

KODIAK PETROLEUM ULC

LITTLE CHICAGO BOUGUER GRAVITY - VARIABLE DENSITY

Line	Station	Latitude (N) (decimal degrees)	Longitude (W) (decimal degrees)	UTMx		UTMy		Elevation (metres) (above sea level)	Observed Gravity (mGal)	Station Density (g/cm³)	Corrections					Bouguer Anomaly Variable Density + 149 (mGal)
				UTM Zone 9 NAD 83 (metres)		Latitude	Free Air				Bouguer variable density	Inner Terrain (2m-175m)	Outer Terrain (175m-40km)			
				NAD 83										(mGal)		
101	101	67.15264	130.31732	442925.5	7449000.6	63.2	982407.48	2.77	982432.97	-25.23	9.49	0.11	0.22	108.14		
101	113	67.15204	130.32260	442695.5	7448939.1	74.1	982405.38	2.77	982432.93	-21.87	8.23	0.00	0.18	107.99		
101	125	67.15142	130.32790	442464.3	7448874.6	76.3	982405.14	2.77	982432.89	-21.20	7.97	0.00	0.14	108.16		
101	137	67.15080	130.33322	442232.3	7448810.7	78.9	982404.51	2.77	982432.85	-20.40	7.67	0.00	0.12	108.06		
101	149	67.15019	130.33856	441999.6	7448747.6	78.9	982404.56	2.77	982432.81	-20.40	7.67	0.00	0.11	108.13		
101	161	67.14957	130.34392	441765.6	7448683.9	76.9	982405.09	2.77	982432.77	-21.01	7.90	0.00	0.10	108.32		
101	173	67.14896	130.34927	441532.4	7448620.7	77.2	982405.28	2.77	982432.73	-20.94	7.87	0.00	0.10	108.59		
101	185	67.14835	130.35461	441299.7	7448556.9	79.1	982404.93	2.77	982432.69	-20.33	7.64	0.00	0.10	108.66		
101	197	67.14774	130.35994	441067.1	7448494.1	79.3	982404.87	2.77	982432.65	-20.28	7.63	0.00	0.10	108.66		
101	209	67.14711	130.36530	440833.3	7448429.2	80.1	982404.63	2.77	982432.61	-20.03	7.53	0.00	0.09	108.62		
101	221	67.14650	130.37070	440597.9	7448366.4	81.8	982404.51	2.77	982432.57	-19.51	7.34	0.00	0.09	108.86		
101	233	67.14589	130.37603	440365.4	7448303.2	83.9	982404.15	2.77	982432.53	-18.87	7.10	0.00	0.09	108.94		
101	245	67.14525	130.38137	440132.6	7448237.1	85.2	982403.85	2.77	982432.49	-18.45	6.94	0.00	0.09	108.94		
101	257	67.14465	130.38670	439900.1	7448176.1	89.5	982402.88	2.77	982432.45	-17.14	6.44	0.00	0.09	108.83		
101	269	67.14404	130.39208	439665.2	7448112.7	95.4	982401.43	2.77	982432.41	-15.30	5.75	0.04	0.09	108.62		
101	289	67.14301	130.40095	439278.4	7448006.6	88.2	982403.02	2.74	982432.34	-17.52	6.51	0.01	0.09	108.78		
101	292	67.14288	130.40219	439224.5	7447993.0	93.1	982402.00	2.73	982432.33	-16.01	5.93	0.11	0.09	108.83		
101	305	67.14223	130.40758	438989.3	7447926.6	94.0	982401.67	2.68	982432.29	-15.74	5.73	0.00	0.10	108.46		
101	316	67.14165	130.41246	438776.3	7447866.4	91.4	982401.88	2.63	982432.25	-16.55	5.91	0.01	0.10	108.10		
101	339	67.14048	130.42261	438333.3	7447746.6	91.4	982401.98	2.53	982432.18	-16.55	5.69	0.00	0.10	108.04		
101	344	67.14020	130.42517	438221.6	7447717.4	95.9	982400.96	2.50	982432.16	-15.16	5.15	0.01	0.09	107.90		
101	353	67.13973	130.42929	438041.9	7447668.7	97.1	982400.77	2.46	982432.13	-14.79	4.95	0.00	0.10	107.90		
