

GL01995

COMPUTATION SHEET

Zone D
ON 14
TERRAIN

AREA CO 1840, Nevada

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS	1880 1910 1920 1930 1940 1950 1960 1970 1980 1990 2000
1	1999.39 ^{mgal}	40°12'59" _{12.98}	118°28'30" _{28.50}	3994.5	.026	1039.78 ^{mgal}		1039.81
2	1997.16	40°12'59" _{12.98}	118°28'13" _{28.22}	3997.4	026	1037.74		1037.71
3	1995.53	40.1259 _{12.98}	118.2752 _{27.81}	3993.6	026	1035.87		1035.9
4	1994.50	40.1259 _{12.98}	118.2734 _{27.57}	3990.7	026	1034.67		1034.65
5	1994.04 ^{3.98}	40.1259 _{12.98}	118.2722 _{27.37}	3991.4	022	1034.22		1034.2
6	1993.51	40.1259 _{12.98}	118.2706 _{27.10}	3991.9	022	1033.75		1033.71
7	1993.16	40.1259 _{12.98}	118.2651 _{26.85}	3995.7	022	1033.63		1033.6
8	1993.47	40.1259 _{12.98}	118.2633 _{26.43}	3995.2	022	1033.81		1033.9
9	1993.879	40.1259 _{12.98}	118.2618 _{26.30}	3997.2	022	1034.43		1034.4
10	1994.43	40.1300 _{13.00}	118.2602 _{26.03}	3997.3	092	1034.39		1034.4
11	1994.781	40.1301 _{13.02}	118.2545 _{25.25}	3996.3	092	1034.63		1034.7
12	1996.31	40.1301 _{13.02}	118.2527 _{25.15}	3990.7	092	1035.85		1035.94
13	1997.34 ⁴²	40.1256 _{12.93}	118.2514 _{25.33}	3997.9	.295	1037.98		1038.25
14	1998.89 ³⁶	40.1241 _{12.68}	118.2450 _{24.83}	4022.4	.385	1041.22		1041.61
15	2001.21 ^{3.89}	40.1240 _{12.67}	118.2433 _{24.53}	4018.1	.362	1043.30		1043.64
16	2000.20	40.1241 _{12.68}	118.2413 _{24.17}	4051.7	.462	1044.29		1044.75
17	1997.51	40.1243 _{12.72}	118.2358 _{23.27}	4112.3	.427	1045.21		1045.64
18	1996.176	40.1245 _{12.75}	118.2339 _{23.65}	4161.4	.575	1046.78		1047.36
19	1998.00	40.1247 _{12.78}	118.2321 _{23.35}	4176.6	.697	1049.49		1050.19
20	1997.87	40.1254 _{12.90}	118.2314 _{23.23}	4183.8	.904	1049.69		1050.59
21	2003.62	40.1307 _{13.12}	118.2306 _{23.10}	4091.2	.908	1049.10		1050.01
22	2002.93	40.1317 _{13.28}	118.2300 _{23.00}	4091.0	.908	1048.25		1049.16
23	2001.63	40.1330 _{13.50}	118.2254 _{22.90}	4099.5	.908	1047.27		1048.11

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STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
24	2000.73	40.1342 ^{13.70}	118.2248 ^{22.80}	4106.1	906	1046.59	1047.49
25	2000.57	40.1354 ^{13.90}	118.2241 ^{22.68}	4110.3	647	1046.50	1047.15
26	2000.07	40.1404 ^{14.07}	118.2236 ^{22.60}	4118.6	647	1045.76	1046.41
27	1999.28	40.1415 ^{14.25}	118.2231 ^{22.52}	4132.5	647	1045.64	1046.29
28	1998.542	40.1425 ^{14.42}	118.2225 ^{22.42}	4146.2	647	1045.57	1046.22
29	1998.284	40.1432 ^{14.53}	118.2222 ^{22.37}	4151.2	647	1045.45	1046.10
30	1999.12	40.1433 ^{14.55}	118.2238 ^{22.63}	4119.9	647	1044.45	1045.10
31	1999.624	40.1433 ^{14.55}	118.2252 ^{22.87}	4094.4	647	1043.43	1044.09
32	1998.26	40.1444 ^{14.73}	118.2215 ^{22.25}	4157.5	536	1045.69	1046.23
33	1999.28	40.1456 ^{14.93}	118.2209 ^{22.15}	4158.5	536	1046.51	1047.05
34	2000.26	40.1506 ^{15.10}	118.2204 ^{22.07}	4161.6	536	1047.01	1047.55
35	2001.80	40.1517 ^{15.28}	118.2158 ^{21.97}	4173.2	536	1049.09	1049.62
36	2002.62	40.1527 ^{15.45}	118.2154 ^{21.90}	4185.9	536	1050.52	1051.06
37	2003.79	40.1536 ^{15.60}	118.2149 ^{21.82}	4190.4	536	1051.82	1052.36
38	2004.60	40.1546 ^{15.77}	118.2145 ^{21.75}	4206.5	536	1053.45	1053.99
39	2004.08	40.1601 ^{16.02}	118.2139 ^{21.65}	4230.6	536	1053.56	1054.10
40	2004.60	40.1610 ^{16.17}	118.2135 ^{21.58}	4231.3	722	1053.99	1054.71
41	2004.40	40.1619 ^{16.32}	118.2131 ^{21.52}	4242.2	722	1054.31	1055.03
42	2002.96	40.1632 ^{16.53}	118.2126 ^{21.43}	4262.4	722	1053.89	1054.61
43	1999.96	40.1646 ^{16.77}	118.2120 ^{21.33}	4309.7	722	1053.52	1054.24
44	2001.72 ⁸⁵	40.1655 ^{16.92}	118.2108 ^{21.13}	4291.0	722	1054.22	1054.94
45	2005.61	40.1705 ^{17.08}	118.2056 ^{20.93}	4246.1	706	1054.48	1055.19
46	2005.90 ²³	40.1711 ^{17.18}	118.2047 ^{20.78}	4238.3	706	1054.21	1054.9

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
47	2007.26	40.1720 ³²	118.2035 ⁵⁸	4217.6	706	1054.20	1054.91
48	2006.08	40.1729 ⁴⁸	118.2024 ⁴⁰	4233.4	706	1053.75	1054.46
49	2006.77	40.1736 ⁶⁰	118.2023 ³⁸	4216.7	706	1053.42	1054.13
50	2007.67	40.1743 ⁷²	118.2015 ²⁵	4241.4	591	1052.69	1053.28
51	2003.37	40.1750 ⁸³	118.1958 ⁷⁷	4267.0	591	1052.77	1053.36
52	2002.35	40.1756 ⁹³	118.1949 ⁸²	4274.0	591	1052.14	52.73
53	1999.84	40.1804 ⁰⁷	118.1937 ⁶²	4274.4	591	1048.94	49.53
54	1996.28	40.1814 ²³	118.1925 ⁴²	4283.9	591	1045.80	46.39
55	1995.23	40.1822 ³⁷	118.1914 ²³	4279.7	446	1044.38	44.83
56	1994.73	40.1831 ⁵²	118.1902 ⁰³	4268.5	446	1043.07	43.52
57	1994.39	40.1839 ⁶⁵	118.1852 ⁸⁷	4260.5	446	1042.13	42.58
58	1994.19	40.1848 ⁸⁰	118.1840 ⁶⁷	4248.2	446	1041.06	41.51
59	1993.80	40.1856 ⁹³	118.1828 ⁴⁷	4239.4	446	1040.03	40.75
60	1994.17	40.1904 ⁰⁷	118.1818 ³⁰	4234.6	446	1039.40	39.85
61	1994.19	40.1913 ²²	118.1806 ¹⁰	4232.6	446	1039.16	39.61
62	1993.34	40.1923 ³⁸	118.1754 ⁹⁰	4235.0	446	1038.31	38.76
63	1992.58	40.1931 ⁵²	118.1743 ⁷²	4239.7	446	1037.71	38.16
64	1991.96	40.1939 ⁶⁵	118.1732 ⁵³	4250.1	446	1037.60	38.05
65	1991.28 ⁸	40.1947 ⁷⁸	118.1722 ³⁷	4258.3	446	1037.28	37.73
66	1990.88	40.1953 ⁸⁸	118.1729 ⁴⁸	4249.9	446	1036.30	36.75
67	1991.22	40.1956 ⁹³	118.1742 ⁷⁰	4235.0	446	1035.70	36.15
68	1992.62	40.1959 ⁹⁸	118.1756 ⁹³	4215.9	446	1035.91	36.36
69	1994.84	40.2002 ⁰³	118.1810 ¹⁷	4200.6	446	1036.57	1034.02

