610.0	26											
L-84 W T.L. 60 N	B.S. # 12		22	457.8	34											
	B.S. # 11		43	610.0	26											
	B.S. # 12		65	457.6	34											
L-84 W T.L. 60 N	BS # 12		0	457.6	34											
L-100 W T.L. 60 N	B.S. # 13		28	342.15	34											
	B.S. # 12		45	457.6	34											
	B.S. # 13		65	342.0	34											
SEND 18.2																
L-100 W T.L. 60 N	BS # 13		0	341.8	34											
L-116 W T.L. 60 N	BS # 14		20	186.35	33											
	BS # 13		38	341.5	34											
	B.S. # 14		54	186.2	33											
L-116 W 60 N	BS # 14		0	186.2	33											
L-108 W 25 N	BS # 2		45	509.95	32											
	BS # 14		87	186.15	33											
L-108 W 25 N	B.S. # 2		120	509.95	32											

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 18, 76 OPERATOR CHAN INSTRUMENT INSTR. CONSTANT .10132 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-68W	B.S.#19		0	772.6	38											
L-84W	B.S.#20		23	802.4	34											
	B.S.#19		40	772.8	36											
	B.S.#20		60	802.2	36											
	B.S.#20		0	802.3	36											
L-100W	B.S.#21		18	740.3	34											
	B.S.#20		35	802.5	34											
	B.S.#21		50	740.8	34											
	B.S.#21		0	740.8	34											
L-116W	B.S.#22		19	697.6	32											
	B.S.#21		37	740.8	34											
	B.S.#22		53	697.6	32											
	B.S.#22		0	697.6	32											
L-108W	B.S.#2	25-N	42	511.8	33											
	B.S.#22		81	697.6	32											
	B.S.#2		110	511.7	33											
	B.S.#6		0	776.0	30											
	B.S.#15		38	702.4	36											
	B.S.#6		75	776.3	29											
	B.S.#15		112	702.6	36											

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L-44W 25-A	B.S #4		0	751.0	29											
L-36W BL-0	B.S #17		27	710.1	38											
	B.S #4		53	751.15	29											
	B.S #17		80	710.3	38											
	B.S #17		0	710.3	38											
L-20W BL-0	B.S #16		13	746.1	35											
	B.S #17		24	710.4	38											
	B.S #16		40	745.7	37											
31	B.S #16		0	745.7	37											
L-4W BL-0	B.S #15		14	711.5	37											
	B.S #16		29	745.7	37											
	B.S #15		40	711.3	37											
	B.S #15		0	711.3	37											
	B.S #17		28	709.8	38											
	B.S #15		58	711.2	37											
	B.S #17		85	709.6	37											
	B.S #17		0	709.6	37											
L-52W BL-0	B.S #18		17	776.0	34											
	B.S #17		35	709.5	38											
	B.S #18		49	775.6	39											

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JULY 21, 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.	ρ= Elev. Corr.	Lati-tude	Latitude Corr.	ρ= Bouguer Gravity	
	M.B.S.		0	682.7	30											
	B.S.#19		27	767.3	38											
	M.B.S.		620	683.6	31											
	B.S.#19		28	767.3	38											
	M.B.S.		64	683.5	31											
	B.S.#19		97	767.6	38											
	B.S.#19		0	767.6	38											
	B.S.#20		18	797.0	34											
	B.S.#19		34	767.7	38											
	B.S.#20		49	797.2	34											
	B.S.#20		0	797.2	34											
	B.S.#21		20	735.6	34											
	B.S.#20		36	797.2	34											
	B.S.#21		49	735.7	34											
	B.S.#18		0	773.9	36											
	B.S.#19		20	768.9	39											
	B.S.#18		35	774.2	34											
	B.S.#19		53	769.0	38											

MYE-SARK GRAD (18)

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT 20/96 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.	ρ = Elev. Corr. .06	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
T.L. 25-N	BS #31	SAME INT	0	201.6	31	2.4	+217.2	0	421.2	42.76	5064.52	303.87				
INT-220+00-W		222-W	3	173.7	29	2.3		0	393.2	39.92	5112.66	306.76				
		224	7	143.9	30	2.3		-.1	363.3	36.88	5165.05	309.90				
		226	11	115.1	34	2.6		-.1	334.8	33.99	5213.31	312.80				
INT. 228+00 W.		INT.	15	95.4	33	2.6		-.1	315.1	31.99	5247.61	314.86				
		230-W.	19	81.1	34	2.6		-.2	300.7	30.53	5272.50	316.35				
		232	23	68.6	31	2.4		-.2	288.0	29.24	5293.67	317.62				
		234	26	63.0	32	2.5		-.3	282.4	28.67	5302.12	318.13				
	BS #39	SAME 236 INT.	30	65.5	33	2.5	+217.2	-0.3	284.9	28.92	5298.66	317.92				
T.L. 25-N	BS #39	INT.	0	65.5	33	2.5	+216.9	0	284.9	28.92	5298.66	317.92				
		238-W	4	79.3	31	2.4		0	298.6	30.31	5276.60	316.60				
		240	7	99.0	23	1.8		-.1	317.6	32.24	5246.27	314.18				
		242	11	125.5	33	2.6		-.1	344.9	35.01	5202.86	312.17				
INT. 244+00		INT.	14	159.1	31	2.4		-.1	378.3	38.41	5150.54	309.03				
		246	18	188.1	34	2.6		-.2	407.4	41.36	5103.73	306.22				
		248	22	217.9	32	2.5		-.2	437.1	44.37	5056.91	303.41				
		250	26	240.7	33	2.6		-.3	459.9	46.69	5020.92	301.26				
INT. 252+00-W.	BS #40	SAME 25 2 INT.	29	265.7	33	2.5	+216.9	-0.3	484.8	49.22	4982.18	298.93				
T.L. 25-N	BS #40	INT.	0	265.7	33	2.5	+216.6	0	484.8	49.22	4982.18	298.93				
		254-W	3	287.4	(38)	3.0		0	507.0	51.47	4946.49	296.79				
		256	6	313.0	34	2.6		0	532.2	54.03	4906.53	294.39				
		258	11	336.7	29	2.3		0	555.6	56.40	4868.88	292.13				
INT. 260+00-W		260 INT.	15	352.9	30	2.3	+216.6	+.1	571.9	58.06	4843.07	290.58				

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT 20/76 OPERATOR [illegible] INSTRUMENT INSTR. CONSTANT .1015 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	
T.L.25-N		262-W	18	368.1	32	2.5	+216.6	+.1	587.3	59.62	4819.45	289.17				
		264	22	383.0	28	2.2		+.1	601.9	61.10	4797.01	287.82				
		266	26	399.4	30	2.3		+.1	618.4	62.78	4771.96	286.32				
	BS #41	268 W. INT.	29	414.1	28	2.2	+216.6	+0.1	633.0	64.26	4750.97	285.06				
T.L.25-N																
INT. 268+00 W.	BS #41	INT-268W	0	413.9	28	2.2	+216.9	0	633.0	64.26	4750.97	285.06				
		270	4	423.3	35	2.7		0	642.9	65.27	4735.35	284.12				
		272	7	438.9	32	2.5		0	658.3	66.83	4712.53	282.75				
		274	11	450.0	29	2.3		0	669.2	67.94	4695.25	281.72				
INT. 276+00 W		276-INT	15	462.3	36	2.8		0	682.0	69.24	4675.07	280.50				
		278	18	475.3	32	2.5		0	694.7	70.53	4652.71	279.16				
		280	22	486.8	32	2.5		0	706.2	71.69	4632.88	277.97				
		282	26	495.2	32	2.5		0	714.6	72.55	4619.12	277.15				
INT. 284+00 W.	BS #42	284 W INT.	30	508.1	33	2.5	+216.9	0	727.5	73.86	4598.52	275.91				
T.L.25-N	BS #42	284-INT	0	508.3	33	2.5	+216.7	0	727.5	73.86	4598.52	275.91				
		286	3	518.1	33	2.6		0	737.4	74.86	4582.30	274.94				
		288	7	527.0	33	2.6		-.1	746.2	75.75	4567.04	274.02				
		290	11	540.5	36	2.8		-.1	759.9	77.15	4545.46	272.73				
INT-292+00-W		292-INT.	14	555.4	29	2.3		-.1	774.3	78.61	4523.03	271.38				
		294	18	574.0	33	2.6		-.2	793.1	80.52	4493.07	269.58				
		296	22	589.4	30	2.3		-.2	808.2	82.05	4470.69	268.24				
		298	26	599.9	29	2.3		-.2	818.7	83.11	4454.59	267.28				
INT. 300+00 W.		300-W.T.	30	612.6	30	2.3		-.3	831.3	84.39	4434.56	266.09				
LINE CROOKED	BS #59	INT.	34	621.0	28	2.2		-0.3	839.6	85.24	4420.53	265.23				

