

020721

PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE June 23/76 OPERATOR G. M.

INSTRUMENT

INSTR. CONSTANT .10158

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.P. 21A. 1974	MBS	(4104-485)	0	860.8	29	2.2			835.4	84.86						
AT 1974	BS#2	L. 64-E 49+10	30	489.1	28	2.2										
	BS#1	L. 88-E 51+50-5	47	683.4	27	2.1										
			64	861.4	29	2.2										
	BS#1		78	683.8	27	2.1										
	BS#2		96	489.6	28.5	2.2										
B.S. 24 ON rd.	BS#24		0	489.6	28.5	2.2	-349.7	0	142.7							
L. 48-E 45+40-5	BS#24		21	437.0	28	2.2		-1	80.0	0	89.95					
	BS#24		33	489.8	28	2.2	-349.7	-2	142.7	349.75	-0.5	142.7				
	BS#24		43	437.1	28	2.2					-1					
B.S. #25 ON	BS#24		0	437.0	28	2.2	-349.2	0	90.0							
L. 2.72-5 AT 57+5	BS#25		28	607.2	26	2.0		-15	259.85	0	259.75					
INT - AT 57+25	BS#24		58	437.3	28	2.2		-3		349.75	-0.5	90.0				
	BS#25		86	607.2	27	2.1					-1					
BS #26 INT.	BS#25		0	607.2	27	2.1	-349.5	0	259.8							
72+00-5 & L. 72-E	BS#26		14	539.0	25	1.9		-2	191.2	0	191.05					
	BS#25		26	607.6	27	2.1		-4		349.75	-0.5	259.8				
	BS#26		41	539.1	25	1.9					-1					
B.S. #27 - INT.	BS#26		0	539.1	25	1.9	-349.9	0	191.1							
70+90-5 & 98+49	BS#27		16	650.1	29	2.2		-0.5	302.35	0	302.35					
	BS#26		31	539.2	25	1.9		-1			-0.5	191.1				
	BS#27		47	650.2	29	2.2				349.95	-1					

Calculation on next page.

GAL-DY-RICH

FG-6

BS#24 = 90.0

BS#25 259.8

BS#26 191.1

BS#27 302.4

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE JUNE 23/76 OPERATOR A.M.

INSTRUMENT

INSTR. CONSTANT 10/58

LATITUDE

CHECKED

[illegible]

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

July 6/76 OPERATOR M.M.

INSTRUMENT

INSTR. CONSTANT, 10024

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#41 ON EAST 100' of CAT TRACK AT 1460-E	BS#40	B	0	179.0	36	2.9	-511.0	0	-329.1							
$\approx 3'$ south of 8.4	BS#41		19	272.2	34	2.7		+0.5	-236.05	0	-235.9				BS#41 = -236.0	
	BS#40		36	179.0	35	2.8		+1	-510.8	-1	-329.1					
	BS#41		53	272.4	34	2.7				-1.2						
BS#42 ON BL "61" AT 13+80-E	BS#41		0	272.4	34	2.7	-511.1	0	-236.0							
	BS#42		21	357.7	34	2.7		+0.5	-150.65	0	-150.45				BS#42 = -150.5	
	BS#41		41	272.3	34	2.7		+1	-236.0	-108	-1.5	-236.0				
	BS#42		59	358.0	34	2.7				-1.3						
BS#6 ON L. 24-E AT 42-N.	BS#42		0	358.0	34	2.7	-511.2	0	-150.5							
	BS#6		21	475.9	34	2.7		-0.5	-32.65	0	-32.65				BS#42 = -32.7	
	BS#42		42	358.3	32	2.5		-1	-511.25	-0.5	-150.5					
	BS#6		60	476.0	34	2.7				-1						
	BS#6		0	476.0	34	2.7	-511.4	0	-32.7							
	BS#2		17	560.9	35	2.8		-2.5	+52.05	0	+52.00				BS#2 = +52.00	
	BS#6		35	476.4	35	2.8		-5	-511.7	-1.2	-32.7					
	BS#2		49	561.1	37	3.0				-1.4						
	BS#2		0	562.0	37	2.9	-512.9	0	52.0							
	BS#12A		8	521.4	33	2.6		-1	11.0	0	10.9				BS#12A = +11.0	TIE - 0.00
	BS#2		18	562.2	37	2.9		-1.2	-513.1	0	52.0					
	BS#12A		20	521.3	34	2.7				0						

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE 5425

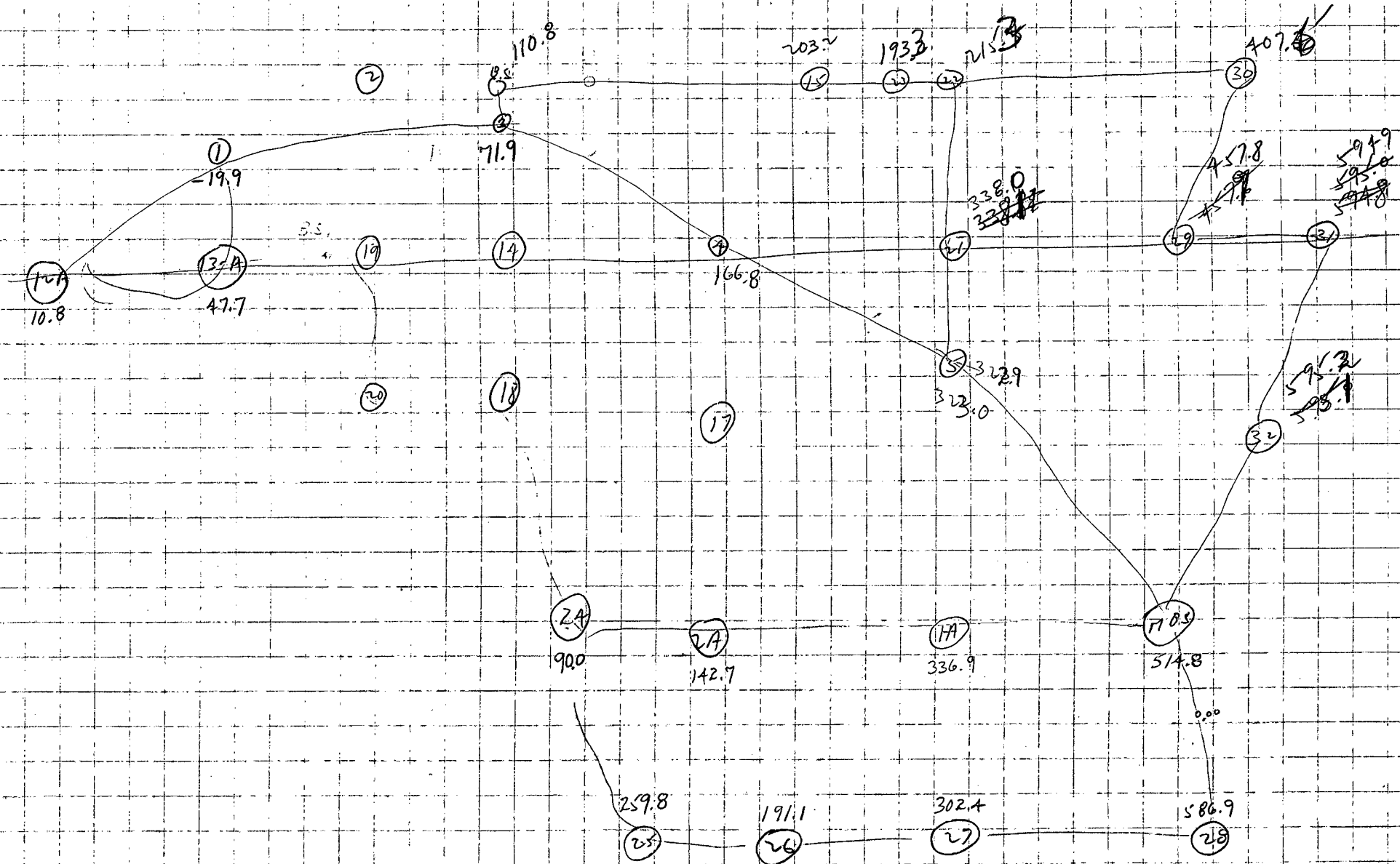
OPERATOR *J.M.*

INSTRUMENT

INSTR. CONSTANT 10024 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 #40 ON CAT TRAIL BY LARGE ROCK	BS #10	BS	0	437.2	35	2.7	-510.1	0	-70.2							
$\sim 30'$ NORTH of B.L. $\rightarrow$ 19400-W	BS #40		25	178.4	35	2.7	-510.1	-15	(-329.15)	0	(-329.15)	~~-510.1~~				
	BS #10		44	437.6	34	2.6	-510.1	-3	-70.2	-510.25	-15	-70.2	-510.4	0	-70.2	BS #40 = (-329.1)
	BS #40		63	178.9	33	2.5				-3		+0.5	(-328.95)			
	BS #10		82	437.5	34	2.6						+1				
	BS #10		0	437.5	34	2.7	-510.3	0	(-70.1)							
BS TIE			7	494.4	37	2.9	-510.3	+1	-12.9	-510.2	0	-12.9				BS #10 = (-70.2)
BS #10			15	437.4	33	2.6	-510.3	+2	-70.1		-0.5	(-70.25)				
BS TIE			24	494.6	36	2.8					-1					
BS TIE			0	494.6	36	2.8	-510.30	0	(-12.9)							
BS 12A			9	518.6	35	2.7	-510.3	0	11.0	-510.3	0	11.0				BS TIE = (-12.9) $\uparrow$
BS TIE			19	494.6	36	2.8	-510.3	0	-12.9	-510.3	-1	(-13.0)				
BS 12A			27	518.8	35	2.7				-510.3	-2					



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-PAGE No. /

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE JUNE 24. 76

OPERATOR . C. CHAN

INSTRUMENT

INSTR. CONSTANT

.10158

LATITUDE

CHECKED

[illegible]

1963

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date JUNE 28, 76 Operator C. CHAN Instrument Instr. Constant .10158 Latitude Checked

Remarks	Base	Station	Time	Read ing	HI	HI corr	Dri ft	Corr. Reading	Off ft in Scale DIV	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity	
L-88E	BS #21	68400	0	610.8	28	2.2	0	+338.0								
L-96E		8400	10	608.0	30	2.3	0	+335.3	34	34.06	3428.55	204.68		-2.05	236.69	36.70
		1-N	14	602.2	29	2.2	0	+329.4		33.46	3439.92	205.36		-2.07	236.75	36.69
		2-N	18	586.5	29	2.2	0	+323.7		32.88	3448.22	205.86		-2.09	236.65	36.66
		3-N	23	593.5	28	2.2	0	+320.7		32.58	3454.26	206.22		-2.11	236.69	36.71
		4-N	27	589.4	29	2.2	+1	+316.7		32.17	3462.29	206.70		-2.13	236.74	36.73
		5-N	30	586.1	26	2.0	+1	+313.2		31.81	3469.23	207.11		-2.15	236.78	36.78
		6-N	34	584.0	29	2.2	+1	+311.3		31.62	3474.15	207.41		-2.17	236.86	36.83
		7-N	37	581.1	28	2.2	+1	+308.4		31.33	3481.65	207.85		-2.19	236.99	36.93
		8-N	40	575.7	30	2.3	+1	+303.1		30.79	3490.61	208.39		-2.21	236.97	37.07
		9-N	44	570.1	29	2.2	+1	+297.4		30.21	3501.13	209.02		-2.23	237.00	37.13
		10-N	48	558.0	29	2.2	+1	+285.3		28.98	3512.11	209.67		-2.26	236.40	37.14
		11-N	52	553.0	30	2.3	+1	+280.4		28.48	3522.75	210.31		-2.28	236.51	37.19
		12-N	56	549.9	28	2.2	+1	+277.2		28.16	3531.51	210.83		-2.30	236.69	37.24
		13-N	60	545.8	30	2.3	+1	+273.2		27.75	3539.54	211.31		-2.32	236.74	37.29
		14-N	63	540.8	31	2.4	+1	+268.3		27.25	3549.49	211.90		-2.34	236.82	37.30
		15-N	66	537.0	28	2.2	+1	+264.3		26.85	3557.10	212.36		-2.36	236.85	37.31
		16-N	70	535.0	26	2.0	+1	+262.1		26.62	3562.28	212.67		-2.38	236.91	37.34
(.0018519)		17-N	74	532.8	26	2.0	+1	+259.9		26.40	3567.32	212.97		-2.40	236.97	37.38
		18-N	78	524.9	28	2.2	+1	+252.2		25.62	3579.99	213.73		-2.42	236.92	37.41
		19-N	82	520.3	29	2.2	+2	+247.7		25.16	3591.06	214.39		-2.44	237.11	37.44
		20-N	85	513.8	29	2.2	+2	+241.2		24.50	3601.60	215.02		-2.46	237.06	37.47
		21-N	90	507.9	28	2.2	+2	+235.3		23.90	3609.81	215.51		-2.48	236.93	37.50
		22-N	94	503.4	30	2.3	+2	+230.9		23.45	3618.32	216.01		-2.50	236.97	37.53
INTBR		22+19N	97	509.8	31	2.4	+2	+237.4		24.12	3621.04	216.18		-2.51	237.78	37.56
L-88E	BS #22	22+29N	108	487.2	28	2.9	+2	+215.3								

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE JUNE 21, 76 OPERATOR C. CHAN

INSTRUMENT.

A
INSTR. CONSTANT . 10158

LATITUDE

CHECKED

[illegible]

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE/TIME 21/76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT .10158

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L 88 E	B.S. 21	0+00	0	683.8	37	2.9	-348.7	0	338.0	34.33	3432.84	204.94		-2.17	237.10	
		1-N	4	672.2	39	3.0		0	326.5	33.17	3450.89	206.02		-2.19	236.99	
		2-N	8	659.6	39	3.0		0	313.9	31.89	3470.74	207.20		-2.21	236.88	
		3-N	12	656.6	40	3.1		0	311.0	31.59	3476.55	207.55		-2.23	236.91	
		4-N	16	653.2	41	3.2		-1	307.6	31.25	3481.47	207.84		-2.25	236.84	
		5-N	20	648.7	36	2.8		-1	302.7	30.75	3488.57	208.27		-2.27	236.75	
		6-N	23	646.9	37	2.9		-1	301.0	30.58	3492.04	208.47		-2.29	236.76	
		7-N	27	642.7	38	2.9		-1	296.8	30.15	3499.04	208.89		-2.31	236.73	
		8-N	30	637.5	38	2.9		-1	291.6	29.62	3507.47	209.40		-2.33	236.69	
		9-N	35	633.8	38	2.9		-1	287.9	29.24	3513.56	209.76		-2.35	236.65	
		10-N	38	630.3	38	2.9		-1	284.4	28.89	3519.83	210.13		-2.37	236.65	
		11-N	42	627.1	36	2.8		-1	281.1	28.55	3526.43	210.53		-2.39	236.69	
		12-N	46	622.2	38	2.9		-1	276.3	28.07	3534.49	211.01		-2.42	236.66	
		13-N	50	618.4	31	2.4		-2	271.9	27.62	3542.62	211.49		-2.44	236.67	
		14-N	54	613.0	36	2.8		-2	266.9	27.11	3551.93	212.05		-2.46	236.70	
		15-N	58	609.5	36	2.8		-2	263.4	26.76	3559.16	212.48		-2.48	236.76	
(-0031250)		16-N	63	605.7	41	3.2		-2	260.0	26.41	3566.63	212.93		-2.50	236.84	
		17-N	67	599.2	41	3.2		-2	253.5	25.75	3578.16	213.62		-2.52	236.85	
		18-N	71	593.7	38	2.9		-2	247.7	25.16	3588.74	214.25		-2.54	236.87	
		19-N	75	587.7	36	2.8		-2	241.6	24.54	3600.03	214.92		-2.56	236.90	
		20-N	80	581.2	41	3.2		-3	235.4	23.91	3611.99	215.64		-2.58	236.97	
		21-N	85	579.0	35	2.7		-3	232.7	23.64	3617.28	215.95		-2.60	236.99	
		22-N	91	567.9	37	2.9		-3	221.8	22.53	3636.30	217.09		-2.62	237.00	
L 88 + 26 E	B.S. 22	TL-22-N	96	561.3	39	3.0	-348.7	-3	215.3	21.87	3646.50	217.70		-2.63	236.94	

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 PETER E. WALCOTT & Assoc. Ltd.
 Gravity Data

Job #	Date	Operator	Instrument	Instr. Constant	Latitude	Checked								
Remarks	Base	Station	Time	Reading	HI	HI corr	Drift in Scale Div	Corr. Reading	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity
L88 +26 E	B.S. #22	T.L. 22 N	0	561.1	39	3.0	-3.6	215.3	21.87	3647.03			-2.62	
T.L. 22 N		L88 E	1	560.5	39	3.0	0	214.7	21.81	3648.76	217.83		-2.62	237.02
		86 E	5	559.6	39	3.0	-1	213.7	21.71	3648.00	217.79		-2.65	236.84
		84 E	10	537.0	41	3.2	-1	191.3	19.43	3678.73	219.62		-2.69	236.36
		82 E	15	533.8	37	2.9	-2	187.7	19.07	3684.08	219.94		-2.72	236.29
INTER	B.S. #23	80 E	19	539.0	41	3.2	-3	193.1	19.62	3675.89	219.45		-2.75	236.32
		78 E	23	547.7	39	3.0	-3	201.6	20.48	3660.29	218.52		-2.78	236.22
(.0145833)		76 E	28	544.0	40	3.1	-4	197.9	20.10	3665.20	218.81		-2.81	236.11
		74 E	33	543.5	41	3.2	-5	197.4	20.05	3662.88	218.67		-2.84	235.89
INTER	B.S. #15	72 E	38	548.6	39	3.0	-6	202.2	20.54	3652.06	218.03		-2.87	235.70
T.L. 22 N	B.S. #23	80 E	48	539.8	39	3.0	-3.6	193.3						
L-80 E	B.S. #23	22-N	0	539.9	39	3.0	-3.6	193.3		3676.13			-2.75	
		22-N	2	537.6	40	3.1				3678.92			-2.74	
		21-N	5	543.5	38	2.9				3667.07			-2.72	
		20-N	9	553.6	39	3.0				3650.35			-2.70	
		19-N	13	562.8	41	3.2				3633.31			-2.68	
(.0225806)		18-N	15	570.0	41	3.2				3620.49			-2.66	
		17-N	19	577.9	41	3.2				3605.93			-2.64	
		16-N	23	585.2	37	2.9				3595.23			-2.62	
		15-N	25	579.1	37	2.9				3603.55			-2.60	
		14-N	29	578.3	41	3.2				3604.69			-2.58	
		13-N	33	577.3	39	3.0				3605.44			-2.56	
		12-N	36	581.5	39	2.9				3597.90			-2.53	
		11-N	40	598.2	40	3.1				3573.26			-2.51	

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PETER E. WALCOTT & Assoc. Ltd.
Gravity DataJob # Date JUNE 21, 76 Operator C. CHAN Instrument Instr. Constant 10158 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift in Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity
L 80 E		10-N	45	597.6	42	3.2					3572.90			-2.49	
		9-N	50	619.8	33	2.5					3540.57			-2.47	
		8-N	54	632.0	42	3.2					3522.61			-2.45	
		7-N	57	636.3	41	3.2					3517.67			-2.43	
		6-N	61	639.2	38	2.9					3517.46			-2.41	
		5-N	65	638.8	38	2.9					3514.45			-2.39	
		4-N	68	638.3	37	2.9					3514.30			-2.37	
		3-N	71	641.9	38	2.9					3507.66			-2.35	
		2-N	75	653.8	41	3.2					3486.08			-2.33	
		1-N	78	663.2	40	3.1					3471.35			-2.31	
	B.L.	0+00	83	672.9	41	3.2	-349.6	331.8			3453.89			-2.29	
L 80 E	B.L.	0+00	0	672.8	41	3.2									
L 88 E	B.S. #21	0+00	11	685.0	37	3.2	-350.2	338.0							
		1-S	18	696.6	35										
		2-S	21	706.5	36										
		3-S	25	724.0	31										
		4-S	29	737.9	36										
		5-S	33	752.1	37										
		6-S	44	749.7	36										
		7-S	48	733.7	41										
		8-S	52	726.4	32										
		9-S	55	716.9	36										
		10-S	59	706.4	37										
		11-S	63	694.5	35										

- CONTINUED BACK P. 3.
↑ MINUS 11 min.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

PAGE No. 1

JOB No. DATE JUNE 22, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT .10658 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-88E	B.S. ^{#5}	(11-S)	0	669.2	41	3.2	249.4	0	323.0							
L-96E	B.S. ^{#6}	26-S	10	723.7	43	3.3		-.1	377.6	38.35	3381.33	201.87		-1.52	238.69	
		25-S	15	719.0	41	3.2		-.1	372.7	37.86	3388.87	202.32		-1.59	238.63	
		24-S	20	716.1	44	3.4		-.1	370.0	37.58	3392.99	202.56		-1.56	238.59	
		23-S	24	714.7	41	3.2		-.1	368.4	37.42	3396.14	202.75		-1.58	238.59	
		22-S	27	711.0	39	3.0		-.2	364.4	37.02	3402.18	203.11		-1.60	238.53	
		21-S	30	711.1	32	2.5		-.2	364.0	36.98	3403.07	203.16		-1.62	238.52	
		20-S	34	713.8	36	2.8		-.2	367.0	37.28	3397.72	202.84		-1.64	238.48	
		19-S	37	714.8	38	2.9		-.2	368.1	37.39	3395.61	202.72		-1.66	238.45	
		18-S	40	715.8	41	3.2		-.2	369.4	37.52	3392.83	202.55		-1.68	238.40	
		17-S	44	713.8	39	3.0		-.3	367.1	37.29	3396.05	202.74		-1.70	238.33	
		16-S	47	720.0	34	2.6		-.3	372.9	37.88	3385.25	202.10		-1.72	238.26	
		15-S	51	733.0	40	3.1		-.3	386.4	39.25	3363.40	200.79		-1.74	238.31	
		14-S	55	741.9	41	3.2		-.3	395.4	40.16	3347.25	199.83		-1.76	238.24	
		13-S	59	758.5	39	3.0		-.3	411.8	41.83	3318.63	198.12		-1.78	238.17	
		12-S	63	766.0	42	3.2		-.4	419.4	42.60	3299.77	197.00		-1.80	237.80	
		11-S	67	774.1	40	3.1		-.4	427.4	43.42	3285.36	196.14		-1.83	237.72	
		10-S	70	782.0	36	2.8		-.4	435.0	44.19	3271.59	195.31		-1.85	237.65	
		9-S	75	786.8	36	2.8		-.4	439.8	44.67	3261.64	194.72		-1.87	237.52	
		8-S	79	796.9	35	2.7		-.5	442.7	45.28	3239.96	193.43		-1.89	237.22	
		7-S	84	808.6	37	2.9		-.5	461.6	46.89	3213.28	191.83		-1.91	236.81	
		6-S	95	810.5	42	3.2		-.5	463.8	47.11	3210.11	191.64		-1.93	236.83	
		5-S	101	770.5	37	2.9		-.6	423.4	43.01	3275.64	195.56		-1.95	236.61	
		4-S	113	734.1	33	2.5		-.6	386.6	39.27	3335.29	199.12		-1.97	236.42	
		3-S	120	703.7	38	2.9		-.7	356.5	36.21	3385.87	202.14		-1.99	236.36	

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE JUNE 22, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT 10158 LATITUDE

CHECKED

[illegible]

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JUNE 22, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT 10/58 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-88E	B.S.#1	0+00	0	685.5	34	2.6	-350.1	0	338.0							
L-80E		0+00	10	675.7	23	2.5		+1	328.2	33.34	3153.89	206.20		-2.29	237.25	
L-80E		1-S	17	684.1	40	3.1		+2	337.3	34.26	3138.17	205.26		-2.27	237.25	
		2-S	22	674.5	38	2.9		+2	327.5	33.27	3157.38	206.41		-2.25	237.42	
		3-S	25	670.8	33	2.5		+3	323.5	32.86	3166.20	206.93		-2.23	237.56	
		4-S	29	664.5	42	3.2		+3	317.9	32.29	3178.83	207.69		-2.21	237.77	
		5-S	32	660.3	41	3.2		+3	313.7	31.87	3189.30	208.31		-2.19	237.99	
		6-S	36	652.3	31	2.1		+4	304.7	30.95	3503.92	209.18		-2.17	237.97	
		7-S	40	644.3	36	2.8		+4	297.4	30.21	3518.70	210.07		-2.15	238.13	
		8-S	44	632.5	38	2.9		+5	285.8	29.03	3537.96	211.22		-2.13	238.12	
		9-S	48	620.8	36	2.8		+5	274.0	27.83	3558.94	212.47		-2.11	238.19	
		10-S	52	622.0	34	2.6		+6	275.1	27.94	3559.98	212.53		-2.09	238.39	
		11-S	57	615.2	37	2.9		+6	268.6	27.28	3572.31	213.27		-2.07	238.48	
		12-S	61	604.3	40	3.1		+7	258.0	26.21	3591.72	214.43		-2.05	238.58	
CAT ROAD		13-S	65	589.0	40	3.1		+7	242.7	24.65	3617.27	215.95		-2.03	238.57	
		14-S	70	577.4	40	3.1		+8	231.2	23.49	3638.03	217.19		-2.01	238.67	
		15-S	74	569.0	39	3.0		+8	222.7	22.62	3652.70	218.07		-1.99	238.70	
		16-S	77	562.4	39	3.0		+8	216.1	21.95	3657.46	218.35		-1.97	238.83	
(.0107438)		17-S	80	557.5	39	3.0		+9	211.3	21.46	3666.80	218.91		-1.94	238.13	
		18-S	83	552.0	39	3.0		+9	205.8	20.91	3677.45	219.54		-1.92	238.53	
		19-S	88	543.0	39	3.0		+9	196.8	19.99	3692.53	220.44		-1.90	238.53	
		20-S	92	539.7	36	2.8		+1.0	193.4	19.65	3700.31	220.91		-1.88	238.67	
		21-S	95	537.5	42	3.2		+1.0	191.6	19.46	3703.42	221.09		-1.86	238.70	
		22-S	99	535.7	41	3.2		+1.1	189.9	19.29	3706.86	221.30		-1.84	238.75	
L-88E	B.S.#5		121	668.6	42	3.2	-350.1	+1.3	323.0	10.17	3710.79					

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GRAVITY DATA

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PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JUNE 23, 76. OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT .10158 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-88E	B.S. #5		0	606.8	43	3.3	-2.972	0	323.9							
L-88E		13-S	2	608.4	42	3.2		0	324.4	32.95	3472.68	207.32	-1.90	238.37		
		14-S	7	592.2	40	3.1		-.1	308.0	31.29	3500.21	208.96	-1.88	238.37		
		15-S	11	586.5	38	2.9		-.1	302.1	30.69	3512.06	209.67	-1.86	238.50		
		16-S	15	579.1	39	3.0		-.2	294.7	29.94	3525.67	210.48	-1.84	238.58		
		17-S	18	572.1	38	2.9		-.2	287.6	29.21	3537.72	211.20	-1.82	238.60		
		18-S	21	567.0	38	2.9		-.3	282.4	28.69	3546.54	211.73	-1.80	238.61		
		19-S	25	563.8	39	3.0		-.3	279.3	28.37	3552.76	212.10	-1.78	238.69		
		20-S	28	558.1	42	3.2		-.3	273.8	27.81	3561.70	212.63	-1.76	238.69		
		21-S	32	544.7	37	2.9		-.4	260.0	26.41	3583.61	213.94	-1.74	238.61		
		22-S	36	539.5	39	3.0		-.4	254.9	25.89	3593.13	214.51	-1.72	238.68		
		23-S	40	533.1	37	2.9		-.5	248.3	25.22	3602.42	215.06	-1.70	238.59		
		24-S	44	527.6	38	2.9		-.5	242.8	24.66	3612.39	215.66	-1.68	238.64		
		25-S	47	530.3	40	3.1		-.6	245.6	24.95	3608.96	215.82	-1.66	238.72		
		26-S	50	523.9	39	3.0		-.6	239.1	24.29	3618.89	216.05	-1.64	238.70		
		27-S	54	523.0	40	3.1		-0.7	238.2	24.20	3619.36	216.08	-1.62	238.65		
		28-S	58	532.7	40	3.1		-.7	241.9	25.18	3604.06	215.16	-1.60	238.74		
		29-S	62	538.3	40	3.1		-.8	253.4	25.74	3595.19	214.63	-1.57	238.80		
		30-S	67	549.7	29	2.2		-.8	263.9	26.81	3577.41	213.57	-1.55	238.83		
		31-S	72	558.7	35	2.7		-.9	273.3	27.76	3559.18	212.48	-1.53	238.71		
		32-S	77	566.5	42	3.2		-.9	281.6	28.60	3548.54	211.85	-1.51	238.94		
		33-S	80	565.6	42	3.2		-1.0	280.6	28.50	3550.34	211.96	-1.49	238.97		
		34-S	84	568.3	43	3.3		-1.0	283.4	28.79	3545.31	211.66	-1.47	238.97		
		35-S	88	569.4	41	3.2		-1.1	284.3	28.88	3544.23	211.59	-1.45	239.02		
		36-S	92	571.1	38	2.9		-1.1	285.7	29.02	3541.23	211.41	-1.43	239.00		

GRAVITY DATA

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

20/07/76

OPERATOR

Tim KERRY

INSTRUMENT

INSTR. CONSTANT

.10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr. 0.697	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS#30		0	617.9	30	2.3	-207.3	0	412.9	41.39	3306.35	197.39				
	T.L.22	N 120-4	4	611.9	32	2.5		0	407.1	40.81	3316.15	197.97	-	-2.14	236.64	
		118-4	10	591.1	37	2.9		0	386.7	38.76	3351.42	200.08		-2.17	236.67	
		116-4	16	572.8	35	2.7		+ .1	368.3	36.92	3385.91	202.14		-2.20	236.86	
		114-4	20	559.5	34	2.7		+ .1	355.0	35.59	3411.50	203.67		-2.23	237.03	
		112-4	25	541.0	31	2.4		+ .1	336.8	33.70	3442.93	205.54		-2.26	236.98	
		110-4	30	525.7	36	2.8		+ .1	321.3	32.21	3470.66	207.20		-2.29	237.12	
		108-4	35	512.3	33	2.6		+ .1	307.7	30.84	3494.07	208.60		-2.32	237.12	
		106-4	40	491.2	34	2.7		+ .1	286.7	28.74	3527.81	210.61		-2.35	237.00	
		104-4	45	474.5	34	2.7		+ .2	270.1	27.07	3560.83	212.58		-2.38	237.27	
		102-4	51	458.9	33	2.6		+ .2	254.4	25.50	3587.48	214.17		-2.41	237.26	
		100-4	55	453.7	35	2.7		+ .2	249.3	24.99	3600.83	214.97		-2.44	237.52	
		98-4	59	450.3	34	2.7		+ .2	245.9	24.65	3606.81	215.33		-2.47	237.51	
		96-4	63	441.5	36	2.8		+ .2	237.2	23.78	3620.96	216.17		-2.50	237.45	
		94-4	67	431.7	39	3.1		+ .2	227.7	22.82	3636.32	217.09		-2.53	237.38	
		92-4	72	428.6	36	2.8		+ .3	224.4	22.49	3642.87	217.54		-2.57	237.46	
		90-4	77	425.4	35	2.7		+ .3	221.1	22.16	3645.57	217.64		-2.60	237.20	
	BS#22	188-4	81	422.5	34	2.7	-207.3	+0.3	218.2	21.87	3647.03	217.73		-2.62	236.98	
	BS#21	BLQ. 884	0	547.5	34	2.7	-207.7	0	342.5	34.33						
	180-4	R.L.D.	7	537.0	37	2.9		0	332.2	33.30	3453.89	206.20		-2.29	237.21	
		1-5	12	546.2	37	2.9		0	341.4	34.22	3438.17	205.26		-2.27	237.21	
		2-5	16	535.7	33	2.6		0	330.6	33.14	3457.38	206.41		-2.25	237.30	
		3-5	20	531.8	32	2.5		0	326.6	32.74	3466.20	206.93		-2.23	237.44	
		4-5	23	526.0	36	2.8		0	321.1	32.19	3478.83	207.69		-2.24	237.67	
		5-5	26	521.2	38	3.0		0	316.5	31.73	3489.30	208.31		-2.19	237.85	

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PAG No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

DATE 20/07/74 OPERATOR TIM KIRBY

INSTRUMENT

INSTR. CONSTANT

10024

LATITUDE

CHECKED

[illegible]

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE 16/07/76

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.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
	L80-E	6-S	55	489.7	36											
		7-S	60	478.3	34											
		8-S	65	467.0	37											
		9-S	70	455.8	34											
		10-S	74	456.2	36											
	BS#5	82	506.2	35	2.7	-185.4	+3.7	327.2								
L80-E	BS#5	1	0	506.2	35	2.7	-181.7	0	327.2	+32.80						
		11-S	10	450.6	35	2.7		- .1	271.5	+27.22	3572.31	213.27		-2.07	238.41	
		12-S	15	439.9	36	2.8		- .2	260.8	+26.14	3591.72	214.43		-2.03	238.54	
		13-S	18	424.4	37	2.9		- .2	245.4	+24.60	3617.27	215.95		-2.03	238.52	
		14-S	23	413.3	38	2.9		- .2	234.3	+23.49	3638.03	217.19		-2.01	238.67	
		15-S	26	404.5	35	2.7		- .3	222.2	+22.57	3652.70	218.09		-1.99	238.65	
		16-S	29	403.3	39	3.0		- .3	224.3	+22.48	3657.46	218.35		-1.97	238.86	
		17-S	33	398.2	39	3.0		- .3	219.2	21.97	3666.80	218.91		-1.94	238.94	
		18-S	37	391.1	40	3.1		- .4	212.1	21.26	3677.45	219.54		-1.92	238.88	
		19-S	42	382.3	35	2.7		- .4	202.9	20.34	3692.53	220.44		-1.90	238.88	
		20-S	45	378.3	34	2.6		- .5	198.7	19.92	3700.31	220.91		-1.88	238.95	
		21-S	49	376.6	38	2.9		- .5	197.3	19.78	3703.42	221.09		-1.86	239.01	
		22-S	56	375.2	34	2.6		- .6	195.5	19.60	3706.86	221.30		-1.84	239.06	
		23-S	59	373.5	35	2.7		- .6	193.9	19.44	3710.79	221.53		-1.82	239.15	
		24-S	62	372.1	36	2.8		- .6	192.6	19.31	3712.14	221.61		-1.80	239.12	
		25-S	65	372.4	35	2.7		- .7	192.7	19.32	3713.27	221.68		-1.78	239.22	
		26-S	68	375.3	33	2.5		- .7	195.4	19.59	3710.04	221.49		-1.76	239.32	
27-27		27-S	72	374.8	38	2.9		- .7	195.3	19.58	3709.03	221.43		-1.74	239.27	
		28-S	76	381.2	41	3.2		- .8	201.9	20.24	3699.24	220.84		-1.72	239.36	

GRAVITY DATA

CHECKED

[illegible]

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

J.S. #	Date	Operator	Instrument	Instr. Constant	Latitude	Checked										
Remarks	Base	Station	Time	Read Ing	HI	HI corr.	Dri- ft	Corr. Reading	Dr/ft In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity	
~~40-72~~	B.S.	TL 40 E	0	451.8	38	2.9	-342.9	110.8		11.26	3821.59	228.15		-3.36	236.05	
5 x 2.2		42 E	5	464.3	36	2.8	0	123.8		12.58	3799.19	226.81		-3.33	236.06	"
W.T. R.S.		44 E	9	474.1	35	2.7	-1	132.8		13.49	3783.40	225.81		-3.30	236.06	
		46 E	12	482.5	32	2.5	-1	141.0		14.32	3768.92	225.00		-3.27	236.06	
T.L. 22 N		48 E	17	489.3	36	2.8	-1	148.0		15.03	3757.18	224.30		-3.25	236.09	
VNT →		50 E	24	495.5	32	2.5	-2	156.9		15.94	3741.33	223.36		-3.21	236.09	
50 FT. FROM PREVIOUS 50 E		50 E	29	504.2	42	3.2	-2	163.3		16.59	3730.50	222.71		-3.21	236.09	
		52 E	36	520.7	36	2.8	-3	179.3		18.21	3700.85	220.94		-3.18	235.97	
		54 E	41	534.5	42	3.2	-3	193.5		19.66	3675.30	219.42		-3.15	235.92	
		56	47	550.5	42	3.2	-4	209.4		21.27	3647.15	217.73		-3.12	235.89	
(.0082333)		58	52	567.2	38	2.9	-4	225.8		22.94	3617.96	215.99		-3.09	235.84	
		60	56	574.4	35	2.7	-5	232.7		23.64	3605.05	215.22		-3.05	235.81	
		62	62	581.8	38	2.9	-5	240.3		24.41	3590.76	214.37		-3.02	235.76	
		64	67	588.1	42	3.2	-6	246.9		25.07	3577.72	213.59		-2.99	235.67	
		66	71	585.2	37	2.9	-6	243.6		24.74	3583.05	213.91		-2.96	235.69	
		68	75	580.0	38	2.9	-6	238.4		24.22	3590.10	214.33		-2.93	235.62	
		70	80	567.8	37	2.9	-7	226.1		22.97	3610.87	215.57		-2.90	235.64	
	BSP 15	72 E	85	545.1	35	2.7	-343.9	203.2		20.64	3652.06	218.03		-2.87	235.80	
TL 72 E	BSP 15	72 E	0	545.2	35	2.7	-344.7	203.2			3652.06			-2.87		
		22 N	3	545.1	38	2.9	0	203.3		20.65	3651.39	217.99		-2.86	235.78	
		21 N	9	551.0	27	2.1	+1	208.5		21.18	3640.32	217.33		-2.84	235.67	
		20 N	13	545.2	31	2.4	+1	203.0		20.62	3646.31	217.68		-2.82	235.49	
		19 N	18	569.7	35	2.7	+1	227.8		23.14	3608.04	215.40		-2.80	235.74	
		18 N	21	592.8	38	2.9	+2	251.2		25.52	3572.92	213.30		-2.78	236.04	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE JUN 17 OPERATOR J.E.

INSTRUMENT

INSTR. CONSTANT 10158

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr. 2000	Drift	Corr. Reading	Observed Gravity	Elev.	P = Elev. Corr.	Latitude	Latitude Corr.	P = Bouguer Gravity	
		17N	25	600.8	37	2.9		+2.2	259.2	26.33	3561.94	212.65		-2.76	236.22	
		16N	29	608.3	39	3.0		+2.2	266.8	27.10	3552.97	212.11		-2.74	236.47	
		15N	31	615.3	36	2.8		+3	273.7	27.80	3545.71	211.68		-2.72	236.76	
		14N	36	616.4	39	3.0		+3	275.0	27.93	3546.96	211.75		-2.70	236.99	
		13N	41	600.6	39	3.0		+3	259.2	26.33	3574.57	213.40		-2.68	237.05	
		12N	46	606.7	38	2.9		+4	265.3	26.95	3566.24	212.90		-2.66	237.19	
		11N	50	609.0	38	2.9		+4	267.6	27.18	3563.22	212.72		-2.64	237.27	
		10N	54	607.8	40	3.1		+4	266.6	27.08	3566.67	212.93		-2.62	237.39	
		9N	50	599.3	34	2.6		+5	257.7	26.18	3574.64	213.41		-2.60	236.98	←
		8N	54	597.4	35	2.7		+5	255.9	25.99	3578.98	213.67		-2.57	237.09	
		7N	58	597.2	36	2.8		+6	255.9	25.99	3579.14	213.67		-2.55	237.12	
		6N	76	604.3	34	2.6		+6	262.8	26.70	3589.19	213.08		-2.53	237.25	
		5N	81	610.2	28	2.2		+7	268.4	27.26	3559.39	212.50		-2.51	237.25	
		4N	86	612.6	32	2.5		+7	271.1	27.54	3555.31	212.25		-2.49	237.30	
		3N	91	610.0	30	2.3		+7	268.3	27.25	3560.75	212.58		-2.47	237.36	
		2N	97	609.0	32	2.5		+8	267.6	27.18	3563.33	212.73		-2.45	237.46	
		1N	102	610.5	32	2.5		+8	269.1	27.34	3562.55	212.68		-2.43	237.59	
	B.K.	0	107	612.7	37	2.9		+9	276.8	28.12	3550.78	211.98		-2.41	237.69	
< 72E		15	112	612.4	35	2.8		+9	276.4	28.08	3551.68	212.04		-2.39	237.72	
		25	119	630.0	39	3.0		+1.0	289.3	29.39	3528.41	210.65		-2.37	237.66	
		35	124	634.4	30	2.3		+1.0	293.0	29.76	3520.26	210.16		-2.35	237.57	
		45	127	631.1	32	2.5		+1.0	289.9	29.45	3527.28	210.58		-2.33	237.70	
		55	130	624.8	35	2.7		+1.1	283.9	28.84	3537.98	211.22		-2.31	237.75	
		65	133	615.9	32	2.5		+1.1	274.8	27.91	3535.57	212.27		-2.29	237.89	
		75	136	604.4	42	3.2		+1.1	264.0	26.82	3574.41	213.39		-2.27	237.94	

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. W-220 DATE JULY 9, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

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PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE

OPERATOR

INSTRUMENT

INSTR. CONSTANT

/0158

LATITUDE

CHECKED

Remarks (.08/6327)	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho = .0591$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
LAST STATION		8S	140	591.6	32	2.5		+1.1	250.5	25.45	3599.55	214.89		-2.25	238.09	
L64E	B.S.#4	2N	147	507.4	38	2.9	-344.7	+1.2	166.8	16.94						
L64E	B.S.#4	2N	0	507.4	38	2.9	-343.5	-27.25	166.8	16.94	3742.46	223.42		-2.58	237.79	
		3N	4	512.3	42	3.2		0	172.0	17.47	3733.25	222.88		-2.60	237.75	
		4N	8	513.6	38	2.9		0	173.0	17.57	3728.65	222.60		-2.62	237.55	
		5N	11	509.0	41	3.2		-1	168.6	17.13	3736.63	223.08		-2.64	237.56	
		6N	14	503.5	38	2.9		-1	162.8	16.54	3745.91	223.63		-2.66	237.51	
		7N	19	495.8	36	2.8		-1	155.0	15.74	3757.66	224.33		-2.68	237.40	
		8N	22	487.9	40	3.1		-1	147.4	14.97	3769.39	225.03		-2.70	237.31	
		9N	26	499.8	38	2.9		-1	159.1	16.16	3749.20	223.83		-2.72	237.27	
(.0054054)		10N	30	513.6	35	2.7		-1.2	172.6	17.53	3723.12	222.27		-2.74	237.06	
		11N	35	513.3	33	2.5		-1.2	172.1	17.48	3720.68	222.12		-2.76	236.84	
		12N	40	526.0	32	2.5		-1.2	184.8	18.77	3700.75	220.93		-2.78	236.92	
		13N	44	531.0	36	2.8		-1.2	190.1	19.31	3690.48	220.32		-2.81	236.82	
		14N	47	545.6	33	2.5		-1.3	204.3	20.75	3664.44	218.77		-2.83	236.69	
		15N	53	556.4	36	2.8		-1.3	215.4	21.88	3644.75	217.59		-2.85	236.62	
		16N	57	564.2	29	2.2		-1.3	222.6	22.61	3631.77	216.82		-2.87	236.56	
		17N	63	569.0	33	2.5		-1.3	227.7	23.13	3622.73	216.28		-2.89	236.52	
		18N	68	573.2	34	2.6		-1.4	231.9	23.56	3614.51	215.79		-2.91	236.44	
		19N	73	577.7	32	2.5		-1.4	236.3	24.00	3605.11	215.23		-2.93	236.30	
		20N	78	584.0	32	2.5		-1.4	242.6	24.64	3590.62	214.36		-2.95	236.05	
		21N	82	588.6	35	2.7		-1.4	247.4	25.13	3580.30	213.74		-2.97	235.90	
		22N	89	589.5	36	2.8		-1.5	248.3	25.22	3575.74	213.47		-2.99	235.70	
	B.S.#	TL40E	111	452.0	38	2.9	-343.5	-0.6	110.8	11.26				-2.77		

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GRAVITY DATA

JOB No.

DATE JUNE 18

OPERATOR TIM KIRBY

INSTRUMENT

INSTR. CONSTANT .10158

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.64 E.	BS #4	2-N	0	507.8	45	3.5	-344.5	0	166.8		3742.46			-2.58		
		1-N	7	507.4	39	3.0		0	165.9	16.85	3743.98	223.52		-2.56	237.81	
		B.L.O.	11	511.9	41	3.2		-0.1	170.5	17.32	3738.02	223.16		-2.54	237.94	
		1-S	16	514.2	45	3.5		-0.1	173.1	17.58	3734.44	222.95		-2.52	238.01	
		2-S	22	512.3	42	3.2		-0.2	170.8	17.35	3738.14	223.18		-2.50	238.03	
		3-S	27	511.0	43	3.3		-0.2	169.6	17.23	3741.45	223.36		-2.48	238.11	
		4-S	31	512.2	36	2.8		-0.3	170.2	17.29	3740.79	223.33		-2.46	238.16	
		5-S	35	516.2	37	2.9		-0.3	174.3	17.70	3734.17	222.93		-2.44	238.19	
		6-S	40	521.9	40	3.1		-0.3	180.2	18.30	3726.56	222.48		-2.42	238.36	
very shaky		7-S	48	511.2	47	3.6		-0.4	169.9	17.26	3729.84	222.67		-2.40	237.53	
		8-S	54	507.0	47	3.6		-0.4	165.7	16.83	3751.45	223.96		-2.38	238.38	
		9-S	59	492.4	37	2.9		-0.5	150.3	15.27	3778.30	225.56		-2.36	238.47	
		10-S	65	471.9	40	3.1		-0.5	130.0	13.21	3811.39	227.54		-2.34	238.41	
(.0083333)		11-S	71	474.3	43	3.3		-0.6	132.5	13.46	3808.78	227.38		-2.32	238.52	
		12-S	75	473.4	40	3.1		-0.6	131.4	13.35	3812.21	227.59		-2.30	238.64	
		13-S	80	464.0	43	3.3		-0.7	122.1	12.40	3827.23	228.49		-2.28	238.61	
		14-S	84	455.0	44	3.4		-0.7	113.2	11.50	3843.29	229.44		-2.26	238.68	
		15-S	88	446.8	44	3.4		-0.7	105.0	10.67	3856.43	230.23		-2.24	238.66	
		16-S	93	441.5	41	3.2		-0.8	99.4	10.10	3864.60	230.72		-2.22	238.60	
		17-S	97	439.8	43	3.3		-0.8	97.8	9.93	3871.81	231.15		-2.20	238.88	
		18-S	101	437.7	42	3.2		-0.8	95.6	9.71	3876.89	231.45		-2.18	238.98	
		19-S	105	435.1	38	2.9		-0.9	92.6	9.41	3882.11	231.76		-2.16	239.01	
L.64 E. 20-S	BS #17	20-S	108	432.2	42	3.2	-344.5	-0.9	90.0	9.14	3886.96	232.05		-2.14	239.05	

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GRAVITY DATA

JOB No.

DATE JUNE 18

OPERATOR C. CHANG

INSTRUMENT

INSTR. CONSTANT

10158

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L 64 E	B.S. #17	20 S	0	431.9	42	3.2	-345.1	0	90.0							
L 56 E		20 S	13	409.3	41	3.2		-0.1	67.3	6.84	3930.63	234.66	-2.25	239.25		
		19 S	17	407.0	42	3.2		-0.3	64.8	6.58	3933.06	234.80	-2.27	239.11		
		18 S	20	401.7	40	3.1		-0.3	59.4	6.03	3940.26	235.23	-2.30	238.96		
		17 S	24	410.3	43	3.3		-0.4	68.1	6.92	3926.37	234.40	-2.32	239.00		
		16 S	28	420.3	40	3.1		-0.5	77.8	7.90	3910.27	235.44	-2.34	239.00		
		15 S	34	428.8	41	3.2		-0.6	86.3	8.77	3898.00	232.71	-2.36	239.12		
		14 S	38	430.8	40	3.1		-0.6	88.2	8.96	3893.02	232.41	-2.38	238.99		
		13 S	42	435.5	43	3.3		-0.7	93.0	9.45	3869.10	230.99	-2.40	238.04		
		12 S	45	440.8	41	3.2		-0.7	98.2	9.98	3875.32	231.36	-2.42	238.92		
		11 S	50	449.3	38	2.9		-0.8	106.3	10.80	3860.53	230.47	-2.44	238.83		
(-0.0161904)		10 S	54	453.3	36	2.8		-0.9	110.1	11.18	3852.56	230.00	-2.46	238.72		
		9 S	57	450.3	43	3.3		-0.9	107.6	10.93	3856.83	230.25	-2.48	238.70		
		8 S	61	446.1	40	3.1		-1.0	103.1	10.41	3863.03	230.62	-2.50	238.59		
		7 S	66	445.7	41	3.2		-1.1	102.7	10.43	3862.92	230.62	-2.52	238.53		
		6 S	69	444.3	37	2.9		-1.1	101.0	10.26	3865.92	230.80	-2.54	238.52		
		5 S	74	438.0	36	2.8		-1.2	94.5	9.60	3875.45	231.36	-2.56	238.40		
		4 S	77	426.4	37	2.9		-1.2	83.0	8.43	3892.48	232.38	-2.58	238.23		
		3 S	80	419.3	39	3.0		-1.3	75.9	7.71	3903.56	233.04	-2.60	238.15		
		2 S	84	417.9	39	3.0		-1.4	74.4	7.56	3901.64	232.93	-2.62	237.87		
		1 S	88	406.8	40	3.1		-1.4	63.4	6.44	3918.17	233.91	-2.64	237.71		
55+98 E		B.L. 0	93	411.3	39	3.0		-1.5	67.7	6.88	3911.02	233.49	-2.66	237.71		
	B.S. #4		105	510.7	37	2.9	-345.1	-1.7	166.8							

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GRAVITY DATA

JOB No.

DATE JUNE 18

OPERATOR TIM KIRBY

INSTRUMENT

INSTR. CONSTANT .10/58

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L.72 E	B.S.#4		0	509.9	37	2.9	-346.0	0	166.8							
		B.L. 0	16	620.2	41	3.2		0	277.4	28.18	3550.78	211.98		-2.41	237.75	
		1-S	20	620.3	42	3.2		-0.1	277.4	28.18	3551.68	212.04		-2.39	237.83	
		2-S	23	633.4	37	2.9		-0.2	290.1	29.47	3528.41	210.65		-2.37	237.75	
		3-S	27	637.0	39	3.0		-0.2	293.8	29.84	3520.26	210.16		-2.35	237.29	
		4-S	31	633.7	42	3.2		-0.2	290.7	29.53	3527.28	210.58		-2.33	237.78	
		5-S	35	627.0	41	3.2		-0.2	284.0	28.85	3537.98	211.22		-2.31	237.76	
		6-S	38	618.3	43	3.3		-0.2	276.0	27.93	3555.57	212.27		-2.29	237.91	
shaky		7-S	45	608.0	42	3.2		-0.3	264.9	26.91	3574.41	213.39		-2.27	238.03	
		8-S	49	593.9	39	3.0		-0.3	250.6	25.46	3599.55	214.89		-2.25	238.10	
		9-S	53	575.1	41	3.2		-0.3	232.0	23.57	3632.33	216.85		-2.23	238.19	
		10-S	58	563.2	40	3.1		-0.4	219.9	22.34	3654.53	218.18		-2.21	238.31	
		11-S	62	550.1	43	3.3		-0.4	207.0	21.03	3677.15	219.53		-2.19	238.37	
		12-S	65	535.2	42	3.2		-0.4	192.0	19.50	3703.81	221.12		-2.17	238.45	
(-0.0065420)		13-S	68	523.0	42	3.2		-0.4	179.8	18.26	3726.00	222.44		-2.15	238.55	
		14-S	72	513.8	42	3.2		-0.5	170.5	17.32	3742.04	223.40		-2.13	238.59	
		15-S	75	505.4	43	3.3		-0.5	162.2	16.48	3757.70	224.33		-2.11	238.70	
		16-S	78	497.7	44	3.4		-0.5	154.6	15.70	3771.62	225.17		-2.09	238.78	
		17-S	81	493.1	40	3.1		-0.5	149.7	15.21	3779.73	225.65		-2.06	238.80	
		18-S	85	489.4	43	3.3		-0.6	146.1	14.84	3787.60	226.12		-2.04	238.92	
		19-S	89	485.6	48	3.7		-0.6	142.7	14.50	3794.05	226.50		-2.02	238.98	
		20-S	93	481.7	42	3.2		-0.6	138.3	14.05	3802.20	226.99		-2.00	239.04	
	B.S.#11		107	433.4	43	3.3	-346.0	-0.7	90.0							

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P= Elev. Corr.	Lati- tude	Latitude Corr.	P= Bouguer Gravity
	B.S. #2-A		0	652.6	84	2.7	-510.6	0	+144.7						
L-56E		59-S	16	668.0	35	2.7		+1.2	+160.3	16.07	3777.1211	225.50		-1.46	240.11
	59	60-S	19	674.0	84	2.7		+1.2	+160.3	16.07	3768.25	224.96		-1.44	240.15
OLD NAIL	60	60-S	22	679.3	35	2.7		+1.2	+171.6	17.20	3768.10	224.96		-1.44	240.72
		61-S													
	61	62-S	26	700.0	36	2.8		+1.3	+192.5	19.30	3735.79	223.03		-1.42	240.91
	62	63-S	30	708.9	34	2.7		+1.3	+201.3	20.18	3721.75	222.19		-1.40	240.97
	63	64-S	34	692.0	5	2.7		+1.4	+184.5	18.49	3748.87	223.81		-1.38	240.92
	64	65-S	38	679.4	32	2.5		+1.4	+171.7	17.21	3763.37	224.67		-1.36	240.52
	65	65-S	42	689.3	33	2.6		+1.5	+181.8	18.22	3748.65	223.79		-1.34	240.67
699.7	66	68-S	45	709.9	36	2.8		+1.5	+202.6	20.31	3730.97	222.74		-1.32	240.73
	67	68-S	49	719.4	36	2.8		+1.5	+212.1	21.26	3703.06	221.07		-1.30	241.03
(0.0010610)	68	69-S	52	727.3	35	2.7		+1.6	+220.0	22.05	3690.07	220.30		-1.28	241.07
	69	70-S	56	740.5	39	3.1		+1.6	+233.6	23.42	3666.34	218.88		-1.26	241.04
	70	71-S	60	751.7	35	2.7		+1.6	+244.4	24.50	3646.55	217.70		-1.24	240.96
	71	72-S	64	759.6	37	2.9		+1.7	+252.6	25.32	3632.70	216.87		-1.22	240.97
	72	73-S	68	769.5	40	3.1		+1.7	+262.7	26.33	3617.16	215.94		-1.20	241.07
			70	711.6	35	2.7		+1.8	+204.5	20.50					
	B.S. #25		74	770.7	31	2.4	-510.6	+0.8	+263.3						

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.	DATE	OPERATOR	INSTRUMENT	INSTR. CONSTANT	LATITUDE	CHECKED
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Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P= Elev. Corr.	Lati- tude	Latitude Corr.	P= Bouguer Gravity
	B.S.#4		0	509.9	35	2.7	-345.7	0	166.9						
L-48E		BL-O	28	388.8	39	3.0		0	46.10	4.68	3959.70	236.39		-2.78	238.29
		1-N	32	392.7	36	2.8		0	49.80	5.06	3952.90	235.99		-2.80	238.24
		2-N	35	398.5	36	2.8		0	55.60	5.64	3943.41	235.42		-2.82	238.25
		3-N	39	389.5	38	2.9		0	46.70	4.74	3954.62	236.09		-2.81	237.99
		4-N	47	413.5	31	2.4		0	70.20	7.13	3915.26	233.74		-2.86	238.01
		5-N	43	420.9	36	2.8		-1	77.90	7.91	3903.56	233.04		-2.88	238.07
		6-N	52	424.6	36	2.8		-1	81.6	8.28	3896.13	232.60		-2.91	237.97
		7-N	55	424.7	37	2.9		-1	81.8	8.30	3894.58	232.51		-2.93	237.88
		8-N	58	421.7	37	2.9		-1	78.8	8.00	3898.05	232.71		-2.95	237.76
		9-N	61	430.4	38	2.9		-1	87.50	8.88	3881.32	231.71		-2.97	237.63
C/H	—	10-N	NO READING	—	—	—		-1			3899.73			-2.99	
		11-N	66	419.0	36	2.8		-1	76.00	7.72	3900.51	232.86		-3.01	237.57
		12-N	70	422.0	36	2.8		-1	79.00	8.02	3895.84	232.58		-3.03	237.57
		13-N	74	416.0	35	2.7		-1	72.90	7.40	3904.63	233.11		-3.05	237.45
		14-N	78	412.0	37	2.9		-1	69.1	7.02	3909.64	233.41		-3.08	237.34
		14-N	82	406.5	39	3.0		-1							
	B.S.#3		94	414.8	37	2.9	-345.7	-0.1	71.9						

PAGE No. 7

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. W-220 DATE JULY 9, 76 OPERATOR C. CHAN

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. #24		0	599.6	33	2.6	-511.0	0	+91.2							
L-48E		59-S	14	669.5	34	2.7		0	+161.2	+16.16	3788.85	226.19		-1.60	240.75	
		60-S	17	673.5	32	2.5		0	+165.0	+16.54	3781.11	225.73		-1.58	240.68	
		61-S	20	682.5	33	2.6		0	+174.1	17.45	3765.19	224.78		-1.56	240.67	
		62-S	23	694.3	34	2.7		0	+186.0	18.64	3745.46	223.60		-1.54	240.71	
		63-S	26	703.5	32	2.5		0	+195.0	19.55	3728.81	222.61		-1.52	240.64	
		64-S	30	716.2	33	2.6		0	+207.8	20.83	3707.58	221.3		-1.50	240.63	
		65-S	33	727.3	31	2.4		+0.1	+218.8	21.93	3689.03	220.24		-1.48	240.69	
		66-S	37	740.6	30	2.3		+0.1	+232.0	23.26	3667.69	218.96		-1.46	240.76	
(0.0016)		67-S	40	743.8	33	2.6		+0.1	+235.5	23.61	3666.41	218.88		-1.44	241.05	
		68-S	44	742.6	34	2.7		+0.1	+234.4	23.50	3667.55	218.95		-1.42	241.03	
		69-S	47	743.9	31	2.4		+0.1	+235.4	23.60	3664.56	218.77		-1.40	240.97	
		70-S	51	743.5	31	2.4		+0.1	+235.0	23.56	3661.49	218.59		-1.38	240.77	
		71-S	54	742.8	33	2.6		+0.1	+234.5	23.51	3659.63	218.48		-1.36	240.63	
TL-78S		72-S	58	755.2	34	2.7		+0.1	+247.0	24.76	3637.75	217.17		-1.34	240.59	
		L-50E	62	755.8	32	2.5		+0.1	+247.4	24.80	3643.26	217.50		-1.31	240.99	
		L-52E	64	759.9	37	2.9		+0.1	+251.9	25.25	3635.07	217.01		-1.27	240.99	
		L-54E	68	769.8	38	3.0		+0.1	+261.9	26.25	3619.13	216.06		-1.24	241.07	
		L-56E	72	773.6	31	3.1		+0.1	+265.8	26.64	3610.80	215.56		-1.21	240.99	
INTER		L-58E	77	772.5	36	2.8		+0.1	+264.4	26.50	3613.51	215.73		-1.19	241.04	
≈ 15 FT. ADAPT	B.S. #25		82	770.9	37	2.9		+0.1	+262.9	26.35						
		L-58E	86	770.5	34	2.7		+0.1	+262.3	26.29	3614.32	215.77		-1.18	240.88	
		L-60E	90	762.1	32	2.5		+0.1	+253.7	25.43	3636.11	217.08		-1.14	241.37	
		L-62E	94	756.9	38	3.0		+0.2	+249.1	24.97	N.R.				N.R.	
		62E	98	751.4	39	3.1		+0.2	+243.7	24.43	3652.89	218.00		-1.11	241.40	

CHECKED

[illegible]

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

PAGE No. JOB No. DATE JUNE 11 OPERATOR TIM KIRBY INSTRUMENT INSTR. CONSTANT .10159 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr. .0547	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
	B.S.#3		0	420.1	28	2.2	-350.4	0	71.9							
L40-E		16-N	4	420.3	28	2.2		0	72.1	7.32	3902.19	232.96		-3.22	237.62	
		15-N	8	420.4	29	2.2		0	72.2	7.33	3902.63	232.99		-3.20	237.12	
		14-N	13	425.2	26	2.0		0	76.8	7.80	3894.55	232.50		-3.18	237.13	
		13-N	17	421.5	28	2.2		0	73.3	7.45	3903.16	233.02		-3.16	237.30	
		12-N	22	419.4	27	2.1		0	71.1	7.22	3907.60	233.28		-3.14	237.37	
		11-N	26	416.7	31	2.4		0	68.7	6.98	3913.81	233.65		-3.12	237.51	
		10-N	30	414.4	28	2.2		0	66.2	6.72	3917.95	233.90		-3.10	237.53	
		9-N	33	415.2	31	2.4		0	67.2	6.83	3917.59	233.88		-3.08	237.63	
		8-N	37	413.8	30	2.3		0	65.7	6.67	3919.73	234.01		-3.06	237.62	
		7-N	41	426.3	29	2.2		0	78.1	7.93	3898.76	232.76		-3.04	237.65	
		6-N	46	426.2	29	2.2		+1	78.1	7.93	3901.56	232.92		-3.02	237.84	
		5-N	52	425.5	28	2.2		+1	77.4	7.86	3903.52	233.04		-3.00	237.90	
		4-N	56	425.7	29	2.2		+1	77.6	7.88	3904.89	233.12		-2.98	238.02	
		3-N	60	424.7	28	2.2		+1	76.6	7.78	3907.25	233.26		-2.96	238.08	
SWAMP VERY SHAKY		2-N	77	424.0	25	1.9		+1	75.6	7.68	3908.68	233.35		-2.94	238.09	
SWAMP - SHAKY		1-N	83	424.0	25	1.9		+1	75.6	7.68	3909.47	233.40		-2.92	238.15	
B.L.O.	B.S.#14		90	423.6	29	2.2	-350.4	+1	75.5	7.67	3909.16	233.38		-2.90	238.15	
BLD-L 322		B.L.	0	439.8	32	2.5	-350.6	0	91.7	9.31	3880.60	231.67		-3.02	237.97	
		1-N	6	439.0	27	2.1		0	90.5	9.19	3882.68	231.80		-3.04	237.95	
		2-N	11	434.5	31	2.4		0	86.3	8.77	3887.71	232.10		-3.06	237.80	
		3-N	17	445.3	32	2.5		+1	97.3	9.88	3868.81	230.97		-3.08	237.77	
SHAKY		4-N	22	444.5	27	2.1		+1	96.1	9.76	3871.04	231.10		-3.10	237.76	
		5-N	28	436.8	28	2.2		+1	88.5	8.99	3880.46	231.66		-2.12	237.53	
		6-N	32	436.6	26	2.0	-350.6	+1	88.1	8.95	3881.62	231.73		-3.14	237.54	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date JUNE 11 Operator TIM KIRBY Instrument Instr. Constant .70158 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	^{350.6} Dri- ft	Corr. Reading	Drift In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lat- tude	Lat- tude Corr.	Bouguer Gravity
L-32-E		7-N	37	430.4	26	2.0	+1	81.9		8.32	3883.30	231.83		-3.16	236.99
		8-N	42	432.1	28	2.2	+2	83.9		8.52	3884.61	231.91		-3.18	237.25
		9-N	47	430.8	31	2.4	+2	82.8		8.41	3885.78	231.98		-3.20	237.19
		10-N	52	428.8	32	2.5	+2	80.9		8.22	3889.98	232.23		-3.22	237.23
		11-N	55	424.8	30	2.3	+2	76.7		7.79	3895.48	232.56		-3.24	237.11
		12-N	60	414.4	29	2.2	+2	66.2		6.72	3911.82	233.54		-3.26	237.00
		13-N	63	403.2	29	2.2	+2	55.0		5.59	3930.31	234.64		-3.28	236.95
(.036/446)		14-N	67	400.4	28	2.2	+2	52.2		5.30	3934.47	234.89		-3.30	236.89
		15-N	73	406.2	29	2.2	+3	58.1		5.90	3922.72	234.19		-3.32	236.77
		16-N	78	396.1	28	2.2	+3	48.0		4.88	3941.39	235.30		-3.34	236.84
	BS#		83	420.2	26	2.0	^{350.6} +3	71.9		7.	~~3942.73~~			~~-3.36~~	
				^{serv} 401.5 18.7											
L48-E		14-N	7	412.3	29	2.2	+1	63.3	6.43		3909.64	233.41		-3.08	236.76
		13-N	3	420.9	30	2.3	+0.1	72.1	7.3		3904.63	233.11		-3.06	237.38
shaky		12-N	8	427.5	32	2.5	+0.1	78.9	8.01		3895.84	232.58		-3.03	237.56
		11-N	12	418.2	24	1.9	+0.2	69.1	7.02		3900.51	232.86		-3.01	236.81
NO HOLE & NAIL	OR PICKET	10-N									3899.73	232.81		-2.99	
		9-N	21	429.7	30	2.3	+0.4	81.2	8.25		3881.32	231.71		-2.97	236.99
		8-N	27	421.2	30	2.3	+0.5	72.8	7.40		3898.05	232.71		-2.95	237.16
		7-N	31	424.3	30	2.3	+0.6	76.0	7.72		3894.58	232.51		-2.93	237.30
		6-N	36	424.1	29	2.2	+0.6	75.7	7.69		3896.13	232.60		-2.91	237.38
		5-N	41	419.9	29	2.2	+0.7	71.6	7.27		3903.56	233.04		-2.88	237.43
		4-N	45	412.2	30	2.3	+0.8	64.1	6.51		3915.26	233.74		-2.86	237.39
		3-N	51	389.1	31	2.4	+0.9	41.2	4.19		3954.62	236.09		-2.84	237.44
		2-N	55	398.0	31	2.4	+1.0	50.2	5.10		3943.41	235.42		-2.82	237.70

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE July 19/76 OPERATOR E. M.