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
70	1996.43	40.2006 ¹⁰	118.1827 ⁴⁵	4183.0	446	1037.05	1037.50
71	1997.67	40.2009 ¹⁵	118.1841 ⁶⁸	4169.6	446	1037.44	37.89
72	1999.93	40.2010 ¹⁷	118.1857 ⁹⁵	4151.1	446	1038.58	39.03
73	2000.54	40.2004 ⁰⁷	118.1909 ¹⁵	4142.7	446	1038.77	39.22
74	1999.10	40.2005 ⁰⁸	118.1925 ⁴²	4153.9	446	1037.99	38.44
75	2000.16	40.1312 ²⁰	118.2831 ⁵²	3997.9	019	1039.97	1039.77 39.99
76	1999.93	40.1325 ⁴²	118.2831 ⁵²	4000.2	019	1039.69	1039.69 39.89
77	2001.80	40.1338 ⁶³	118.2831 ⁵²	4000.2	019	1041.37	1041.37 41.39
78	2002.71	40.1351 ⁵⁵	118.2831 ⁵²	4000.0 3997.0	019	1042.07	1042.07 42.09
79	1999.836	40.1352 ⁸⁷	118.2814 ²³	4001.9	019	1039.29	1039.29 39.31
80	1997.564	40.1352 ⁸⁷	118.2758 ⁹⁷	4001.9	019	1037.02	1037.02 37.04
81	1995.85	40.1352 ⁸⁷	118.2742 ⁷⁰	4000.9	019	1035.25	1035.25 35.27
82	1994.356	40.1353 ⁸⁸	118.2723 ³⁸	4002.7	019	1033.84	1033.84 33.86
83	1993.62	40.1353 ⁸⁸	118.2706 ¹⁰	4002.4	019	1033.10	1033.10 33.12
84	1993.13	40.1353 ⁸⁸	118.2657 ⁵⁵	4002.3	019	1032.60	1032.60 32.62
85	1992.74	40.1353 ⁸⁸	118.2635 ⁵⁸	4002.5	019	1032.02	1032.02 32.04
86	1992.162	40.1354 ⁹⁰	118.2614 ²³	4005.2	019	1031.79	1031.79 31.81
87	1992.54 ⁶²	40.1340 ⁶⁷	118.2614 ²³	4002.6	019	1032.22	1032.22 32.24
88	1992.93	40.1327 ⁴⁵	118.2613 ²²	4001.8	019	1032.75	1032.75 32.77
89	1993.55	40.1315 ²⁵	118.2613 ²²	3999.24	019	1033.20	1033.20 33.22
90	1993.84	40.1312 ²⁰	118.2723 ³⁸	3999.8	019	1033.47	1033.47 33.49
91	1993.98	40.1325 ⁴²	118.2723 ³⁸	3997.5	019	1033.58	1033.58 33.60
92	1993.96	40.1339 ⁶⁵	118.2723 ³⁸	4001.1	019	1033.56	1033.56 33.58

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93	2003.55 ⁵⁵	40.1404 ⁸⁷	118.2831 ⁵²	4000.2	.019	1042.14	1042.14
94	2003.64 ⁹	40.1418 ³⁰	118.2832 ⁵³	3994.8	026	1041.70	1041.73
95	2003.35 ⁴¹	40.1430 ⁵⁰	118.2827 ⁴⁵	3996.4	026	1041.32	41.35
96	2003.54	40.1442 ⁷⁰	118.2826 ⁴³	3994.3	031	1041.21	41.24
97	2003.69	40.1454 ⁹⁰	118.2826 ⁴³	3996.4	106	1041.31	41.42
98	2004.13 ²	40.1509 ¹⁵	118.2826 ⁴³	3998.4	109	1041.05	41.16
99	2008.96	40.1725 ⁴²	118.2048 ⁵⁰	4184.2 4184.6	706	1053.82	54.53
100	2007.28 ¹⁶	40.1735 ⁵⁸	118.2059 ³⁸	4151.7	706	1050.04	50.75
101	2004.91 ⁸⁹	40.1747 ⁷⁸	118.2108 ¹³	4134.7 4140.0	439	1046.48	46.92
102	2004.39	40.1754 ⁹⁰	118.2118 ³⁰	4126.3	439	1045.35	45.79
103	2004.03	40.1804 ⁸⁷	118.2130 ⁵⁰	4128.5	428	1044.38	44.81
104	2003.63	40.1813 ²²	118.2141 ⁶⁸	4127.9	428	1043.81	44.24
105	2003.62	40.1822 ³⁷	118.2152 ⁸⁷	4127.7	425	1043.35	43.78
106	2006.27	40.1830 ⁵⁰	118.2202 ⁰³	4081.6	400	1043.42	43.82
107	2006.20	40.1837 ⁶²	118.2208 ¹³	4076.6	378	1042.95	43.33
108	2009.52 ⁴⁸	40.1843 ⁷²	118.2222 ³⁷	4037.1	376	1043.81	41.19
109	2007.15	40.1850 ⁸³	118.2240 ⁶⁷	4079.2	376	1043.86	44.24
110	2004.68 ⁸⁶	40.1854 ⁹⁰	118.2253 ⁸⁸	4118.4	376	1043.88	44.26
111	1997.91 ⁰	40.1431 ⁵⁷	118.2205 ⁰⁸	4192.2	668	1047.61	48.26
112	1997.45 ³	40.1430 ⁵⁰	118.2147 ⁷⁸	4234.1	668	1049.68	50.35
113	1997.15 ⁴	40.1428 ⁴⁷	118.2131 ⁵²	4273.4	668	1051.76	52.43
114	1996.88	40.1422 ³⁷	118.2113 ²²	4325.7	668	1054.72	53.39
115	1995.81	40.1416 ²⁷	118.2060 ^{21.00}	4364.8	668	1056.08	1056.75

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116	1994.12	40.141 ¹⁷ 6	118.204 ⁷² 3	4415.5	7.149	1057.52	1054.67
117	1992.20	40.140 ⁰⁷ 4	118.202 ⁴⁵ 7	4462.2	7.149	1058.49	59.64
118	1989.08	40.135 ⁹⁷ 8	118.201 ¹⁸ 1	4510.7	7.149	1058.96	60.11
119	1987.0 ⁶	40.135 ³⁸ 3	118.195 ⁹⁷ 8	4547.4	7.149	1059.17	60.32
120	1984.00	40.134 ⁷³ 7	118.194 ⁷³ 4	4590.8	7.149	1058.89	60.04
121	1981.16	40.134 ⁷⁰ 2	118.192 ⁴⁵ 7	4628.1	2.687	1058.32	61.01
122	1978.16	40.133 ⁵⁸ 5	118.191 ¹⁷ 0	4675.2	2.687	1058.25	60.94
123	1975.76	40.133 ⁵⁰ 0	118.185 ⁹² 5	4705.0	2.687	1057.71	60.40
124	1974.33 ⁴	40.132 ⁴⁷ 8	118.183 ⁶³ 8	4739.0	2.687	1058.35	61.04
125	1972.36	40.132 ⁴⁰ 4	118.182 ³⁷ 2	4778.0	2.687	1058.77	61.46
126	1970.81	40.132 ³⁵ 1	118.180 ¹⁸ 5	4816.2	1.497	1059.56	59.06
127	1968.44	40.131 ²³ 4	118.175 ⁸³ 0	4851.6	1.497	1059.41	60.91
128	1966.20	40.130 ¹⁵ 9	118.173 ⁵⁸ 5	4884.5	1.497	1059.22	60.72
129	1963.76	40.125 ⁹⁷ 8	118.172 ⁴⁰ 4	4921.6	1.497	1059.76	61.26
130	1959.07	40.125 ⁸³ 0	118.170 ¹² 7	4964.8	1.497	1057.78	59.28
131	1956.30	40.124 ⁷⁰ 2	118.165 ⁹⁵ 7	5009.2	1.497	1057.79	59.29
132	1955.22	40.123 ⁵⁷ 4	118.164 ⁸² 9	5041.6	1.497	1058.77	60.27
133	1954.02	40.122 ⁴³ 6	118.163 ⁶⁵ 9	5071.1	1.497	1059.46	60.96
134	1952.88	40.122 ³³ 0	118.162 ⁴⁷ 8	5096.5	1.497	1059.93	61.43
135	2004.79	40.190 ⁰³ 2	118.230 ¹⁰ 6	4129.9	350	1043.77	44.12
136	2005.07	40.190 ¹⁵ 9	118.231 ³⁰ 8	4141.6	350	1044.65	45.00
137	2003.85	40.185 ⁸⁷ 2	118.231 ²⁵ 5	4122.1	350	1043.10	43.75
138	2002.56	40.184 ⁸⁰ 8	118.232 ⁴⁵ 7	4124.7	350	1042.03	1042.38

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139	2001.74	40.1848 ⁸⁰	118.2341 ⁶⁸	4126.2	350	1041.30	1041.650
140	2000.61	40.1847 ⁷⁸	118.2357 ⁹⁵	4133.6	350	1040.63	40.980
141	2000.51	40.1844 ⁷³	118.2414 ²³	4134.6	350	1040.63	40.98
142	2000.67	40.1844 ⁷³	118.2431 ⁵²	4138.5	350	1041.02	41.37
143	2001.41	40.1845 ⁷⁵	118.2448 ⁸⁰	4144.0	267	1042.08	42.35
144	2001.87	40.1849 ⁸²	118.2504 ⁹⁷	4163.1	267	1043.63	43.90
145	2000.31	40.1849 ⁸²	118.2518 ³⁰	4204.4	267	1044.54	44.81
146	2001.01	40.1848 ⁸⁰	118.2535 ^{25 35 58}	4214.0	267	1045.83	46.10
147	2000.10	40.1847 ⁷⁸	118.2551 ⁸⁵	4240.8	267	1046.54	46.87
148	2000.13	40.1845 ⁷⁵	118.2604 ⁹⁶	4249.6	267	1047.13	47.40
149	1998.77	40.1843 ⁷²	118.2617 ²⁸	4277.0	267	1047.44	47.71
150	1997.22	40.1840 ⁶⁷	118.2635 ⁵⁸	4312.0	350	1048.04	48.39
151	1995.88	40.1839 ⁶⁵	118.2648 ⁸⁰	4350.4		1049.02	49.37
152	1995.81	40.1837 ⁶²	118.2709 ¹⁵	4370.6		1050.19	50.54
153	1994.39	40.1835 ⁵⁸	118.2722 ³⁷	4391.7		1050.06	50.41
154	1992.96	40.1831 ⁵²	118.2738 ⁶⁷	4430.0		1050.99	51.34
155	1991.17	40.1833 ⁵⁵	118.2754 ⁹⁰	4478.5		1052.08	52.43
156	1989.46	40.1834 ⁵⁷	118.2810 ¹⁷	4558.1		1055.12 *	55.47
157	1988.95	40.1837 ⁶²	118.2829 ⁴⁸	4619.6		1058.26	58.61
158	1989.94 ⁸	40.1842 ⁷⁰	118.2841 ⁶⁸	4614.1		1058.84	59.19
159	1992.45	40.1841 ⁶⁸	118.2832 ⁵³	4552.7		1057.69	58.04
160	1993.14	40.1824 ⁴⁰	118.2820 ³³	4499.5		1055.44	55.79
161	1993.47	40.1813 ²²	118.2815 ²⁵	4456.4	350	1053.35	1053.70