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 20/76 OPERATOR WM. INSTRUMENT INSTR. CONSTANT .1015 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	
B.13 T.L.25-N	BS #59	INT.	0	621.0	28	2.2	+216.4	0	839.6	85.24	4420.53	265.23				
		302-W	2	627.8	30	2.3		0	846.5	85.94	4407.93	264.48				
		304	6	642.1	29	2.3		0	860.8	87.39	4383.94	263.04				
		306	9	658.9	31	2.4		0	877.7	89.10	4355.78	261.35				
INT. 308+00-W.		INT	13	676.4	30	2.3		+.1	895.2	90.88	4325.33	259.52				
		310	18	704.4	29	2.3		+.1	923.2	93.72	4274.48	256.47				
		312	22	736.6	30	2.3		+.1	955.4	96.99	4216.27	252.98				
		314	26	767.3	31	2.4		+.1	986.2	100.12	4161.75	249.71				
INT. ~~316+00-W.~~		INT	31	789.7	31	2.4		+.2	1008.7	102.40	4119.98	247.20				
Sta ≈ 50' W →		316	35	794.7	30	2.3		+.2	1013.6	102.90	4110.19	246.61				
of Upbeat Tr	BS #60	318+00	39	811.9	29	2.3	+216.4	+0.2	1030.8	104.65	4075.53	244.53				
Creek at 317+90																
B.13 T.L.25-N	BS #60	318-W	0	811.9	29	2.3	+216.6	0	1030.8	104.65	4075.53	244.53				
		320	3	813.0	27	2.1		0	1031.7	104.74	4077.45	244.65				
		322	7	807.7	28	2.2		+.1	1026.6	104.22	4091.29	245.48				
		324-W	11	810.4	30	2.3		+.1	1029.4	104.50	4086.92	245.22				
INT. 324+60		INT	16	811.7	29	2.3		+.1	1030.7	104.64	4084.92	245.10				
		326	19	819.2	31	2.4		+.1	1038.3	105.41	4071.94	244.32				
Creek 328+40		328	23	834.9	31	2.4		+.2	1054.1	107.01	4042.09	242.53				
		330	27	819.5'	29	2.3		+.2	1038.6	105.44	4075.38	244.52				
INT. 331+00-W.		INT.	33	794.8	19	1.5		+.2	1013.1	102.85'	4125.45'	247.53				
		332-W.	38	761.9	32	2.5		+.3	981.3	99.62						
		334-W	44	782.3	31	2.4		+.3	1001.6	101.68						
		336	49	822.9	32	2.5		+.4	1042.4	105.82						
shaky (no picket seen)		338-W.	53	842.8	29	2.3	+216.6	+.4	1062.1	107.82						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT 20/76 OPERATOR elm. INSTRUMENT INSTR. CONSTANT .70152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
T.L. 25-N.		340+00-W.	59	884.2	33	2.6	+216.6	+.4	1103.8	112.06						
INT. 342+00-W.		342 INT. W.	63	917.3	32	2.5		+.5	1136.9	115.42						
	BS # 61		68	915.5	29	2.3	+216.6	+0.5	1134.9							
T.L. 25-N	BS #61		0	915.6	29	2.3	+217.0	0	1134.9							
creek 342+		344-W	7	910.9	27	2.1		+.1	1130.1	114.73						
		346-W	12	871.1	28	2.2		+.1	1090.4	110.70						
		348-W		No NAIL				—								
INT = 348+50 ℄ = 27+80-N.		INT. = 348+50	20	812.9	33	2.6		+.2	1032.7	104.84	4106.17	246.37				
L. 348-W		INT.	20	812.9	33	2.6		+.2	1032.7	104.84	4106.17	246.37		-8.25	342.96	
		27-N	31	819.1	30	2.3		+.3	1038.7	105.45	4095.25	245.72		-8.23	342.94	
		26-N	34	819.5	34	2.6		+.3	1039.4	105.52	4093.83	245.63		-8.22	342.93	
			38	817.1	34	2.6		+.3	1037.0	105.28	4098.03	245.88		-8.20	342.96	
		24	42	821.9	36	2.8		+.4	1042.1	105.79	4088.55	245.31		-8.18	342.92	
			45	829.8	29	2.3		+.4	1049.5	106.55	4073.65	244.42		-8.17	342.80	
		22	48	840.3	33	2.6		+.4	1060.3	107.64	4052.49	243.15		-8.15	342.64	
			52	852.0	40	3.1		+.4	1072.5	108.88	4026.58	241.59		-8.13	342.34	
log tree roots ⇒		20	56	863.7	34	2.6		+.5	1083.8	110.03	4001.45	240.09		-8.12	342.00	
			60	874.9	32	2.5		+.5	1094.9	111.15	3977.18	238.63		-8.10	341.68	
		18	64	883.3	34	2.6		+.5	1103.4	112.02	3957.81	237.47		-8.08	341.41	
			68	895.1	33	2.6		+.6	1115.3	113.23	3933.92	236.04		-8.07	341.20	
		16	71	906.6	33	2.6		+.6	1126.8	114.39	3912.81	234.77		-8.05	341.11	
			75	912.6	33	2.6		+.6	1132.8	115.00	3901.89	234.11		-8.03	341.08	
		14-N.	78	921.6	39	3.0	+217.0	+.7	1142.3	115.97	3883.60	233.02		-8.02	340.97	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 20/76 OPERATOR BM. INSTRUMENT INSTR. CONSTANT .10152 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. 348-W		13-N	81	931.9	34	2.6	+2170	+.7	1152.2	116.97	3861.79	231.71		-8.00	340.68	
			84	938.2	33	2.6		+.7	1158.5'	117.61	3846.73	230.80		-7.98	340.43	
Creek 10+40-N.		11	87	940.0	30	2.3		+.7	1160.0	117.76	3842.34	230.54		-7.97	340.33	
			94	940.7	34	2.6		+.8	1161.3	117.90	3841.25'	230.48		-7.95'	340.43	
		9	97	934.2	32	2.5		+.8	1154.5'	117.20	3853.82	231.23		-7.93	340.50	
			101	923.0	30	2.3		+.9	1143.2	116.06	3871.88	232.31		-7.91	340.46	
		7	103	914.7	31	2.4		+.9	1135.0	115.23	3885.32	233.12		-7.90	340.45	
			106	907.1	32	2.5		+.9	1127.5'	114.46	3899.13	233.95		-7.88	340.53	
		5	109	886.4	33	2.6		+.9	1106.9	112.37	3936.20	236.17		-7.86	340.68	
			112	870.8	32	2.5		+1.0	1091.3	110.79	3965.60	237.94		-7.85'	340.88	
		3	117	858.3	34	2.6		+1.0	1078.9	109.53	3991.63	239.50		-7.83	341.20	
			122	834.8	27	2.1		+1.0	1054.9	107.09	4036.44	242.19		-7.81	341.47	
		1-N	125'	820.9	36	2.8		+1.1	1041.8	105.76	4062.40	243.74		-7.80	341.70	
		0+00	129	804.3	33	2.6		+1.1	1025.0	104.06	4094.51	245.67		-7.78	341.95	
		1-S	132	788.3	33	2.6		+1.1	1009.0	102.43	4124.80	247.49		-7.76	342.16	
			135	773.1	36	2.8		+1.1	994.0	100.91	4151.89	249.11		-7.75'	342.27	
		3	139	761.2	32	2.5		+1.2	981.9	99.68	4174.87	250.49		-7.73	342.44	
		4-S	142	754.5'	35'	2.7		+1.2	975.4	99.02	4188.53	251.31		-7.71	342.62	
INT - 4+35-S		INT.	~~146~~	NA12.												
	BS#56		153	674.1	35'	2.7	+2170	+1.3	895.1							

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept. 21/76 OPERATOR DM. INSTRUMENT INSTR. CONSTANT .1015 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 348-W.	BS #56		0	671.7	37	2.9	+220.5	0	895.1							
DUE TO VACUUM		5-S	9	746.6	36	2.8		0	969.9	98.46	4200.31	252.02		-7.70	342.78	
((FIRST LOOP OF DAY - WILL HAVE))			13	740.4	35	2.7		0	963.6	97.82	4212.55	252.75		-7.68	342.89	
EXCESS DRIFT shaky		7	16	731.7	33	2.6		-.1	954.7	96.92	4226.36	253.58		-7.66	342.84	
			19	729.2	36	2.8		-.1	952.4	96.69	4229.65	253.78		-7.65	342.82	
		9	23	727.6	33	2.6		-.1	950.6	96.50	4230.43	253.83		-7.63	342.70	
			26	727.5	35	2.7		-.1	950.6	96.50	4229.22	253.75		-7.61	342.64	
		11	32	727.3	31	2.4		-.1	950.1	96.45	4227.48	253.65		-7.59	342.51	
			36	723.7	31	2.4		-.1	946.5	96.09	4230.60	253.84		-7.58	342.35	
		13	38	723.9	32	2.5		-.1	946.8	96.12	4227.14	253.63		-7.56	342.19	
			42	730.8	31	2.4		-.2	953.5	96.80	4212.16	252.73		-7.54	341.99	
		15	45	731.3	37	2.9		-.2	954.5	96.90	4206.75 4230.65	253.84		-7.53	342.71	X 341.78
			50	733.8	35	2.7		-.2	956.8	97.13	4200.70	252.04		-7.51	341.66	
		17	54	734.1	37	2.9		-.2	957.3	97.19	4196.18	251.77		-7.49	341.47	
			57	742.1	31	2.4		-.2	964.8	97.95	4180.18	250.81		-7.48	341.28	
diff →		19	64	745.7	41	3.2		-.2	969.2	98.39	4166.80	250.01		-7.46	340.94	
			72	758.0	39	3.0		-.3	981.2	99.61	4140.84	248.45		-7.44	340.62	
		21	77	763.1	31	2.4		-.3	985.7	100.07	4128.96	247.74		-7.43	340.38	
			82	778.0	33	2.6		-.3	1000.8	101.60	4097.47	245.85		-7.41	340.04	
shaky. →		23	86	789.9	29	2.3		-.3	1012.4	102.78	4070.88	244.25		-7.39	339.64	
			89	797.2	31	2.4		-.3	1019.8	103.53	4053.13	243.19		-7.38	339.34	
		25	93	804.8	22	1.7		-.3	1026.7	104.23	4035.17	242.11		-7.36	338.98	
			96	811.2	31	2.4		-.3	1033.8	104.95	4017.91	241.07		-7.34	338.68	
		27	99	813.1	29	2.3		-.4	1035.5	105.12	4012.89	240.77		-7.33	338.56	
		28-S	102	812.3	35	2.7	+220.5	-.4	1035.1	105.08	4011.79	240.71		-7.31	338.48	

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

PAGE No.

JOB No. DATE *Sept. 21/76* OPERATOR *G.M.* INSTRUMENT INSTR. CONSTANT *.10152* 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. 348-W.		29-S	106	810.1	30	2.3	+220.5	-.4	1032.5	104.82	4014.92	240.90		-7.29	338.43	
creek - 29+00	BS#53		112	799.3	32	2.5	+220.5	-0.4	1021.9							
L. 348-W	BS#53		0	799.2	32	2.5	+220.2	0	1021.9							
		29-S	6	810.2	34	2.6		0	1033.0	104.87	4014.92	240.90		-7.29	338.48	
			11	806.9	36	2.8		-.1	1029.8	104.55	4020.76	241.25		-7.28	338.52	
		31	13	793.6	31	2.4		-.1	1016.1	103.15	4047.50	242.97		-7.26	338.86	
			17	783.1	35	2.7		-.1	1005.9	102.12	4070.79	244.25		-7.24	339.13	
		33	21	779.0	29	2.3		-.2	1001.3	101.65	4077.87	244.67		-7.22	339.10	✓
INT. ~~34+20-S~~ 33+80-S 348+15-W.		INT.	27	753.8	37	2.9		-.2	976.7	99.15	4126.80	247.61		-7.21	339.55	
T.L. 35-S		INT	27	753.8	37	2.9		-.2	976.7	99.15						
		348-W.	30	756.3	32	2.5		-.2	978.8	99.37						
	BS#53	SAME 346-W	36	799.7	30	2.3	+220.2	-0.3	1021.9	103.74						
-14 T.L. 35-S	BS#53	346-W	0	799.7	30	2.3	+219.9	0	1021.9	103.74						
		344	6	782.4	26	2.0		-.1	1004.2	101.95						
cliffs →		341 (wrong)	13	752.4	27	2.1		-.3	974.1	98.89						
picket says 341+8 ≃100 ft. from 344		340 (wrong)	25	715.3	(21 in lower) 21	1.6		-.5	933.0	94.73						
		INT.	39	670.4	31	2.4		-.8	891.9	90.55						
nail in bad place.		338	44	651.5	27	2.1		-.9	872.6	88.59						
INT ≃ 340+01		336	49	624.6	29	2.3		-1.0	845.8	85.87						
		334	54	597.2	28	2.2		-1.1	818.2	83.06						
INT - 332+00		INT.	59	585.4	37	2.9		-1.2	807.0	81.93	4438.22	266.29				
		330-W.	64	555.4	32	2.5	+219.9	-1.3	776.5	78.83	4491.39	269.48				