INSTRUMENT

INSTR. CONSTANT .10024 LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 48-E	RS #24		0	606.9	33	2.6	-518.3	0	91.2							
		42-S	4	618.9	26	2.0		0	102.6	10.28	3885.08	231.94		-1.94	240.28	
INT - OLD - 18445 + 40 + 85 - 3		OLD INT	11	616.8	28	2.2		0	100.7	10.09	3886.78	232.04		-1.97	240.16	
								0								
OLD NAAL		40-S	13	599.6	29	2.3		0	83.6	8.38	3914.79	233.71		-1.98	240.11	
		39-S	16	596.1	32	2.5		0	80.3	8.05	3920.94	234.08		-2.00	240.13	
		38-S	19	601.4	27	2.1		0	85.2	8.54	3912.63	233.58		-2.00	240.50	
		37-S	21	596.7	30	2.3		0	80.7	8.09	3919.88	234.00		-2.01	240.07	
		36-S	23	596.9	31	2.4		0	81.0	8.12	3919.39	233.99		-2.02	240.05	
SHAKY		35-S	26	597.4	25	2.0		0	81.1	8.13	3918.46	233.93		-2.08	239.98	
		34-S	29	596.9	26	2.0		0	80.6	8.08	3920.01	234.02		-2.10	240.00	
		33-S	32	598.9	26	2.0		0	74.6	7.48	3921.31	234.10		-2.12	239.46	*
		32-S	34	594.5	29	2.3		0	78.5	7.87	3923.43	234.23		-2.14	239.96	
		31-S	37	593.7	28	2.2		0	77.6	7.78	3924.58	234.30		-2.16	239.92	
		30-S	39	590.8	32	2.5		0	75.0	7.52	3928.00	234.50		-2.18	239.84	
		29-S	42	588.8	30	2.3		0	72.8	7.30	3930.78	234.66		-2.20	239.76	
		28-S	44	587.9	31	2.4		0	72.0	7.22	3932.15	234.76		-2.22	239.75	
		27-S	47	586.4	31	2.4		0	70.5	7.07	3934.67	234.90		-2.24	239.73	
		26-S	49	583.2	29	2.3		0	67.2	6.74	3939.15	235.17		-2.26	239.64	
		25-S	51	580.7	31	2.4		0	64.8	6.50	3942.43	235.36		-2.28	239.58	
		24-S	54	579.3	32	2.5		0	63.5	6.37	3944.18	235.47		-2.30	239.53	
		23-S	57	581.3	33	2.6		0	65.6	6.58	3941.23	235.29		-2.32	239.55	
		22-S	59	580.9	29	2.3		0	64.9	6.51	3941.38	235.30		-2.34	239.47	
INT - 21 + 20 LIFE		21-S	63	579.0	28	2.2		0	62.9	6.31	3944.02	235.46		-2.36	239.40	

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

July 19/76

OPERATOR

J.H.

INSTRUMENT

INSTR. CONSTANT

10014

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Latitude Corr.	ρ = Bouguer Gravity	
INTL 20 + 100 S		48+00	67	579.3	33	2.6	-5183	0	63.6	6.38	3941.93	235.33	-2.38	239.33	
LINE 56 E		19-S	77	584.5	34	2.7		0	65.9	6.61	3933.06	234.80	-2.27	239.14	
		20-S	80	584.0	30	2.3		0	68.0	6.82	3930.68	234.66	-2.25	239.22	
		21-S	82	583.6	33	2.6		0	67.9	6.81	3931.08	234.69	-2.23	239.26	
		22-S	86	584.1	32	2.5		0	68.3	6.85	3930.69	234.66	-2.21	239.30	
		23-S	88	585.3	32	2.5		0	69.5	6.97	3928.97	234.56	-2.19	239.34	
		24-S	90	586.1	30	2.3		0	70.1	7.03	3928.53	234.53	-2.17	239.39	
		25-S	93	588.1	31	2.4		0	72.2	7.24	3925.37	234.34	-2.15	239.43	
		26-S	96	588.4	30	2.3		0	72.4	7.26	3924.86	234.31	-2.13	239.44	
		27-S	98	587.5	29	2.3		0	71.5	7.17	3926.57	234.42	-2.11	239.47	
		28-S	101	591.2	34	2.7		0	75.6	7.58	3921.06	234.09	-2.09	239.58	
		29-S	104	591.4	35	2.7		0	75.8	7.60	3920.22	234.04	-2.07	239.59	
		30-S	106	593.3	28	2.2		0	77.2	7.74	3917.85	233.90	-2.05	239.58	
		31-S	109	594.4	30	2.3		0	78.4	7.86	3915.63	233.76	-2.03	239.59	
		32-S	112	595.5	31	2.4		0	79.6	7.98	3913.94	233.66	-2.01	239.63	
		33-S	115	599.8	32	2.5		0	84.0	8.42	3906.96	233.25	-1.99	239.68	
		34-S	118	604.7	31	2.4		0	88.8	8.90	3899.17	232.78	-1.97	239.71	
		35-S	121	605.1	29	2.3		0	89.1	8.93	3898.10	232.72	-1.95	239.70	
		36-S	124	606.3	31	2.4		0	90.4	9.06	3896.27	232.61	-1.93	239.74	
		37-S	126	615.9	29	2.3		0	99.9	10.01	3880.03	231.64	-1.91	239.74	
		38-S	124	632.5	29	2.3		0	116.5	11.68	3852.83	230.01	-1.89	239.80	
		39-S	127	642.4	33	2.6		0	126.7	12.70	3838.42	229.15	-1.87	239.98	
		40-S	130	641.1	32	2.5		0	125.3	12.56	3837.75	229.11	-1.85	239.82	
OLD INTO 40+30. SHAKY			133	642.7	23	1.8		0	126.2	12.65					

FINISH TL 40-S

2 (45)

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

11/07/76

OPERATOR

TIN KIRBY

INSTRUMENT

INSTR. CONSTANT

.10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 56-E	BS#4		10	355.1	29	2.3	-188.4	0	+169.0							
	LS62	22N	23	394.7	36	2.8		-0.4	208.7	20.92	3647.07	217.73		-3.11	235.54	
		21+44N	30	389.4	33	2.6		-0.5	203.1	20.36	3664.83	218.79		-3.09	236.06	
		20+45N	36	377.1	32	2.5		-0.6	190.6	19.11	3687.76	220.16		-3.07	236.20	
		19+48N	41	365.2	34	2.7		-0.6	178.9	17.93	3709.58	221.46		-3.05	236.34	
		18+40N	45	350.0	36	2.8		-0.7	163.7	16.41	3737.63	223.14		-3.03	236.52	
		17+47N	51	335.6	36	2.8		-0.8	149.2	14.96	3760.32	224.49		-3.01	236.44	
		16+36N	55	315.6	35	2.7		-0.9	129.0	12.93	3795.04	226.56		-2.99	236.50	
		15+50N	60	290.9	31	2.4		-0.9	104.0	10.42	3834.64	228.93		-2.97	236.38	
		14N	70	260.4	38	3.0		-1.1	73.9	7.41	3890.91	232.29		-2.94	236.76	
		13N	75	263.6	32	2.5		-1.2	76.5	7.67	3888.79	232.16		-2.92	236.91	
		12+44N	78	268.2	34	2.7		-1.2	81.3	8.15	3883.33	231.83		-2.91	237.07	
		12N	82	284.2	36	2.8		-1.3	97.3	9.75	3859.57	230.42		-2.90	237.27	
(-0.015 sec)		11N	86	287.3	38	3.0		-1.3	95.6	9.58	3862.26	230.58		-2.88	237.28	
		10N	90	292.5	36	2.8		-1.4	105.5	10.58	3848.30	229.74		-2.86	237.46	
		9N	95	292.9	30	2.3		-1.5	105.3	10.56	3846.67	229.65		-2.84	237.37	
		8N	99	277.2	34	2.7		-1.5	90.0	9.02	3870.54	231.07		-2.82	237.27	
		7N	104	255.0	38	3.0		-1.6	68.0	6.82	3906.34	233.21		-2.80	237.23	
		6N	108	243.4	32	2.5		-1.7	55.8	5.59	3923.88	234.26		-2.78	237.07	
		5N	113	229.3	34	2.7		-1.8	41.8	4.19	3948.01	235.70		-2.76	237.13	
		4N	116	222.9	38	3.0		-1.8	45.7	4.58	3942.78	235.38		-2.74	237.22	
		3N	119	240.1	36	2.8		-1.8	52.7	5.28	3933.88	234.85		-2.72	237.41	
		2N	123	235.3	35	2.7		-1.9	47.7	4.78	3941.57	235.31		-2.70	237.39	
		1N	127	251.5	35	2.7		-2.0	63.8	6.40	3919.66	234.00		-2.68	237.72	
		B.L.O.	130	257.4	35	2.7		-2.0	69.7	6.99	3910.53	233.46		-2.66	237.79	

BS#4

148

357.45

2.8

2.2

-188.4

-2.3

+169.0

CHECKED

✓46

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

JOB. No.

DATE June 19.

OPERATOR Carleton

INSTRUMENT

INSTR. CONSTANT .10158

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L 64 E	B.S. #17	20-S	0	434.8	41	3.7	-349.1	0	88.8							
L 48 E		20-S	27	408.1	42	3.2										
L 60 E	B.S. 18	20-S	45	414.1	41	3.7	-349.1	0	68.1	0						
L 64 E	B.S. 17	20-S	80	434.7	42	3.2		0								
L 48 E	B.S. 18	20-S	115	408.2	42	3.2										
L 40 E	B.S. #	20-S	0	416.2	30	2.3	-350.4	0	68.1	6.92	3937.07	235.04		-2.49	239.47	
		19-S	4	415.9	29	2.2		+1	67.8	6.89	3938.52	235.13		-2.51	239.51	
		18-S	7	413.5	29	2.2		+1	65.4	6.64	3940.23	235.23		-2.53	239.34	
		17-S	11	413.1	31	2.4		+2	65.3	6.64	3940.10	235.22		-2.55	239.31	
		16-S	15	412.0	31	2.4		+2	64.2	6.52	3941.42	235.30		-2.58	239.24	
		15-S	19	411.4	27	2.1		+3	63.4	6.44	3942.41	235.36		-2.60	239.20	
		14-S	24	413.8	32	2.5		+3	66.2	6.72	3937.34	235.06		-2.62	239.16	
		13-S	28	413.6	30	2.3		+4	65.9	6.69	3937.18	235.05		-2.64	239.10	
		12-S	32	414.3	32	2.5		+5	65.9	6.69	3935.32	234.94		-2.66	238.97	
		11-S	36	418.3	32	2.5		+5	70.9	7.20	3927.58	234.48		-2.68	239.00	
		10-S	40	417.5	29	2.2		+6	69.9	7.10	3927.36	234.46		-2.70	238.86	
shaking		9-S	49	418.2	28	2.2		+7	70.7	7.18	3925.63	234.36		-2.72	238.82	
		8-S	54	418.1	30	2.3		+8	70.8	7.19	3925.49	234.35		-2.74	238.80	
		7-S	59	419.4	28	2.2		+8	72.0	7.31	3922.25	234.16		-2.76	238.71	
		6-S	63	419.6	27	2.1		+9	72.2	7.33	3921.50	234.11		-2.78	238.66	
		5-S	67	420.2	26	2.0		+10	72.8	7.40	3921.59	234.12		-2.80	238.72	
		4-S	75	419.7	26	2.0		+11	72.4	7.35	3924.29	234.28		-2.82	238.81	
		3-S	78	418.3	30	2.3		+11	71.3	7.24	3923.25	234.22		-2.84	238.62	
		2-S	82	422.1	31	2.4	-350.4	+12	75.3	7.65	3916.00	233.79		-2.86	238.58	

(47)

JUNE 5

JUNE 6

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

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Job #	Date	Operator	Instrument	Instr. Constant	10158 Latitude	Checked										
Remarks	Base	Station	Time	Reading	HI	HI corr	Dri- ft	Corr. Reading	Drift in Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity	
	B.S.#2		0	394.1	38	2.9	-345.1	+57.3	-							
<u>T.L. 22-N.</u>		INT. 24-E	6	383.7	40	3.1	0	+41.1		4.17	3936.57	235.01		-3.59	235.60	
		26-E	10	385.2	41	3.2	0	+42.7		4.34	3937.14	235.05		-3.56	235.82	
		28-E	14	392.2	43	3.3	0	+49.8		5.06	3926.91	234.44		-3.53	235.97	
		30-E	19	384.7	41	3.2	0	+42.2		4.29	3936.34	235.00		-3.50	235.79	
		32-E	25	406.5	30	2.3	0	+63.1		6.41	3905.49	233.16		-3.46	236.11	
INT - 32+		INT.	26	NA/4			0			2						
		34-E	28	419.3	35	2.1	0	+76.3		7.75	3883.28	231.83		-3.44	236.14	
		36-E	32	433.7	28	2.2	+1	+90.3		9.17	3857.62	230.29		-3.41	236.06	
		38-E	35	442.8	26	2.0	+1	+99.2		10.08	3841.06	229.31		-3.22	236.17	
		40-E	38	453.7	28	2.2	+1	+110.3		11.20	3821.59	228.15		-3.35	236.00	
INT - 40+9 22+00		INT.	41	454.2	27	2.1	-345.7 +1	+110.7	11.24	11.24	3820.96	228.11		-3.34	236.02	
<u>L. 40-E</u>		INT.	41	454.2	27	2.1	+1	+110.7		11.24	3820.96	228.11		-3.34	236.02	
		21-N	50	442.7	30	2.3	+1	+99.4		10.10	3843.94	229.48		-3.35	236.26	
		20-N	53	432.7	28	2.2	+1	+89.0		9.04	3864.37	230.70		-3.30	236.44	
		19-N	56	423.3	30	2.3	+1	+80.0		8.13	3881.55	231.73		-3.28	236.57	
		18-N	59	416.9	27	2.1	+1	+73.4		7.46	3896.06	232.59		-3.26	236.79	
	B.S.#3	17-N	62	415.3	29	2.2	-345.7 +1	+71.9		7.30	3901.13	232.90		-3.24	236.96	
CARLETON READING	B.S.#3		0	415.3	29	2.2	-345.6 0	+71.9								
<u>L. 32-E</u>		17-N	15	380.5	28	2.2	0	+37.1		3.77	3942.93	235.39		-3.36	235.80	✗
<u>rd. 17+20-N.</u>		18-N	22	388.0	27	2.1	0	+44.5		4.52	3944.16	235.46		-3.38	236.80	
		19-N	28	395.3	28	2.2	0	+51.9		5.21	3929.47	234.59		-3.40	236.46	
		20-N	36	393.6	28	2.2	-1	+60.1		5.09	3930.30	234.64		-3.42	236.31	
		21-N	42	401.7	30	2.3	-1	+58.3		5.92	3915.05	235.73		-3.44	236.21	
B.S.#2		NO INTERSECTION	57	394.9	27	2.1	-345.6 -1	+57.3								

CHECKED

[illegible]

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

 JOB No. DATE Aug 3, 76 OPERATOR CHAN INSTRUMENT INSTR. CONSTANT 10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading (-1.6)	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho = 2.7$ Elev. Corr. 0.0547	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	<u>R.S. #3</u>		<u>0</u>	<u>506.5</u>	<u>37</u>	<u>2.9</u>	<u>437.5</u>	<u>0</u>	<u>+71.9</u>							
<u>L-32E</u>	<u>B.S. #14</u>	<u>BL-0</u>	<u>20</u>	<u>523.7</u>	<u>35</u>	<u>2.7</u>	<u>434.7</u>	<u>0</u>	<u>91.7</u>	<u>9.31</u>	<u>3880.65</u>	<u>231.68</u>		<u>-3.02</u>	<u>237.97</u>	
		<u>1-S</u>	<u>24</u>	<u>520.5</u>	<u>39</u>	<u>2.9</u>		<u>0</u>	<u>88.7</u>	<u>9.01</u>	<u>3887.19</u>	<u>232.07</u>		<u>-3.00</u>	<u>238.08</u>	
<u>shaky</u> <u>quartz</u>		<u>2-S</u>	<u>28</u>	<u>522.5</u>	<u>32</u>	<u>2.5</u>		<u>0</u>	<u>90.3</u>	<u>9.17</u>	<u>3884.03</u>	<u>231.89</u>		<u>-2.98</u>	<u>238.07</u>	
		<u>3-S</u>	<u>31</u>	<u>522.6</u>	<u>28</u>	<u>2.2</u>		<u>0</u>	<u>90.1</u>	<u>9.15</u>	<u>3884.81</u>	<u>231.92</u>		<u>-2.96</u>	<u>238.11</u>	
		<u>4-S</u>	<u>34</u>	<u>522.0</u>	<u>38</u>	<u>2.9</u>		<u>0</u>	<u>90.2</u>	<u>9.16</u>	<u>3886.64</u>	<u>232.03</u>		<u>-2.94</u>	<u>238.25</u>	
		<u>5-S</u>	<u>38</u>	<u>522.8</u>	<u>38</u>	<u>2.9</u>		<u>0</u>	<u>91.0</u>	<u>9.24</u>	<u>3887.03</u>	<u>232.06</u>		<u>-2.92</u>	<u>238.38</u>	
		<u>6-S</u>	<u>41</u>	<u>521.0</u>	<u>32</u>	<u>2.5</u>		<u>0</u>	<u>88.8</u>	<u>9.02</u>	<u>3892.61</u>	<u>232.29</u>		<u>-2.90</u>	<u>238.41</u>	
		<u>7-S</u>	<u>44</u>	<u>513.2</u>	<u>34</u>	<u>2.6</u>		<u>0</u>	<u>81.1</u>	<u>8.23</u>	<u>3906.74</u>	<u>233.23</u>		<u>-2.88</u>	<u>238.58</u>	
		<u>8-S</u>	<u>47</u>	<u>512.8</u>	<u>28</u>	<u>2.2</u>		<u>+0.1</u>	<u>80.4</u>	<u>8.16</u>	<u>3909.48</u>	<u>233.40</u>		<u>-2.86</u>	<u>238.70</u>	
		<u>9-S</u>	<u>51</u>	<u>510.3</u>	<u>36</u>	<u>2.8</u>		<u>+0.1</u>	<u>78.5</u>	<u>7.97</u>	<u>3913.30</u>	<u>233.62</u>		<u>-2.84</u>	<u>238.75</u>	
<u>(0.0009523)</u>		<u>10-S</u>	<u>54</u>	<u>508.4</u>	<u>34</u>	<u>2.6</u>		<u>+0.1</u>	<u>76.4</u>	<u>7.76</u>	<u>3918.24</u>	<u>233.92</u>		<u>-2.82</u>	<u>238.86</u>	
		<u>11-S</u>	<u>57</u>	<u>507.2</u>	<u>34</u>	<u>2.6</u>		<u>+0.1</u>	<u>75.2</u>	<u>7.63</u>	<u>3920.52</u>	<u>234.06</u>		<u>-2.80</u>	<u>238.89</u>	
		<u>12-S</u>	<u>61</u>	<u>507.0</u>	<u>34</u>	<u>2.6</u>		<u>+0.1</u>	<u>75.0</u>	<u>7.61</u>	<u>3921.91</u>	<u>234.14</u>		<u>-2.78</u>	<u>238.97</u>	
		<u>13-S</u>	<u>65</u>	<u>505.1</u>	<u>29</u>	<u>3.0</u>		<u>+0.1</u>	<u>73.5</u>	<u>7.46</u>	<u>3924.80</u>	<u>234.31</u>		<u>-2.76</u>	<u>239.01</u>	
		<u>14-S</u>	<u>68</u>	<u>502.8</u>	<u>38</u>	<u>2.9</u>		<u>+0.1</u>	<u>71.1</u>	<u>7.22</u>	<u>3929.89</u>	<u>234.61</u>		<u>-2.74</u>	<u>239.09</u>	
<u>could be</u> <u>+99.8</u>		<u>15-S</u>	<u>72</u>	<u>509.8</u>	<u>38</u>	<u>2.9</u>		<u>+0.1</u>	<u>78.1</u>	<u>7.93</u>	<u>3936.03</u>	<u>234.98</u>		<u>-2.72</u>	<u>240.17</u>	
		<u>16-S</u>	<u>76</u>	<u>496.2</u>	<u>38</u>	<u>2.9</u>		<u>+0.1</u>	<u>64.5</u>	<u>6.55</u>	<u>3942.83</u>	<u>235.80</u>		<u>-2.70</u>	<u>239.23</u>	
		<u>17-S</u>	<u>80</u>	<u>494.0</u>	<u>34</u>	<u>2.6</u>		<u>+0.1</u>	<u>62.0</u>	<u>6.29</u>	<u>3947.59</u>	<u>235.67</u>		<u>-2.67</u>	<u>239.29</u>	
		<u>18-S</u>	<u>83</u>	<u>492.5</u>	<u>37</u>	<u>2.9</u>		<u>+0.1</u>	<u>60.8</u>	<u>6.17</u>	<u>3950.24</u>	<u>235.83</u>		<u>-2.65</u>	<u>239.35</u>	
		<u>19-S</u>	<u>87</u>	<u>493.8</u>	<u>36</u>	<u>2.8</u>		<u>+0.1</u>	<u>62.0</u>	<u>6.29</u>	<u>3948.37</u>	<u>235.72</u>		<u>-2.63</u>	<u>239.38</u>	
		<u>20-S</u>	<u>90</u>	<u>494.0</u>	<u>36</u>	<u>2.8</u>		<u>+0.1</u>	<u>62.2</u>	<u>6.32</u>	<u>3948.65</u>	<u>235.73</u>		<u>-2.61</u>	<u>239.44</u>	
		<u>L-30E</u>	<u>94</u>	<u>495.5</u>	<u>37</u>	<u>2.9</u>		<u>+0.1</u>	<u>63.8</u>	<u>6.48</u>	<u>3945.85</u>	<u>235.57</u>		<u>-2.64</u>	<u>239.41</u>	
		<u>L-28E</u>	<u>97</u>	<u>496.6</u>	<u>37</u>	<u>2.9</u>		<u>+0.1</u>	<u>64.9</u>	<u>6.59</u>	<u>3943.41</u>	<u>235.42</u>		<u>-2.67</u>	<u>239.34</u>	

CHECKED

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PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. W-220 DATE JULY 8, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT 10624

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-24E	B.S.#6	42-N	0	477.8	34	2.7	-513.2	0	-32.7							
L-16E		23-S	23	456.5	39	3.1		0	-53.6	-53.7	4094.87	244.46		-4.03	235.06	
		22-S	28	454.5	36	2.8		-0.3	-56.2	-56.3	4098.94	244.71		-4.05	235.03	
		21-S	31	450.2	34	2.7		-0.3	-60.6	-60.7	4106.85	245.18		-4.07	235.04	
		20-S	34	450.5	30	2.3		-0.3	-60.7	-60.8	4106.57	245.16		-4.09	234.99	
		19-S	38	446.7	36	2.8		-0.4	-64.1	-64.3	4112.98	245.54		-4.11	235.00	
		18-S	41	443.5	36	2.8		-0.4	-67.3	-67.5	4117.81	245.87		-4.13	234.95	
		17-S	44	440.8	33	2.6		-0.4	-70.2	-70.4	4122.27	246.10		-4.15	234.91	
		16-S	48	439.1	33	2.6		-0.4	-71.9	-72.1	4123.67	246.18		-4.18	234.79	
		15-S	52	435.9	33	2.6		-0.5	-75.2	-75.4	4128.69	246.48		-4.20	234.74	
		14-S	55	429.9	35	2.7		-0.5	-81.1	-81.3	4135.96	246.92		-4.22	234.57	
		13-S	58	424.3	36	2.8		-0.5	-86.6	-86.8	4145.01	247.46		-4.24	234.54	
		12-S	61	418.5	38	3.0		-0.6	-97.3	-97.5	4161.89	248.46		-4.26	234.45	
		11-S	65	405.5	35	2.7		-0.6	-105.6	-105.9	4174.41	249.21		-4.28	234.34	
		10-S	69	407.1	33	2.6		-0.6	-104.1	-104.3	4171.16	249.02		-4.30	234.29	
		9-S	72	404.6	36	2.8		-0.7	-106.5	-106.8	4174.39	249.21		-4.32	234.21	
		8-S	75	396.3	35	2.7		-0.7	-114.9	-115.2	4185.95	249.90		-4.34	234.04	
		7-S	78	377.6	35	2.7		-0.7	-133.6	-133.9	4214.10	251.58		-4.36	233.83	
		6-S	81	368.3	35	2.7		-0.7	-142.9	-143.2	4230.16	252.54		-4.38	233.84	
		5-S	85	364.1	34	2.7		-0.8	-147.2	-147.6	4237.81	253.00		-4.40	233.84	
		4-S	88	362.3	37	3.1		-0.8	-148.6	-149.0	4239.78	253.11		-4.42	233.79	
		3-S	91	373.2	31	2.4		-0.8	-138.4	-138.7	4223.50	252.14		-4.44	233.83	
		2-S	95	365.1	36	2.8		-0.9	-146.2	-146.6	4236.05	252.89		-4.46	233.77	
		1-S	98	352.2	38	3.0		-0.9	-158.9	-159.3	4258.86	254.13		-4.48	233.72	*
INTER	BL-D	0+00	101	346.9	37	2.9		-0.9	-164.3	-164.7	4265.92	254.68		-4.50	233.71	

B.S.#42

108 361.0 35 2.7 -513.2 -1.0 -150.5

53

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No. W-220 DATE JULY 8, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT 100.24 LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS #42		0	360.7	35	2.7	-513.9	0	-150.5							
INTER L-8E	BL-0	0+00	20	294.3	34	2.7	-	-0.1	-217.0	-21.75	4347.58	259.55		-4.65	233.15	
1-8E		1-5	24	309.8	32	2.5		-1	-201.7	-20.22	4324.66	258.18		-4.62	233.34	
		2-5	28	328.2	32	2.5		-1	-183.3	-18.37	4297.43	256.56		-4.60	233.59	
		3-5	32	340.0	34	2.7		-2	-171.4	-17.18	4281.70	255.62		-4.58	233.86	
		4-5	35	352.6	36	2.8		-2	-158.7	-15.91	4262.58	254.48		-4.56	234.01	
		5-5	39	362.1	36	2.8		-2	-149.2	-14.96	4248.74	253.65		-4.54	234.15	
		6-5	42	369.8	33	2.6		-2	-141.7	-14.20	4237.72	252.99		-4.52	234.27	
		7-5	45	373.4	32	2.5		-2	-138.2	-13.85	4231.77	252.64		-4.50	234.38	
		8-5	48	375.0	34	2.7		-3	-136.5	-13.68	4225.62	252.27		-4.48	234.11	
		9-5	52	381.5	27	2.1		-3	-130.6	-13.09	4215.49	251.66		-4.46	234.11	
		10-5	56	386.5	30	2.3		-3	-125.4	-12.57	4208.32	251.24		-4.44	234.23	
		11-5	60	392.1	34	2.7		-3	-119.4	-11.97	4200.12	250.75		-4.42	234.36	
		12-5	64	397.4	23	1.8		-3	-115.0	-11.53	4192.25	250.28		-4.40	234.35	
		13-5	68	401.5	31	2.4		-4	-110.4	-11.07	4186.87	249.96		-4.38	234.51	
		14-5	72	405.6	32	2.5		-4	-106.2	-10.65	4173.16	249.14		-4.36	234.13	*
		15-5	76	410.9	33	2.6		-4	-100.8	-10.10	4175.06	249.25		-4.34	234.81	
		16-5	80	413.3	34	2.7		-4	-98.3	-9.85	4170.40	248.97		-4.32	234.80	
		17-5	84	416.9	36	2.8		-4	-94.6	-9.48	4164.00	248.59		-4.30	234.81	
		18-5	88	424.5	35	2.7		-5	-87.2	-8.74	4152.29	247.89		-4.27	234.88	
		19-5	92	427.8	34	2.7		-5	-83.9	-8.41	4147.05	247.58		-4.25	234.92	
		20-5	95	432.9	32	2.5		-5	-79.0	-7.92	4139.45	247.13		-4.23	234.98	
Shaking		21-5	99	435.5	24	1.9		-5	-77.0	-7.72	4134.12	246.81		-4.21	234.88	
		22-5	103	439.3	31	2.4		-6	-72.8	-7.30	4130.39	246.58		-4.19	235.09	
		23-5	106	442.8	29	2.3		-6	-69.4	-6.96	4126.46	246.35		-4.17	235.22	

(0.0053571)

C. Chan

[illegible]

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L 24 E.	B.S. #19	0-S	0	454.0	22	1.7	-348.7	0	107.0	10.87	3850.80	229.89		-3.14	237.62	
		1-S	5	455.0	23	1.8		0	108.1	10.98	3851.56	229.94		-3.12	237.80	
		2-S	8	455.5	27	2.1		-1	108.8	11.02	3850.49	229.87		-3.10	237.82	
		3-S	14	457.8	26	2.0		-1	111.0	11.28	3849.87	229.84		-3.08	238.04	
		4-S	17	457.6	30	2.3		-1	111.1	11.29	3851.50	229.94		-3.06	238.17	
		5-S	22	457.0	29	2.2		-2	110.3	11.20	3854.06	230.09		-3.04	238.25	
		6-S	25	454.5	28	2.2		-2	107.8	10.95	3858.82	230.37		-3.02	238.30	
		7-S	30	453.9	29	2.2		-2	107.2	10.89	3861.57	230.54		-3.00	238.43	
		8-S	33	452.8	31	2.4		-3	106.2	10.79	3864.56	230.71		-2.98	238.52	
		9-S	36	451.6	28	2.2		-3	104.8	10.65	3867.83	230.91		-2.96	238.60	
		10-S	41	447.6	26	2.0		-3	100.6	10.22	3876.29	231.41		-2.94	238.69	
		11-S	45	444.7	27	2.1		-4	97.7	9.92	3881.84	231.75		-2.92	238.75	
		12-S	48	442.9	31	2.4		-4	96.2	9.77	3886.10	232.00		-2.90	238.87	
		13-S	51	441.6	27	2.1		-4	94.6	9.61	3890.13	232.24		-2.88	238.97	
		14-S	54	440.9	29	2.2		-4	94.0	9.55	3891.78	232.34		-2.86	239.03	
		15-S	58	439.5	29	2.2		-5	92.5	9.40	3894.96	232.53		-2.84	239.09	
(0078947)		16-S	62	437.4	30	2.3		-5	90.5	9.19	3899.28	232.79		-2.82	239.16	
		17-S	66	433.5	28	2.2		-5	86.5	8.79	3906.02	233.19		-2.79	239.19	
		18-S	70	430.5	30	2.3		-6	83.5	8.48	3912.06	233.55		-2.77	239.26	
		19-S	74	427.7	28	2.2		-6	80.6	8.19	3918.17	233.91		-2.75	239.35	
L 24 E	B.S. #20	20-S	76	425.5	29	2.2	-348.7	-0.6	78.4	7.96	3921.82	234.13		-2.73	239.36	
L 24 E	B.S. #20	20-S	0	425.6	29	2.2										
L 32 E.	B.S. #	20-S	12	409.3	29	2.3	-319.9	0.1	21.7							
L 40 E.	B.S. #18	20-S	24	415.1	29	2.3		0.1	61.4							
L 32 E.	B.S. #	20-S	34	409.2	28	2.2		0.2	91.7							

PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE July 23/86 OPERATOR AX

INSTRUMENT

INSTR. CONSTANT .10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
B.L. 0	BS #12A		0	512.0	34	2.7	-503.7	0	+11.0	1.10						
		6-W	8	515.5	32	2.5		-0.1	+14.2	1.42	4020.88	240.05		-3.60	237.87	
(.0068965)		4-W	14	521.8	31	2.4		-0.1	+20.4	2.04	4007.24	239.23		-3.57	237.70	
		2-W	22	527.3	34	2.7		-0.2	+26.1	2.62	3998.15	238.69		-3.54	237.77	
INT 2000 40 61+64-S		INT	29	528.3	30	2.3		-0.2	+26.7	2.68	3994.55	238.47		-3.51	237.64	
		2-E	36	529.9	33	2.6		-0.2	+28.6	2.87	3987.87	238.08		-3.48	237.46	
		4-E	44	540.2	33	2.6		-0.3	+38.8	3.89	3969.69	236.99		-3.45	237.43	
		6-E	51	540.7	38	3.0		-0.4	+39.6	3.97	3964.00	236.65		-3.42	237.20	
INT 2000 61+17-S	BS #13A	INT 8-E	58	549.6	36	2.8	-503.7	-0.4	48.3	4.84	3945.99	235.58		-3.39	237.03	
	BS #13A	8-E	0	549.6	36	2.8	-504.1	0	48.3	4.84	3945.99	235.58		-3.39	237.03	
		10-E	9	567.7	34	2.7		+0.1	66.4	6.66	3915.95	233.78		-3.36	237.08	
		12-E	17	579.1	34	2.7		+0.2	77.9	7.81	3895.57	232.57		-3.33	237.05	
		14-E	24	594.8	34	2.7		+0.3	93.7	9.39	3871.53	231.13		-3.30	237.22	
INT 60+85-S		INT 16-E	33	599.2	30	2.3		+0.4	97.8	9.80	3868.93	230.98		-3.27	237.51	
		18-E	42	604.9	37	2.9		+0.5	104.2	10.45	3857.99	230.32		-3.23	237.45	
		20-E	50	606.7	31	2.4		+0.5	105.5	10.58	3857.42	230.29		-3.20	237.66	
SHARKY		22-E	63	609.8	31	2.4		+0.7	108.8	10.91	3851.74	229.95		-3.17	237.69	
		24-E	69	609.4	25	2.0		+0.7	108.0	10.83	3850.76	229.89		-3.14	237.58	
(+.0107843)		26-E	76	606.0	29	2.3		+0.8	105.0	10.53	3857.19	230.27		-3.11	237.69	
		28-E	86	590.4	34	2.7		+0.9	89.9	9.01	3881.46	231.90		-3.08	237.83	
		30-E	93	594.4	35	2.7		+1.0	94.0	9.42	3878.36	231.54		-3.05	237.91	
RIO	BS #14	232-S	102	593.4	32	2.5		+1.1	92.9	9.31	3880.65	231.67		-3.02	237.97	

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

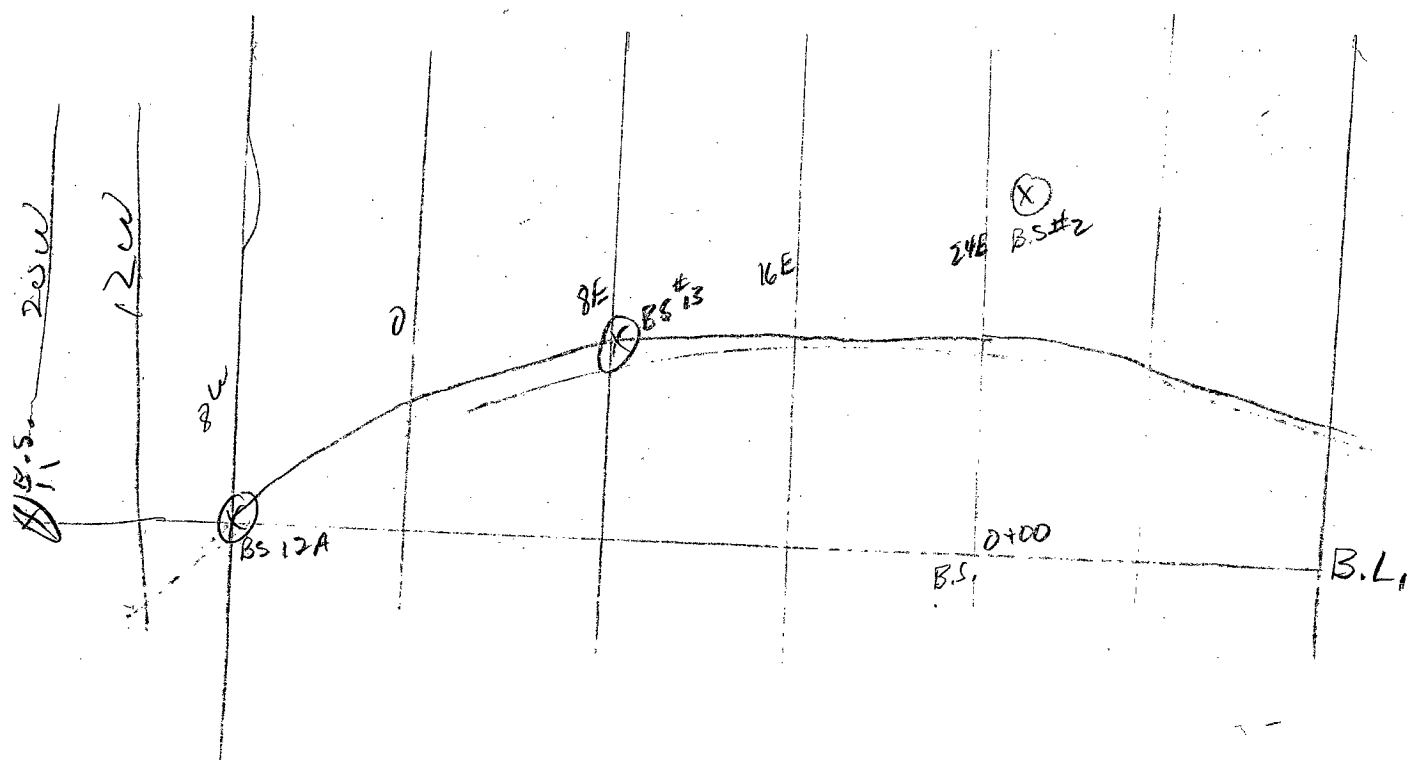
JOB No.

DATE JUNE 10 OPERATOR TIM KIRBY INSTRUMENTINSTR. CONSTANT .10158

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
B.L.O.	B.S.#11		0	357.4	25	1.9	-349.5	0	+9.8							
L12 W		64+24	12	353.8	21	1.6										
B.L.O.		14-W	17	351.8	32	2.5										
BUMP 2nd Reading 348.9		12-W	25	348.1	28	2.2										
		10-W	36	348.4	30	2.3										
	B.S.#12A	8-W	42	349.6	24	1.9										
		6-W	47	353.0	26	2.0										
		4-W	54	359.3	26	2.0										
		2-W	59	375.5	28	2.2										
		0+0	65	376.2	30	2.3										
		2-E	69	378.4	28	2.2										
		4-E	74	388.8	25	1.9										
		6-E	80	389.2	30	2.3										
	B.S.#13	8-E	85	396.9	29	2.2										
		10-E	91	414.8	29	2.2										
		12-E	98	426.6	29	2.2										
		14-E	105	441.4	28	2.2										
		16-E	110	445.7	25	1.9										
		18-E	115	451.7	30	2.3										
		20-E	120	452.8	29	2.2										
		22-E	125	456.4	26	2.0										
SWAMP		24-E	132	456.6	24	1.9										
		26-E	137	453.7	30	2.3										
		28-E	143	438.0	31	2.4										
		30-E	147	442.5	30	2.3	-349.5									



CHECKED

[illegible]

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JUNE 24, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT 101.58 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-64E	B.S. #2-A	(49-S)	0	428.1	41	3.2	-288.60	0	142.7							
L-72E	*	41-S	17	451.4	36	2.8					3766.57			-1.58		
		40-S	21	454.3	26	2.0					3764.71			-1.60		
		39-S	25	454.3	36	2.8					3765.13			-1.62		
		38-S	28	455.7	30	2.3					3763.04			-1.64		
CAT ROAD.		37-S	32	452.1	42	3.2					3767.56			-1.66		
		36-S	35	451.1	37	2.9					3768.46			-1.68		
		35-S	39	452.8	39	3.0					3766.64			-1.70		
		34-S	42	444.6	35	2.7					3778.27			-1.72		
		33-S	45	447.0	39	3.0					3774.64			-1.74		
		32-S	48	445.3	39	3.0					3775.44			-1.76		
		31-S	52	442.1	41	3.2					3778.90			-1.78		
		30-S	55	439.8	38	2.9					3783.08			-1.80		
		29-S	59	436.6	36	2.8					3788.60			-1.82		
		28-S	62	432.7	37	2.9					3793.94			-1.84		
		27-S	65	425.0	39	3.0					3804.67			-1.86		
		26-S	69	419.7	40	3.1					3814.90			-1.88		
		25-S	73	416.2	39	3.0					3818.77			-1.90		
		24-S	76	414.3	41	3.2					3820.85			-1.92		
		23-S	79	413.6	41	3.2					3822.02			-1.94		
		22-S	86	415.2	35	2.7					3818.06			-1.96		
		21-S	90	410.8	38	2.9					3808.58			-1.98		
		20-S	94	424.4	39	3.0					3802.20			-2.00		
L-64E	B.S. #17	20-S	110	371.6	40	3.1	-288.60	+3.9	+90.0							

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JUNE 24, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-64 E	B.S.#17	20-S	0	372.1	40	3.1	-285.2	0	90.0		3886.96			-2.14		
		21-S	4	370.6	37	2.9					3890.43			-2.12		
		22-S	6	371.4	39	3.0					3890.10			-2.10		
		23-S	9	368.3	40	3.1					3895.42			-2.07		
		24-S	12	368.3	39	3.0					3896.22			-2.05		
		25-S	15	368.3	39	3.0					3903.00			-2.03		
		26-S	19	368.4	39	3.0					3896.64			-2.01		
		27-S	24	369.4	40	3.1					3895.05			-1.99		
		28-S	27	370.6	41	3.2					3893.36			-1.97		
		29-S	31	371.5	43	3.3					3891.81			-1.95		
		30-S	35	373.0	40	3.1					3890.06			-1.93		
		31-S	39	377.0	38	2.9					3883.44			-1.91		
		32-S	42	378.9	39	3.0					3880.36			-1.89		
		33-S	46	384.9	36	2.8					3871.49			-1.87		
		34-S	50	398.1	39	3.1					3854.03			-1.85		
		35-S	54	403.7	39	3.1					3846.26			-1.83		
		36-S	59	411.3	37	2.9					3833.89			-1.81		
		37-S	62	421.0	36	2.8					3814.90			-1.79		
		38-S	65	422.0	37	2.9					3814.05			-1.78		
RAT ROAD		39-S	69	418.6	40	3.1					3817.38			-1.75		
		40-S	73	424.8	36	2.8					3809.60			-1.73		
		41-S	77	427.5	32	2.5					3808.97			-1.71		
OLD NAIL		42-S	81	424.0	39	3.1					3813.71			-1.69		
		43-S	85	418.8	38	3.0					(3822.52)			-1.67		
L-64 E	B.S.2-A	(49-S)	95	427.5	41	3.2	-285.2	-2.8	142.7							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE JUNE 25, 76 OPERATOR C. CHAN INSTRUMENT 4 INSTR. CONSTANT 10158 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-64E~~	~~B.S. #2-A~~		0	~~426.8~~	~~41~~											
L-48E	B.S. #24		0	373.6	41	3.2	-2868	0	90.0							
L-48E		40-S	9	365.7	36	2.8										
		39-S	13	362.7	39	3.0										
		38-S	17	367.1	31	2.4										
		37-S	20	363.3	37	2.9										
		36-S	24	363.9	36	2.8										
		35-S	27	363.9	32	2.5										
		34-S	31	363.7	31	2.4										
		33-S	35	362.5	34	2.6										
		32-S	39	361.3	35	2.7										
		31-S	42	360.3	37	2.9										
		30-S	46	358.3	37	2.9										
		29-S	50	356.3	37	2.9										
		28-S	54	354.8	39	3.0										
		27-S	58	353.4	38	2.9										
		26-S	61	350.2	40	3.1										
		25-S	64	347.9	39	3.0										
		24-S	67	346.5	41	3.2										
		23-S	72	348.5	41	3.2										
		22-S	76	348.4	33	2.5										
		21-S	80	345.9	40	3.1										
		20-S	85	346.6	40	3.1										
L-40E	B.S. #18	20-S	128	357.0	37	2.9	-2868	-5	68.1							

E.M.

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No. DATE JUNE 25, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT 10/58 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-40E	B.S.#18	20-S	0	356.7	37	2.9	-29.5	0	68.1							
L-58E		20-S	22	356.1	36	2.8										
		21-S	25	354.5	39	3.0										
		22-S	29	354.8	40	3.1										
		23-S	32	356.0	39	3.0										
		24-S	35	357.8	38	2.9										
		25-S	39	360.6	39	3.0										
		26-S	42	358.9	39	3.0										
shaking		27-S	48	358.5	38	2.9										
shaking		28-S	55	357.0	42	3.2										
		29-S	58	356.7	40	3.1										
		30-S	61	356.2	39	3.0										
		31-S	65	357.6	39	3.0										
		32-S	69	360.1	39	3.0										
		33-S	73	364.6	39	3.0										
		34-S	77	369.7	40	3.1										
		35-S	81	370.3	40	3.1										
		36-S	85	370.8	38	2.9										
		37-S	89	379.9	39	3.0										
		38-S	93	397.2	37	2.9										
		39-S	96	408.2	30	2.3										
		40-S	100	406.3	42	3.2										
		41-S	105	410.0	30	2.3										
L-48E	B.S.#24	(46-S)	119	375.0	41	3.2	-29.5+3.3		90.0							

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JUNE 25, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT .10158 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L 40-E	B.S. #14	0+00	0	364.0	31	2.4	-290.9	0	755							
L-56 E	B.L.	0+00	15	358.6	35	2.7										
		1-N	20	350.9	39	3.0						7.7			5.9	
		2-N	24	334.5	39	3.0						24.10			22.10	
		3-N	27	339.1	40	3.1										
		4-N	31	332.8	36	2.8										
		5-N	35	327.8	38	2.9										
		6-N	39	334.7	30	2.3										
		7-N	43	354.4	38	2.9										
		8-N	47	377.4	31	2.4						18.8		19.8		1
		9-N	52	391.0	38	2.9										
		10-N	55	390.8	38	2.9						32.20			38.10	2.2
		11-N	59	381.2	43	3.3										
		12-N	64	383.5	23	1.8						24.9			26.8	1.9
≈ 30 FR FROM LAST 12-N		12-N	69	360.9	41	3.2						2.30			10.8	8.5
		13-N	73	345.2	37	2.9						13.4			-6.2	7.2
		14-N	76	355.0	42	3.2										
		15-N	98	386.0	28	2.2						27.4			23.5	6.1
		16-N	104	412.0	33	2.5										
		17-N	109	429.6	39	3.0										
		18-N	112	443.3	37	2.9						84.7			92.6	8.1
		19-N	115	459.3	37	2.9										
		20-N	118	470.3	36	2.8										
		21-N	121	482.2	36	2.8										
		22-N	124	490.5	38	2.9										

L-40 E B.S. #3 143 354.9 43 3.3 -290.9 + 4.6 71.9

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE JUNE 26, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT 10158 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-104 E	M.B.S.	(48-S)	0	796.8	41	3.2	285.2	0	514.8							
		40-S	14	804.3	40	3.1		-1.3	521.9	22.2	+3					
34		39-S	18	793.4	34	2.6		-1.4	510.4	10.9	+5					799.8
A.7		38-S	22	778.1	38	2.9	-1.0	-1.5	502.4	03.8	+1.4					792.4
		37-S	25	770.9	39	3.0		-1.6	495.2	96.5	+1.3					
26.5		36-S	31	770.0	27	2.1		-1.7	493.3	94.0	+7					
		35-S	34	768.5	39	3.0		-1.8	492.6	93.2	+6					
		34-S	37	762.3	39	3.0		-1.8	486.4	87.7	+7					
		33-S	41	750.0	37	2.9		-1.9	473.9	75.0	+1.1					
		32-S	45	735.2	39	3.0		-1.0	459.1	60.0	+0.9					
		31-S	49	729.1	41	3.2		-1.1	453.1	53.8	+7					
		30-S	52	727.2	40	3.1		-1.2	451.0	45.3						
		29-S	56	720.6	36	2.8		-1.3	444.0	38.7						
		28-S	60	717.5	30	2.3		-1.3	440.4	37.2						
		27-S	64	723.5	39	3.0		-1.4	447.0	45.4						
		26-S	67	723.3	40	3.1		-1.5	446.8	45.1						
		25-S	72	721.6	36	2.8		-1.6	444.7	43.2						
		24-S	76	720.9	39	3.0		-1.7	444.1	41.9						
		23-S	80	724.6	38	2.9		-1.8	447.6	44.8						
		22-S	84	729.5	36	2.8		-1.9	452.3	52.0						
		21-S	88	733.4	36	2.8		-2.0	456.1	56.6						
		20-S	92	735.2	39	3.0		-2.1	458.0	58.5						
		19-S	95	741.2	37	2.9		-2.1	463.9	61.3						
		18-S	99	744.4	40	3.1		-2.2	467.2	68.0						
43.70		17-S	103	749.1	39	3.0		-2.3	471.7	72.3						

L-112 E. BS. 29 0+00-S 134 736.2 35 2.7 285.2 457.8

GRAVITY DATA

JOB No.

DATE JUNE 26, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT 10658 LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Lati- tude	Latitude Corr.	$\rho =$ Bouguer Gravity
L-112 E	B.S.#29	0+00 S	0	736.5	35	2.7	-281.4	0	457.8						
L-104 E		0+00	10	702.2	37	2.9									
		1-S	14	708.2	44	3.4									
		2-S	17	715.2	39	3.0									
		3-S	22	723.2	37	2.9									
		4-S	25	731.6	43	3.3									
		5-S	29	738.0	40	3.1									
		6-S	33	752.6	37	2.9									
		7-S	37	771.2	36	2.8									
		8-S	42	786.7	36	2.8									
		9-S	46	801.8	38	2.9									
		10-S	57	798.2	36	2.8									
		11-S	62	785.4	42	3.2									
		12-S	66	779.3	42	3.2									
		13-S	70	769.0	39	3.0									
		14-S	74	760.6	40	3.1									
		15-S	78	757.0	39	3.0									
		16-S	82	753.9	39	3.0									
		17-S	87	750.6	37	2.9									
L-104 E M.B.S.			116	798.0	41	3.2	-281.4 - 5.0		514.8						

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JUNE 27, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT 10158 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-112E-B.S. 29		0+00N	0	735.6	34	2.6	80.5	0	457.8							
		1-N	4	730.5	41	3.2										
		2-N	7	726.0	39	3.0										
		0 X 0.	12	722.4	40	3.1										
		3-N	15	720.0	39	3.0										
		4-N	19	718.2	41	3.2										
		5-N	23	712.8	42	3.2										
		6-N	27	712.9	39	3.0										
		7-N	31	709.8	38	2.9										
		8-N	35	698.6	40	3.1										
		9-N	39	699.4	40	3.1										
		10-N	43	701.8	34	2.6										
shaking		11-N	48	702.0	38	2.9										
		12-N	51	694.7	38	2.9										
		13-N	55	696.5	39	3.0										
		14-N	60	686.5	40	3.1										
		15-N	64	677.5	38	2.9										
		16-N	68	666.7	40	3.1										
		17-N	74	655.0	39	3.0										
		18-N	77	647.6	39	3.0										
		19-N	82	632.7	36	2.8										
		20-N	86	623.3	40	3.1										
		21-N	101	617.8	36	2.8										
		22-N	106	608.9	33	2.5										
INTER		22+12N	110	609.4	39	3.0										

L-120E B.S. 29 22+60N 123 682.2 30 2.3 80.4 +3.4 4075

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JUNE 27, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT .10158 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	
INTER	B.S. #30	L-120E	0	682.6	30	2.3	-277.4	0	407.5							
≈ 15 FT. APART		120E	3	676.2	31	2.4										
		118E	8	655.6	39	3.0										
		116E	13	637.0	38	2.9										
		114E	18	624.6	40	3.1										
INTER.		112E	24	610.1	32	2.5										
		112E	20	606.1	39	3.0										
T.L. - N.		110E	36	590.0	37	2.9										
		108E	42	576.3	39	3.0										
		106E	48	556.3	38	2.9										
INTER		104E	52	539.1	39	3.0										
≈ 20 FT. APART.		104E	55	535.9	37	2.9										
		102E	60	523.4	41	3.2										
		100E	65	518.6	40	3.1										
		98E	70	515.3	41	3.2										
INTER.		96E	75	506.3	40	3.1										
		94E	80	497.4	38	2.9										
		92E	85	492.8	42	3.2										
		90E	90	490.8	36	2.8										
INTER	B.S. #22	88E	95	488.0	38	2.9	-277.4	+1.8	215.3							

GRAVITY DATA

JOB No. DATE JUNE 23, 76 OPERATOR C. CHAN (INSTRUMENT INSTR. CONSTANT 10158 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-88E	B.S. #1-A		0	622.7	39	3.0	289.2	0	336.9							
L-80E		42-S	18	505.3	39	3.0			211.1							
INTER.		41-S	23	499.8	32	2.5			212.1							
		40-S	27	497.2	37	2.9			210.1							
		39-S	30	491.3	41	3.2			20							
		38-S	33	489.1	35	2.7										
		37-S	36	483.2	39	3.0										
		36-S	40	481.3	40	3.1										
		35-S	43	477.0	40	3.1										
		34-S	47	483.0	39	3.0										
		33-S	50	484.2	35	2.7										
		32-S	53	485.0	38	2.9										
		31-S	57	483.6	39	3.0										
		30-S	61	484.8	42	3.2										
		29-S	65	485.3	41	3.2										
		28-S	68	483.4	42	3.2										
		27-S	73	477.1	44	3.4										
		26-S	77	476.7	40	3.1										
		25-S	81	474.1	38	2.9										
		24-S	85	474.4	40	3.1										
		23-S	89	474.4	39	3.0										
		22-S	92	476.4	37	2.9										
		21-S	95	475.1	39	3.0										
L-88E	B.S. #5		107	606.5	45	3.3	211.0	+249	323.9							

PAGE 3

PETER E. WALCOTT & Assoc. Ltd.
Gravity DataJob # Date JUN 28, 76 Operator C-CHAN Instrument Instr. Constant Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	ft In Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity
L-112E	BS #29		0	748.8	35	2.7	293.7	457.8							
L-120E		0+00	10	813.2	36	2.8									
		1-N	14	803.5	41	3.2									
		2-N	17	796.7	39	3.0									
		3-N	20	789.0	40	3.1									
		4-N	24	783.9	38	2.9									
		5-N	27	782.5	40	3.1									
		6-N	31	779.0	39	3.0									
		7-N	34	777.4	39	3.0									
		8-N	37	777.5	39	3.0									
		9-N	39	779.5	40	3.1									
		10-N	42	778.9	38	2.9									
		11-N	45	776.4	36	2.8									
		12-N	49	771.8	24	1.9									
		13-N	53	767.4	32	2.5									
		14-N	56	761.0	36	2.8									
		15-N	60	758.2	34	2.6									
		16-N	63	749.0	38	2.9									
		17-N	66	741.8	39	3.0									
		18-N	69	733.8	40	3.1									
		19-N	72	726.0	37	2.9									
		20-N	75	718.4	40	3.1									
		21-N	78	708.2	39	3.0									
		22-N	81	709.9	38	2.9									
L-120E	BS #30		84	696.0	38	2.9	293.7	407.5							

1974

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

DATE _____

OPERATOR

INSTRUMENT C62-296

INSTR. CONSTANT 0.1018

LATITUDE $62^{\circ} 16'$

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	
			3.15													
Base Sta	#12		0	299.00	31"	2.4	+25.7	0	327.1							
GE / BL	#13		14	338.2	27 1/2"	2.2	+25.7	-2	(365.9)	+25.4	0	(365.8)			BS 13 =	365.8 (37.2)
	#12		29	299.4	31"	2.4	+25.7	-4		+25.4	-1	327.1 +25.3	0	327.1		
	#13		44	338.1	27 1/2"	2.2				+25.4	-2		-1	(365.8)		
	#12		57	299.6	31"	2.4							+2			

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Gravity Data															
Job #	Date	Operator	Instrument	Instr. Constant		Latitude		Checked							
Remarks	Base	Station	Time	Read Ing	HI	Hi corr	Dri- ft	Corr. Reading	Diff In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity
B.S. 12A	BS. 12A		0	716.8	28										
15. INT. of B.L. 68-100	BS. TIE		14	693.6	26	2.0		-13.2							
	BS. 12A		24	717.3	28	2.2		+10.8	0						
	BS. TIE		36	693.4	26	2.0		-13.3	0						
	BS. 12A		44	717.2	29	2.3			0						
	BS. 12A		0	717.2	29										
MBS. 18-S 2. 104-E	MBS.	(GAL. 1974)	0	854.6	27	2.1		341.9	0	514.8					
F-nd	BS. 12A		11	350.4	29	2.2		0	10.8	341.9	0	10.75		+10.8	
	MBS.		27	854.5	28	2.2		0	514.8		+0.5	514.8			
	BS. 12A		38	350.4	28	2.2					+1				
BS-1	BS. 12		0	350.5	28	2.2		341.9	0	+10.8					
1.8-E 4800	BS. 1		9	319.7	27	2.1		341.9	+0.5	-20.05	0	-20.05		-20.0	
nd at 495	BS. 12		17	350.4	28	2.2		341.9	+1	+10.8	341.9	+0.5	+10.8		
	BS. 1		25	319.6	27	2.1					+1				
B.S. 13	BS 13 (1974)		0	387.3	26	2.0									
on B.L. 8+100-E	BS 13 (1974)		13	350.1	28	2.2									
	BS 13 (1974)		0	351.3	28	2.2		1	0	10.8					
	BS 13		12	388.4	27	2.1		341.9	-1	47.7	0	47.7		47.7	
	BS 12		24	351.6	27	2.1		-1.2		10.8	341.9	-1	10.8		
	BS 13		37	388.7	26	2.0					-1.2				

(B)

PETER E. WALCOTT & Assoc. Ltd.