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162	1994.26	40.1801 ⁰²	118.2809 ¹⁵	4401.9	347	1050.99	1051.34
163	1995.12	40.1746 ⁷⁷	118.2807 ¹²	4351.4	345	1049.69	50.04
164	1995.44	40.1733 ⁵⁵	118.2811 ¹⁸	4319.7	340	1048.31	48.65
165	1995.69	40.1722 ³⁷	118.2815 ²⁵	4293.1	333	1047.12	47.45
166	1996.90	40.1712 ²⁰	118.2819 ³²	4253.0	333	1046.08	46.41
167	1998.57	40.1701 ⁰²	118.2818 ³⁰	4206.6	328	1045.13	45.46
168	2000.78	40.1648 ⁸⁰	118.2815 ²⁵	4159.7	328	1045.31	45.64
169	2002.66	40.1639 ⁶⁵	118.2814 ²³	4124.8	323	1045.23	45.62
170	2004.42 ⁴	40.1625 ⁴²	118.2815 ²⁵	4078.1	356	1044.40	44.76
171	2005.66	40.1614 ²³	118.2819 ³²	4046.2	310	1043.89	44.20
172	2006.27 ⁸	40.1559 ⁹⁸	118.2833 ⁵⁵	4027.9	206	1044.22	44.43
173	2006.15	40.1546 ⁷⁷	118.2830 ⁵⁰	4011.5	106	1043.31	43.42
174	2006.07	40.1534 ⁵⁷	118.2830 ⁵⁰	4002.7	106	1042.88	42.99
175	2005.24	40.1520 ⁵⁵	118.2829 ⁴⁸	4000.6	304	1042.13	42.43
176	2005.17	40.1607 ¹²	118.2818 ³⁰	4037.1	230	1042.96	43.19
177	2003.54 ⁶⁰	40.1612 ²⁰	118.2803 ¹⁵	4051.9	230	1042.14	42.37
178	2002.11	40.1618 ³⁰	118.2746 ⁷⁷	4060.3	230	1041.13	41.36
179	2000.54	40.1623 ³⁸	118.2732 ⁵³	4071.0	230	1040.13	40.36
180	1999.64	40.1628 ⁴⁷	118.2719 ³²	4071.0	230	1039.15	39.38
181	1999.52	40.1634 ⁵⁷	118.2704 ¹⁷	4062.3	230	1038.42	38.65
182	1999.75	40.1638 ⁶³	118.2650 ⁸³	4048.7	230	1037.78	38.01
183	2000.03	40.1645 ⁷⁵	118.2653 ⁸⁸	4034.5	230	1037.10	37.33
184	1999.83	40.1649 ⁸²	118.2620 ³⁵	4028.0	230	1036.45	1036.68

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
185	1999.52	40.165 ⁹⁰ 4	118.260 ¹⁰ 6	4024.9	211	1035.88	1036.09
186	1998.68	40.170 ⁰⁰ 0	118.254 ⁸² 9	4027.3	211	1034.50	34.71
187	1998.37	40.170 ⁰⁸ 5	118.253 ⁵⁷ 4	4030.9	211	1034.33	34.54
188	1997.48	40.171 ¹⁷ 0	118.252 ³⁵ 1	4041.2	211	1033.99	34.20
189	1997.19	40.171 ²⁵ 5	118.250 ¹² 7	4045.9	211	1033.91	34.12
190	1996.37	40.171 ³² 9	118.245 ⁹³ 6	4056.9	214	1033.69	33.90
191	1995.46	40.172 ⁴⁰ 4	118.244 ⁷² 3	4071.5	214	1033.58	33.79
192	1995.60	40.172 ⁴⁷ 8	118.243 ⁵³ 2	4071.2	214	1033.64	33.85
193	1996.05	40.173 ⁵³ 2	118.242 ³⁵ 1	4070.4	214	1033.98	34.19
194	2002.92	40.151 ²⁷ 6	118.281 ²⁵ 5	3999.2	230	1039.79	40.02
195	2000.90	40.151 ²⁷ 6	118.275 ⁹⁵ 7	3996.5	230	1037.60	37.83
196	1998.80	40.151 ²⁷ 6	118.274 ⁶⁷ 0	3999.5	230	1035.68	35.91
197	1997.05	40.151 ²⁷ 6	118.272 ⁴⁰ 4	4000.5	230	1033.99	34.22
198	1995.85	40.151 ²⁷ 6	118.270 ¹³ 8	4000.9	230	1032.82	33.05
199	1994.55	40.151 ²⁷ 6	118.265 ⁸³ 0	4001.9	230	1031.58	31.81
200	1993.27	40.151 ²⁸ 7	118.263 ⁵⁵ 3	4003.6	102	1030.39	30.49
201	1993.15	40.151 ²⁸ 7	118.262 ³⁸ 3	4006.2	102	1030.72	30.52
202	1993.59	40.150 ¹⁵ 9	118.263 ⁵⁵ 3	4004.0	102	1030.85	30.95
203	1993.94	40.150 ⁰⁰ 0	118.264 ⁷⁷ 6	4003.6	102	1031.31	31.41
204	1997.40	40.145 ⁵⁶ 2	118.265 ²⁵ 7	4001.8	102	1032.37	32.47
205	1994.35	40.144 ⁷² 3	118.270 ⁰³ 2	4003.0	102	1032.53	32.63
206	1994.61	40.143 ⁵² 1	118.270 ¹² 7	3998.6	102	1032.70	32.80
207	1994.63	40.142 ⁴² 5	118.271 ¹⁸ 1	3999.3	102	1032.85	1032.95

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
208	1993.66	40.14 ⁴³ 26	118.26 ⁸⁸ 53	4002.6	102	1032.06	1032.16
209	1993.21	40.14 ⁴² 25	118.26 ⁶² 37	4000.8	102	1031.52	31.52
210	1992.88 ⁶	40.14 ⁴³ 26	118.26 ²⁵ 15	3999.8	102	1031.12	31.22
211	1992.47	40.14 ²⁰ 12	118.26 ²⁵ 15	4001.8	102	1031.03	31.13
212	1992.45	40.14 ⁰³ 02	118.26 ¹³ 14	4001.5	122	1031.14	31.24
213	1992.63	40.14 ⁵⁸ 35	118.26 ⁰³ 02	4002.6		1030.90	31.02
214	1992.35	40.14 ^{1446.17} 46	118.25 ⁹² 55	4005.7		1030.64	30.74
215	1992.62	40.14 ⁹⁷ 58	118.25 ⁸⁵ 51	4004.8		1030.68	30.80
216	1992.46	40.15 ¹⁵ 09	118.25 ⁷⁵ 45	4008.7		1030.00	30.12
217	1992.56	40.15 ³⁵ 21	118.25 ⁶³ 38	4011.0		1030.06	30.18
218	1992.88 ⁵	40.15 ⁶³ 38	118.25 ³⁸ 23	4012.4		1030.21	30.33
219	1992.95	40.15 ⁸⁰ 48	118.25 ²⁸ 17	4015.4		1030.31	30.43
220	1993.16	40.16 ⁰⁵ 03	118.25 ¹⁵ 09	4020.3		1030.00	30.12
221	1993.74	40.16 ²³ 14	118.25 ⁰⁰ 00	4020.4		1030.42	30.54
222	1994.13	40.16 ⁴² 25	118.24 ⁹⁰ 54	4024.1		1030.87	30.99
223	1994.86 ⁹⁰	40.16 ⁶³ 38	118.24 ⁷⁸ 47	4024.1		1031.41	31.53
224	1995.37	40.16 ⁸² 49	118.24 ⁶⁵ 39	4027.6		1031.97	32.09
225	1994.80	40.16 ^{17.00} 60	118.24 ⁴⁵ 27	4050.8		1032.63	32.75
226	1994.68	40.17 ¹⁷ 10	118.24 ²⁵ 15	4065.5		1032.64	32.74
227	1995.23	40.17 ³² 19	118.24 ¹⁸ 11	4066.4		1033.12	33.24
228	1998.51	40.17 ³⁸ 23	118.23 ⁹² 55	4035.2		1034.77	34.59
229	1999.20	40.17 ⁴⁸ 29	118.23 ⁷⁰ 42	4041.1		1035.42	35.54
230	1995.44	40.16 ⁸⁵ 51	118.24 ⁹⁰ 54	4028.3	122	1032.05	1032.17

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
231	1996.00	40.1704 ⁰⁷	118.2457 ²⁵	4039.5	214	1032.49	1032.70
232	1997.08	40.1731 ⁵²	118.2456 ⁹³	4067.8	214	1034.87	35.08
233	1998.03	40.1743 ¹²	118.2455 ⁹²	4073.2	217	1035.97	36.19
234	1999.07	40.1755 ⁹²	118.2454 ⁹⁰	4081.5	227	1037.33	37.56
235	1999.79	40.1806 ¹⁶	118.2454 ⁹⁰	4094.0	233	1037.99	38.22
236	2000.43	40.1819 ³²	118.2453 ⁸⁸	4106.7	244	1039.25	39.49
237	2000.81	40.1830 ⁵⁰	118.2451 ⁸⁵	4119.3	267	1040.22	40.49
238	2000.47	40.1732 ⁵³	118.2325 ⁴²	4039.9	122	1036.57	36.69
239	1999.63 ⁷	40.1743 ²²	118.2316 ²⁷	4073.7	134	1037.60	37.73
240	2000.16	40.1749 ⁸²	118.2304 ⁰⁷	4082.6	174	1038.57	38.74
241	2004.73	40.1759 ⁹⁸	118.2255 ⁹²	4038.1	177	1040.33	40.51
242	2005.86	40.1812 ¹⁰	118.2251 ⁸⁵	4040.0	217	1040.78	41.00
243	2006.96	40.1823 ³⁵	118.2242 ⁹⁰	4044.8	298	1042.01	42.31
244	2008.08	40.1834 ⁵⁷	118.2235 ⁵⁸	4042.4	364	1042.82	43.18
245	2002.12	40.1611 ¹⁸	118.2747 ⁷⁸	4046.3	206	1040.40	40.61
246	2001.05	40.1608 ¹³	118.2735 ⁵⁸	4038.3	200	1038.90	39.10
247	1999.68	40.1605 ⁰⁸	118.2719 ⁵²	4031.3	194	1037.15	37.34
248	1998.51	40.1605 ⁰⁸	118.2702 ⁰³	4020.0	182	1035.30	35.48
249	1997.28	40.1605 ¹⁸	118.2645 ⁷⁵	4014.6	182	1033.75	33.93
250	1996.06	40.1604 ⁰⁷	118.2629 ⁴⁸	4011.4	163	1032.35	32.51
251	1994.71	40.1602 ¹⁵	118.2613 ²²	4011.3	154	1031.03	31.18
252	1993.74	40.1554 ⁹⁰	118.2602 ⁰³	4010.7	143	1030.73	30.87
253	1992.68	40.1549 ⁸²	118.2551 ⁹⁵	4018.5	134	1030.21	30.34