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
T.L. 35-S		328-W.	69	527.1	30	2.3	+219.9	-.1.4	747.9	75.93	4541.91	272.51				
		326-W	73	505.3	30	2.3		-1.5	726.0	73.70	4582.96	274.98				
SENSITIVITY	BS #54		78	487.9	28	2.2	+219.9	-1.6	708.4							
CHANGED ALOT																
L. 332-W	BS #54		0	487.9	28	2.2	+218.3	0	708.4							
INT - 34+00 S		INT.	11	585.6	35	2.7		+.1	806.7	81.90	4443.09	266.59		-7.03	341.46	
		33-S	14	575.3	32	2.5		+.1	796.2	80.83	4464.71	267.88		-7.04	341.67	
			17	565.3	30	2.3		+.2	786.1	79.80	4485.87	269.15		-7.06	341.89	
		31	21	558.3	31	2.4		+.2	779.2	79.10	4500.71	270.04		-7.08	342.06	
			26	553.8	33	2.6		+.3	775.0	78.68	4510.60	270.64		-7.10	342.22	
		29	29	550.5	34	2.6		+.3	771.7	78.34	4518.00	271.08		-7.11	342.31	
			32	548.6	37	2.9		+.3	770.1	78.18	4524.03	271.44		-7.13	342.39	
		27	35	546.1	33	2.6		+.4	767.4	77.91	4531.10	271.87		-7.15	342.63	
			38	544.2	33	2.6		+.4	765.5	77.71	4535.98	272.16		-7.16	342.71	
		25	42	542.3	33	2.6		+.4	763.6	77.52	4539.67	272.38		-7.18	342.72	
			45	541.1	39	3.0		+.5	762.9	77.45	4542.27	272.54		-7.20	342.79	
		23	48	538.8	35	2.7		+.5	760.3	77.19	4547.78	272.87		-7.21	342.85	
			51	537.0	31	2.4		+.5	758.2	76.97	4552.39	273.14		-7.23	342.88	
		21	54	535.7	35	2.7		+.6	757.3	76.88	4554.21	273.25		-7.25	342.86	
			57	535.2	35	2.7		+.6	756.8	76.83	4555.24	273.31		-7.26	342.88	
		19	61	537.2	40	3.1		+.6	759.2	77.07	4552.59	273.16		-7.28	342.95	
			64	540.5	34	2.6		+.7	762.1	77.37	4548.54	272.91		-7.30	342.98	
		17	67	543.9	33	2.6		+.7	765.5	77.71	4543.66	272.62		-7.31	343.02	
			70	549.9	36	2.8		+.7	771.7	78.34	4534.52	272.07		-7.33	343.08	
		15-S	73	556.1	33	2.6	+218.3	+0.8	777.8	78.96	4525.97	271.56		-7.35	343.17	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 21/76 OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L.332-W		14-S	76	562.0	35	2.7	+218.3	+.8	783.8	79.57	4515.88	270.95		-7.36	343.16	
			80	567.3	31	2.4		+.8	788.8	80.08	4506.78	270.41		-7.38	343.11	
		12	86	573.9	36	2.8		+.9	795.9	80.80	4495.20	269.71		-7.40	343.11	
			89	579.6	37	2.9		+.9	801.7	81.39	4485.62	269.14		-7.41	343.12	
		10	91	584.9	32	2.5		+1.0	806.7	81.90	4477.28	268.64		-7.43	343.11	
			94	590.6	31	2.4		+1.0	812.3	82.46	4468.21	268.09		-7.45	343.10	
		8	100	598.0	35	2.7		+1.1	820.1	83.26	4456.49	267.39		-7.47	343.18	
INT 6+95-S		7-S	103	606.8	30	2.3		+1.1	828.5	84.11	4442.42	266.55		-7.48	343.18	
	BS #56		113	673.1	33	2.5	+218.3	+1.2	895.1							
L.332-W	BS #56		0	672.9	33											
		6-S														
				VERY HOT DAY — EXCESSIVE DRIFT & CHANGE												
										IN SENSITIVITY						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 22/76 OPERATOR YM. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
AB L.340-W	BS #61		0	911.0	31	2.4	+221.5	0	1134.9							
INT 25+00-N.		INT.	3	912.7	33	2.6		0	1136.8	115.41	3906.09	234.37		-8.11	341.67	
		24-N	5	914.5	35	2.7		0	1138.7	115.60	3902.52	234.15		-8.09	341.66	
on creek at 22+50			8	914.6	34	2.6		0	1138.7	115.60	3902.35	234.14		-8.08	341.66	
		22	11	914.8	36	2.8		0	1139.1	115.64	3900.28	234.02		-8.06	341.64	
			15	916.6	35	2.7		-.1	1140.7	115.80	3893.31	233.60		-8.04	341.36	
		20	19	908.7	36	2.8		-.1	1132.9	115.01	3905.90	234.35		-8.03	341.33	
			23	899.2	33	2.6		-.1	1123.2	114.03	3923.61	235.42		-8.01	341.44	
		18	26	891.6	30	2.3		-.1	1115.3	113.23	3940.88	236.45		-7.99	341.69	✓ checked
			29	884.4	30	2.3		-.1	1108.1	112.49	3951.51	237.09		-7.98	341.60	checked
		16	33	868.3	29	2.2		-.1	1091.9	110.85	3979.56	238.77		-7.96	341.66	
		15-N	38	870.9	34	2.6		-.1	1094.9	111.15	3978.13	238.69		-7.94	341.90	
	BS #61		52	911.3	30	2.3	+221.5	-0.2	1134.9							
L.332-W.	BS #56		0	671.3	30	2.3	+221.5	0	895.1							
		6-S	11	616.4	33	2.6		-.1	840.4	85.32	4422.13	265.33		-7.50	343.15	
			15	626.5	28	2.2		-.1	850.1	86.30	4404.06	264.24		-7.52	343.02	
		4	18	637.4	31	2.4		-.1	861.2	87.43	4386.28	263.18		-7.53	343.08	
			21	640.0	33	2.6		-.1	864.0	87.71	4380.73	262.84		-7.55	343.00	
		2-S	24	662.2	31	2.4		-.1	886.0	89.95	4343.18	260.59		-7.57	342.97	
			27	676.0	29	2.3		-.2	899.6	91.33	4318.76	259.13		-7.58	342.88	
		0+00	31	679.9	33	2.6		-.2	903.8	91.75	4308.50	258.51		-7.60	342.66	
shakey →			34	681.9	28	2.2		-.2	905.4	91.92	4306.11	258.37		-7.62	342.67	
		2-N	38	677.0	31	2.4		-.2	909.7	91.44	4316.95	259.02		-7.63	342.83	
		3-N	42	666.3	29	2.3	+221.5	-.2	889.9	90.34	4338.38	260.30		-7.65	342.99	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity
L.332-W		4-N	47	662.1	27	2.1	+121.5	-.3	885.4	89.89	4350.25	261.02		-7.67	343.24
POOR PLACE (TREE ROOTS)			50	661.0	29	2.3		-.3	884.5'	89.79	4351.62	261.10		-7.68	343.21
		6	54	664.2	26	2.0		-.3	887.4	90.09	4347.14	260.83		-7.70	343.22
			57	669.1	30	2.3		-.3	892.6	90.62	4339.41	260.36		-7.72	343.26
		8	60	675.8	32	2.5		-.4	899.4	91.31	4328.71	259.72		-7.73	343.30
			64	683.9	29	2.3		-.4	907.3	92.11	4315.58	258.93		-7.75'	343.29
		10	67	692.8	31	2.4		-.4	916.3	93.02	4297.99	257.88		-7.77	343.13
			70	704.2	34	2.6		-.4	927.9	94.20	4278.74	256.72		-7.79	343.13
		12	73	714.4	27	2.1		-.4	937.6	95.19	4261.31	255.68		-7.80	343.07
shaky			77	722.9	30	2.3		-.5'	946.2	96.06	4246.51	254.79		-7.82	343.03
		14	81	731.6	32	2.5		-.5	955.1	96.96	4231.47	253.89		-7.84	343.01
			84	742.0	29	2.3		-.5	965.3	98.00	4214.58	252.87		-7.85'	343.02
		16	88	746.9	32	2.5		-.5'	970.4	98.52	4206.29	252.38		-7.87	343.03
			91	752.1	33	2.6		-.5'	975.7	99.05'	N.R.			-7.89	
		18	95'	763.6	34	2.6		-.6	987.1	100.21	4170.61	250.24		-7.90	342.55
			99	788.2	40	3.1		-.6	1012.2	102.76	4121.79	247.31		-7.92	342.15
		20	102	814.9	34	2.6		-.6	1038.4	105.42	4071.03	244.26		-7.94	341.74
			106	834.0	33	2.6		-.6	1057.5'	107.36	4032.96	241.98		-7.95'	341.39
creek 22+10		22	109	847.3	30	2.3		-.6	1070.5'	108.68	4004.65'	240.28		-7.97	340.99
cliff 22+30			~~121~~	~~807.4~~ N.R.	~~34~~										
		24		N.R.											
INT. 25+00		25		N.R.	cliff										
	BS# 60		121	807.4	34	2.6	+121.5	-0.7	1030.8						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 22/76 OPERATOR Y.M. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 324-W	BS#60		0	807.0	34	2.6	+221.2	0	1030.8							
INT. 324+50-W & 25+00-N.		INT.(26)	6	807.4	30	2.3		0	1030.9	104.66	4084.92	245.10		-7.93	341.73	
		25 — No Nail.														
should be 24-N.		24-N.	13	769.9	29	2.3		+.1	993.5	100.86	4153.40	249.20		-7.91	~~342.95~~ 357.97	*
200' behind 24+25 long 100 feet. Top of cliff.			19	729.4	30	2.3		+.1	953.0	96.75	4223.57	253.41		-7.90	342.26	
		22	25	695.2	33	2.6		+.2	919.2	93.32	4285.83	257.15		-7.88	342.59	
			28	687.6	32	2.5		+.2	911.5	92.54	4303.42	258.21		-7.86	342.89	
TOP of Cliff.		20	31	683.2	32	2.5		+.2	907.1	92.09	4312.54	258.75		-7.85	342.99	
			34	677.7	32	2.5		+.2	901.6	91.53	4323.75	259.43		-7.83	343.13	
		18	36	673.6	28	2.2		+.2	897.2	91.08	4331.77	259.91		-7.81	343.18	
			39	669.9	31	2.4		+.3	893.8	90.74	4338.46	260.31		-7.80	343.25	
		16	42	666.8	29	2.3		+.3	890.6	90.41	4345.68	260.74		-7.78	343.37	
			45	661.4	30	2.3		+.3	885.2	89.87	4355.35	261.32		-7.76	343.43	
		14	48	655.9	33	2.6		+.3	880.0	89.34	4364.60	261.88		-7.75	343.47	
			51	650.8	32	2.5		+.3	874.8	88.81	4373.69	262.42		-7.73	343.50	
		12	54	644.5	31	2.4		+.4	868.5	88.17	4384.05	263.04		-7.71	343.50	
			57	639.7	35	2.7		+.4	864.0	87.71	4391.83	263.51		-7.70	343.52	
		10	61	632.9	34	2.6		+.4	857.1	87.01	4401.89	264.11		-7.68	343.44	
			63	627.8	35	2.7		+.4	852.1	86.51	4410.12	264.61		-7.66	343.46	
		8	66	621.2	35	2.7		+.4	845.5	85.84	4420.60	265.24		-7.64	343.44	
			69	616.7	36	2.8		+.5	841.2	85.40	4427.28	265.64		-7.63	343.41	
		6	71	611.1	35	2.7		+.5	835.5	84.82	4435.88	266.15		-7.61	343.36	
			74	608.1	32	2.5		+.5	832.3	84.50	4441.38	266.48		-7.59	343.39	
		4	77	600.8	33	2.6		+.5	825.1	83.76	4452.02	267.12		-7.58	343.30	
		3-N	80	595.2	32	2.5		+.5	819.4	83.19	4461.59	267.70		-7.56	343.33	
	BS#57		90	563.3	30	2.3	+221.2	+0.6	787.4							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 23/76 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.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity
L. 324-W.	BS #57		0	566.8	32	2.5	+218.1	0	787.4						
		R-N	8	594.7	30	2.3		-.1	815.0	82.74	4469.16	268.15		-7.54	343.35
cow moose →			12	594	32	2.5		-.2	809.8	82.21	4476.73	268.60		-7.53	343.28
		0400	16	582.7	32	2.5		-.3	803.0	81.52	4484.94	269.10		-7.51	343.11
			19	581.7	29	2.3		-.3	801.8	81.40	4488.61	269.32		-7.49	343.23
		2-S	22	578.7	33	2.6		-.4	799.0	81.11	4492.45	269.55		-7.48	343.18
(-.0176471)			24	575.7	37	2.9		-.4	796.3	80.84	4496.64	269.80		-7.46	343.18
		4	27	572.8	34	2.6		-.5	793.0	80.51	4501.20	270.07		-7.44	343.14
			30	570.4	31	2.4		-.5	790.4	80.24	4505.58	270.33		-7.43	343.14
	BS #57 SAME	6-S	34	567.6	29	2.3	+218.1	-0.6	787.4	79.94	4510.57	270.63		-7.41	343.16
L. 324-W	BS #57	6-S	0	567.6	29	2.2	+217.6	0	787.4	79.94	4510.57	270.63		-7.41	343.16
INT - 6+20-S			5	565.0	35	2.7		-.1	785.2	79.71	4514.30	270.86		-7.39	343.18
		8	8	560.4	35	2.7		-.1	780.6	79.25	4521.29	271.98		-7.38	343.15
			11	556.0	35	2.7		-.1	776.2	78.80	4527.43	271.65		-7.36	343.09
		10	13	545.2	30	2.3		-.2	764.9	77.65	4543.38	272.60		-7.34	342.91
			17	539.2	31	2.4		-.2	759.0	77.05	4552.89	273.16		-7.32	342.89
		12	20	532.7	35	2.7		-.3	752.7	76.41	4562.30	273.74		-7.31	342.84
			23	527.7	30	2.3		-.3	747.3	75.87	4570.81	274.25		-7.29	342.83
		14	26	523.1	32	2.5		-.3	742.9	75.42	4577.70	274.66		-7.27	342.81
			28	519.6	31	2.4		-.4	739.2	75.04	4583.09	274.99		-7.26	342.77
		16	31	516.2	36	2.8		-.4	736.2	74.74	4588.53	275.31		-7.24	342.81
			33	512.5	36	2.8		-.4	732.5	74.36	4593.93	275.64		-7.22	342.78
		18	36	505.5	32	2.5		-.5	725.1	73.61	4604.47	276.27		-7.21	342.67
		19-S	38	498.9	33	2.6	+217.6	-.5	718.6	72.95	4616.02	276.96		-7.19	342.72