101	365	67.13911	130.43467	437807.0	7447605.3	93.3	982402.02	2.42	982432.09	-15.97	5.25	0.02	0.10	108.34		
101	377	67.13847	130.44000	437574.2	7447539.9	98.7	982401.03	2.40	982432.05	-14.30	4.67	0.01	0.10	108.46		
101	388	67.13791	130.44486	437362.4	7447481.4	99.5	982400.82	2.40	982432.01	-14.05	4.59	0.01	0.10	108.46		
101	401	67.13724	130.45060	437111.5	7447413.3	100.4	982400.45	2.40	982431.97	-13.76	4.49	0.00	0.10	108.32		
101	405	67.13704	130.45246	437030.6	7447392.7	102.8	982399.97	2.40	982431.95	-13.04	4.25	0.00	0.10	108.34		
101	413	67.13663	130.45600	436876.1	7447350.8	120.5	982396.17	2.40	982431.93	-7.56	2.47	0.07	0.10	108.34		
101	421	67.13621	130.45953	436722.0	7447307.1	106.4	982399.20	2.40	982431.90	-11.91	3.89	0.01	0.11	108.39		
101	437	67.13545	130.46618	436431.5	7447229.5	109.5	982398.61	2.40	982431.85	-10.96	3.57	0.01	0.12	108.51		
101	449	67.13483	130.47154	436197.5	7447165.6	126.3	982394.77	2.40	982431.81	-5.77	1.88	0.08	0.13	108.30		
101	461	67.13420	130.47688	435964.4	7447100.7	144.0	982390.71	2.40	982431.77	-0.31	0.10	0.06	0.15	107.96		
101	473	67.13360	130.48229	435728.6	7447040.0	146.9	982390.25	2.40	982431.73	0.58	-0.19	0.02	0.13	108.06		
101	483	67.13307	130.48668	435536.7	7446985.0	134.0	982393.36	2.40	982431.70	-3.39	1.11	0.03	0.12	108.53		
101	497	67.13233	130.49291	435264.7	7446909.8	147.4	982390.10	2.40	982431.65	0.75	-0.24	0.08	0.13	108.18		
101	509	67.13178	130.49783	435049.8	7446852.5	131.8	982393.38	2.40	982431.61	-4.07	1.33	0.14	0.14	108.33		
101	521	67.13115	130.50309	434820.1	7446788.7	114.2	982397.66	2.40	982431.57	-9.50	3.10	0.00	0.16	108.85		
101	532	67.13056	130.50801	434605.1	7446727.9	114.7	982397.43	2.40	982431.53	-9.34	3.05	0.01	0.16	108.77		
101	545	67.12992	130.51378	434353.2	7446662.4	121.4	982396.25	2.40	982431.49	-7.29	2.38	0.01	0.17	109.02		
101	557	67.12930	130.51919	434116.8	7446598.9	122.6	982395.94	2.40	982431.45	-6.91	2.25	0.03	0.23	109.09		
101	569	67.12870	130.52451	433884.8	7446537.6	145.8	982390.29	2.40	982431.41	0.25	-0.08	0.07	0.18	108.31		
101	581	67.12806	130.52987	433650.7	7446471.7	146.6	982390.54	2.40	982431.37	0.51	-0.17	0.02	0.17	108.71		
101	593	67.12742	130.53516	433419.5	7446406.4	152.2	982389.39	2.40	982431.33	2.21	-0.72	0.00	0.15	108.70		
101	604	67.12685	130.54008	433204.6	7446347.9	152.5	982389.58	2.40	982431.29	2.32	-0.76	0.01	0.16	109.02		
101	617	67.12616	130.54589	432950.7	7446277.6	157.3	982388.43	2.40	982431.25	3.81	-1.24	0.01	0.18	108.94		
101	627	67.12562	130.55036	432755.0	7446222.9	156.0	982388.74	2.40	982431.21	3.38	-1.10	0.00	0.19	109.00		
101	641	67.12494	130.55628	432496.5	7446153.0	160.5	982387.64	2.40	982431.17	4.78	-1.56	0.02	0.21	108.93		

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Line	Station	Latitude (N) NAD 83 (decimal degrees)	Longitude (W) NAD 83 (decimal degrees)	UTM		Elevation (metres) (above sea level)	Observed Gravity (mGal)	Station Density (g/cm³)	Corrections					Bouguer Anomaly Variable Density + 149 (mGal)