Gravity Data

Job # Date *June 6* Operator *S.M.* Instrument Instr. Constant Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Drift In Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity
	BS 13-1974		0	388.7	26	2.0		0	47.7						
	BS#1		11	321.1	27	2.1		0	-19.8	0	19.75	19.8			
	BS 13-1974		21	388.7	26	2.0		0		-0.05	47.7				
	BS#1		32	321.2	27	2.1				-1					
BS#2 = 80	BS#1		0	320.4	27	2.1	-342.4	0	-19.9						
E of L. 24 & 624+60-N	BS#2		17	391.4	28	2.2		0	(57.20)	0	(-51.3)		BS#2 = 51.2 or 51.3		
	BS#1		36	320.4	27	2.1		0	-342.3	-1	-19.9				
	BS#2		57	391.6	28	2.2				-2					
	BS#1		0	320.6	27	2.1	342.7	0	-20.0						
BS#3 on L. 40-E AT 17400-N.	BS#3		24	412.1	28	2.2		+1	(71.65)	0	(71.65)		BS#3 71.65		
	BS#1		34	320.4	28	2.2		+1		+0.5	-20.0				
	BS#3		42	411.9	29	2.3				+1					
BS#4 L. 64-E & 2400 N	BS#3		0	411.9	29	2.3		0	+71.65						
	BS#4		12	506.7	27	2.1	342.1	+2	(166.45)	0	166.50		BS#4 166.50		
	BS#3		20	411.6	29	2.3		+3		+0.5	71.65				
	BS#4		27	506.6	27	2.1				+1					
BS#5 L. 88-E - 1245 (on N side of rd)	BS#4		0	506.6	27	2.1	342.2	0	166.5						
	BS#5		16	662.5	28	2.2		0	(322.5)	0	(322.6)		BS#5 322.6		
	BS#4		26	506.6	27	2.1		0		-1	166.5				
	BS#5		38	662.7	28	2.2				-2					

PAGE No. "C".

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE JUNE 6 OPERATOR J.M.

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

[illegible]

GRAVITY DATA

JOB No.

DATE _____

OPERATOR

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

[illegible]

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE *June*OPERATOR *J. F. W. 1964*

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<i>FINCH</i>																
	<i>3.52</i>		<i>0</i>	<i>398.8</i>	<i>35</i>	<i>2.1</i>	<i>0</i>	<i>0</i>	<i>406.5</i>			<i>-48.9</i>				
<i>#7</i>	<i>3.57</i>	<i>0</i>	<i>19</i>	<i>299.2</i>	<i>32</i>	<i>2.5</i>	<i>0</i>	<i>-0.5</i>	<i>300.7</i>	<i>-1.1</i>	<i>0</i>	<i>(300.6)</i>			<i>(-52.5)</i>	
	<i>3.52</i>	<i>19</i>	<i>38</i>	<i>399.3</i>	<i>41</i>	<i>3.2</i>	<i>0</i>	<i>-1.0</i>	<i>401.5</i>	<i>-1.1</i>	<i>+1</i>	<i>401.5</i>				
	<i>3.57</i>	<i>47</i>	<i>56</i>	<i>298.4</i>	<i>39</i>	<i>3.0</i>				<i>-1.1</i>	<i>+3</i>	<i>300.6</i>				
	<i>3.57</i>		<i>0</i>	<i>298.4</i>	<i>39</i>	<i>3.0</i>	<i>-0.5</i>	<i>0</i>	<i>300.9</i>	<i>8.0</i>	<i>0</i>					
<i>#9</i>	<i>3.57</i>	<i>0</i>	<i>17</i>	<i>294.7</i>	<i>41</i>	<i>3.2</i>	<i>-0.5</i>	<i>-0.4</i>	<i>(297.0)</i>	<i>-1.2</i>	<i>0</i>	<i>(296.7)</i>			<i>2.5 #9</i>	<i>296.8</i>
	<i>3.57</i>	<i>13</i>	<i>30</i>	<i>299.0</i>	<i>40</i>	<i>3.1</i>	<i>-0.5</i>	<i>-0.7</i>	<i>300.9</i>	<i>-1.2</i>	<i>0</i>	<i>300.9</i>				
	<i>3.57</i>	<i>24</i>	<i>41</i>	<i>294.9</i>	<i>39</i>	<i>3.0</i>				<i>-1.2</i>	<i>0</i>	<i>296.7</i>			<i>(-56.5)</i>	
	<i>3.57</i>		<i>0</i>	<i>294.9</i>	<i>39</i>	<i>3.0</i>	<i>-1.1</i>	<i>0</i>	<i>296.8</i>	<i>3</i>	<i>0</i>					
<i>#8</i>	<i>3.57</i>	<i>0</i>	<i>12</i>	<i>292.7</i>	<i>43</i>	<i>3.3</i>	<i>-1.1</i>	<i>0</i>	<i>(304.9)</i>	<i>-9</i>	<i>0</i>	<i>305.1</i>			<i>3.5 #8</i>	<i>305</i>
	<i>3.57</i>	<i>11</i>	<i>23</i>	<i>295.0</i>	<i>42</i>	<i>2.9</i>	<i>-1.1</i>	<i>-0.1</i>	<i>296.8</i>	<i>-9.2</i>	<i>0</i>	<i>296.8</i>				
	<i>3.57</i>	<i>29</i>	<i>41</i>	<i>297.8</i>	<i>36</i>	<i>2.8</i>				<i>-9.5</i>	<i>4</i>	<i>305.1</i>			<i>(-48.4)</i>	
<i>#11</i>	<i>3.57</i>		<i>0</i>	<i>357.0</i>	<i>42</i>	<i>3.2</i>	<i>0</i>									
	<i>3.57</i>		<i>17</i>	<i>356.2</i>	<i>38</i>	<i>2.9</i>	<i>0</i>									
	<i>3.57</i>		<i>29</i>	<i>357.0</i>	<i>41</i>	<i>3.2</i>	<i>0</i>									
	<i>3.57</i>		<i>50</i>	<i>355.9</i>	<i>44</i>	<i>3.4</i>										

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

June 28/76 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		
	BS#22	INT. 88426 21419-N	0	481.9	38	2.9	-269.15	0	(215.65)								
	BS#30	INT. 22166-N 120+64-E	25	675.7	27	2.1	-269.15	-0.75	407.9	-269.9	0	407.9				(AVE - BS#22 = 215.8)	
	BS#22	0	53	483.5	38	2.9	-269.15	-1.6		-269.9	-53	(215.97)	270.6	0	(215.8)		
	BS#30	0	77	676.7	27	2.1				-1.0		-270.6	-3	407.9	270.9	0	407.9
	BS#22	30 SA	107	484.2	38	2.9						-270.6	-7		270.9	-38	(215.82)
	BS#30	51	132	677.4	27	2.1									270.9	-7	
	BS#30		0	677.1	27	2.1	-271.37	0	(407.83)								
	BS#29	INT. B.L. 1.112-E	33	728.2	25	1.9	-271.37	-63	458.1	-272.0	0	458.1			BS#30 =	407.9	
	BS#30	25	58	678.1	28	2.2	-271.37	-1.1		-272.0	-4	407.9					
	BS#29	51	84	729.0	24.5	1.9					-8						
	BS#29		0	728.7	24.5	1.9	-272.53	0	(458.07)								
	BS#31	ROAD - B.L. + 130+75	16	865.7	28	2.2	-272.53	-0.27	595.1	-272.8	0	595.1					
	BS#29	20	36	729.3	24	1.9	-272.53	-0.6	458.07	-272.8	-0.27	458.13			BS#29 =	458.1	
	BS#31	31	53	866.2	28	2.2				-272.8	-0.5	595.1					
	BS#31		0	865.7	28	2.2	-272.75	0	(595.15)								
	BS#32	on cat rd. 220+5 120m	14	865.9	28	2.2	-272.75	-0.05	595.3	-272.8	0	595.3					
	BS#31		33	865.8	28	2.2	-272.75	-0.1	(595.15)	-272.8	-0.05	(595.15)			BS#31 =	595.1	
	BS#32		48	866.0	28	2.2				-272.8	-0.1	595.3					
	BS#32		0	866.0	28	2.2	-272.95	0	(595.25)						BS#32 =	595.3	
	MBS		21	785.6	28	2.2	-272.95	-0.05	514.8	-273.0	0	514.8					
	BS#32		41	866.1	28	2.2	-272.95	-0.1		-273.0	-0.05	(595.25)					

MBS

62

785.7

28

2.2

-273.0

-0.1

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE *JUNE 29TH* 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.#3		0	340.2	41	3.2	2735	0	69.9							
	B.S.	INT. 22+00 40+09	9	379.5	37	2.9		-1	(108.8)	0	(108.8)					
	BS#3		18	340.8	36	2.8		-2		2736	-1	69.9	BS#3	108.8		
	B.S.		27	379.6	39	3.0					-2					
	BS	INT. 22 40+09	0	379.4	39	3.0		0	108.8							
	B.S.#15	INT. 72-5 72.22-N.	24	472.6	35	2.7	2736	-0.5	(201.2)	0	200.95		BS#15		201.1	
	B.S.		52	380.6	38	2.9		-1.1		2743	-35	108.8				
	BS#15		78	473.2	36	2.8					-1.7					
	BS#15		0	473.1	36	2.8	2748	0	201.1							
	BS#23	INT. 2.885 T.L. 22-N.	9	463.6	31	2.4		-1	(191.1)	0	191.05		BS	23	191.1	
	BS#15		19	473.2	38	2.9		-2		2743	-0.5	201.1				
	BS#23		27	463.7	31	2.4					-1					
	BS#23		0	463.9	31	2.4	2752	0	191.1							
	BS #22	INT. 2.885 T.L. 22-N.	9	485.3	38	2.9		0	(213.0)	0	213.1		BS	22	213.0	
	BS#23		18	463.9	31	2.4		0		2751	-1	191.1				
	BS#22		28	485.5	38	2.9					-2					
POOR #21	BS#22		0	485.4	38	2.9	2753	0	213.0							
	BS#21		19	608.9	29	2.2		-2	(335.60)	0	(335.5)		BS	21	335.6	WAS 335.9.
	BS#22		38	485.8	38	2.9		-4		2755	-15	213.0				
	BS#21		56	609.2	29	2.2					-3					

Gravity Data

[illegible]

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # _____ Date July 8 Operator A.M.

Instrument _____

Instr. Constant .0024 Latitude _____

Checked _____

Remarks	Base	Station	Time	Reading	HI	HI corr	Dri- ft	Corr. Reading	Dr/ft In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lat- tude	Lat- tude Corr.	Bouguer Gravity
	BS#13A		0	558.2	35	2.7	^{-512.6} 0	48.3							
terrible p.s. place	BS#19		14	619.1	24	1.9	0	(108.4)	0	(108.3)			BS# 19 =	108.4	
	BS 13A		58	558.4	34	2.7	⁻²		^{-512.7} -1	48.3					
	BS#19		71	619.6	21	1.6			⁻²				BS# 19 =	108.4	
	BS#13A		0	558.2	35	2.7	^{-512.6} 0	48.3							
BAD spot	BS#14		29	586.7	29	2.3	-1	(76.3)	0	(76.15)			BS# 14 =	76.2	
	BS 13A		58	558.4	34	2.7	⁻²		^{-512.85} +0.5	48.3					
	BS#14		92	586.8	27	2.1			⁺¹						
	BS#13A		0	558.2	35	2.7	^{-512.6}	48.3							
		INT. L.326 + 0.6	39	603.0	32	2.5	-1	(92.8)	0	(92.8)			BS# - INT + L.326 =	92.8	
	BS13A		58	558.4	34	2.7	⁻²		^{-512.7} -1	48.3					
		INT.	82	603.0	34	2.7			⁻²						
		INT. - 324 + 0.4	0	602.9	33	2.6	^{-512.7} 0	92.8							
	BS#20		23	589.6	32	2.5	-1.5	(79.25)	0	(78.95)			BS# 20 =	79.1	
		INT.	43	603.3	32	2.5	-1.3		^{-513.5} +1.5	92.8					
	BS#20		63	589.3	32	2.5			⁺³						
	BS#20		0	589.4	32	2.5	^{-512.8}	79.1							
bad place for 18.5	BS# 18		14	578.8	33	2.6	^{+0.5}	(68.6)	0	(68.55)			BS# 18 =	68.6	
	BS#20		29	589.3	32	2.5	⁺¹	79.1	^{+1.5}	79.1					
	BS# 18		45	579.1	25	2.0			^{-514.8} +1.3						

Gravity Data

Checked:

1

[illegible]

11 of 11 pages

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # _____ Date July 1st Operator J.M. Instrument _____ Instr. Constant _____ Latitude _____ Checked _____

Remarks	Base	Station	Time	Reading	HI	HI corr.	Dri- ft	Corr. Reading	5 ft In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity	
	BS# 31		0	884.6	28	2.2	0 ^{-29.63}	(595.5)								
	MBS		15	804.2	29	2.3	-4	514.8	291.7	0	514.8		BS. # 31	(594.5)	WRA	594.9
	BS# 31		31	885.4	28	2.2	-8			-0.5	(595.4)					
	MBS		46	805.3	28	2.2				-1.0						
	MBS		0	805.3	28	2.2	0 ^{-29.7}	514.8								
	BS 12-A		13	301.7	29	2.3	-1	11.2	11.2	WRA	<u>10.8</u>					
	MBS		23	805.5	28	2.2	-2									
	BS 12 A		34	301.9	29	2.3										

4 in 50 ft

50 ft

101.58

101.58

1.10

1.10

1.10

6.00

6.00

PAGE 'No.

PETER E. WALCOTT & ASSOC. LTD.
ELEVATION DATA

JOB No.

DATE JUL 3 1976

SURVEY

ROD MAN

INSTRUMENT

[illegible]

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.	DATE	OPERATOR	INSTRUMENT	INSTR. CONSTANT	LATITUDE	CHECKED
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Remarks	Base "	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P = Elev. Corr.	Lati- tude	Latitude Corr.	P = Bouguer Gravity
	BS#10	1.20-W = 42+20-S	0	223.7	35	2.7	295.7	0	-69.3						
	BS#8	1.8-W 38+00-S	23	249.2	25	1.9		+3	(-44.3)	0	(-44.3)				
	BS#10		43	223.1	35	2.7		+6	-295.4	+3	-69.3	0	-69.3		
			67	248.7	25	1.8				+6	-295.1	+1.5	(-44.5)		
✓	BS#10		82	222.8	35	2.7						+3			

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE

OPERATOR *J. FRANGAN* 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>B.5.4</i>			0	513.8	29	2.2	-349.2	0	166.8							
<i>B.L. 0</i>		<i>64E</i>	5	516.7	30											
		<i>62E</i>	9	499.8	24											
		<i>60</i>	15	482.4	31											
		<i>58</i>	20	437.2	28											
		<i>56</i>	25	416.3	31											
		<i>54</i>	29	394.5	30											
		<i>52</i>	34	376.4	27											
		<i>50</i>	38	371.9	28											
		<i>48</i>	43	388.8	31											
		<i>46</i>	48	402.1	29											
		<i>44</i>	52	411.7	31											
		<i>42</i>	57	417.9	31											
<i>B.5.14</i>		<i>40</i>	02	418.5	29	2.2	-349.2	75.5								

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.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity
	BS #30		0	309.2	28	2.2	+101.5	0	412.9						
2-128		22N	20	389.9	33										
		21N	26	393.0	31										
		20N	31	396.4	35										
		19N	35	402.0	34										
SHAKY		18N	41	407.6	32										
		17N	45	413.8	34										
		16N	50	418.0	33										
		15N	56	422.1	35										
	BS #30		84	501.2	33	2.6	+101.5	-24	602.9						
	BS #31		0	501.2	33										
BS #30 584.00 S 896.00 N		BS #31 1128 E	25	496.4	36										
		1.2			34										

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PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE July 21/76 OPERATOR AA 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#44		0	502.5	28	2.2	-8338	0	-329.1							
		36-W	24	395.9	31	2.4		+6	-434.9	436.6	1.7	439.8	435.9			
		38-W	30	393.1	30	2.3		+7	-437.7	439.4	1.7	439.8	438.3			
		40-W	36	392.1	27	2.1		+9	-438.7	441.8	3.7	443.3	439.8			
		42-W	43	397.4	33	2.6		+1.1	-432.7	438.5	2.8	437.8	434.1			
		44-W	49	392.2	29	2.3		+1.2	-438.1	442.6	4.5	442.4	439.6			
		46-W	58	409.3	34	2.7		+1.4	-420.4	424.9	4.5		425.9			
		48-W	67	406.5	27	2.1		+1.6	-403.6	407.5	3.9		405.6			
		50-W	75	445.4	30	2.3		+1.8	-384.3	388.6	4.3		387.0			
		52-W	82	449.9	29	2.3		+2.0	-379.6	383.2	3.6		381.8			
	BS#44		90	439.8	34	2.7	-8338	+2.2	-389.1							
	BS#44		0	439.8	34	2.7	-8316	0	-389.1							
INT 36+00.	BS#44	INT	14	395.0	30	2.3		+3	-434.3							
CORRECTION SHAKY			27	393.8	30	2.3		+5	-435.0							
		1-S	34	399.6	31	2.4		+6	-429.6							
		2-S	38	413.1	33	2.6		+7	-415.2							
		3-S	46	432.3	39	3.1		+8	-394.4							
		4-S	52	446.3	32	2.5		+9	-381.1							
		5-S	56	459.5	36	2.8		+10	-368.3							
		6-S	61	472.1	32	2.5		+1.1	-355.9							
		7-S	67	481.3	33	2.6		+1.2	-346.5							
SHAKY		8-S	73	489.2	36	2.8		+1.3	-338.3							
		9-S	81	505.4	32	2.5		+1.5	-322.2							
		10-S	88	501.0	33	2.6		+1.6	-316.4							

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE 1/21/71 OPERATOR AX 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	
		11-5	93	511.1	36	2.8	-831.6	+1.7	-316.0							
		12-5	98	520.4	33	2.6		+1.8	-306.8							
		13-5	104	529.2	28	2.2		+1.9	-298.3							
281		14-5	110	538.0	35	2.7		+2.0	-288.9							
		15-5	118	550.8	34	2.7		+2.1	-276.0							
		16-5	124	553.7	32	2.5		+2.2	-273.2							
		17-5	129	559.5	32	2.5		+2.3	-267.3							
		18-5	133	564.6	32	2.5		+2.4	-262.1							
		19-5	142	573	35	2.7		+2.6	-253.3							
		20-5	146	572.3	33	2.6		+2.6	-254.1							
MBS RICH	RICH		150	563.7	32	2.5	-831.6	+2.7	-262.7							
RICH	MBS RICH		0	563.7	32	2.5	-828.9	0	-262.7							
L 44		20-5	8	578.8	35	2.7		-.2	-247.6							
		19-5	12	572.5	32	2.5		-.3	-264.2							
		18-5	17	564.6	32	2.5		-.4	-262.2							
		17-5	23	551.2	32	2.5		-.5	-275.7							
		16-5	27	540.9	33	2.6		-.6	-286.0							
		15-5	33	536.3	32	2.5		-.7	-290.8							
		14-5	37	527.4	39	3.1		-.8	-299.2							
		13-5	42	517.1	32	2.5		-.9	-310.2							
SHINY		12-5	47	504.9	32	2.5		-1.0								
		11-5	55	493.1	32	2.5		-1.2								
		10-5	58	480.8	35	2.7		-1.3								
SPIKE		9-5	64	471.1	32	2.5		-1.4								

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE

DATE July 21/76

OPERATOR *AY*

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

9/10/76

OPERATOR

ANDREW

INSTRUMENT

INSTR. CONSTANT

10/58

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	
SHARK	BS440		0	284.6	28	2.2	-65.9	0	-329.1							
SHARK	?	36-W	26	173.3	29	2.3		+5	-439.8	434.9	4.9					
		38-W	35	171.0	25	2.0		+7	-442.2	437.7	4.5					
		40-W	46	169.8	24	1.9		+9	-443.3	438.7	4.6					
		42-W	53	174.8	29	2.3		+10	-437.8	432.7	5.1					
	BS444	214 W	62	169.9	31	2.4		+1.2	-442.4	438.1	4.3					
INT		1-N	0	173.6	30	2.3	-65.9	+1.2	-438.8	(435.0) (434.3)	4.5					
1.36 W		1-S	6	178.2	35	2.7		+1.3	-433.7	429.6	4.1					
		2-S	16	192.5	32	2.5		+1.5	-419.4	415.2	4.2					
		3-S	22	211.6	33	2.6		+1.7	-400.0	395.4	4.6					
		4-S	32	224.5	35	2.7		+1.8	-386.9	381.9	5.0					
		5-S	42	237.4	37	2.9		+2.0	-373.6	368.3	5.3					
		6-S	48	251.6	31	2.4		+2.2	-359.7	355.9	3.8					
		7-S	53	260.8	32	2.5		+2.3	-350.3	346.5	3.8					
		8-S	57	268.7	32	2.5		+2.3	-342.4	338.3	4.1					
		9-S	63	284.8	33	2.6		+2.5	-326.0	322.2	3.8					
		10-S	68	281.3	30	2.3		+2.6	-329.7	326.4	3.3					
		11-S	72	291.7	30	2.3		+2.6	-319.3	316.0	3.3					
		12-S	76	300.7	35	2.7		+2.7	-309.8	306.8	3.0					
		13-S	81	309.7	27	2.1		+2.8	-301.3	298.3	3.0					
		14-S	85	318.7	34	2.7		+2.9	-291.6	288.9	2.7					
		15-S	90	331.0	31	2.4		+3.0	-279.5	276.0	3.5					
		16-S	94	333.9	33	2.6		+3.1	-276.3	273.2	3.1					
		17-S	100	341.9	31	2.4		+3.2	-269.4	267.3	2.1					

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE _____

OPERATOR

INSTRUMENT

INSTR. CONSTANT . 10158 LATITUDE

CHECKED

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR *AK* 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	
	<i>BS #33</i>		0	630.6	34	2.7	+98.7	0	732.1							
<i>TL DON 151+66 W</i>		<i>1122E</i>														
		<i>20~</i>	2	630.0	34											
		<i>21~</i>	8	629.7	32											
		<i>22~</i>	14	628.5	31											
		<i>23~</i>	18	626.1	30											
		<i>24~</i>	22	623.4	35											
		<i>25~</i>	27	622.3	32											
		<i>26~</i>	31	620.8	31											
		<i>27~</i>	34	619.8	34											
		<i>28~</i>	39	617.8	33											
		<i>29~</i>	43	613.3	31											
		<i>30~</i>	51	606.5	34											
		<i>31~</i>	57	597.4	32											
		<i>32~</i>	61	596.1	30											
		<i>33~</i>	67	579.3	33											
		<i>34~</i>	74	586.3	33											
		<i>35~</i>	81	579.9	35											
		<i>36~</i>	86	573.6	32											
		<i>37~</i>	91	569.4	30											
		<i>38~</i>	97	583.7	30											
		<i>39~</i>	102	586.3	32											
<i>CR 121K</i>		<i>40~</i>	115	566.7	26											
		<i>41~</i>	120	547.3	31											
	<i>BS #34</i>		134	656.8	34	2.7	+98.7	+4.6	762.8							

BUST.

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE OPERATOR *AA* INSTRUMENT INSTR. CONSTANT *10024* 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	
	<i>B¹ #33</i>		0	623.2	34	2.7	<i>+706.1</i>	0	732.0							
<i>1 52</i>		<i>20~</i>	3	623.2	33	2.6		0	731.9	73.31	2733.90	163.21		-1.59	234.99	
		<i>21~</i>	10	623.0	30	2.3		-1	731.3	73.31	2734.50	163.25		-1.61	234.95	
		<i>22~</i>	16	621.6	30	2.3		-1	729.9	73.17	2736.88	163.39		-1.63	234.93	
		<i>23~</i>	22	621.1	25	2.0		-2	728.0	72.97	2740.65	163.62		-1.65	234.94	
		<i>24~</i>	32	617.1	29	2.3		-3	725.2	72.69	2745.94	163.93		-1.67	234.96	
		<i>25~</i>	29	616.7	31	2.4		-4	724.8	72.65	2747.33	164.02		-1.69	234.98	
		<i>26~</i>	44	614.7	31	2.4		-4	722.8	72.45	2750.22	164.19		-1.71	234.93	
		<i>27~</i>	49	613.1	32	2.5		-4	721.3	72.30	2752.76	164.34		-1.73	234.91	
		<i>28~</i>	55	610.9	30	2.3		-5	718.8	72.05	2755.32	164.49		-1.75	234.80	
		<i>29~</i>	60	606.7	26	2.0		-5	714.3	71.60	2762.45	164.92		-1.78	234.74	
<i>BEAR SEEN</i>		<i>30~</i>	68	599.1	33	2.6		-6	709.2	70.89	2774.29	165.63		-1.80	234.71	
		<i>31~</i>	74	590.7	34	2.7		-7	698.8	70.05	2788.27	166.46		-1.82	234.69	
		<i>32~</i>	78	589.9	31	2.4		-7	697.7	69.94	2791.16	166.63		-1.84	234.73	
		<i>33~</i>	83	573.2	35	2.7		-8	681.2	68.28	2817.34	168.20		-1.86	234.62	
<i>(-0084967)</i>		<i>34~</i>	89	580.1	33	2.6		-8	688.0	68.97	2808.12	167.64		-1.88	234.73	
<i>(-0091503)</i>		<i>35~</i>	96	575.6	31	2.4		-9	683.2	68.48	2816.06	168.12		-1.90	234.70	
		<i>36~</i>	102	568.9	33	2.6		-9	676.7	67.83	2827.48	168.80		-1.92	234.71	
		<i>37~</i>	108	564.4	29	2.3		-10	671.8	67.34	2834.45	169.22		-1.94	234.62	
		<i>38~</i>	115	578.2	32	2.5		-10	686.0	68.76	2805.80	167.51		-1.96	234.31	
		<i>39~</i>	119	581.3	33	2.6		-10	688.9	69.06	2796.37	166.94		-1.98	234.02	
		<i>40~</i>	129	566.3	28	2.2		-11	668.5	67.01	2835.22	169.26		-2.00	234.27	
		<i>41~</i>	135	542.3	33	2.6		-12	649.8	65.14	2871.21	171.41		-2.02	234.53	
	<i>B⁵ #34</i>		153	655.3	33	2.6	<i>+706.1</i>	-1.4	762.8							

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR *AW* INSTRUMENT INSTR. CONSTANT *10024* LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr. <i>104.7</i>	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	<i>BS #34</i>		0	655.3	33	2.6	<i>104.7</i>	0	762.8							
L160E		40~	6	666.1	33	2.6		+1	773.7	77.56	2643.80	157.83	-1.87		233.52	
		39~	12	665.8	31	2.4		+1	773.0	77.49	2645.03	157.91	-1.85		233.64	
		38~	17	665.8	31	2.4		+2	773.1	77.50	2643.85	157.84	-1.83		233.50	
		37~	23	669.7	36	2.8		+3	777.5	77.94	2635.35	157.33	-1.81		233.46	
		36~	28	672.2	29	2.3		+3	779.6	78.14	2629.23	156.97	-1.79		233.31	
		35~	34	689.3	31	2.4		+4	796.8	79.87	2593.37	154.82	-1.77		232.93	
		34~	39	695.0	31	2.4		+4	802.5	80.44	2581.13	154.09	-1.75		232.79	
		33~	44	697.2	33	2.6		+5	805.0	80.69	2576.64	153.83	-1.73		232.79	
		32~	50	699.4	31	2.4		+6	807.1	80.90	2573.07	153.61	-1.71		232.81	
		31~	56	700.7	28	2.2		+6	808.2	81.01	2571.30	153.51	-1.69		232.83	
		30~	62	698.8	31	2.4		+7	806.6	80.85	2575.2~	153.74	-1.67		232.92	
		29~	69	699.6	33	2.6		+8	807.7	80.96	2576.31	153.81	-1.65		233.12	
		28~	76	696.5	34	2.4		+8	804.4	80.67	2584.86	154.32	-1.62		233.34	
		27~	81	696.6	32	2.5		+9	804.7	80.66	2583.56	154.24	-1.60		233.30	
		26~	86	695.7	33	2.6		+9	803.9	80.58	2582.96	154.20	-1.58		233.21	
(~~X.01049~~)		25~	90	697.2	33	2.6		+10	805.5	80.74	2581.4~	154.11	-1.56		233.29	
		24~	95	696.8	32	2.5		+10	805.1	80.70	2582.17	154.19	-1.54		233.35	
(X.011188)		23~	101	697.4	33	2.6		+11	805.8	80.77	2581.75	154.13	-1.52		233.38	
		22~	104	695.7	29	2.3		+12	803.9	80.58	2585.41	154.35	-1.50		233.43	
		21~	110	693.2	31	2.4		+12	801.5	80.34	2590.45	154.65	-1.48		233.51	
		20~	116	693.2	36	2.8		+13	802.0	80.39	2589.97	154.62	-1.46		233.55	
		19~	121	696.5	34	2.7		+14	805.3	80.72	2585.47	154.35	-1.44		233.64	
		18~	127	701.7	28	2.2		+14	810.0	81.19	2578.00	153.91	-1.42		233.68	
	<i>BS #33</i>		143	623.0	34	2.7	<i>104.7</i>	+1.6	732.0							

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

PAGE No:

JOB No. DATE 27/07/76 OPERATOR TIM KIRBY INSTRUMENT INSTR. CONSTANT .10024 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	B.S.#31		0	497.1	32	2.5	+1033	0	602.9							
	L.128-E	BLD.	8	484.1	34	2.7		0	590.1	59.15	3009.04	179.64		-1.56	237.23	
		1-N	12	482.4	33	2.6		+1	588.4	58.98	3012.69	179.86		-1.58	237.26	
		2-N	17	477.6	33	2.6		+1	583.6	58.50	3021.09	180.36		-1.60	237.26	
		3-N	21	472.9	34	2.7		+1	579.0	58.04	3029.80	180.88		-1.62	237.30	
		4-N	26	464.3	34	2.7		+1	570.4	57.18	3044.22	181.74		-1.64	237.28	
		5-N	30	456.1	36	2.8		+1	562.3	56.36	3058.27	182.58		-1.66	237.28	
		6-N	35	447.8	35	2.7		+1	553.9	55.52	3071.80	183.39		-1.68	237.23	
		7-N	40	441.5	36	2.8		+2	547.0	54.91	3083.02	184.06		-1.70	237.27	
		8-N	44	440.4	36	2.8		+2	546.7	54.80	3085.49	184.20		-1.72	237.28	
		9-N	47	441.9	35	2.7		+2	548.1	54.94	3084.08	184.12		-1.74	237.32	
		10-N	51	448.1	31	2.4		+2	554.0	55.53	3074.64	183.56		-1.76	237.33	
		11-N	55	446.0	36	2.8		+2	552.3	55.36	3076.52	183.67		-1.78	237.25	
		12-N	59	441.0	31	2.4		+2	546.9	54.82	3086.43	184.26		-1.80	237.28	
		13-N	63	432.5	31	2.4		+3	538.5	53.98	3099.52	185.04		-1.82	237.20	
		14-N	68	424.1	33	2.6		+3	530.3	53.16	3113.28	185.86		-1.84	237.18	
		15-N	72	419.2	36	2.8		+3	525.6	52.69	3121.98	186.38		-1.86	237.21	
		16-N	76	414.7	32	2.5		+3	520.0	52.20	3128.73	186.79		-1.88	237.11	
		17-N	80	409.8	35	2.7		+3	516.1	51.73	3137.89	187.33		-1.90	237.17	
		18-N	84	402.5	36	2.8		+4	509.0	51.02	3149.34	188.02		-1.92	237.12	
		19-N	87	397.9	35	2.7		+4	504.3	50.95	3158.45	188.56		-1.94	236.37	
		20-N	91	392.1	35	2.7		+4	498.5	49.97	3167.77	189.12		-1.96	237.13	
		21-N	95	388.8	31	2.4		+4	494.9	49.61	3173.28	189.44		-1.98	237.07	
		22-N	99	385.7	33	2.6		+4	492.0	49.32	3178.46	189.75		-2.00	237.07	
	B.S.#30		120	306.3	36	2.8	+1033	+0.5	412.9							

PAGE No. PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA																
JOB No.		DATE 27/07/76		OPERATOR TIM KIRBY		INSTRUMENT		INSTR. CONSTANT /0024		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#30		0	306.3	36	2.8	+103.8	0	412.9	41.39						
	L120E	22-N	3	311.0	32	2.5		0	417.3	41.83				-2.13		
		21-N	6	318.8	35	2.7		+1	425.4	42.64				-2.11		
		20-N	10	328.8	35	2.7		+1	435.4	43.64				-2.09		
		19-N	14	337.1	35	2.7		+1	443.7	44.48				-2.07		
		18-N	18	344.6	37	2.9		+1.2	451.5	45.26				-2.05		
		17-N	23	352.4	36	2.8		+1.2	459.2	46.03				-2.03		
		16-N	27	360.0	36	2.8		+1.2	466.8	46.79				-2.00		
		15-N	31	369.3	32	2.5		+1.3	475.9	47.70				-1.98		
		14-N	37	372.8	36	2.8		+1.3	479.7	48.09				-1.96		
	BS#30		47	306.0	35	2.7	+103.8	+0.4	412.9							
	BS#5A		0	551.0	32	2.5		0	(653.95)							
	BS#31		15	499.8	32	2.5	+100.45	+1.5	602.9	+100.6	0	602.9	BS 2/5A	=	654.0	
	BS#5A		30	550.6	33	2.6		+1.3			+12.5	654.05				
	BS#31		43	499.2	33	2.6					+1.5					

PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE 26/07/76

OPERATOR Tim KERRY

INSTRUMENT

INSTR. CONSTANT, 10024

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	499.2	36	2.8	+101.~	0	603.~							
	L.120-E	16-S	13	524.9	35	2.7		-0.5	628.3	62.98						
use		15-S	20	514.5	31	2.4		-0.8	617.3	61.88						
		14-S	26	507.4	34	2.7		-1.0	610.3	61.18						
		13-S	30	499.0	35	2.7		-1.1	601.8	60.3~						
		12-S	36	488.0	32	2.5		-1.4	590.3	590.~						
		11-S	40	481.2	32	2.5		-1.5	588.4	583.7	+3					
		10-S	43	475.1	34	2.7		-1.6	577.4	577.9	+5					
		9-S	46	472.2	33	2.6		-1.7	574.3	576.6	+2.3					
		8-S	51	467.2	31	2.4		-1.9	568.9	571.5	+2.6					
		7-S	55	464.0	32	2.5		-2.1	565.6	568.7	+3.1					
		6-S	58	460.6	34	2.7		-2.~	562.3	565.4	+3.1					
		5-S	62	458.3	32	2.5		-2.3	559.7	562.8	+3.1					
		4-S	65	456.5	33	2.6		-2.5	557.8	560.7	+2.9					
		3-S	69	450.4	32	2.5		-2.6	551.5	554.~	+2.7					
		2-S	73	443.0	33	2.6		-2.8	544.0	547.~	+3.~					
		1-S	77	435.9	34	2.7		-2.9	536.9	539.5	+2.6					
	B.L.O.	81	426.7	31	2.4			-3.1	527.~	528.9	+1.7					
	B.S.#31		98	503.0	33	2.6	+101.~	-3.7	602.9							
	B.S.#31		0	503.0	33	2.6	+97.3	0	602.9							
	B.L.O.	132-E	6	505.8	37	2.9		+0.~	606.~							
		134-E	11	513.2	38	3.0		+0.3	613.8							
		136-E	17	536.1	37	2.9		+0.5	636.8	635.9	-0.9					
	L.136-E	1-S	21	546.0	31	2.4		+0.6	646.3	646.0	-0.3					
		2-S	25	552.8	34	2.7	+97.3	+0.7	653.5	652.6	-0.9					

BUST.

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE 2/27/71

OPERATOR *Tim K. Reed*

INSTRUMENT

INSTR. CONSTANT .10024

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	
	2.1363	3-S	29	560.4	37	2.9	+97.3	+0.8	661.4	662.1		+0.7				
		4-S	33	563.9	36	2.8		+0.9	664.9	664.0		-0.9				
		5-S	36	566.8	33	2.6		+1.0	667.7	667.7		—				
		6-S	39	568.4	33	2.6		+1.1	669.4	~~669.0~~ 669.5		+1				
		7-S	42	568.6	32	2.5		+1.2	669.6	666.8	670.0	+1.4				
		8-S	45	566.1	32	2.5		+1.3	667.2	666.8		-1.4				
		9-S	48	567.2	37	2.9		+1.3	668.7	667.6		-1.1				
		10-S	52	568.2	35	2.7		+1.5	669.7	667.7		-2.0				
		11-S	56	568.3	39	3.1		+1.6	670.3	~~669.4~~ 667.5		-2.8				
		12-S	60	566.4	42	3.3		+1.7	668.7	668.4	+0.4					
		13-S	64	565.1	32	2.5		+1.8	666.7	668.5	+0.8					
		14-S	68	568.7	35	2.7		+1.9	670.6	672.1	+1.5					
(0.2809)		15-S	71	567.4	36	2.8		+2.0	669.5	671.8	+2.3					
		16-S	76	575.7	34	2.7		+2.1	677.8	679.9	+2.1					
	B.S.#5A	89	551.5	34	2.7		+97.3	+2.5	654.0							

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE 29/07/76 OPERATOR TIM KIRBY INSTRUMENT INSTR. CONSTANT 10024 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS# 31		0	489.5	38											
	BS# 11A		18	612.0	38	3.0		0	723.55							
	BS# 31		45	491.3	38	3.0	+108.55	+0.5	602.9	+108.6	0	602.9				
	BS# 11A		63	611.8	39	3.1		+1.1					0	722.9		BS# 11A = 723.2
	BS# 31		81	491.8	38	3.0						+108.0	+1.1	602.9		
	BS# 11A		102	611.6	39	3.1							+1.1			
	BS# 11A	B.L.O.	0	611.6	39	3.1	+108.5	0	723.2					-1.19		
	L. 152-E	1-S	3	604.5	39									-1.17		
		2-S	7	604.0	34									-1.15		
		3-S	11	602.8	37									-1.13		
		4-S	15	604.2	38									-1.11		
		5-S	19	610.3	35									-1.09		
		6-S	24	616.9	41									-1.07		
		7-S	29	624.1	36									-1.05		
		8-S	32	627.7	35									-1.03		
		9-S	36	627.4	39									-1.01		
		10-S	40	626.3	38									-0.99		
		11-S	44	625.7	38									-0.97		
		12-S	48	620.3	41									-0.94		
		13-S	53	622.5	38									-0.92		
		14-S	59	634.6	37									-0.90		
		15-S	64	638.8	37									-0.88		
		16-S	70	655.1	38									-0.86		
		17-S	75	671.9	39									-0.84		
		18-S	80	680.6	38		+108.5							-0.82		

B met.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No. DATE 29/07/76 OPERATOR TIM KIRBY INSTRUMENT INSTR. CONSTANT, 10024 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	
	L152.E	19-S	85	686.2	33									-0.80		
PICKET # do		20-S	90	691.4	38									-0.78		
NOT CORRESPOND		21-S	94	694.8	41									-0.76		
TO NOTES FROM		22-S	98	699.3	40									-0.74		
175. ONWARDS		23-S	102	703.4	38									-0.72		
		24-S	107	707.5	40									-0.70		
	BS#2	24-S	111	712.9	38	3.0	+108.5	+5.0	829.4					-0.68		
	BS#3	24-S	0	712.9	38	3.0	+113.5	0	829.4					-0.68		
		25-S	3	731.3	31									-0.66		
		26-S	8	736.0	35									-0.64		
	BS#3	24-S	29	712.5	38	3.0										
	BS#3	24-S	0	712.5	38	3.0										
	L144E	16-S	27	623.3	39									-0.98		
		15-S	33	617.8	40									-1.00		
		14-S	37	612.0	37									-1.02		
		13-S	41	594.1	39									-1.04		
		12-S	45	588.9	41									-1.06		
		11-S	48	584.0	39									-1.08		
		10-S	51	579.5	38									-1.10		
		9-S	55	578.8	38									-1.13		
		8-S	58	577.1	38									-1.15		
		7-S	61	579.4	40									-1.17		
		6-S	64	586.0	39									-1.19		
		5-S	67	591.4	49									-1.21		
		4-S	70	595.4	42									-1.23		

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.	DATE 29/7/76	OPERATOR Tim KERRY	INSTRUMENT	INSTR. CONSTANT	LATITUDE	CHECKED
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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

July 30/76

OPERATOR

JH

INSTRUMENT

INSTR. CONSTANT

100²

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	B ^s #33		0	621.5	42	3.3	+107.2	0	732.0							
L-160		17 ⁿ	18	705.7	40	3.1		+1.2	816.2	81.82	2572.64	153.59		-1.40	234.00	
		16 ⁿ	24	708.4	38	3.0		+1.3	818.9	82.09	2571.42	153.51		-1.38	234.22	
		15 ⁿ	32	709.6	35	2.7		+1.4	819.9	82.19	2568.76	153.35		-1.36	234.18	
		14 ⁿ	38	707.2	35	2.7		+1.5	817.6	81.96	2568.23	153.32		-1.34	233.94	
		13 ⁿ	45	708.0	31	2.4		+1.6	818.2	82.02	2568.07	153.31		-1.32	234.01	
		12 ⁿ	51	707.4	32	2.5		+1.7	817.8	81.98	2570.18	153.44		-1.30	234.12	
		11 ⁿ	57	705.2	25	2.0		+1.7	815.1	81.71	2574.47	153.70		-1.28	234.12	
		10 ⁿ	62	702.9	30	2.3		+1.8	813.2	81.52	2578.66	153.95		-1.26	234.20	
		9 ⁿ	67	699.8	29	2.3		+1.9	809.4	81.13	2586.52	154.42		-1.24	234.31	
		8 ⁿ	71	689.4	27	2.9		+1.9	800.4	80.23	2601.26	155.30		-1.22	234.31	
		7 ⁿ	83	680.4	39	3.1		+1.1	791.8	79.37	2616.73	156.22		-1.20	234.39	
		6 ⁿ	88	674.1	24	2.7		+1.1	785.1	78.70	2627.72	156.87		-1.18	234.39	
		5 ⁿ	94	668.4	32	2.5		+1.2	779.3	78.12	2638.55	157.52		-1.16	234.48	
		4 ⁿ	99	658.9	34	2.7		+1.3	770.1	77.19	2652.82	158.37		-1.14	234.43	
		3 ⁿ	103	652.2	38	3.0		+1.3	766.7	76.85	2658.75	158.73		-1.12	234.46	
		2 ⁿ	114	657.8	33	2.6		+1.5	769.1	77.09	2655.21	158.52		-1.10	234.51	
		1 ⁿ	121	668.5	38	3.0		+1.6	780.3	78.22	2634.86	157.30		-1.08	234.44	
B ^s 68+00 S 73+00 N		INT	129	668.2	33	2.6		+1.7	779.7	78.16	2616.75	156.22		-1.06	233.32	
	B ^s #11A		140	611.5	35	2.7	+107.2	+1.8	723.2							

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

July 30/76

OPERATOR

AT

INSTRUMENT

INSTR. CONSTANT

10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS #11A		0	610.6	35	2.7	+109.9	0	723.2							
BLO		154	8	614.2	34	2.7		0	726.8		2735.67					
		156	17	626.4	35	2.7		+1	739.1		2711.34					
		158	23	633.2	38	3.0		+1	766.2		2663.16					
AL-0 68.00.6 73.00.0		INT	35	679.6	35	3.0		+1	792.6	79.45	2616.75	156.22		-1.06	234.61	
		1s	43	682.8	35	2.7		+2	795.6	79.75	2610.09	155.82		-1.04	234.53	
L. 160.6		2s	49	680.3	34	2.7		+2	793.1	79.50	2612.87	155.99		-1.02	234.47	
		3s	54	675.2	35	2.7		+2	788.0	78.99	2621.82	156.52		-1.00	234.51	
		4s	58	670.7	37	2.9		+2	783.7	78.56	2630.48	157.04		-0.98	234.62	
		5s	62	672.0	35	2.7		+2	784.8	78.67	2628.64	156.93		-0.96	234.64	
		6s	66	672.5	38	3.0		+3	785.7	78.76	2628.36	156.91		-0.94	234.73	
		7s	70	673.3	39	3.1		+3	786.6	78.85	2627.66	156.87		-0.92	234.80	
		8s	74	675.5	38	3.0		+3	788.7	79.06	2624.02	156.65		-0.90	234.81	
		9s	79	677.2	37	2.9		+3	790.3	79.22	2621.48	156.50		-0.88	234.84	
		10s	85	686.1	32	2.5		+3	798.8	80.07	2608.95	155.75		-0.86	234.97	
		11s	90	688.4	36	2.8		+4	801.5	80.34	2604.76	155.50		-0.84	235.01	
		12s	94	690.1	38	3.0		+4	803.4	80.53	2602.06	155.34		-0.82	235.06	
		13s	97	691.3	37	2.9		+4	804.5	80.64	2600.17	155.23		-0.80	235.07	
		14s	100	692.7	38	3.0		+4	806.0	80.79	2598.72	155.14		-0.78	235.16	
		15s	105	693.3	38	3.0		+4	806.6	80.85	2597.75	155.09		-0.76	235.18	
		16s	108	693.3	39	3.1		+4	806.7	80.86	2597.23	155.05		-0.74	235.18	
		17s	112	696.8	38	3.0		+4	810.1	81.20	2593.37	154.82		-0.71	235.32	
		18s	116	694.7	38	3.0		+5	808.1	81.00	2596.62	155.02		-0.69	235.33	
		19s	119	694.0	38	3.0		+5	807.4	80.93	2597.05	155.04		-0.67	235.31	
		20s	127	697.6	40	3.1	+109.9	+5	811.1	81.30	2591.48	154.71		-0.65	235.37	

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

OPERATOR *OB*

INSTRUMENT

INSTR. CONSTANT *.10024*

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	
<i>L-184</i>																
<i>BS #50</i>			0	545.4	36	2.8	<i>+2.8</i>	0	801.0	<i>801.09</i>				-2.06		
		68N	7	546.5	35	2.7		+1.1	802.1	2.1	—			-2.04		
			14	547.5	28	2.2		+1.3	802.8	3.5	+0.7			-2.02		
		66	19	548.0	30	2.3		+1.4	803.5	4.1	+0.6			-2.00		
			23	548.2	29	2.3		+1.5	803.8	4.9	+1.1			-1.98		
		64	29	548.5	35	2.7		+1.6	804.6	5.8	+1.3			-1.96		
			33	548.4	38	2.0		+1.7	804.9	6.3	+1.4			-1.95		
		62	37	549.8	36	2.8		+1.8	806.2	6.7	+0.5			-1.93		
LEG BROKE			50	549.6	38	3.0		+1.1	806.5	7.3	+0.8			-1.91		
		60	55	549.9	39	3.1		+1.2	807.0	7.8	+0.8			-1.89		
			61	551.9	35	2.7		+1.3	808.7	9.5	+0.8			-1.87		
		58	67	552.2	36	2.8		+1.4	809.2	10.3	+1.1			-1.85		
			81	552.1	36	2.8		+1.7	809.4	9.7	+0.3			-1.83		
		56	88	551.8	38	3.0		+1.9	809.5	9.7	+0.2			-1.81		
			91	553.0	33	2.6		+1.9	810.3	10.7	+0.4			-1.79		
		54	96	552.6	35	2.7		+2.0	810.1	11.2	+1.1			-1.77		
			99	553.5	39	3.1		+2.1	810.5	11.0	-0.5			-1.75		
		52	103	552.5	34	2.7		+2.2	810.2	11.10	+0.8			-1.73		
~~BS 51~~			107	552.6	37	2.9		+2.3	810.6	11.4	+0.8			-1.71		
		50	111	553.8	35	2.7		+2.3	811.6	12.3	+0.7			-1.69		
			115	553.0	36	2.8		+2.4	811.0	12.3	+1.3			-1.67		
		48	119	552.8	37	2.9		+2.5	811.0	12.6	+0.6			-1.65		
			124	554.2	38	3.0		+2.6	812.6	13.1	+0.5			-1.63		
		46	131	553.1	39	3.1	<i>+2.8</i>	+2.8	811.8	12.7	+0.9			-1.61		

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.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
L184E			140	554.6	37	2.9		+3.0	813.3	814.3	+0.8			-1.59		
		44N	145	555.1	35	2.7		+3.1	813.7	814.8	+0.8			-1.57		
			150	556.0	33	2.6		+3.2	814.6	814.6	—			-1.55		
		42	154	552.2	39	3.1		+3.3	811.4	811.4	+0.1			-1.53		
			158	548.1	33	2.6		+3.3	806.8	807.8	+1.0			-1.51		
		40	165	541.4	36	2.8		+3.5	800.5	800.8	+1			-1.49		
			194	534.7	40	3.1					2612.71			-1.47		
		38	199	529.6	40	3.1					2624.13			-1.45		
			204	527.6	39						2628.65			-1.43		
		36	208	527.0	41						2629.62			-1.41		
BASE			180	528.7	39	3.1	+15.28 256.6	+3.8 0	788.4 788.4		2626.58			-1.39		
		34	214	528.7	39	3.1		-0.4	789.0	789.09	2626.59			-1.37		
			217	528.6	39	3.1		-1.4	787.9	787.98	2628.52			-1.35		
		32	220	528.7	32	2.8		-0.4	787.4	788.93	2630.28			-1.33		
			226	528.1	41	3.2		-1.5	787.4	788.93	2631.34			-1.31		
		30	229	526.7	39	3.1		-1.5	785.9	787.78	2633.59			-1.29		
			233	525.5	34	2.7		-1.6	784.2	787.61	2636.36			-1.27		
		28	236	522.6	34	2.7		-1.6	781.3	783.2	2641.96			-1.25		
			240	520.4	36	2.8		-1.7	779.1	781.10	2647.36			-1.23		
		26	244	514.6	40	3.1		-1.7	773.6	775.55	2656.83			-1.21		
			248	510.2	39	3.1		-1.8	769.1	770.9	2663.69			-1.19		
		24	252	508.5	39	3.1		-1.8	767.4	769.2	2665.89			-1.17		
			255	510.9	40	3.1		-1.8	769.8	771.16	2661.75			-1.15		
		22	259	514.6	41	3.2		-1.9	773.5	775.4	2655.21			-1.13		
			262	517.1	39	3.1	+15.66	-1.9	775.9	777.78	2648.64			-1.12		

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 10/76 OPERATOR Y.M. INSTRUMENT INSTR. CONSTANT 10028 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
BS# 50	BS# 39		0	502.4	38	3.0			758.8							
INT. 69400-N 184700-S	BS# 50		25	546.0	32	2.5		0	800.85							
	BS# 39		50	503.6	38	3.0	+25.23	-1.5	758.8	+252.2	758.8				BS# 50 =	801.0
	BS# 50		72	546.2	32	2.6		-3		-3	800.95	0	801.05			
	BS# 39		93	503.8	37	2.9			758.8	-1		+25.23	-1.5	758.8		
	BS# 50		114	546.4	34	2.7						-3				
BS# 51	BS# 50		0	546.4	34	2.7	+25.19	0	801.0							
L. 184 at 35400 N	BS# 51		28	533.7	36	2.9		-1	788.4	0	788.35				BS# 51 =	788.4
	BS# 50		55	546.6	34	2.7		-2		+25.1	-0.5	801.0				
	BS# 51		81	533.9	35	2.8				-1						
BS# 10A	BS# 51		0	533.6	35	2.7	+25.21	0	788.4							
INT. 184 at 35400 N	BS# 10A		33	554.4	38	3.0		+1	809.6	0	809.5				BS# 10A =	809.6
	BS# 51		62	533.4	35	2.7		+2		+25.2	+2	788.4				
	BS# 10A		95	554.3	38	2.7				+1						
BS# 10A	BS# 10A		0	554.2	35	2.7	+25.27	0	809.6							
INT. 184 at 35400 N	BS		32	466.8	35	2.7		+2.5	722.45	0	722.45				BS	= 722.4
	BS# 10A		63	552.7	35	2.7		+5		+25.45	+5	809.6				
	BS		98	466.3	35	2.7				+5						
	BS		0	466.1	35	2.7	+25.36	0	722.4							
	BS# 31		19	346.6	37	2.9		-0.5	603.05	0	603.00				BS# 31 =	602.9
	BS		39	466.2	35	2.7		-1		+25.35	0	722.4				

BS# 51

57 346.6 37 2.9

0

PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE *Aug. 3/76* OPERATOR *SM*

INSTRUMENT

INSTR. CONSTANT *.10024*

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<i>E.S. #36</i>	<i>BS #30</i>		<i>0</i>	<i>508.9</i>	<i>34 1/2</i>	<i>2.7</i>	<i>-98.7</i>	<i>0</i>	<i>412.9</i>							
<i>L. 120° at 24 40-N.</i>	<i>BS #36</i>		<i>30</i>	<i>341.9</i>	<i>34 1/2</i>	<i>2.7</i>		<i>-0.5</i>	<i>(245.4)</i>	<i>0</i>	<i>(245.2)</i>			<i>BS #36 = 245.3</i>	<i>↑</i>	
	<i>BS #36</i>		<i>61</i>	<i>509.9</i>	<i>34 3/4</i>	<i>2.7</i>		<i>-1.0</i>	<i>412.9</i>	<i>-99.35</i>	<i>-35</i>	<i>412.9</i>				<i>245.4</i>
	<i>BS #36</i>		<i>87</i>	<i>342.6</i>	<i>35</i>	<i>2.7</i>					<i>-7</i>					
<i>BS #37</i>	<i>S.S. #30</i>		<i>0</i>	<i>342.4</i>	<i>35</i>	<i>2.7</i>	<i>-99.8</i>	<i>0</i>	<i>245.3</i>							
<i>INT 120° 4 T.L. 90-N.</i>	<i>BS #37</i>		<i>28</i>	<i>153.4</i>	<i>36 1/2</i>	<i>2.8</i>		<i>-25</i>	<i>(56.15)</i>	<i>-100.15</i>	<i>0</i>	<i>(55.95)</i>		<i>BS #37 = 56.0</i>	<i>↑</i>	<i>56.8</i>
	<i>BS #36</i>		<i>59</i>	<i>342.9</i>	<i>35</i>	<i>2.7</i>		<i>-5</i>	<i>245.3</i>		<i>-05</i>	<i>245.3</i>				
	<i>BS #37</i>		<i>91</i>	<i>153.5</i>	<i>36 1/2</i>	<i>2.8</i>					<i>-1</i>					
<i>BS #38 m.</i>	<i>BS #37</i>		<i>0</i>	<i>153.5</i>	<i>36 1/2</i>	<i>2.8</i>	<i>-100.3</i>	<i>0</i>	<i>56.0</i>							
<i>L. 136° at</i>	<i>BS #38</i>		<i>30</i>	<i>367.5</i>	<i>38</i>	<i>3.0</i>		<i>+0.5</i>	<i>(272.5)</i>		<i>0</i>	<i>(272.4)</i>		<i>BS #38 = 272.3</i>	<i>↑</i>	<i>56.</i>
<i>76+25-N. 71+25-N.</i>	<i>BS #37</i>		<i>63</i>	<i>153.4</i>	<i>36 1/2</i>	<i>2.8</i>		<i>+1</i>		<i>-100.1</i>	<i>-1</i>	<i>56.0</i>				<i>272.8</i>
	<i>BS #38</i>		<i>93</i>	<i>370.0</i>	<i>35</i>	<i>2.7</i>					<i>-12</i>					
<i>BS #39 ON</i>	<i>BS #38</i>		<i>0</i>	<i>369.5</i>	<i>35</i>	<i>2.7</i>	<i>-99.9</i>	<i>0</i>	<i>272.3</i>							
<i>CAT ROAD 22 100 South</i>	<i>BS #39</i>		<i>31</i>	<i>855.0</i>	<i>36.5</i>	<i>2.8</i>		<i>+1.5</i>	<i>(758.05)</i>		<i>0</i>	<i>758.35</i>		<i>BS #39 = 758.2</i>		<i>758.8</i>
<i>4 T.L. 69-N</i>	<i>BS #38</i>		<i>71</i>	<i>369.2</i>	<i>35</i>	<i>2.7</i>		<i>+3</i>		<i>-99.45</i>	<i>-15</i>	<i>272.3</i>				
<i>4 165+40-E</i>	<i>BS #39</i>		<i>108</i>	<i>855.3</i>	<i>36.5</i>	<i>2.8</i>					<i>-3</i>					

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE,

DATE *Aug. 3*

OPERATOR *g m.*

INSTRUMENT

INSTR. CONSTANT .10024

LATITUDE

CHECKED

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.	DATE	OPERATOR	INSTRUMENT	INSTR. CONSTANT	LATITUDE	CHECKED
100	10/10/54	W. H. H.	100	100	100	100

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

DATE 4 July 73/76 OPERATOR AG

INSTRUMENT

INSTR. CONSTANT *1.0024* LATITUDE

CHECKED

[illegible]

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # _____ Date July 11/20 Operator Jim Instrument _____ Instr. Constant 10158 Latitude _____ Checked _____

[illegible]

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE 7 / 10 / 1964

OPERATOR *Tu. Kirev*

INSTRUMENT

INSTR. CONSTANT

10024

LATITUDE

CHECKED

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PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job #	Date	Operator	C. CHAN	Instrument	Instr. Constant	10/58	Latitude	Checked
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[illegible]

JOB No.

GRAVITY DATA

DATE JULY 20TH OPERATOR ANDREW.

INSTRUMENT

INSTR. CONSTANT *.10024* LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P= Elev. Corr.	Lati- tude	Latitude Corr.	P= Bouguer Gravity															
BS#17 - L.GAL at 20+00-S	BS#4		0	603.128	2.2	-436.3	0	+169.0																						
	BS#17		21	525.032	2.5	-436.3	0	(+91.2)	-436.~	0	(91.3)																			
	BS#4		41	603.128	2.~	-436.3	0	+169.0	-436.~	-1	+169.0																			
	BS#17		61	525.232	2.5				-436.~	-1.2																				
	BS#4		79	603.128	2.2																									
BS.# 17 = +91.25																														

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job #	Date	Operator	Instrument	Instr. Constant	Latitude	Checked										
Remarks	Base	Station	Time	Reading	HI	HI corr	Dri- ft	Corr. Reading	Off ft In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity	
BS #47 on	BS #46		0	129.8	34	2.7	-94.8	-824.2								
T.L. 31-N AT 10+70-W	BS #47		31	372.2	32	2.5	-1.5	(-582.15)	0	(-582.45)		BS47 =	-582.3			
	BS #46		52	130.1	34	2.7	-3	-824.2	-957.15	1.15	-824.2					
	BS #47		71	371.9	32	2.5			1.3							
BS #48 ON T.L. 31-N at 5+20-E	BS #47		0	371.8	32	2.5	-94.6	-582.3	1							
	BS #48		17	376.1	33	2.6	-1.6	(-577.95)	0	-577.75		BS48 =	-577.8		- USED HIGHER ONE	
	BS #47		32	371.7	32	2.5	-1		-956.45	-0.5	-582.3					
	BS #48		48	376.1	34	2.7			-1							
BS #49 - INT of T.L. 31-N 5 L. 24-E	BS #48		0	376.0	34	2.7	-94.5	-577.8								
	BS #49		18	457.0	32	2.5	+2	(-496.8)	0	(-496.55)		BS#49 =	-496.8			
	BS #48		37	375.7	33	2.6	+4		-956.05	-0.5	-577.8					
	BS #49		55	457.2	31	2.4			1.1							
	BS #49		0	457.2	31	2.4	-94.3	-496.7								
	BS #42		27	803.5	30	2.3	+0.5	(-150.45)	0	(-150.35)		BS#42 =	-150.5		- TIE - 0.100	
	BS #49		56	457.1	31	2.4	+1		-956.15	-0.5	-496.7					
	BS #42		79	803.6	30	2.3			-1							

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job #	Date	Operator	Instrument	Instr. Constant	Latitude	Checked									
Remarks	Base	Station	Time	Reading	HI	HI corr	Dri- ft	Corr. Reading	Off ft In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity
	BS TIE		0	936.7	32	2.5	-952.0	-12.9							
	MBS RICH		24	686.8	34	2.7	-1	-262.7	0	-262.7		MBS RICH =	-262.7		
	BS TIE		46	936.9	32	2.5	-1	-12.9	-952.0	-1	-12.9				
	RICH MBS		69	687.0	34	2.7			-1						
BS #43 15 on old	RICH MBS		0	686.9	34	2.7	952.3	-262.7							
Rich T.L. 20-5	BS #43		22	703.3	34	2.7	0	-246.3				BS #43 =	-246.3		
2 100 E of L. 60 W + 20 + 30-5	RICH MBS		42	686.9	34	2.7	0								
	BS #43		61	703.2	34	2.7									
BS #44 on	BS #43		0	703.2	34	2.7	952.0	-246.3							
L. 52 W at 0+50-5	BS #44		26	560.4	33	2.6	10	-389.1	0	-389.0		BS #44 =	-389.1		
	BS #43		45	703.1	34	2.7	11		952.0	-1	-246.3				
	BS #44		77	560.6	33	2.6				-1					
BS #45 on TL	BS #44		0	560.6	33	2.6	952.5	-389.1							
20 N AT 44+00 W	BS #45		53	192.1	32	2.5	-1	-757.9	0	-757.9		BS #45 =	-757.9		
	BS #44		77	560.8	33	2.6	-1		952.5	10	-389.1				
	BS #45		106	192.2	30	2.3			11						
BS #46	BS #45		0	192.2	30	2.3	952.4	-757.9							
2 100 N of	BS #46		22	125.8	35	2.7	-1	-824.3	0	-824.3		BS #46 =	-824.3		
TL 20 N 2.7-400 W	BS #45		41	192.6	29	2.2	-3	-9	952.8	11	-757.9				
	BS #46		58	125.7	34	2.6				12					

Gravity Data

Job #	Date	Operator	Instrument	Instr. Constant	Latitude	Checked
	July 11/70	J.M.				