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT 23/76 OPERATOR WM. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 324-W		20-S	42	494.2	33	2.6		-.6	713.8	72.46	4623.64	277.42		-7.17	342.71	
Bull moose →			51	489.3	32	2.5		-.7	708.7	71.95	4630.80	277.85		-7.16	342.64	
		22	53	485.1	33	2.6		-.7	704.6	71.53	4635.79	278.15		-7.14	342.54	
			56	481.2	31	2.4		-.7	700.5	71.11	4641.75	278.51		-7.12	342.40	*
		24	59	478.3	33	2.6		-.8	697.7	70.83	4645.13	278.71		-7.11	342.43	
shakey →			61	475.8	27	2.1		-.8	694.7	70.53	4648.68	278.92		-7.09	342.36	
		26	64	475.5	34	2.6		-.8	694.9	70.55	4648.70	278.92		-7.07	342.40	
			67	475.6	31	2.4		-.9	694.7	70.53	4648.53	278.91		-7.06	342.38	
		28	69	474.9	32	2.5		-.9	694.1	70.47	4648.13	278.89		-7.04	342.32	
			73	476.3	32	2.5		-1.0	695.4	70.60	4644.30	278.66		-7.02	342.24	
		30	76	478.0	35	2.7		-1.0	697.3	70.79	4639.18	278.35		-7.01	342.13	
			80	481.3	33	2.6		-1.0	700.5	71.11	4633.91	278.03		-6.99	342.15	
		32	83	482.2	33	2.6		-1.1	701.3	71.20	4630.66	277.84		-6.97	342.07	
			86	484.4	32	2.5		-1.1	703.4	71.41	4624.54	277.47		-6.95	341.93	
INT. 324+00-S & 324+00-W.		34 INT.	89	488.3	27	2.1		-1.2	706.8	71.75	4618.26	277.10		-6.94	341.91	
	BS #54		92	489.5	32	2.5	+217.6	-1.2	708.4	71.92						
T.L. 35-S	BS #54		0	489.5	32	2.5	+216.4	0	708.4							
		322 W	3	470.4	30	2.3		0	689.1	69.96	4648.64	278.92				
		320	7	453.4	28	2.2		0	672.0	68.22	4678.06	280.68				
		318	11	441.3	32	2.5		0	660.2	67.02	4697.74	281.86				
INT ≈ 316+00-W.		INT.	15	426.8	29	2.3		0	645.5	65.53	4717.80	283.07				
		314	19	413.1	33	2.6		+.1	632.2	64.18	4739.98	284.40				
		312	23	398.9	27	2.1		+.1	617.5	62.69	4764.51	285.87				
INT.		310-W.	27	384.8	31	2.4		+.1	603.7	61.29	4785.72	287.14				
308+00-W	BS #55	INT	31	371.5	30	2.3	+216.4	+0.1	590.3	59.93	4806.71					

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 23/76 OPERATOR WW INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L. 324-W	BS #54		0	490.0	31	2.4	+2160	0	708.4							
		35-S	3	492.6	34	2.6		0	711.2	72.20	4608.46	276.51		-6.92	341.79	
			6	496.6	32	2.5		0	715.1	72.60	4598.96	275.94		-6.90	341.64	
		37	9	501.4	26	2.0		0	719.4	73.03	4587.29	275.24		-6.89	341.38	
			13	509.1	31	2.4		0	727.5'	73.86	4570.06	274.20		-6.87	341.19	
lge tree →		39	16	516.1	28	2.2		0	734.3	74.55'	4552.85'	273.17		-6.85'	340.87	
			19	528.6	31	2.4		0	747.0	75.84	4528.56	271.71		-6.84	340.71	
		41	22	540.0	32	2.5		0	758.5	77.00	4506.21	270.37		-6.82	340.55	
d. poste			26	550.6	30	2.3		0	768.9	78.06	4484.55'	269.07		-6.80	340.33	
#1 - Y 3048 #2 - Y 3047 →		43	31	565.4	29	2.3		+.1	783.8	79.57	4454.91	267.29		-6.79	340.07	
#2 - Y - 3046 #1. Y 3049			34	576.9	35'	2.7		+.1	795.7	80.78	4429.36	265.76		-6.77	339.77	
shaley →		45'	37	594.0	18	1.4		+.1	811.5'	82.38	4398.09	263.89		-6.75'	339.52	
			40	607.1	30	2.3		+.1	825.5'	83.80	4372.96	262.38		-6.74	339.44	
		47	43	613.1	35'	2.7		+.1	831.9	84.45'	4359.75'	261.59		-6.72	339.32	
			47	620.4	35'	2.7		+.1	839.2	85.20	4344.70	260.68		-6.70	339.18	
		49	50	631.3	31	2.4		+.1	849.8	86.27	4323.55'	259.41		-6.69	338.99	
			53	645.0	34	2.6		+.1	863.7	87.68	4298.37	257.90		-6.67	338.91	
		51	57	656.8	32	2.5		+.1	875.4	88.87	4277.16	256.63		-6.65'	338.85	
			59	671.7	32	2.5		+.1	890.3	90.38	4248.90	254.93		-6.64	338.67	
		53	62	682.1	29	2.3		+.1	900.5'	91.42	4225.15'	253.51		-6.62	338.31	
			66	698.1	36	2.8		+.1	917.0	93.09	4192.31	251.54		-6.60	338.03	
		55	69	713.8	33	2.6		+.1	932.5'	94.67	4155.68	249.34		-6.58	337.43	
			72	728.0	35'	2.7		+1	946.8	96.12	4121.00	247.26		-6.57	336.81	
57+90		57	76	736.0	27	2.1		+1	954.2	96.87	4101.11	246.07		-6.55'	336.39	
creek →		58-S	80	735.3	30	2.3	+2160	+.1	953.7	96.82	4100.97	246.06		-6.53	336.35	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE SEPT. 23/76 OPERATOR WM. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
LINE 324-W		59-S	83	731.6	32	2.5	+2/60	+.2	950.3	96.47	4109.27	246.56		-6.52	336.51	
			86	724.4	35	2.7		+.2	943.3	95.76	4120.91	247.25		-6.50	336.51	
		61	89	712.0	34	2.6		+.2	930.8	94.49	4146.61	248.80		-6.48	336.81	
			92	700.8	30	2.3		+.2	919.3	93.33	4165.78	249.94		-6.47	336.80	
		63	96	686.2	37	2.9		+.2	905.3	91.91	4189.27	251.36		-6.45	336.82	
		64·5	99	673.9	29	2.3		+.2	892.4	90.60	4209.78	252.59		-6.43	336.76	
INT 65+00·S		INT.	103	659.3	27	2.1		+.2	877.6	89.09	4236.23	254.17		-6.42	336.84	
	BS#51		108	711.5	31	2.4	+2/60	+0.2	930.1							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug. 29/76 OPERATOR S.M. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS# 15'		0	627.2	31	2.4		0	1121.6							
	BS# 14		19	724.2	29	2.2	+491.0	-.1	1218.3	+491.9 0	1218.3					
	BS# 15'		41	627.2	34	2.6		-.2		0	1121.7		BS#	15 =	1121.6	
	BS# 14		59	724.1	30	2.3				0					1121.7	
B.S. #13 10'N of INTER. BL + L16-W.	BS# 14		0	724.1	30	2.3		0	1218.3'							
	BS# 13		16	674.1	29	2.2	+491.9'	+.05'	1168.3	+492.0 0	1168.3		BS#	14 =	1218.3	
	BS# 14		31	724.0	30	2.3		+.1		0	1218.3					
	BS# 13		45'	674.0	30	2.3				0						
BS#12 on FINN GRID.	BS# 13		0	674.0	30	2.3	+492.0	0	1168.3							
	BS# 12		25'	706.8	27	2.1		+0	1200.9	0		BS#	13 =	1168.3		
	BS# 13		44	673.9	31	2.4		0		0						
	BS# 12		67	707.0	24	1.9				0						
	BS# 12		0	707.0	24	1.9	+492.0	0	1200.9							
	BS# 16		36	592.9	35'	2.7		-.05'	1087.55'	0	1087.55'		BS. #	16 =	1087.6	↑
	BS# 12		72	707.1	25	1.9		-.1	1200.9	+491.95 -.05'	1200.9				1087.5'	
	BS# 16		107	593.0	35'	2.7				-.1						