				UTMx UTM Zone 9 NAD 83 (metres)	UTMy NAD 83 (metres)				Latitude	Free Air	Bouguer variable density	Inner Terrain (2m-175m)	Outer Terrain (175m-40km)	
101	653	67.12433	130.56165	432262.2	7446091.2	169.2	982385.90	2.40	982431.13	7.46	-2.43	0.02	0.20	109.02
101	665	67.12371	130.56703	432026.8	7446027.4	172.3	982385.24	2.40	982431.09	8.42	-2.74	0.00	0.19	109.01
101	677	67.12309	130.57241	431791.8	7445963.8	172.5	982385.14	2.40	982431.05	8.48	-2.77	0.01	0.17	109.00
101	689	67.12244	130.57780	431556.4	7445897.9	174.8	982384.48	2.40	982431.00	9.19	-3.00	0.00	0.16	108.83
101	701	67.12181	130.58321	431319.9	7445833.3	181.2	982383.18	2.40	982430.96	11.18	-3.64	0.00	0.16	108.91
101	713	67.12119	130.58858	431085.0	7445770.3	185.6	982382.10	2.40	982430.92	12.53	-4.09	0.00	0.16	108.78
101	725	67.12055	130.59398	430849.3	7445705.0	193.0	982380.38	2.40	982430.88	14.82	-4.83	0.02	0.15	108.66
101	737	67.11993	130.59931	430616.3	7445641.5	199.7	982379.03	2.40	982430.84	16.89	-5.51	0.00	0.15	108.72
101	749	67.11930	130.60467	430381.7	7445577.8	203.3	982378.23	2.40	982430.80	18.00	-5.87	0.00	0.14	108.70
101	761	67.11866	130.61006	430146.3	7445512.8	204.9	982377.90	2.40	982430.76	18.47	-6.02	0.00	0.14	108.74
101	773	67.11802	130.61548	429909.4	7445446.7	206.3	982377.24	2.40	982430.72	18.92	-6.17	0.00	0.15	108.42
101	785	67.11739	130.62088	429673.4	7445383.5	213.6	982375.79	2.40	982430.68	21.17	-6.90	0.00	0.16	108.54
101	797	67.11677	130.62636	429433.8	7445319.6	224.7	982373.30	2.40	982430.64	24.58	-8.02	0.00	0.15	108.39
101	809	67.11614	130.63180	429196.0	7445256.0	232.2	982371.58	2.40	982430.59	26.90	-8.77	0.01	0.15	108.28
101	821	67.11550	130.63718	428960.4	7445190.5	232.1	982371.39	2.40	982430.55	26.88	-8.76	0.00	0.16	108.10
101	833	67.11488	130.64254	428726.1	7445128.2	235.6	982370.68	2.40	982430.51	27.97	-9.12	0.02	0.16	108.20
101	845	67.11425	130.64789	428492.4	7445064.1	239.0	982369.99	2.40	982430.47	29.02	-9.46	0.00	0.16	108.23
101	857	67.11362	130.65324	428258.2	7445000.1	243.5	982368.98	2.40	982430.43	30.41	-9.92	0.00	0.16	108.20
101	869	67.11298	130.65858	428024.8	7444934.1	248.3	982368.09	2.40	982430.39	31.87	-10.39	0.00	0.16	108.34
101	881	67.11234	130.66395	427789.6	7444869.2	253.9	982366.81	2.40	982430.35	33.62	-10.96	0.01	0.17	108.30
101	893	67.11171	130.66931	427555.2	7444806.1	263.8	982364.30	2.40	982430.31	36.67	-11.96	0.00	0.17	107.88
101	902	67.11124	130.67329	427381.3	7444757.7	264.0	982364.52	2.40	982430.28	36.72	-11.97	0.01	0.18	108.17
102	101	67.12138	130.43860	437590.9	7445633.3	111.9	982396.79	2.40	982430.93	-10.22	3.33	0.00	0.09	108.06
102	109	67.12274	130.43983	437541.2	7445785.8	109.6	982397.34	2.40	982431.02	-10.94	3.57	0.00	0.09	108.04
102	121	67.12481	130.44172	437464.4	7446019.0	104.0	982398.69	2.40	982431.16	-12.65	4.13	0.00	0.09	108.10