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE *Aug 12* 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.	P = Elev. Corr.	Latitude	Latitude Corr.	P = Bouguer Gravity	
B.S.#35 on	BS#11A		0	467.3	33	2.6	+53.3	0	723.2							
L.I.S. 2.5 AT. 1.5 MARLO 24.5	BS#35		22	573.8	34	2.7		-3	(829.5)	0	(829.5)				BS#35 = 829.4	
	BS#35		42	67.6	34	2.8		+6		252.5	723.2					
	BS#35		62	574.3	34	2.7				252.5	723.2					
	BS#35		0	574.3	34	2.7	+52.5	0	829.5							
	BS#55		40	557.2	30	2.3		-1.5	(811.8)	0	(811.8)				BS#55 = 811.8	
	BS#35		66	574.6	34	2.7		-3		+52.3	829.5					
	BS#55		102	557.3	31	2.4				1.2						
BS#56 - INT	BS#55		0	557.3	31	2.4		0	811.4							
T.L. 40.5 + L.I. 36E	BS#56		27	491.5	31	2.4	+51.7	0	745.6	+51.7	0	745.6			BS#55 = 811.6	
	BS#55		54	557.2	32	2.5		0		+5	811.45					
	BS#56		83	491.6	28	2.2				+1						
	BS#56		0	491.2	28	2.2		0	(745.55)							
BS-3A - INT	BS-3A		17	390.7	32	2.5	+52.5	-0.5	645.3	252.1	0	645.3				
of T.L. 40.5 + L.I. 20.5	BS#56		36	491.2	30	2.3		-1		-0.5	(745.55)				BS#56 745.67	
	BS-3A		53	390.7	33	2.6				-1						
	BS-3A		0	390.7	33	2.6	+52.0	0	(645.3)							
	BS#32		22	348.3	37	2.9	+52.0	0	603.2	252.0	0	603.2			BS#3A = 645.4	
	BS#3A		42	390.7	33	2.6		0		+5	(645.35)					
	BS#32		61	348.2	37	2.9				+1						

JOB No.

DATE AUG 6, 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.	P = Elev. Corr. 697	Lati- tude	Latitude Corr.	P = Bouguer Gravity
B.S.# A			0	487.5	38	2.9	-347.6	0	142.8						
K-S6 E		58-S	17	500.6	32	2.5		-0.1	155.4	15.78	3777.21	225.50		-1.48	239.80
MISCHING 59-S	59	~~58-S~~ ~~59-S~~	21	509.4	32	2.5		-0.1	164.2	16.67	3768.25	224.96		-1.46	240.17
GLD-NHIC	60	60-S	25	514.1	34	2.6		-0.1	169.0	17.16	3768.10	224.96		-1.44	240.68
		61-S													
(C.O. 004687)		61	62-S	29	535.3	29	2.2	-0.1	189.8	19.27	3735.79	223.03		-1.42	240.88
		62	63-S	32	543.5	36	2.8	-0.2	198.5	20.15	3721.75	222.19		-1.40	240.94
		63	64-S	36	525.6	25	1.9	-0.2	179.7	18.24	3748.87	223.81		-1.38	240.67
		64	65-S	40	515.2	31	2.4	-0.2	169.8	17.24	3763.37	224.61		-1.36	240.55
		65	66-S	44	525.0	32	2.5	-0.2	179.7	18.24	3748.65	223.79		-1.34	240.69
		66	67-S	47	536.2	30	2.3	-0.2	190.7	19.36	3730.97	222.74		-1.32	240.78
		67	68-S	51	553.8	35	2.7	-0.2	208.7	21.19	3703.06	221.07		-1.30	240.96
		68	69-S	54	562.7	38	2.9	-0.3	217.7	22.10	3690.07	220.30		-1.28	241.12
B.S.# B			64	605.3	32	2.5	-347.6	-0.3	259.9						

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 6, 76 OPERATOR Chan INSTRUMENT INSTR. CONSTANT 10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	B.S. #2A		0	488.6	37	2.9	-348.7	0	142.8							
L-64E		42-S	12	485.3	39	3.0		+0.1	139.7	14.18	3813.71	227.68		-1.69	240.17	
		41-S	16	488.6	32	2.5		+0.1	142.5	14.47	3808.97	227.40		-1.71	240.16	
		40-S	20	488.0	33	2.6		+0.2	142.1	14.43	3809.60	227.43		-1.73	240.13	
		39-S	24	482.4	38	2.9		+0.2	136.8	13.89	3817.38	227.90		-1.75	240.04	
m14204 38-S	(37-S)	38-S	27	484.6	36	2.8		+0.2	138.9	14.10	3814.05	227.70		-1.77	240.03	
	(36-S)	37-S	31	483.9	35	2.7		+0.3	138.2	14.03	3814.90	227.75		-1.79	239.99	
		36-S	35	471.3	37	2.9		+0.3	125.8	12.77	3833.89	228.88		-1.81	239.84	
		35-S	39	464.3	37	2.9		+0.3	118.8	12.06	3846.26	229.62		-1.83	239.85	
		34-S	43	459.2	37	2.9		+0.4	113.8	11.55	3854.03	230.09		-1.85	239.79	
		33-S	47	448.0	36	2.8		+0.4	102.5	10.41	3871.49	231.13		-1.87	239.67	
		32-S	51	442.4	39	3.0		+0.4	97.1	9.86	3880.36	231.66		-1.89	239.63	
(0.00808)		31-S	55	440.8	34	2.6		+0.4	95.1	9.65	3883.14	231.84		-1.91	239.58	
		30-S	58	436.5	38	2.9		+0.5	91.2	9.26	3890.06	232.24		-1.93	239.51	
		29-S	62	435.1	38	2.9		+0.5	89.8	9.12	3891.81	232.34		-1.95	239.51	
		28-S	66	433.8	39	3.0		+0.5	88.6	8.99	3893.36	232.43		-1.97	239.45	
		27-S	70	433.1	39	3.0		+0.6	88.0	8.93	3895.05	232.53		-1.99	239.47	
		26-S	74	432.0	35	2.7		+0.6	86.6	8.79	3896.64	232.63		-2.01	239.41	
		25-S	78	431.0	38	2.9		+0.6	85.8	8.71	3898.98	232.65		-2.03	239.39	*
		24-S	82	431.4	35	2.7		+0.7	86.1	8.74	3896.22	232.60		-2.05	239.29	
(22-S)		23-S	86	431.1	38	2.9		+0.7	86.0	8.73	3895.42	232.56		-2.07	239.22	
		22-S	90	434.5	35	2.7		+0.7	89.2	9.06	3890.10	232.24		-2.10	239.20	
		21-S	94	433.8	36	2.8		+0.8	88.7	9.01	3890.43	232.26		-2.12	239.15	
	B.S. #17	20-S	99	435.2	36	2.8	-348.7	+0.8	90.1	9.15	3886.96	232.05		-2.14	239.06	

PAGE No. 3 PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA																
JOB No.		DATE Aug 6, 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.	P = Elev. Corr.	Latitude	Latitude Corr.	P = Bouguer Gravity	
	B.S. #17		0	435.5	36	2.8	-308.2	0	90.1	9.15						
h-72E		20-S	17	485.0	35	2.7		-0.1	139.4	14.15	3802.20	226.99		-2.00	239.14	
		21-S	21	481.0	36	2.8		-0.1	135.5	13.76	3808.58	227.37		-1.98	239.16	
		22-S	25	475.5	33	2.6		-0.2	129.7	13.17	3818.06	227.94		-1.96	239.15	
		23-S	29	473.4	36	2.8		-0.2	127.8	12.97	3822.02	228.17		-1.94	239.20	
		24-S	32	474.5	36	2.8		-0.2	128.9	13.09	3820.85	228.10		-1.92	239.27	
		25-S	36	476.1	34	2.6		-0.2	130.3	13.23	3818.77	227.98		-1.90	239.31	
		26-S	40	478.5	35	2.7		-0.3	132.7	13.47	3814.90	227.75		-1.88	239.34	
		27-S	44	485.2	35	2.7		-0.3	139.4	14.15	3804.67	227.14		-1.86	239.43	
		28-S	48	482.8	36	2.8		-0.3	147.1	14.93	3793.84	226.50		-1.84	239.59	
		29-S	52	496.0	36	2.8		-0.4	150.2	15.25	3788.60	226.18		-1.82	239.61	
		30-S	56	499.8	35	2.7		-0.4	153.9	15.62	3783.08	225.85		-1.80	239.67	
		31-S	59	502.5	36	2.8		-0.4	156.7	15.91	3778.90	225.60		-1.78	239.73	
		32-S	63	505.6	36	2.8		-0.4	159.8	16.22	3775.44	225.39		-1.76	239.85	
		33-S	67	506.7	37	2.9		-0.5	160.9	16.33	3774.64	225.35		-1.74	239.94	
Shaky		34-S	70	504.0	35	2.7		-0.5	158.0	16.04	3778.27	225.56		-1.72	239.98	
		35-S	74	511.8	35	2.7		-0.5	165.8	16.83	3766.64	224.87		-1.70	240.00	
		36-S	78	512.1	32	2.5		-0.5	165.9	16.84	3768.46	224.98		-1.68	240.14	
		37-S	82	511.9	36	2.8		-0.6	165.9	16.84	3767.56	224.92		-1.66	240.10	
		38-S	86	515.3	29	2.2		-0.6	168.7	17.13	3763.11	224.66		-1.64	240.15	
Shaky		39-S	89	514.7	34	2.6		-0.6	168.5	17.11	3765.13	224.78		-1.62	240.27	
NO. NAIC		40-S	93	514.3	36	2.8		-0.6	168.3	17.09	3764.71	224.75		-1.60	240.24	
INTER		40-S	96	512.2	35	2.7		-0.6	166.1	16.86	3766.57	224.86		-1.59	240.13	
		41-S	100	511.3	35	2.7		-0.7	165.1	16.76				-1.58		
		42-S	104	510.8	34	2.6		-0.7	164.5	16.70	3768.45	224.98		-1.56	240.12	

B.S. #2-A 120 488.9 38 2.9 -308.2 -0.8 142.8

PAGE No. 7

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE Aug 7, 76 OPERATOR

DATE AUG 7, 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.	P= Elev. Corr.	Lati- tude	Latitude Corr.	P= Bouguer Gravity
	B.S.#3		0	416.9	37	2.9	-347.9	0	71.9						
L-48K		15-N	3	394.6	35	2.7		0	49.4	5.02	3732.39	234.76		-3.10	236.68
		16-N	7	420.5	29	2.2		-1	74.7	7.58	3892.98	232.41		-3.12	236.87
		17-N	10	428.5	36	2.8		-1	83.3	8.46	3877.16	231.47		-3.14	236.79
		18-N	14	438.6	37	2.9		-1	93.5	9.49	3856.94	230.26		-3.16	236.59
		19-N	18	454.2	35	2.7		-1	108.9	11.06	3829.05	228.59		-3.18	236.47
		20-N	22	469.2	33	2.5		-2	123.6	12.55	3802.47	227.01		-3.20	236.36
		21-N	26	484.3	37	2.9		-2	139.1	14.12	3774.53	225.34		-3.22	236.24
		22-N	30	498.0	35	2.7		-2	152.6	15.49	3750.42	223.90		-3.24	236.15
		Tl-22N	34	501.3	37	2.9		-3	156.0	15.84	3740.66	223.32		-3.26	235.90
	B.S.#3		43	417.2	37	2.9	-347.9	-0.3	71.9						

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE Aug 9, 76 OPERATOR CHAN

INSTRUMENT

INSTR. CONSTANT 10.152 LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-136E	BS#53	72-S	0	740.9	38	2.9	+3.9	0	737.9	75.11	2691.78	160.70		+0.01	235.82	
TK-72E		L-138E	5	720.5	36	2.8		0	719.4	73.03	2727.13					
		L-140E	10	694.3	36	2.8		0	693.2	70.37	2772.92					
		L-142E	15	674.0	36	2.8		0	672.9	68.31	2807.14					
		L-144E	19	662.9	37	2.9		0	661.9	67.20	2829.10					
		L-146E	25	655.3	36	2.8		0	654.2	66.41	2846.86					
INTER. (L-146E)		L-146E	30	652.7	37	2.9		0	651.7	66.16	2851.60	170.24		+0.18	236.58	
L-144E (146E)		72-S	34	654.5	33	2.5		0	653.1	66.30	2848.92	170.08		+0.17	236.55	
		71-S	37	656.2	35	2.7		0	655.0	66.50	2843.53	169.76		+0.15	236.40	
		70-S	41	660.3	36	2.8		+1.1	659.3	66.93	2834.86	169.24		+0.13	236.30	
		69-S	45	664.0	34	2.6		+1.1	662.8	67.29	2825.23	168.67		+0.11	236.06	
		68-S	48	672.0	34	2.6		+1.1	670.8	68.10	2810.40	167.78		+0.08	236.98	
OLD NAIL L-152E		67-S	60	636.5	33	2.5		+1.1	635.2	64.49				+0.18		
		68-S	64	632.0	30	2.3		+1.1	630.5	64.01	2894.59	170.12		+0.20	234.33	
		69-S	68	624.6	37	2.9		+1.1	623.7	63.32	2907.41	173.57		+0.22	237.11	
		70-S	71	621.6	37	2.9		+1.1	620.7	63.01	2914.17	173.98		+0.24	237.23	
		71-S	75	622.1	40	3.1		+1.1	621.4	63.08	2914.62	174.00		+0.26	237.35	
INTER. (L-154E)		72-S	79	620.2	40	3.1		+1.1	619.5	62.89	2919.55	174.30		+0.28	237.47	
TK-72		L-156E	82	609.3	39	3.0		+1.1	608.5	61.77	2939.36					
		L-158E	86	594.7	36	2.8		+1.1	593.7	60.27	2964.87					
		L-160E	90	593.5	37	2.9		+1.1	592.6	60.16	2969.88					
INTER. (160E)		L-162E	94	596.1	37	2.9		+1.1	595.2	60.42	2967.39	177.15		+0.40	237.98	

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE AUG 9, 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	
	BS#8-A	(L-74E)	0	561.6	26	2.0	-3.7	0	559.9							
L-176E	INTER	TL-64E	6	530.9	24	2.6		0	529.8		3074.34					
		64-S	10	530.5	24	2.6		-1	529.3	53.73	3076.30	183.66		+0.49	237.88	
		65-S	14	521.6	25	2.7		-1	520.5	52.44	3093.71	184.69		+0.51	248.20	X
		66-S	17	512.2	25	2.7		-1	511.1	51.84	3109.64	185.65		+0.53	248.21	X
		67-S	21	507.0	27	2.9		-1	506.1	51.38	3118.97	186.20		+0.55	238.13	
		68-S	25	504.7	27	2.9		-2	503.7	51.14	3123.49	186.47		+0.57	238.18	
		69-S	28	499.2	28	2.9		-2	498.2	50.58	3132.08	186.99		+0.59	238.15	
		70-S	32	501.2	26	2.8		-2	500.1	50.77	3128.99	186.80		+0.61	238.18	
		71-S	36	512.7	26	2.8		-2	511.6	51.94	3110.81	185.72		+0.63	238.28	
		72-S	40	520.8	25	2.7		-3	519.5	52.74	3096.34	184.85		+0.65	238.24	
INTER		L-178E	43	521.3	26	2.8		-3	520.1	52.80	3095.63	184.81		+0.65	238.26	
		L-178E	47	525.5	26	2.8		-3	524.3	53.23	3089.28	184.43				
520.7		L-176E	51	526.5	27	2.9		-3	525.4	53.34	3087.35					
-1.8		L-174E	55	547.0	28	2.9		-3	545.9	55.42	3054.78					
		L-170E	59	554.7	27	2.9		-4	553.5	56.19	3040.60					
		L-170E	63	582.9	26	2.8		-4	581.6	59.04	2996.37					
INTER		L-168E	67	584.8	42	3.2		-4	583.9	59.28	2991.54	178.59		+0.52	238.39	
L-168E		72-S	71	584.0	42	3.2		-5	583.0	59.19	2993.86	178.73		+0.51	238.43	
		71-S	74	577.2	26	2.8		-5	575.8	58.46	3005.22	179.41		+0.49	238.36	
		70-S	78	576.9	27	2.9		-5	575.6	58.43	3005.96	179.46		+0.47	238.36	
		69-S	82	572.8	28	2.9		-5	571.5	58.02	3011.62	179.79		+0.45	238.26	
		68-S	86	572.4	26	2.8		-5	571.0	57.97	3012.79	179.80		+0.43	238.20	

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE AUG 9, 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-168E		67-S	90	572.7	36	2.8	-3.7	-.6	571.2	57.99	3010.30	179.71		+0.41	238.11	
		66-S	94	573.2	34	2.6		-.6	571.5	58.02	3007.95	179.57		+0.39	237.98	
		65-S	98	574.5	37	2.9		-.6	573.1	58.18	3003.36	179.30		+0.37	237.85	
		64-S	101	582.7	35	?	?	-.6	?		2988.30			+0.35		
SENSITIVITY: 15.5	BS 8A		110	561.8	32	2.5	-3.7	-0.7	559.9							
	BS 8A		0	561.5	32	2.5	-4.1	0	559.9							
L-184E		64-S	23	376.0	26	2.0		-.2	371.7	37.73	3328.86	198.77		+0.62	231.08	
		65-S	27	368.4	36	2.8		-.3	366.8	37.24	3338.29	199.30		+0.64	231.17	
		66-S	31	370.1	32	2.5		-.3	368.2	37.38	3336.08	199.16		+0.66	231.20	
		67-S	35	375.9	32	2.5		-.3	374.0	37.97	3327.04	198.62		+0.68	231.27	
		68-S	38	385.3	34	2.6		-.4	383.4	38.92	3310.05	197.61		+0.70	231.27	
		69-S	42	392.8	36	2.8		-.4	391.1	39.70	3296.30	196.79		+0.72	231.21	
		70-S	45	382.6	36	2.8		-.4	380.9	38.67	3313.95	197.84		+0.74	231.25	
		71-S	48	395.2	34	2.6		-.4	393.3	39.93	3292.78	196.57		+0.76	231.26	
		72-S	52	402.8	34	2.6		-.5	400.8	40.69	3278.89	195.75		+0.78	231.22	
TZ-72E		L-184E	60	443.7	33	2.5		-.6	441.5	44.82	3214.44	191.90				
		L-182E	64	474.5	34	2.6		-.6	472.4	47.96	3168.27					
		L-180E	68	504.8	32	2.5		-.6	502.6	51.02	3122.44					
C NOT INTR.)		L-168E	76	591.5	35	2.7		-.7	589.4	59.84	2983.09					
		L-166E	80	597.4	33	2.5		-.7	595.1	60.41	2972.01					
		L-164E	84	601.4	36	2.8		-.8	599.3	60.84	2963.13					
NOT INTR.)		L-162E	89	598.2	36	2.8		-.8	596.1	60.52	2966.32					

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE AUG. 7/76 OPERATOR CHAN INSTRUMENT INSTR. CONSTANT .10/52 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
(INTRK)																
L-136E	B.S. #46	(38-S)	0	740.6	29	2.2	-6.5	0	736.3							
		38-S	3	744.8	34	2.6		0	740.9	75.2	2698.70			-0.67		
	41	39-S	7	758.9	30	2.3		0	754.7	76.62	2675.27	160.44		-0.65	233.41	
40-S	42	40-S	11	778.4	31	2.4		0	774.3	78.61	2641.17	151.20		-0.63	233.17	
	43	41-S	15	789.2	33	2.5		0	785.2	79.71	2613.36	156.01		-0.61	233.11	
	44	42-S	19	801.0	36	2.6		0	797.1	80.92	2590.11	154.63		-0.59	234.96	
	45	43-S	24	831.6	35	2.7		0	827.8	84.04	2533.98	151.28		-0.57	234.75	
	46	44-S	29	851.0	34	2.6		0	847.1	86.00	2497.74	149.13		-0.55	234.58	
	47	45-S	33	865.7	33	2.5		0	861.7	87.48	2475.58	147.80		-0.53	234.75	
	48	46-S	38	869.5	36	2.8		0	865.8	87.90		147.57		-0.51	234.91	
	49	47-S	43	873.3	34	2.6		0	869.4	88.26		147.26		-0.49	235.03	
L-152E	B.S. #35	24-S	103	822.7	35	2.7	-6.5	0	818.9							
L-152E	B.S. #35	24-S	0	822.4	35	2.7	-6.2	0	818.9	83.13	2535.06	151.34		-0.70	233.78	
		25-S	4	840.4	32	2.5		0	836.7	84.94	2504.24	149.50		-0.68	233.76	
		26-S	8	844.4	33	2.5		0	840.7	85.35	2497.02	149.07		-0.66	233.76	
		27-S	12	847.8	36	2.8		-0.1	844.3	85.71	2493.13	148.84		-0.64	233.91	
		28-S	16	854.6	36	2.8		-0.1	851.1	86.40	2501.51	149.34		-0.62	235.12	
		29-S												-0.60		
		30-S	43	856.7	34	2.6		-0.3	852.8	86.58	2499.12	149.20		-0.58	235.19	
		31-S	48	834.0	34	2.6		-0.3	830.1	84.27	2538.07	151.52		-0.56	235.23	
		32-S	53	830.2	32	2.5		-0.3	826.2	83.88	2547.00	152.06		-0.54	235.39	
		33-S	58	837.0	36	2.8		-0.3	833.3	84.60	2535.79	151.39		-0.52	235.46	
		34-S	62	839.3	33	2.5		-0.4	835.2	84.79	2533.54	151.25		-0.50	235.54	
		35-S	67	842.3	35	2.7		-0.4	838.4	85.11	2528.94	150.98		-0.48	235.61	

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P = Elev. Corr.	Lati- tude	Latitude Corr.	P = Bouguer Gravity
		26-S	73	844.7	36	2.8	-6.2	-.4	840.9	85.31	2525.58	150.78		-0.45	235.70
		37-S	79	847.2	33	2.7		-.5	843.2	85.60	2523.69	150.66		-0.43	235.84
		38-S	84	850.0	35	2.7		-.5	846.0	85.89	2520.49	150.47		-0.41	235.95
(O. 0559322)		39-S	90	852.7	36	2.8		-.5	848.8	86.17	2517.98	150.32		-0.39	236.10
		40-S	94	854.9	28	2.9		-.6	851.0	86.39	2517.57	150.30		-0.37	236.32
		41-S	99	855.8	37										
		42-S	103	858.0	35										
OLD NAIL (CENTER)		45-S	108	853.9	30	2.3		-.6	849.4	86.23	2517.57	150.30			
2-160 E	B.S. 37	40-S	118	805.7	34	2.6	+6.2	-0.7	801.4						
(OLD NAIL)	1-60 E	39-S	120	804.6	35	2.7									
CENTER	B.S. 35	40-S	0	804.8	34	2.6	-6.0	0	801.4						
2-160 E	(OLD NAIL)	32-S	16	788.6	32	2.5		0	785.1	79.70	2640.01	151.61		-0.30	231.01
		31-S	35	787.2	35	2.7		-.1	783.8	79.57	2639.85	151.60		-0.3~	236.85
		30-S	39	792.7	34	2.6		-.1	789.2	80.12	2631.04	151.07		-0.34	236.85
		29-S	43	801.4	36	2.8		-.1	798.1	81.02	2612.00	155.94		-0.36	236.60
		28-S	47	803.5	35	2.7		-.1	800.1	81.23	2608.32	155.72		-0.38	236.56
		27-S	51	806.5	35	2.7		-.1	803.1	81.53	2601.23	155.29		-0.40	236.42
(O. 0528037)		26-S	56	811.4	34	2.6		-.2	801.8	82.01	2592.96	154.80		-0.42	236.39
		25-S	60	815.4	30	2.3		-.2	811.5	82.38	2585.12	154.33		-0.44	236.28
		24-S	64	815.2	36	2.8		-.2	811.8	82.41	2584.58	154.30		-0.46	236.25
		23-S	68	818.3	35	2.7		-.2	814.8	82.72	2578.93	153.96		-0.48	236.20
		22-S	73	823.4	30	2.3		-.2	819.5	83.20	2569.74	153.41		-0.50	236.11
		21-S	78	826.2	37	2.9		-.2	822.9	83.54	2562.71	152.99		-0.52	236.01
		20-S	82	831.0	32	2.5		-.2	827.3	83.99	2552.19	152.37		-0.54	235.81

B.S.S 107 805.2 33.25 +6.0 -13 801.4

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE Aug 7, 76 OPERATOR Phon INSTRUMENT INSTR. CONSTANT 10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS #32		0	711.0	40	3/	-118.6	0	595.5							
L-120E		16-5	12	736.0	32	2.5		0	619.9	62.93	2949.06	176.06		-1.36	237.63	
		17-5	16	743.5	36	2.8		- .1	627.6	63.71	2936.41	175.30		-1.33	237.69	
		18-5	20	755.1	34	2.6		- .1	639.0	64.81	2917.37	174.17		-1.31	237.73	
OLD-NAIL		19-5	25	743.1	36	2.8		- .1	627.2	63.67	2938.40	175.42		-1.29	237.81	
		20-5	28	747.1	36	2.8		- .1	631.2	64.08	2932.70	175.08		-1.27	237.89	
		21-5	32	749.3	31	2.4		- .1	633.0	64.26	2930.09	174.93		-1.25	237.94	
		22-5	36	749.2	33	2.5		- .1	633.0	64.26	2929.08	174.87		-1.23	237.90	
		23-5	39	748.0	35	2.7		- .2	631.9	64.15	2930.54	174.95		-1.21	237.89	
swamp -		24-5	- NO READINGS								2928.50			-1.19		
		25-5	47	746.5	37	2.9		- .2	630.6	64.02	2933.54	175.13		-1.17	237.98	
		26-5	50	745.4	36	2.8		- .2	629.4	63.90	2936.19	175.29		-1.15	238.04	
		27-5	54	742.8	33	2.5		- .2	626.5	63.60	2938.01	175.40		-1.13	237.87	
		28-5	58	741.6	31	2.4		- .2	625.2	63.47	2939.94	175.51		-1.11	237.87	
		29-5	62	742.2	33	2.5		- .2	625.9	63.54	2939.24	175.47		-1.09	237.92	
shaky		30-5	66	741.6	34	2.6		- .3	625.3	63.48	2940.59	175.55		-1.07	237.96	
		31-5	70	740.5	35	2.7		- .3	624.3	63.38	2951.19	176.19		-1.05	238.51	
		32-5	74	736.6	33	2.5		- .3	620.2	62.96	2949.40	176.08		-1.03	238.01	
		33-5	78	730.5	35	2.7		- .3	614.3	62.36	2957.63	176.51		-1.01	237.92	
		34-5	82	727.1	35	2.7		- .3	610.9	62.02	2962.19	176.84		-0.99	237.81	
		35-5	86	729.5	36	2.8		- .3	613.4	62.27	2956.76	176.52		-0.97	237.82	
		36-5	89	734.4	36	2.8		- .3	618.3	62.77	2970.73	173.77		-0.95	235.59	XXX
		37-5	92	744.9	33	2.5		- .4	628.4	63.80	2928.64	174.84		-0.93	237.70	
		38-5	96	750.3	34	2.6		- .4	633.9	64.35	2920.62	174.36		-0.91	237.80	
		39-5	99	751.3	37	2.9		- .4	635.2	64.49	2916.85	174.14		-0.89	237.73	
	BS #3-A	46-5	103	753.5	36	2.8	-118.6	-0.4	637.3	64.70	2913.01	173.91		-0.87	237.74	

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GRAVITY DATA

JOB No. DATE Aug 8, 76 OPERATOR CHAN INSTRUMENT INSTR. CONSTANT 10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	B.S. 3-A	40-5	0	751.7	32	2.5	-116.9	0	637.3	64.10	2913.01	173.91		-0.87	237.74	
		41-5	4	753.8	32	2.5		0	639.4	64.91	2908.77	173.65		-0.85	237.72	
		42-5	7	752.3	37	2.9		0	638.3	64.80	2909.92	173.72		-0.83	237.69	
		43-5	11	752.9	38	2.9		0	638.9	64.86	2908.19	173.62		-0.81	237.67	
		44-5	14	750.2	35	2.7		0	636.0	64.57	2910.62	173.76		-0.79	237.54	
		45-5	18	755.6	35	2.7		0	641.4	65.11	2900.05	173.13		-0.77	237.48	
		46-5	22	763.1	37	2.9		- .1	649.0	65.89	2884.36	172.20		-0.75	237.33	
NO STICK CLIFF		47-5	~~26~~	~~764.4~~	~~35~~	~~2.2~~					~~CLIFF~~			-0.73		
		48-5	32	809.5	28	2.2		- .1	694.7	70.53	2801.49	167.25		-0.71	237.06	
		49-5	36	828.3	33	2.5		- .1	713.8	72.46	2767.26	165.21		-0.69	236.98	
		50-5	40	842.2	31	2.4		- .1	727.6	73.87	2739.30	163.54		-0.67	236.73	
		51-5	46	840.7	32	2.5		- .1	726.2	73.72	2735.47	163.31		-0.64	236.39	
		52-5	52	838.4	36	2.8		- .1	724.2	73.52	2743.84	163.81		-0.62	236.71	
CLIFF		53-5									2739.83			-0.60		
		54-5	64	848.0	33	2.5		- .2	733.4	74.45	2730.50	163.01		-0.58	236.89	
NO NAIL		55-5	68	856.2	36	2.8		- .2	741.9	75.32	2716.21	162.16		-0.56	236.92	
		56-5	72	874.0	36	2.8		- .2	759.7	77.12	2684.22	160.25		-0.54	236.83	
		57-5	76	878.6	35	2.7		- .2	764.2	77.58	2677.15	159.83		-0.52	236.89	
		58-5	80	881.4	36	2.8		- .2	767.1	77.88	2672.71	159.56		-0.50	236.94	
		59-5	84	883.2	37	2.9		- .2	769.0	78.07	2664.75	159.09		-0.48	236.67	
		60-5	88	893.3	38	2.9		- .2	779.1	79.09	2645.47	159.93		-0.46	236.57	
		61-5	92	897.7	36	2.8		- .2	783.4	79.53	2636.44	159.40		-0.44	236.49	
		62-5	96	898.0	34	2.6		- .2	783.5	79.54	2639.57	159.58		-0.42	236.70	
		63-5	99	895.7	35	2.7		- .3	781.2	79.31	2644.63	159.88		-0.40	236.79	
		64-5	103	895.0	35	2.7		- .3	780.5	79.24	2646.44	159.99		-0.38	236.85	

PETER E. WALCOTT & ASSOC. LTD.																
GRAVITY DATA																
PAGE No. 3		JOB No.		DATE AUG 8, 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.	P = Elev. Corr.	Latitude	Latitude Corr.	P = Bouguer Gravity	
RESRT																
L-136E	BS#53	72-S	0	738.8	37	2.9	-1.8	0	739.9	75.11	2691.78	160.70		+0.1	235.91	
		71-S	4	748.8	41	3.2		0	750.2	76.16	2671.56	159.49		-0.1	235.55	
		70-S	8	760.2	33	2.5		0	760.9	77.25	2651.91	158.32		-0.3	235.27	
		69-S	11	773.6	36	2.8		0	774.6	78.64	2627.47	156.86		-0.5	235.00	
		68-S	15	788.5	39	3.0		-1	789.6	80.16	2601.65	155.32		-0.7	234.78	
		67-S	19	804.2	36	2.8		-1	805.1	81.73	2575.04	153.73		-0.9	234.56	
		66-S	23	816.9	39	3.0		-1	818.0	83.04	2554.64	152.51		-1.1	234.46	
		65-S	27	826.8	33	2.5		-1	827.4	84.00	2564.12	153.08		-0.13	236.95	?
		64-S	30	835.2	37	2.9		-1	836.2	84.89	2525.26	150.76		-0.15	235.50	
		63-S	34	842.1	33	2.5		-2	842.6	85.54	2516.05	150.21		-0.17	235.58	
		62-S	37	846.0	31	2.4		-2	846.4	85.93	2509.55	149.82		-0.19	235.56	
		61-S	40	851.2	39	3.0		-2	852.2	86.52	2501.19	149.32		-0.21	235.67	
		60-S	44	854.5	38	2.9		-2	855.4	86.84	2495.79	149.00		-0.23	235.61	
		59-S	48	856.3	38	2.9		-2	857.2	87.02	2493.23	148.85		-0.25	235.62	
		58-S	52	857.2	38	2.9		-2	858.1	87.11	2492.40	148.80		-0.27	235.64	
		57-S	55	855.1	36	2.8		-2	855.9	86.89	2496.07	149.02		-0.29	235.62	
		56-S	58	857.9	35	2.7		-3	858.5	87.15	2489.75	148.64		-0.31	235.48	
		55-S	62	879.7	35	2.7		-3	880.3	89.37	2450.18	146.28		-0.33	235.31	
		54-S	65	879.7	38	2.9		-3	880.5	89.39	2450.91	146.32		-0.35	235.36	
		53-S	69	879.2	36	2.8		-3	879.9	89.33	2451.71	146.37		-0.37	235.32	
		52-S	72	879.1	36	2.8		-3	879.8	89.32	2451.87	146.38		-0.39	235.30	
		creek														
L-128E		62-S	84	888.9	34	2.6		-4	888.0	90.23				-0.30		
		63-S	88	889.3	36	2.8		-4	889.9	90.34				-0.28		

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P= Elev. Corr.	Lati- tude	Latitude Corr.	P= Bouguer Gravity
L-128E		64-S	91	888.9	36	2.8	-1.8	-.4	889.5	90.30	2432.86	145.24		-0.26	235.28
		65-S	95	888.2	38	2.9		-.4	888.9	90.24	2431.65	145.17		-0.24	235.17
		66-S	99	887.4	35	2.7		-.4	887.9	90.14	2431.08	145.14		-0.22	235.06
		67-S	103	881.5	36	2.8		-.5	882.0	89.54	2438.39	145.51		-0.20	234.91
		68-S	107	868.2	34	2.6		-.5	868.5	88.17	2462.66	147.02		-0.18	235.01
(10.00444)		69-S	110	855.5	32	2.5		-.5	855.7	86.87	2486.48	148.44		-0.16	235.15
		70-S	114	852.8	34	2.6		-.5	853.1	86.61	2488.19	148.54		-0.14	235.01
		71-S	117	862.7	32	2.5		-.5	862.9	87.60	2469.10	147.41		-0.12	234.89
		72-S	120	865.9	34	2.6		-.5	866.2	87.94	2461.71	146.96		-0.10	234.80
L-136F	B5 #13	72-S	135	739.3	39	3.0	-1.8	-0.6	739.9						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE Aug. 9/76 OPERATOR B.M.

INSTRUMENT

INSTR. CONSTANT

10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L152E	BS #39		0	866.0	38	3.0	-110.2	0	758.8							
INT. 67+82N		INT.	19	604.0	29	2.3		0	496.1	49.73	3138.02	187.34		-2.56	234.51	
		68N	23	601.7 604.0	33	2.6		-1	494.0	49.52	3140.50	187.49		-2.56	234.45	
			27	599.8	39	3.1		-1	492.6	49.38	3142.23	187.59		-2.58	234.39	
		70N	29	598.3	41	3.2		-1	491.2	49.24	3143.63	187.67		-2.60	234.31	
			33	590.0	34	2.7		-1	482.4	48.36	3158.81	188.58		-2.62	234.32	
		72N	36	587.4	38	3.0		-1	480.1	48.13	3162.93	188.87		-2.64	234.31	
			39	584.3	32	2.5		-1	476.5	47.76	3169.20	189.20		-2.66	234.31	
		74N	42	581.9	34	2.7		-1	474.3	47.54	3173.45	189.45		-2.68	234.32	
			45	579.8	34	2.7		-1	472.2	47.33	3177.76	189.71		-2.70	234.35	
		76N	49	574.3	37	2.9		-1	466.9	46.80	3187.70	190.31		-2.72	234.39	
		77N	52	569.8	36	2.8		-1	462.3	46.34	3196.07	190.81		-2.74	234.41	
		78														
L144E																
		78N	67	438.9	37	2.9		-2	331.4	33.22	3428.81	204.70		-2.89	235.03	
			71	439.8	38	3.0		-2	332.4	33.32	3426.97	204.59		-2.87	235.04	
		76N	73	440.3	34	2.7		-2	332.6	33.34	3426.98	204.59		-2.85	235.08	
			76	439.7	35	2.7		-2	332.0	33.28	3426.94	204.59		-2.83	235.04	
		74N	79	443.6	38	3.0		-2	336.2	33.70	3419.40	204.14		-2.81	235.03	
			82	449.4	32	2.5		-2	341.5	34.23	3410.01	203.58		-2.79	235.02	
		72N	86	464.0	38	3.0		-2	356.6	35.15	3387.05	202.21		-2.77	235.18	
			88	460.0	33	2.6		-2	352.2	35.30	3395.28	202.70		-2.75	235.25	
		70N	92	462.3	39	2.7		-2	354.6	35.55	3391.40	202.47		-2.73	235.28	
			95	465.2	36	2.8		-2	357.6	35.85	3386.28	202.16		-2.71	235.30	

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 144E					36											
6																
INT 142+53E																
68 + 26N					34											
(0.002635)		INT 66N	98	468.9	34	2.7		-1.3	361.1	36.0 3380.26						
	B.S.#38		114	380.3	37	2.9	-110.2	-0.3	272.7							
L 136-E	B.S.#38		0	380.0	37	2.9	-110.2	0	272.7							
		32-N	40	615.1	39	3.1		+0.2	508.2	50.94	3137.94	187.34		-2.07	236.21	
			44	620.8	33	2.6		+0.3	513.5	51.47	3129.23	186.82		-2.05	236.24	
		30	48	625.9	37	2.9		+0.3	518.9	52.01	3119.98	186.26		-2.03	236.25	
			51	634.2	37	2.9		+0.3	527.2	52.85	3107.09	185.49		-2.01	236.33	
		28	54	639.7	37	2.9		+0.3	532.7	53.40	3098.36	184.97		-1.99	236.38	
			57	646.2	39	3.1		+0.3	539.4	54.07	3088.13	184.36		-1.97	236.46	
		26	60	650.1	36	2.8		+0.4	543.1	54.44	3082.78	184.04		-1.95	236.53	
(-10059A06)			63	655.5	36	2.8		+0.4	548.5	54.98	3075.24	183.59		-1.93	236.64	
		24	67	658.9	40	3.1		+0.4	552.2	55.35	3069.27	183.24		-1.91	236.68	
			70	662.2	41	3.2		+0.4	555.6	55.69	3063.98	182.92		-1.89	236.72	
		22	74	666.3	42	3.3		+0.4	559.8	56.11	3057.29	182.52		-1.87	236.76	
			78	670.2	36	2.8		+0.5	563.3	56.47	3051.26	182.16		-1.85	236.78	
		20-N	81	674.3	38	3.0		+0.5	567.6	56.90	3043.57	181.70		-1.83	236.77	
	B.S.#33		101	838.7	37	2.9	-110.2	+0.6	732.0							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No. W-220 DATE JULY 12, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT -10024 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	
	B.S. #42		0	803.5	30	2.3	-956.3	0	-150.5	-15.19						
L-24E		1-N	4	796.1	31	2.4		0	-157.8	-15.82	4257.68	254.18		-4.40	233.96	
		2-N	8	791.8	32	2.5		0	-162.0	-16.24	4264.27	254.58		-4.42	233.92	
		3-N	11	788.5	32	2.5		0	-165.3	-16.57	4269.40	254.88		-4.44	233.87	
		4-N	14	781.9	33	2.6		0	-171.8	-17.22	4279.00	255.46		-4.46	233.78	
		5-N	17	773.6	33	2.6		0	-180.1	-18.05	4293.17	256.30		-4.48	233.77	
		6-N	20	758.9	34	2.7		0	-194.7	-19.52	4314.78	257.59		-4.50	233.57	
		7-N	24	746.9	30	2.3		0	-207.1	-20.76	4333.43	258.71		-4.52	233.43	
		8-N	27	736.1	34	2.7		0	-217.5	-21.80	4349.92	259.69		-4.54	233.35	
		9-N	31	723.0	32	2.5		-1	-230.9	-23.15	4369.61	260.87		-4.56	233.16	
		10-N	34	703.6	34	2.7		-1	-250.1	-25.07	4400.40	262.70		-4.58	233.05	
		11-N	37	687.0	33	2.6		-1	-266.8	-26.74	4427.01	264.29		-4.60	232.95	
		12-N	41	679.7	33	2.6		-1	-274.1	-27.48	4439.43	265.03		-4.62	232.93	
		13-N	45	672.5	35	2.7		-1	-281.2	-28.19	4450.20	265.68		-4.64	232.85	
		14-N	49	661.1	34	2.7		-1	-292.6	-29.33	4468.00	266.74		-4.66	232.75	
		15-N	52	650.9	34	2.7		-1	-302.8	-30.35	4482.93	267.63		-4.68	232.60	
		16-N	56	635.5	31	2.4		-1	-318.5	-31.93	4507.38	269.09		-4.70	232.46	
		17-N	60	621.7	33	2.6		-1	-332.1	-33.29	4526.64	270.24		-4.72	232.23	
		18-N	64	605.5	34	2.7		-1	-348.2	-34.90	4553.39	271.84		-4.74	232.20	
		19-N	67	586.5	31	2.4		-1	-367.5	-36.84	4582.91	273.60		-4.76	232.00	
		20-N	70	563.8	24	1.9		-1	-390.7	-39.16	4617.34	275.66		-4.78	231.72	
		21-N	74	535.6	31	2.4		-1	-418.4	-41.94	4659.48	278.17		-4.80	231.43	
		22-N	78	519.0	33	2.6		-1	-434.8	-43.58	4686.14	279.76		-4.82	231.36	
		23-N	82	505.6	35	2.7		-1	-448.1	-44.92	4706.67	280.99		-4.84	231.23	
		24-N	86	494.8	34	2.7		-2	-459.0	-46.01	4724.14	282.03		-4.86	231.16	

PAGE No. 2

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. W-220 DATE JULY 12, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT - 10024 LATITUDE

CHECKED

[illegible]

JOB No. *1N-220* - DATE *JULY 12 76* OPERATOR

C. CHAN

INSTRUMENT

INSTR. CONSTANT $.100 \text{ } \mu\text{A}$

LATITUDE

CHECKED

[illegible]

CHECKED

[illegible]

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job #	Date	Operator	Instrument	Instr. Constant	Latitude	Checked										
Remarks	Base	Station	Time	Read ing	HI	HI corr	Drift ft	Corr. Reading	Drift ft in Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity	
L24E	BS#2		0	388.2	27	2.1	-339.0	+51.3								
MOSS-SHAKY		27N	10	394.4	30	2.3	0	+57.7		5.86	3901.47	232.92		-3.70	235.08	
		28N	19	393.0	29	2.2	0	+56.2		5.71	3901.23	232.90		-3.72	234.89	
		29N	26	391.8	32	2.5	0	+55.3		5.62	3902.87	233.00		-3.74	234.88	
		30N	34	387.1	29	2.2	0	+50.3		5.11	3909.12	233.37		-3.76	234.72	
		31N	43	372.3	32	2.5	0	+35.8		3.64	3931.02	234.60		-3.78	234.54	
		32N	48	375.1	30	2.3	0	+38.4		3.90	3927.48	234.47		-3.80	234.57	
		33N	53	370.7	32	2.5	0	+34.2		3.47	3934.99	234.92		-3.82	234.57	
		34N	65	359.4	28	2.2	+1	+22.7		2.31	3953.93	236.05		-3.84	234.52	
		35N	69	357.5	30	2.3	+1	+20.9		2.12	3958.11	236.30		-3.86	234.56	
		36N	75	344.6	32	2.5	+1	+8.2		.83	3978.33	237.51		-3.88	234.46	
		37N	82	338.0	28	2.2	+1	+1.3		.13	3989.93	238.20		-3.90	234.43	
		38N	90	332.4	30	2.3	+1	-4.2		-0.43	3991.32	238.28		-3.92	233.94	
		39N	97	325.7	27	2.1	+1	-11.1		-1.13	4010.89	239.45		-3.94	234.38	
		40N	107	318.4	31	2.4	+1	-18.1		-1.84	4022.59	240.15		-3.96	234.35	
BS#6		41N	113	311.5	28	2.2	+1	-25.4		-2.58	4034.95	240.89		-3.98	234.33	1
	BS#6	42-N	120	304.4	29	2.2	-339.0	-32.3		-3.28	4046.98	241.60		-4.00	234.32	
L16E		22-S	17	280.7	29	2.2	+1	-55.8		-5.67	4098.94	244.71		-4.05	234.99	
		23-S	23	281.8	34	2.6	+1	-54.4		-5.53	4094.87	244.46		-4.03	234.91	
		24-S	30	285.0	35	2.7	+1	-51.1		-5.19	4089.20	244.13		-4.01	234.92	
		25-S	37	288.4	30	2.3	+1	-48.1		-4.89	4084.38	243.84		-3.99	234.96	
		26-S	43	293.3	31	2.4	+2	-43.0		-4.37	4076.61	243.37		-3.97	235.04	
		27-S	47	297.9	31	2.4	+2	-38.4		-3.90	4068.63	242.90		-3.95	235.05	
		28-S	52	299.4	30	2.3	+2	-37.0		-3.76	4065.45	242.71		-3.93	235.00	
		29-S	57	303.3	32	2.5	+2	-33.0		-3.35	4058.54	242.29		-3.91	235.03	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job #	Date	Operator	Instrument	Instr. Constant	Latitude		Checked								
Remarks	Base	Station	Time	Read ing	HI	HI corr	^{-338.9} Dri- ft ft	Corr. Reading	Drift in Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity
L-16E		30-S	62	309.2	32	2.6	+2	-21.0		-2.74	4048.84	241.72		-3.89	235.08
		31-S	67	323.2	35	2.7	+3	-12.7		-1.29	4025.72	240.34		-3.87	235.18
		32-S	72	328.7	33	2.6	+3	-7.4		-0.75	4017.47	239.84		-3.85	235.24
		33-S	78	335.2	34	2.6	+3	-0.8		-0.08	4007.47	239.25		-3.83	235.33
		34-S	83	336.8	28	2.2	+3	+0.4		+0.04	4005.98	239.16		-3.80	235.40
		35-S	88	336.5	31	2.4	+3	+0.3		+0.03	4007.46	239.25		-3.78	235.50
(.003676471)		36-S	93	337.7	32	2.5	+3	+1.6		+0.16	4005.97	239.16		-3.76	235.56
		37-S	102	342.0	36	2.8	+4	+6.3		+0.64	3999.40	238.76		-3.74	235.66
		38-S	110	346.2	28	2.2	+4	+9.9		+1.01	3994.35	238.46		-3.72	235.75
		39-S	114	348.9	29	2.2	+4	+12.6		+1.28	3990.61	238.24		-3.70	235.82
		40-S	120	351.3	31	2.4	+4	+15.2		+1.54	3987.37	238.05		-3.68	235.91
	BS#2		136	387.5	28	2.2	^{-338.9} +0.5	+51.3							

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job #	Date	Operator	Instrument	Instr. Constant		Latitude	Checked								
Remarks	Base	Station	Time	Reading	HI	HI corr	Drift ft	Corr. Reading	Drift ft in Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity
L 24-E	B.S.#1		0	318.5	28	2.2	0	-19.9							
Rd. 14+10N		14N	9	375.6	27	2.1	0	+37.1		3.71	3955.72	236.16		-3.43	236.50
		13	16	378.6	28	2.2	+1	+40.3		4.09	3951.57	235.91		-3.41	236.59
		12	23	379.3	29	2.2	+1	+41.0		4.16	3950.53	235.85		-3.39	236.62
		11	30	379.1	26	2.0	+1	+40.6		4.12	3952.06	235.94		-3.37	236.69
		10	56	382.4	30	2.3	+2	+44.3		4.50	3945.88	235.57		-3.35	236.72
		9	50	390.2	26	2.0	+2	+51.8		5.26	3932.74	234.78		-3.33	236.72
		8	53	392.4	24	1.9	+2	+53.9		5.48	3929.01	234.56		-3.31	236.73
		7	56	410.2	24	1.9	+2	+71.7		7.28	3901.04	232.89		-3.28	236.90
		6	70	415	27	2.1	+3	+76.8		7.80	3893.72	232.46		-3.26	237.00
(.0637736)		5	75	425.4	29	2.2	+3	+81.3		8.87	3876.87	231.45		-3.24	237.08
		4	79	434.0	26	2.0	+3	+95.7		9.72	3864.67	230.72		-3.22	237.22
		3	81	435.9	26	2.0	+3	+97.6		9.91	3862.32	230.58		-3.20	237.49
		2	84	435.6	27	2.1	+3	+97.4		9.89	3864.65	230.72		-3.18	237.43
		1	88	442.8	27	2.1	+3	+104.6		10.63	3853.25	230.04		-3.16	237.50
SWAMP?	BK.	N.R.						-11.0						-3.14	
	B.S.#1		106	318.3	26	2.0	+0.4	-19.8							
L16-E	B.S.#1		0	317.9	26	2.0	0	-19.9							
		475	7	341.6	27	2.1	0	+3.9		.40	4006.30	239.18		-3.54	236.03
		48	13	343.9	27	2.1	0	+6.2		.63	4001.71	238.90		-3.52	236.01
		49	16	354.5	26	2.0	0	+16.7		1.70	3985.31	237.92		-3.50	236.12
		50	21	362.2	29	2.2	-1	+24.5		2.49	3972.45	237.16		-3.48	236.16
		51	26	369.5	27	2.1	-1	+31.7		3.22	3961.57	236.51		-3.46	236.27
		52	30	378.4	28	2.2	-1	+40.7		4.13	3946.90	235.63		-3.43	236.33
		53	35	383.3	28	2.2	-1	+45.6		4.63	3940.21	235.23		-3.41	236.45

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date June 1/76 Operator S.F. & T.K. Instrument Instr. Constant Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Dri- ft ft	Corr. Reading	Drift ft Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lat- tude	Lat- tude Corr.	Bouguer Gravity	
L16-E		54.5	40	386.925	2.2	-1	-339.8	+49.2		5.00	3934.97	234.92		-3.39	236.53	
		55	46	395.232	2.5	-1	-339.8	+57.0		5.81	3921.69	234.12		-3.37	236.63	
		56	51	405.530	2.3	-2	-339.8	+70.8		7.19	3900.53	232.86		-3.35	236.70	
(0030928)		57	58	424.327	2.1	-2	-339.8	+86.4		8.78	3875.61	231.37		-3.33	236.82	
		58	61	430.926	2.0	-2	-339.8	+92.9		9.44	3867.79	230.91		-3.31	237.03	
Swamp		59	68	435.128	2.2	-2	-339.8	+97.3		9.88	3864.36	230.70		-3.29	237.30	
N650-5																
		B.L.	75	433.727	2.1	-2	-339.8	+95.8		9.73	3868.77	230.97		-3.29	237.45	
L16E	B.S.#1		97	318.029	2.2	-3	-339.8	-19.9								
L24E	B.S.#1		0	318.230	2.3	0	-340.4	-19.9								
TK L24E		14.N	22	375.224	1.8	+1	-340.4	+36.7		3.73	3955.67	236.15		-3.43	236.45	
		15.N	37	376.128	2.2	+2	-340.4	+38.1		3.87	3952.46	235.96		-3.45	236.38	
VERY SHAKY GROUND (MOSS)		16.N	51	375.531	2.4	+2	-340.4	+37.7		3.83	3950.57	235.85		-3.47	236.21	
		17.N	58	374.125	1.9	+3	-340.4	+35.9		3.65	3950.23	235.83		-3.49	235.99	
		18.N	65	373.628	2.2	+3	-340.4	+35.7		3.63	3951.22	235.89		-3.51	236.00	
		19.N	70	372.829	2.2	+3	-340.4	+34.9		3.55	3951.22	235.89		-3.53	235.90	
		20.N	76	375.627	2.1	+4	-340.4	+37.7		3.83	3946.00	235.58		-3.55	235.86	
		21.N	85	377.328	2.2	+4	-340.4	+39.5		4.01	3940.71	235.26		-3.57	235.70	
TIE LINE		22.N	93	378.431	2.4	+4	-340.4	+40.8		4.14	3936.57	235.01		-3.59	235.57	
		23.N	98	382.629	2.2	+5	-340.4	+44.9		4.56	3928.77	234.55		-3.61	235.50	
		24.N	106	385.429	2.2	+5	-340.4	+47.7		4.85	3922.38	234.17		-3.63	235.38	
(00472441)		25.N	115	390.230	2.3	+5	-340.4	+52.6		5.34	3913.13	233.61		-3.65	235.31	
		26.N	120	392.731	2.4	+6	-340.4	+55.3		5.62	3906.68	233.23		-3.67	235.18	
	B.S.#2		127	388.928	2.2	+0.6	-340.4	+51.53								

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE Aug 3, 76

OPERATOR

CROWN

INSTRUMENT

INSTR. CONSTANT -10152

LATITUDE

CHECKED

[illegible]

PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE

OPERATOR

INSTRUMENT

INSTR. CONSTANT

.10158

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	
	35 ¹⁰ 2		0	289.8	28	2.2	-340.7	0	+51.3							
ON CAT #9. 50ft. WEST OF SE	35 ¹⁰ 7		31	289.7	28	2.2	-340.7	-3	-49.1	(-49.2)						
< 85		31.5	41	290.9	28	2.2		-4	-48.0	-4.88	4093.85	244.40		-3.99	235.54	
		32.5	48	290.7	27	2.1		-5	-48.4	-4.92	4092.66	244.33		-3.97	235.46	
		33	53	295.7	25	1.9		-5	-43.6	-4.43	4086.07	243.94		-3.95	235.56	
		34	58	298.1	21	1.6		-6	-41.6	-4.23	4081.09	243.64		-3.92	235.50	
		35	62	299.5	27	2.1		-6	-39.7	-4.03	4083.54	243.79		-3.90	235.85	*
		36	59	301.2	31	2.4		-7	-37.8	-3.84	4076.36	243.36		-3.88	235.64	
		37	73	302.8	26	2.0		-7	-36.6	-3.72	4074.47	243.25		-3.86	235.67	
		38	77	304.4	24	1.9		-8	-34.8	-3.53	4071.74	243.08		-3.84	235.71	
		40	82	307.4	24	1.9		-8	-32.2	-3.27	4068.70	242.90		-3.82	235.81	
		41	85	310.7	28	2.2		-9	-28.7	-2.92	4064.42	242.65		-3.80	235.93	
(0.0102564)		42	90	311.7	28	2.2		-9	-27.7	-2.81	4062.57	242.54		-3.78	235.94	
		43	94	315.2	27	2.1		-1.0	-24.4	-2.48	4058.32	242.28		-3.76	236.04	
		44	98	314.5	26	2.0		-1.0	-25.2	-2.56	4059.60	242.36		-3.74	236.06	
		45	105	318.4	30	2.3		-1.1	-21.1	-2.14	4054.72	242.07		-3.72	236.20	
		46	109	342.6	30	2.3		-1.1	-20.9	-2.12	4054.81	242.08		-3.70	236.26	
		47	113	317.3	29	2.2		-1.2	-22.4	-2.28	4057.18	242.21		-3.68	236.26	
B.S. #1			117	319.8	29	2.2	-340.7	-1.2	-19.9	-2.02						
	35 ¹⁰ 1		0	319.8	29	2.2	-341.9	0	-19.9							
< 165		46.5	8	343.1	27	2.1		+1	+3.4	+0.35	4007.00	239.22		-3.56	236.00	
		45	14	347.5	25	1.9		+1	+7.6	+0.77	4000.31	238.82		-3.58	236.01	
		44	17	350.0	22	1.7		+2	+10.0	+1.02	3996.43	238.59		-3.60	236.00	
		43	22	353.0	26	2.0		+2	+13.3	+1.35	3990.48	238.23		-3.62	235.96	
		42	26	355.0	29	2.2	-341.9	+3	+15.6	+1.58	3986.12	237.97		-3.64	235.92	

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE

OPERATOR

INSTRUMENT

INSTR. CONSTANT

LÁTITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P= Elev. Corr.	Lati- tude	Latitude Corr.	P= Bouguer Gravity
<16-E		41.5	30	334.4	25	1.9	-34.9	+1.3	+147	+1.49	3986.57	238.00		-3.66	235.83
(-10105532)	B57		47	290.4	24	1.9	-34.9	+0.4	-49.2						
<18-E	B57		0	290.4	24	1.9	-34.0	0	-49.2	48.1					
		30-5	5	287.0	31	2.4		0	-51.6	-5.24	4100.58	244.80		-4.01	235.55
		29-5	11	282.3	29	2.2		0	-56.5	-5.74	4119.18	245.92		-4.02	236.16
		28	15	279.2	27	2.1		0	-59.7	-6.00	4114.54	245.64		-4.05	235.52
		27	19	271.1	27	2.1		0	-61.8	-6.89	4117.14	245.79		-4.07	234.84
		26	27	269.2	26	2.2		0	-69.6	-7.07	4119.44	245.93		-4.09	234.77
		25	34	268.2	25	2.2		0	-70.6	-7.17	4121.91	246.08		-4.11	234.80
		24	39	265.5	29	2.2		0	-73.3	-7.45	4124.85	246.25		-4.13	234.68
		23	44	265.1	23	1.8		0	-74.1	-7.53	4126.46	246.35		-4.15	234.67
		22	50	262.1	30	2.3		0	-76.6	-7.78	4130.39	246.58		-4.17	234.63
		21	55	259.6	24	1.9		-1	-79.6	-8.09	4134.12	246.81		-4.19	234.53
		20	61	256.4	24	1.9		-1	-82.8	-8.41	4139.45	247.13		-4.21	234.50
		19	65	251.5	28	2.2		-1	-87.4	-8.88	4142.05	247.58		-4.23	234.47
		18	68	247.6	28	2.2		-1	-91.3	-9.27	4152.29	247.89		-4.25	234.37
		17	71	240.5	30	2.3		-1	-98.3	-9.99	4164.00	248.59		-4.27	234.34
		16	74	237.3	28	2.2		-1	-101.6	-10.32	4170.40	248.97		-4.30	234.35
	B52		101	390.2	28	2.2	-34.0	-0.4	+51.3						

GRAVITY DATA

JOB No. DATE Aug 3, 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. 0.597	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS #20		0	511.1	34	2.6	435.3	0	78.4	7.96						
	T1-20	L-14E	12	555.8	36	2.8		-0.1	123.2	12.51	3839.90	229.24		-2.88	238.87	
		L-12E	16	574.8	34	2.6		-0.1	142.0	14.42	3808.24	227.35		-2.91	238.86	
		L-10E	20	594.2	30	2.3		-0.1	161.0	16.34	3775.71	225.41		-2.94	238.81	
Ston p		L-8E	24	602.2	29	2.2		-0.2	168.9	17.15	3761.50	224.56		-2.98	238.73	
Shaky		L-6E	28	602.3	26	2.0		-0.2	168.8	17.14	3760.49	224.50		-3.01	238.63	
		L-4E	32	597.0	24	2.6		-0.2	164.1	16.66	3770.38	225.09		-3.04	238.71	
		L-2E	36	582.0	24	1.9		-0.2	148.4	15.07	3798.96	226.80		-3.07	238.80	
		L-0	40	566.5	30	2.3		-0.2	133.3	13.53	3827.01	228.47		-3.10	238.90	
(0.00006)		L-2W	43	546.6	36	2.8		-0.3	113.8	11.55	3863.06	230.62		-3.13	239.04	
		L-4W	47	552.5	30	2.3		-0.3	119.2	12.10	3858.25	230.34		-3.16	239.28	
		L-6W	51	545.7	35	2.7		-0.3	112.8	11.45	3868.98	230.98		-3.19	239.24	
INTER		L-8W	55	547.0	32	2.5		-0.3	113.9	11.56	3870.35	231.06		-3.22	239.40	
L-0		L-0	64	566.6	32	2.5		-0.4	133.4	13.54	3827.01	228.47		-3.10	238.91	
L-0		21-S	67	572.6	38	2.9		-0.4	139.8	14.19	3808.92	227.39		-3.08	238.50	
		22-S	71	581.4	34	2.6		-0.4	148.3	15.06	3802.25	226.99		-3.06	238.99	
		23-S	74	586.0	31	2.4		-0.5	152.6	15.49	3795.45	226.59		-3.04	239.04	
		24-S	78	591.1	34	2.6		-0.5	157.9	16.03	3787.49	226.11		-3.02	239.12	
		25-S	81	594.8	34	2.6		-0.5	161.6	16.41	3781.78	225.77		-3.00	239.18	
		26-S	84	595.7	37	2.9		-0.5	162.8	16.83	3779.20	225.62		-2.98	239.16	
L-8E	shaky	21-S	92	603.5	24	1.9		-0.6	169.5	17.21	3761.68	224.57		-2.96	238.82	
		22-S	96	602.2	36	2.8		-0.6	169.1	17.17	3762.44	224.62		-2.94	238.85	
		23-S	99	600.8	34	2.6		-0.6	167.5	17.01	3767.41	224.91		-2.92	239.00	
		24-S	103	596.5	33	2.6		-0.6	163.2	16.55	3774.58	225.34		-2.90	238.99	

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.	DATE	Aug 3, 76	OPERATOR	CHAN	INSTRUMENT	INSTR. CONSTANT	110152	LATITUDE	CHECKED
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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE JULY 13/76 OPERATOR G.M.