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
254	1992.62	40.1545 ⁷⁵	118.2538 ⁶³	4016.1	122	1030.07	1030.19
255	1999.45	40.1440 ⁶⁷	118.2315 ²⁵	4061.1	633	1041.14	41.79
254	1997.95 ¹	40.1444 ⁷³	118.2332 ⁵³	4043.6	630	1038.55	39.18
257	1998.01	40.1455 ⁹²	118.2323 ³⁸	4051.7	630	1038.93	39.56
258	1998.31 ²⁵	40.1507 ¹²	118.2312 ²⁰	4058.7	630	1038.88	39.51
259	1999.51	40.1519 ³²	118.2302 ⁰³	4057.7	630	1039.84	40.47
260	2000.17	40.1527 ⁴⁵	118.2255 ⁹²	4062.6	627	1040.67	41.30
261	2001.53	40.1538 ⁶³	118.2245 ⁷⁵	4068.6	627	1042.23	42.86
262	2003.27	40.1546 ⁷⁷	118.2238 ⁶³	4066.6	620	1043.73	44.35
263	2006.44	40.1558 ⁹⁷	118.2227 ⁴⁵	4069.4	620	1046.89	47.51
264	2008.09	40.1612 ²⁰	118.2218 ³⁰	4086.1	603	1048.73	49.33
265	2008.35 ²⁷	40.1623 ³⁸	118.2215 ²⁵	4086.6	603	1048.87	49.47
266	2009.37	40.1623 ³⁸	118.2207 ¹²	4082.1	592	1050.04	50.63
267	2009.15	40.1642 ⁷⁰	118.2200 ⁰⁰	4097.9	592	1050.07	50.66
268	2009.70	40.1651 ⁸⁵	118.2152 ⁸⁷	4101.6	439	1050.70	51.19
269	2007.64 ⁰	40.1644 ⁷³	118.2140 ⁶⁷	4175.5	439	1053.18	53.62
270	2009.86 ⁹	40.1655 ⁹²	118.2133 ⁵⁵	4212.7	439	1052.47	52.91
271	2004.92	40.1705 ⁰⁸	118.2127 ⁴⁵	4197.0	439	1050.84	51.28
272	2006.47	40.1716 ²⁷	118.2120 ³³	4161.6	439	1050.11	50.55
273	2006.58	40.1727 ⁴⁵	118.2113 ²²	4148.5	439	1049.27	49.71
274	2004.12	40.1711 ¹⁸	118.2031 ⁵²	4274.7	706	1054.61	55.32
275	2000.23	40.1707 ¹²	118.2017 ²⁸	4343.4	733	1054.90	55.63
276	1995.00	40.1700 ⁰⁰	118.2005 ¹⁸	4424.4	737	1054.63	1055.37

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
277 ✓	1993.49	40.1657 ⁹⁵	118.1949 ⁸²	4456.3	815	1055.67	1056.49
278 ✓	1989.69 ¹⁰	40.1650 ⁸⁰	118.1933 ⁵⁵	4530.4	815	1055.82	56.64
279 ✓	1982.59	40.1646 ⁷⁷	118.1911 ¹⁸	4633.2	815	1055.55	56.37
280 ✓	1983.64	40.1646 ⁷⁷	118.1858 ⁹⁷	4610.1	815	1055.21	56.03
281 ✓	1984.11	40.1644 ⁷³	118.1844 ⁷³	4596.6	833	1054.90	55.73
282 ✓	1982.58	40.1635 ⁵⁸	118.1840 ⁶⁷	4622.7	914	1055.07	55.98
283 ✓	1981.32	40.1627 ⁴⁵	118.1829 ⁴⁸	4643.4	1.130	1055.17	56.30
284 ✓	1978.37	40.1616 ²⁷ 1735	118.1817 ²⁸	4693.3	1.130	1055.37	56.30
285 ✓	1976.18	40.1606 ¹⁰	118.1807 ¹²	4727.1	1.147	1055.36	56.51
286 ✓	1973.47	40.1555 ⁹²	118.1756 ⁹³	4770.9	1.147	1056.03	57.18
287 ✓	1970.89	40.1543 ⁷²	118.1751 ⁸⁵	4815.6	1.147	1056.27	57.42
288 ✓	1968.96	40.1536 ⁶⁰ 1547	118.1745 ⁷⁵	4842.9	1.147	1056.12	57.27
289 ✓	1997.01	40.1433 ⁵⁵	118.2112 ²⁰	4322.2	668	1054.48	55.15
290 ✓	1997.76	40.1447 ⁷⁸	118.2110 ¹⁷	4332.0	668	1055.61	56.28
291 ✓	1970.47	40.1330 ⁵⁰	118.1809 ¹⁵	4825.1	1.497	1059.62	60.12
292 ✓	1966.73	40.1341 ⁶⁸	118.1807 ⁹⁷	4887.4	1.497	1059.45	60.95
293 ✓	1961.74	40.1353 ⁸⁸ 1350	118.1810 ¹⁷	4973.9	1.497	1059.47	60.97
294 ✓	1951.40	40.1406 ¹⁰	118.1819 ³²	5144.3	1.497	1058.54	60.06
295 ✓	1944.00	40.1410 ²⁷	118.1822 ³⁷	5263.3	1.497	1058.15	59.65
296 ✓	1964.23	40.1348 ⁸⁰	118.1759 ⁹⁸	4930.6	1.497	1059.44	60.94
297 ✓	1960.20	40.1351 ⁸⁵	118.1745 ⁷⁵	5000.2	1.497	1059.54	61.04
298 ✓	1957.66	40.1356 ⁹³	118.1733 ⁵⁵	5053.6	1.497	1060.12	61.62
299 ✓	1952.95	40.1353 ⁸⁸	118.1717 ²⁴	5126.5	1.497	1059.83	61.23

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
300	1954.21	40.1342 ⁷²	118.1709 ¹⁵	5060.0	1.497	1059.27	1060.77
301	1959.84	40.1328 ⁴⁷	118.1712 ²⁰	4994.9	1.497	1059.20	60.70
302	1960.39	40.1318 ³⁰	118.1716 ²⁷	4965.7	1.497	1058.15	59.65
303	1962.55	40.1306 ¹⁰	118.1719 ³²	4924.5	1.497	1058.01	59.51
304	1983.35	40.1337 ⁴²	118.1955 ⁹²	4611.0	1.149	1059.56	60.71
305	1980.49	40.1326 ⁴³	118.1959 ⁹⁸	4657.5	1.149	1059.65	60.80
306	1977.44	40.1315 ²⁵	118.2002 ⁰³	4710.7	1.149	1059.95	61.10
307	1973.78 ²	40.1302 ⁰³	118.1958 ⁹⁷	4773.9	1.149	1060.27	61.42
308	1969.95	40.1259 ⁹⁰	118.1955 ⁹²	4833.1	1.149	1060.71	61.84
309	1966.02	40.1246 ⁷⁷	118.1950 ⁸³	4893.7	1.149	1060.53	61.68
310	2004.96	40.1917 ²⁸	118.2332 ⁵³	4155.3	350	1045.24	45.59
311	2004.38	40.1924 ⁴⁰	118.2346 ⁷⁷	4170.0	350	1045.44	45.75
312	2003.23	40.1932 ⁵³	118.2359 ⁹⁸	4191.7	350	1045.47	45.82
313	2001.44	40.1940 ⁴⁷	118.2412 ²⁰	4219.4	350	1045.22	45.55
314	1999.05	40.1949 ⁸²	118.2426 ⁴³	4258.4	350	1045.04	45.39
315	2000.50	40.1958 ⁹⁷	118.2414 ²³	4257.1	350	1046.28	46.62
316	2001.85	40.2007 ¹²	118.2403 ⁰⁵	4263.2	370	1047.26	47.62
317	2003.91	40.2017 ²⁸	118.2351 ⁸⁵	4270.3	370	1049.60	49.97
318	2006.90	40.2027 ⁴⁵	118.2339 ⁶⁵	4270.1	380	1052.53	52.95
319	2007.46 ⁰	40.2036 ⁶⁰	118.2329 ⁴⁸	4279.2	380	1053.40	53.78
320	2007.4203	40.2038 ⁶³	118.2317 ²⁸	4272.0	370	1052.39	52.76
321	2007.62 1907.89	40.2035 ⁵⁵	118.2304 ⁰⁷	4249.4	360	1051.83	52.19
322	2009.32 2007.77	40.2029 ⁴⁸	118.2248 ⁸⁰	4209.9	350	1051.21	1051.56