102	133	67.12684	130.44351	437392.1	7446246.7	96.1	982400.57	2.40	982431.29	-15.08	4.92	0.00	0.10	108.22
102	145	67.12888	130.44540	437315.4	7446476.0	98.4	982400.32	2.40	982431.42	-14.37	4.69	0.00	0.10	108.31
102	157	67.13093	130.44723	437241.6	7446706.7	98.2	982400.54	2.40	982431.56	-14.44	4.71	0.00	0.10	108.36
102	169	67.13298	130.44906	437167.6	7446937.0	102.9	982399.70	2.40	982431.69	-13.00	4.24	0.00	0.10	108.35
102	181	67.13505	130.45089	437093.6	7447168.8	105.3	982399.28	2.40	982431.82	-12.25	3.99	0.00	0.10	108.31
102	193	67.13709	130.45277	437017.1	7447398.7	103.6	982399.77	2.40	982431.96	-12.78	4.17	0.00	0.10	108.31
102	205	67.13913	130.45464	436941.6	7447627.9	105.7	982399.56	2.40	982432.09	-12.14	3.96	0.00	0.10	108.40
102	217	67.14118	130.45650	436866.1	7447858.0	110.8	982398.59	2.40	982432.22	-10.56	3.45	0.00	0.10	108.36
102	229	67.14324	130.45832	436792.6	7448089.8	106.6	982399.71	2.40	982432.36	-11.85	3.87	0.00	0.11	108.47
102	241	67.14529	130.46017	436718.0	7448320.2	103.4	982400.53	2.40	982432.49	-12.83	4.18	0.00	0.11	108.50
102	253	67.14734	130.46201	436643.9	7448550.1	104.3	982400.53	2.40	982432.62	-12.55	4.09	0.00	0.11	108.56
102	265	67.14939	130.46384	436569.8	7448780.2	107.6	982399.87	2.40	982432.76	-11.54	3.76	0.00	0.11	108.45
102	277	67.15144	130.46568	436495.2	7449010.6	108.3	982399.82	2.40	982432.89	-11.34	3.70	0.00	0.11	108.40
102	289	67.15350	130.46753	436420.6	7449242.3	114.0	982398.86	2.40	982433.02	-9.57	3.12	0.00	0.10	108.49
102	301	67.15555	130.46935	436347.1	7449472.4	117.3	982398.49	2.40	982433.16	-8.56	2.79	0.00	0.11	108.67
102	313	67.15762	130.47121	436272.2	7449705.4	113.0	982399.58	2.40	982433.29	-9.89	3.23	0.00	0.11	108.73
102	325	67.15966	130.47303	436198.5	7449934.9	108.6	982400.67	2.40	982433.42	-11.22	3.66	0.00	0.11	108.79
102	337	67.16171	130.47487	436124.4	7450165.4	108.9	982400.78	2.40	982433.56	-11.13	3.63	0.00	0.11	108.83
102	349	67.16377	130.47671	436050.3	7450396.7	111.4	982400.42	2.40	982433.69	-10.35	3.38	0.00	0.11	108.86
102	361	67.16580	130.47857	435975.1	7450624.6	112.9	982400.19	2.40	982433.82	-9.92	3.24	0.00	0.11	108.80
102	373	67.16784	130.48038	435902.0	7450854.1	117.4	982398.97	2.40	982433.95	-8.52	2.78	0.00	0.12	108.39
102	385	67.16990	130.48223	435827.4	7451085.3	120.8	982398.29	2.40	982434.09	-7.46	2.43	0.00	0.12	108.29

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Line	Station	Latitude (N) (decimal degrees)	Longitude (W) (decimal degrees)	UTMx UTMy UTM Zone 9 NAD 83		Elevation (metres) (above sea level)	Observed Gravity (mGal)	Station Density (g/cm³)	Corrections					Bouguer Anomaly Variable Density + 149 (mGal)
				Latitude	Free Air				Bouguer variable density	Inner Terrain (2m-175m)	Outer Terrain (175m-40km)			
												(mGal)		
102	389	67.17059	130.48282	435803.7	7451163.1	120.9	982398.30	2.40	982434.13	-7.43	2.42	0.00	0.12	108.28