INSTRUMENT

INSTR. CONSTANT

.0024 LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. B. E	BS#42		0	806.5	30	2.3	-959.3	0	-150.5							
	01	0400	17	740.0	30	2.3		0	-217.0	-21.75	4347.58	259.55		-4.65	233.15	
			22	740.7	28	2.2		0	-216.4	-21.69	4346.30	259.47		-4.67	233.11	
SITAKAY →		2-N	28	739.6	30	2.3		-1	-217.5	-21.80	4345.94	259.45		-4.69	232.96	
			32	729.3	36	2.8		-1	-227.3	-22.78	4360.70	260.33		-4.71	232.84	
		4-N	36	719.6	30	2.3		-1	-237.5	-23.81	4376.12	261.25		-4.73	232.72	
			39	709.4	30	2.3		-1	-241.7	-24.83	4391.67	262.18		-4.75	232.60	
		6-N	43	699.1	30	2.3		-1	-258.0	-25.86	4407.06	263.10		-4.77	232.47	
			47	687.0	30	2.3		-1	-270.1	-27.07	4425.30	264.19		-4.80	232.32	
		8-N	51	671.1	32	2.5		-1	-285.8	-28.65	4450.06	265.67		-4.82	232.20	
			56	656.1	30	2.3		-1	-301.0	-30.17	4473.71	267.08		-4.84	232.07	
		10-N	59	637.7	33	2.6		-1	-319.1	-31.99	4501.58	268.74		-4.86	231.90	
WINDY →			63	625.5	26	2.0		-1	-331.9	-33.27	4522.60	270.00		-4.88	231.85	
		12-N	67	622.9	28	2.2		-1	-334.3	-33.51	4526.62	270.24		-4.90	231.83	
			71	612.8	29	2.3		-1	-344.3	-34.51	4542.18	271.17		-4.92	231.74	
STN ON RIDGE →		14-N	77	583.6	27	2.1		-2	-373.8	-37.47	4584.47	273.69		-4.94	231.28	*
LONG WAY FROM			80	594.1	28	2.2		-2	-363.2	-36.41	4572.98	273.01		-4.96	231.64	
		16-N	83	592.3	24	1.9		-2	-365.3	-36.62	4575.28	273.14		-4.98	231.55	
			88	586.2	22	1.7		-2	-371.6	-37.25	4584.65	273.70		-5.00	231.45	
		18-N	92	578.4	27	2.1		-2	-379.0	-37.99	4596.18	274.39		-5.02	231.38	
			96	559.6	35	2.7		-2	-397.2	-39.82	4625.11	276.12		-5.04	231.26	
		20-N	99	548.5	31	2.4		-2	-408.6	-40.96	4641.89	277.12		-5.06	231.10	
			103	534.9	30	2.3		-2	-422.3	-42.33	4662.17	278.33		-5.09	230.91	
		22-N	107	513.9	37	2.9		-2	-442.7	-44.38	4693.25	280.19		-5.11	230.70	
		23-N	111	497.9	33	2.6	-959.3	-2	-459.0	-46.01	4717.95	281.66		-5.13	230.52	

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. 8-E		24-N	116	478.2	32	2.5	-959.3	-2	-478.8	-479.9	4747.16	283.41		-5.15'	230.26	
			119	455.6	29	2.3		-2	-501.6	-50.28	4781.57	285.46		-5.17	230.01	*
(.0020408)		26-N	123	436.3	35	2.7		-3	-520.6	-52.18	4811.18	287.23		-5.19	229.85	
			129	428.5	33	2.6		-3	-528.5	-52.98	4824.43	288.02		-5.21	229.83	
		28-N	130	411.9	34	2.7		-3	-545.0	-54.62	4848.60	289.46		-5.23	229.60	
INT. 29+20-N 6+79-E		~~29-N~~	135	395.6	33	2.6		-3	-561.4	-56.27	4871.93	290.85		-5.25	229.33	
		INT.		No	NAI			-3								
		30-N	140	383.8	31	2.4		-3	-593.4	-57.48	4890.99	291.99		-5.27	229.24	
		31-N	143	373.4	31	2.4		-3	-583.8	-58.52	N.R.			-5.29	N.R.	
	BS#48		147	379.2	32	2.5	-959.3	-0.3	-577.9							
T.L. 31-N	BS#48		0	379.2	32	2.5	-959.6	0	-577.9							
		6-E	2	388.4	33	2.6		0	-568.6	-57.00	4885.44	291.66		-5.24	229.42	
		INT. NO NAI	8-E	6	412.0	30	2.3	0	-545.3	-54.66	4847.22	289.38		-5.21	229.51	
(.0065217)		10-E	11	439.7	26	2.0		-1	-518.0	-51.92	4803.56	286.77		-5.18	229.67	
		12-E	16	462.3	32	2.5		-1	-494.9	-49.61	4766.52	284.56		-5.16	229.79	
		14-E	20	459.8	33	2.6		-1	-497.3	-49.85	4770.33	284.79		-5.13	229.81	
INT. 14+69-E 27+60-N		INT	26	469.8	33	2.6		-2	-487.1	-48.82	4755.60	283.91		-5.12	229.95	
		16-E	29	476.4	29	2.3		-2	-481.1	-48.23	4749.46	283.54		-5.10	230.22	
		18-E	33	469.6	34	2.7		-2	-487.5	-48.87	4766.00	284.53		-5.07	230.59	
		20-E	37	447.5	33	2.6		-2	-509.7	-51.09	4803.91	286.79		-5.04	230.66	
		22-E	42	456.7	31	2.4		-3	-500.8	-50.20	4790.40	285.99		-5.01	230.78	
INT. 24+00-E 30+20-N	BS#49	24-E	46	460.6	32	2.5	-959.6	-0.3	-496.8	-49.80	4784.82	285.65		-4.98	230.87	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE July 13 OPERATOR SL 171

INSTRUMENT

INSTR. CONSTANT .0024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
T.L. 31-N	BS#48		0	379.1	32	2.5	-959.5	0	-577.9							
		4-E	3	374.0	29	2.3		0	-583.2	-58.46	4908.84	293.06		-5.27	229.33	
(- .0041666)		2-E	7	364.7	31	2.4		0	-592.4	-59.38	4923.07	293.91		-5.30	229.23	
		0+00	11	353.9	30	2.3		0	-603.3	-60.47	4938.41	294.82		-5.33	229.02	
INT. 0+78-W 28+55-N		INT	14	351.3	34	2.7		-1	-605.6	-60.71	4941.11	294.98		-5.34	228.94	
		2-W	19	344.3	32	2.5		-1	-612.8	-61.43	4950.88	295.51		-5.36	228.78	
		4-W	24	339.1	31	2.4		-1	-618.1	-61.96	4957.04	295.94		-5.39	228.59	
creek. 9+46-W		4-W	29	359.3	29	2.3		-1	-598.0	-59.94	4923.24	293.92		-5.42	228.55	
		8-W	34	386.6	32	2.5		-1	-570.5	-57.19	4867.46	290.59		-5.45	227.95	
INT. 9+46-W		INT	39	400.7	32	2.5		-2	-556.5	-55.78	4842.11	289.07		-5.47	227.82	
		10-W	44	387.6	32	2.5		-2	-569.6	-57.10	4857.12	289.97		-5.48	227.39	
	# BS47		48	374.4	33	2.6	-959.5	-0.2	-582.7	-58.41						
L. 0+00	BS#47		0	374.5	33	2.6	-959.4	0	-582.3							
		31-N	No	NAIL							No. R.					
		30-N	14	316.9	33	2.6		0	-639.9	-64.14	4991.89	298.02		-5.39	228.48	
		29-N	18	343.1	31	2.4		-1	-614.0	-61.55	4952.45	295.66		-5.38	228.73	
		INT	23	351.2	33	2.6		-1	-606.7	-60.72	4941.11	294.98		-5.37	228.90	
		28-N	26	362.2	34	2.7		-1	-594.6	-59.60	4923.38	293.93		-5.36	228.96	
			29	380.2	32	2.5		-1	-576.8	-57.82	4895.02	292.23		-5.38	229.07	
NAIL NOT HOW INC. -		26-N	35	409.7	31	2.4		-1	-547.4	-54.87	4863.95	290.38		-5.31	230.20	
No NAIL FOUND -			42	425.0	33	2.6		-1	-531.9	-53.32	4832.35	288.49		-5.29	229.88	
		21-N	45	438.8	29	2.3		-1	-518.4	-51.96	4806.97	286.98		-5.27	229.74	
NAIL IS 23+20 -			49	454.0	29	2.3		-1	-503.2	-50.44	4783.32	285.56		-5.25	229.87	
		22-N	53	474.0	30	2.3	-959.4	-2	-483.3	-48.45	4751.26	283.65		-5.23	229.97	

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P= Elev. Corr.	Lati- tude	Latitude Corr.	P= Bouguer Gravity
L.O+00		21-N	56	499.2	28	2.2	-959.4	-1.2	-458.2	-45.93	4713.33	281.39		-5.21	230.25
			59	519.4	31	2.4		-1.2	-437.8	-43.89	4681.71	279.50		-5.19	230.42
		19-N	64	536.2	34	2.7		-1.2	-420.7	-42.17	4652.25	278.04		-5.17	230.70
			67	549.5	33	2.6		-1.2	-407.5	-40.85	4638.21	276.90		-5.15	230.90
		17-N	71	560.6	31	2.4		-1.2	-396.6	-39.76	4643.25	277.20		-5.13	232.32
			74	570.9	33	2.6		-1.2	-386.1	-38.70	4606.98	275.04		-5.11	231.22
		15-N	78	589.9	32	2.5		-1.2	-367.15	-36.80	4577.06	273.25		-5.09	231.36
			82	599.5	29	2.3		-1.2	-358.1	-35.90	4563.31	272.43		-5.07	231.46
shakey -		13-N	86	604.6	23	1.8		-1.3	-353.3	-35.41	4556.45	272.02		-5.05	231.56
			89	602.9	33	2.6		-1.3	-354.2	-35.51	4558.92	272.17		-5.03	231.63
		11-N	92	606.5	34	2.7		-1.3	-350.5	-35.13	4552.84	271.80		-5.01	231.66
			96	623.5	27	2.1		-1.3	-334.1	-33.49	4528.07	270.33		-4.99	231.85
		9-N	99	634.6	28	2.2		-1.3	-322.9	-32.37	4512.03	269.37		-4.97	232.03
			103	644.3	30	2.3		-1.3	-313.1	-31.39	4497.87	268.52		-4.94	232.20
		7-N	106	652.7	30	2.3		-1.3	-304.1	-30.54	4485.21	267.77		-4.92	232.30
(-.002985)			109	661.8	29	2.3		-1.3	-295.6	-29.63	4470.65	266.90		-4.90	232.37
		5-N	112	673.5	27	2.1		-1.3	-284.1	-28.48	4452.32	265.80		-4.88	232.45
			116	684.0	30	2.3		-1.3	-273.4	-27.41	4435.17	264.78		-4.86	232.51
		3-N	119	694.6	31	2.4		-1.4	-262.8	-26.34	4418.51	263.79		-4.84	232.60
			122	704.8	25	2.0		-1.4	-253.0	-25.36	4403.52	262.89		-4.82	232.71
shakey →		1-N	126	712.3	24	1.9		-1.4	-245.6	-24.62	4392.64	262.24		-4.80	232.82
		O+00	130	721.0	31	2.4		-1.4	-236.4	-23.70	4379.04	261.43		-4.78	232.95
	B.S.#1		134	720.4	33	2.6	-959.4	-0.4	-236.8						

PAGE No. (2)

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.	DATE	OPERATOR	INSTRUMENT	INSTR. CONSTANT	LATITUDE	CHECKED
	JUNE	TIM. KIRBY				

[illegible]

PAGE No. 4 PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA																
JOB No. W-228 DATE JULY 7, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT 10024 LATITUDE CHECKED																
Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	~~B.S. #~~		~~0~~	~~257.3~~	~~36~~				~~-329.1~~							
	B.S. #40		0	180.9	34	2.7	-512.7	0	-329.1	-329.9						
BL-0		L-18-W	3	186.1	28	2.2		0	-324.4	-32.48	4522.5~	269.99		-5.07	232.44	
		L-16-W	6	195.1	37	2.9		0	-314.7	-31.55	4509.86	269.24		-5.04	232.65	
		L-14-W	10	205.5	38	3.0		0	-304.2	-30.49	4494.75	268.34		-5.00	232.85	
INTER		L-12-W	14	208.7	37	2.9	-512.7	0	-301.1	-30.18	4490.10	268.06		-4.97	232.91	
≈ 160 FT. APART	BL 0	L-10-W	17	209.8	36	2.8		0	-300.1	-30.08	4487.98	267.93		-4.96	232.89	
		L-10-W	20	217.1	34	2.7		0	-292.9	-29.36	4477.59	267.31		-4.94	233.01	
INTER		L-8-W	24	220.4	33	2.6	-512.7	0	-289.7	-29.04	4469.94	266.86		-4.90	232.9~	
		L-8-W	27	221.8	34	2.7		0	-288.2	-28.89	4468.40	266.76		-4.90	232.97	
		L-6-W	32	247.5	33	2.6		0	-262.6	-26.32	4426.17	264.24		-4.88	233.04	
		L-4-W	37	252.4	36	2.8		0	-257.5	-25.81	4417.66	263.73		-4.84	233.08	
		L-2-W	41	269.1	34	2.7		0	-240.9	-24.15	4389.00	262.02		-4.81	233.06	
INTER (shading)		BL 0+100	45	273.5	38	3.0	-512.7	0.0	-236.1	-23.67	4379.04	261.43		-4.78	232.98	
	B.S. #41		48	273.9	37	2.9		0	-235.9	-23.65						
		L-2-E	52	276.7	37	2.9		+0.1	-233.0	-23.36	4373.59	261.10		-4.75	232.99	
		L-4-E	55	296.5	32	2.5		+1.1	-213.6	-21.41	4341.61	259.19		-4.7~	233.06	
		L-6-E	60	305.2	36	2.8		+1.1	-204.6	-20.51	4328.34	258.40		-4.68	233.21	
INTER		L-8-E	64	293.6	33	2.6	-512.7	+0.1	-216.4	-21.69	4347.58	259.55		-4.65	233.21	
		L-10-E	68	308.7	37	2.9		+1	-201.0	-20.15	4320.73	257.95		-4.61	233.19	
		L-12-E	72	328.8	39	3.1		+1	-180.7	-18.11	4287.25	255.95		-4.58	233.26	
		L-14-E	76	337.9	36	2.8		+1.1	-172.0	-17.24	4275.01	255.22		-4.53	233.15	
INTER		L-16-E	79	346.0	36	2.8	-512.7	+0.1	-163.8	-16.42	4265.9~	254.68		-4.50	233.76	
		L-18-E	83	349.1	33	2.6		+0.1	-160.9	-16.13	4263.63	254.54		-4.47	233.94	
(0.0010446)		L-20-E	87	351.4	34	2.7		+0.1	-158.5	-15.89	4261.37	254.40		-4.44	234.07	

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on back

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE 16/07/76

OPERATOR TIM KIRBY

INSTRUMENT

INSTR. CONSTANT .10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS #3		0	255.8	33	2.6	-185.6	0	72.8							
	BLD	40-E	12	259.5	29	2.2		0	76.1	+7.63	3909.22	233.38		-2.90	238.11	
		42-E	17	257.8	34	2.6		0	74.8	+7.50	3913.32	233.63		-2.87	238.26	
		44-E	23	251.7	38	2.9		+ .1	69.1	+6.93	3923.84	234.25		-2.84	238.34	
		46-E	27	241.4	35	2.7		+ .1	58.6	+5.87	3939.22	235.17		-2.81	238.24	
		48-E	32	227.6	36	2.8		+ .1	44.9	+4.50	3959.70	236.39		-2.78	238.11	
		50-E	36	216.3	32	2.5		+ .1	33.3	+3.34	3976.92	237.42		-2.75	238.01	
		52-E	40	220.2	34	2.6		+ .1	37.3	+3.74	3967.75	236.87		-2.72	237.89	
		54-E	44	239.8	36	2.8		+ .1	57.1	+5.72	3936.37	235.00		-2.69	238.03	
		56-E	48	243.8	33	2.5		+ .1	60.8	+6.09	3911.02	233.49		-2.66	236.92	
		58-E	52	273.3	34	2.6		+ .1	90.1	+9.03	3875.56	231.37		-2.63	237.83	
		60-E	57	305.2	32	2.5		+ .2	122.3	+12.26	3818.12	227.94		-2.60	237.60	
		62-E	62	334.9	35	2.7		+ .2	152.2	+15.26	3769.08	225.01		-2.57	237.70	
		64-E	66	354.8	33	2.5		+ .2	171.9	+17.23	3738.06	223.16		-2.54	237.85	
	BS #4		70	351.6	36	2.8	-185.6	+0.2	169.0	+16.94						
	BS #4		0	351.6	36	2.8	-185.4	0	169.0							
	BLD	L.80-E	18	511.5	34											
	L.80-E	1-S	23	523.0	36											
		2-S	28	512.8	33											
		3-S	31	509.4	34											
		4-S	35	503.0	34											
		5-S	38	497.3	37											

BUST.

CHECKED

[illegible]

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # _____ Date 18/07/76 Operator TIM KIRBY Instrument _____ Instr. Constant .10024 Latitude _____ Checked _____

Remarks	Base	Station	Time	Read Ing	HI	HI corr	Dri- ft	Corr. Reading	Off ft In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity	
	BS#124		0	416.5	30	2.3	^{-407.8} 0	+11.0								
old nail	T.L.205	8-W	15	523.3	31	2.4	0	117.9		11.82	3870.35	231.06		-3.22	239.66	239.70
		6-W	22	522.8	32	2.5	-.1	117.4		11.77	3868.98	230.98		-3.19	239.56	
old nail		4-W	27	528.8	32	2.5	-.1	123.4		12.37	3858.25	230.34		-3.16	239.55	
		2-W	33	522.6	37	2.9	-.1	117.6		11.79	3863.06	230.62		-3.13	239.28	
		L.O.	40	542.9	29	2.3	-.1	137.3		13.76	3827.01	228.47		-3.10	239.14	
	L.O.	21-S	45	549.5	35	2.7	-.1	144.3		14.46	3797.89	226.73		-3.08	238.12	*
		22-S	49	558.2	31	2.4	-.1	152.7		15.31	3802.25	226.99		-3.06	239.24	
		23-S	53	562.9	31	2.4	-.2	157.3		15.77	3795.15	226.59		-3.04	239.32	
		24-S	57	567.7	36	2.8	-.2	162.5		16.29	3787.49	226.11		-3.02	239.38	
		25-S	62	571.1	35	2.7	-.2	166.4		16.68	3781.78	225.77		-3.00	239.45	
		26-S	67	573.0	34	2.7	-.2	167.7		16.81	3779.20	225.62		-2.98	239.45	
	T.L.205	2-E	82	557.5	28	2.2	-.2	151.7		15.21	3798.96	226.80		-3.07	238.93	
		4-E	87	573.3	34	2.7	-.3	167.9		16.83	3770.38	225.09		-3.04	238.88	
swamp		6-E	93	575.0	28	2.2	-.3	169.1		16.95	3760.49	224.50		-3.01	238.44	
		8-E	97	580.0	29	2.3	-.3	174.2		17.46	3761.50 ⁽²⁾	224.56		-2.98	239.04	238.73
	L.B.2	21-S	104	575.6	24	1.9	-.3	169.4		16.98	3761.68	224.57		-2.96	238.59	
		22-S	120	577.9	30	2.3	-.4	172.0		17.24	3762.44	224.62		-2.94	238.92	
		23-S	124	575.1	32	2.5	-.4	169.4		16.98	3767.41	224.91		-2.92	238.98	
		24-S	129	570.6	31	2.4	-.4	164.8		16.52	3774.58	225.34		-2.90	238.96	
		25-S	135	565.9	35	2.7	-.4	160.4		16.08	3781.76	225.77		-2.88	238.97	
		26-S	138	563.2	34	2.7	-.4	157.7		15.81	3786.28	226.04		-2.86	238.99	
		27-S	141	559.4	34	2.7	-.4	153.9		15.43	3785.04	225.97		-2.84	238.55	
		28-S	146	555.0	31	2.4	-.4	149.2		14.96	3800.97	226.92		-2.82	239.05	
		29-S	150	554.0	35	2.7	-.4	148.5		14.89	3806.27	227.23		-2.80	239.32	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date July 16 Operator T.M. Instrument Instr. Constant .10024 Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Dri- ft	Corr. Reading	ft In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity	
		30-S	156	546.6	37	2.9	407.8	141.2		14.15	3818.38	221.96		-2.78	239.33	
		31-S	160	541.6	32	2.5	-5	135.8		13.61	3828.47	228.56		-2.76	239.41	
		32-S	163	538.3	33	2.6	-5	132.6		13.29	3830.98	228.71		-2.74	239.26	
		33-S	167	536.7	34	2.7	-5	131.1		13.14	3836.30	229.03		-2.72	239.45	
		34-S	170	530.0	36	2.8	-5	124.5		12.48	3846.75	229.65		-2.70	239.43	
		35-S	173	526.3	32	2.5	-5	120.5		12.08	3838.26	229.14		-2.68	238.54	
	TL205	10-E	210	570.0	35	2.7	-6	164.3		16.47	3775.71	225.41		-2.94	238.94	238.81
		12-E	215	550.0	32	2.5	-6	144.1		14.44	3808.24	221.35		-2.91	238.89	238.86
		14-E	219	530.2	35	2.7	-6	124.5		12.48	3839.90	229.24		-2.88	238.84	238.87
		16-E	224	516.6	28	2.2	-7	110.3		11.06	3863.54	230.65		-2.85	238.86	
	L16-E	21-S	229	516.5	30	2.3	-7	110.3		11.06	3870.61	231.08		-2.84	239.29	
		22-S	233	510.7	30	2.3	-7	104.5		10.48	3875.98	231.40		-2.82	239.05	
		23-S	237	507.8	33	2.6	-7	101.9		10.21	3882.63	231.79		-2.80	239.21	
		24-S	241	505.2	35	2.7	-7	99.4		9.96	3887.88	232.11		-2.78	239.29	
		25-S	245	503.8	33	2.6	-7	97.9		9.81	3889.81	232.22		-2.76	239.28	
	TL205	18-E	255	511.3	34	2.7	-8	105.4		10.57				-2.82		
		20-E	260	501.9	32	2.5	-8	95.8						-2.79		
		22-E	266	494.4	33	2.6	-9	88.4						-2.76		
		24-E	270	485.3	35	2.7	407.8	79.4					-2.73			
	B.S.#20	L24E-28	0	485.3	35	2.7	407.8	79.4								
		L32E@205	7	469.6	32	2.5										
	B.S.#20		15	485.6	32	2.5										
		L32E@205	24	470.0	32	2.5										

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PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR *AW* INSTRUMENT INSTR. CONSTANT *.10024* LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	~~#32~~ ⁸⁵ 32		0	501.1	34	2.7	+99.4	0	603.2							
2120 W		12 S	8	488.3	32	2.5		0	590.2	59.16	3008.70	179.62		-1.44	237.34	
		11 S	13	482.0	30	2.3		0	583.7	58.51	3020.09	180.30		-1.46	237.35	
		10 S	17	475.8	34	2.7		0	577.9	57.93	3029.96	180.89		-1.48	237.34	
		9 S	22	474.8	32	2.5		-1	576.6	57.80	3032.48	181.04		-1.50	237.34	
		8 S	28	469.9	30	2.3		-1	571.50	57.29	3040.23	181.50		-1.52	237.27	
		7 S	31	467.0	31	2.4		-1	568.7	57.01	3043.27	181.64		-1.54	237.15	
		6 S	36	463.4	35	2.7		-1	565.4	56.68	3048.93	182.02		-1.56	237.14	
(-002469)		5 S	40	460.9	33	2.6		-1	562.8	56.42	3054.68	182.36		-1.58	237.20	
		4 S	45	458.5	31	2.9		-1	560.7	56.20	3058.36	182.58		-1.60	237.19	
		3 S	49	452.4	32	2.5		-1	554.2	55.55	3069.00	183.22		-1.62	237.15	
		2 S	55	445.6	29	2.3		-1	547.2	54.85	3082.18	184.01		-1.64	237.22	
		1 S	60	437.6	33	2.6		-1	539.5	54.08	3094.85	184.76		-1.66	237.18	
2200 S + 5107 N		INT	66	427.4	30	2.3		-2	528.9	53.02	3113.52	185.88		-1.68	237.21	
	~~#31~~ ⁸⁵ 31		81	501.1	33	2.6	+99.4	-0.2	602.9							
	¹⁴⁵ #31		0	501.1	33	2.6	+99.2	0	602.9							
2205 F		15 N	22	373.4	32	2.5										
		16 N	28	364.1	35	2.7										
		17 N	34	356.5	34	2.7										
SHAKY		18 N	42	349.9	33	2.6										
		19 N	49	340.3	34	2.7										
		20 N	54	332.2	35	2.7										
		21 N	61	322.5	32	2.5										
		22 N	66	314.5	31	2.4										

2-1205/22+66 N 85 105 73 309.2 26 2.2 +99.2 +2.3 412.9
 7622/120+64E E30

BUST

CHECKED

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE July 26

OPERATOR

INSTRUMENT

INSTR. CONSTANT

, 10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS #31		0	776.2	34	2.7	-176.0	0	602.9							
BLV 68200		BL 120	17	704.7	35	2.7		0	531.4	53.27	3113.52	185.88		-1.68	237.46	
L. 120-E		1N	26	694.8	32	2.5		+1	521.4	52.27	3130.69	186.90		-1.70	237.47	
		2N	32	687.2	32	2.5		+1	513.8	51.50	3144.63	187.73		-1.72	237.52	
		3N	38	679.7	36	2.8		+1	506.6	50.78	3157.59	188.51		-1.74	237.51	
		4N	44	675.5	32	2.5		+1	502.1	50.33	3166.92	189.07		-1.76	237.64	
		5N	49	673.3	35	2.7		+1	500.1	50.13	3171.37	189.34		-1.78	237.69	
SHAKY		6N	60	668.0	33	2.6		+2	494.80	49.60	3177.65	189.71		-1.80	237.50	
		7N	65	667.1	31	2.4		+2	493.7	49.49	3180.13	189.85		-1.82	237.52	
		8N	70	666.5	34	2.7		+2	493.4	49.46	3180.00	189.85		-1.84	237.46	
		9N	75	668.4	32	2.5		+2	495.1	49.63	3177.12	189.67		-1.86	237.44	
(0028571A)		10N	81	668.4	34	2.7		+2	495.3	49.65	3176.08	189.61		-1.88	237.38	
		11N	87	664.9	30	2.3		+2	491.4	49.26	3182.55	189.88		-1.90	237.24	
		12N	95	659.2	30	2.3		+3	485.9	48.71	3188.44	190.35		-1.92	237.14	
		13N	100	655.7	30	2.9		+3	482.9	48.41	3194.08	190.69		-1.94	237.15	
		14N	106	651.0	36	2.8		+3	478.1	47.92	3201.60	191.14		-1.96	237.10	
	BS #31		140	775.8	34	2.7	-176.0	+0.4	602.9							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 12/28 OPERATOR B. INSTRUMENT INSTR. CONSTANT .1015~ LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	MKS		0	800.6	3.2	3.0	-288.5	0	515.1							
L-10445		405	18	808.1	2.9	2.7		-.1	522.2	53.01	3122.98	186.44	-1.11	238.34		
		30	22	797.0	2.7	2.5		-.1	510.9	51.89	3142.33	187.60	-1.13	238.54		
11.2		28	26	789.4	3.2	3.0		-.1	503.8	51.15	3157.48	188.50	-1.15	238.50		
P. 10445		37	28	782.7	2.7	2.5		-.2	496.5	50.40	3170.13	189.26	-1.17	238.49		
		36	33	781.1	1.7	1.6		-.2	494.0	50.15	3175.58	189.58	-1.19	238.54		
		35	36	779.1	3.0	2.8		-.2	493.2	50.07	3178.38	189.75	-1.21	238.61		
11.33+80.5		34	39	773.5	3.1	2.9		-.2	487.7	49.51	3187.82	190.31	-1.23	238.59		
		33	43	761.0	2.9	2.7		-.2	475.0	48.22	3209.14	191.59	-1.25	238.56		
		32	47	746.3	2.7	2.5		-.3	460.0	46.70	3234.28	193.09	-1.27	238.52		
		31	50	739.6	3.2	3.0		-.3	453.8	46.07	3246.65	193.83	-1.29	238.61		
		30	54	731.1	3.2	3.0		-.3	445.3	45.21	3260.56	194.66	-1.31	238.56		
		29	57	724.7	3.0	2.8		-.3	438.7	44.54	3274.94	195.39	-1.33	238.60		
		28	61	714.0	2.2	2.0		-.3	437.2	44.38	3276.98	195.64	-1.35	238.67		
		27	65	731.6	2.9	2.7		-.4	445.4	45.22	3265.24	194.93	-1.37	238.78		
		26	69	731.4	2.8	2.6		-.4	445.1	45.19	3265.31	194.94	-1.39	238.74		
		25	74	729.6	2.7	2.5		-.4	443.2	44.99	3267.91	195.09	-1.41	238.67		
		24	77	728.0	3.0	2.8		-.4	441.9	44.86	3268.35	195.18	-1.43	238.61		
		23	82	731.0	2.9	2.7		-.4	441.2	45.16	3263.71	194.84	-1.45	238.55		
		22	85	738.3	2.9	2.7		-.5	452.0	45.89	3251.29	194.10	-1.47	238.52		
		21	89	742.8	3.0	2.8		-.5	456.6	46.35	3240.95	193.60	-1.49	238.46		
		20	93	745.0	2.7	2.5		-.5	458.5	46.55	3238.77	193.35	-1.51	238.39		
		19	96	750.8	2.7	2.5		-.5	464.3	47.14	3228.74	192.76	-1.53	238.37		
		18	100	754.2	3.0	2.8		-.5	468.0	47.51	3222.27	192.37	-1.55	238.33		
11.41		17	104	758.9	2.7	2.5	-288.5	-.6	472.3	47.95	3214.52	191.91	-1.57	238.29		

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE July 12/70 OPERATOR INSTRUMENT INSTR. CONSTANT .0152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-104 E		163	108	762.3	2.9	2.7	-288.5	-1.6	+475.9	48.31	3208.28	191.53		-1.60	238.24	
		15	111	765.3	2.9	2.7		-1.6	+478.9	48.62	3203.30	191.25		-1.62	238.24	
		14	114	768.6	3.0	2.8		-1.6	+482.3	48.96	3197.14	190.87		-1.64	238.19	
		13	117	777.3	3.2	3.0		-1.6	+491.2	49.87	3180.26	189.86		-1.66	238.07	
Windy 2-4		12	121	788.0	3.2	3.0		-1.7	+501.8	50.94	3160.46	188.68		-1.68	237.94	
		11	124	794.2	3.0	2.8		-1.7	+507.8	51.55	3147.08	187.88		-1.70	237.73	
		10	128	807.0	2.6	2.4		-1.7	+520.4	52.83	3120.44	186.29		-1.72	237.40	
9415 C		9	133	811.1	2.1	1.9		-1.7	+523.8	53.18	3111.57	185.76		-1.74	237.20	
		8	137	795.6	2.6	2.4		-1.7	+509.0	51.67	3140.90	187.51		-1.76	237.40	
		7	141	770.3	3.4	3.2		-1.8	+493.2	50.07	3168.02	189.13		-1.78	237.40	
		6	147	761.0	3.0	2.8		-1.8	+474.5	48.17	3198.48	190.95		-1.80	237.30	
		5	151	747.0	2.9	2.7		-1.8	+460.4	46.74	3223.04	192.42		-1.82	237.34	
(.0054054054)		4	155	740.5	3.5	3.2		-1.8	+454.4	46.13	3232.32	192.97		-1.84	237.26	
		3	159	732.3	2.7	2.5		-1.9	+445.4	45.22	3245.43	193.63		-1.86	236.99	
		2	163	724.0	3.0	2.8		-1.9	+437.4	44.40	3257.80	194.29		-1.88	237.01	
		1	167	717.0	3.5	3.2		-1.9	+430.8	43.73	3266.98	195.04		-1.90	236.87	
		0	171	710.7	2.9	2.7		-1.9	+424.0	43.04	3278.44	195.78		-1.92	236.84	
	BS 29	1	187	744.9	2.8	2.6	-288.5	-1.0	+458.0							
	BS 20		187	745.1	2.8	2.6	-289.7	0	+458.0	46.50	3223.39	192.41		-1.80	237.14	
L-112 E		1N	7	741.4	3.0	2.8		-1.1	+454.4	46.13	3230.54	192.86		-1.82	237.17	
		2	10	736.4	2.9	2.7		-1.1	+449.3	45.61	3240.48	193.46		-1.84	237.23	
		3	15	731.8	3.0	2.8		-1.1	+444.8	45.16	3250.11	194.03		-1.86	237.33	
		4	19	728.7	3.2	3.0		-1.2	+441.8	44.85	3257.13	194.45		-1.88	237.42	
		5	22	727.4	3.3	3.1		-1.2	+440.6	44.75	3261.14	194.69		-1.90	237.52	
		6	25	727.8	3.0	2.8	-289.7	-1.2	+440.7	44.74	3263.02	194.80		-1.92	237.62	

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT 10/5/2 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-112E		7 N	28	727.9	3.2	3.0	-289.7	-2	+441.0	441.71	3263.94	194.86		-1.94	237.69	
		8	30	726.3	2.8	2.6		-2	+439.0	441.57	3270.45	195.25		-1.96	237.80	
		9	34	727.4	3.2	3.0		-3	+440.4	441.71	3265.32	194.94		-1.98	237.67	
		10	37	729.9	3.0	2.8		-3	+442.7	449.47	3261.07	194.69		-2.00	237.63	
not to be used V. Shaky		11	40	729	2.9	2.7		-3	+441.7	44.84	3262.31	194.76		-2.02	237.58	
		12	44	722.8	2.9	2.7		-3	+435.5	44.21	3271.82	195.33		-2.04	237.50	
		13	47	716.1	2.8	2.6		-4	+428.6	43.51	3283.01	196.00		-2.06	237.45	
		14	51	706.7	3.2	3.0		-4	+419.6	42.60	3297.76	196.88		-2.08	237.40	
Pass out		15	55	696.5	2.9	2.7		-4	+409.1	41.53	3313.92	197.84		-2.10	237.27	
		16	58	686.3	2.9	2.7		-5	+398.8	40.49	3330.79	198.85		-2.12	237.22	
(0079202)		17	62	674.2	2.9	2.7		-5	+386.7	39.26	3351.20	200.07		-2.15	237.18	
		18	65	667.2	2.8	2.6		-5	+379.6	38.54	3363.77	200.82		-2.17	237.16	
		19	70	657.0	2.8	2.6		-6	+369.3	37.49	3379.93	201.78		-2.19	237.08	
		20	75	647.6	3.1	2.9		-6	+360.2	36.57	3394.97	202.68		-2.21	237.04	
		21	78	637.2	2.8	2.6		-6	+349.6	35.49	3413.96	203.81		-2.23	237.07	
14 12		22+12N	83	623.4	2.8	2.6		-7	+335.6	34.07	3436.63	205.17		-2.25	236.99	
12 22N		114E	87	638.0	3.1	2.9		-7	+350.5	35.58	3411.50	203.67		-2.23	237.02	
		115	91	651.1	3.1	2.9		-7	+363.6	36.91	3385.91	202.14		-2.20	236.85	
		118	95	669.2	3.0	2.8		-8	+381.5	38.73	3351.42	200.08		-2.17	236.64	
22+16N	1830	120+14E	10110	695.6	2.8	2.6	-289.7 -290.5	-0.8 0	407.7	41.39	3306.35	197.39		-2.14	236.64	
L-120E		22N	4	699.8	2.9	2.7		0	+412.0	41.83	3299.02	196.95		-2.13	236.65	
		21	7	707.5	3.0	2.8		0	+419.8	42.62	3287.25	196.28		-2.11	236.79	
		20	10	717.4	3.1	2.9		0	+429.8	43.63	3272.55	195.37		-2.09	236.91	
		19	13	725.5	2.9	2.7		-1	+437.6	44.43	3260.04	194.62		-2.07	236.98	
V. Shaky		18N	17	733	2.9	2.7		-1	+445.1	45.19	3247.38	193.87		-2.05	237.01	

-290.5

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PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date JUNE 29, 76 Operator C. CHOW Instrument Instr. Constant Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Dri- ft	Corr. Reading	Gr/ft In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lat- tude	Lat- tude Corr.	Bouguer Gravity
(.0204)		17-S	105	867.9	36	2.8	-2.1	575.5	576.4	F.9					
		16-S	110	868.6	35	2.9	-2.2	576.4	577.8	-1.6					
	B.S.#32		125	887.4	41	3.5	-2.3	595.3							
	B.S.#32		0	887.6	40	3.1	-2.5	595.2							
L-120K		17-S	17	918.8	38	2.9	+2.2	626.4		63.62	2936.41	175.30	-1.33	237.60	
		16-S	20	911.5	34	2.6	+2.3	618.9		62.87	2949.06	176.06	-1.36	237.57	
		15-S	25	900.5	40	3.1	+2.4	608.5		61.81	2965.31	177.02	-1.38	237.46	
		14-S	28	893.8	38	2.9	+2.4	601.6		61.11	2977.08	177.73	-1.40	237.44	
		13-S	32	885.6	41	3.2	+2.5	593.8		60.35	2990.70	178.54	-1.42	237.44	
		12-S	35	873.5	34	2.6	+2.5	581.1		59.02	3008.70	179.62	-1.44	237.21	
		11-S	39	866.9	37	2.9	+2.6	574.9		58.40	3020.09	180.30	-1.46	237.24	
		10-S	42	861.0	37	2.9	+2.6	569.0		57.80	3029.96	180.89	-1.48	237.21	
		9-S	45	859.4	40	3.1	+2.7	567.7		57.67	3032.48	181.04	-1.50	237.21	
		8-S	48	854.6	38	2.9	+2.7	562.7		57.16	3040.23	181.50	-1.52	237.14	
(.0144444)		7-S	52	852.0	39	3.0	+2.8	560.3		56.92	3043.27	181.68	-1.54	237.06	
		6-S	56	847.5	40	3.1	+2.8	555.9		56.47	3048.93	182.02	-1.56	236.93	
		5-S	60	846.0	36	2.8	+2.9	554.2		56.30	3054.68	182.36	-1.58	237.08	
		4-S	64	843.5	36	2.8	+2.9	551.7		56.04	3058.36	182.58	-1.60	237.03	
		3-S	67	837.8	40	3.1	+2.10	546.4		55.50	3069.00	183.22	-1.62	237.10	
		2-S	72	830.2	38	2.9	+2.10	538.6		54.71	3082.18	184.01	-1.64	237.08	
		1-S	75	823.7	38	2.9	+2.11	532.2		54.06	3082.11	184.00	-1.66	236.40	
		0+105	80	813.0	38	2.9	+2.12	521.6		52.98	3113.52	185.88	-1.68	237.18	
L-112K	B.S.#29		90	749.5	32	2.5	+2.3	457.8							

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE JUN 30, 76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT .10158 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	
	M.B.S.		0	801.8	41	3.2	290.2	0	574.8							
L-112 E	41	40-S	18	908.7	34	2.6		-2	620.9	63.07	2953.81	176.34		-0.96	~~238.45~~ 181.69	
	40	39-S	23	899.8	39	3.0		-3	612.3	62.20	2968.40	177.21		-0.98	238.43	
	39	38-S	27	891.6	28	2.2		-3	603.6	61.31	2984.31	178.16		-1.00	238.48	
Change pos. {	38	37-S	31	894.6	38	2.9		-4	606.9	61.65	2979.08	177.85		-1.02	238.48	
		37-S	35	895.9	35	2.1		-4	608.0	61.76	2977.68	177.77		-1.04	238.49	
		36-S	38	894.0	25	1.9		-4	605.3	61.49	2980.28	177.92		-1.06	238.36	
		35-S	42	895.0	40	3.1		-5	607.4	61.70	2977.56	177.76		-1.08	238.38	
		34-S	45	886.3	33	2.5		-5	598.10	60.75	2992.16	178.63		-1.10	238.29	
		33-S	49	876.0	37	2.9		-6	588.10	59.74	3009.02	179.64		-1.12	238.26	
		32-S	54	854.4	42	3.2		-6	566.80	57.58	3046.10	181.85		-1.14	238.29	
		31-S	57	854.2	42	3.2		-7	566.5	57.55	3047.54	181.94		-1.16	238.32	
		30-S	60	861.0	30	2.3		-7	572.4	58.14	3036.00	181.25		-1.18	238.21	
		29-S	64	859.9	35	2.7		-7	571.7	58.07	3037.02	181.31		-1.20	238.18	
		28-S	67	859.5	42	3.2		-8	571.7	58.07	3037.51	181.34		-1.23	238.18	
		27-S	70	858.6	42	3.2		-8	570.80	57.98	3039.29	181.45		-1.25	238.18	
		26-S	74	856.8	39	3.0		-9	568.7	57.77	3042.01	181.61		-1.27	238.11	
		25-S	77	856.8	41	3.2		-9	568.9	57.79	3041.51	181.58		-1.29	238.08	
		24-S	80	856.0	33	2.5		-9	567.4	57.64	3043.56	181.70		-1.31	238.03	
		23-S	83	854.6	31	2.4		-1.0	565.80	57.47	3047.54	181.94		-1.33	238.08	
		22-S	86	856.3	36	2.8		-1.0	567.90	57.69	3045.13	181.79		-1.35	238.13	
		21-S	90	854.7	36	2.8		-1.1	566.20	57.51	3048.37	181.99		-1.37	238.13	
		20-S	93	856.0	42	3.2		-1.1	567.90	57.69	3044.75	181.77		-1.39	238.07	
		19-S	96	859.0	38	2.9		-1.1	570.6	57.96	3039.81	181.48		-1.41	238.03	
		18-S	99	860.9	38	2.9		-1.2	572.40	58.14	3035.94	181.25		-1.43	237.96	

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date JUNE 30, 76 Operator C E ROBIN Instrument Instr. Constant 10158 Latitude Checked

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PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. W-220 DATE July 4/76 OPERATOR C. CHAN INSTRUMENT INSTR. CONSTANT .10024 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr. 0.597	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
TL-72-S	B.S. #28		0	873.5	36	2.9	-281.5	0	594.8							
L-112E		72-S	13	952.7	32	2.5		-0.2	673.5	67.51	2809.04	167.70		-0.32	234.89	
		72-S	23	984.8	21	2.4		-0.3	706.4	70.71	2801.39	167.24		-0.34	237.61	
MISSING 71-S		70-S	30	975.9	38	3.0		-0.4	697.0	69.87	2827.17	168.78		-0.36	238.29	
		69-S	35	960.6	25	2.0		-0.5	680.6	68.22	2850.04	170.15		-0.38	237.99	
		68-S	41	959.0	34	2.7		-0.5	679.7	68.13	2852.74	170.31		-0.40	238.04	
		67-S	45	958.8	35	2.7		-0.6	679.4	68.10	2851.70	170.25		-0.42	237.93	
		66-S	48	955.5	36	2.8		-0.6	676.2	67.78	2856.55	170.54		-0.45	237.87	
		65-S	52	941.9	33	2.6		-0.7	662.3	66.39	2879.65	171.92		-0.47	237.84	
		64-S	56	931.5	28	2.2		-0.7	651.5	65.31	2896.50	172.92		-0.49	237.74	
		63-S	63	911.8	30	2.3		-0.8	631.8	63.33	2931.02	174.98		-0.51	237.80	
		62-S	67	905.6	31	2.4		-0.9	625.6	62.71	2944.73	175.80		-0.53	237.98	
		61-S	70	906.4	28	2.2		-0.9	626.2	62.71	2944.24	175.77		-0.55	237.99	
(.013076923)		60-S	74	903.6	32	2.5		-1.0	623.6	62.51	2945.75	175.86		-0.57	237.80	
		59-S	78	919.0	30	2.3		-1.0	638.8	64.03	2921.79	174.43		-0.59	237.87	
		58-S	82	916.0	29	2.3		-1.1	635.7	63.72	2925.15	174.63		-0.61	237.74	
		57-S	86	915.4	24	1.9		-1.1	634.7	63.62	2927.50	174.77		-0.63	237.76	
		56-S	90	913.8	31	2.4		-1.2	633.5	63.50	2930.22	174.93		-0.65	237.78	
		55-S	94	914.9	31	2.4		-1.2	634.6	63.61	2930.79	174.97		-0.67	237.91	
		54-S	97	918.9	36	2.8		-1.3	638.9	64.04	2923.63	174.54		-0.69	237.89	
		53-S	100	920.3	32	2.5		-1.3	640.0	64.15	2923.43	174.53		-0.71	237.97	
NO #. ON STICK = 30 FROM 53S		52-S	104	914.4	37	2.9		-1.4	634.4	63.59				-0.72		
		52-S	108	929.5	31	2.4		-1.4	649.0	65.01				-0.73		1974 - 1101 (65.20) BE. NAN
NO NAIL		51-S	112	921.5	31	2.4		-1.5	640.9	64.24				-0.75		
	M.B.S.		130	802.0	36	2.8	-281.5	-1.7	521.6							

GRAVITY DATA

INSTRUMENT

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	
	M.R.S.		0	802.0	39	3.1	-283.5	0	521.6							
L104 E		53-S	12	778.1	31	2.4		0	497.0	49.8~	3175.88	189.60		-0.84	238.58	
		54-S	16	780.2	30	2.3		0	499.0	50.0~	3174.58	189.52		-0.82	238.72	
		55-S	20	780.8	30	2.3		+1	499.7	50.09	3173.42	189.45		-0.80	238.74	
		56-S	24	784.4	34	2.7		+1	503.7	50.49	3165.91	189.00		-0.78	238.71	
		57-S	29	800.5	29	2.3		+1	519.4	52.06	3139.88	189.45		-0.76	238.75	
		58-S	32	799.6	34	2.7		+1	518.9	52.01	3141.72	187.56		-0.74	238.83	
		59-S	36	796.8	35	2.7		+1	516.1	51.73	3148.48	187.96		-0.72	238.97	
		60-S	40	797.7	32	2.5		+1	516.8	51.80	3147.59	187.91		-0.70	239.01	
		61-S	44	798.0	34	2.7		+1	517.3	51.85	3148.52	187.97		-0.68	239.14	
		62-S	48	795.8	34	2.7		+1	515.1	51.63	3148.25	187.95		-0.66	238.92	
(+0.0028571)		63-S	51	796.3	33	2.6		+1	515.5	51.67	3147.30	187.89		-0.64	238.92	
		64-S	55	803.0	32	2.5		+2	522.2	52.35	3135.63	187.20		-0.62	238.93	
		65-S	59	809.8	31	2.4		+2	528.9	53.02	3123.77	186.49		-0.60	238.91	
		66-S	62	811.2	31	2.4		+2	530.3	53.16	3121.58	186.36		-0.58	238.94	
		67-S	66	797.5	32	2.5		+2	516.7	51.79	3142.77	187.62		-0.56	239.03	
		68-S	71	818.9	32	2.5		+2	538.1	53.94	3107.92	185.54		-0.54	238.94	
		69-S	75	826.0	28	2.2		+2	544.9	54.62	3096.06	184.83		-0.52	238.93	
		70-S	79	823.0	34	2.7		+2	542.4	54.37	3099.90	185.06		-0.50	239.03	
INTER 70+42			82	817.5	31	2.4		+2	536.6	53.79	3107.95	185.54		-0.49	238.84	
		71-S	86	813.0	30	2.3		+2	532.0	53.33	3114.15	185.91		-0.48	238.76	
		72-S	90	816.4	33	2.6		+3	535.8	53.71	3108.83	185.60		-0.46	238.85	
	B.S. #28		105	874.9	39	3.1	-283.5	+0.3	594.8							

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. W-220 DATE JULY 4, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT 10024 LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity <i>* Correction</i>	Elev.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity	
	BS #28		0	874.5	39	3.1	-282.8	0	594.8							
L-76 E		72-S	20	708.5	35	2.7		-1	428.3	42.93	3294.51	196.68		-0.58	239.03	
INTER 7430		71-S	24	715.6	39	3.1		-1	435.8	43.68	3284.07	196.06		-0.59	239.15	
		71-S	26	716.0	38	3.0		-1	436.1	43.71	3283.77	196.04		-0.60	239.15	
		70-S	30	718.0	34	2.7		-1	437.8	43.89	3281.39	195.90		-0.62	239.17	
		69-S	35	705.4	32	2.5		-2	424.9	42.59	3300.99	197.07		-0.64	239.02	
		68-S	42	696.1	36	2.8		-2	416.9	41.69	3315.85	197.96		-0.66	238.99	
		67-S	45	703.7	33	2.6		-2	423.3	42.43	3301.78	197.12		-0.68	238.87	
		66-S	49	711.7	38	3.0		-2	431.7	43.27	3285.78	196.16		-0.70	238.73	
		65-S	53	714.3	30	2.3		-3	433.5	43.45	3281.12	195.88		-0.72	238.61	
		64-S	58	714.5	29	2.3		-3	433.7	43.47	3278.91	195.75		-0.74	238.48	
		63-S	67	687.0	32	2.5		-3	406.4	40.74	3325.87	198.55		-0.76	238.53	
		62-S	72	681.6	35	2.7		-3	401.2	40.22	3338.36	199.30		-0.78	238.74	
(-0.0048000)		61-S	77	677.3	36	2.8		-4	396.9	39.79	3346.69	199.80		-0.80	238.79	
		60-S	80	675.6	33	2.6		-4	395.0	39.59	3351.63	200.09		-0.82	238.86	
		59-S	84	680.1	31	2.4		-4	399.3	40.03	3346.64	199.79		-0.84	238.98	
		58-S	87	679.5	35	2.7		-4	399.0	40.00	3347.92	199.81		-0.86	239.01	
		57-S	90	670.4	37	2.9		-4	390.1	39.10	3361.00	200.65		-0.88	238.87	
		56-S	96	659.5	29	2.3		-5	378.5	37.94	3384.25	202.04		-0.91	239.07	
		55-S	100	641.5	34	2.7		-5	360.9	36.18	3405.51	203.31		-0.93	238.56	
		54-S	105	654.7	38	3.0		-5	374.4	37.53	3388.40	202.29		-0.95	238.87	
		53-S	109	677.4	35	2.7		-5	396.8	39.78	3352.53	200.15		-0.97	238.96	
		52-S	114	684.9	39	3.1		-5	404.7	40.57	3339.28	199.36		-0.99	238.94	
		51-S	117	698.6	37	2.9		-6	417.5	41.85				-1.01		(1974 - 41.92)
	M.B.S.		125	801.9	39	3.1	-282.8	-0.6	521.6							

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. W-220 DATE JULY 5, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT $\cdot 10024$ LATITUDE

CHECKED

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[illegible]

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE JULY 5, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT .10024 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. #1-A		0	623.6	34	2.5	-284.7	0	341.4							
L- 72E		56-S	22	491.6	34	2.5		+0.2	209.6	21.01	3696.15	220.66		-1.27	240.40	1974 - 21.93
	56	57-S	26	501.0	30	2.3		+.	218.3	21.93	3681.89	219.81		-1.25	240.49	
	57	58-S	30	511.0	35	2.7		+3	229.3	22.99	3667.06	218.92		-1.23	240.68	
	58	59-S	34	510.1	40	3.1		+3	228.3	22.93	3665.58	218.84		-1.21	240.56	
	59	60-S	37	512.0	42	3.3		+3	230.9	23.15	3664.51	218.77		-1.19	240.73	
	60	61-S	40	502.9	39	3.1		+4	221.7	22.22	3678.86	219.63		-1.17	240.68	
	61	62-S	44	486.6	40	3.1		+4	205.4	20.59	3700.00	220.89		-1.15	240.33	
(+ .0089743)	62	63-S	47	492.7	34	2.7		+4	211.1	21.10	3691.93	220.41		-1.13	240.44	
	63	64-S	50	503.8	34	2.7		+4	222.2	22.27	3675.15	219.41		-1.11	240.51	
	64	65-S	53	510.5	39	3.1		+5	229.4	23.00	3666.79	218.91		-1.09	240.82	
	65	66-S	56	510.0	38	3.0		+5	228.8	22.93	3668.66	219.02		-1.07	240.88	
	66	67-S	59	499.9	38	3.0		+5	218.7	21.92	3684.34	219.96		-1.05	240.83	
	67	68-S	63	487.5	38	3.0		+6	206.4	20.69	3704.62	221.17		-1.03	240.83	
(.0238095)	68	69-S	66	486.0	38	3.0		+6	204.9	20.54	3709.32	221.45		-1.01	240.98	
	69	70-S	70	482.0	36	2.8		+6	200.7	20.12	3716.80	221.89		-0.99	241.02	
	70	71-S	74	476.5	34	2.7		+7	195.2	19.51	3723.57	222.30		-0.97	240.90	
	B.S. #26	72-S	78	474.9	35	2.7	-284.7	+0.7	193.6		3723.88			-0.95		
	B.S. #26		84	477.4	37	2.9	-284.7	-2.0	193.6							

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE JULY 3, 76 OPERATOR

C. CHAN

INSTRUMENT

INSTR. CONSTANT .10024 LATITUDE

CHECKED

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PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE AUG 5, 76

OPERATOR

CHAN

INSTRUMENT

INSTR. CONSTANT 10152

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	85#5		0	665.2	36	2.8	-344.9	0	323.1							
L-96E		RL-0	23	677.9	35	2.7		-0.1	335.6	34.07	3428.55	204.68		-2.05	236.70	
		1-N	27	671.2	37	2.9		-0.2	329.0	32.40	3439.9	205.36		-2.07	236.69	
		2-N	30	666.2	37	2.9		-0.2	324.0	32.89	3448.22	205.86		-2.07	236.66	
		3-N	34	663.7	38	2.5		-0.2	321.1	32.60	3454.26	206.22		-2.11	236.71	
		4-N	37	659.1	36	2.8		-0.2	316.8	32.16	3462.29	206.70		-2.13	236.73	
		5-N	41	656.0	33	2.5		-0.2	313.4	31.82	3469.23	207.11		-2.15	236.78	
		6-N	44	653.8	34	2.6		-0.3	311.2	31.59	3474.15	207.41		-2.17	236.83	
		7-N	48	650.6	34	2.6		-0.3	308.0	31.27	3481.65	207.85		-2.17	236.93	
		8-N	52	646.7	36	2.8		-0.3	304.3	30.89	3490.61	208.39		-2.21	237.07	
		9-N	56	641.3	36	2.8		-0.3	298.9	30.34	3501.13	209.02		-2.23	237.13	
(-0.00689517)		10-N	59	635.2	36	2.8		-0.3	292.8	29.73	3512.11	209.67		-2.26	237.14	
		11-N	62	629.7	36	2.8		-0.4	289.2	29.16	3522.75	210.31		-2.28	237.19	
-(0.0058333)		12-N	66	625.3	36	2.8		-0.4	282.8	28.71	3531.51	210.83		-2.30	237.24	
		13-N	69	621.2	37	2.9		-0.4	278.8	28.30	3539.54	211.31		-2.32	237.29	
		14-N	73	615.7	36	2.8		-0.4	273.2	27.74	3549.19	211.90		-2.34	237.30	
		15-N	77	612.1	36	2.8		-0.4	269.6	27.37	3557.10	212.36		-2.36	237.37	
		16-N	80	610.2	34	2.6		-0.5	267.4	27.15	3562.28	212.67		-2.38	237.44	
		17-N	84	608.0	33	2.5		-0.5	265.1	26.91	3567.32	212.97		-2.40	237.48	
		18-N	88	600.5	34	2.6		-0.5	257.7	26.16	3579.99	213.73		-2.42	237.47	
		19-N	92	594.8	36	2.8		-0.5	252.2	25.60	3591.06	214.39		-2.44	237.55	
		20-N	96	588.8	37	2.9		-0.6	246.2	24.99	3601.60	215.02		-2.46	237.55	
		21-N	100	583.4	36	2.8		-0.6	240.7	24.44	3609.81	215.51		-2.48	237.47	
		22-N	104	578.6	36	2.8		-0.6	235.9	23.95	3618.32	216.01		-2.50	237.46	
		TK-22E	108	576.5	38	2.9		-0.6	233.9	23.75	3621.04	216.18		-2.51	237.42	

B-5#22

2249

120 558.2 36 2.8 -344.9 -0.7 215.4

(11)

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE Aug 5, 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.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	B.S. #22		0	558.2	36	2.8	-345.6	0	215.4							
L-104E	INTBR	22-N	18	609.9	36	2.8		-0.1	267.0	27.11	3557.4	212.36	-2.37		237.09	22+22
		22-N	21	610.5	35	2.7		-0.1	267.5	27.16	3555.29	212.25	-2.37		237.04	
		21-N	25	621.9	36	2.8		-0.1	279.0	28.32	3539.38	211.30	-2.35		237.28	
		20-N	29	630.9	36	2.8		-0.1	288.0	29.24	3525.04	210.44	-2.33		237.35	
		19-N	32	643.4	39	3.0		-0.1	300.7	30.53	3504.98	209.25	-2.31		237.46	
		18-N	36	652.8	35	2.7		-0.1	309.8	31.45	3487.21	208.19	-2.29		237.35	
		17-N	39	659.1	37	2.9		-0.1	316.3	32.11	3474.60	207.43	-2.27		237.27	
		16-N	43	663.2	37	2.9		-0.1	320.4	32.53	3466.79	206.97	-2.24		237.25	
Shaky		15-N	47	667.5	39	3.0		-0.2	324.7	32.96	3454.74	206.28	-2.22		237.20	
		14-N	51	684.2	37	2.9		-0.2	341.3	34.65	3430.24	204.79	-2.18		237.25	
		13-N	58	685.3	36	2.8		-0.2	342.3	34.75	3427.16	204.60	-2.16		237.19	
		12-N	62	697.7	39	3.0		-0.2	353.1	35.85	3407.26	203.41	-2.16		237.10	
		11-N	66	705.4	35	2.7		-0.2	362.3	36.78	3394.33	202.64	-2.17		237.28	
		10-N	70	715.2	37	2.9		-0.2	372.3	37.80	3378.16	201.68	-2.12		237.35	
(-0.00330578)		9-N	74	719.8	33	2.5		-0.2	376.5	38.22	3370.55	201.22	-2.10		237.34	
		8-N	78	724.8	35	2.7		-0.3	381.6	38.74	3360.51	200.62	-2.08		237.28	
		7-N	82	730.4	33	2.5		-0.3	387.0	39.29	3349.45	199.96	-2.06		237.19	
		6-N	86	734.1	35	2.7		-0.3	390.9	39.68	3340.37	199.42	-2.04		237.06	
		5-N	90	740.6	36	2.8		-0.3	397.5	40.35	3327.46	198.65	-2.02		236.98	
		4-N	94	744.8	39	3.0		-0.3	401.9	40.80	3318.19	198.10	-2.00		236.90	
		3-N	98	752.0	37	2.9		-0.3	409.0	41.52	3303.76	197.23	-1.98		236.78	
		2-N	102	757.4	34	2.6		-0.3	414.1	42.04	3294.61	196.69	-1.96		236.77	
		1-N	106	761.6	38	2.9		-0.4	418.5	42.48	3287.29	196.25	-1.94		236.80	
		B.H.O	110	767.0	34	2.6		-0.4	423.6	43.00	3278.44	195.72	-1.92		236.81	

B.S. #29 121 801.4 34 2.6 -345.6 -0.4 458.0

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PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date JUNE 28, 76 Operator C. CHAN Instrument Instr. Constant Latitude Checked

Remarks	Base	Station	Time	Reading	HI	HI corr	Drift	Corr. Reading	Off In Scale Div	Observed Gravity	Elev.	Elev. Corr.	Latitude	Latitude Corr.	Bouguer Gravity	
L-88 E	65 #22	22+29N	0	487.3	38	2.9	274.9	215.3		21.87						
INTER L-104 E		22+22N	14	539.4	34	2.6	0	+267.1		27.13	3557.04	212.36		-2.31	237.12	
		22-N	15	540.0	37	2.9	0	+268.0		27.22	3555.29	212.25		-2.37	237.10	
		21-N	19	551.0	39	3.0	0	+279.1		28.35	3539.38	211.30		-2.35	237.30	
		20-N	23	560.3	35	2.7	+1.	+288.2		29.28	3525.04	210.44		-2.33	237.39	
		19-N	27	572.2	39	3.0	+1.	+301.1		30.59	3504.98	209.25		-2.31	237.52	
		18-N	30	580.7	40	3.1	+1.	+309.0		31.39	3487.21	208.19		-2.29	237.28	
		17-N	33	587.8	36	2.8	+1.	+315.8		32.08	3474.66	207.43		-2.24	237.27	
		16-N	36	591.2	38	2.9	+1.	+319.3		32.43	3466.79	206.97		-2.27	237.13	
		15-N	69	597.1	38	2.9	+2.	+325.3		33.04	3441.90	205.48		-2.22	236.31	*
		14-N	74	612.4	37	2.9	+2.	+340.6		34.60	3430.24	204.79		-2.20	237.18	
		13-N	79	612.6	39	3.0	+2.	+340.9		34.63	3427.16	204.60		-2.18	237.05	
		12-N	84	625.5	41	3.2	+2.	+364.0		35.96	3407.26	203.41		-2.16	237.21	
		11-N	87	626.8	35	2.7	+2.	+354.8		36.04	3382.51	201.94		-2.14	235.84	*
		10-N	90	637.3	38	2.9	+2.	+365.5		37.13	3378.16	201.68		2.12	236.68	
		9-N	94	641.9	36	2.8	+2.	+370.0		37.58	3370.55	201.22		-2.10	236.71	
		8-N	97	647.4	36	2.8	+2.	+376.5		38.14	3360.51	200.62		-2.08	236.69	
		7-N	100	652.9	30	2.3	+2.	+380.5		38.65	3349.45	199.96		-2.06	236.55	
		6-N	104	655.6	40	3.1	+2.	+384.0		39.01	3340.37	199.42		-2.04	236.39	
		5-N	108	661.9	38	2.9	+2.	+390.1		39.63	3327.46	198.65		-2.02	236.26	
		4-N	111	667.7	39	3.0	+2.	+396.0		40.23	3318.19	198.10		-2.00	236.32	
		3-N	115	675.1	39	3.0	+3.	+403.5		40.99	3303.76	197.23		-1.98	236.24	
		2-N	118	680.5	38	2.9	+3.	+408.8		41.53	3294.61	196.69		-1.96	236.25	
		1-N	120	684.6	41	3.2	+3.	+413.2		41.97	3287.29	196.25		-1.94	236.28	
		0+00	123	690.1	36	2.8	+3.	+418.3		42.49	3278.44	195.72		-1.92	236.29	
L-112 E	65 #29	134	729.5	37	2.9	274.9	20.3	457.8								

PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job # Date Jan 28, 76 Operator C. CHAN 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	Checked
L-112	R5#29	0+00	0	729.4	37	2.9	+0.0	457.8		46.50	3223.29	192.43		-1.80	237.13	
		1-S	4	730.5	36	2.8	+0.1	458.9		46.62	3215.58	191.97		-1.78	236.81	
		2-S	8	736.0	36	2.8	+0.2	464.5		47.18	3171.28	189.33		-1.76	234.75	*
		3-S	12	744.8	34	2.6	+0.3	473.2		48.07	3196.74	190.85		-1.74	237.17	
		4-S	15	755.2	36	2.8	+0.3	483.8		49.14	3176.36	189.63		-1.72	237.05	
		5-S	19	759.8	38	2.9	+0.4	488.6		49.63	3162.93	188.83		-1.70	236.76	
		6-S	22	763.8	41	3.2	+0.5	493.0		50.08	3151.27	188.13		-1.68	236.53	
		7-S	26	771.9	39	3.0	+0.6	501.0		50.89	3138.90	187.39		-1.66	236.62	
		8-S	30	781.7	38	2.9	+0.7	510.8		51.89	3124.01	186.50		-1.64	236.75	
		9-S	34	791.9	31	2.4	+0.7	520.4		52.86	3108.80	185.60		-1.62	236.84	✓
		10-S	38	806.0	36	2.8	+0.8	535.1		54.36	3091.82	184.58		-1.60	237.34	
		11-S	41	817.9	31	2.4	+0.9	546.7		55.53	3072.33	183.42		-1.58	237.37	
		12-S	45	829.8	39	3.0	+1.0	559.3		56.81	3052.74	182.25		-1.56	237.50	
		13-S	48	841.9	38	2.9	+1.0	571.3		58.03	3030.51	180.92		-1.54	237.41	
		14-S	50	853.4	40	3.1	+1.1	583.1		59.23	3011.16	179.77		-1.52	237.48	
		15-S	60	846.5	37	2.9	+1.3	576.2		58.53	3019.46	180.26		-1.50	237.29	
		16-S	63	843.1	36	2.8	+1.4	572.8		58.19	3026.50	180.68		-1.48	237.39	
	M.B.S.		87	784.0	44	3.4	+1.9	544.8								

(0.02/0.0390)

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE JUNE 29, 76 OPERATOR C. CHAN 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-104	M.B.S.		0	781.5	40	3.1	269.8	0	514.8	Knock off		23.4				
L-112		40-S	19	812.3	26	2.0	293.1	-.3	620.9							
		39-S	24	803.3	38	2.9		-.5	612.6	612.3	+3					
		38-S	28	894.4	31	2.4		-.6	603.1	603.6	-.5					
		37-S	32	898.1	38	2.9		-.6	607.3	606.9	+4					
C. 50 FT. ADJUST		37-S	35	898.8	35	2.7		-.7	607.7	608.0	-.3					
		36-S	38	897.6	26	2.8		-.8	606.5	605.3	+1.2					
		35-S	42	899.3	42	3.2		-.8	608.6	607.4	+1.2					
		34-S	46	889.9	32	2.5		1.9	598.4	598.1	+3					
		33-S	50	879.4	37	2.9		1.0	588.2	588.1	+1					
		32-S	54	857.8	42	3.2		1.1	566.8	566.8	—					
		31-S	58	857.5	43	3.3		1.2	566.5	566.5	—					
		30-S	61	864.1	32	2.5		1.2	572.3	572.4	-.1					
		29-S	64	863.6	34	2.6		1.3	571.8	571.7	+1					
		28-S	67	863.2	38	2.9		1.3	571.7	571.7	—					
		27-S	70	862.3	39	3.0		1.4	570.8	570.8	—					
		26-S	74	860.1	33	2.5		1.4	568.1	568.7	-.6					
		25-S	77	859.8	40	3.1		1.5	568.3	568.9	-.6					
		24-S	80	860.0	27	2.1		1.6	567.4	567.4	—					
		23-S	84	857.6	30	2.3		1.7	565.1	565.8	-.7					
		22-S	87	858.2	36	2.8		1.7	566.2	567.9	1.7					
		21-S	90	856.4	36	2.8		1.8	564.3	566.2	1.9					
		20-S	94	858.2	43	3.3		1.9	566.5	567.9	1.4					
		19-S	97	861.6	36	2.8		1.9	569.4	570.8	1.2					
		18-S	101	864.0	37	2.9		2.0	571.80	572.4	-.6					

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

PAGE No. 1

JOB No.