PAGE No. FAT GRID

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 27/76 OPERATOR J. M. INSTRUMENT INSTR. CONSTANT .10152 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	
BS # 17 on	BS#16		0	588.9	39	3.0	+495.7	0	1087.6							
T.L. CA @ 56+00 W.	BS#17		18	486.7	36	2.8		-.1	(985.05)	0	984.9		BS#17	= 985.0		
(NOT AT INTSN)	BS#16		33	589.5	34.5	2.7		-.3		+495.4 0	1087.6			984.8		
	BS#17		51	487.0	33	2.5				0						
ADJUSTED STATION	BS#17		0	486.8	33	2.5	+495.7	0	985.0							
BS#18 on	BS#18		17	364.6	33	2.5		-.05	(862.75)	0	(862.6)		BS#18	= 862.6		
T.L. CA AT INT of L. 72-W	BS#17		31	487.0	32	2.4		-.1		+495.6 0	985.0			862.4		
STATION IS 72-W	BS#18		48	364.5	34	2.6				0						
	BS#18		0	364.5	34	2.6	+495.5	0	862.6							
BS #19 on CA T.L.	BS#19		13	458.3	35	2.7		0	(956.5)	0	(956.45)		BS#19	= 956.5		
AT 87+00-W (NOT ON INTSN)	BS#18		29	364.5	34	2.6		0		+495.45 +.05	862.6			956.3		
	BS#19		42	458.3	34	2.6				+.1						
BS. #20 ON T.L. CA	BS#19		0	457.9	34	2.6	+496.0	0	956.5							
AT 103+00 (NOT INTSN)	BS#20		22	651.3	30	2.3		-.1	(1149.5)	0	(1149.45)		BS#20	= 1149.5		
	BS#19		50	458.1	34	2.6		-.2		+495.05 -.05	956.5			1149.2		
	BS#20		69	651.3	31	2.4				-.1						
BS#21	BS#20		0	651.3	31	2.4	+495.8	0	1149.5							
≈15' N of INTSN T.L. @ 2.120-W.	BS#21		26	519.3	32	2.5		+.05	(1017.65)	0	(1017.7)		BS#21	= 1017.7		
	BS#20		56	651.5	27	2.1		+.1		+495.9 0	1149.5			1017.4		
	BS#21		82	519.4	31	2.4				0						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug. 28/72 OPERATOR D.M. INSTRUMENT INSTR. CONSTANT .10152 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	
	BS#21		0	519.6	31	2.4	+494.7	0	1017.7							
EXCESS DRIFT DUE TO POOR VACUUM	BS#22		16	501.5	32	2.5		-.4	999.3	0	999.2		BS#22 =		999.2 ↓	
	BS#21		31	520.4	31	2.4		-.8		+494.5 -.3	1017.7				998.9	
BS#22 ON INTER of 2.136 & T.L. CA. IN - 35+45·N 137+50·W	BS#22		46	502.1	32	2.5				-.6						
	BS#22		0	502.0	32	2.5	+494.7	0	999.2							
BS#23 AT INT. of T.L.CA & L. 152·W.	BS#23		18	297.5	34	2.7		-.2	794.7	0	794.6		BS#23 =		794.7 ↑	
	BS#22		33	502.3	33	2.6		-.4		+494.4 -.1	999.2				794.3	
	BS#23		52	297.8	33	2.6				-.2						
BS#24 on B.L. AT 143+95 (Not inter)	BS#23		0	297.6	33	2.6	+494.5	0	794.7							
	BS#24		26	174.4	33	2.6		-.1	671.4	0	671.3		BS#24 =		671.4	
	BS#23		59	297.7	34	2.7		-.2		+494.3 -.05	794.7				671.0	
	BS#24		84	174.5	33	2.6				-.1						
BS#25 - INT B.L. & L. 138 OLD. NAIL 1974	BS#24		0	174.3	33	2.6	+494.5	0	671.4							
	BS#25		13	139.6	31	2.4		0	636.7	0	636.6		BS#25 =		636.5 ↓	
	BS#24		28	174.5	31	2.4		0		+494.6 -.1	671.4				636.1	
	BS#25		41	139.7	32	2.5				-.2						
BS#26 on B.L. AT 108+00·W.	BS#25		0	139.7	32	2.5	+494.3	0	636.5							
	BS#26		18	188.3	36	2.8		-.1	685.3	0	685.1		BS#26 =		685.2	
	BS#25		36	139.9	32	2.5		-.2		+494.0 +.1	636.5				684.7	
	BS#26		54	188.1	36	2.8				+.2						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug. 28/76 OPERATOR Y.M. INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
BS#27 on B.L. AT 87+10-W.	BS#26		0	187.9	36	2.8	+494.5	0	685.2							
	BS#27		14	154.6	32	2.5		0	651.6	0	651.5		BS#27 =		651.6	
	BS#26		32	187.9	36	2.8		0		494.45 +.05	685.2				651.1	
	BS#27		47	154.5	32	2.5				+.1						
BS#28 ON B.L. AT 73+00-W.	BS#27		0	154.5	32	2.5	+494.6	0	651.6							
	BS#28		13	94.5	35	2.7		0	591.8	0	591.8		BS#28 =		591.8	
	BS#27		26	154.5	32	2.5		0		494.65 +.05	651.6				591.3	
	BS#28		37	94.6	35	2.7				-.1						
BS#29 on B.L. AT 57+00-W.	BS#28		0	94.6	35	2.7	+494.5	0	591.8							
	BS#29		17	244.4	34	2.6		0	741.5	0	741.4		BS#29 =		741.4 ↓	
	BS#28		33	94.6	35	2.7		0		494.4 +.1	591.8				740.9	
	BS#29		48	244.1	35	2.7				+.2						
	BS#29		0	244.1	35	2.7	+494.6	0	741.4							
	BS#1		19	544.2	34	2.6		-.05	1041.35	0	1041.35		BS#1 =		1041.4 ↑	
	BS#29		43	244.2	35	2.7		-.1		494.45 +.05	741.4				1040.8	
	BS#1		61	544.4	33	2.5				-.1						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 21, 76 OPERATOR INSTRUMENT INSTR. CONSTANT .10154 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-40 W	B.S.#1	(BL-0)	0	537.3	36	2.8	+501.3	0	1041.4							
L-24 W	B.S.#2	(BL-0)	20	604.6	33	2.5		-.1	(1108.3)	0	1108.2					
	B.S.#1		39	537.4	37	2.9		-.2		+501.1 0	1041.4		BS.# 2 =		1108.2 ↓	
	B.S.#2		55	604.6	33	2.5				0					1107.6	
	B.S.#2		0	604.8	34	2.6	+500.8	0	1108.2							
L-8 W	B.S.#3		22	451.2	33	2.5		+.05	(954.55)	0	(954.65)		BS # 3 =		954.6	
	B.S.#2		40	604.9	32	2.4		+.1		+500.95 -.05	1108.2				954.0	
	B.S.#3		58	451.3	33	2.5				-.1						
	B.S.#3		0	451.3	33	2.5	+500.8	0	954.6							
L-192 W	B.S.#4	(BL-0)	20	364.6	32	2.4		-.05	(867.75)	0	(867.7)		BS # 4 =		867.7	(867.1)
	B.S.#3		50	451.4	33	2.5		-.1		+500.7 0	954.6				867.1	
	B.S.#4		70	364.6	32	2.4				0					TIE INTO STATIONS.	
															.6 SHOVED	
	B.S.#4		0	364.6	32											
L-176 W	B.S.#5	(BL-0)	20	379.2	38											
	B.S.#4		35	364.8	32											
	B.S.#5		48	379.4	38											
	B.S.#5		0	379.4	38											
L-160 W	B.S.#6	BL-0 INTER	20	391.0	35											
	B.S.#5		39	379.7	38											
	B.S.#6		54	391.3	35											