102	402	67.17280	130.48483	435722.8	7451411.5	121.3	982398.25	2.41	982434.28	-7.32	2.40	0.00	0.11	108.16
102	409	67.17399	130.48593	435678.3	7451545.4	120.4	982398.58	2.41	982434.35	-7.60	2.49	0.00	0.11	108.23
102	421	67.17605	130.48777	435603.9	7451776.8	120.6	982398.64	2.42	982434.49	-7.53	2.48	0.00	0.12	108.22
102	433	67.17809	130.48960	435530.4	7452005.7	122.0	982398.55	2.43	982434.62	-7.10	2.35	0.00	0.12	108.29
102	445	67.18013	130.49144	435456.1	7452235.4	120.2	982399.12	2.44	982434.75	-7.67	2.54	0.00	0.12	108.36
102	457	67.18219	130.49329	435381.4	7452466.0	116.2	982399.90	2.45	982434.89	-8.89	2.96	0.00	0.12	108.20
102	469	67.18424	130.49512	435308.0	7452696.5	121.5	982399.03	2.47	982435.02	-7.26	2.44	0.00	0.12	108.31
102	481	67.18628	130.49697	435233.5	7452926.4	123.0	982398.83	2.48	982435.15	-6.78	2.29	0.00	0.13	108.31
102	493	67.18834	130.49881	435159.4	7453157.9	123.6	982398.87	2.50	982435.29	-6.62	2.25	0.00	0.14	108.35
102	505	67.19041	130.50070	435083.2	7453390.9	124.6	982398.75	2.51	982435.42	-6.31	2.15	0.00	0.14	108.31
102	517	67.19247	130.50253	435009.5	7453622.2	126.2	982398.49	2.53	982435.55	-5.80	1.99	0.00	0.14	108.27
102	529	67.19453	130.50438	434935.1	7453853.4	125.1	982398.78	2.55	982435.69	-6.15	2.13	0.00	0.13	108.21
102	541	67.19657	130.50619	434862.5	7454082.7	123.9	982399.15	2.56	982435.82	-6.51	2.26	0.00	0.13	108.22
102	553	67.19861	130.50803	434788.3	7454312.3	123.3	982399.38	2.58	982435.95	-6.70	2.35	0.00	0.13	108.21
102	565	67.20067	130.50987	434714.4	7454543.1	123.0	982399.67	2.60	982436.09	-6.78	2.39	0.00	0.14	108.34
102	577	67.20271	130.51170	434640.7	7454773.2	123.2	982399.84	2.61	982436.22	-6.73	2.39	0.00	0.15	108.43
102	585	67.20406	130.51293	434591.4	7454924.8	121.3	982400.34	2.62	982436.30	-7.30	2.60	0.00	0.15	108.48
103	129	67.10369	130.28018	444421.9	7443511.1	53.3	982408.39	2.77	982429.78	-28.29	10.64	0.02	0.19	110.18
103	141	67.10541	130.28322	444294.3	7443705.3	65.5	982405.65	2.77	982429.90	-24.54	9.23	0.01	0.18	109.64
103	153	67.10716	130.28629	444164.9	7443903.0	68.6	982405.15	2.77	982430.01	-23.57	8.87	0.00	0.16	109.59
103	165	67.10890	130.28931	444037.9	7444100.7	69.3	982405.17	2.77	982430.12	-23.36	8.79	0.00	0.15	109.62
103	177	67.11067	130.29238	443908.9	7444300.0	73.3	982404.24	2.77	982430.24	-22.12	8.32	0.00	0.14	109.34
103	189	67.11244	130.29548	443778.2	7444499.7	72.4	982404.72	2.77	982430.35	-22.42	8.43	0.00	0.14	109.52
103	201	67.11420	130.29857	443648.3	7444699.6	74.6	982404.28	2.77	982430.47	-21.72	8.17	0.00	0.13	109.39
103	213	67.11599	130.30165	443518.9	7444901.3	75.2	982404.36	2.77	982430.58	-21.54	8.10	0.00	0.13	109.47
103	225	67.11778	130.30475	443388.4	7445103.9	77.8	982403.76	2.77	982430.70	-20.73	7.80	0.00	0.14	109.27
103	237	67.11955	130.30783	443258.9	7445304.3	79.5	982403.52	2.77	982430.82	-20.21	7.60	0.00	0.20	109.29
103	249	67.12134	130.31096	443127.5	7445506.3	80.0	982403.28	2.77	982430.93	-20.07	7.55	0.00	0.32	109.15