DATE AUG 4, 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.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
RESET.	BS #5		0	664.5	40	3.1	-344.5	0	323.1							
L-88K		12-S	4	674.7	33	2.5		-0	332.7	33.78	3454.89	206.26		-1.92	238.11	
		11-S	7	698.5	34	2.6		-0	348.6	35.39	3429.05	204.71		-1.94	238.16	
		10-S	10	701.8	33	2.5		-0.1	359.7	36.52	3408.49	203.49		-1.96	238.04	
shaky		9-S	14	712.0	34	2.6		-0.1	370.0	37.56	3389.36	202.34		-1.99	237.92	
		8-S	17	722.5	32	2.5		-0.1	380.4	38.62	3372.61	201.34		-2.01	237.96	
		7-S	21	730.6	33	2.5		-0.1	388.5	39.44	3356.18	200.36		-2.03	237.77	
		6-S	24	746.5	32	2.5		-0.2	404.3	41.04	3324.98	198.50		-2.05	237.50	
		5-S	29	748.0	34	2.6		-0.2	405.9	41.21	3321.96	198.32		-2.07	237.46	
		4-S	33	732.6	33	2.5		-0.2	390.4	39.63	3347.19	199.83		-2.09	237.37	
(.007/4285)		3-S	37	718.9	34	2.6		-0.3	376.7	38.24	3370.04	201.19		-2.11	237.32	
		2-S	41	703.0	33	2.5		-0.3	360.7	36.62	3396.73	202.78		-2.13	237.27	
		1-S	45	691.5	33	2.5		-0.3	349.2	35.45	3416.23	203.95		-2.15	237.25	
		BK-0	49	680.1	34	2.6		-0.3	337.9	34.30	3432.84	204.94		-2.17	237.07	
	BS #22		70	557.5	38	2.9	-344.5	-0.5	215.4							
	BS #22		0	557.5	38	2.9	-345.0	0	215.4							
	TL-	L-88K	3	556.9	33	2.5		-0	214.4	21.77	3648.76	217.83		-2.62	236.98	
		L-86E	7	556.9	38	2.9		-0	214.8	21.81	3648.00	217.79		-2.66	236.93	
		L-84B	11	533.6	39	3.0		-0.1	191.5	19.44	3678.73	219.62		-2.69	236.37	
		~~L-82E~~	~~15~~	~~533.8~~	~~37~~											
		L-82E	19	530.4	37	2.9		-0.1	188.2	19.11	3684.08	219.94		-2.72	236.33	
1.276R		L-80E	23	535.6	36	2.8	-345.0	-0.1	193.3	19.62	3675.81	219.45		-2.75	236.92	

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

 JOB No. DATE Aug 4, 76 OPERATOR Chen INSTRUMENT INSTR. CONSTANT 10152 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr. 0.597	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-80E		22-N	27	533.5	36	2.8	-345.0	-0.1	191.2	19.41	3678.92	219.63	-2.74	236.30		
		21-N	31	540.0	39	3.0		-0.2	191.8	20.08	3667.07	218.92	-2.72	236.28		
		20-N	34	549.6	36	2.8		-0.2	207.2	21.03	3650.35	217.93	-2.70	236.26		
		19-N	38	559.1	36	2.8		-0.2	216.7	22.00	3633.31	216.91	-2.68	236.23		
		18-N	42	566.7	36	2.8		-0.2	224.3	22.77	3620.49	216.14	-2.66	236.25		
		17-N	46	575.1	39	3.0		-0.2	232.9	23.64	3605.93	215.27	-2.64	236.27		
		16-N	49	581.7	37	2.9		-0.3	239.3	24.29	3595.23	214.64	-2.62	236.31		
		15-N	52	576.3	35	2.7		-0.3	233.7	23.73	3603.55	215.13	-2.60	236.26		
		14-N	56	575.7	37	2.9		-0.3	233.3	23.68	3604.69	215.20	-2.58	236.30		
		13-N	60	574.2	38	2.9		-0.3	231.8	23.53	3605.44	215.24	-2.56	236.21		
		12-N	63	578.8	32	2.5		-0.3	236.0	23.96	3597.90	214.79	-2.53	236.22		
		11-N	67	595.3	35	2.7		-0.4	252.6	25.64	3573.26	213.32	-2.51	236.45		
		10-N	70	594.6	38	2.9		-0.4	252.1	25.59	3572.90	213.30	-2.49	236.40		
		9-N	74	616.3	39	3.0		-0.4	273.9	27.81	3540.57	211.37	-2.47	236.71		
		8-N	77	629.1	38	2.9		-0.4	286.6	29.10	3522.61	210.30	-2.45	236.95		
		7-N	81	633.4	40	3.1		-0.4	291.1	29.55	3517.67	210.00	-2.43	237.12		
		6-N	84	636.2	32	2.5		-0.5	293.2	29.77	3517.46	210.00	-2.41	237.36	-	
(-0.0054264)		5-N	88	636.3	36	2.8		-0.5	293.6	29.81	3514.45	209.81	-2.39	237.23		
		4-N	92	635.5	37	2.9		-0.5	292.9	29.74	3514.30	209.80	-2.37	237.17		
		3-N	96	638.5	37	2.9		-0.5	295.9	30.04	3507.66	209.41	-2.35	237.10		
		2-N	99	651.1	39	3.0		-0.5	308.6	31.33	3486.08	208.12	-2.33	237.12		
		1-N	103	660.7	33	2.5		-0.6	317.6	32.24	3471.35	207.24	-2.31	237.17		
		BL-D	106	670.5	35	2.7		-0.6	327.6	33.26	3453.89	206.20	-2.29	237.17		
	B5.#4		129	509.9	35	2.7	-345.0	-0.7	166.9	16.94						

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

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	
BASE STATION	BS #31	31	0	359.7	36	2.8	+242.4	0	602.9							
BASE LINE		132E	4	362.7	25	2.0		0	607.1	60.86	2977.48					
		134	9	369.3	33	2.6		0	614.3	61.58	2960.88					
INT 68+025/79+00N		136	16	393.0	27	2.1		+1	637.6	63.91	2917.20					
		138	24	419.4	33	2.6		+1	664.5	66.61	2869.88					
		140	31	443.3	28	2.2		+2	688.1	68.98	2827.39					
LEG BROKE		142	83	463.8	30	2.4		+4	709.0	71.07	2790.06					
INT 68+00N/77+00S		144	90	478.7	28	2.2		+4	722.7	72.44	2756.41					
L 144E		1+00S	97	475.3	21	1.6		+5	719.8	72.15	2760.26					
		2+00S	102	474.5	24	1.9		+5	719.3	72.10	2762.10					
		3+00S	107	471.5	25	2.0		+5	716.4	71.81	2766.64					
		4+00S	113	464.4	24	1.9		+5	709.2	71.09	2776.25					
		5+00S	119	459.8	33	2.6		+6	705.4	70.71	2738.81					
BASE STATION	BS #31		149	357.1	35	2.7	+242.4	+0.7	602.9							

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

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	
BASE STATION		31	0	356.8	36	2.8	+143.3	0	602.9							
BASE LINE		120 E	17	284.2	27	2.1		-1	529.5	53.08	3113.5~					
		122 E	24	305.0	34	2.7		-2	550.8	55.21	3076.04					
		124 E	32	321.7	37	2.9		-2	567.7	56.91	3051.58					
		126 E	40	336.1	23	1.8		-3	580.9	58.23	3026.01					
INT 68+00S 81+00N		128 E	48	345.2	32	2.5		-3	590.7	59.21	3009.04					
L 128		1+00S	56	347.3	30	2.4		-4	592.6	59.40	3005.12					
		2+00S	61	348.3	26	2.0		-4	593.~	59.46	3003.08					
		3+00S	66	353.8	23	1.8		-4	598.5	59.99	2965.84					
		4+00S	72	356.2	29	2.3		-5	601.3	60.27	2988.49					
		5+00S	78	358.7	31	2.4		-5	603.9	60.53	2995.83					
BASE LINE (CONT'D)		130 E	86	353.8	27	2.1		-6	598.6	60.00	2993.93					
BASE STATION		31	92	357.4	36	2.8	+143.3	-0.6	602.9		~~299~~					

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PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE OPERATOR *DAMON* INSTRUMENT INSTR. CONSTANT *100.24* LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
BASE STATION		31	0	356.3	35	2.7	+243.9	0	602.9							
BASE LINE		166+30	54	579.5	34	2.7		+1.4	826.50	82.85	2556.48					
		166 E	59	581.3	35	2.7		+1.5	828.4	83.04	2556.49					
		164 E	64	575.8	23	1.8		+1.5	822.0	82.40	2564.91					
		162 E	69	560.2	31	2.4		+1.6	807.1	80.90	2589.17					
INT 66+00.5/75+00N		160 E	78	544.4	33	2.6		+1.6	791.5	79.34	2616.75					
		158 E	85	517.7	36	2.8		+1.7	765.1	76.67	2663.16					
		156 E	91	491.2	33	2.6		+1.7	738.4	74.02	2711.34					
		154 E	95	478.3	34	2.7		+1.8	725.7	72.74	2735.67					
INT 68+00.5/75+00N		152 E	100	475.4	36	2.8		+1.8	722.9	72.46	2743.11					
		150 E	105	483.4	35	2.7		+1.8	730.8	73.26	2731.16					
		148 E	111	489.0	32	2.5		+1.9	736.3	73.81	2725.79					
		146 E	117	485.5	34	2.7		+1.9	733.0	73.48	2735.98					
BASE STATION		31	138	355.0	37	2.9	+243.9	+1.1	602.9							

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE July 31/56 OPERATOR AL INSTRUMENT INSTR. CONSTANT .10024 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	
<u>4 L-50N 120+64E</u> <u>L-120E 22+66N</u>	<u>BS #30</u>	<u>22-N</u>	<u>0</u>	<u>510.2</u>	<u>40</u>	<u>3'</u>										
	<u>L-120E</u>	<u>23-N</u>	<u>8</u>	<u>508.5</u>	<u>39</u>	<u>3'</u>										
		<u>24-N</u>	<u>21</u>	<u>501.3</u>	<u>36</u>	<u>2.8</u>										
		<u>25-N</u>	<u>26</u>	<u>490.5</u>	<u>41</u>	<u>3.2</u>										
		<u>26-N</u>	<u>32</u>	<u>482.6</u>	<u>39</u>	<u>3'</u>										
		<u>27-N</u>	<u>38</u>	<u>477.8</u>	<u>41</u>	<u>3.2</u>										
		<u>28-N</u>	<u>44</u>	<u>470.6</u>	<u>36</u>	<u>2.8</u>										
		<u>29-N</u>	<u>50</u>	<u>460.3</u>	<u>36</u>	<u>2.8</u>										
		<u>30-N</u>	<u>56</u>	<u>451.3</u>	<u>38</u>	<u>3.0</u>										
		<u>31-N</u>	<u>64</u>	<u>443.5</u>	<u>41</u>	<u>3.2</u>										
		<u>32-N</u>	<u>69</u>	<u>436.5</u>	<u>41</u>	<u>3.2</u>										
		<u>33-N</u>	<u>74</u>	<u>425.7</u>	<u>37</u>	<u>2.9</u>										
		<u>34-N</u>	<u>79</u>	<u>417.7</u>	<u>40</u>	<u>3'</u>										
		<u>35-N</u>	<u>84</u>	<u>411.0</u>	<u>38</u>	<u>3.0</u>										
		<u>36-N</u>	<u>89</u>	<u>406.1</u>	<u>36</u>	<u>2.8</u>										
		<u>37-N</u>	<u>94</u>	<u>400.3</u>	<u>35</u>	<u>2.7</u>										
		<u>38-N</u>	<u>101</u>	<u>395.3</u>	<u>34</u>	<u>2.7</u>										
<u>CORRECTION</u> <u>VIA D32.2 39</u>		<u>39-N</u>	<u>106</u>	<u>389.0</u>	<u>37</u>	<u>2.9</u>										
		<u>40-N</u>	<u>119</u>	<u>384.7</u>	<u>35</u>	<u>2.7</u>										
		<u>41-N</u>	<u>125</u>	<u>381.3</u>	<u>40</u>	<u>3'</u>										
		<u>42-N</u>	<u>130</u>	<u>372.3</u>	<u>35</u>	<u>2.7</u>										
		<u>43-N</u>	<u>136</u>	<u>372.1</u>	<u>35</u>	<u>2.7</u>										
		<u>44-N</u>	<u>142</u>	<u>372.2</u>	<u>38</u>	<u>3.0</u>										
		<u>45-N</u>	<u>148</u>	<u>371.3</u>	<u>39</u>	<u>3'</u>										
		<u>46-N</u>	<u>152</u>	<u>366.3</u>	<u>40</u>	<u>3'</u>										
	<u>BS</u> <u>#36</u>	<u>47-N</u>	<u>159</u>	<u>356.7</u>	<u>41</u>	<u>3.2</u>										

Red M

CHECKED

~~Previous
change
work~~

CHECKED

[illegible]

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. W-220 DATE July 6, 76 OPERATOR C. CHAN INSTRUMENT 10024 LATITUDE 4.00 CHECKED ✓

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho = \frac{2.6}{\text{Elev.}} \times 10^{-9}$ Elev. Corr.	Latitude	Latitude Corr.	$\rho = \text{Bouguer Gravity}$	
	B.S. #10		0	439.0	34	2.7	-511.9	0	-70.2							
L-20 W		42-S	3	438.1	38	3.0		0	-70.8	-7.10	4154.82	248.04		-4.28	236.67	
		41-S	6	433.1	36	2.8		0	-76.0	-7.62	4162.15	248.98		-4.30	236.56	
		40-S	10	425.8	35	2.7		0	-83.4	-8.36	4172.88	249.12		-4.32	236.44	
		39-S	14	416.7	37	2.9		+ .1	-92.2	-9.24	4189.05	250.09		-4.34	236.50	*
		38-S	17	406.7	36	2.8		+ .1	-102.3	-10.25	4202.13	250.87		-4.36	236.25	
		37-S	21	397.0	39	3.1		+ .1	-111.7	-11.20	4216.27	251.71		-4.38	236.13	
		36-S	26	392.8	34	2.7		+ .1	-116.3	-11.66	4223.86	252.17		-4.40	236.11	
		35-S	30	391.5	34	2.7		+ .1	-117.6	-11.79	4225.81	252.28		-4.42	236.07	
		34-S	33	390.1	32	2.5		+ .1	-119.2	-11.95	4227.46	252.38		-4.44	235.99	
		33-S	36	382.3	39	3.1		+ .1	-126.4	-12.67	4238.96	253.07		-4.46	235.94	
		32-S	39	367.4	38	3.0		+ .2	-141.3	-14.16	4261.11	254.39		-4.48	235.74	
		31-S	42	362.1	39	3.1		+ .2	-146.5	-14.69	4269.54	254.89		-4.50	235.71	
		30-S	45	361.0	35	2.7		+ .2	-148.0	-14.84	4272.22	255.05		-4.52	235.70	
		29-S	48	359.5	35	2.7		+ .2	-149.5	-14.99	4274.59	255.19		-4.54	235.67	
		28-S	51	352.8	39	3.1		+ .2	-155.8	-15.62	4285.06	255.82		-4.56	235.64	
		27-S	54	340.9	37	2.9		+ .2	-167.9	-16.83	4302.83	256.88		-4.58	235.47	
		26-S	57	339.8	36	2.8		+ .2	-169.1	-16.95	4304.53	256.98		-4.60	235.43	
		25-S	61	331.0	39	3.1		+ .2	-177.6	-17.80	4320.92	257.96		-4.62	235.54	*
		24-S	64	321.1	38	3.0		+ .3	-187.5	-18.80	4333.40	258.70		-4.64	235.27	
		23-S	68	312.1	37	2.9		+ .3	-196.6	-19.71	4347.96	259.57		-4.65	235.22	
		22-S	71	302.7	37	2.9		+ .3	-206.0	-20.65	4362.62	260.45		-4.67	235.13	
		21-S	73	295.0	39	3.1		+ .3	-213.5	-21.40	4373.73	261.11		-4.69	235.02	
		20-S	76	292.1	37	2.9		+ .3	-216.6	-21.71	4380.10	261.49		-4.71	235.07	
		19-S	79	283.9	36	2.8		+ .3	-224.9	-22.54	4392.79	262.25		-4.73	234.98	

(+1.0039731)

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. W-220 DATE JULY 11, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT 100.24 LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	8.5#40		0	621.0	34	2.7	-952.8	0	-329.1							
sho (20 W)	INTER	0+00	3	617.5	30	2.3		0	-333.0	-33.38	4536.73	270.84		-5.09	232.37	
		1-N	7	608.2	27	2.1		0	-342.5	-34.33	4550.01	271.64		-5.11	232.20	
		2-N	11	597.5	35	2.7		-0.1	-352.7	-35.35	4563.63	272.45		-5.13	231.97	
		3-N	15	582.2	38	3.0		-1.1	-367.7	-36.86	4584.84	273.71		-5.15	231.70	
		4-N	19	566.3	34	2.7		-1.1	-383.9	-38.48	4608.87	275.15		-5.17	231.50	
		5-N	23	550.4	28	2.2		-2.2	-400.4	-40.14	4632.69	276.51		-5.19	231.24	
		6-N	27	534.8	33	2.6		-2.2	-415.6	-41.66	4653.91	277.84		-5.21	230.97	
		7-N	31	511.0	31	2.4		-2.2	-439.6	-44.07	4687.61	279.85		-5.23	230.55	
NO STICK		8-N	35	494.6	25	2.0		-2.2	-456.4	-45.75	4712.76	281.35				
$\approx$ 50 FT. AIRSET		9-N	40	481.1	30	2.3		-3.3	-469.7	-47.08	4732.05	282.50		-5.25	230.17	
		10-N	45	452.5	31	2.4		-3.3	-498.2	-49.94	4777.34	285.21		-5.27	230.00	
		11-N	50	430.5	39	3.1		-3.3	-519.5	-52.07	4811.43	287.24		-5.29	229.88	
		12-N	54	419.1	33	2.6		-4.4	-531.5	-53.28	4827.43	288.20		-5.31	229.61	
		13-N	59	404.8	35	2.7		-4.4	-545.7	-54.70	4846.05	289.31		-5.33	229.28	
		14-N	64	381.3	33	2.6		-4.4	-568.3	-57.07	4881.09	291.40		-5.35	228.98	
		15-N	70	354.0	39	3.1		-5.5	-596.2	-59.76	4919.98	293.72		-5.37	228.59	
(0.00 69565)		16-N	76	321.6	26	2.8		-5.5	-628.9	-63.04	4973.29	296.91		-5.39	228.48	
		17-N	81	304.0	36	2.8		-6.6	-646.6	-64.82	5001.99	298.62		-5.41	228.39	
		18-N	85	299.9	33	2.6		-6.6	-650.9	-65.25	5007.73	298.96		-5.43	228.28	
		19-N	90	287.0	35	2.7		-6.6	-663.7	-66.53	5026.19	300.06		-5.45	228.08	
		20-N	95	269.8	31	2.4		-7.7	-681.3	-68.29	5052.71	301.65		-5.47	227.89	
		21-N	100	258.3	39	3.1		-7.7	-692.1	-69.38	5069.85	302.67		-5.49	227.80	
	8.5#46		115	126.7	35	2.7	-952.8	-0.8	-824.2							

PETER E. WALCOTT & ASSOC. LTD.																	
GRAVITY DATA																	
PAGE No.		JOB No.		DATE		OPERATOR		INSTRUMENT		INSTR. CONSTANT		LATITUDE		CHECKED			
Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base ^o corr.	Drift	Corr. Reading	Observed Gravity	Elev.	ρ = Elev. Corr.	Latitude	Latitude Corr.	ρ = Bouguer Gravity		
Base S. At	BS [#] 10		0	276.5	24	1.9	-347.7	0	-69.3	7.04							
Rock on																	
Cut Rd.																	
L20 W		435	5	278.1	23	1.8		0	-67.8	-6.89	4152.01	247.31		-4.24	236.76		
		445	10	283.8	27	2.1		-1	-68.90	-6.29	4142.52	247.31		-4.22	236.60		*
		455	15	291.5	31	2.4		-1	-53.90	-5.48	4131.17	246.63		-4.20	236.96		
		46	29	294.5	24	1.9		-1.2	-51.50	-5.23	4126.29	246.34		-4.18	236.93		
		47	42	307.4	27	2.1		-1.3	-40.50	-4.11	4107.07	245.19		-4.16	236.92		
		48	51	313.6	30	2.3		-1.3	-32.10	-3.26	4097.02	244.59		-4.14	237.19		
		49	55	323.5	30	2.3		-1.3	-22.40	-2.26	4084.37	243.84		-4.12	237.46		
Tie Line 40		50	50	320.3	30	2.3		-1.4	-25.60	-2.59	4083.77	243.92		-4.10	237.23		
		51	80	327.4	31	2.4		-1.5	-18.40	-1.87	4076.05	243.34		-4.08	237.39		
		52	88	336.7	30	2.3		-1.5	-9.20	-0.93	4060.66	242.42		-4.06	237.43		
		53	93	337.4	27	2.1		-1.6	-8.80	-0.89	4061.49	242.47		-4.04	237.54		
		54	97	331.2	32	2.5		-1.6	-14.60	-1.48	4071.73	243.08		-4.02	237.58		
		55	102	323.5	25	1.9		-1.6	-23.90	-2.43	4084.47	243.84		-4.00	237.40		
		56	108	318.2	29	2.2		-1.7	-28.00	-2.84	4092.30	244.31		-3.98	237.49		
		57	113	319.4	30	2.3		-1.7	-26.70	-2.71	4090.35	244.19		-3.96	237.52		
(- .0062068)		58	118	324.5	27	2.1		-1.7	-21.80	-2.21	4085.03	243.88		-3.95	237.71		
		59	123	325.2	31	2.4		-1.8	-19.90	-2.02	4080.35	243.60		-3.93	237.65		
		60 5	128	329.3	29	2.2		-1.8	-17.00	-1.73	4075.27	243.29		-3.91	237.66		
		61 5	135	337.4	27	2.1		-1.8	-9.00	-0.91	4062.79	242.55		-3.89	237.74		
		62 5	141	349.8	27	2.1		-1.9	+3.30	+0.34	4043.98	241.43		-3.87	237.90		
Tie Line	BS [#] 11		145	356.2	29	2.2	-347.7	-0.9	+9.8	+1.00	4034.21	240.84		-3.86	237.98		
Base S. At	BS [#] 11		0	356.1	29	2.2			+9.8								

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

OPERATOR

INSTRUMENT

INSTR. CONSTANT

.70158

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
BLO	3.5.11		0	356.4	29	2.2	-3488	0	+9.8							
		22W	7	360.7	28	2.2		0	+14.10	+1.43	4027.83	240.46	-3.84	-3.84	238.05	
		20W	13	362.4	29	2.2		0	+15.80	+1.60	4024.49	240.26	-3.81	-3.81	238.05	
		18W	18	363.6	24	1.9		0	+16.70	+1.70	4022.47	240.14	-3.78	-3.78	238.06	
		16W	24	361.9	29	2.2		0	+15.30	+1.55	4023.17	240.18	-3.75	-3.75	237.99	
L 12W		52.215	31	361.2	22	1.7		0	+14.10	+1.43	4025.30	240.31	-3.73	-3.73	238.01	
		61.5	37	359.0	25	1.9		0	+12.70	+1.23	4027.54	240.44	-3.75	-3.75	237.92	
		60.5	41	351.9	29	2.2		0	+15.30	+0.54	4037.28	241.03	-3.77	-3.77	237.79	
		59	46	352.2	30	2.3		0	+5.70	+0.58	4036.14	240.96	-3.79	-3.79	237.75	
		58	51	345.4	28	2.2		0	-1.20	-0.12	4046.27	241.56	-3.81	-3.81	237.63	
		57	57	340.8	31	2.4		0	-5.60	-0.51	4052.97	241.96	-3.83	-3.83	237.56	
		56	61	337.0	29	2.2		0	-11.60	-1.18	4058.03	242.26	-3.85	-3.85	237.24	
		55	71	331.6	30	2.3		0	-14.90	-1.51	4065.00	242.68	-3.87	-3.87	237.30	
		54	75	325.0	27	2.1		0	-21.70	-2.20	4074.28	243.23	-3.89	-3.89	237.14	
		53	80	319.3	25	1.9		0	-27.60	-2.80	4083.31	243.77	-3.91	-3.91	237.06	
		52	85	317.9	27	2.1		0	-28.80	-2.93	4085.87	243.93	-3.93	-3.93	237.07	
		51	90	320.0	27	2.1		0	-26.70	-2.71	4082.58	243.73	-3.95	-3.95	237.07	
		50	94	319.9	30	2.3		0	-26.60	-2.70	4081.30	243.65	-3.97	-3.97	236.98	
		49	99	317.6	29	2.2		0	-29.00	-2.95	4084.30	243.83	-3.99	-3.99	236.90	
		48	105	315.5	28	2.2		0	-31.10	-3.16	4088.28	244.07	-4.01	-4.01	236.90	
		47	110	311.4	31	2.4		0	-35.00	-3.56	4092.98	244.35	-4.03	-4.03	236.77	
		46	115	313.0	29	2.2		0	-33.60	-3.41	4089.58	244.15	-4.05	-4.05	236.68	
		45	118	316.5	28	2.2		0	-30.10	-3.06	4083.52	243.79	-4.07	-4.07	236.66	
BLO	3.5.11		135	356.4	29	2.2	-3488	0	+9.8							

PAGE No. 3

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. W-220 DATE JULY 6, 76 OPERATOR

INSTRUMENT

INSTR. CONSTANT 10024 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. #40		0	179.2	35	2.7	-511.0	0	-329.1							
L-12 W		BL-0	8	207.2	38	3.0	-	0	-300.8	-30.95	4490.08	268.06		-4.97	232.94	
		1-S	11	217.2	36	2.8		-0.1	-291.1	-29.18	4478.03	267.34		-4.95	233.21	
		2-S	15	222.7	32	2.5		-0.1	-285.9	-28.66	4470.53	266.89		-4.93	233.30	
		3-S	19	227.8	31	2.4		-0.2	-281.0	-28.17	4463.92	266.50		-4.91	233.42	
		4-S	21	234.5	38	3.0		-0.2	-273.7	-27.44	4453.48	265.87		-4.89	233.55	
		5-S	24	242.0	37	2.9		-0.2	-266.3	-26.69	4441.49	265.16		-4.87	233.59	
Shelby		6-S	27	249.0	32	2.5		-0.2	-259.7	-26.03	4432.40	264.61		-4.85	233.73	
		7-S	30	251.5	38	3.0		-0.3	-256.8	-25.74	4427.84	264.34		-4.83	233.77	
		8-S	33	251.1	37	2.9		-0.3	-257.3	-25.79	4428.54	264.38		-4.81	233.78	
		9-S	35	263.7	37	2.9		-0.3	-244.7	-24.53	4410.82	263.33		-4.79	234.01	
		10-S	38	269.4	34	2.7		-0.3	-239.2	-23.92	4400.79	262.73		-4.77	233.98	
		11-S	40	283.4	35	2.7		-0.4	-225.3	-22.58	4379.79	261.47		-4.75	234.14	
		12-S	44	290.9	31	2.4		-0.4	-218.1	-21.86	4368.72	260.81		-4.73	234.22	
		13-S	47	292.8	34	2.7		-0.4	-215.9	-21.64	4365.61	260.63		-4.71	234.28	
		14-S	49	289.6	38	3.0		-0.4	-218.8	-21.93	4370.26	260.90		-4.69	234.28	
		15-S	52	299.8	36	2.8		-0.5	-208.9	-20.94	4355.67	260.03		-4.67	234.42	
		16-S	54	314.5	37	2.9		-0.5	-194.1	-19.46	4332.16	258.63		-4.65	234.52	
		17-S	56	324.1	36	2.8		-0.5	-184.6	-18.50	4318.46	257.81		-4.63	234.68	
		18-S	59	326.6	38	3.0		-0.5	-181.9	-18.23	4314.43	257.57		-4.61	234.73	
		19-S	62	333.5	38	3.0		-0.6	-175.1	-17.55	4303.56	256.92		-4.59	234.78	
		20-S	64	341.0	36	2.8		-0.6	-167.8	-16.82	4291.87	256.22		-4.57	234.83	
		21-S	66	341.0	38	3.0		-0.6	-167.6	-16.80	4292.81	256.28		-4.55	234.93	
		22-S	69	340.4	35	2.7		-0.6	-168.5	-16.89	4293.49	256.32		-4.53	234.90	
		23-S	72	351.9	37	2.9		-0.7	-156.9	-15.73	4276.48	255.31		-4.51	235.07	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE 10/16/76 OPERATOR SM

INSTRUMENT

INSTR. CONSTANT .10024

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. 14-W.	85'40		0	844.3	30	2.3	-1175.7	0	-329.1	-32.99						
		0+00	11	868.9	30	2.3		0	-304.5	-30.52	4494.75	268.34		-5.00	232.81	
			15	857.7	33	2.6		0	-315.4	-31.62	4510.23	269.26		-5.02	232.63	
		2-N	20	847.4	32	2.5		0	-325.8	-32.66	4524.24	270.10		-5.04	232.40	
			24	824.3	30	2.3		0	-349.10	-34.99	4560.85	272.28		-5.06	232.23	
		4-N	28	808.1	29	2.3		0	-365.30	-36.62	4585.87	273.78		-5.08	232.08	
			32	792.6	32	2.5		0	-380.60	-38.15	4609.47	275.19		-5.10	231.93	
		6-N	36	779.9	32	2.5		0	-393.30	-39.42	4629.83	276.40		-5.12	231.86	
			39	768.2	33	2.6		0	-404.90	-40.59	4646.61	277.40		-5.15	231.67	
		8-N	42	754.8	35	2.7		0	-418.20	-41.92	4666.81	278.61		-5.17	231.52	
			46	742.9	31	2.4		0	-430.40	-43.14	4683.99	279.63		-5.19	231.30	
		10-N	49	723.7	33	2.6		0	-449.40	-45.05	4711.61	281.28		-5.21	231.03	
			53	710.1	31	2.4		0	-463.20	-46.43	4732.27	282.52		-5.23	230.86	
		12-N	57	694.9	29	2.3		0	-478.50	-47.96	4755.42	283.90		-5.25	230.68	
			60	680.4	32	2.5		0	-492.80	-49.40	4776.55	285.16		-5.27	230.49	
		14-N	63	669.8	34	2.7		0	-503.20	-50.44	4790.62	286.00		-5.29	230.27	
			67	657.4	32	2.5		0	-515.80	-51.70	4804.89	286.85		-5.31	229.84	
		16-N	72	631.8	25	2.0		-1	-542.80	-54.33	4841.70	289.02		-5.33	229.39	
			77	621.1	34	2.7		-1	-552.0	-55.33	4856.11	289.91		-5.35	229.23	
		18-N	81	615.0	29	2.3		-1	-558.5	-55.98	4864.06	290.38		-5.37	229.03	
			84	604.4	29	2.3		-1	-569.1	-57.05	4877.84	291.21		-5.39	228.77	
		20-N	89	594.6	29	2.3		-1	-578.9	-58.03	4889.42	291.90		-5.42	228.45	
			93	598.8	29	2.3		-1	-574.7	-57.61	4880.58	291.37		-5.44	228.32	
		22-N	97	597.1	36	2.8		-1	-575.9	-57.73	4878.80	291.26		-5.46	228.08	
		23-N	101	594.1	35	2.7	-1175.7	-1	-579.0	-58.04	4879.52	291.31		-5.48	227.79	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE 5/4/76 OPERATOR J.M.

INSTRUMENT

INSTR. CONSTANT .0024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 14-W.		24-N	107	581.6	18	1.4	-1175.7	-1	-592.8	-594.2	4895.85	292.28		-5.50	227.36	
			111	568.6	34	2.7		-1	-604.5	-60.60	4913.97	293.36		-5.52	227.25	
		26-N	114	557.4	31	2.4		-1	-615.7	-61.72	4930.15	294.33		-5.51	227.07	x
			118	547.3	34	2.7		-1	-625.80	-62.73	4944.48	295.19		-5.56	226.90	
INT. 27+60-N 14+15-W.		28-N	122	536.4	36	2.8		-1	-636.60	-63.81	4961.73	296.22		-5.58	226.82	
		INT.	NO DATA													
		29-N	128	532.1	33	2.6		-1	-641.1	-64.26	4970.92	296.76		-5.60	226.90	
			132	524.5	37	2.9		-1	-648.4	-65.00	4984.10	297.55		-5.62	226.94	
		31-N	136	509.5	28	2.2		-1	-664.1	-66.57	(5022.35)	299.83		-5.64	227.62	
	BS#47		143	591.0	32	2.5	-1175.7	-0.1	-582.3							
L. 8-W.	BS#47		0	591.1	32	2.5	-1175.9	0	-582.3							
creek - 31+00-N		30-N	7	577.1	24	1.9		-1	-597.00	-598.4	4904.85	292.82		-5.53	227.45	
creek 28+50-N			11	596.6	25	2.0		-1	-577.4	-57.88	4873.24	290.93		-5.51	227.54	
INT. 28+00-N 9+46-W		INT. 28-N	15	617.6	31	2.4		-1	-556.0	-55.73	4841.14	289.02		-5.49	227.79	
			19	632.4	31	2.4		-2	-541.3	-54.26	4824.35	287.83		-5.46	228.11	
		26-N	23	646.1	29	2.3		-2	-527.7	-52.90	4802.23	286.69		-5.44	228.35	
			26	659.8	31	2.4		-2	-513.8	-51.40	4783.07	285.55		-5.42	228.62	
		24-N	30	672.1	27	2.1		-2	-501.9	-50.31	4765.50	284.50		-5.40	228.79	
			33	686.2	29	2.3		-3	-487.7	-48.89	4744.64	283.26		-5.38	228.99	
creek ~ 21+25		22-N	36	703.2	25	2.0		-3	-471.0	-47.21	4716.37	281.57		-5.36	228.99	
			NAILED IN 800 PACE													
		20-N	42	719.1	25	2.0		-3	-455.1	-45.62	4693.15	280.18		-5.32	229.24	
			45	732.5	30	2.3		-4	-441.5	-44.26	4674.86	279.09		-5.30	229.53	
		18-N	48	742.4	26	2.0	-1175.9	-4	-431.90	-43.29	4662.16	278.33		-5.28	229.76	

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P= Elev. Corr.	Lati- tude	Latitude Corr.	P = Bouguer Gravity
L. 8-W.		17-N	52	741.1	34	2.7	-1175.9	-0.4	-432.5	-43.35	4665.04	278.50		-5.26	229.89
			56	763.4	31	2.4		-0.4	-410.5	-41.15	4635.00	276.71		-5.23	230.33 *
		15-N	59	769.0	26	2.0		-0.5	-405.4	-40.64	4626.64	276.21		-5.21	230.36
			63	757.3	36	2.8		-0.5	-416.3	-41.73	4649.88	277.60		-5.19	230.68
		13-N	66	749.8	35	2.7		-0.5	-423.7	-42.49	4665.67	278.54		-5.17	230.88
			69	749.7	32	2.5		-0.5	-424.2	-42.52	4669.13	278.75		-5.15	231.08
		11-N	73	754.7	32	2.5		-0.6	-419.3	-42.03	4662.35	278.34		-5.13	231.18
			78	763.9	31	2.4		-0.6	-410.2	-41.12	4648.20	277.50		-5.11	231.28
		9-N	81	778.3	31	2.4		-0.6	-395.8	-39.67	4626.60	276.21		-5.09	231.15
			84	791.2	26	2.0		-0.7	-383.4	-38.43	4606.80	275.03		-5.07	231.53
by road diff -		7-N	89	809.4	25	2.0		-0.7	-365.2	-36.61	4575.52	273.16		-5.05	231.50
			93	830.3	34	2.7		-0.7	-343.6	-34.44	4543.09	271.22		-5.03	231.75
		5-N	98	851.3	35	2.7		-0.8	-322.7	-32.35	4510.54	269.28		-5.00	231.93
.007936'			101	868.2	30	2.3		-0.8	-306.2	-30.69	4488.32	267.95		-4.98	232.28
		3-N	104	874.6	29	2.3		-0.8	-299.8	-30.05	4481.78	267.56		-4.96	232.55
			107	878.4	28	2.2		-0.8	-296.1	-29.68	4478.58	267.37		-4.94	232.75
		1-N	110	880.9	33	2.6		-0.9	-293.3	-29.40	4476.05	267.22		-4.92	232.90
		0+00	114	885.0	31	2.4		-0.9	-289.4	-29.01	4469.94	266.86		-4.90	232.95
	B.S.#40		126	845.5	29	2.3	-1175.9	-1.0	-329.1						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE JUNE 9

OPERATOR TIM KIRBY

INSTRUMENT

INSTR. CONSTANT .10158

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	<u>BS#2A</u>		<u>0</u>	<u>354</u>	<u>28</u>	<u>2.2</u>	<u>-34.54</u>	<u>0</u>	<u>+10.8</u>	<u>1.10</u>						
<u>L 81W</u>		<u>61-5</u>	<u>6</u>	<u>351.9</u>	<u>26</u>	<u>2.0</u>		<u>+1</u>	<u>+8.6</u>	<u>0.87</u>	<u>4030.08</u>	<u>240.60</u>		<u>-3.65</u>	<u>237.82</u>	
		<u>60-5</u>	<u>12</u>	<u>349.5</u>	<u>33</u>	<u>2.5</u>		<u>+1</u>	<u>+6.7</u>	<u>0.68</u>	<u>4032.90</u>	<u>240.76</u>		<u>-3.67</u>	<u>237.77</u>	
		<u>59-5</u>	<u>17</u>	<u>345.2</u>	<u>33</u>	<u>2.5</u>		<u>+1.2</u>	<u>+2.5</u>	<u>0.25</u>	<u>4038.65</u>	<u>241.11</u>		<u>-3.69</u>	<u>237.67</u>	
		<u>58-5</u>	<u>24</u>	<u>340.7</u>	<u>31</u>	<u>2.4</u>		<u>+1.3</u>	<u>-2.0</u>	<u>-0.20</u>	<u>4045.74</u>	<u>241.53</u>		<u>-3.71</u>	<u>237.62</u>	
		<u>57-5</u>	<u>28</u>	<u>338.3</u>	<u>29</u>	<u>2.2</u>		<u>+1.3</u>	<u>-4.6</u>	<u>-0.47</u>	<u>4049.23</u>	<u>241.74</u>		<u>-3.73</u>	<u>237.54</u>	
		<u>56-5</u>	<u>32</u>	<u>336.6</u>	<u>29</u>	<u>2.2</u>		<u>+1.4</u>	<u>-6.2</u>	<u>-0.63</u>	<u>4051.51</u>	<u>241.88</u>		<u>-3.75</u>	<u>237.50</u>	
		<u>55-5</u>	<u>37</u>	<u>332.5</u>	<u>28</u>	<u>2.2</u>		<u>+1.4</u>	<u>-10.3</u>	<u>-1.05</u>	<u>4056.90</u>	<u>242.20</u>		<u>-3.77</u>	<u>237.38</u>	
		<u>54-5</u>	<u>40</u>	<u>332.0</u>	<u>28</u>	<u>2.2</u>		<u>+1.5</u>	<u>-10.7</u>	<u>-1.09</u>	<u>4057.11</u>	<u>242.21</u>		<u>-3.79</u>	<u>237.33</u>	
<u>MOSS</u>		<u>53-5</u>	<u>46</u>	<u>332.0</u>	<u>25</u>	<u>1.9</u>		<u>+1.5</u>	<u>-14.0</u>	<u>-1.12</u>	<u>4055.51</u>	<u>242.11</u>		<u>-3.82</u>	<u>237.19</u>	
		<u>52-5</u>	<u>53</u>	<u>329.8</u>	<u>24</u>	<u>1.9</u>		<u>+1.6</u>	<u>-13.1</u>	<u>-1.33</u>	<u>4056.47</u>	<u>242.17</u>		<u>-3.84</u>	<u>237.00</u>	
		<u>51-5</u>	<u>60</u>	<u>328.5</u>	<u>27</u>	<u>2.1</u>		<u>+1.7</u>	<u>-14.1</u>	<u>-1.43</u>	<u>4058.13</u>	<u>242.27</u>		<u>-3.86</u>	<u>236.98</u>	
		<u>50-5</u>	<u>64</u>	<u>326.7</u>	<u>36</u>	<u>2.8</u>		<u>+1.8</u>	<u>-15.1</u>	<u>-1.53</u>	<u>4060.31</u>	<u>242.40</u>		<u>-3.88</u>	<u>236.99</u>	
<u>BUMP 2nd Rd. 323.8, 35"</u>	<u>28'</u>	<u>49-5</u>	<u>71</u>	<u>324.0</u>	<u>32</u>	<u>2.5</u>		<u>+1.8</u>	<u>-18.1</u>	<u>-1.84</u>	<u>4063.51</u>	<u>242.59</u>		<u>-3.90</u>	<u>236.85</u>	
		<u>48-5</u>	<u>85</u>	<u>321.4</u>	<u>38</u>	<u>2.9</u>		<u>+1.8</u>	<u>-20.1</u>	<u>-2.04</u>	<u>4067.67</u>	<u>242.84</u>		<u>-3.92</u>	<u>236.88</u>	
		<u>47-5</u>	<u>90</u>	<u>319.7</u>	<u>31</u>	<u>2.4</u>		<u>+1.1</u>	<u>-22.2</u>	<u>-2.26</u>	<u>4070.87</u>	<u>243.03</u>		<u>-3.94</u>	<u>236.84</u>	
		<u>46-5</u>	<u>94</u>	<u>315.0</u>	<u>35</u>	<u>2.7</u>		<u>+1.1</u>	<u>-26.6</u>	<u>-2.70</u>	<u>4077.52</u>	<u>243.43</u>		<u>-3.96</u>	<u>236.77</u>	
<u>(.0118519)</u>		<u>45-5</u>	<u>98</u>	<u>310.1</u>	<u>32</u>	<u>2.5</u>		<u>+1.2</u>	<u>-31.6</u>	<u>-3.21</u>	<u>4085.23</u>	<u>243.89</u>		<u>-3.98</u>	<u>236.70</u>	
		<u>44-5</u>	<u>104</u>	<u>305.1</u>	<u>35</u>	<u>2.7</u>		<u>+1.2</u>	<u>-36.4</u>	<u>-3.70</u>	<u>4092.34</u>	<u>244.31</u>		<u>-4.00</u>	<u>236.62</u>	
		<u>43-5</u>	<u>108</u>	<u>301.2</u>	<u>34</u>	<u>2.6</u>		<u>+1.3</u>	<u>-40.3</u>	<u>-4.09</u>	<u>4098.10</u>	<u>244.66</u>		<u>-4.02</u>	<u>236.54</u>	
		<u>42-5</u>	<u>113</u>	<u>300.2</u>	<u>35</u>	<u>2.7</u>		<u>+1.3</u>	<u>-41.2</u>	<u>-4.19</u>	<u>4099.35</u>	<u>244.73</u>		<u>-4.04</u>	<u>236.51</u>	
		<u>41-5</u>	<u>117</u>	<u>299.1</u>	<u>30</u>	<u>2.3</u>		<u>+1.4</u>	<u>-42.6</u>	<u>-4.33</u>	<u>4100.37</u>	<u>244.79</u>		<u>-4.06</u>	<u>236.40</u>	
		<u>40-5</u>	<u>122</u>	<u>299.5</u>	<u>29</u>	<u>2.2</u>		<u>+1.4</u>	<u>-42.3</u>	<u>-4.30</u>	<u>4099.83</u>	<u>244.76</u>		<u>-4.08</u>	<u>236.38</u>	
		<u>39-5</u>	<u>127</u>	<u>298.7</u>	<u>26</u>	<u>2.0</u>		<u>+1.5</u>	<u>-43.2</u>	<u>-4.39</u>	<u>4099.32</u>	<u>244.73</u>		<u>-4.10</u>	<u>236.24</u>	
<u>L8W 38S</u>	<u>BS#8</u>	<u>38-5</u>	<u>135</u>	<u>297.1</u>	<u>32</u>	<u>2.5</u>	<u>-34.54</u>	<u>+1.6</u>	<u>-44.2</u>	<u>-4.49</u>	<u>4099.13</u>	<u>244.72</u>		<u>-4.12</u>	<u>236.11</u>	

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. N-220 DATE JULY 10, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT 100.24

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-8W	B.S. #12A		0	519.5	37	2.9	-511.4	0	+11.0							
		38-S	20	463.5	34	2.7		-.1	-45.3	-4.54	4099.13	244.72		-4.12	236.06	
		37-S	24	461.1	33	2.6		-.1	-47.8	-4.79	4100.61	244.81		-4.14	235.87	
		36-S	28	451.5	35	2.7		-.1	-57.3	-5.74	4115.70	245.71		-4.16	235.80	
		35-S	32	440.2	34	2.7		-.2	-68.7	-6.89	4134.14	246.81		-4.19	235.73	
		34-S	35	438.3	34	2.7		-.2	-70.6	-7.08	4137.19	246.99		-4.21	235.70	
		33-S	38	430.6	35	2.7		-.2	-78.3	-7.85	4147.93	247.63		-4.23	235.55	
	~~B.S. #8~~	32-S	41	424.4	35	2.7	-571.4	-.2	-84.5	-8.47	4157.56	248.21		-4.25	235.49	
		31-S	44	415.2	37	2.9		-.2	-93.5	-9.37	4177.67	249.41		-4.27	235.76	X
		30-S	47	406.9	36	2.8		-.2	-101.9	-10.21	4185.49	249.87		-4.29	235.37	
		29-S	50	400.0	36	2.8		-.3	-108.9	-10.92	4196.54	250.53		-4.31	235.31	
		28-S	54	391.8	37	2.9		-.3	-117.0	-11.73	4209.32	251.30		-4.32	235.24	
		27-S	57	383.5	38	3.0		-.3	-125.2	-12.55	4222.04	252.06		-4.35	235.16	
		26-S	59	382.0	32	2.5		-.3	-127.2	-12.75	4226.30	252.31		-4.37	235.19	
		25-S	62	378.9	38	3.0		-.3	-129.8	-13.01	4231.24	252.61		-4.39	235.20	
		24-S	65	372.2	38	3.0		-.3	-136.5	-13.68	4240.18	253.14		-4.41	235.05	
		23-S	68	366.3	39	3.1		-.3	-142.3	-14.26	4249.57	253.70		-4.43	235.01	
		22-S	71	363.4	37	2.9		-.4	-145.5	-14.58	4255.10	254.03		-4.45	234.99	
		21-S	74	359.7	36	2.8		-.4	-149.3	-14.97	4260.93	254.38		-4.47	234.94	
		20-S	77	354.4	36	2.8		-.4	-154.6	-15.50	4267.98	254.80		-4.49	234.81	
		19-S	80	348.8	36	2.8		-.4	-160.2	-16.06	4276.48	255.31		-4.51	234.74	
		18-S	83	344.6	35	2.7		-.4	-164.5	-16.49	4283.35	255.72		-4.54	234.69	
		17-S	86	339.3	36	2.8		-.4	-169.7	-17.01	4290.26	256.13		-4.56	234.56	
		16-S	89	331.9	35	2.7		-.5	-177.3	-17.77	4300.50	256.74		-4.58	234.39	
		15-S	92	326.2	34	2.7		-.5	-183.0	-18.34	4308.86	257.24		-4.60	234.30	

CHECKED

[illegible]

PAGE No. 3.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. W-220 DATE JULY 10, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT 10024 LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS #41		0	272.4	36	2.8	-511.2	0	-236.0							
L0+00		0+00	4	272.0	36	2.8		0	-236.6	-23.72	4380.18	261.50		-4.79	232.99	
		1-5	8	282.6	32	2.6		-0	-226.1	-22.60	4364.72	260.57		-4.76	233.15	
		2-5	12	292.6	30	2.3		-1	-216.4	-21.69	4350.87	259.75		-4.74	233.32	
		3-5	16	299.7	35	2.7		-1	-208.9	-20.94	4340.17	259.11		-4.72	233.45	
		4-5	19	303.2	34	2.7		-1	-205.4	-20.59	4335.01	258.80		-4.70	233.51	
		5-5	23	298.9	36	2.8		-1	-209.6	-21.01	4342.13	259.23		-4.68	233.53	
		6-5	27	308.4	36	2.8		-2	-200.2	-20.07	4327.83	258.31		-4.66	233.64	
		7-5	30	318.9	34	2.7		-2	-189.8	-19.03	4314.22	257.56		-4.64	233.89	
		8-5	34	326.1	31	2.4		-2	-182.9	-18.37	4303.77	256.94		-4.62	233.98	
		9-5	38	329.7	33	2.6		-2	-179.1	-17.95	4298.65	256.63		-4.60	234.08	
		10-5	42	338.0	36	2.8		-2	-170.6	-17.10	4285.20	255.83		-4.58	234.15	
		11-5	45	347.8	36	2.8		-3	-160.9	-16.13	4270.68	254.96		-4.56	234.27	
		12-5	49	357.9	36	2.8		-3	-150.8	-15.12	4255.27	254.04		-4.54	234.38	
		13-5	52	365.0	34	2.7		-3	-143.8	-14.41	4245.08	253.43		-4.52	234.50	
		14-5	56	369.1	31	2.4		-3	-140.0	-14.03	4238.88	253.06		-4.50	234.53	
		15-5	60	375.6	36	2.8		-4	-133.2	-13.35	4229.12	252.48		-4.48	234.63	
		16-5	63	379.4	33	2.6		-4	-129.6	-12.99	4223.81	252.16		-4.46	234.71	
		17-5	66	378.9	33	2.6		-4	-130.1	-13.04	4223.89	252.17		-4.44	234.69	
		18-5	69	380.2	34	2.7		-4	-128.7	-12.90	4221.67	252.03		-4.42	234.71	
		19-5	73	383.8	30	2.3		-4	-125.5	-12.58	4216.45	251.72		-4.39	234.75	
		20-5	76	388.1	35	2.7		-4	-120.8	-12.11	4210.08	251.34		-4.37	234.86	
		21-5	80	391.9	34	2.7		-5	-117.1	-11.74	4205.02	251.04		-4.35	234.95	
		22-5	84	395.5	36	2.8		-5	-113.4	-11.37	4198.87	250.67		-4.33	234.98	
		23-5	88	401.5	36	2.8		-5	-107.4	-10.77	4189.46	250.11		-4.31	235.03	

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE *Aug. 12/76* OPERATOR *S.M.*

INSTRUMENT

INSTR. CONSTANT

10024

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	
<i>L. 168-E</i>	<i>BS #34</i>		0	507.3	37	2.9	<i>+252.4</i>	0	762.6							
		<i>38-N</i>	12	549.0	36	2.8		0	804.2	80.61	2575.58	153.76		-1.69	232.69	
			17	549.8	37	2.9		0	805.1	80.70	2573.48	153.64		-1.71	232.63	
		<i>40</i>	19	547.2	36	2.8		0	802.4	80.43	2576.77	153.83		-1.73	232.54	
			22	546.1	34	2.7		0	801.2	80.31	2577.89	153.90		-1.75	232.46	
		<i>42</i>	26	545.3	35	2.7		0	800.4	80.23	2578.75	153.95		-1.77	232.41	
<i>Shady</i>			29	545.3	31	2.4		0	800.1	80.20	2579.29	153.98		-1.78	232.41	
		<i>44</i>	32	545.7	31	2.4		0	800.5	80.24	2577.67	153.89		-1.80	232.33	
			35	547.3	33	2.6		<i>+1</i>	802.4	80.43	2574.63	153.71		-1.82	232.32	
		<i>46</i>	38	547.7	34	2.7		<i>+1</i>	802.9	80.48	2572.84	153.60		-1.84	232.24	
		<i>47-N</i>	41	547.8	36	2.8		<i>+1</i>	803.1	80.50	2571.52	153.52		-1.86	232.16	
			44	549.7	36	2.8		<i>+1</i>	805.0	80.69	2569.11	153.38		-1.88	232.19	
		<i>49</i>	48	549.6	32	2.5		<i>+1</i>	804.6	80.65	2570.82	153.48		-1.90	232.23	
			51	551.4	30	2.3		<i>+1</i>	806.2	80.81	2568.10	153.32		-1.92	232.21	
		<i>51</i>	54	550.8	31	2.4		<i>+1</i>	805.7	80.76	2569.22	153.38		-1.94	232.21	
			58	551.8	33	2.6		<i>+1</i>	806.9	80.88	2568.25	153.32		-1.96	232.25	
		<i>53-N</i>	61	551.3	37	2.9		<i>+1</i>	806.7	80.86	2568.85	153.36		-1.98	232.24	
			67	551.0	31	2.4		<i>+1</i>	805.9	80.78	2571.15	153.50		-2.00	232.28	
		<i>55</i>	71	547.6	33	2.6		<i>+1</i>	802.7	80.46	2576.54	153.82		-2.02	232.26	
			74	549.7	35	2.7		<i>+1</i>	804.9	80.68	2574.29	153.69		-2.04	232.33	
		<i>57</i>	79	553.5	34	2.7		<i>+1</i>	808.7	81.06	2569.75	153.41		-2.06	232.42	
			82	552.2	36	2.8		<i>+1</i>	807.5	80.94	2571.79	153.54		-2.08	232.40	
		<i>59</i>	85	552.6	32	2.5		<i>+1</i>	807.6	80.95	2571.07	153.49		-2.10	232.35	
			92	553.4	34	2.7		<i>+1</i>	808.6	81.06	2570.01	153.43		-2.12	232.36	
		<i>61-N</i>	97	552.7	30	2.3		<i>+1</i>	807.5	80.94	2571.30	153.51		-2.14	232.31	

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE *Aug 13/76* OPERATOR *S.M.* INSTRUMENT INSTR. CONSTANT *10024* LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	<i>BS#39</i>		0	508.0	35	2.7	+248.1	0	758.8							
T.L. 69-N		INT.	8	418.4	32	2.5		-1	668.9	67.05	2819.36	168.32				
INT. 67+47-N 160+00-E		162-E	14	455.8	32	2.5		-1	706.3	70.80	2749.79					
		164-E	19	487.9	29	2.3		-1	738.2	74.00	2690.58					
Rd - 165+30 E + Rd - 166+10 E		166-E	24	516.2	35	2.7		-2	766.8	76.86	2640.79					
		168-E	30	547.1	36	2.8		-2	797.8	79.97	2587.48					
INT. $\approx$ 68+00 N 168+85-E		INT.	34	553.7	35	2.7		-2	804.3	80.62	2576.02					
		170-E	38	554.1	31	2.4		-3	804.3	80.62	2576.41					
(.006976714)		172-E	43	551.7	31	2.4		-3	801.9	80.38	2576.10					
		174-E	48	549.3	32	2.5		-3	799.6	80.15	2577.65					
BLIND 174+60 CREEK		INT	57	549.1	37	2.9		-0.4	799.7	80.16	2576.78					
INT $\approx$ 67+50 N + $\approx$ 175+70-E																
T.L. 69-N		69-N	63	548.5	28	2.2		-0.4	798.4	80.03	2577.53					
CONTINUED		SHAKE														
		178-E	71	549.6	27	2.1		-0.5	799.3	80.12	2578.44					
T.L. NOT CUT THRU ONE TO CREEK		180-E	75	550.1	35	2.7		-1.5	800.4	80.23	2579.10					
		182-E	81	550.5	32	2.5		-1.6	800.5	80.24	2578.85					
$\approx$ 300 between L. 176 & 178-E ON T.L.		BS#50	86	550.9	33	2.6	+248.1	-0.6	801.0	80.29	2578.16					
L. 184-E	BS#50	69-N	0	550.4	33	2.6	+248.0	0	801.0	80.29	2578.16	153.92		-2.06	232.15	
			3	551.6	32	2.5		0	802.1	80.40	2577.03	153.85		-2.04	232.21	
		67	6	553.0	31	2.4		+1	803.5	80.54	2575.82	153.78		-2.02	232.30	
			9	553.7	29	2.3		+1	804.1	80.60	2574.94	153.72		-2.00	232.33	
		65-N	12	554.8	26	2.0		+1	804.9	80.68	2574.25	153.68		-1.98	232.39	

39 - 758.8

50 - 801.0

51 - 788.4

10-A = 809.5

33 = 732.0

34 = 762.6

152 & 2. 722.3

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PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE *AUG. 13/78* 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	
<i>L. 184-E</i>		<i>64-N</i>	<i>16</i>	<i>555.0</i>	<i>35</i>	<i>2.7</i>	<i>+248.0</i>	<i>+ .2</i>	<i>805.9</i>	<i>80.78</i>	<i>2573.84</i>	<i>153.66</i>		<i>-1.96</i>	<i>232.48</i>	
			<i>21</i>	<i>555.3</i>	<i>36</i>	<i>2.8</i>		<i>+ .2</i>	<i>806.3</i>	<i>80.82</i>	<i>2573.95</i>	<i>153.66</i>		<i>-1.95</i>	<i>232.54</i>	
<i>CHAINAGE</i>		<i>62</i>	<i>24</i>	<i>556.1</i>	<i>29</i>	<i>2.3</i>		<i>+ .3</i>	<i>806.7</i>	<i>80.86</i>	<i>2574.22</i>	<i>153.68</i>		<i>-1.93</i>	<i>232.61</i>	
<i>ERROR</i>			<i>27</i>	<i>556.5</i>	<i>32</i>	<i>2.5</i>		<i>+ .3</i>	<i>807.3</i>	<i>80.92</i>	<i>2573.31</i>	<i>153.63</i>		<i>-1.91</i>	<i>232.64</i>	
<i>No #59</i> <i>2# 58</i>		<i>60</i>	<i>31</i>	<i>556.8</i>	<i>34</i>	<i>2.7</i>		<i>+ .3</i>	<i>807.8</i>	<i>80.97</i>	<i>2573.18</i>	<i>153.62</i>		<i>-1.89</i>	<i>232.70</i>	
			<i>34</i>	<i>558.5</i>	<i>33</i>	<i>2.6</i>		<i>+ .4</i>	<i>809.5</i>	<i>81.14</i>	<i>2570.95</i>	<i>153.49</i>		<i>-1.87</i>	<i>232.76</i>	
		<i>58</i>	<i>38</i>	<i>559.3</i>	<i>33</i>	<i>2.6</i>		<i>+ .4</i>	<i>810.3</i>	<i>81.22</i>	<i>2570.52</i>	<i>153.46</i>		<i>-1.85</i>	<i>232.83</i>	
			<i>41</i>	<i>558.5</i>	<i>34</i>	<i>2.7</i>		<i>+ .5</i>	<i>809.7</i>	<i>81.16</i>	<i>2571.40</i>	<i>153.51</i>		<i>-1.83</i>	<i>232.85</i>	
		<i>56</i>	<i>44</i>	<i>558.8</i>	<i>31</i>	<i>2.4</i>		<i>+ .5</i>	<i>809.7</i>	<i>81.16</i>	<i>2571.28</i>	<i>153.51</i>		<i>-1.81</i>	<i>232.86</i>	
			<i>47</i>	<i>560.0</i>	<i>28</i>	<i>2.2</i>		<i>+ .5</i>	<i>810.7</i>	<i>81.26</i>	<i>2570.61</i>	<i>153.47</i>		<i>-1.79</i>	<i>232.94</i>	
		<i>54</i>	<i>52</i>	<i>559.8</i>	<i>36</i>	<i>2.8</i>		<i>+ .6</i>	<i>811.2</i>	<i>81.31</i>	<i>2570.83</i>	<i>153.48</i>		<i>-1.77</i>	<i>233.02</i>	
			<i>55</i>	<i>559.8</i>	<i>33</i>	<i>2.6</i>		<i>+ .6</i>	<i>811.0</i>	<i>81.29</i>	<i>2571.53</i>	<i>153.52</i>		<i>-1.75</i>	<i>233.06</i>	
		<i>52</i>	<i>58</i>	<i>559.8</i>	<i>33</i>	<i>2.6</i>		<i>+ .6</i>	<i>811.0</i>	<i>81.29</i>	<i>2571.21</i>	<i>153.50</i>		<i>-1.73</i>	<i>233.07</i>	
			<i>60</i>	<i>560.1</i>	<i>33</i>	<i>2.6</i>		<i>+ .7</i>	<i>811.4</i>	<i>81.33</i>	<i>2571.11</i>	<i>153.50</i>		<i>-1.71</i>	<i>233.12</i>	
		<i>50</i>	<i>64</i>	<i>560.9</i>	<i>34</i>	<i>2.7</i>		<i>+ .7</i>	<i>812.3</i>	<i>81.42</i>	<i>2569.90</i>	<i>153.42</i>		<i>-1.69</i>	<i>233.16</i>	
			<i>67</i>	<i>560.7</i>	<i>37</i>	<i>2.9</i>		<i>+ .7</i>	<i>812.3</i>	<i>81.42</i>	<i>2571.14</i>	<i>153.50</i>		<i>-1.67</i>	<i>233.25</i>	
		<i>48</i>	<i>69</i>	<i>560.1</i>	<i>35</i>	<i>2.7</i>		<i>+ .8</i>	<i>811.6</i>	<i>81.35</i>	<i>2573.33</i>	<i>153.63</i>		<i>-1.65</i>	<i>233.33</i>	
			<i>72</i>	<i>561.3</i>	<i>38</i>	<i>3.0</i>		<i>+ .8</i>	<i>813.1</i>	<i>81.51</i>	<i>2571.91</i>	<i>153.54</i>		<i>-1.63</i>	<i>233.42</i>	
<i>on creek</i>		<i>46</i>	<i>76</i>	<i>561.4</i>	<i>32</i>	<i>2.5</i>		<i>+ .8</i>	<i>812.7</i>	<i>81.47</i>	<i>2572.66</i>	<i>153.59</i>		<i>-1.61</i>	<i>233.44</i>	
<i>shaky</i>			<i>80</i>	<i>562.5</i>	<i>35</i>	<i>2.7</i>		<i>+ .9</i>	<i>814.1</i>	<i>81.61</i>	<i>2571.91</i>	<i>153.54</i>		<i>-1.59</i>	<i>233.56</i>	
		<i>44</i>	<i>84</i>	<i>562.8</i>	<i>36</i>	<i>2.8</i>		<i>+ .9</i>	<i>814.5</i>	<i>81.65</i>	<i>2572.71</i>	<i>153.59</i>		<i>-1.57</i>	<i>233.67</i>	
			<i>88</i>	<i>562.7</i>	<i>37</i>	<i>2.9</i>		<i>+ 1.0</i>	<i>814.6</i>	<i>81.66</i>	<i>2572.58</i>	<i>153.58</i>		<i>-1.55</i>	<i>233.69</i>	
		<i>42</i>	<i>91</i>	<i>560.0</i>	<i>32</i>	<i>2.5</i>		<i>+ 1.0</i>	<i>811.5</i>	<i>81.34</i>	<i>2579.63</i>	<i>154.00</i>		<i>-1.53</i>	<i>233.82</i>	
			<i>94</i>	<i>556.4</i>	<i>31</i>	<i>2.4</i>		<i>+ 1.0</i>	<i>807.8</i>	<i>80.97</i>	<i>2586.32</i>	<i>154.40</i>		<i>-1.51</i>	<i>233.87</i>	
		<i>40-N</i>	<i>98</i>	<i>548.8</i>	<i>34</i>	<i>2.7</i>		<i>+ 1.1</i>	<i>800.6</i>	<i>80.25</i>	<i>2600.03</i>	<i>155.22</i>		<i>-1.49</i>	<i>233.98</i>	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE *AUG 13/76* 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.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
LINE 184-E		39-N	101	541.8	36	2.8	+246.0	+1.1	793.7	79.56	2612.71	155.98		-1.47	234.07	
			105	536.8	31	2.4		+1.2	788.1	79.00	2624.13	156.66		-1.45	234.21	
		37-N	109	534.4	34	2.7		+1.2	786.3	78.82	2628.65	156.93		-1.43	234.32	
			112	534.2	36	2.8		+1.2	786.2	78.81	2629.62	156.99		-1.41	234.39	
	<i>BS#51</i>	35-N	117	536.2	37	2.9	+248.0	+1.3	788.4	79.03	2626.58	156.81		-1.39	234.45	
LINE 176-E	<i>BS#50</i>		0	549.8	35	2.7	+248.5	0	801.0							
		69-N	11	547.3	32	2.5		+1.1	798.4	80.03	2577.53	153.88		-2.20	231.71	
<i>Trees flaring</i>		68-N	15	547.3	30	2.3		+1.1	798.2	80.01	2577.93	153.90		-2.18	231.73	
		INT.	19	547.8	34	2.7		+1.2	799.2	80.11	2576.78	153.83		-2.17	231.78	
		67-N	22	547.8	34	2.7		+1.2	799.2	80.11	2577.15	153.86		-2.16	231.81	
			26	550.5	35	2.7		+1.2	801.9	80.38	2572.43	153.51		-2.14	231.82	
		65	31	548.6	37	2.9		+1.3	800.3	80.22	2576.00	153.79		-2.12	231.89	
<i>min</i>			46	549.6	31	2.4		+1.4	800.9	80.28	2574.36	153.69		-2.10	231.87	
		63	49	550.8	33	2.6		+1.5	802.4	80.43	2572.00	153.55		-2.08	231.90	
		<i>BEEND of CREEK</i>														
		<i>60+180</i>	59	552.1	26	2.0		+1.6	803.2	80.51	2570.79	153.48		-2.04	231.95	
		60-N	63	550.8	28	2.2		+1.6	802.1	80.40	2573.34	153.63		-2.02	232.01	
		59	66	549.8	34	2.7		+1.6	801.6	80.35	2574.83	153.72		-2.00	232.07	
			69	549.9	34	2.7		+1.6	801.7	80.36	2574.90	153.72		-1.98	232.10	
<i>Creek 55+50</i>		57	72	550.1	36	2.8		+1.7	802.1	80.40	2574.81	153.72		-1.96	232.16	
		56-N	76	552.6	36	2.8		+1.7	804.6	80.65	2568.84	153.36		-1.94	232.07	
NOT CUT		55-N	89	553.1	34	2.7		+1.8	805.1	80.70	2567.96	153.31		-1.92	232.09	
			95	552.4	34	2.7		+1.9	804.5	80.64	2569.37	153.39		-1.90	232.13	
<i>over 52+40</i>		53-N	101	552.6	35	2.7		+1.9	804.7	80.66	2568.71	153.35		-1.88	232.14	

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No.