COMPUTATION SHEET

AREA

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
323	2009. 53 10	40. 2028 ⁴⁷	118. 2232 ⁵³	4182.1 4175.7	350	1049.34	1049.7
324	2006. 51 10 ⁰⁸	40. 2028 ⁴⁷	118. 2217 ²⁸	4175.7 4173.4	350	1045.96	46.3
325	2006. 45 17	40. 2023 ³⁸	118. 2217 ²⁸	4173.4 4173.2	350	1045.96	46.3
326	2008.53	40. 2017 ²⁸	118. 2230 ⁵⁰	4173.2 4173.6	350	1048.40	48.7
327	2009.60 2010.24	40. 2010 ¹⁷	118. 2244 ⁷³	4175.6 4173.5	350	1049.72	50.0
328	2009.44 2010.07	40. 2004 ⁰⁷	118. 2256 ⁹³	4183.3 4174.9	350	1050.11	50.4
329	2008.51 2009.25	40. 1956 ⁹³	118. 2311 ¹⁸	4194.9 4174.2	350	1050.59	50.9
330	2007. 2008.04 92.28 ⁸⁰	40. 1948 ⁸⁰	118. 2327 ⁴⁵	4194.6	350	1049.90	50.2
331	2005.50 2006.04	40. 1941 ⁶⁸	118. 2341 ⁶⁸	4194.5	350	1047.77	48.1
332	1997.68 ⁰	40. 1434 ⁵⁷	118. 2344 ⁷³	4034.3 ⁰	022	1037.88	37.9
333	1997.34	40. 1434 1423 ³⁸	118. 2354 ⁹⁰	4026.2	022	1037.20	37.2
334	1997.04	40. 1411 ¹⁸	118. 2405 ⁰⁸	4019.9	022	1036.70	36.7
335	1996.46	40. 1401 ⁰²	118. 2419 ³²	4013.3	022	1035.88	35.9
336	1995.86	40. 1354 ⁷⁰	118. 2430 ⁵⁸	4009.4	022	1035.74	35.7
337	1994.83	40. 1347 ²⁸	118. 2446 ⁷⁷	4007.7	022	1034.71	34.7
338	1993.98	40. 1341 ⁶⁸	118. 2501 ⁰²	4006.3	022	1033.87	33.8
339	1993.55	40. 1336 ⁶⁰	118. 2518 ³⁰	4003.9	022	1033.37	33.3
340	1993.10	40. 1330 ⁵⁰	118. 2530 ⁵⁰	4005.3	022	1033.09	33.1
341	1993.11	40. 1322 ³⁷	118. 2546 ⁷⁷	4003.4	022	1033.10	33.1
342	1993.45	40. 1313 ²²	118. 2558 ²⁷	4005.7	022	1033.72	33.7
343	1993.76	40. 1305 ¹⁸	118. 2607 ¹²	3999.1	022	1033.75	33.75
344	1994.19	40. 1247 ⁷⁸	118. 2722 ³⁷	3988.9	—	1034.43	34.43
345	1994.37	40. 1242 ⁷²	118. 2722 ³⁷	3988.0	—	1034.61	1034.61

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
344	1994.48	40.1221 ³⁵	118.2721 ³⁵	3988.6		1035.08	1045.08
347	1994.75	40.1209 ¹⁵	118.2721 ³⁵	3987.3		1035.45	35.45
348	1994.88	40.1158 ⁹⁷	118.2720 ³³	3987.3		1036.34	36.34
349	1995.40	40.1147 ⁷⁸	118.2731 ⁵²	3985.7		1036.93	36.93
350	1996.17	40.1137 ⁶²	118.2742 ⁷⁰	3983.7		1037.73	37.73
351	1996.90	40.1126 ⁴³	118.2750 ⁸³	3981.7		1038.50	38.50
352	1997.77	40.1114 ²³	118.2759 ⁹⁸	3979.5		1039.35	39.35
353	1997.17	40.1114 ²³	118.2745 ⁷⁵	3980.0		1038.84	38.84
354	1996.67	40.1114 ²³	118.2729 ⁴⁸	3981.6		1038.44	38.44
355	1997.56	40.1114 ²³	118.2712 ²⁰	3981.6		1039.33	39.33
356	1996.73	40.1114 ²³	118.2652 ⁸⁷	3981.9		1038.52	38.52
357	1996.49	40.1126 ⁴⁵	118.2643 ⁷²	3989.9		1038.28	38.28
358	1996.98	40.1135 ⁵⁸	118.2629 ⁴⁸	3985.4		1038.67	38.67
359	1997.83	40.1142 ⁷⁰	118.2616 ²⁷	3985.7		1039.43	39.43
360	1998.95	40.1149 ⁸²	118.2601 ⁰²	3988.5		1040.62	40.62
361	1999.73	40.1157 ⁹⁵	118.2546 ⁷⁷	3995.2		1041.68	41.68
362	2000.06	40.1206 ¹⁰	118.2537 ⁶²	3998.7		1041.49	41.49
363	2000.48	40.1214 ²³	118.2527 ⁴⁵	4001.4		1041.94	41.94
364	2000.85	40.1224 ⁴⁰	118.2518 ³⁰	4003.4		1042.30	42.30
365	2000.46	40.1235 ⁵⁸	118.2508 ¹³	4006.7		1041.94	41.94
366	2007.74	40.1642 ⁷⁵	118.2207 ¹²	4088.5	592	1048.05	48.64
367	2005.32	40.1642 ⁷⁰	118.2225 ⁴²	4068.4	592	1044.47	45.06
368	2004.37	40.1650 ⁸³	118.2238 ⁶³	4039.4	592	1041.64	1042.25

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
369	2003.02	40.1639 ^{.65}	118.2240 ^{.67}	4056.4	592	1041.49	1041.78
370	2003.91	40.1626 ^{.43}	118.2235 ^{.58}	4065.0	592	1043.09	43.63
371	2005.20	40.1614 ^{.23}	118.2232 ^{.53}	4064.0	592	1044.50	45.09
372	2005.73	40.1744 ^{.73}	118.2047 ^{.78}	4164.6	591	1049.10	49.65
373	2007.45	40.1756 ^{.93}	118.2038 ^{.63}	4168.7	591	1047.92	48.5
374	2003.29	40.1806 ^{.10}	118.2029 ^{.98}	4173.3	591	1046.30	46.8
375	2002.42	40.1817 ^{.28}	118.2020 ^{.33}	4179.4	433	1045.63	46.0
376	2001.62	40.1828 ^{.47}	118.2010 ^{.17}	4189.8	430	1045.29	45.70
377	2000.75	40.1833 ^{.55}	118.2000 ^{.00}	4207.4	427	1045.40	45.8
378	1999.80	40.1839 ^{.65}	118.1948 ^{.80}	4218.7	427	1045.04	45.4
379	1996.80	40.1848 ^{.80}	118.1931 ^{.52}	4232.8	419	1042.75	43.7
380	1995.99	40.1851 ^{.85}	118.1918 ^{.30}	4235.4	419	1042.05	42.4
381	1995.46	40.1846 ^{.77}	118.1908 ^{.13}	4242.5	419	1042.02	42.44
381		40. —	118. —				
382	1998.25	40.1640 ^{.67}	118.2059 ^{.98}	4360.2	814	1054.92	55.75
383	1995.87	40.1630 ^{.50}	118.2053 ^{.88}	4399.6	876	1055.06	55.94
384	1991.34	40.1621 ^{.35}	118.2044 ^{.73}	4480.5	902	1055.51	56.41
385	2000.34	40.1346 ^{.77}	118.2231 ^{.52}	4142.6	647	1048.33	48.98
386	1999.10	40.1340 ^{.67}	118.2215 ^{.25}	4202.2	664	1050.75	51.41
387	1997.36	40.1335 ^{.58}	118.2201 ^{.92}	4265.2	733	1052.86	53.59
388	1996.91	40.1331 ^{.52}	118.2151 ^{.85}	4301.9	804	1054.67	55.41
389	1999.04	40.1241 ^{.68}	118.2308 ^{.10}	4202.6	904	1052.18	53.08
390	1999.03	40.1234 ^{.57}	118.2257 ^{.95}	4232.8	918	1054.38	1055.30

STA NO.	OBS. GRAVITY	LATITUDE	LONGITUDE	ELEVATION	TERRAIN	SIMPLE BOUGUER	MAGNETICS
391	1996.57	40.1229 ^{.48}	118.2241 ^{.68}	4305.7	984	1056.07	1257.01
392	1998.02	40.1220 ^{.33}	118.2252 ^{.87}	4281.3	984	1056.19	52.17
393	1997.95	40.1209 ^{.15}	118.2258 ^{.97}	4289.6	984	1056.78	52.76
394	1998.29	40.1157 ^{.95}	118.2305 ^{.08}	4310.5	984	1059.15	60.13
395	1995.79	40.1147 ^{.78}	118.2305 ^{.08}	4367.0	984	1060.18	61.16
396	1991.79	40.1134 ^{.57}	118.2307 ^{.07}	4444.6	984	1061.03	62.0
397	1999.08	40.1132 ^{.53}	118.2328 ^{.47}	4276.7	816	1058.28	59.16
398	2002.13	40.1137 ^{.62}	118.2343 ^{.72}	4185.7	810	1055.80	56.6
399	2002.70	40.1140 ^{.66}	118.2359 ^{.98}	4136.5	790	1053.37	54.16
400	2002.09	40.1143 ^{.72}	118.2415 ^{.25}	4108.6	683	1051.05	51.73
401	2002.10	40.1147 ^{.78}	118.2427 ^{.45}	4079.8	515	1049.27	49.79
402	2003.74	40.1156 ^{.93}	118.2437 ^{.62}	4020.4	515	1047.21	47.73
403	2000.05	40.1209 ^{.15}	118.2454 ^{.90}	4037.6	515	1043.77	41.29
404	2003.63	40.2027 ^{.45}	118.2205 ^{.08}	4171.3	350	1043.24	43.59
405	2000.98	40.2026 ^{.43}	118.2176 ^{.77}	4163.8		1040.15	40.56
406	1999.85	40.2026 ^{.43}	118.2132 ^{.53}	4162.3		1038.93	39.28
407	1999.53	40.2025 ^{.42}	118.2116 ^{.27}	4159.2		1038.44	38.79
408	2000.03	40.2024 ^{.40}	118.2103 ^{.05}	4151.5		1038.49	38.89
409	1999.94	40.2018 ^{.30}	118.2098 ^{.97}	4152.2		1038.54	38.89
410	2000.27	40.2006 ^{.10}	118.2102 ^{.62}	4147.0		1038.73	39.08
411	2000.46	40.1957 ^{.25}	118.2106 ^{.10}	4142.6		1039.38	39.73
412	2000.62	40.1947 ^{.78}	118.2111 ^{.18}	4140.3		1039.55	39.96
413	1999.77	40.1937 ^{.62}	118.2118 ^{.30}	4152.5	350	1039.58	39.96