CALCULATION FOR BASE STATION

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT .1052 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
(M.B.S.)	B.S.#4		0	364.6	32	2.5	0	0	367.1					(M.B.S.)	B.S.#4	= 367.1
	B.S.#5		20	379.2	38	2.9	0	-0.1	382.0	-0.1	0	382.0			B.S.#5	= 382.0
	B.S.#4		35	364.8	32	0.5	0	-0.2	367.1	-0.1	+0.1	367.1				
	B.S.#5		48	379.4	38	2.9				-0.1	-0.2	382.0				
	B.S.#5		0	379.4	38	2.9	-0.3	0	382.0							
*	B.S.#6		20	391.0	35	2.7	-0.3	-0.2	393.2	-0.4	0	393.3			B.S.#6 =	393.3
	B.S.#5		39	379.7	38	2.9	-0.3	-0.3	382.0	-0.4	-0.2	382.0			B.S.#6	393.2
	B.S.#6		54	391.3	35	2.7				-0.4	-0.3	393.3				
	B.S.#6		0	390.2	35	2.7	+0.4	0	393.3							
*	B.S.#7		20	538.5	34	2.6	+0.4	-0.1	541.4	+0.2	0	541.3			B.S.#7	= 541.4
	B.S.#6		48	390.5	35	2.7	+0.4	-0.2	393.3	+0.2	-0.1	393.3			B.S.#7	= 541.2
	B.S.#7		69	538.6	34	2.6				+0.2	-0.1	541.3				
	B.S.#7		0	539.4	34	2.6	-0.6	0	541.4							
	B.S.#8		17	620.6	35	2.7	-0.6	0	622.7	-0.6	0	622.7			B.S.#8	= 622.7
	B.S.#7		34	539.4	34	2.6	-0.6	0	541.4	-0.6	0	541.4			B.S.#8	= 622.5
	B.S.#8		56	620.6	35	2.7				-0.6	0	622.7				
	B.S.#8		0	620.6	35	2.7	-0.6	0	622.7							
*	B.S.#9		31	721.1	33	2.6	-0.6	-0.1	723.0	-0.6	0	723.1			B.S.#9	= 723.1
	B.S.#8		65	620.8	35	2.7	-0.6	-0.2	622.7	-0.6	-0.2	622.7			B.S.#9	= 722.8
	B.S.#9		98	721.4	33	2.6				-0.6	-0.3	723.1				

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT .10052 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS #9		0	721.4	33	2.6	-0.9	0	723.1							
	BS #10		33	611.1	35	2.7	-0.9	-0.1	612.8	-1.0	0	612.8			B.S. #10 =	612.8
	BS #9		50	721.6	33	2.6	-0.9	-0.2	723.1	-1.0	-0.1	723.1			B.S #10 =	612.5
	BS #10		70	611.3	35	2.7				-1.0	-0.2	612.8				
	BS #10		0	611.3	35	2.7	-1.2	0	612.8							
*	BS #11		17	615.5	32	2.5	-1.2	-0.1	616.7	-1.2	0	616.8			B.S. #11 =	616.8
	BS #10		34	611.4	35	2.7	-1.2	-0.1	612.8	-1.2	-0.1	612.8			B.S #11 =	616.4
	BS #11		53	615.6	32	2.5				-1.2	-0.1	616.8				
	BS #11		0	617.3	36	2.8	-3.3	0	616.8							
*	BS #12		25	702.2	32	2.5	-3.3	0	701.4	-3.4	0	701.3			B.S #12 =	701.4
	BS #11		67	617.6	34	2.6	-3.3	-0.1	616.8	-3.4	0	616.8			B.S #12 =	700.9
	BS #12		90	702.2	32	2.5				-3.4	0	701.3				
	BS #12		0	702.2	32	2.5	-3.3	0	701.4							
(M.B.S.)	BS #4		43	368.4	32	2.5	-3.3	-0.1	367.5	-3.4	0	367.5		(M.B.S.)	B.S. #4 =	367.5
	BS #12		108	702.4	32	2.5	-3.3	-0.2	701.4	-3.4	-0.1	701.4			B.S #4 =	367.1
	BS #4		165	368.6	32	2.5				-3.4	-0.2	367.5			(Tie diff	= 0.4)

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 24, 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.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S.#11		0	617.3	36											
L-184W	B.S.#12	(30-N)	25	702.2	32											
	B.S.#11		67	617.6	34											
	B.S.#12		90	702.2	32											
	B.S.#12		0	702.2	32	2.4		0	1201.6							
	BS#4		43	368.4	32	2.4	+497.0	-.1	867.7	+496.9	867.7		BS#12	1201.6		
	BS#12		108	702.4	32	2.4		-.2		-.1	1201.6					
	BS#4		145	368.6	32	2.4				-.2						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE AUG 22, 76 OPERATOR INSTRUMENT INSTR. CONSTANT .10157 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S. #7		0	539.4	34											
L-128W	B.S. #8	(B2-0)	17	620.6	35											
	B.S. #7		34	539.4	34											
	B.S. #8		56	620.6	35											
	B.S. #8		0	620.6	35											
L-136W	B.S. #9	(32-N)	31	721.1	33											
	B.S. #8		65	620.8	35											
	B.S. #9		98	721.4	33											
	B.S. #9		0	721.4	33											
L-142W	B.S. #10	(29-N)	33	611.1	35											
	B.S. #9		50	721.6	33											
	B.S. #10		70	611.3	35											
	B.S. #10		0	611.3	35											
L-168W	B.S. #11	(30-N)	17	615.5	32											
	B.S. #10		34	611.4	35											
	B.S. #11		53	615.6	32											

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GRAVITY DATA

PAGE No.

JOB No. DATE Aug 21, 76 OPERATOR INSTRUMENT INSTR. CONSTANT .10152 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	
	B.S. #6		0	390.2	35											
L-144W	B.S. #7		20	538.5	34											
	B.S. #6		48	390.5	35											
	B.S. #7		69	538.6	34											

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GRAVITY DATA

JOB No. FIN DATE 23/8 OPERATOR DAWSON INSTRUMENT INSTR. CONSTANT .1015 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
L 168																
BASE STATION		#11	0	446.1	31											
L 184		30N	30	530.0	33											
BASE STATION	#12	30+15N	35	531.9	29											
L 184		30N	42	529.6	32											
BASE STATION	#12	30+15N	49	531.1	34											
L 168																
BASE STATION	#11	30+5N	90	444.7	27											
L 184	#12		120	529.6	25											

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 30/76 OPERATOR D.M. INSTRUMENT INSTR. CONSTANT .1015 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS#15		0	628.7	34	2.6	+490.3	0	1121.6							
BS#30 on L. 64-W & 32+00-N marked	BS#30		19	509.2	34	2.6		-.3	(1001.8)	0	(1001.8)		BS#	30 =	1001.8	
	BS#15		35	629.5	32	2.4		-.6		+490.0 -.3	1121.6				1001.9	
	BS#30		53	509.7	35	2.7				-.6						
BS. #31 on L. 80-W at 32+30	BS#30		0	509.7	35	2.7	+489.4	0	1001.8							
	BS#31		14	496.7	34	2.6		-.2	(988.5)	0	(988.5)		BS#	31 =	988.5	
	BS#30		30	509.9	37	2.9		-.4		+489.4 -.25	1001.8				988.6	
	BS#31		43	497.1	35	2.7				+.5						
BS#32 on L.96-W at 35+00-N.	BS#31		0	497.0	35	2.7	+488.8	0	988.5							
	BS#32		16	509.8	34	2.6		-.15	(1001.05)	0	(1001.0)		BS#	32 =	1001.0	
	BS#31		32	497.4	34	2.6		-.3		+488.6 -.1	988.5				1001.1	
	BS#32		46	510.0	34	2.6				+.2						
	BS#32		0	509.9	34	2.6	+488.5	0	1001.0							
	BS#21		21	526.4	32	2.5		-.1	(1017.3)	0	(1017.15)		BS#	21 =	1017.3	(should be 1017.4)
	BS#32		42	510.1	34	2.6		-.2		+488.25 -.05	1001.0				1017.4	1017.4
	BS#21		62	526.5	30	2.3				+.1						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug. 31/76 OPERATOR SM INSTRUMENT INSTR. CONSTANT .10152 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	
BS#33 on	BS#34		0	354.4	32	2.5	-76.5	0	280.4							
L.88 at 24+20-S	BS#33		13	452.3	31	2.4		-.2	378.0	0	377.95					
BS#34 - on knoll	BS#34		26	354.9	31	2.4		-.4		76.75 -.15	280.4	-76.9 0	280.4		BS# 33 = 378.0	
2 30-S below	BS#33		35	452.6	31	2.4				-.3		-.05	378.05		377.9	
L.96 & L-104	BS#34		47	354.8	33	2.6						-.1				
BS#35 on	BS#34		0	354.8	33	2.6		0	280.3							
L. 112-W at 36+00-S	BS#35		21	555.1	33	2.6	-77.1	-.2	480.4	-77.3 0	480.4					
	BS#34		37	355.5	30	2.3		-.4		-.1	280.4		BS# 34 =		280.4 ↑	
	BS#35		51	555.4	32	2.5				-.2					280.3	
BS#36 on	BS#35		0	555.3	32	2.5		0	480.35							
L. 128 W at 42+00-S	BS#36		22	244.2	29	2.2	-77.45	-.25	168.7	-77.7 0	168.7		BS# 35		= 480.4	
	BS#35		41	555.7	33	2.6		-.5		-.2	480.4	480.4				
	BS#36		61	244.6	29	2.2				-.4						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 1/76 OPERATOR GM. INSTRUMENT INSTR. CONSTANT .101 s²/ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS#37		0	196.8	29	2.2	-78.5	0	120.5							
	BS#36		12	244.9	33	2.5		-.2	(168.7)	0	(168.7)					
	BS#37		26	197.1	30	2.3		-.4		-78.7 -.2	120.5	-78.9 0	120.5		BS#36 =	168.7
	BS#36		39	245.3	33	2.5				-.4		-.15	(168.75)			
	BS#37		53	197.5	29	2.2						-.3				
BS#38 on	BS#37		0	197.5	29	2.2		0	(120.45)							
L.152-W	BS#38		18	162.9	33	2.6	-79.5	-.2	86.0	-79.5 0	86.0					
AT.	BS#37		34	197.8	31	2.4		-.5		-.1	(120.6)	0	120.55		BS#37 =	120.5 ↓
	BS#38		52	163.2	32	2.5				-.2		-79.65 -.05	86.0			
	BS#37		67	198.0	30	2.3						-.1				
	BS#38		0	163.6	30	2.3	-80.0	0	(85.9)							
	BS#24		22	748.8	31	2.4	-80.0	-.2	671.0	-80.2 0	671.0		85#	38 =	86.0 ↑	
	BS#28		54	164.2	29	2.2		-.5		-.15	(86.05)					
	BS#24		79	748.9	33	2.6				-.3						

MYE-SARK.