103	262	67.12322	130.31414	442993.8	7445719.1	28.8	982413.50	2.77	982431.05	-35.87	13.49	0.01	0.55	109.63
103	273	67.12482	130.31692	442877.2	7445900.1	21.6	982415.17	2.77	982431.16	-38.08	14.32	0.00	0.53	109.77
103	286	67.12669	130.32016	442741.0	7446111.6	69.0	982405.84	2.77	982431.28	-23.44	8.82	0.01	0.29	109.24
103	297	67.12824	130.32311	442616.6	7446286.5	80.5	982403.79	2.77	982431.38	-19.92	7.49	0.00	0.20	109.19
103	309	67.13005	130.32609	442491.9	7446491.4	81.1	982403.56	2.77	982431.50	-19.71	7.41	0.00	0.14	108.91
103	321	67.13184	130.32916	442363.1	7446693.5	83.2	982402.94	2.77	982431.62	-19.07	7.17	0.00	0.12	108.55
103	333	67.13376	130.33258	442219.3	7446910.8	82.8	982403.40	2.77	982431.74	-19.20	7.22	0.00	0.11	108.79
103	345	67.13555	130.33567	442089.8	7447113.5	82.1	982403.63	2.77	982431.86	-19.42	7.30	0.00	0.11	108.76
103	357	67.13734	130.33880	441958.3	7447315.6	82.1	982403.74	2.77	982431.97	-19.40	7.29	0.00	0.10	108.77
103	369	67.13918	130.34187	441829.6	7447523.0	83.8	982403.33	2.77	982432.09	-18.89	7.10	0.00	0.10	108.56
103	381	67.14120	130.34393	441745.3	7447751.0	82.4	982403.82	2.77	982432.22	-19.33	7.27	0.00	0.10	108.64
103	393	67.14323	130.34598	441661.3	7447978.1	81.5	982404.03	2.77	982432.36	-19.59	7.37	0.00	0.10	108.55
103	405	67.14524	130.34810	441574.3	7448204.3	79.4	982404.70	2.77	982432.49	-20.23	7.61	0.00	0.10	108.69
103	417	67.14725	130.35013	441491.1	7448430.3	77.2	982405.34	2.77	982432.62	-20.92	7.87	0.00	0.10	108.77
103	425	67.14858	130.35158	441431.5	7448580.1	78.1	982405.16	2.77	982432.70	-20.65	7.77	0.00	0.10	108.67
103	429	67.14926	130.35213	441409.2	7448656.9	79.3	982404.73	2.77	982432.75	-20.26	7.62	0.00	0.10	108.44
103	441	67.15129	130.35409	441329.2	7448884.1	75.8	982405.55	2.77	982432.88	-21.36	8.03	0.00	0.10	108.44
103	453	67.15334	130.35588	441256.7	7449114.3	76.0	982405.37	2.77	982433.01	-21.28	8.00	0.00	0.10	108.18

KODIAK PETROLEUM ULC

LITTLE CHICAGO BOUGUER GRAVITY - VARIABLE DENSITY

Line	Station	Latitude (N) NAD 83 (decimal degrees)	Longitude (W) NAD 83 (decimal degrees)	UTMx		UTMy		Elevation (metres) (above sea level)	Observed Gravity (mGal)	Station Density (g/cm³)	Corrections					Bouguer Anomaly Variable Density + 149 (mGal)
				UTM Zone 9 NAD 83 (metres)		Latitude	Free Air				Bouguer variable density	Inner Terrain (2m-175m)	Outer Terrain (175m-40km)			
														(mGal)		
103	465	67.15538	130.35773	441181.5	7449344.2	72.5	982406.22	2.77	982433.15	-22.39	8.42	0.00	0.10	108.21		
103	477	67.15744	130.35952	441109.2	7449574.7	70.9	982406.62	2.77	982433.28	-22.85	8.59	0.00	0.10	108.19		
103	489	67.15947	130.36143	441031.2	7449803.7	72.8	982406.35	2.77	982433.41	-22.27	8.37	0.01	0.11	108.17		
103	501	67.16152	130.36313	440962.6	7450033.1	71.2	982406.91	2.77	982433.54	-22.79	8.57	0.02	0.12	108.29		