DATE *AUG. 13* OPERATOR *G.H.*

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. 176-E		52-N	111	555.5	30	2.3	+248.5	+1.0	807.3	80.92	2566.23	153.20		-1.86	232.27	
			114	557.4	34	2.7		+1.1	806.7	80.86	2568.01	153.31		-1.84	232.33	
		50	117	556.9	33	2.6		+1.1	809.1	81.10	2564.93	153.13		-1.82	232.41	
Creek 49+30			125	556.2	30	2.3		+1.2	808.2	81.01	2567.29	153.21		-1.80	232.48	
		48	129	557.6	32	2.5		+1.2	809.8	81.17	2566.17	153.20		-1.78	232.59	
(+0.00931677)			134	558.3	34	2.7		+1.3	810.8	81.21	2565.01	153.13		-1.76	232.65	
		46-N	138	558.9	36	2.8		+1.3	811.5	81.34	2564.96	153.13		-1.74	232.73	
	BS #51		161	535.7	35	2.7	+248.5	+1.5	788.4							
L. 176-E	BS #51		0	535.6	35	2.7	+250.1	0	788.4							
		46-N	16	558.6	36	2.8		+1.1	811.6	81.35	2564.96	153.13		-1.74	232.74	
			20	560.7	37	2.9		+1.2	813.3	81.53	2562.84	153.00		-1.72	232.81	
No PICKET		44	27	560.7	27	2.1		+1.2	813.1	81.51	2563.45	153.04		-1.70	232.84	
			31	559.3	32	2.5		+1.2	812.1	81.40	2565.22	153.14		-1.68	232.87	
Creek 41+80N		42	36	561.1	36	2.8		+1.3	814.3	81.63	2562.12	152.96		-1.66	232.92	
			49	560.3	35	2.7		+1.4	813.5	81.55	2564.38	153.09		-1.64	233.00	
		40	54	561.8	35	2.7		+1.4	815.0	81.70	2562.90	153.01		-1.62	233.08	
			57	563.5	32	2.5		+1.4	816.5	81.85	2562.38	152.97		-1.60	233.22	
		38	60	564.7	33	2.6		+1.5	817.9	81.99	2561.64	152.93		-1.58	233.34	
			63	562.6	36	2.8		+1.5	816.0	81.80	2564.71	153.11		-1.56	233.35	
		36	66	562.9	31	2.4		+1.5	815.9	81.79	2565.97	153.19		-1.54	233.43	
			69	559.6	29	2.3		+1.5	812.5	81.45	2573.88	153.66		-1.52	233.59	
		34	73	549.5	32	2.5		+1.6	802.1	80.46	2591.43	154.71		-1.50	233.67	
			76	547.4	35	2.7		+1.6	800.8	80.21	2596.48	155.01		-1.48	233.80	
		32-N	79	549.1	34	2.7	+250.1	+1.6	802.5	80.44	2594.71	154.90		-1.46	233.89	

CHECKED

[illegible]

PETER E. WALCOTT & ASSOC. LTD.																	
GRAVITY DATA																	
PAGE No.		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.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity		
LINE 168-E	BS#4		0	573.5	37	2.9	+246.2	0	762.6								
		38-N	13	555.5	38	3.0		+1	804.8					-1.69			
			16	558.4	35	2.7		+1	807.4	80.93	2571.94	153.54		-1.67	232.81		
			20	561.3	35	2.7		+2	810.4	81.23	2568.10	153.32		-1.65	232.90		
			23	563.3	31	2.4		+2	812.1	81.40	2566.42	153.22		-1.63	232.99		
			27	564.8	33	2.6		+2	813.8	81.58	2564.84	153.12		-1.61	233.09		
			31	566.5	35	2.7		+2	815.6	81.76	2563.45	153.04		-1.59	233.20		
		32-N	34	567.8	31	2.4		+3	816.7	81.81	2562.66	152.99		-1.57	233.29		
			37	565.9	36	2.8		+3	815.2	81.72	2566.17	153.20		-1.55	233.37		
			41	566.6	34	2.7		+3	815.8	81.78	2565.09	153.14		-1.53	233.38		
staring gravel band. →		29-N	48	572.5	34	2.7		+4	821.8	82.38	2557.03	152.65		-1.51	233.52		
creek 29-28		27-N	77	573.5	32	2.5		+6	822.8	82.48	2556.50	152.62		-1.48	233.62		
		27-N	73	574.2	31	2.4		+6	823.4	82.54	2556.68	152.63		-1.47	233.70		
		26-N	63	570.9	32	2.5		+5	820.1	82.21	2562.67	152.99		-1.45	233.75		
			87	572.1	34	2.7		+7	821.7	82.37	2561.26	152.91		-1.43	233.84		
		24	90	572.7	36	2.8		+7	822.4	82.44	2561.82	152.94		-1.41	233.97		
			94	576.1	31	2.4		+7	825.4	82.74	2558.41	152.74		-1.39	234.09		
		22	99	571.6	35	2.7		+8	821.3	82.33	2566.04	153.19		-1.37	234.15		
			103	577.5	34	2.7		+8	827.2	82.92	2557.86	152.70		-1.35	234.27		
		20	107	575.7	30	2.3		+8	825.0	82.70	2563.10	153.02		-1.33	234.39		
			112	578.6	35	2.7		+9	828.4	83.04	2559.04	152.77		-1.31	234.50		
		18-N	114	579.7	34	2.7		+9	829.5	83.15	2557.71	152.70		-1.29	234.55		
creek 17-18		17-N	130	580.7	33	2.6		+1.0	830.5	83.25	2557.28	152.67		-1.27	234.65		
BS#7 r 8-L	BS#5		155	576.1	35	2.7	+246.2	+1.2	826.2								
at 166435-E																	

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No. DATE *AUG. 14/72* 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	
LINE 168-E	BS#1		0	575.0	33	2.7	+248.5	0	826.2							
		0+00	5	577.5	33	2.6		0	828.6	83.06	2556.28	152.61		-0.94	234.73	
NAIL IS ON B.L. AT 167+25				CREEK							N.R.			-0.92		
		2-5	11	574.3	33	2.6		+1.1	825.5	82.75	2556.23	152.91		-0.90	234.75	
			15	573.9	34	2.7		+1.1	825.2	82.72	2556.07	152.90		-0.88	234.73	
		4	19	576.3	35	2.7		+1.2	827.1	82.97	2556.79	152.64		-0.86	234.75	
			22	578.9	32	2.5		+1.2	830.1	83.21	2557.96	152.35		-0.84	234.72	
		6		MIDDLE OF CREEK							N.R.			-0.82		
			28	575.5	32	2.5		+1.2	826.7	82.87	2556.77	152.64		-0.80	234.71	
		8	31	575.8	29	2.3		+1.2	826.8	82.88	2557.86	152.70		-0.78	234.80	
			34	576.4	33	2.6		+3	827.8	82.98	2557.67	152.69		-0.76	234.91	
creek 14+0		10	37	578.0	31	2.4		+3	829.2	83.12	2556.86	152.64		-0.74	235.02	
			41	580.9	30	2.3		+3	832.0	83.40	2553.99	152.47		-0.72	235.15	
		12		590 N.R.							N.R.			-0.70		
			57	590.8	32	2.5		+1.5	842.3	84.43	2541.09	151.70		-0.68	235.46	
		14	61	591.3	35	2.7		+1.5	843.0	84.50	2540.73	151.68		-0.66	235.52	
creek 15+50			64	592.0	32	2.5		+1.5	843.5	84.55	2538.76	151.56		-0.65	235.47	
		16	72	593.6	27	2.1		+1.6	844.8	84.68	2537.32	151.48		-0.63	235.53	
			76	591.4	33	2.6		+1.6	843.1	84.51	2540.97	151.70		-0.61	235.60	
10000000		18	81	596.1	31	2.4		+1.6	847.6	84.96	2535.12	151.35		-0.59	235.72	
creek 19+00																
LINE 160-E		22-5	96	557.9	36	2.8		+1.8	810.0	81.19	2593.89	154.86		-0.61	235.44	
clay hillside			100	563.0	21	1.6		+1.8	813.9	81.59	2583.75	154.25		-0.59	235.25	
		24	107	595.4	35	2.7		+1.9	847.5	84.95	2527.62	150.90		-0.57	235.28	
	BS#35	125	125	577.2	34	2.7	+248.5	+1.0	829.4							

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.

DATE AUG. 14 OPERATOR SM.

INSTRUMENT

INSTR. CONSTANT .00024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 152-E	BS#35	2A-S	0	576.9	34	2.7	+249.8	0	829.4	83.14	2535.06	151.34		-0.70	233.18	
			2	571.4	36	2.8		0	824.0	82.60	2544.11	151.88		-0.72	233.16	
		22	5	566.6	36	2.8		+1	819.3	82.13	2551.80	152.34		-0.74	233.13	
			9	562.6	36	2.8		+1.2	815.4	81.74	2557.84	152.70		-0.76	233.68	
		20	11	557.8	37	2.9		+1.2	810.7	81.26	2565.24	153.14		-0.78	233.63	
			14	554.9	39	3.1		+1.3	808.1	81.00	2569.88	153.42		-0.80	233.63	
		18	17	549.2	34	2.7		+1.3	802.0	80.39	2579.05	153.97		-0.82	233.54	
			20	543.6	34	2.7		+1.4	796.5	79.84	2588.44	154.53		-0.84	233.53	
		16	23	535.4	34	2.7		+1.5	788.4	79.03	2601.70	155.32		-0.86	233.49	
			26	517.9	32	2.5		+1.5	770.7	77.25	2631.20	159.08		-0.88	233.46	
		14-S	30	496.1	31	2.4		+1.6	748.9	75.07	2670.30	159.42		-0.90	233.59	
			34	484.3	34	2.7		+1.7	737.5	73.93	2691.60	160.69		-0.92	233.70	
		12	37	482.2	36	2.8		+1.8	735.6	73.74	2696.67	160.99		-0.94	233.79	
			41	482.6	33	2.6		+1.8	740.8	74.26	2689.22	160.55		-0.97	233.83	
		10	43	488.4	33	2.6		+1.9	741.7	74.35	2687.98	160.47		-0.99	233.87	
			46	488.7	37	2.9		+1.9	742.3	74.41	2686.57	160.38		-1.01	233.78	
		8	49	489.1	32	2.5		+1.0	742.4	74.42	2686.37	160.38		-1.03	233.76	
			54	485.2	34	2.7		+1.1	738.8	74.06	2692.99	160.77		-1.05	233.78	
		6	58	478.6	29	2.3		+1.2	731.9	73.37	2704.00	161.43		-1.07	233.72	
			62	468.7	32	2.5		+1.3	722.3	72.40	2720.65	162.42		-1.09	233.74	
		4	65	462.8	33	2.6		+1.3	716.5	71.82	2730.83	163.03		-1.11	233.74	
			68	461.9	33	2.6		+1.4	715.7	71.74	2733.63	163.20		-1.13	233.81	
		2-S	71	462.5	34	2.7		+1.5	716.5	71.82	2733.00	163.16		-1.15	233.87	
			74	463.3	37	2.9		+1.5	717.5	71.92	2731.94	163.10		-1.17	233.85	
		BS#11-A	78	469.1	35	2.7	+249.8	+1.6	723.2	72.49	2742.30	163.72		-1.19	235.02	

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JOB No.

DATE *AUG 14/76* OPERATOR *SLM*

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

[illegible]

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.  DATE AUG 15/76 OPERATOR S.M.

INSTRUMENT

INSTR. CONSTANT 10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
BASE LINE	B.S. #57		0	574.2	34	2.7	+249.3	0	826.2							
		167+20-E	3	576.8	35	2.7		-1	828.7	83.07	2556.28	152.61		-0.95	234.73	
		168-E	21	580.1	36	2.8		-4	831.8	83.30	2553.16	152.42		-0.94	234.86	
		170	26	576.1	31	2.4		-5	827.3	82.93	2561.49	152.92		-0.91	234.94	
		172	31	566.9	33	2.6		-6	818.2	82.02	2580.51	154.06		-0.88	235.19	
		17A	36	567.1	32	2.5		-7	818.2	82.02	2581.08	154.09		-0.85	235.26	
		17M	40	566.4	33	2.6		-8	817.5	81.95	2581.79	154.13		-0.82	235.26	
		178	47	554.3	31	2.4		-9	805.1	80.70	2597.94	155.10		-0.79	235.01	
		180	52	567.4	30	2.3		-1.0	818.0	82.00				-0.76		
		182	56	563.6	29	2.3		-1.1	814.1					-0.73		
		184-E	61	538.9	32	2.5	+249.3	-1.2	809.5					-0.70		
LINE 176-E	B.S. #104		0	558.9	32	2.5	+249.3	0	809.5							
		0+00	9	566.9	33	2.6		0	817.6	81.96	2581.79	154.13		-0.82	235.27	
		14		561.1	33	2.6		0	811.8	81.37	2591.23	154.70		-0.80	235.27	
		2-5	18	560.8	34	2.7		-1	811.5	81.34	2591.99	154.74		-0.78	235.31	
		22		566.1	33	2.6		-1	816.7	81.87	2583.84	154.26		-0.76	235.36	
		4	26	561.8	34	2.7		-1	812.5	81.45	2590.41	154.65		-0.74	235.35	
		31		567.8	34	2.7		-1	818.5	82.05	2582.37	154.17		-0.72	235.49	
		6	35	567.3	34	2.7		-1	818.0	82.00	2582.21	154.22		-0.70	235.51	
		39		566.9	34	2.7		-1	817.6	81.96	2585.13	154.33		-0.68	235.61	
		8	43	566.8	29	2.3		-1	817.1	81.91	2586.74	154.43		-0.66	235.67	
		47		567.3	33	2.6		-1	817.9	81.99	2587.30	154.46		-0.64	235.81	
		10	51	568.9	35	2.7		-2	819.5	82.15	2585.36	154.35		-0.62	235.81	
		11-5	54	566.8	35	2.7		-2	817.4	81.94	2590.65	154.66		-0.60	236.00	

CHECKED

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PAGE No. PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA																	
JOB No.		DATE <i>AUG. 15/76</i>		OPERATOR <i>AM</i>		INSTRUMENT		INSTR. CONSTANT		LATITUDE		CHECKED					
Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity		
<i>L. 160-E</i>	<i>BS#55</i>		0	561.3	31	2.4	+247.9	0	811.6								
<i>stop to creek</i>		32-S	10	573.5	38	3.0		0	824.4	82.64	2578.82	153.96		-0.41	236.18		
<i>stop</i>			17	594.0	32	2.5		0	844.4	84.64	2540.92	151.69		-0.43	235.91		
		30	21	608.7	33	2.6		0	859.2	86.13	2515.31	150.16		-0.45	235.84		
<i>creek 29+50</i>			29	608.8	28	2.2		0	858.9	86.10	2516.97	150.26		-0.47	235.89		
		28	33	607.1	35	2.7		0	851.7	85.98	2518.62	150.36		-0.49	235.85		
<i>creek 27+30</i>			42	605.5	33	2.6		0	856.0	85.81	2520.20	150.46		-0.51	235.75		
		26	46	603.9	33	2.6		+1	854.4	85.65	2521.50	150.53		-0.53	235.65		
<i>creek 25+00</i>			<i>NO READING</i>					+1			<i>N.R.</i>			-0.55			
		24-S	57	597.8	24	1.9		+1	847.7	84.97	2527.62	150.90		-0.57	235.30		
<i>stop bank</i>	<i>BS#57</i>		86	575.5	34	2.7	+247.9	+0.1	826.2								
	<i>BS#57</i>		0	575.3	34	2.7	+248.2	0	826.2								
<i>LINE 168-E</i>		INT	3	577.7	36	2.8		0	828.7	83.07	2556.28	152.61		-0.94	234.74		
		1-N	8	579.7	35	2.7		0	830.6	83.26	2554.86	152.53		-0.96	234.82		
			11	579.3	36	2.8		0	830.3	83.23	2556.05	152.60		-0.98	234.85		
		3	14	578.4	35	2.7		-1	829.2	83.12	2557.43	152.68		-1.00	234.80		
			17	578.8	34	2.7		-1	829.6	83.16	2556.88	152.65		-1.02	234.78		
		5	21	578.4	37	2.9		-1	829.4	83.14	2558.18	152.72		-1.04	234.82		
<i>creek 6+50</i>			28	581.0	35	2.7		-1	831.8	83.38	2555.54	152.51		-1.06	234.89		
		7	36	582.3	32	2.5		-1	832.9	83.49	2555.19	152.54		-1.08	234.95		
			40	577.6	38	3.0		-2	828.6	83.06	2561.93	152.95		-1.10	234.91		
		9	43	578.6	33	2.6		-2	829.2	83.12	2561.63	152.93		-1.12	234.93		
			46	579.4	34	2.7		-2	830.1	83.21	2559.85	152.82		-1.14	234.89		
		11-N	49	579.5	34	2.7		-2	830.2	83.22	2559.48	152.80		-1.16	234.86		

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No.	DATE	OPERATOR	INSTRUMENT	INSTR. CONSTANT	LATITUDE	CHECKED
	Aug 15/76	EM				

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE 15/8

OPERATOR

CAMON

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P = Elev. Corr.	Lati- tude	Latitude Corr.	P = Bouguer Gravity
B.S. 31			0	351.2	39	3.1	+2486	0	602.9						
L 128															
		0+00 BL	8	338.9	42	3.3		-0.2	590.6					-1.56	
		1+00 S	13	341.0	42	3.3		-0.3	592.6					-1.54	
		2+00 S	17	341.7	36	2.8		-0.4	592.7					-1.52	
		3+00 S	21	346.5	38	3.0		-0.5	597.6					-1.50	
		4+00 S	25	349.6	38	3.0		-0.6	600.6					-1.48	
		5+00 S	29	352.7	39	3.1		-0.7	603.7					-1.46	
		6+00	33	358.2	36	2.8		-0.7	608.9					-1.44	
		7+00	37	361.4	39	3.1		-0.8	612.3					-1.42	
		8+00	42	364.0	41	3.2		-1.0	614.8					-1.40	
		9+00	46	370.8	35	2.7		-1.0	621.1					-1.38	
		10+00	51	374.9	38	3.0		-1.2	625.3					-1.36	
		11+00	56	380.3	29	2.3		-1.3	629.9					-1.34	
		12+00	61	384.3	37	2.9		-1.4	634.4					-1.32	
		13+00	65	390.9	33	2.6		-1.5	640.6					-1.30	
		14+00	69	394.4	36	2.8		-1.6	644.2					-1.28	
		15+00 S	74	398.4	39	3.1		-1.7	648.4					-1.26	
		16+00 S	90	403.7	38	3.0		-2.0	653.3					-1.24	

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	P = Elev. Corr.	Lati- tude	Latitude Corr.	P = Bouguer Gravity
L136 E		16+00 S	108	431.2	32	2.5		-2.4	679.9	68.15		.81 679.5			
		15+00 S	112	422.8	37	2.9		-2.5	671.8	67.34		.03 67.15			
		14+00	116	423.3	36	2.8		-2.6	672.1	67.37		67.25			
		13+00	120	419.6	38	3.0		-2.7	668.5	67.01		-.36 668.6			
		12+00	127	420.5	37	2.9	+148.6	-2.9	669.1	67.07		-.06 67.00			
	V	11+00	169	418.2	37	2.9	1245.~	0	666.3	66.79			.28 low.		
	11	10+00	174	419.9	31	2.4		0	667.5	66.91					
	10	9+00	177	419.5	38	3.0		0	667.7	66.93					
	9	8+00	180	419.9	32	2.5		0	667.6	66.9~					
	8	7+00	183	418.7	37	2.9		0	666.8	66.84					
	7	6+00	188	421.7	39	3.1		0	670.0	67.16					
	6	5	191	421.2	39	3.1		0	669.5	67.11					
	5	4	194	418.7	36	2.8		0	666.7	66.83					
CHAIN	A	3	198	415.8	38	3.0		0	664.0	66.56					
ERROR	B	2	203	413.8	39	3.1		0	662.1	66.37					
	V	1+00 S	208	404.4	38	3.0		0	652.6	65.4~					
(.02267)		00	212	398.0	36	2.8		0	646.0	64.76					
	*	BL	217	387.8	37	2.9		0	635.9	63.74			.18 low.		
BS 31			150	354.6	40	3.1	+148.6	-3.4	602.9						

JOB No.	DATE	OPERATOR	INSTRUMENT	INSTR. CONSTANT	LATITUDE	CHECKED
100						

GALE D. RICH GRAVITY 1976

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PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

PAGE No.

JOB No.

DATE

July 19/76 OPERATOR JH

INSTRUMENT

INSTR. CONSTANT

.10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity ↓	Elev.	$\rho =$ Elev. Corr. ↓	Latitude	Latitude Corr. ↓	$\rho =$ Bouguer Gravity	
L. 56-E →		113-S	138	640.1	30	2.3		0.0	124.1	12.44	3843.50	229.46		-1.79	240.11	
	#24		142	607.0	32	2.5	-518.3	0.0	91.2							
T. L. 40-S	Bs #10		0	792.0	34	2.7	-864.9	0	-70.2							
INT. 40+15-S		INT	11	774.4	28	2.2		0	-88.3	-8.85	4185.88	249.90		-4.44	236.61	
+ 32+60																
9140		34-W	16	768.4	29	2.3		+ .1	-94.1	-9.43	4194.25	250.40		-4.46	236.51	
		36-W	19	759.9	33	2.6		+ .1	-102.3	-10.55	4203.49	250.48		-4.50	236.20	* 236.56
		38-W	22	764.3	32	2.5		+ .2	-97.9	-9.81	4202.65	250.90		-4.53	236.56	
N-S CATLINE 40+00 E		40-W	26	764.3	32	2.5		+ .2	-97.9	-9.81	4204.15	250.99		-4.56	236.62	
INT. 39+52-S								1								
42+00-W		42-W	29	766.7	31	2.4		+ .2	-95.6	-9.58	4200.39	250.76		-4.61	236.57	
		44-W	32	769.9	28	2.2		+ .2	-92.6	-9.28	4192.38	250.29		-4.63	236.38	
		46-W	35	775.6	31	2.4		+ .2	-86.7	-8.69	4180.24	249.56		-4.66	236.21	
INT. 39+05		47+05	39	779.7	31	2.4		+ .3	-82.5	-8.27	4172.91	249.12		-4.68	236.16	
		48-W	41	783.5	28	2.2		+ .3	-78.9	-7.91	4166.69	248.75		-4.69	236.15	
		50-W	45	788.7	27	2.1		+ .3	-73.8	-7.40	4157.12	248.18		-4.73	236.05	
		52-W	48	785.4	28	2.2		+ .3	-77.0	-7.72	4158.16	248.24		-4.76	236.76	
SHARKY		54-W	53	810.8	32	2.5		+ .4	-51.2	-5.13	4111.99	245.49		-4.79	235.57	
VANBORCA CR FR								5								
INT. 39+52-S		56-W	60	810.0	26	2.0		+ .4	-52.5	-5.26	4113.14	245.55		-4.81	235.48	
		56-W	64	805.6	33	2.6		+ .4	-56.3	-5.64	4119.11	245.91		-4.82	235.45	
		58-W	68	785.1	30	2.3		+ .5	-77.0	-7.72	4153.94	247.99		-4.86	235.41	
		60-W	72	757.5	34	2.7		+ .5	-104.2	-10.45	4225.88	250.89		-4.89	236.95	* 236.55
		62-W	75	732.5	33	2.6	-864.9	+ .5	-129.3	-12.96	4244.51	253.40		-4.92	235.52	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

July 19/76

OPERATOR

J.M.

INSTRUMENT

INSTR. CONSTANT

10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr. 0.597	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
INT. 39+70		INT	78	728.3	30	2.3	-864.9	+ .6	-133.7	-13.40	4251.68	253.83		-4.95	235.48	
		64-W	82	715.2	30	2.3		+ .6	-146.8	-14.72	4274.21	255.17		-4.96	235.49	
		66-W	85	694.0	31	2.4		+ .6	-167.9	-16.83	4308.82	257.24		-4.99	235.42	
		68-W	88	678.2	31	2.4		+ .6	-183.7	-18.41	4336.70	258.90		-5.02	235.47	
		70-W	92	653.1	29	2.3		+ .7	-208.8	-20.94	4378.56	261.40		-5.05	235.41	
INT. 38+70 LINE 18 W		INT	96	647.6	33	2.6		+ .7	-214.0	-21.45	4387.94	261.96		-5.08	235.43	
L. 68-W		INT	96	647.6	33	2.6		+ .7	-214.0	-21.45	4387.94	261.96		-5.08	235.43	
		38-S	99	647.5	33	2.6		+ .7	-214.1	-21.46	4388.13	261.97		-5.10	235.41	
chain run 2#36		37-S	102	647.6	35	2.7		+ .7	-213.9	-21.44	4386.34	261.86		-5.12	235.30	
		36-S	105	647.7	32	2.5		+ .7	-214.0	-21.45	4384.81	261.77		-5.14	235.18	
		35-S	108	645.4	31	2.4		+ .8	-216.3	-21.68	4386.64	261.88		-5.16	235.04	
chain run 2#34		34-S	111	647.7	34	2.7		+ .8	-213.7	-21.42	4380.97	261.54		-5.18	234.94	
		33-S	114	651.2	32	2.5		+ .8	-210.4	-21.09	4373.45	261.09		-5.20	234.80	
		32-S	117	653.1	33	2.6		+ .8	-208.4	-20.89	4368.08	260.77		-5.22	234.66	
		31-S	119	654.0	30	2.3		+ .8	-207.8	-20.83	4364.53	260.56		-5.24	234.49	
		30-S	122	655.6	31	2.4		+ .9	-206.0	-20.65	4359.15	260.24		-5.26	234.33	
		29-S	125	659.4	34	2.7		+ .9	-201.9	-20.34	4350.43	259.72		-5.28	234.20	
		28-S	128	657.6	34	2.7		+ .9	-203.7	-20.42	4350.99	259.75		-5.30	234.03	
chain run No #27		27-S	131	653.0	35	2.7		+ .9	-208.3	-20.88	4356.37	260.07		-5.32	233.87	
		26-S	134	648.0	35	2.7		+ 1.0	-213.2	-21.37	4362.44	260.44		-5.34	233.69	
		25-S	137	641.2	35	2.7		+ 1.0	-220.0	-22.02	4369.89	260.88		-5.36	233.47	
		24-S	139	635.6	31	2.4		+ 1.0	-225.9	-22.64	4376.20	261.26		-5.38	233.24	
(0.0070967) #43			155	615.0	32	2.5	-864.9	+ 1.1	-246.3							

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE July 19/76 OPERATOR S.M.

INSTRUMENT

INSTR. CONSTANT .10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr. 0.592	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-68-W.	BS #43		0	615.0	32	2.5	-863.8	0	-246.3							
		24-S	15	635.7	32	2.5		0	-225.6	-22.56	4376.20	261.25		-5.38	233.31	
		23-S	19	632.2	31	2.4		x .1	-229.1	-22.96	4378.43	261.39		-5.40	233.03	
		22-S	22	630.4	28	2.2		x .2	-231.0	-23.16	4378.06	261.37		-5.42	232.79	
		21-S	24	627.8	30	2.3		x .2	-234.0	-23.46	4378.93	261.42		-5.44	232.52	
		20-S	27	625.4	34	2.7		+ .2	-235.5	-23.61	4378.79	261.41		-5.46	232.34	
		19-S	30	624.9	30	2.3		+ .2	-236.4	-23.70	4376.91	261.30		-5.48	232.12	
		18-S	34	623.9	32	2.5		+ .3	-237.1	-23.77	4375.78	261.23		-5.50	231.96	
		17-S	37	622.6	32	2.5		+ .3	-238.4	-23.90	4375.02	261.19		-5.52	231.77	
		16-S	39	620.3	32	2.5		+ .3	-240.7	-24.13	4375.59	261.22		-5.55	231.54	
		15-S	42	617.2	31	2.4		+ .3	-243.9	-24.45	4377.06	261.31		-5.57	231.29	
		14-S	45	615.5	32	2.5		+ .3	-245.5	-24.61	4376.88	261.30		-5.59	231.10	
		13-S	48	614.7	32	2.5		+ .4	-246.2	-24.68	4375.91	261.24		-5.61	230.95	
		12-S	51	615.6	32	2.5		+ .4	-245.3	-24.59	4372.26	261.02		-5.63	230.80	
		11-S	54	611.9	33	2.6		+ .4	-248.9	-24.95	4376.16	261.26		-5.65	230.66	
		10-S	57	604.4	32	2.5		+ .4	-256.5	-25.71	4387.25	261.92		-5.67	230.64	x
		9-S	60	594.8	36	2.8		+ .5	-265.7	-26.63	4401.54	262.77		-5.69	230.45	
		8-S	63	593.2	32	2.5		+ .5	-267.6	-26.82	4404.09	262.92		-5.71	230.39	
		7-S	66	585.0	29	2.3		+ .5	-276.0	-27.61	4417.91	263.75		-5.73	230.35	
		6-S	69	578.6	34	2.7		+ .5	-282.0	-28.27	4427.27	264.31		-5.75	230.29	
		5-S	71	573.7	31	2.4		+ .5	-287.2	-28.79	4434.01	264.71		-5.77	230.15	
		4-S	74	572.5	31	2.4		+ .6	-288.3	-28.90	4434.47	264.74		-5.79	230.05	
		3-S	77	571.5	33	2.6		+ .6	-289.1	-28.98	4434.45	264.74		-5.81	229.95	
		2-S	80	568.0	24	1.9		+ .6	-293.3	-29.40	4439.29	265.03		-5.83	229.80	
		1-S	83	564.8	31	2.4		+ .6	-296.0	-29.67	4443.27	265.26		-5.85	229.74	

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PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

July 1976

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. .0597	Lati- tude	Latitude Corr.	ρ = Bouguer Gravity	
BS	BS	INT	86	561.7	30	2.3	-863.8	x.7	-299.1	-29.98	4446.49	265.46		-5.87	229.61	
BASELINE 68-w	BS	68-w	86	561.7	30	2.3		x.7	-299.1	-29.98	4446.49	265.46		-5.87	229.61	
VALLEY CREEK																
SHARKY		66-w	97	580.3	30	2.3		x.7	-280.5	-28.12	4414.41	263.54		-5.84	229.58	
		64-w	101	553.4	30	2.3		x.8	-301.3	-30.80	4463.74	266.49		-5.81	229.88	
		62-w	107	532	28	2.2		x.8	-328.8	-32.96	4500.92	268.70		-5.77	229.97	
INT. 60-w		60-w	112	522.8	34	2.7		x.9	-337.4	-33.82	4519.26	269.80		-5.74	230.24	*
(0.0076922)		58-w	115	499.6	30	2.3		x.9	-361.0	-36.19	4556.96	272.05		-5.71	230.15	
		56-w	120	482.8	35	2.7		x.9	-377.4	-37.83	4587.01	273.84		-5.68	230.33	
		54-w	123	471	32	2.5		x.9	-389.4	-39.03	4608.98	275.16		-5.64	230.49	
INT. 127-w		INT	127	477.7	24	1.9		x.1.0	-383.2	-38.41	4606.27	274.99		-5.61	230.97	
BS 52		62-w	127	477.7	24	1.9		x.1.0	-383.2	-38.41	4606.27	274.99	(381.8)	-5.61	230.97	
B.S. 116-w	BS 44		130	470.3	31	3.4	-863.8	+1.0	-389.1	-39.00	4617.7					
		50-w	4	471.7	29	2.3	-862.8	+1.0	-389.1	-38.95	4617.7	+1.6		-5.58		
		48-w	10	452.6	29	2.3		+1.4	-407.5	-40.85	4605.6	+1.9		-5.55		
		46-w	14	434.7	34	2.7		+1.5	-424.9	-42.59	4525.9	-1.0		-5.52		
		44-w	19	418.1	31	2.4		+1.7	-442.6	-44.37	439.6	+3.0		-5.48		
		42-w	23	403.9	32	2.5		+1.9	-455.5	-43.65	434.1	+1.4		-5.45		
(.0377778)		40-w	27	418.1	29	2.3		+1.0	-442.4	-44.35	439.8	+2.6		-5.42		
		38-w	30	420	29	2.3		+1.1	-439.4	-44.05	438.3	+1.1		-5.39		
		36-w	33	422.5	32	2.5		+1.2	-436.6	-43.76	435.9	+1.7		-5.35		
BS 40	BS 40		45	529.7	30	2.3	-862.8	+1.7	-329.1	-32.99						

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CHECKED

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.
GRAVITY DATA

JOB No. DATE OPERATOR INSTRUMENT INSTR. CONSTANT 10024 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS #414		0	379.1	35	2.7	-770.9	0	-389.1	-39.00						
252W		1-N	6	381.2	34	2.7		0	-387.0	-38.79	4613.08	275.40		-5.64	230.97	
		2-N	14	371.3	34	2.7		+1	-396.8	-39.78	4626.78	276.22		-5.66	230.78	
		3-N	18	362.2	32	2.5		+1	-406.1	-40.71	4632.28	276.84		-5.68	230.45	
		4-N	26	349.1	32	2.5		+1	-419.2	-42.02	4656.16	277.97		-5.70	230.25	
		5-N	30	338.8	34	2.7		+1	-429.3	-43.03	4669.00	278.74		-5.72	229.99	
		6-N	35	324.7	35	2.7		+1	-443.4	-44.45	4687.32	279.83		-5.74	229.64	
		7-N	43	308.8	33	2.6		+2	-459.5	-46.06	4711.22	281.26		-5.77	229.43	
		8-N	50	292.6	35	2.7		+2	-475.4	-47.65	4734.51	282.65		-5.79	229.21	
		9-N	55	276.8	36	2.8		+2	-491.2	-49.24	4754.95	283.87		-5.81	228.82	
		10-N	60	273.5	30	2.3		+2	-494.5	-49.57	4759.84	284.16		-5.83	228.76	
		11-N	66	271.0	34	2.7		+2	-497.0	-49.82	4761.64	284.27		-5.85	228.60	
NONAIL *		12-N	75	265.0	34	2.7		+3	-502.9	-50.41	4774.30	285.03		-5.87	228.72	*
		13-N	80	249.5	31	2.4		+3	-518.7	-51.99	4786.39	285.75		-5.89	227.87	* checked.
SHAKY		14-N	86	255.3	26	2.0		+3	-513.3	-51.45	4781.76	285.47		-5.91	228.11	
		15-N	92	252.2	32	2.5		+3	-515.9	-51.71	4784.78	285.65		-5.93	228.01	
		16-N	98	254.4	37	2.4		+4	-513.7	-51.49	4781.64	285.43		-5.85	227.99	
		17-N	103	250.2	35	2.7		+4	-517.6	-51.88	4786.99	285.78		-5.97	227.93	
		18-N	108	247.5	29	2.3		+4	-520.7	-52.19	4791.15	286.03		-5.99	227.85	
		19-N	114	238.3	35	2.7		+4	-529.5	-53.06	4803.45	286.77		-6.02	227.69	
FL 20N 53+29W		20-N	122	239.8	34	2.7		+4	-528.0	-52.93	4802.10	286.69		-6.04	227.72	
		22-N	131	199.3	30	2.3		+5	-568.8	-57.02	4861.61	290.24		-6.01	227.21	
SHAKY		25-N	138	139.3	32	2.5		+5	-628.6	-63.01	4954.16	295.76		-5.97	226.78	
		48-N	146	78.9	28	2.2		+5	-688.8	-69.05	5048.38	301.41		-5.94	226.42	
		46-N	154	22.8	33	2.6		+6	-744.9	-74.67	5138.82	306.79		-5.91	226.21	

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PETER E. WALCOTT & ASSOC. LTD.																
GRAVITY DATA																
PAGE No.	JOB No.	DATE	OPERATOR	INSTRUMENT				INSTR. CONSTANT .10024				LATITUDE		CHECKED		
Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
		44W	161	11.4	35	2.7		+0.6	-756.2	-75.80	5166.51	308.44		-5.88	226.76	
(403571A3)	BS #415		168	10.1	30	2.3	-770.9	+0.6	-757.9	-75.97						
	BS #415		0	10.1	30	2.3	-770.3	0	-757.9	-75.97						
244W		20N	4	11.4	35	2.7		0	-756.2	-75.80	5162.30	308.19		-5.92	226.47	
		19N	12	22.5	30	2.3		-1	-745.6	-74.74	5145.37	307.18		-5.90	226.54	
		18N	20	13.2	33	2.6		-1	-754.6	-75.64	5153.76 5124.63	307.69 305.94		-5.88	226.45	*
		17N	35	18.2	37	2.9		-1	-749.3	-75.11	5144.67	307.14		-5.86	226.17	
		16N	42	24.7	32	2.5		-1	-743.2	-74.50	5136.93	306.67		-5.84	226.33	
		15W	50	38.4	36	2.8		-1.2	-729.3	-73.11	5116.46	305.45		-5.81	226.33	
		14N	56	68.0	36	2.8		-1.2	-699.7	-70.14	5077.61	303.14		-5.79	227.21	
		13N	61	74.5	34	2.7		-1.2	-693.3	-69.50	5068.96	302.62		-5.77	227.35	
		12N	66	91.5	36	2.8		-1.2	-676.2	-67.78	5045.21	301.20		-5.75	227.67	
		11N	74	101.6	39	3.1		-1.2	-665.8	-66.74	5028.00	300.17		-5.73	227.70	
		10N	81	125.4	33	2.6		-1.3	-642.6	-64.41	4992.06	298.03		-5.71	227.91	
		9N	88	160.5	27	2.1		-1.3	-608.0	-60.95	4941.36	295.00		-5.69	228.36	
		8N	94	195.6	34	2.7		-1.3	-572.3	-57.37	4889.24	291.89		-5.67	228.85	
		7N	101	229.2	32	2.5		-1.3	-538.9	-54.02	4838.48	288.86		-5.65	229.19	
		6N	110	249.8	31	2.4		-1.4	-518.5	-51.97	4811.54	287.25		-5.63	229.65	
(-0032051)		5N	116	259.2	32	2.5		-1.4	-509.0	-51.02	4801.33	286.64		-5.60	230.02	
		4N	120	280.7	35	2.7		-1.4	-487.3	-48.85	4769.09	284.71		-5.58	230.28	
		3N	128	305.3	33	2.6		-1.4	-462.8	-46.39	4732.99	282.56		-5.56	230.61	
		2N		319.5	37	2.9		-1.4	-448.3	-44.94	4716.01	281.25		-5.54	230.77	
		1N	140	310.5	33	2.6		-1.5	-457.7	-45.88	4730.85	282.43		-5.52	231.03	
		TC 44	152	325.3	33	2.6		-1.5	-442.9	-44.40	4711.12	281.25		-5.50	231.35	
	BS #414		156	379.1	33	2.6	-770.3	-0.5	389.1	-39.00						

PAGE No.

PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB	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.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
MBS RICH	B5 #MBS		0	501.0	35	2.7	-76.4	0	-262.7	-26.33						
L-H-W		20.5	8	513.3	36	2.8		-1	-250.4	-25.10	4431.40	264.55		-5.10	234.35	
		19.5	16	507.9	30	2.3		-2	-256.4	-25.70	4439.58	265.04		-5.12	234.22	
		18.5	22	489.9	34	2.7		-3	-274.1	-27.48	4452.78	265.83		-5.14	233.21	*
		17.5	27	486.2	34	2.7		-3	-277.8	-27.85	4471.11	266.93		-5.16	233.92	
499.9		16.5	33	475.5	33	2.6		-4	-288.7	-28.74	4487.67	267.91		-5.18	233.99	
		15.5	41	472.2	34	2.7		-5	-292.0	-29.27	4493.23	268.25		-5.20	233.78	
		14.5	46	463.8	37	2.9		-5	-300.2	-30.09	4505.73	268.99		-5.22	233.68	
		13.5	51	453.3	31	2.4		-6	-311.3	-31.21	4521.58	269.94		-5.24	233.49	
		12.5	58	440.8	32	2.5		-7	-323.8	-32.46	4540.19	271.05		-5.26	233.33	
		11.5	63	429.2	32	2.5		-8	-335.5	-33.58	4557.59	272.09		-5.28	233.23	
		10.5	68	416.8	35	2.7		-8	-348.7	-34.95	4578.17	273.32		-5.30	233.07	
		9.5	74	406.0	35	2.3		-9	-359.0	-35.99	4594.16	274.27		-5.32	232.96	
(-0.01905)		8.5	80	396.0	28	2.2		-10	-369.2	-37.01	4609.61	275.19		-5.34	232.84	
		7.5	85	388.3	35	2.7		-10	-376.4	-37.73	4619.73	275.80		-5.36	232.71	
		6.5	91	379.7	31	2.4		-11	-385.4	-38.63	4633.39	276.61		-5.38	232.60	
		5.5	96	369.1	28	2.2		-11	-396.2	-39.72	4648.03	277.49		-5.40	232.37	
		4.5	102	360.0	31	2.4		-12	-405.2	-40.62	4660.55	278.23		-5.42	232.19	
		3.5	105	348.5	33	2.6		-13	-416.6	-41.76	4676.65	279.20		-5.44	232.00	
		2.5	112	351.0	32	2.5		-13	-414.2	-41.52	4670.86	278.85		-5.46	231.81	
		1.5	117	342.5	32	2.5		-14	-422.8	-42.38	4681.19	279.47		-5.48	231.61	
	B.L. #44		119	322.4	31	2.4		-14	-443.0	-44.41	4711.12	281.25		-5.50	231.34	
	B5 #44		126	376.0	36	2.8	-76.4	-1.5	-389.1	-39.00						

PAGE No. 2 PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA																
JOB No. W-220 DATE JULY 11, 76 OPERATOR C. CHAN				INSTRUMENT		INSTR. CONSTANT .10024			LATITUDE			CHECKED				
Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	P.S. #46		0	126.5	35	2.7	-953.4	0	-824.2							
		TL36+45W	17	106.5	35	2.7		-0.1	-844.3	-84.67	5302.80	316.52		-5.76	226.19	
L-36W		20-N	22	126.0	20	1.6		-0.1	-825.9	-82.79	5278.07	315.10		-5.76	226.55	
		19-N	26	142.5	35	2.7		-0.1	-808.3	-81.02	5255.90	313.78		-5.74	227.01	
		18-N	30	150.9	37	2.9		-0.1	-799.7	-80.16	5243.52	313.04		-5.72	227.16	
		17-N	34	168.7	28	2.2		-0.1	-782.6	-78.45	5218.43	311.54		-5.71	227.38	
		16-N	38	182.8	35	2.7		-0.1	-768.0	-76.98	5193.61	310.06		-5.69	227.38	
		15-N	42	209.3	29	2.3		-0.1	-741.9	-74.37	5154.34	307.71		-5.67	227.68	
		14-N	46	234.2	34	2.7		-0.1	-716.6	-71.83	5117.65	305.52		-5.65	228.04	
		13-N	50	249.3	33	2.6		-0.2	-701.7	-70.39	5095.92	304.23		-5.63	228.26	
		12-N	54	258.5	34	2.7		-0.2	-692.4	-69.41	5083.63	303.49		-5.61	228.48	
		11-N	57	273.4	35	2.7		-0.2	-677.5	-67.91	5061.03	302.14		-5.59	228.64	
		10-N	60	288.9	34	2.7		-0.2	-662.0	-66.36	5036.96	300.71		-5.57	228.78	
		9-N	64	314.5	30	2.3		-0.2	-636.8	-63.83	5000.86	298.55		-5.55	229.17	
		8-N	67	333.5	35	2.7		-0.2	-617.4	-61.89	4970.78	296.76		-5.53	229.34	
		7-N	71	364.4	32	2.5		-0.2	-586.7	-58.81	4925.24	294.04		-5.51	229.72	
		6-N	74	390.5	31	2.4		-0.2	-560.7	-56.20	4886.41	291.72		-5.49	230.02	
		5-N	78	420.0	32	2.5		-0.2	-531.1	-53.24	4843.24	289.14		-5.47	230.43	
		4-N	82	438.6	35	2.7		-0.2	-512.3	-51.35	4817.32	287.59		-5.45	230.79	
		3-N	86	466.0	32	2.5		-0.3	-485.2	-48.64	4777.71	285.23		-5.43	231.16	
		2-N	90	482.8	31	2.4		-0.3	-468.5	-46.96	4753.38	283.78		-5.41	231.41	X
		1-N	94	501.2	32	2.5		-0.3	-450.0	-45.11	4726.58	282.18		-5.39	231.68	
L-36W	INTER	0+00	97	515.4	33	2.6		-0.3	-435.7	-43.67	4707.86	281.06		-5.37	232.01	
BL-0		L-34W	100	520.5	35	2.7		-0.3	-430.5	-43.15	4697.86	280.46		-5.34	231.97	
		L-32W	104	523.3	32	2.5		-0.3	-427.9	-42.89	4690.77	280.04		-5.31	231.84	

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE 23/07/72

OPERATOR Tim KERRY

INSTRUMENT

INSTR. CONSTANT

.10024

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	
Rich	MBS.		0	500.2	36	2.8	-765.7	0	-262.7							
	L36-W	20-S	5	508.8	35	2.7		+0.1	-254.1	-25.47	4438.52	264.98		-4.99	234.52	
		19-S	9	507.2	35	2.7		+0.1	-255.7	-25.63	4441.46	265.16		-5.01	234.51	
		18-S	13	499.1	35	2.7		+0.1	-263.8	-26.44	4454.54	265.94		-5.03	234.45	
		17-S	16	494.1	35	2.7		+0.2	-268.7	-26.93	4461.63	266.36		-5.05	234.37	
		16-S	19	487.5	35	2.7		+0.2	-275.3	-27.60	4470.29	266.88		-5.07	234.21	
		15-S	22	484.6	35	2.7		+0.2	-278.2	-27.89	4473.94	267.09		-5.09	234.12	
		14-S	27	472.0	35	2.7		+0.3	-290.7	-29.14	4493.78	268.28		-5.11	234.03	
		13-S	30	462.8	33	2.6		+0.3	-300.0	-30.07	4507.09	269.07		-5.12	233.88	
		12-S	33	453.8	35	2.7		+0.3	-308.9	-30.96	4519.62	269.82		-5.14	233.72	
		11-S	37	444.4	36	2.8		+0.4	-318.1	-31.89	4532.93	270.62		-5.16	233.57	
		10-S	40	434.3	34	2.7		+0.4	-328.3	-32.91	4547.40	271.48		-5.18	233.39	
		9-S	45	438.1	34	2.7		+0.5	-324.4	-32.52	4540.46	271.07		-5.20	233.35	
		8-S	49	421.4	34	2.7		+0.5	-341.1	-34.19	4565.98	272.59		-5.22	233.18	
		7-S	53	413.7	34	2.7		+0.5	-348.8	-34.96	4577.62	273.28		-5.24	233.08	
		6-S	57	403.8	37	2.9		+0.6	-358.4	-35.93	4590.53	274.06		-5.26	232.87	
		5-S	61	390.7	38	3.0		+0.6	-371.4	-37.23	4610.71	275.26		-5.28	232.75	
		4-S	65	377.3	36	2.8		+0.7	-384.9	-38.58	4620.76	276.43		-5.29	232.55	
		3-S	69	363.5	36	2.8		+0.7	-398.7	-39.97	4650.32	277.62		-5.31	232.35	
		2-S	73	344.5	38	3.0		+0.7	-417.5	-41.85	4678.26	279.29		-5.33	232.11	
		1-S	77	330.6	31	2.4		+0.8	-431.9	-43.29	4700.22	280.60		-5.35	231.96	
	L36-W	0+00	80	324.8	33	2.6		+0.8	-437.5	-43.86	4707.86	281.06		-5.37	231.83	
	L57-W	0+00	93	380.5	23	1.8		+0.9	-382.5							
	BS#44		99	373.0	33	2.6	-765.7	+1.0	-389.1							

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE 23/07/26 OPERATOR TIM KIRBY

INSTRUMENT

INSTR. CONSTANT

10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	B.S.#44	L. 52-W	0	373.0	33	2.6	-764.7	0	-389.1	-39.00						
L. 52-W		1-S	4	382.7	33	2.6		0	-379.4	-38.03	1604.50	274.89		-5.60	231.26	
		2-S	7	393.1	35	2.7		-0.	-368.9	-36.98	4590.97	274.08		-5.58	231.52	
		3-S	10	399.8	32	2.5		-0.1	-362.5	-36.34	4581.81	273.53		-5.56	231.64	
		4-S	13	402.5	36	2.8		-0.1	-359.5	-36.04	4578.83	273.36		-5.54	231.78	
		5-S	17	404.4	37	2.9		-0.1	-357.5	-35.84	4576.05	273.19		-5.52	231.83	
		6-S	20	411.9	35	2.7		-0.1	-350.2	-35.10	4564.77	272.52		-5.50	231.91	
		7-S	23	424.0	34	2.7		-0.1	-338.1	-33.89	4546.67	271.44		-5.48	232.07	
		8-S	27	431.4	38	3.0		-0.1	-330.4	-33.12	4535.26	270.66		-5.46	232.18	
		9-S	30	440.1	34	2.7		-0.2	-322.1	-32.29	4521.91	269.96		-5.44	232.23	
		10-S	34	452.8	35	2.7		-0.2	-309.4	-31.01	4503.24	268.84		-5.42	232.41	
		11-S	37	460.0	34	2.7		-0.2	-302.2	-30.29	4493.32	268.25		-5.40	232.56	
		12-S	40	458.8	36	2.8		-0.2	-303.3	-30.40	4495.64	268.39		-5.38	232.61	
		13-S	44	472.3	36	2.8		-0.2	-289.8	-29.05	4475.07	267.16		-5.36	232.75	
		14-S	47	483.2	35	2.7		-0.2	-279.0	-27.97	4459.29	266.22		-5.34	232.91	
		15-S	51	486.5	36	2.8		-0.3	-275.7	-27.64	4455.41	265.98		-5.32	233.03	
		16-S	55	496.3	37	2.9		-0.3	-265.8	-26.64	4443.97	265.31		-5.30	233.36	
		17-S	58	502.2	36	2.8		-0.3	-260.0	-26.06	4431.62	264.57		-5.29	233.32	
		18-S	62	507.4	34	2.7		-0.3	-254.9	-25.55	4425.67	264.21		-5.27	233.39	
		19-S	66	511.3	35	2.7		-0.3	-251.0	-25.16	4418.43	263.78		-5.25	233.37	
		20-S	70	521.6	35	2.7		-0.4	-240.8	-24.14	4401.62	262.78		-5.23	233.41	
	B.S.#43		77	516.1	34	2.7	-764.7	-0.4	-246.3							

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE 23/07/76

OPERATOR TIM KIRBY

INSTRUMENT

INSTR. CONSTANT .10024

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.#	43	0	516.1	34	2.7	-765.1	0	-246.3							
	L.60-W	20-S	5	525.7	34	2.7		+0.1	-236.6	-23.72	4378.80	261.41		-5.37	232.33	
		19-S	10	514.9	35	2.7		+0.2	-247.3	-24.79	4390.62	262.12		-5.39	231.94	
		18-S	14	505.6	31	2.4		+0.3	-256.8	-25.74	4401.06	262.74		-5.41	231.59	
		17-S	18	484.0	33	2.6		+0.3	-278.2	-27.89	4435.76	264.82		-5.44	231.49	
		16-S	23	483.5	32	2.5		+0.4	-278.7	-27.94	4435.84	264.82		-5.46	231.42	
		15-S	26	467.0	36	2.8		+0.5	-294.8	-29.55	4460.54	266.29		-5.48	231.26	
		14-S	29	465.5	38	3.0		+0.5	-296.1	-29.68	4463.53	266.47		-5.50	231.29	
		13-S	32	464.3	36	2.8		+0.6	-297.4	-29.81	4466.39	266.64		-5.52	231.31	
		12-S	34	464.2	36	2.8		+0.6	-297.5	-29.82	4468.53	266.59		-5.54	231.23	
		11-S	37	452.2	35	2.7		+0.7	-309.5	-31.02	4481.88	267.57		-5.56	230.98	
		10-S	41	459.6	33	2.6		+0.7	-302.2	-30.29	4471.43	266.94		-5.58	231.07	
		9-S	44	459.0	32	2.5		+0.8	-302.8	-30.35	4471.15	266.93		-5.60	230.97	
		8-S	47	452.9	36	2.8		+0.9	-308.5	-30.92	4477.13	267.28		-5.62	230.74	
	✓	7-S	52	437.9	39	3.1		+1.0	-323.1	-32.39	4495.60	268.39		-5.64	230.36	
		5-S	56	435.7	28	2.2		+1.1	-326.1	-32.69	4500.03	268.65		-5.66	230.30	
		4-S	61	431.2	35	2.7		+1.2	-330.0	-33.09	4505.22	268.96		-5.68	230.20	
		3-S	68	439.6	31	2.4		+1.3	-321.8	-32.26	4492.81	268.22		-5.70	230.26	
		2-S	71	436.8	36	2.8		+1.3	-324.2	-32.50	4496.93	268.47		-5.72	230.25	
		1-S	75	426.1	36	2.8		+1.4	-334.8	-33.56	4512.45	269.39		-5.74	230.09	
		BLO	79	422.4	35	2.7		+1.5	-338.5	-33.93	4519.05	269.79		-5.76	230.10	
	B.S.#	44	90	371.7	33	2.6	-765.1	+1.7	-389.1							

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PETER E. WALCOTT & Assoc. Ltd.
Gravity Data