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 7/76 OPERATOR S.M. INSTRUMENT INSTR. CONSTANT .1015 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
	BS#23		0	693.8	35	2.7	-159.9	0	536.6						
BS #26	BS#26		15	700.8	34	2.6		-.1	(543.4)	0	543.35		BS# 26 =		543.4
INT. of T.L. 25-N & L. 140-W.	BS#23		28	694.2	33	2.5		-.2	536.6	-160.05 +.05	536.6				
	BS#26		40	701.1	32	2.4				-.1					
BS#27 on	BS#26		0	701.0	32	2.5	-160.1	0	543.4						
L. 140-W AT 48+00-N.	BS#27		21	507.1	36	2.8		0	(349.8)	0	(349.8)		BS# 27 =		349.8
	BS#26		37	701.0	33	2.5		0	543.4	-160.1 0	543.4				
	BS#27		57	507.2	35	2.7				0					
BS#28 on	BS#27		0	507.2	35	2.7	-160.1	0	349.8						
T.L. 50-N at 165+00 W.	BS#28		26	377.5	30	2.2		+.05	(219.65)	0	219.65		BS# 28 =		219.7 ↑
	BS#27		47	507.3	33	2.5		+.1		-160.05 +.05	349.8				219.6
	BS#28	71	61	377.2	32	2.4				+.1					
BS#29 on TL 50N	BS#28		0	377.3	32	2.5	-160.1	0	219.7						
AT 190+00-W.	BS#29		19	403.5	33	2.6		0	(246.0)	0	(245.9)		BS# 29 =		~~246.0~~
	BS#28		40	377.3	32	2.5		0		-160.15 +.05	219.7				245.8
	BS#29		60	403.5	32	2.5				+.1					
BS#30 on	BS#29		0	403.3	32	2.5	-159.8	0	246.0						
INT. of 50-N & L. 24 W.	BS#30		16	533.7	29	2.2		0	(376.1)	0	(376.1)		BS# 30 =		376.1
	BS#29		33	403.3	32	2.5		0		-159.75 +.05	246.0				375.9
	BS#30		49	533.8	29	2.2				-.1					

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 7/76 OPERATOR DM. INSTRUMENT INSTR. CONSTANT .1015 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	
B.S #31 on L.220 W.	BS #30		0	533.8	29	2.2	-159.9	0	376.1								
& INT of T.L. 25-N.	BS #31		21	579.0	34	2.6		-.2	(421.5)		0	(421.4)		BS #31	= ~~421.5~~		
	BS #30		41	534.1	30	2.3		-.4		-160.1	-.1	376.1			421.2		
	BS #31		59	579.4	33	2.5					-.3						
BS #32 on rd.	BS #31		0	579.2	33	2.5	-160.2	0	421.5								
INTER. T.L. 10-S & 2.16-W.	BS #32		23	644.1	34	2.6		-.05	(486.4)		0	(486.5)		BS #32	~~486.5~~		
	BS #31		48	579.3	33	2.5		-.1		-160.2	-.1	421.5			486.2		
	BS #32		70	644.2	35	2.7					-.2						
BS #33 on TL 10-S & INT of L.196-W	BS #32		0	644.0	35	2.7	-160.2	0	486.5								
	BS #33		19	717.4	32	2.4		0	(559.6)		0	(559.7)		BS #33	= ~~559.6~~		↓
	BS #32		38	644.1	34	2.6		0		-160.1	-.1	486.5			559.3		
	BS #33		54	717.3	35	2.7					-.2						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 8/76 OPERATOR WW. INSTRUMENT INSTR. CONSTANT .10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity		Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
BS#34 AT	BS#33		0	716.9	35	2.7	-160.0	0	559.6								
INT. T.L. 10-S & L.172-W.	BS#34		20	623.7	32	2.4		-.2	(465.9)		0	(465.8)		BS#34	=~~465.9~~	↑	
	BS#33		38	717.3	35	2.7		-.4		-160.3	-.1	559.6			465.5		
	BS#34		57	623.8	33	2.5					+.2						
BS#35 220'W	BS#34		0	623.7	33	2.5	-160.3	0	465.9								
of 10-S on L.148-W	BS#35		18	484.6	31	2.3		-.05	(326.55)		0	(326.55)		BS#35	=326.5	↓	
	BS#34		36	623.9	32	2.4		-.1		-160.35	-.05	465.9			326.1		
	BS#35		53	484.7	31	2.3					+.1						
BS#24 just	BS#35		0	~~484.4~~	31	2.4	-160.3	0	326.5								
E of 0+08 on L.124	~~BS#24~~		19	715.8	32	2.5		0	(558.0)		0	(557.9)		BS#24 =		~~558.0~~	
	BS#35		41	484.5	30	2.3		0		-160.35	+.05	326.5				557.5	
	~~BS#24~~		61	715.7	32	2.5					+.1						
BS#25 - 20'E	BS#24		0	715.7	32	2.5	-160.2	0	558.0								
of INT of 0+00B L.124-N.	BS#25		12	779.5	28	2.2		0	(621.5)		0	(621.5)		BS#25 =		621.5	LEO'S WORK
	BS#24		23	715.8	31	2.1		0		-160.2	0	558.0				621.0	(WAS 620.7
	BS#25		33	779.3	31	2.4					0						
BS#23 on	BS#25		0	779.0	31	2.4	-159.9	0	621.5								
T.L. 25-N 330'W of L.124-W.	BS#23		18	694.7	34	2.6		-.25	(537.15)		0	(537.1)		BS#23	=~~537.1~~	WAS	536.6
	BS#25		37	779.6	30	2.3		-.5		-160.2	-.2	621.5			536.6		
	BS#23		57	695.2	32	2.5					+.4						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 8/76 OPERATOR J.M. INSTRUMENT INSTR. CONSTANT 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	
B.S #36 on ~~TL~~	B.S #26		0	701.5	34	2.6	-160.7	0	543.4							
TL 25-N & 2156.50 W.	B.S #36		15	641.1	30	2.2		-.05	(482.55)	0	(482.55)		BS#36 = 482.5		↓	
	BS #26		29	701.7	33	2.5		-.1		-160.75 -.05	543.4					
	BS #36		42	641.0	32	2.4				-.1						
BS #37 on	BS #36		0	641.0	32	2.4	-160.9	0	482.5							
TL 25-N & INT of 2.180-W	BS #37		16	644.6	29	2.7		0	(485.8)	0	(485.8)		BS# 37 =		485.8	
	BS #36		31	641.1	31	2.3		0		-160.9 0	482.5					
	BS #37		47	644.5	30	2.2				0						
BS # 38 on TL 25 N	BS #37		0	644.5	30	2.3	-161.0	0	485.8							
AT INT of L 204	BS #38		17	615.5	34	2.6		+.05	(457.15)	0	(457.2)		BS# 38 =		457.2	
	BS #37		33	644.2	33	2.5		+.1		-160.9 0	485.8					
	BS #38		51	615.5	34	2.6				0						
	BS #38		0	615.5	34	2.6	-160.9	0	457.2							
	BS #31		14	579.5	33	2.5		+.05	(421.15)	0	(421.10)		BS# 31 =		421.1	WAS 421.2 TIE - 0.1
	BS #38		28	615.4	34	2.6		+.1		-160.9 +.1	457.2					
	BS #31		42	579.5	31	2.3				+.2						
	BS #38		55	615.5	34	2.6										
	BS #38		0	615.5	34	2.6										
	BS - camp		19	747.6	35	2.7										

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 9/76 OPERATOR J.M. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	CAMP B.S.		0	747.8	35	2.7		0	(589.05)							
	BS #38		19	616.1	35	2.7	-161.45	-.15	457.2	161.6 0	457.2		Camp BS =		589.1	
	CAMP		38	748.1	35	2.7		-.3		-.05	(589.15)					
	BS #38		57	616.4	33	2.5				-.1						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 10/76 OPERATOR YM. INSTRUMENT INSTR. CONSTANT 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
BS# 39 INT	BS# 31		0	581.2	33	2.5	-162.5	0	421.2						
of 25-N & 2.236-W	BS# 39		14	445.2	31	2.3		-.1	(284.9)	0	(284.8)		BS#	39 =	~~284.8~~ ↓
	BS# 31		27	581.4	33	2.5		-.2		-162.7 0	421.2				284.9
	BS# 39		42	445.0	33	2.5				0					
BS# 40 at INT	BS# 39		0	445.0	33	2.5	-162.7	0	284.8						
of T.L. 25-N & 2.252-W	BS# 40		13	645.1	30	2.2		+.05	(484.65)	0	(484.65)		BS#	40 =	~~484.7~~ ↑
	BS# 39		28	445.0	32	2.4		+.1		-162.65 +.05	2848				484.8
	BS# 40		42	645.1	29	2.1				+.1					
BS# 41 at INT	BS# 40		0	645.1	29	2.2	-162.6	0	484.7						
of 25-N & 2.268-W	BS# 41		13	793.1	32	2.4		-.05	(632.85)	0	(632.85)		BS#	41 =	~~632.8~~ ↓
	BS# 40		27	645.3	28	2.1		-.1		-162.65 -.05	484.7				633.0
	BS# 41		39	793.2	31	2.4				-.1					
BS# 42 on INT	BS# 41		0	793.2	31	2.4	-162.8	0	632.8						
of 25-N & 2.284-W	BS# 42		12	888.0	28	2.1		-.05	(727.25)	0	(727.25)		BS#	42 =	~~727.3~~ ↑
	BS# 41		26	793.3	31	2.4		-.1		-162.85 -.05	632.8				727.5
	BS# 42		39	887.9	30	2.3				-.1					
BS# 43 on	BS# 42		0	609.7	30	2.3	+115.3	0	727.3						
trail ≈ 100' E of	BS# 43		30	746.0	31	2.4		-.25	(863.45)	0	(863.4)		BS#	43 =	~~863.4~~
L.284-W & on T.L. 10-S	BS# 42		59	609.9	33½	2.6		-.5		+115.0 -.2	727.3				863.6
	BS# 43		84	746.4	31	2.4				-.4					

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 10/76 OPERATOR WM. INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
B.S#44 INT of TL.35-54 L.284	BS#43		0	746.3	31	2.4	+114.7	0	863.4							
	BS#44		26	541.6	29	2.2		-.1	658.35	0	658.25		BS# 44 =		658.3	
	BS#43		51	746.3	34	2.7		-.3		+114.45 -.05	863.4				663.5	
	BS#44		75	541.4	32	2.5				-.1						