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1120	88°35'	90°00'	7.25				
2	K		-	-	-	5.30			3997.16	+
3	F		1312	89°00'	90°00'	5.18			3997.28	
4	B		1367	88°55'	90°00'	4.32				
5	π		-	-	-	5.30			3996.30	
6	F		1370	89°20'	90°00'	10.90			3990.70	
7	B		568	100°45'	90°15'	14.07				
8	F		618	124°15'	90°00'	9.33			3997.92	
9	B	870	1740	122°00'	90°31'	14.13				
10	π		-	-	-	5.35			4022.39	
11	F		1340	95°50'	90°00'	9.68			4018.06	
12										

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		48	31°15'	90°00'	5.62			3994	3994 $\frac{10}{15}$ $\frac{11}{14}$
2	π		-	-	-	5.15			3994.47	+
3	F		1360	89°30'	90°00'	1.98			3997.67	
4	B	745	1590	89°20'	90°00'	6.35				
5	π		-	-	-	5.30			3993.67	
6	F		1364	89°25'	90°00'	8.25			3990.69	
7	B	959	1590	88°50'	90°00'	6.12			30	+
8	π		-	-	-	5.70			3991.41	
9	F		1252	92°35'	90°00'	4.87			3991.94	
10	B		1132	90°20'	90°00'	8.92				
11	K		-	-	-	5.15			3995.71	
12	F		1450	89°45'	90°00'	5.65			3995.21	

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PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
Colorado								3		
ENGINEER		RODMAN		DATE		R.R.				
Stover		Roger		6-8-77						
STATION	π ○	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B	760	1520	84°05'	91°00'	12.30	✓			
2	16	π	-	-	-	5.20			4051.69	
3	17	F	1200	87°25'	87°15'	2.18			4112.28	
4	B	754	1516	82°30'	91°30'	14.70				
5	18	π	-	-	-	5.25			4161.42	
6	19	F	1380	80°55'	89°32'	1.35			4176.56	✓
7	B	920	1840	39°00'	90°00'	12.40				
8	20	π	-	-	-	5.15			4183.81	
9	21	F	1424	29°55'	93°22'	14.12			4091.21	
10	B	1090	2180	22°30'	90°30'	4.90				
11	22	π	-	-	-	5.15			4090.94	
12	23	F	1430	21°30'	89°49'	1.18			4099.51	

ENGINEER'S FIELD DATA

LANTON SURVEYS CO.

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
Colorado								4		
ENGINEER		RODMAN		DATE		R.R.				
Stover		Roger		6-8-77						
STATION	π ○	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B	1300	2600	21°30'	90°00'	11.77				
2	24	π	-	-	-	5.15			4106.13	
3	25	F	1335	21°15'	90°00'	1.03			4110.25	
4	B	1092	2184	22°55'	90°30'	13.44				
5	26	π	-	-	-	5.10			4118.59	
6	27	F	1140	20°40'	89°30'	1.15			4132.49	
7	B	1116	2232	21°00'	90°15'	14.00				
8	28	π	-	-	-	5.15			4146.21	
9	29	F	715	16°55'	89°56'	0.97		+0.30	4151.22	-t-
10	B	1182	2364	272°55'	88°42'	0.78				
11	30	π	-	-	-	5.30			4119.88	
12	31	F	1132	274°00'	90°21'	14.00			4094.39	

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
Colorado								5		
ENGINEER		RODMAN		DATE		R.R.				
Stoover		Roger		6-8-77						
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		680	292°20'	19°05'	0.56				4081.00
2	π		-	-	-	3.40		+0.33	4080.67 4081.00	4081.00 Also BASE 1
3										
4	B		1320	24°15'	90°00'	11.45			4151.52	
5	π		-	-	-	5.45			4151.52	
6	F		1280	22°10'	90°00'	4.50			4158.47	
7	B		1120	21°20'	90°00'	8.40				
8	π		-	-	-	5.30			4161.51	
9	F		1250	21°20'	89°54'	3.08			4173.24	
10	B		995	16°45'	90°14'	14.00				
11	π		-	-	-	5.45			4185.85	
12	F		1020	22°15'	89°53'	8.95			4190.36	

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
Colorado								6		
ENGINEER		RODMAN		DATE		R.R.				
Stoover		Roger		6-8-77						
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1100	18°10'	90°25'	13.93				
2	π		-	-	-	5.15			4206.50	
3	F		797	17°15'	88°58'	7.10				
4	B		700	16°15'	90°19'	13.00				
5	π		-	-	-	5.20			4230.59	
6	F		1018	18°12'	90°00'	4.50			4231.29	
7	B		982	17°20'	90°08'	14.00				
8	π		-	-	-	5.40			4242.17	
9	F		1320	17°18'	89°13'	3.20			4262.42	
10	B	750	1500	17°15'	91°27'	14.75				
11	π		-	-	-	5.40			4309.73	
12	F		1320	45°20'	90°25'	14.50			4291.03	

LANTON SURVEYS CO.

STATION	DISTANCE	AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS	ENGINEER STOVER		PROSPECT Colorado	
									PARITY NO.	UNIT NO.	ROD	DATE 6-8-77
1	1275	46°35'	96°00'	5.75								
2	53	-	-	5.40			4274.38					
3	54	132°	45°10'	89°48'	3.55		4283.91					
4	1185	45°10'	90°00'	1.15								
5	55	-	-	5.90			4279.66					
6	56	1300	45°10'	90°00'	14.25		4268.54					
7	1132	45°10'	89°49'	1.05								
8	57	-	-	5.50			4260.47					
9	58	1300	45°15'	90°04'	14.33		4248.23					
10	1238	45°15'	89°48'	0.98								
11	59	-	-	5.50			4239.39					
12	1117	45°15'	90°00'	10.33			4229.56					

ENGINEERS FIELD DATA

STATION	DISTANCE	AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS	ENGINEER STOVER		PROSPECT Colorado	
									PARITY NO.	UNIT NO.	ROD	DATE 6-8-77
1	1370	44°15'	88°15'	2.32								
2	45	-	-	5.40			4246.11					
3	974	46°00'	90°00'	13.17			4238.39					
4	1280	45°00'	89°16'	0.91								
5	47	-	-	5.35			4217.54					
6	1222	43°45'	89°21'	1.29			4233.37					
7	755	50°10'	88°55'	2.92								
8	49	-	-	5.30			4216.71					
9	970	43°45'	88°33'	5.12			4241.44					
10	1440	63°20'	90°40'	14.20								
11	51	-	-	5.40			4266.99					
12	920	47°35'	89°24'	8.00			4274.03					

ENGINEERS FIELD DATA

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1256	47°45'	90°00'	3.50				
2	61	π	—	—	—	5.50			4232.56	
3	62	F	1340	44°15'	89°50'	7.00			4234.96	
4	B		1172	45°10'	90°00'	10.12				
5	63	π	—	—	—	5.40			4239.68	
6	64	F	1225	45°15'	89°41'	1.77			4250.08	
7	B		1100	41°00'	90°30'	13.55				
8	65	π	—	—	—	5.30			4258.33	
9	66	F	858	320°05'	90°00'	13.70			4249.93	
10	B		1070	285°15'	89°26'	0.98				
11	67	π	—	—	—	5.35			4234.98	
12	68	F	1152	285°25'	90°30'	14.90			4215.87	

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1100	285°30'	89°26'	1.00				
2	69	π	—	—	—	5.40			4200.59	
3	70	F	1375	295°15'	90°21'	14.65			4182.95	
4	B		1122	285°30'	89°32'	1.18				
5	71	π	—	—	—	5.40			4169.59	
6	72	F	1240	278°15'	90°26'	14.50			4151.11	
7	B		1140	236°15'	89°38'	4.00				
8	73	π	—	—	—	5.40			4142.74	
9	T.P.	F	880	296°15'	90°00'	3.56				
10	B		519	234°05'	90°00'	14.63				
11	74	π	—	—	—	5.30			4153.91	
12	TUSC958								4156.16	Area

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
Colorado								11		
ENGINEER		RODMAN		DATE		R.R.				
Stover		Royer								
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	Bm	B	48	31°15'	90°00'	5.62			3994.0	3994
2	1	π	-	-	-	5.00				
3	75	F	1333	358°15'	90°00'	1.60			3997.87	
4		B	1354	358°00'	90°00'	7.63				
5	76	π	-	-	-	5.30			4000.20	
6	77	F	1203	1°45'	90°00'	5.35			4000.15	
7		B	1330	358°40'	90°00'	5.16				
8	78	π	-	-	-	5.35			3999.96	
9	USG B.M. 4000	F	57	293°15'	90°00'	5.19	-0.12		4000.12 4000.00	
10										
11										
12										