103	513	67.16357	130.36491	440890.6	7450264.1	66.3	982408.21	2.77	982433.68	-24.29	9.14	0.02	0.12	108.52		
103	525	67.16560	130.36678	440814.8	7450491.6	72.5	982406.94	2.77	982433.81	-22.38	8.42	0.01	0.13	108.31		
103	537	67.16765	130.36862	440740.1	7450722.3	74.8	982406.55	2.77	982433.94	-21.68	8.15	0.01	0.14	108.23		
103	549	67.16969	130.37056	440660.9	7450951.2	75.4	982406.54	2.77	982434.07	-21.46	8.07	0.01	0.14	108.23		
103	561	67.17174	130.37231	440590.4	7451181.5	75.8	982406.65	2.77	982434.21	-21.36	8.03	0.00	0.14	108.25		
103	573	67.17379	130.37419	440513.9	7451412.0	76.7	982406.58	2.77	982434.34	-21.08	7.93	0.00	0.13	108.22		
103	585	67.17584	130.37607	440437.6	7451641.7	77.0	982406.59	2.77	982434.47	-20.97	7.89	0.00	0.13	108.16		
103	597	67.17788	130.37800	440359.0	7451870.5	74.6	982407.61	2.77	982434.61	-21.72	8.17	0.00	0.13	108.59		
103	609	67.17993	130.37981	440285.8	7452101.0	76.7	982407.26	2.77	982434.74	-21.08	7.93	0.00	0.14	108.51		
103	621	67.18198	130.38165	440211.4	7452331.3	76.0	982407.51	2.77	982434.87	-21.31	8.01	0.00	0.16	108.50		
103	633	67.18403	130.38351	440135.8	7452561.6	72.2	982408.59	2.77	982435.01	-22.47	8.45	0.02	0.21	108.80		
103	645	67.18620	130.38570	440046.6	7452805.7	40.3	982415.56	2.77	982435.15	-32.30	12.14	0.07	0.21	109.56		
103	657	67.18826	130.38730	439982.4	7453036.7	37.5	982415.99	2.77	982435.28	-33.18	12.48	0.05	0.22	109.29		
103	669	67.19025	130.38930	439900.8	7453260.3	59.2	982410.83	2.77	982435.41	-26.46	9.95	0.00	0.20	108.11		
103	681	67.19234	130.39095	439835.0	7453495.6	57.2	982412.02	2.77	982435.54	-27.10	10.19	0.00	0.17	108.74		
103	693	67.19439	130.39280	439759.8	7453725.0	46.2	982414.57	2.77	982435.68	-30.50	11.47	0.05	0.17	109.10		
103	705	67.19642	130.39465	439684.9	7453953.6	29.1	982418.45	2.77	982435.81	-35.78	13.45	0.00	0.25	109.57		
103	717	67.19848	130.39648	439610.9	7454184.5	50.0	982413.90	2.77	982435.94	-29.31	11.02	0.04	0.16	108.89		
103	728	67.20034	130.39823	439540.1	7454393.5	62.1	982411.03	2.77	982436.06	-25.57	9.62	0.00	0.14	108.16		
103	741	67.20252	130.40026	439457.5	7454639.4	61.3	982411.49	2.77	982436.21	-25.82	9.71	0.00	0.13	108.30		
103	753	67.20457	130.40206	439384.9	7454868.7	54.3	982413.65	2.77	982436.34	-27.98	10.52	0.00	0.12	108.97		
103	765	67.20662	130.40391	439310.5	7455099.3	61.1	982412.31	2.77	982436.47	-25.89	9.74	0.00	0.12	108.80		
103	777	67.20868	130.40567	439239.5	7455331.0	62.3	982412.56	2.77	982436.60	-25.52	9.60	0.00	0.12	109.15		
103	789	67.21090	130.40781	439152.7	7455580.7	65.6	982412.12	2.77	982436.75	-24.50	9.21	0.00	0.12	109.20		
103	801	67.21279	130.40951	439084.0	7455793.1	65.2	982412.62	2.77	982436.87	-24.62	9.26	0.00	0.11	109.50		
103	813	67.21487	130.41130	439011.9	7456026.2	64.5	982413.23	2.77	982437.01	-24.85	9.35	0.00	0.11	109.83		
103	825	67.21694	130.41311	438939.0	7456259.0	67.6	982412.51	2.77	982437.14	-23.89	8.98	0.00	0.11	109.58		