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Sept 11/76 OPERATOR G/M. INSTRUMENT INSTR. CONSTANT 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	
BS#50 on	BS#32		0	368.7	33	2.5'	+115.0	0	486.2							
T.L. 35-S on ROAD - 2+400 W.	BS#50		14	448.2	33	2.5'		-.1'	565.5'	0	565.5'		BS# 50 =		565.5'	↓
	BS#32		29	369.1	32	2.4		-.3		-.1'	486.2					
	BS#50		44	448.3	35	2.7				-.3						
BS#49 on	BS#50		0	448.3	35	2.7	+114.5'	0	565.5'							
T.L. 65-S AT INT of L.220-W.	BS#49		19	575.7	31	2.4		-.05'	692.5'	0	692.65'		BS#49 =		692.6	
(T.L. AT 64+00-S)	BS#50		44	448.6	33	2.5'		-.1		+114.5' -.1'	565.5					
	BS#49		63	576.1	30	2.3				-.3						
BS#48 on	BS#49		0	575.9	30	2.3	+114.4	0	692.6							
INT of 65-S & L.244-W.	BS#48		22	581.2	32	2.5'		-.1'	697.9'	0	697.85'		BS# 48 =		697.9	
	BS#49		42	576.2	30	2.3		-.3		+114.5' -.05'	692.6					
	BS#48		63	581.1	35	2.7				+.1						
				~~580.9~~	~~3~~											
	BS#48		0	580.9	35	2.7	+114.3	0	697.9							
BS#47 at INT	BS#47		21	585.7	33	2.5'		-.05'	702.45'	0	702.5'		BS# 47 =		702.5	
of T.L. 65-S & L.268-W	BS#48		39	581.0	35	2.7		-.1		+114.3 -.1	697.9					
	BS#47		59	586.2	29	2.2				-.2						
BS#46 on	BS#47		0	585.9	29	2.2	+114.4	0	702.5'							
INT of T.L. 65-S	BS#46		15	570.0	33	2.5'		-.1	686.8	0	686.63		BS# 46 =		686.7	
& L.284-W.	BS#47		30	586.2	28	2.1		-.2		+114.1 +.05'	702.5'					
	BS#46		44	570.1	31	2.3				+.1						

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GRAVITY DATA

JOB No. DATE SEPT 11/76 OPERATOR G.M. INSTRUMENT INSTR. CONSTANT 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	
	BS#46		0	570.1	31	2.4	+11.9	0	686.7							
	BS#44		21	542.0	32	2.5		-.1	658.55	0	658.45	BS#	44 =	658.5	WAS	658.3
	BS#46		43	570.3	32	2.5		-.3		+113.95 -.05	686.7				↗	
	BS#44		67	542.2	31	2.4				-.1					changed to 658.5	

TIE - FAT GRID TO MYE-SARK

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GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	MBS	LEO'S CAMP	0	498.2	31	2.4	+184.5	0	685.1							
	B.S. #23		20	152.0	32	2.5		0	339.0	0						
	MBS	LEO'S CAMP	34	498.1	29	2.2		0		-.05		BS #23 =		339.0		
	BS #		46	152.0	33	2.6				-.1						
													(Fat grid		= 794.3	
													(Diff.		- 455.3))	

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GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
9:43		-10107														
1009.2	Camp.	0	10:35	1009.2	35											
	Mount.	21	10:56	73.2												
	Camp.	44	10:19	1008.1												
9:47		-10152														
949.9	Camp.	99	10:31	949.9	35											
	Mount.		10:53	19.2												
	Camp.		11:10	949.7												

.10158

SODIN	.10107 =	1009.2 −	73.7	935.5	94.55	←
SCINTREX	.10152 =	949.9 −	19.3	930.6	94.47	.101606
ACOSTE	1.06152			89.04	94.52	1.06186 / 1.06152 / .00056

.10107 .10115

.00008

Meter constants

La coste	1.06100		
SCINTREX	0.10152	.1010700	
SODIN	0.100985	.0000852	.100985
		.1009848	

536.2

54.48

62.73

54.52

63.06 63.01

54.48

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GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	CAMP	CA	0	585.2	32	2.5	+1.9		589.6							
	BS #33			555.3	30	2.3	+1.9	-.2	559.3							
	CAMP			585.6	32	2.5	+1.9									

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE *SEPT 19/76* OPERATOR *D.M.* INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati- tude	Latitude Corr.	ρ = Bouguer Gravity	
8.7	BS#55		0	589.9	30	2.3	-2.0	0	590.2							
Windygo hill	BS#54		13	708.2	29	2.2		-.2	(708.3)	0	(708.45)		BS# 54 =	708.4		
tilt went	BS#55		28	590.3	30	2.3		-.4		-2.05 .35	590.3					
from 18 to 16.2 in 45 minutes	BS#54		42	708.6	32	2.5				-.7						
9.13	BS#54		0	708.3	32	2.5	-2.5	0	708.4							
	BS#53		28	1022.2	30	2.3		-.3	(1021.8)	-3.0 0	1021.6		BS# 53 =	1021.7	TIE - (.1)	
	BS#54		58	709.1	30	2.3		-.6		-3.0 -.1	708.4			1021.8		
	BS#53		87	1022.1	34	2.6				-.2						
.16 BS#56 on	BS#53		0	803.0	34	2.6		0	(1021.85)							
L.340-W picket is marked	BS#56		34	676.5	34	2.6	+216.25	-.25	895.1	+216.0 0	895.1					
7-S	BS#53		64	803.7	31	2.4		-.3		-.1	1022.0		BS# 53 =		1021.9	
	BS#56		99	676.7	34	2.6				-.2						
BULL MOOSE	BS#56		0	676.5	34	2.6		0	(895.1)							
BS#57 on L.324 at	BS#57		18	569.4	28	2.2	+216.0	-.2	787.4	+215.8 0	787.4					
6+00-S	BS#56		36	676.8	35	2.7		-.4		-.1	(895.4)		BS#	56 =	895.1 ✓	
	BS#57		54	569.6	28	2.2				-.2						
BS#58 on	BS#57		0	569.5	28	2.2		0	(787.45)							
L.308-W AT 7-S (?)	BS#58		16	494.3	31	2.4	+215.75	+.05	712.5	+215.8 0	712.5					
	BS#57		31	569.4	28	2.2		+.1		-.05	(787.35)		BS#	57 =	787.4	
	BS#58		48	494.4	31	2.4				-.1						

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GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati-tude	Latitude Corr.	ρ = Bouguer Gravity	
	BS # 58		0	494.4	31	2.4		0	712.55							
	BS # 43		20	645.5	31	2.4	+215.15	-.05	863.6	0	863.6					
	BS # 58		38	494.5	31	2.4		-.1		+215.1 -.05	712.55		BS # 58 = 712.5 ↓			
	BS # 43		58	645.6	31	2.4				-.1						

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE Sept 16/76 OPERATOR SM INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Lati- tude	Latitude Corr.	ρ = Bouguer Gravity	
BS#52 ≃ 20'	BS#52		0	667.9	32	2.5	+0.9	0	671.3							
west of INT. L.340 & 64+65-S	BS#53		29	1019.2	35	2.7		-0.45	(1022.35)	0	1022.05		BS#	~~1022.2~~	↓	
	BS#52		58	668.9	31	2.4		-0.9		+0.15 -.15	671.3			1021.9		
BS#53 on T.L.34-S at 346+ W.	BS#53		87	1019.6	33	2.6				-.3						
SEPT 18/76	BS#52		0	670.0	31	2.4		0	(671.2)							
B-15 BS#51 ≃ 60' N	BS#51		18	929.4	30	2.3	-1.2	-.3	930.2	-1.5 0	930.2					
of T.L.65-S between L.324 &	BS#52		41	670.6	32	2.5		-.7		-.2	(671.4)		BS#	52 =	~~671.3~~ ↓	
L.316	BS#51		58	927.9	29	2.2				-.4					671.1	
815 BS#50 on	BS#51		0	929.8	29	2.3		0	(930.1)							
T.L.65-S between L.300 & L.308-W.	BS#50		20	844.4	28	2.2	-2.0	-.2	844.4	-2.2 0						
	BS#51		36	930.1	30	2.4		-.4		-.05	(930.25)	BS#	51 =	~~930.2~~	↓	
	BS#50		54	844.5	28	2.2				-.1				930.1		
	BS#50		0	844.4	28	2.2		0	(844.35)							
	BS#46		20	686.8	30	2.4	-2.25	-.25	686.7	-2.5 0	686.7					
	B.S#50		37	845.0	27	2.1		-.5		-.1	(844.5)	BS# 50 =		844.4		
	BS.#46		57	687.1	29	2.3				-.2						
A-8	~~BS#44~~		~~0~~	~~658.2~~	~~29~~											
Must have ↗	BS#55		18	590.9	28	2.2		0	(590.25)			BS#55 =		590.3	↑	
knocked it	BS#44		35	658.8	33	2.6	-2.85	-.05	658.5	0	658.5					
B.S#55 on T.L.35-S at	BS#55		53	590.7	32	2.5		-.1		-.05	590.25					
INT of L.308-W.	BS#44		71	658.9	33	2.6				-.1						

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GRAVITY DATA

JOB No. DATE SEPT. 2 16 OPERATOR GM. INSTRUMENT INSTR. CONSTANT 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	
AG.	BS#42		0	503.3	28	2.2	+222.0	0	727.5							
BS.#59 on	BS#59		13	615.8	27	2.1		-.2	(839.7)	0	(839.6)				BS#59 = 839.6 ✓	
INTER. of 2,300-W & TL 25-N.	BS#42		26	503.5	31	2.4		-.4		+221.7 -.1	727.5					
	BS#59		38	616.1	26	2.0				-.2						
BS. #60 on																
TL. 25 N at 318+00-W.	BS#59		0	616.0	26	2.0	+221.6	0	839.6							
	BS#60		16	807.1	29	2.2		-.1	(1030.8)	0					BS#60 = 1030.8	
TRIPOD LEG →	BS#59		38	616.0	28	2.2		-.2		-.05						
	BS#60		52	806.9	33	2.5				-.1						
BS. #61 just	BS#60		0	806.9	33	2.5	+221.4	0	1030.8							
N of int. 2,340 & TL 25-N.	BS#61		22	911.2	28	2.2		0	(1134.8)	+221.55 0	(1134.9)				BS#61 = 1134.9	
	BS#60		43	807.1	30	2.3		0		-.15	1030.8					
	BS#61		64	911.3	31	2.4				-.3						
	BS#61		0	911.2	30	2.3	+221.4	0	1134.9							
	BS#56		31	672.1	29	2.2		-.2	(895.5)	0	(895.05)		BS#56 =	895.3	(Was 895.1)	
	BS#61		61	911.5	31	2.4		-.4		+220.75 +4.25	1134.9					
	BS#56		90	671.5	30	2.3				+.5						
												TIE RATHER SHAKEY BUT WILL LEAVE IT AS SUCH.				