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
Colorado								12		
ENGINEER		RODMAN		DATE		R.R.				
Stover		Royer		6-9-77						
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	78	B	1320	89°10'	90°00'	7.25			3999.96	
2	79	π	-	-	-	5.35			4001.84	
3	80	F	1240	88°05'	90°00'	5.32			4001.89	
4		B	1273	88°00'	90°00'	4.51				
5	81	π	-	-	-	5.50			4000.90	
6	82	F	1460	88°45'	90°00'	3.73			4002.67	+
7		B	1292	88°55'	90°00'	5.13				
8	83	π	-	-	-	5.40			4002.40	
9	84	F	1135	89°00'	90°00'	5.49			4002.31	
10		B	1252	89°00'	90°00'	5.58				
11	85	π	-	-	-	5.40			4002.49	
12	81	F	931	111°	90°00'	2.70			4002.19	+

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1352	180°00'	90°00'	2.78				
2	π		-	-	-	5.35			4002.62	
3	F		1370	178°36'	90°00'	6.15			4001.82	
4	B		1180	179°00'	90°00'	2.77				
5	π		-	-	-	5.35			3999.24	
6	F		1035	179°15'	90°00'	5.80				π
7	B		478	215°00'	90°00'	3.59				
8	π		-	-	-	5.20	-0.02		3999.18 3997.16	
9			-	-	-					
10	B		1307	358°05'	90°00'	9.78			3999.49	
11	π		-	-	-	5.35			3994.84	
12	F		1300	358°26'	90°00'	2.20			3997.49	

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1376	358°35'	90°00'	9.02				
2	π		-	-	-	5.40			4001.11	
3	F		1317	357°20'	90°00'	3.60			4002.91 4002.12	
4			-	-	-					
5	B		1277	358°35'	90°00'	5.56			3999.96	
6	π		-	-	-	5.30			4000.23	
7	F		1400	359°00'	90°00'	10.75			3994.77	
8	B		1276	18°10'	90°00'	7.60				
9	π		-	-	-	5.35			3996.42	
10	F		1229	2°00'	90°00'	7.51			3994.26	
11										
12										

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1230	0°10'	90°00'	7.50				
2	π		-	-	-	5.40			3996.36	
3	F	72.5	1450	359°45'	90°30'	3.32			3998.44	
4			-	-	-	-				
5	B		1115	292°50'	88°20'	2.07			4217.91	
6	π		-	-	-	5.30 5.20			4184.22	
7	F		1300	322°00'	91°00'	13.74			4151.68	
8	B		1426	328°45'	89°29'	12.0				
9	π		-	-	-	5.30			4134.72	
10	F		708	270°10'	90°00'	13.51			4126.51 4127.00	4127
11										
12										

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		708	270°10'	90°00'	13.51	✓		4127.00	4127
2	F		1270	323°30'	90°00'	14.25	✓		4126.26	
3	B		1412	317°00'	90°00'	7.62	✓			
4	π		-	-	-	5.35			4128.53	
5	F		1210	317°15'	90°00'	5.97	✓		4127.91	
6	B		1252	317°00'	99°55'	1.65	✓			
7	π		-	-	-	5.40			4122.34	
8	F		1176	317°00'	91°32'	14.64	✓		4081.63	
9	B		840	324°30'	89°29'	7.96	✓			
10	π		-	-	-	5.40			4076.62	
11	F		1192	308°00'	91°29'	14.10	✓		4037.06	
12										

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ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		258	235°30'	89°04'	1.02				
2	H	450155 Bm Y297	—	—	—	4.74			5087.49	5087
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

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ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B	J 110	1250	307°30'	90°06'	14.50			4118.37	
2	π	135	—	—	—	5.20			4129.85	
3	F	136	1202	300°30'	89°39'	0.84			4141.55	
4	B	J 135	1218	315°00'	89°47'	2.05			4129.45	
5	π	137	—	—	—	5.20			4122.09	
6	F	138	1050	248°35'	90°35'	2.62			4124.67	
7	E		1085	215°00'	90°00'	6.72				
8	π	139	—	—	—	5.20			4126.19	
9	F	140	1240	264°30'	89°48'	2.12			4133.60	
10	B		1356	269°55'	90°00'	6.35				
11	π	141	—	—	—	5.40			4134.55	
12	F	142	1270	266°30'	89°51'	2.57			4138.49	

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ENGINEER'S FIELD DATA

PROSPECT <i>Colorado</i>				PARTY NO.		UNIT NO.		ROD		PAGE <i>26</i>
ENGINEER <i>Stover</i>				RODMAN <i>Roger</i>				DATE <i>6-13-77</i>		R.R.
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1270	279°00'	91°46'	14.38	✓			
2	π		-	-	-	5.00			4478.51	
3	F		1230	275°00'	86°20'	4.05	✓		4558.12	
4	B		1000	275°00' 273°00'	92°16'	14.45	✓			
5	F		550	288°00'	89°07'	1.03	✓		4619.57	
6	B		680	282°00'	90°00'	7.80	✓			
7	F	-	459	322°00'	90°00'	13.32	✓		4619.05	T
8	B		459	142°00'	90°00'	13.32				
9	F		980	146°00'	95°01'	14.61			4552.65	
10	B		735	122°45'	87°58'	2.10				
11	F		479	157°30'	91°45'	14.53			4499.51	
12										

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ENGINEER'S FIELD DATA

PROSPECT <i>Colorado</i>				PARTY NO.		UNIT NO.		ROD		PAGE <i>27</i>
ENGINEER <i>Stover</i>				RODMAN <i>Roger</i>				DATE <i>6-13-77</i>		R.R.
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		568	143°00'	88°11'	1.00				
2	F		602	174°00'	91°06'	14.52			4456.43	
3	B		1356	159°15'	87°47'	3.20				
4	π		-	-	-	5.30			4401.88	
5	F		493	183°25'	89°55'	3.08				
6	B		353	173°10'	88°36'	1.00				
7	F		604	169°00'	93°11'	14.50			4351.41	
8	B		600	202°00'	89°40'	2.00				
9	F		770	184°00'	91°10'	14.53			4319.71	
10	B		1150	196°00'	88°31'	3.12				
11	π		-	-	-	5.35			4293.06	
12	F		110	100°00'	100°00'	11.55			4253.08	

353.1
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ENGINEERS FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	J172	B	1420	54°00'	90°00'	14.52			4027.88	
2	176	π	-	-	-	5.30			4037.09	
3	177	F	1300	65°00'	89°30'	1.82			4051.91	
4		B	1395	64°45'	90°00'	13.88				
5	178	π	-	-	-	5.50			4060.29	
6	179	F	1224	64°15'	89°31'	5.10			4071.02	
7		B	1160	64°05'	90°00'	5.38				
8	180	π	-	-	-	5.40			4071.00	
9	181	F	1300	64°55'	90°00'	14.12			4062.28	
10		B	1132	65°00'	89°29'	1.63				
11	182	π	-	-	-	5.00			4048.70	
12	183	F	1360	62°45'	90°12'	14.50			4034.45	

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ENGINEERS FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1		B	1187	69°00'	89°34'	1.05				
2	184	π	-	-	-	5.45			4027.98	
3	185	F	1250	64°50'	90°00'	8.52			4024.91	
4		B	732	1464	64°00'	90°00'	7.88			
5	186	π	-	-	-	5.50			4027.29	
6	187	F	1226	64°50'	90°00'	1.93			4030.86	
7		B	1128	64°00'	90°04'	14.39				
8	188	π	-	-	-	5.40			4041.17	
9	189	F	1220	64°15'	90°00'	0.63			4045.94	
10		B	930	64°30'	90°06'	14.83				
11	190	π	-	-	-	5.50			4056.89	+
12	191	F	1130	64°00'	89°00'	1.05			4071.53	

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ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	X O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		922	64°00'	90°00'	5.02				
2	K	192	-	-	-	5.40			4071.15	
3	F	193	940	64°55'	90°00'	6.12			4070.73	
4										
5										
6										
7										
8										
9										
10										
11										
12										

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ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	X O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B	898	1120	47°15'	90°00'	6.15			3998.74	
2	K	194	-	-	-	5.35			3999.24	
3	F	195	1393	90°05'	90°20'	8.06			3996.53	
4	B		1340	90°40'	90°00'	8.39				
5	K	196	-	-	-	5.40			3999.52	
6	F	197	1252	90°10'	90°00'	4.40			4000.52	
7	B		1206	87°55'	90°00'	5.80				
8	K	198	-	-	-	5.40			4000.92	
9	F	199	1450	88°45'	90°00'	4.38			4001.94	
10	B		1280	88°45'	90°00'	7.05				
11	K	200	-	-	-	5.35			4003.64	

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PROSPECT <i>Colorado</i>				PARTY NO.		UNIT NO.		ROD		PAGE <i>34</i>
ENGINEER <i>Stover</i>				RODMAN <i>Roger</i>				DATE <i>6-14-77</i>		R.R.
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		440	218°50'	90°00'	2.98			4006.22	+
2	T.P.		-	-	-	5.35			4004.00	
3	F		1180	224°20'	90°00'	7.57				
4	B		1290	228°45'	90°00'	4.90			4003.55	
5	T.P.		-	-	-	5.35				
6	F		569	229°30'	90°00'	3.78				
7	B		648	222°40'	90°00'	1.85			4001.82	
8	T.P.		-	-	-	5.15				
9	F		600	223°00'	90°00'	4.30				
10	B		430	175°00'	90°00'	5.70			4003.02	
11	T.P.		-	-	-	5.35				
12	F		810	193°20'	90°00'	3.32				

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PROSPECT <i>Colorado</i>				PARTY NO.		UNIT NO.		ROD		PAGE <i>35</i>
ENGINEER <i>Stover</i>				RODMAN <i>Roger</i>				DATE <i>6-14-77</i>		R.R.
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		530	205°50'	90°00'	3.12				
2	T.P.		-	-	-	9.57			3998.60	
3	F		779	232°30'	90°00'	5.50				
4	B		176	219°00'	90°00'	0.42				
5	F		440	89°05'	90°00'	3.80			3999.29	
6	B		1366	87°00'	90°00'	11.72				
7	T.P.		-	-	-	8.45			4002.56	
8	F		1260	90°00'	90°00'	10.20			4000.81	
9	B	820	1640	88°05'	90°00'	7.55				
10	F		84	111°15'	90°00'	8.57			3999.79	+
11	B		1360	179°30'	90°00'	7.35				
12	T.P.		-	-	-	5.35			4001.70	