103	837	67.21900	130.41496	438864.0	7456490.6	65.1	982413.44	2.77	982437.27	-24.65	9.27	0.00	0.11	109.90		
103	849	67.22107	130.41686	438787.3	7456722.5	66.3	982413.45	2.77	982437.41	-24.27	9.13	0.00	0.11	110.01		
103	861	67.22310	130.41881	438708.4	7456951.1	68.9	982413.03	2.77	982437.54	-23.48	8.83	0.00	0.11	109.95		
103	873	67.22513	130.42069	438632.0	7457178.7	67.1	982413.27	2.77	982437.67	-24.04	9.04	0.00	0.11	109.71		
103	885	67.22718	130.42247	438560.7	7457408.8	66.9	982413.31	2.77	982437.80	-24.10	9.06	0.00	0.11	109.58		
103	897	67.22921	130.42436	438484.2	7457637.6	65.9	982413.75	2.77	982437.94	-24.41	9.18	0.00	0.11	109.70		
103	909	67.23126	130.42624	438408.1	7457867.7	64.8	982414.26	2.77	982438.07	-24.76	9.31	0.00	0.11	109.86		
103	921	67.23334	130.42803	438336.3	7458100.7	64.2	982414.60	2.77	982438.20	-24.92	9.37	0.00	0.12	109.96		
103	933	67.23539	130.42986	438262.4	7458331.8	66.7	982414.18	2.77	982438.34	-24.16	9.09	0.00	0.12	109.89		
103	945	67.23745	130.43165	438190.4	7458563.3	64.6	982414.96	2.77	982438.47	-24.82	9.33	0.00	0.12	110.13		
103	957	67.23948	130.43363	438110.2	7458790.6	63.7	982415.05	2.77	982438.60	-25.08	9.43	0.00	0.12	109.92		
103	969	67.24153	130.43533	438042.1	7459021.8	65.3	982414.94	2.77	982438.73	-24.61	9.26	0.00	0.12	109.97		
103	981	67.24358	130.43720	437966.6	7459252.0	64.3	982415.31	2.77	982438.87	-24.89	9.36	0.00	0.12	110.04		
103	993	67.24561	130.43918	437886.4	7459479.7	61.3	982416.11	2.77	982439.00	-25.82	9.71	0.00	0.13	110.13		
103	1005	67.24767	130.44097	437814.8	7459711.1	61.2	982416.28	2.77	982439.13	-25.87	9.73	0.00	0.13	110.14		
103	1017	67.24973	130.44276	437742.7	7459942.6	61.3	982416.48	2.77	982439.26	-25.83	9.72	0.00	0.13	110.23		

Excel Geophysics Inc.

High River, Alberta

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KODIAK PETROLEUM ULC
LITTLE CHICAGO BOUGUER GRAVITY - VARIABLE DENSITY

Line	Station	Latitude (N) NAD 83 (decimal degrees)	Longitude (W) NAD 83 (decimal degrees)	UTMx UTMy UTM Zone 9 NAD 83 (metres)		Elevation (metres) (above sea level)	Observed Gravity (mGal)	Station Density (g/cm³)	Corrections					Bouguer Anomaly Variable Density + 149 (mGal)
									Latitude	Free Air	Bouguer variable density	Inner Terrain (2m-175m)	Outer Terrain (175m-40km)	
103	1029	67.25177	130.44474	437662.6	7460171.7	61.1	982416.58	2.77	982439.40	-25.88	9.73	0.00	0.14	110.17
103	1041	67.25383	130.44659	437588.2	7460403.2	56.1	982417.81	2.77	982439.53	-27.42	10.31	0.00	0.14	110.31
103	1053	67.25587	130.44842	437514.3	7460632.6	57.8	982417.36	2.77	982439.66	-26.91	10.12	0.00	0.14	110.06
103	1065	67.25791	130.45032	437437.6	7460862.3	55.9	982418.00	2.77	982439.79	-27.49	10.34	0.00	0.15	110.21
103	1077	67.25996	130.45223	437360.6	7461092.8	53.0	982418.73	2.77	982439.93	-28.39	10.68	0.01	0.15	110.26
103	1086	67.26151	130.45365	437303.6	7461266.4	51.6	982419.01	2.77	982440.03	-28.84	10.85	0.00	0.16	110.15