Job #	Date	Operator	Instrument	Instr. Constant	Latitude	Checked									
Remarks	Base	Station	Time	Reading	HI	HI corr	Dri- ft	Corr. Reading	Dr/ft In Scale Div	Obs- erved Grav- ity	Elev.	Elev. Corr.	Lati- tude	Lati- tude Corr.	Bouguer Gravity
L. 28-W	BS #40		0	624.9	31	2.4	-98.4	-329.1							
WHITE AIR		0400	10	559.2	32	2.5	0	-394.7		-39.56	4632.19	276.54		-5.22	231.76
PIKE HATCH ON B.L. AT 29+00W			16	538.0	33	2.6	0	-415.8		-41.68	4664.09	278.45		-5.24	231.53
		2-N	20	518.7	33	2.6	0	-435.1		-43.61	4694.10	280.24		-5.26	231.36
			24	493.4	33	2.6	0	-460.4		-46.15	4732.01	282.50		-5.28	231.07
		4-N	29	473.0	31	2.4	0	-481.0		-48.22	4762.72	284.33		-5.30	230.82
small gully →			33	467.5	31	2.4	0	-486.5		-48.71	4770.28	284.79		-5.32	230.70
wall of c/c →		6-N	40	448.9	32	2.5	-1	-504.1		-50.53	4791.11	286.03		-5.34	230.16
-6+40-N			47	420.3	35	2.7	-1	-533.5		-53.48	4836.67	288.75		-5.36	229.91
		8-N	51	400.8	32	2.5	-1	-553.2		-55.45	4867.04	290.56		-5.38	229.73
			56	381.9	32	2.5	-1	-572.1		-57.35	4892.42	292.08		-5.40	229.33
		10-N	61	348.2	29	2.3	-1	-606.0		-60.75	4942.57	295.07		-5.42	228.91
			67	314.5	30	2.3	-1	-639.7		-64.12	4991.07	297.97		-5.44	228.40
		12-N	73	276.0	29	2.3	-1	-678.2		-67.98	5047.36	301.33		-5.46	227.88
-0016393			79	244.8	28	2.2	-1	-709.5		-71.12	5093.23	304.07		-5.48	227.47
		14-N	85	205.4	33	2.6	-1	-748.5		-75.03	5149.91	307.45		-5.50	226.92
			91	171.0	32	2.5	-1	-783.0		-78.49	5201.75	310.54		-5.52	226.54
		16-N	98	140.7	32	2.5	-1	-813.4		-81.54	5247.60	313.28		-5.54	226.21
marked 18-N →			103	116.1	33	2.6	-1	-837.9		-83.99	5284.15	315.46		-5.56	225.91
		18-N	108	105.3	33	2.6	-1	-848.7		-85.07	5303.38	316.61		-5.58	225.96
			113	106.6	28	2.2	-1	-847.8		-84.98	5305.76	316.75		-5.60	226.17
INT. 27475-W REF. 2110-N PUT IS 20+10		20-N	118	109.5	34	2.7	-1	-844.4		-84.64	5304.86	316.70		-5.62	226.44
	BS #46		122	129.7	34	2.7	-95.4 -0.2	-824.2		-82.62					

PAGE No. 1

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. N-220 DATE JULY 7, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT -10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr. .0597	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS #10		0	439.8	35	2.7	-512.7	0	-70.2							
TL-50S INTER		50-S	25	474.2	32	2.5		-1	-36.1	-3.62	4108.49	245.28		-4.25	237.41	
L-28W		50-S	27	473.8	35	2.7		-1	-36.3	-3.64	4109.10	245.31		-4.25	237.42	
		49-S	30	479.4	36	2.8		-1	-30.6	-3.07	4099.05	244.71		-4.27	237.37	
		48-S	35	470.1	31	2.4		-1	-40.3	-4.04	4113.42	245.51		-4.29	237.24	
		47-S	38	457.1	40	3.1		-2	-52.7	-5.28	4132.86	246.73		-4.31	237.14	
		46-S	42	451.4	39	3.1		-2	-58.4	-5.85	4142.65	247.32		-4.33	237.14	
		45-S	45	458.2	34	2.7		-2	-52.0	-5.21	4130.15	246.51		-4.35	237.01	
		44-S	48	446.8	38	3.0		-2	-63.1	-6.33	4149.37	247.72		-4.37	237.02	
		43-S	52	436.6	36	2.8		-2	-73.5	-7.37	4164.03	248.59		-4.39	236.83	
		42-S	55	427.2	38	3.0		-2	-82.7	-8.29	4178.11	249.43		-4.41	236.73	
TL 40-155		41-S	58	427.3	33	2.6		-2	-83.0	-8.32	4177.94	249.42		-4.42	236.68	
INTER		40-S	61	422.5	31	2.4		-3	-88.1	-8.83	4185.88	249.90		-4.44	236.63	
		40-S	65	417.8	29	2.3		-3	-92.9	-9.31	4216.47	251.72		-4.44	237.97	*
		39-S	68	401.8	38	3.0		-3	-108.2	-10.85	4215.77	251.68		-4.46	236.31	
		38-S	71	400.6	37	2.9		-3	-109.6	-10.98	4217.74	251.80		-4.48	236.24	
		37-S	74	399.0	34	2.7		-3	-111.3	-11.16	4219.30	251.89		-4.50	236.23	
		36-S	78	385.1	38	3.0		-3	-124.9	-12.52	4239.14	253.08		-4.52	236.04	
		35-S	81	376.6	25	2.0		-3	-134.4	-13.47	4253.68	253.94		-4.54	235.93	
		34-S	84	365.1	36	2.8		-3	-145.1	-14.54	4271.00	254.98		-4.56	235.88	
		33-S	87	356.9	38	3.0		-4	-153.2	-15.36	4284.78	255.80		-4.58	235.86	
		32-S	90	357.1	36	2.8		-4	-153.2	-15.36	4284.11	255.76		-4.60	235.80	
		31-S	94	344.1	36	2.8		-4	-166.2	-16.66	4302.83	256.88		-4.62	235.60	
		30-S	97	347.8	31	2.4		-4	-162.9	-16.33	4298.62	256.63		-4.64	235.66	
		29-S	99	335.7	39	3.1		-4	-174.3	-17.47	4315.41	257.63		-4.66	235.50	

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-28W		28-S	104	322.6	36	2.8	-512.7	-1.4	-187.7	-18.82	4335.10	258.81		-4.68	235.31	
		27-S	107	313.3	32	2.5		-1.4	-197.3	-19.78	4350.74	259.74		-4.70	235.26	
		26-S	109	311.0	36	2.8		-1.4	-199.3	-19.98	4352.78	259.86		-4.72	235.16	
(-0.0041176)		25-S	113	295.8	38	3.0		-1.5	-214.4	-21.49	4374.81	261.18		-4.74	234.95	
		24-S	115	293.8	35	2.7		-1.5	-216.7	-21.72	4378.60	261.40		-4.76	234.92	
		23-S	118	292.8	36	2.8		-1.5	-217.6	-21.81	4379.65	261.47		-4.77	234.89	
		22-S	121	277.3	36	2.8		-1.5	-233.1	-23.37	4403.66	262.90		-4.79	234.74	
		21-S	124	268.9	36	2.8		-1.5	-241.5	-24.21	4415.82	263.62		-4.81	234.60	
		20-S	128	264.5	36	2.8		-1.5	-245.9	-24.65	4423.10	264.06		-4.83	234.58	
		~~16-S~~	~~162~~	~~258.0~~	~~37~~	~~2.7~~										
M.B.S	RICH		170	248.0	34	2.7	-512.7	-0.7	-262.7							

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PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA

JOB No. W-220 DATE July 7, 76 OPERATOR C. CHAN

INSTRUMENT

INSTR. CONSTANT -10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	M.B.S. PICH.		0	248.6	34	2.7	-514.0	0	-262.7							
L-28W		20-S	20	265.5	34	2.7		+1.3	-245.5	-24.61	4423.10	264.00		-4.83	234.62	
		19-S	23	258.0	38	3.0		+1.3	-252.7	-25.33	4430.14	264.48		-4.85	234.30	
		18-S	26	243.1	35	2.7		+1.3	-261.9	-26.85	4432.83	265.83		-4.87	234.11	
		17-S	31	240.2	37	2.9		+1.4	-270.5	-27.11	4458.37	266.16		-4.89	234.16	
		16-S	34	236.2	33	2.6		+1.5	-274.7	-27.54	4465.60	266.60		-4.91	234.15	
		15-S	37	236.0	36	2.8		+1.5	-274.7	-27.54	4464.88	266.52		-4.93	234.05	
		14-S	39	238.0	32	2.5		+1.5	-273.0	-27.37	4461.93	266.38		-4.95	234.06	
		13-S	42	229.2	35	2.7		+1.6	-281.5	-28.22	4473.81	267.09		-4.97	233.90	
		12-S	45	221.6	38	3.0		+1.6	-288.8	-28.95	4485.38	267.78		-4.99	233.84	
		11-S	48	216.7	35	2.7		+1.6	-294.0	-29.47	4490.79	268.10		-5.01	233.62	
		10-S	50	212.5	39	3.1		+1.7	-297.7	-29.84	4497.00	268.47		-5.03	233.60	
		9-S	53	205.7	34	2.7		+1.7	-304.9	-30.56	4506.72	269.05		-5.05	233.44	
		8-S	56	202.0	35	2.7		+1.7	-308.6	-30.93	4511.91	269.36		-5.07	233.36	
		7-S	59	196.7	37	2.9		+1.8	-313.6	-31.44	4517.66	269.70		-5.09	233.17	
		6-S	62	194.8	32	2.5		+1.8	-315.9	-31.67	4520.30	269.86		-5.11	233.08	
		5-S	65	187.6	33	2.6		+1.9	-322.9	-32.37	4525.91	270.20		-5.12	232.71	
		4-S	68	180.8	39	3.1		+1.9	-329.2	-33.00	4534.24	270.69		-5.14	232.95	
NO STICK			71	177.0	37	2.9		+1.9	-333.2	-33.40	N.R.					
		3-S	74	171.5	39	3.1		+1.0	-338.4	-33.92	4545.34	271.36		-5.16	232.28	
		2-S	78	157.0	32	2.5		+1.0	-353.5	-35.43	4565.49	272.56		-5.18	231.95	
		1-S	81	131.0	36	2.8		+1.1	-379.1	-38.00	4605.10	274.92		-5.20	231.72	
	BL-0	0-100	85	115.9	32	2.5		+1.1	-394.5	-39.54	4632.76	276.58		-5.22	231.82	
	B.S. #40		90	180.9	34	2.7										
	B.S. #40		98	180.9	34	2.7	-514.0	+1.3	-329.1	-32.99						

(x0.013263)

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE 25/07/76

OPERATOR TIM KIRBY

INSTRUMENT

INSTR. CONSTANT .10024 LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading ↓	H.I.	H.I. corr. ↓	Base corr. ↓	Drift ↓	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
	BS#45		0	506.4	30	2.3	-1266.6	0	-757.9	-75.97						
T.L. 20-N	T.L. 20-N 44-W	7	471.6	29	2.3			-1	-792.8	-79.47	5166.51	308.44		-5.88	223.09	226.81
		42-W	12	428.0	34	2.7		-~	-836.1	-83.81	5222.08	311.76	*	-5.84	222.11	225.94
		40-W	17	422.8	36	2.8		-~	-841.2	-84.32	5286.29	315.59		-5.81	225.46	226.52
		36-W	22	415.7	28	2.2		-.3	-849.0	-85.10	5304.00	316.65		-5.75	225.80	
		38-W	31	423.2	32	2.5		-.4	-841.3	-84.33	5298.06	316.29		-5.78	226.18	
		34-W	37	444.0	35	2.7		-.5	-820.4	-82.23	5271.81	314.73		-5.72	226.78	
(-0139785)		32-W	44	435.8	38	3.0		-.6	-828.4	-83.04	5282.06	315.34		-5.68	226.62	
		30-W	52	365.0	38	3.0		-.7	-899.3	-90.15	5373.87	320.82		-5.65	225.02	
		28-W	58	411.3	35	2.7		-.8	-853.4	-85.54	5336.01	317.37		-5.62	226.21	
		26-W	64	459.7	33	2.6		-.9	-805.2	-80.71	5246.96	313.24		-5.59	226.94	
		24-W	68	491.5	32	2.5		-1.0	-773.6	-77.55	5196.46	310.23		-5.56	227.12	
		22-W	73	531.6	34	2.7		-1.0	-733.3	-73.51	5134.63	306.54		-5.52	227.51	
		20-W	78	572.8	38	3.0		-1.1	-691.9	-69.36	5069.85	302.67		-5.49	227.82	
	BS#46		93	441.0	35	2.7	-1266.6	-1.3	-824.~	-82.62						
L. 20-W.	BS#46		0	441.0	35	2.7	-1267.9	0	-824.~	-82.62						
	L. 20-W.	20-N	9	574.5	36	2.8		+1	-690.5	-69.22	5069.85	302.67		-5.49	227.96	
		21-N	15	561.5	34	2.7		+~	-703.5	-70.52	5092.67	304.03		-5.51	228.00	*
		22-N	20	537.0	34	2.7		+~	-728.0	-72.97	5123.69	305.88		-5.53	227.38	
		23-N	24	517.5	37	2.9		+3	-747.2	-74.90	5152.32	307.59		-5.55	227.14	
		24-N	27	495.0	32	2.5		+3	-770.1	-77.19	5184.49	309.51		-5.57	226.75	
		25-N	31	480.4	32	2.5		+3	-784.7	-78.66	5204.88	310.73		-5.59	226.48	
		26-N	34	475.8	36	2.8		+4	-788.9	-79.08	5211.64	311.13		-5.61	226.44	
26+5N	19+54W	39	474.9	35	2.7		-1267.9	+4	-789.9	-79.18	5214.51	311.31		-5.62	226.51	

[illegible]

PAGE No. PETER E. WALCOTT & ASSOC. LTD.
 GRAVITY DATA
 JOB No. DATE Aug 2/76 OPERATOR JM. INSTRUMENT INSTR. CONSTANT 1002.4 LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 120-E	BS #36		0	342.7	34	2.7	-100.0	0	245.4							
		53-N	4	343.2	33	2.6		0	245.8	24.64	3584.73	214.01		-2.76	235.89	
DL 5896+17 E of DY 6X10 N.M.			8	334.8	35	2.7		0	237.5	23.81	3597.66	214.78		-2.78	235.81	
L. 120 AT 52+00-N		55-N	11	328.6	35	2.7		0	231.3	23.19	3607.43	215.36		-2.80	235.75	
small Creek 53+10-N			13	323.8	33	2.6		0	226.4	22.69	3616.22	215.89		-2.82	235.76	
		57-N	17	319.6	36	2.8		0	222.4	22.29	3623.73	216.34		-2.84	235.79	
			19	312.0	32	2.5		0	214.5	21.50	3637.42	217.15		-2.86	235.80	
		59-N	23	304.7	36	2.8		0	207.5	20.80	3650.28	217.92		-2.88	235.84	
			27	297.2	36	2.8		0	200.0	20.05	3664.63	218.78		-2.90	235.93	
		61-N	33	285.2	33	2.6		0	189.8	18.83	3686.22	220.07		-2.92	235.97	
			34	284.2	31	2.4		0	186.6	18.70	3691.15	220.36		-2.94	236.13	
		63-N	37	284.8	32	2.5		0	187.3	18.77	3691.86	220.40		-2.96	236.22	
			41	274.9	36	2.8		0	177.7	17.81	3708.26	221.38		-2.98	236.22	
		65-N	44	267.0	35	2.7		0	169.7	17.01	3721.07	222.15		-3.00	236.16	
			47	259.8	39	3.1		0	162.9	16.33	3732.77	222.85		-3.02	236.16	
		67-N	51	251.8	29	2.3		0	154.1	15.45	3747.02	223.70		-3.04	236.10	
			54	241.6	37	2.9		0	144.5	14.48	3762.87	224.64		-3.06	236.07	
		69-N	58	235.6	37	2.9		0	138.5	13.88	3773.41	225.27		-3.08	236.08	
			62	233.9	32	2.5		0	136.4	13.67	3777.03	225.49		-3.10	236.06	
		71-N	66	231.3	37	2.9		0	134.2	13.45	3781.52	225.76		-3.12	236.09	
			68	226.1	36	2.8		0	128.9	12.92	3789.88	226.26		-3.14	236.04	
		73-N	72	221.8	32	2.5		0	124.3	12.46	3797.55	226.71		-3.16	236.01	
			76	216.9	34	2.7		0	119.6	11.99	3804.79	227.15		-3.18	235.95	
		75-N	79	213.7	39	3.1		0	116.8	11.71	3809.83	227.45		-3.20	235.95	
		76-N	82	209.6	33	2.6	-100.0	0	112.2	11.25	3816.19	227.83		-3.22	235.85	

PAGE No. PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA																	
JOB No.		DATE <i>Aug. 2/76</i>		OPERATOR <i>JM.</i>		INSTRUMENT		INSTR. CONSTANT <i>.10024</i>		LATITUDE		CHECKED					
Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity		
<i>L. 120-E</i>		<i>77-N</i>	<i>86</i>	<i>203.1</i>	<i>35</i>	<i>2.7</i>	<i>-100.0</i>	<i>0</i>	<i>105.8</i>	<i>10.61</i>	<i>3826.40</i>	<i>228.44</i>		<i>-3.24</i>	<i>235.80</i>		
			<i>89</i>	<i>196.0</i>	<i>35</i>	<i>2.7</i>		<i>0</i>	<i>98.7</i>	<i>9.89</i>	<i>3837.99</i>	<i>229.13</i>		<i>-3.26</i>	<i>235.96</i>		
		<i>79-N</i>	<i>93</i>	<i>187.7</i>	<i>35</i>	<i>2.7</i>		<i>0</i>	<i>90.4</i>	<i>9.06</i>	<i>3851.03</i>	<i>229.91</i>		<i>-3.28</i>	<i>235.69</i>		
			<i>96</i>	<i>181.5</i>	<i>34</i>	<i>2.7</i>		<i>0</i>	<i>84.2</i>	<i>8.44</i>	<i>3860.82</i>	<i>230.49</i>		<i>-3.30</i>	<i>235.63</i>		
		<i>81-N</i>	<i>100</i>	<i>174.1</i>	<i>35</i>	<i>2.7</i>		<i>0</i>	<i>76.8</i>	<i>7.70</i>	<i>3872.45</i>	<i>231.19</i>		<i>-3.32</i>	<i>235.56</i>		
			<i>102</i>	<i>166.4</i>	<i>35</i>	<i>2.7</i>		<i>0</i>	<i>69.1</i>	<i>6.93</i>	<i>3884.63</i>	<i>231.91</i>		<i>-3.34</i>	<i>235.50</i>		
		<i>83-N</i>	<i>106</i>	<i>167.5</i>	<i>36</i>	<i>2.8</i>		<i>0</i>	<i>70.3</i>	<i>7.05</i>	<i>3884.14</i>	<i>231.88</i>		<i>-3.36</i>	<i>235.51</i>		
			<i>109</i>	<i>170.0</i>	<i>31</i>	<i>2.4</i>		<i>0</i>	<i>72.4</i>	<i>7.26</i>	<i>3880.99</i>	<i>231.70</i>		<i>-3.38</i>	<i>235.51</i>		
		<i>85-N</i>	<i>113</i>	<i>168.9</i>	<i>34</i>	<i>2.7</i>		<i>0</i>	<i>71.6</i>	<i>7.18</i>	<i>3882.56</i>	<i>231.79</i>		<i>-3.41</i>	<i>235.56</i>		
			<i>116</i>	<i>165.3</i>	<i>35</i>	<i>2.7</i>		<i>0</i>	<i>68.0</i>	<i>6.80</i>	<i>3888.14</i>	<i>232.12</i>		<i>-3.43</i>	<i>235.51</i>		
		<i>87-N</i>	<i>119</i>	<i>162.2</i>	<i>34</i>	<i>2.7</i>		<i>0</i>	<i>64.9</i>	<i>6.51</i>	<i>3893.66</i>	<i>232.45</i>		<i>-3.45</i>	<i>235.51</i>		
			<i>122</i>	<i>155.5</i>	<i>35</i>	<i>2.7</i>		<i>0</i>	<i>58.2</i>	<i>5.83</i>	<i>3903.92</i>	<i>233.06</i>		<i>-3.47</i>	<i>235.43</i>		
<i>B.S. #37 AT</i>		<i>89-N</i>	<i>125</i>	<i>148.5</i>	<i>38</i>	<i>3.0</i>		<i>0</i>	<i>51.5</i>	<i>5.16</i>	<i>3914.68</i>	<i>233.71</i>		<i>-3.49</i>	<i>235.38</i>		
<i>INT. - 90+100-N</i> <i>120+100-E</i>	<i>BS #37</i>	<i>90-N</i>	<i>128</i>	<i>153.5</i>	<i>36</i>	<i>2.8</i>	<i>-100.0</i>	<i>0</i>	<i>56.3</i>	<i>5.64</i>	<i>3907.62</i>	<i>233.28</i>		<i>-3.51</i>	<i>235.42</i>		
<i>L. 128-E</i>	<i>BS #37</i>		<i>0</i>	<i>153.2</i>	<i>36</i>	<i>2.8</i>	<i>-99.7</i>	<i>0</i>	<i>56.3</i>								
<i>INT - 89+80-N</i>		<i>INT.</i>	<i>11</i>	<i>214.8</i>	<i>37</i>	<i>2.9</i>		<i>0</i>	<i>118.0</i>	<i>11.83</i>	<i>3796.08</i>	<i>226.63</i>		<i>-3.37</i>	<i>235.08</i>		
<i>+ 128+62-E</i>		<i>89-N</i>	<i>14</i>	<i>220.6</i>	<i>37</i>	<i>2.9</i>		<i>0</i>	<i>123.8</i>	<i>12.41</i>	<i>3787.93</i>	<i>226.14</i>		<i>-3.36</i>	<i>235.19</i>		
<i>POSSIBLE SET</i> <i>08-92 (20.4)</i>			<i>20</i>	<i>223.3</i>	<i>37</i>	<i>2.9</i>		<i>+1</i>	<i>126.6</i>	<i>12.69</i>	<i>3783.96</i>	<i>225.90</i>		<i>-3.34</i>	<i>235.25</i>		
		<i>87-N</i>	<i>23</i>	<i>225.1</i>	<i>27</i>	<i>2.1</i>		<i>+1</i>	<i>127.6</i>	<i>12.79</i>	<i>3781.40</i>	<i>225.75</i>		<i>-3.32</i>	<i>235.22</i>		
			<i>29</i>	<i>226.1</i>	<i>35</i>	<i>2.7</i>		<i>+1</i>	<i>129.2</i>	<i>12.95</i>	<i>3779.15</i>	<i>225.62</i>		<i>-3.30</i>	<i>235.27</i>		
		<i>85-N</i>	<i>32</i>	<i>234.9</i>	<i>39</i>	<i>3.1</i>		<i>+1</i>	<i>138.4</i>	<i>13.87</i>	<i>3764.79</i>	<i>224.76</i>		<i>-3.27</i>	<i>235.36</i>		
			<i>35</i>	<i>240.6</i>	<i>37</i>	<i>2.9</i>		<i>+1</i>	<i>143.9</i>	<i>14.42</i>	<i>3756.04</i>	<i>224.24</i>		<i>-3.25</i>	<i>235.41</i>		
		<i>83-N</i>	<i>38</i>	<i>240.2</i>	<i>37</i>	<i>2.9</i>		<i>+1</i>	<i>143.5</i>	<i>14.38</i>	<i>3756.71</i>	<i>224.28</i>		<i>-3.23</i>	<i>235.43</i>		
		<i>82-N</i>	<i>41</i>	<i>249.7</i>	<i>37</i>	<i>2.9</i>	<i>-99.7</i>	<i>+1</i>	<i>153.0</i>	<i>15.34</i>	<i>3742.24</i>	<i>223.41</i>		<i>-3.21</i>	<i>235.54</i>		

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

Aug. 2/76

OPERATOR

J.M.

INSTRUMENT

INSTR. CONSTANT

.10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 128-E		81-N	44	250.7	36	2.8	-99.7	+1.1	153.9	15.47	3740.28	223.24		-3.19	235.53	
			47	252.2	35	2.7		+1.2	155.4	15.58	3738.32	223.18		-3.17	235.59	
		79	51	255.9	34	2.7		+1.2	159.1	15.95	3732.89	225.85		-3.15	235.65	
			55	256.0	34	2.7		+1.2	159.2	15.96	3732.74	222.84		-3.13	235.67	
		79	58	259.7	34	2.7		+1.2	162.9	16.33	3725.96	222.44		-3.11	235.66	
			61	268.0	36	2.8		+1.2	171.3	17.17	3713.19	221.68		-3.09	235.76	
		75	64	273.7	35	2.7		+1.2	176.9	17.73	3703.59	221.10		-3.07	235.77	
			67	281.5	34	2.7		+1.2	184.7	18.51	3690.65	220.33		-3.05	235.80	
thru	-	73	71	287.4	36	2.8		+1.2	190.7	19.12	3681.48	219.78		-3.03	235.81	
			74	296.9	32	2.5		+1.2	199.9	20.04	3666.64	218.90		-3.01	235.93	
		71	77	302.7	36	2.8		+1.2	206.0	20.65	3657.99	218.38		-2.99	236.04	
			81	306.9	33	2.6		+1.3	210.1	21.06	3650.50	217.93		-2.97	236.03	
		69	84	309.4	35	2.7		+1.3	212.7	21.32	3646.57	217.70		-2.95	236.07	
			87	310.8	37	2.9		+1.3	214.3	21.48	3644.46	217.57		-2.93	236.13	
		67	90	313.6	37	2.9		+1.3	217.1	21.76	3639.92	217.30		-2.91	236.16	
			93	317.2	32	2.5		+1.3	220.3	22.08	3633.86	216.94		-2.89	236.13	
		65	96	317.6	34	2.7		+1.3	220.9	22.14	3633.20	216.90		-2.87	236.18	
			99	322.6	36	2.8		+1.3	226.0	22.65	3625.16	216.42		-2.85	236.23	
		63	102	324.8	37	2.9		+1.3	228.3	22.88	3620.44	216.14		-2.83	236.20	
			105	332.5	35	2.7		+1.3	235.8	23.64	3607.57	215.37		-2.81	236.20	
		61	108	340.9	35	2.7		+1.4	244.3	24.49	3592.92	214.50		-2.79	236.20	
			112	348.4	34	2.4		+1.4	251.5	25.21	3579.91	213.72		-2.77	236.16	
		59	115	355.2	33	2.6		+1.4	258.5	25.91	3568.39	213.03		-2.75	236.19	
			117	355.2	34	2.7		+1.4	258.6	25.92	3567.50	212.98		-2.73	236.17	
		57-N	121	354.4	36	2.8	-99.7	+1.4	257.9	25.85	3564.99	212.83		-2.71	235.97	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No. DATE *Aug. 24/76* OPERATOR *JM.* INSTRUMENT INSTR. CONSTANT *10024* LATITUDE CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 128-E		56-N	124	365.3	33	2.6	-99.7	+4	268.6	26.92	3543.99	211.58		-2.69	235.91	
(.0032467)			128	375.2	35	2.7		+4	278.6	27.93	3525.22	210.46		-2.67	235.71	
		54-N	131	385.9	36	2.8		+4	289.4	29.01	3506.24	209.32		-2.65	235.68	
			133	389.7	37	2.9		+4	293.3	29.40	3497.10	208.78		-2.63	235.55	
tree roots shaken		52-N	137	397.7	28	2.2		+4	300.6	30.13	3484.64	208.03		-2.61	235.56	
	BS#36		154	341.9	34	2.7	-99.7	+0.5	245.4							
L. 120-E	BS#36		0	341.5	34	2.7	-98.8	0	245.4							
		52-N	3	344.2	38	3.0		0	248.4	24.90	3581.19	213.80		-2.74	235.96	
INT of DY CRIO BL 96+17-E			6	344.8	37	2.9		0	248.9	24.95	3581.52	213.82		-2.72	236.05	
AT 52+00-N.		50-N	11	345.3	35	2.7		+1	249.3	24.99	3580.89	213.78		-2.69	236.08	
			14	351.4	35	2.7		+1	255.4	25.60	3572.11	213.25		-2.67	236.19	
sm creek - 17+50		18	18	358.1	34	2.7		+1	262.1	26.27	3562.49	212.68		-2.65	236.30	
			22	355.3	35	2.7		+2	259.4	26.00	3565.44	212.86		-2.63	236.23	
		16	25	364.8	36	2.8		+2	269.0	26.96	3551.24	212.01		-2.61	236.36	
			29	369.2	36	2.8		+2	273.4	27.41	3544.80	211.62		-2.59	236.44	
		11	33	370.4	33	2.6		+2	274.4	27.51	3542.43	211.48		-2.57	236.42	
			36	370.1	36	2.8		+3	274.4	27.51	3541.45	211.42		-2.55	236.38	
		12	40	368.9	34	2.7		+3	273.1	27.38	3541.99	211.46		-2.53	236.30	
tree spring			43	378.4	38	3.0		+3	282.9	28.36	3524.49	210.41		-2.51	236.26	
		46	46	381.3	34	2.7		+3	285.5	28.62	3522.25	210.28		-2.49	236.41	
			50	388.6	34	2.7		+4	292.9	29.36	3510.55	209.58		-2.47	236.47	
		38	53	394.3	33	2.6		+4	298.5	29.92	3500.50	208.98		-2.45	236.45	
			57	399.3	34	2.7		+4	303.6	30.43	3491.32	208.42		-2.43	236.43	
		36-N	60	405.3	35	2.7	-98.8	+4	309.6	31.03	3481.19	207.83		-2.41	236.45	

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

Aug 5/66 OPERATOR A.M.

INSTRUMENT

INSTR. CONSTANT

10024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H. I.	H. I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 152-E	B.534		0	863.8	36	2.8	-104.0	0	762.6							
		41-N	14	752.8	35	2.7		-1	651.4	653.0	2871.21	171.41		-2.02	234.69	
			18	750.3	32	2.5		-1	648.1	650.3	2876.21	171.71		-2.04	234.70	
		43	21	746.3	32	2.5		-1	644.7	64.62	2882.36	172.08		-2.06	234.64	
			25	735.4	35	2.7		-1	634.0	63.55	2902.70	173.29		-2.08	234.76	
		45	29	729.2	33	2.6		-1	627.7	62.92	2914.36	173.99		-2.10	234.81	
			33	722.1	32	2.5		-1	620.5	62.20	2926.39	174.71		-2.12	234.78	
		47	36	715.4	34	2.7		-1	614.0	61.55	2938.12	175.41		-2.14	234.81	
			39	706.7	39	3.1		-1.2	605.6	60.71	2952.55	176.27		-2.16	234.81	
		49	43	700.2	32	2.5		-1.2	598.5	59.99	2964.16	176.96		-2.18	234.77	
			47	692.2	32	2.5		-1.2	590.5	59.19	2977.45	177.75		-2.20	234.75	
		51	51	683.3	36	2.8		-1.2	581.9	58.33	2992.43	178.65		-2.22	234.76	
			54	672.7	33	2.6		-1.2	571.1	57.25	3010.78	179.74		-2.24	234.75	
		53	57	668.5	34	2.7		-1.2	567.0	56.84	3017.58	180.15		-2.26	234.73	
			61	664.1	39	3.1		-1.2	563.0	56.44	3024.11	180.54		-2.28	234.69	
		55	65	659.1	37	2.9		-1.3	557.7	55.90	3032.27	181.03		-2.30	234.63	
			68	653.3	32	2.5		-1.3	551.5	55.28	3042.66	181.65		-2.32	234.61	
		57	72	646.5	33	2.6		-1.3	544.8	54.61	3045.95	181.84		-2.34	234.11	
			76	637.4	33	2.6		-1.3	535.7	53.70	3069.33	183.24		-2.36	234.58	
		59	79	634.1	32	2.5		-1.3	532.3	53.36	3074.83	183.57		-2.38	234.55	
old rd + o/c. at 60470			82	629.9	31	2.4		-1.3	528.0	52.93	3081.68	183.98		-2.40	234.50	
NB 11. IN STUMP →		61	88	640.3	22	1.7		-1.4	537.6	53.89	3064.71	182.96		-2.42	234.43	
HILL SIDE o/c →			93	622.7	30	2.3		-1.4	520.6	52.18	3092.73	184.64		-2.44	234.38	
		63	97	617.6	35	2.7		-1.4	515.9	51.71	3102.59	185.22		-2.46	234.48	
		64-N	101	612.9	37	2.9	-104.0	-1.4	511.4	51.26	3110.02	185.67		-2.48	234.45	

PETER E. WALCOTT & ASSOC. LTD.																
GRAVITY DATA																
PAGE No.	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.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 152-E		65-N	104	611.3	38	3.0	-104.0	-0.4	509.9	51.11	3113.47	185.87	-2.50		234.49	
			108	600.3	37	2.9		-0.4	498.8	50.00	3132.12	186.99	-2.52		234.47	
		67	112	596.7	34	2.7		-0.4	495.0	49.62	3138.82	187.39	-2.54		234.47	
INT. 67+82-N		INT.	117	597.7	29	2.3		-0.5	495.5	49.67	3138.02	187.34	-2.56		234.45	
(0040009)		68	120	595.9	38	3.0		-0.5	494.4	49.56	3141.15	187.53	-2.56		234.53	
		69	123	593.9	41	3.2		-0.5	492.6	49.38	3142.23	187.59	-2.58		234.39	
	B.S. #38		150	374.4	37	2.9	-104.0	-0.6	272.7							
	B.S. #38		0	374.4	37	2.9	-104.6	0	272.7							
L. 136-E		72-N	3	372.3	40	3.1		0	270.8	27.14	3540.70	211.38	-2.86		235.66	
			6	372.7	42	3.3		0	271.4	27.21	3539.79	211.33	-2.88		235.65	
		74	9	372.3	39	3.1		0	270.8	27.14	3540.91	211.39	-2.90		235.64	
			12	369.7	39	3.1		0	268.2	26.88	3541.43	211.60	-2.92		235.51	
		76	16	366.8	39	3.1		0	265.3	26.59	3549.18	211.89	-2.94		235.54	
rain			33	363.9	42	3.3		0	262.6	26.32	3553.88	212.17	-2.96		235.53	
		78	36	362.4	39	3.1		0	260.9	26.15	3555.73	212.28	-2.98		235.45	
			39	361.6	39	3.1		0	260.1	26.07	3555.99	212.29	-3.00		235.37	
		80	44	359.6	36	2.8		0	257.8	25.84	3558.43	212.44	-3.02		235.26	
			48	354.9	38	3.0		0	253.3	25.39	3564.41	212.80	-3.04		235.15	
No. 79-N			82	351.3	33	2.6		0	249.3	24.99	3569.15	213.08	-3.06		235.01	
			55	345.9	36	2.8		0	244.1	24.47	3577.39	213.57	-3.08		234.96	
		84	58	340.0	37	2.9		0	238.3	23.89	3586.64	214.12	-3.10		234.91	
			61	334.9	39	3.1		0	233.4	23.40	3593.50	214.53	-3.12		234.81	
Tree swaying		86	65	333.6	34	2.7		0	231.7	23.23	3595.75	214.67	-3.14		234.75	
		87-N	68	331.8	31	2.4	-104.6	0	229.6	23.02	3598.06	214.80	-3.16		234.66	

GRAVITY DATA

CHECKED

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE *AUG 6/72* OPERATOR *SM*

INSTRUMENT

INSTR. CONSTANT *.10024* LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<i>L 160-E</i>	<i>B5#34</i>		0	868.6	36	2.8	-108.8	0	762.6							
		<i>40-N</i>	6	879.4	35	2.7		0	773.3	77.5~	2643.80	157.83		-1.87	233.48	
<i>Rd - 40+80-N</i>			10	875.7	37	2.9		0	~~769.8~~ 751.8	77.16	2649.19	158.16		-1.89	233.48	
		<i>42</i>	13	874.8	35	2.7		+1	768.8	77.06	2651.5~	158.30		-1.91	233.45	
			17	872.2	35	2.7		+1	766.2	76.80	2656.95	158.62		-1.93	233.49	
		<i>44</i>	21	871.3	36	2.8		+1	765.4	76.72	2659.10	158.75		-1.95	233.52	
<i>Rd. 45+40</i>			24	870.2	33	2.6		+1	764.1	76.59	2661.19	158.87		-1.97	233.50	
		<i>46</i>	27	866.5	34	2.7		+1	760.5	76.23	2668.03	159.28		-1.99	233.52	
			31	862.1	34	2.7		+1	756.1	75.79	2675.87	159.75		-2.01	233.53	
		<i>48</i>	34	861.7	35	2.7		+1	755.7	75.75	2676.76	159.80		-2.03	233.5~	
			38	851.9	37	2.9		+1	746.1	74.79	2693.35	160.79		-2.05	233.53	
		<i>50</i>	42	848.9	34	2.7		+2	743.0	74.48	2699.53	161.16		-2.07	233.57	
			46	845.7	33	2.6		+2	739.7	74.15	2704.6~	161.47		-2.10	233.5~	
		<i>52</i>	50	844.3	35	2.7		+2	738.4	74.02	2705.90	161.54		-2.12	233.44	
			55	840.8	29	2.3		+2	734.5	73.63	2710.33	161.81		-2.14	233.30	
		<i>54</i>	59	835.9	37	2.9		+2	730.2	73.20	2717.97	162.26		-2.16	233.30	
			63	831.7	33	2.6		+2	725.7	72.74	2725.36	162.70		-2.18	233.27	
		<i>56</i>	67	825.9	35	2.7		+3	720.1	72.18	2734.24	163.23		-2.20	233.22	
			71	819.8	31	2.4		+3	713.7	71.54	2744.01	163.82		-2.22	233.14	
		<i>58</i>	75	814.6	32	2.5		+3	708.6	71.03	2752.27	164.31		-2.24	233.10	
			79	808.9	33	2.6		+3	703.0	70.47	2761.89	164.88		-2.26	233.09	
		<i>60</i>	82	805.7	37	2.9		+3	700.1	70.18	2766.44	165.16		-2.28	233.05	
			85	802.1	38	3.0		+3	696.6	69.83	2771.85	165.48		-2.30	233.01	
<i>62</i>			90	795.1	34	2.7		+3	689.3	69.10	2783.88	166.20		-2.32	232.97	
		<i>63</i>	93	789.3	37	2.9	-108.8	+4	683.8	68.54	2792.60	166.72		-2.34	232.92	

1.152
-77-N
1.144
-78-N

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PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE

Aug. 6/72

OPERATOR

J.M.

INSTRUMENT

INSTR. CONSTANT

.0024

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L-160-E		64-N	98	795.4	32	2.5	-108.8	+1.4	689.5	69.12	2781.43	166.05		-2.36	232.81	
			103	786.2	31	2.4		+1.4	680.2	68.18	2788.01	167.04		-2.38	232.84	
		66	107	780.9	30	2.3		+1.4	674.8	67.64	2813.33	167.96		-2.40	233.20	*
		67-N	111	778.7	32	2.5		+1.4	672.8	67.44	2811.28	167.83		-2.42	232.85	
INT-67+47-N		68 INT	115	774.5	34	2.7		+1.4	668.8	67.04	2818.80	168.28		-2.41	232.91	
160+40-E		68-N	118	770.8	32	2.5		+1.4	664.9	66.65	2824.65	168.63		-2.44	232.84	
			123	764.6	35	2.7		+1.5	659.0	66.06	2835.07	169.25		-2.46	232.85	
sidehill →		70-N	127	761.1	23	1.8		+1.5	654.6	65.62	2841.21	169.62		-2.48	232.76	
			130	752.9	36	2.8		+1.5	647.4	64.90	2854.71	170.43		-2.50	232.82	
		72-N	133	747.4	35	2.7		+1.5	641.8	64.33	2864.90	171.03		-2.52	232.85	
(x.00375)			137	747.4	28	2.2		+1.5	641.3	64.28	2866.95	171.16		-2.54	232.90	
		74	140	742.5	35	2.7		+1.5	636.9	63.84	2874.83	171.63		-2.56	232.91	
		75-N	143	738.5	31	2.4		+1.5	632.6	63.41	2883.07	172.12		-2.58	232.95	
	BS#39		160	864.2	36	2.8	-108.8	+0.6	758.8							
T.L. 69-N	BS#39		0	863.7	36	2.8	-107.7	0	758.8							
		INT. 160-E	10	773.7	32	2.5		+1.1	668.6	67.02	2818.80	168.28		-2.40	232.90	
		158-E	16	736.6	35	2.7		+1.1	631.7	63.32	2887.79	172.40		-2.43	233.29	
		156-E	23	699.0	37	2.9		+1.2	594.4	59.58	2955.31	176.43		-2.46	233.55	
		154-E	28	654.8	33	2.6		+1.2	549.9	55.11	3036.17	181.26		-2.50	233.88	
INT-67+82-N		152-E	35	615.9	31	2.4		+1.2	510.8	51.20	3108.64	185.59		-2.53	234.26	
151+10-E		INT	40	601.2	28	2.2		+1.3	496.0	49.72	3138.05	187.34		-2.56	234.50	
		150-E	45	587.7	33	2.6		+1.3	482.9	48.41	3158.14	188.54		-2.57	234.38	*
		148-E	52	550.9	34	2.7		+1.4	446.3	44.74	3225.78	192.58		-2.60	234.72	
		146-E	57	516.6	36	2.8	-107.7	+1.4	412.1	41.31	3287.44	196.26		-2.63	234.94	

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE Aug. 6/76 OPERATOR YHA

INSTRUMENT

INSTR. CONSTANT

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
T.L. 69-N		144-E	67	483.2	38	3.0	-109.7	+1.5	379.0	37.99	3346.76	199.80	-2.67		235.12	
INT. 68+26-N 142+53-E		INT	73	465.8	36	2.8		+1.5	361.4	36.23	3380.26	201.80	-2.69		235.34	
•		142-E	77	460.4	37	2.9		+1.5	356.1	35.70	3390.13	202.39	-2.70		235.39	
		140-E	83	438.0	38	3.0		+1.6	333.9	33.47	3432.59	204.93	-2.73		235.67	
(x.006731)		138-E	93	416.3	39	3.1		+1.6	312.3	31.30	3469.50	207.13	-2.77		235.66	
		136-E	99	391.1	38	3.0		+1.7	281.1	28.78	3512.62	209.70	-2.80		235.68	
	BS #38		104	376.7	38	3.0	-107.7	+0.7	272.7							
L. 136-E	BS #38		0	375.7	38	3.0	-106.0	0	272.7							
		72-N														
•			2	376.4	41	3.2		0	273.6	27.43	3535.44	211.07	-2.84		235.65	
		70-N	4	382.1	41	3.2		0	279.3	28.00	3525.79	210.49	-2.82		235.67	
			7	389.9	38	3.0		+0.1	281.0	28.77	3512.71	209.71	-2.80		235.68	
		68	10	395.6	33	2.6		+1.1	292.3	29.30	3503.37	209.15	-2.78		235.67	
•			14	401.3	42	3.3		+1.1	298.7	29.94	3493.37	208.55	-2.76		235.74	
		66	17	405.4	39	3.1		+1.2	302.7	30.34	3487.81	208.22	-2.74		235.82	
			21	399.4	37	2.9		+1.2	296.5	29.72	3495.33	208.67	-2.72		235.67	
		64	24	406.5	44	3.4		+1.2	304.1	30.48	3482.68	207.92	-2.70		235.70	
			27	413.7	39	3.1		+1.2	311.0	31.17	3472.52	207.31	-2.68		235.80	
		62	31	413.3	40	3.1		+1.3	310.7	31.16	3472.26	207.29	-2.66		235.80	
			33	418.5	38	3.0		+1.3	315.8	31.66	3463.46	206.77	-2.64		235.78	
		60	36	423.0	41	3.2		+1.3	320.5	32.13	3453.56	206.18	-2.62		235.68	
o/c -			40	440.3	34	2.7		+1.4	337.4	33.82	3425.16	204.48	-2.60		235.70	
		58	43	449.0	39	3.1		+1.4	346.5	34.73	3412.12	203.70	-2.58		235.86	
		57-N	46	449.9	37	2.9	-106.0	+1.4	347.2	34.80	3410.50	203.61	-2.56		235.85	

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.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
L. 136-E		56-N	50	452.9	40	3.1	-106.0	+0.4	350.4	35.12	3404.98	203.28	-2.54		235.86	
			54	443.8	36	2.8		+0.5	341.1	34.19	3417.27	204.01	-2.52		235.68	
		54-N	57	451.3	36	2.8		+0.5	348.6	34.94	3403.68	203.20	-2.50		235.64	
			59	463.4	40	3.1		+0.5	361.0	36.19	3380.67	201.83	-2.48		235.53	
		52	63	477.4	34	2.7		+0.6	374.7	37.56	3354.10	200.24	-2.46		235.34	
			66	493.8	38	3.0		+0.6	391.4	39.23	3324.53	198.47	-2.45		235.26	
		50	69	508.2	40	3.1		+0.6	405.9	40.69	3299.16	196.96	-2.43		235.22	
			72	521.3	40	3.1		+0.6	419.0	42.00	3277.92	195.69	-2.41		235.28	
		48	74	531.5	40	3.1		+0.7	429.3	43.03	3260.62	194.66	-2.39		235.30	
			78	549.5	44	3.4		+0.7	447.6	44.87	3231.85	192.94	-2.37		235.44	
		46	81	557.4	35	2.7		+0.7	454.8	45.59	3219.79	192.22	-2.35		235.46	
Crack 45440			88	568.3	40	3.1		+0.8	466.2	46.73	3202.72	191.20	-2.33		235.60	
		44	92	560.2	37	2.9		+0.8	457.9	45.90	3218.30	192.13	-2.31		235.72	
			95	549.9	38	3.0		+0.8	447.7	44.88	3236.01	193.19	-2.29		235.78	
		42	98	552.7	42	3.3		+0.9	450.9	45.20	3232.18	192.96	-2.27		235.89	
			102	562.7	44	3.4		+0.9	459.0	46.01	3219.59	192.21	-2.25		235.97	
		40	105	568.7	40	3.1		+0.9	466.7	46.78	3207.69	191.50	-2.23		236.05	
			109	575.0	39	3.1		+1.0	473.1	47.42	3197.49	190.89	-2.21		236.10	
(+0089172)		38	112	582.7	39	3.1		+1.0	480.8	48.20	3181.49	189.93	-2.19		235.94	*
			116	586.7	41	3.2		+1.0	484.9	48.61	3177.41	189.69	-2.17		236.13	
		36	119	593.4	38	3.0		+1.1	491.5	49.27	3167.58	189.10	-2.15		236.22	
			123	597.6	40	3.1		+1.1	495.8	49.70	3159.32	188.61	-2.13		236.18	
		34	126	602.7	41	3.2		+1.1	501.0	50.22	3149.98	188.05	-2.11		236.16	
			129	607.1	40	3.1		+1.2	505.4	50.66	3142.70	187.62	-2.09		236.19	
		32-N	133	609.8	39	3.1		+1.2	508.1	50.93	3137.94	187.34	-2.07		236.20	

BS.33

157 833.7 37 2.9 -106.0 +1.4 732.0

PAGE No. PETER E. WALCOTT & ASSOC. LTD. GRAVITY DATA JOB No. DATE <i>Aug 7/76</i> OPERATOR <i>Jim</i> INSTRUMENT INSTR. CONSTANT <i>10024</i> 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		
<i>L. 128-E</i>	<i>BS#31</i>		0	704.8	37	2.9	-104.8	0	602.9	60.43							
		<i>22-N</i>	30	595.1	33	2.6		-1.2	492.7	49.39	3178.46	189.75		-2.00	187.75		
			34	589.5	35	2.7		-1.2	487.2	48.84	3186.39	190.23		-2.02	188.21		
<i>shaky -</i>		<i>24</i>	38	584.5	38	3.0		-1.3	482.4	48.36	3194.01	190.68		-2.04	188.64		
			42	577.6	35	2.7		-1.3	475.2	47.63	3204.16	191.29		-2.06	189.23		
		<i>26</i>	45	573.6	34	2.7		-1.3	471.2	47.23	3210.48	191.67		-2.08	189.59		
			48	567.4	37	2.9		-1.3	465.2	46.63	3219.82	192.22		-2.10	190.12		
		<i>28</i>	52	561.1	36	2.8		-1.4	458.7	45.98	3230.10	192.84		-2.12	190.72		
			54	553.6	38	3.0		-1.4	451.4	45.25	3242.00	193.55		-2.15	191.40		
		<i>30</i>	57	548.9	34	2.7		-1.4	446.4	44.75	3249.77	194.01		-2.17	191.84		
			61	542.3	36	2.8		-1.4	439.9	44.10	3245.54	193.76		-2.19	191.57		
<i>shaky</i>		<i>32</i>	64	532.6	37	2.9		-1.4	430.3	43.13	3274.72	195.50		-2.21	193.29		
<i>shaky</i>			68	523.7	36	2.8		-1.5	421.2	42.22	3289.98	196.41		-2.23	194.18		
<i>shaky</i>		<i>34</i>	72	514.8	31	2.4		-1.5	411.9	41.29	3304.84	197.30		-2.25	195.05		
			76	505.7	31	2.4		-1.5	402.8	40.38	3319.61	198.18		-2.27	195.91		
		<i>36</i>	79	497.1	35	2.7		-1.5	394.5	39.54	3333.27	199.00		-2.29	196.71		
			83	490.7	35	2.7		-1.6	388.0	38.89	3344.11	199.64		-2.31	197.33		
		<i>38</i>	86	483.1	41	3.2		-1.6	380.9	38.18	3357.76	200.46		-2.33	198.13		
			90	476.3	33	2.6		-1.6	373.5	37.44	3369.69	201.17		-2.35	198.82		
		<i>40</i>	94	470.8	38	3.0		-1.6	368.4	36.93	3377.73	201.65		-2.37	199.28		
			97	463.2	34	2.7		-1.7	360.4	36.13	3391.04	202.45		-2.39	200.06		
		<i>42</i>	101	457.7	35	2.7		-1.7	354.9	35.58	3400.55	203.01		-2.41	200.60		
			105	455.8	28	2.2		-1.7	352.5	35.33	3405.09	203.28		-2.43	200.85		
		<i>44</i>	109	450.9	35	2.7		-1.7	348.1	34.89	3412.06	203.70		-2.45	201.25		
		<i>45-N</i>	112	449.4	35	2.7	-104.8	-1.8	346.5	34.73	3413.80	203.80		-2.47	201.33		

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE *Aug 7/76* OPERATOR *M/M*

INSTRUMENT

INSTR. CONSTANT

1002A

LATITUDE

CHECKED

Remarks	Base	Station	Time	Reading	H.I.	H.I. corr.	Base corr.	Drift	Corr. Reading	Observed Gravity	Elev.	$\rho =$ Elev. Corr.	Latitude	Latitude Corr.	$\rho =$ Bouguer Gravity	
<i>L. 128-E</i>		<i>46-N</i>	<i>118</i>	<i>446.5</i>	<i>36</i>	<i>2.8</i>	<i>-104.8</i>	<i>-.8</i>	<i>343.7</i>	<i>34.45</i>	<i>3419.53</i>	<i>204.15</i>		<i>-2.49</i>	<i>201.66</i>	
<i>Creek 45+50</i>			<i>122</i>	<i>440.8</i>	<i>34</i>	<i>2.7</i>		<i>-.8</i>	<i>337.9</i>	<i>33.87</i>	<i>3429.04</i>	<i>204.71</i>		<i>-2.51</i>	<i>202.20</i>	
		<i>48</i>	<i>126</i>	<i>435.9</i>	<i>33</i>	<i>2.6</i>		<i>-.9</i>	<i>332.8</i>	<i>33.36</i>	<i>3435.88</i>	<i>205.12</i>		<i>-2.53</i>	<i>202.59</i>	
<i>(-06675676)</i>			<i>129</i>	<i>431.7</i>	<i>40</i>	<i>3.1</i>		<i>-.9</i>	<i>329.1</i>	<i>32.99</i>	<i>3441.07</i>	<i>205.43</i>		<i>-2.55</i>	<i>202.88</i>	
		<i>50</i>	<i>133</i>	<i>418.5</i>	<i>38</i>	<i>3.0</i>		<i>-.9</i>	<i>305.8</i>	<i>32.65</i>	<i>3460.91</i>	<i>206.62</i>		<i>-2.57</i>	<i>204.05</i>	
<i>Creek - 51+60</i>		<i>51-N</i>	<i>136</i>	<i>406.4</i>	<i>38</i>	<i>3.0</i>		<i>-.9</i>	<i>303.7</i>	<i>30.44</i>	<i>3477.72</i>	<i>207.62</i>		<i>-2.59</i>	<i>205.03</i>	
	<i>BS#36</i>	<i>52-N</i>	<i>148</i>	<i>348.5</i>	<i>35</i>	<i>2.7</i>	<i>-104.8</i>	<i>-1.0</i>	<i>245.4</i>							
<i>L. 120-E</i>	<i>BS#37</i>	<i>90-N</i>	<i>0</i>	<i>159.3</i>	<i>37</i>	<i>2.9</i>	<i>-105.9</i>	<i>0</i>	<i>56.3</i>	<i>5.64</i>	<i>3907.62</i>	<i>233.28</i>		<i>-3.51</i>	<i>229.77</i>	
			<i>3</i>	<i>159.6</i>	<i>38</i>	<i>3.0</i>		<i>0</i>	<i>56.7</i>	<i>5.68</i>	<i>3906.87</i>	<i>233.24</i>		<i>-3.53</i>	<i>229.71</i>	
		<i>92</i>	<i>5</i>	<i>160.8</i>	<i>34</i>	<i>2.7</i>		<i>0</i>	<i>57.6</i>	<i>5.77</i>	<i>3905.02</i>	<i>233.13</i>		<i>-3.55</i>	<i>229.58</i>	
			<i>8</i>	<i>158.6</i>	<i>32</i>	<i>2.5</i>		<i>-.1</i>	<i>55.1</i>	<i>5.52</i>	<i>3908.56</i>	<i>233.34</i>		<i>-3.57</i>	<i>229.77</i>	
		<i>94</i>	<i>12</i>	<i>157.2</i>	<i>31</i>	<i>2.4</i>		<i>-.1</i>	<i>53.6</i>	<i>5.37</i>	<i>3910.71</i>	<i>233.47</i>		<i>-3.59</i>	<i>229.88</i>	
		<i>95-N</i>	<i>14</i>	<i>153.8</i>	<i>36</i>	<i>2.8</i>		<i>-.1</i>	<i>50.6</i>	<i>5.07</i>	<i>3915.03</i>	<i>233.73</i>		<i>-3.61</i>	<i>230.12</i>	
	<i>BS#37</i>		<i>22</i>	<i>159.6</i>	<i>36</i>	<i>2.8</i>	<i>-105.9</i>	<i>-0.2</i>	<i>56.3</i>							
<i>T. L. 90-N</i>	<i>BS#37</i>	<i>120-E</i>	<i>0</i>	<i>159.8</i>	<i>36</i>	<i>2.8</i>	<i>-106.3</i>	<i>0</i>	<i>56.3</i>	<i>5.64</i>	<i>3907.62</i>					
		<i>122</i>	<i>3</i>	<i>167.1</i>	<i>37</i>	<i>2.9</i>		<i>0</i>	<i>63.7</i>	<i>6.39</i>	<i>3892.37</i>					
		<i>124</i>	<i>8</i>	<i>178.2</i>	<i>35</i>	<i>2.7</i>		<i>-0.1</i>	<i>74.5</i>	<i>7.47</i>	<i>3871.50</i>					
		<i>126</i>	<i>12</i>	<i>201.6</i>	<i>32</i>	<i>2.5</i>		<i>-0.1</i>	<i>97.9</i>	<i>9.79</i>	<i>3830.73</i>					
<i>INT. 89+80-N</i>		<i>128-E</i>	<i>17</i>	<i>215.7</i>	<i>37</i>	<i>2.9</i>		<i>-0.1</i>	<i>112.2</i>	<i>11.25</i>	<i>3805.85</i>					
<i>128+62-E</i>		<i>INT.</i>	<i>20</i>	<i>221.4</i>	<i>39</i>	<i>3.1</i>		<i>-0.1</i>	<i>118.1</i>	<i>11.84</i>	<i>3795.50</i>					
		<i>130</i>	<i>26</i>	<i>236.4</i>	<i>38</i>	<i>3.0</i>		<i>-0.2</i>	<i>132.9</i>	<i>13.32</i>	<i>3769.02</i>					
		<i>132</i>	<i>31</i>	<i>259.4</i>	<i>37</i>	<i>2.9</i>		<i>-0.2</i>	<i>155.8</i>	<i>15.62</i>	<i>3729.26</i>					
		<i>134-E</i>	<i>35</i>	<i>280.1</i>	<i>40</i>	<i>3.1</i>	<i>-106.3</i>	<i>-0.2</i>	<i>176.7</i>	<i>17.71</i>	<i>3691.88</i>					

PAGE No.

PETER E. WALCOTT & ASSOC. LTD.

GRAVITY DATA

JOB No.

DATE *Aug. 7/76* OPERATOR *J.M.*

INSTRUMENT

INSTR. CONSTANT

10024

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	
<i>T.L. 90-N</i>		<i>136-E</i>	<i>41</i>	<i>300.5</i>	<i>29</i>	<i>2.3</i>	<i>-106.3</i>	<i>-0.3</i>	<i>196.2</i>	<i>19.67</i>	<i>3655.97</i>					
	<i>B.S. #38</i>		<i>58</i>	<i>376.3</i>	<i>39</i>	<i>3.1</i>	<i>-106.3</i>	<i>-0.4</i>	<i>272.7</i>							
<i>L. 144-E</i>	<i>RS#38</i>		<i>0</i>	<i>375.8</i>	<i>39</i>	<i>3.1</i>	<i>-106.2</i>	<i>0</i>	<i>272.7</i>							
<i>INT 6846-N</i>		<i>INT</i>	<i>11</i>	<i>464.5</i>	<i>37</i>	<i>2.9</i>		<i>0</i>	<i>361.2</i>	<i>36.21</i>	<i>3380.26</i>	<i>201.80</i>		<i>-2.69</i>	<i>235.32</i>	
<i>142153-E</i>		<i>68-N</i>	<i>N.R.</i>	<i>471.7</i>	<i>36</i>			<i>0</i>						<i>-2.69</i>		
			<i>14</i>	<i>471.7</i>	<i>36</i>	<i>2.8</i>		<i>0</i>	<i>368.3</i>	<i>36.92</i>	<i>3367.66</i>	<i>201.05</i>		<i>-2.67</i>	<i>235.30</i>	
		<i>66</i>	<i>19</i>	<i>475.7</i>	<i>32</i>	<i>2.5</i>		<i>0</i>	<i>372.0</i>	<i>37.29</i>	<i>3360.12</i>	<i>200.60</i>		<i>-2.65</i>	<i>235.24</i>	
			<i>23</i>	<i>490.5</i>	<i>36</i>	<i>2.8</i>		<i>0</i>	<i>381.1</i>	<i>38.80</i>	<i>3332.91</i>	<i>198.91</i>		<i>-2.63</i>	<i>235.15</i>	
		<i>64</i>	<i>28</i>	<i>501.2</i>	<i>38</i>	<i>3.0</i>		<i>0</i>	<i>398.0</i>	<i>39.90</i>	<i>3316.63</i>	<i>198.00</i>		<i>-2.61</i>	<i>235.29</i>	
			<i>31</i>	<i>511.2</i>	<i>38</i>	<i>3.0</i>		<i>0</i>	<i>408.0</i>	<i>40.90</i>	<i>3300.83</i>	<i>197.06</i>		<i>-2.59</i>	<i>235.31</i>	
		<i>62</i>	<i>35</i>	<i>515.6</i>	<i>38</i>	<i>3.0</i>		<i>0</i>	<i>412.4</i>	<i>41.34</i>	<i>3294.38</i>	<i>196.67</i>		<i>-2.57</i>	<i>235.44</i>	
			<i>38</i>	<i>516.6</i>	<i>31</i>	<i>2.4</i>		<i>0</i>	<i>412.8</i>	<i>41.38</i>	<i>3293.44</i>	<i>196.62</i>		<i>-2.55</i>	<i>235.45</i>	
		<i>60</i>	<i>41</i>	<i>515.4</i>	<i>38</i>	<i>3.0</i>		<i>0</i>	<i>412.2</i>	<i>41.32</i>	<i>3293.21</i>	<i>196.60</i>		<i>-2.53</i>	<i>235.39</i>	
			<i>47</i>	<i>524.6</i>	<i>33</i>	<i>2.6</i>		<i>0</i>	<i>421.0</i>	<i>42.20</i>	<i>3278.32</i>	<i>195.72</i>		<i>-2.51</i>	<i>235.41</i>	
<i>Shakey</i>		<i>58</i>	<i>51</i>	<i>530.2</i>	<i>35</i>	<i>2.7</i>		<i>0</i>	<i>426.7</i>	<i>42.77</i>	<i>3267.68</i>	<i>195.08</i>		<i>-2.49</i>	<i>235.36</i>	
			<i>54</i>	<i>539.2</i>	<i>35</i>	<i>2.7</i>		<i>0</i>	<i>435.1</i>	<i>43.67</i>	<i>3252.40</i>	<i>194.17</i>		<i>-2.47</i>	<i>235.31</i>	
		<i>56</i>	<i>58</i>	<i>545.3</i>	<i>35</i>	<i>2.7</i>		<i>0</i>	<i>441.8</i>	<i>44.29</i>	<i>3242.08</i>	<i>193.55</i>		<i>-2.44</i>	<i>235.40</i>	
			<i>61</i>	<i>551.2</i>	<i>34</i>	<i>2.7</i>		<i>0</i>	<i>447.7</i>	<i>44.88</i>	<i>3231.71</i>	<i>192.93</i>		<i>-2.42</i>	<i>235.39</i>	
		<i>54</i>	<i>65</i>	<i>560.8</i>	<i>33</i>	<i>2.6</i>		<i>0</i>	<i>451.2</i>	<i>45.83</i>	<i>3216.08</i>	<i>192.00</i>		<i>-2.40</i>	<i>235.43</i>	
			<i>68</i>	<i>566.5</i>	<i>37</i>	<i>2.9</i>		<i>0</i>	<i>463.2</i>	<i>46.43</i>	<i>3205.42</i>	<i>191.36</i>		<i>-2.38</i>	<i>235.41</i>	
		<i>52</i>	<i>72</i>	<i>574.6</i>	<i>40</i>	<i>3.1</i>		<i>0</i>	<i>471.5</i>	<i>47.26</i>	<i>3191.83</i>	<i>190.55</i>		<i>-2.36</i>	<i>235.46</i>	
			<i>76</i>	<i>581.9</i>	<i>37</i>	<i>2.9</i>		<i>0</i>	<i>478.6</i>	<i>47.97</i>	<i>3184.51</i>	<i>190.12</i>		<i>-2.34</i>	<i>235.75</i>	
		<i>50</i>	<i>80</i>	<i>589.1</i>	<i>37</i>	<i>2.9</i>	<i>-106.2</i>	<i>0</i>	<i>485.8</i>	<i>48.70</i>	<i>3168.23</i>	<i>189.14</i>		<i>-2.32</i>	<i>235.52</i>	

[illegible]