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ENGINEER'S FIELD DATA

PROSPECT <i>Colado</i>				PARTY NO.		UNIT NO.		ROD		PAGE <i>36</i>
ENGINEER <i>Stover</i>				RODMAN <i>Roger</i>				DATE <i>6-14-77</i>		R.R.
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	212	F		1080	178°15'	90°00'	5.60		4001.59	
2		B		1010	178°00'	90°00'	9.75			
3	213	π		-	-	-	5.85	-0.25	4005.44 4005.19	
4				-	-	-				
5	210	B		1320	47°20'	90°00'	8.15		3999.79	
6	213	π		-	-	-	5.30		4002.67	
7	214	F		1300	24°15'	89°30'	6.00		4005.72	
8		B		1250	17°30'	90°00'	4.35			
9	215	π		-	-	-	5.30		4004.77	
10	216	F		1200	21°00'	90°00'	1.33		4008.79	
11		B		890	20°15'	90°00'	8.58			
12	217	F		434	31°00'	90°00'	6.32		4011.00	

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ENGINEER'S FIELD DATA

PROSPECT <i>Colado</i>				PARTY NO.		UNIT NO.		ROD		PAGE <i>37</i>
ENGINEER <i>Stover</i>				RODMAN <i>Roger</i>				DATE <i>6-19-77</i>		R.R.
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1		B		835	1670	42°00'	90°00'	6.75		
2	218	π		-	-	-	5.35		4012.40	-
3	219	F		1118	24°30'	90°00'	2.32		4015.43	
4		B		780	1560	23°40'	90°00'	10.30		
5	220	π		-	-	-	5.40		4020.33	
6	221	F		1330	30°45'	90°00'	5.35		4020.38	
7		B		1240	21°30'	90°00'	9.18			
8	222	π		-	-	-	5.45		4024.11	
9	223	F		1404	22°00'	90°00'	5.50		4024.06	
10		B		1260	30°00'	90°00'	8.98			
11	224	π		-	-	-	5.45		4027.59	

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PROSPECT <i>Colado</i>				PARTY NO.		UNIT NO.		ROD		PAGE <i>44</i>
ENGINEER <i>Stover</i>				RODMAN <i>Rosen</i>				DATE <i>6-15-77</i>		R.R.
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1 <i>Base 1</i>	B		1195	289°20'	89°12'	2.23			4081.00	
2 <i>255</i>	π		—	—	—	5.45			4061.10	
3 <i>T.P.</i>	F		760	274°10'	90°10'	14.58				
4	B		702	301°20'	89°41'	3.04				
5 <i>256</i>	π		—	—	—	5.30			4043.61	
6 <i>257</i>	F		1300	33°20'	89°30'	1.80			4051.70	
7	B	<i>735</i>	1510	33°45'	90°20'	12.44				
8 <i>258</i>	π		—	—	—	5.43			4058.69	
9 <i>259</i>	F		1420	31°15'	90°30'	6.42			4057.72	
10	B		1006	33°15'	90°20'	10.27				
11 <i>260</i>	π		—	—	—	5.35			4062.64	
12 <i>261</i>	F		1350	34°35'	99°53'	2.10			4069.64	

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ENGINEER'S FIELD DATA

PROSPECT <i>Colado</i>				PARTY NO.		UNIT NO.		ROD		PAGE <i>45</i>
ENGINEER <i>Stover</i>				RODMAN <i>Rosen</i>				DATE <i>6-15-77</i>		R.R.
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		993	30°35'	90°00'	3.30				
2 <i>262</i>	π		—	—	—	5.35			4066.59	
3 <i>263</i>	F		1464	36°00'	90°00'	2.50			4069.44	
4	B		382	54°00'	91°00'	14.56				<i>AT BUS PASS</i>
5 <i>264</i>	F		542	19°20'	90°00'	6.10				
6 <i>261</i>	F		1235	19°10'	90°00'	4.60			4086.06	
7	B		1128	10°45'	90°00'	5.98				
8 <i>265</i>	π		—	—	—	5.45			4086.59	
9 <i>266</i>	F		1160	31°45'	90°00'	2.92			4089.12	
10	B		1160	27°30'	90°08'	14.55				
11 <i>267</i>	π		—	—	—	8.44			4097.93	
12 <i>268</i>	F		1050	37°22'	90°00'	4.80			4101.57	

ENGINEER'S FIELD DATA

PROSPECT <i>Colo</i>			PARTY NO.		UNIT NO.		ROD		PAGE <i>46</i>	
ENGINEER <i>Stover</i>			RODMAN <i>Roger</i>			DATE <i>6-15-77</i>			R.R.	
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		173	37°00'	90°00'	7.39				
2	F	<i>USC 95 km</i> <i>H X 341</i>	394	171°15'	90°00'	1.39		<i>+0.43</i>	<i>4107.51</i> <i>4108.00</i>	<i>4-108</i> <i>Woolsey</i>
3	B		910	126°50'	93°41'	14.40				
4	π	<i>269</i>	-	-	-	5.35			<i>4175.51</i>	
5	F	<i>270</i>	1300	25°00'	88°22'	5.19			<i>4212.72</i>	
6	B		1030	24°45'	88°56'	8.93				
7	π	<i>271</i>	-	-	-	5.50			<i>4196.98</i>	
8	F	<i>272</i>	1264	24°50'	91°12'	14.40			<i>4161.61</i>	
9	B		1240	25°00'	89°33'	2.14				
10	π	<i>273</i>	-	-	-	5.50			<i>4148.51</i>	
11	F	<i>H 100</i>	1430	60°05'	90°00'	2.52		<i>+0.19</i>	<i>4151.49</i> <i>4151.68</i>	
12										

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ENGINEER'S FIELD DATA

PROSPECT <i>Colo</i>			PARTY NO.		UNIT NO.		ROD		PAGE <i>47</i>	
ENGINEER <i>Stover</i>			RODMAN <i>Roger</i>			DATE <i>6-15-77</i>			R.R.	
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1005	160°15'	92°36'	14.43			<i>4219.58</i>	
2	π	<i>274</i>	-	-	-	5.35			<i>4274.65</i>	
3	F	<i>275</i>	1150	113°25'	86°44'	2.18			<i>4343.35</i>	
4	B		1094	124°00'	93°45'	14.65				
5	π	<i>276</i>	-	-	-	5.20			<i>4429.35</i>	
6	F	<i>T.P.</i>	557	96°55'	88°01'	5.02				
7	B		732	108°45'	90°16'	14.47				
8	π	<i>277</i>	-	-	-	5.35			<i>4456.34</i>	
9	F	<i>T.P.</i>	778	122°15'	87°52'	1.10				
10	B		680	119°45'	92°40'	14.59				
11	π	<i>278</i>	-	-	-	5.40			<i>4520.37</i>	
12	F	<i>T.P.</i>	752	102°15'	86°31'	1.12				

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ENGINEER <i>Stover</i>				RODMAN <i>Roger</i>			DATE <i>6-16-77</i>		R.R.	
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1 <i>8114</i>	<i>B</i>		<i>1058</i>	<i>2°00'</i>	<i>89°53'</i>	<i>3.06</i>			<i>4325.73</i>	
2 <i>288</i>	<i>π</i>		-	-	-	<i>4.45</i>			<i>4322.19</i>	
3 <i>290</i>	<i>F</i>		<i>1450</i>	<i>8°05'</i>	<i>89°45'</i>	<i>0.95</i>			<i>4332.01</i>	
4										
5 <i>8126</i>	<i>B</i>		<i>945</i>	<i>339°55'</i>	<i>90°00'</i>	<i>14.32</i>			<i>4816.15</i>	
6 <i>291</i>	<i>π</i>		-	-	-	<i>5.40</i>			<i>4825.07</i>	
7 <i>T.P.</i>	<i>F</i>		<i>860</i>	<i>26°00'</i>	<i>86°53'</i>	<i>1.00</i>				
8	<i>B</i>		<i>542</i>	<i>356°24'</i>	<i>90°20'</i>	<i>14.49</i>				
9 <i>292</i>	<i>π</i>		-	-	-	<i>5.30</i>			<i>4887.41</i>	
10 <i>293</i>	<i>F</i>		<i>1268</i>	<i>349°05'</i>	<i>86°14'</i>	<i>2.12</i>			<i>4973.89</i>	
11	<i>B</i>		<i>1480</i>	<i>330°50'</i>	<i>96°15'</i>	<i>14.70</i>				
12 <i>294</i>	<i>π</i>		-	-	-	<i>5.40</i>			<i>5144.31</i>	

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT				PARTY NO.		UNIT NO.		ROD		PAGE <i>51</i>	
ENGINEER				RODMAN				DATE		R.R.	
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS	
		1/2 STADIA	STADIA								
1 <i>295</i>	<i>F</i>		<i>1085</i>	<i>345°30'</i>	<i>83°50'</i>	<i>2.93</i>			<i>5263.33</i>	<i>40 L</i>	
2											
3 <i>8293</i>	<i>B</i>		<i>965</i>	<i>1239°5'</i>	<i>87°41'</i>	<i>1.13</i>					
4 <i>296</i>	<i>π</i>		-	-	-	<i>5.40</i>			<i>4980.61</i>		
5 <i>T.P.</i>	<i>F</i>		<i>553</i>	<i>79°00'</i>	<i>86°55'</i>	<i>4.10</i>					
6	<i>B</i>		<i>242</i>	<i>100°55'</i>	<i>92°^{34'}55'</i>	<i>11.4²²</i>					
7 <i>297</i>	<i>F</i>		<i>885</i>	<i>53°40'</i>	<i>87°24'</i>	<i>1.02</i>			<i>5000.16</i>		
8	<i>B</i>		<i>1060</i>	<i>57°10'</i>	<i>92°24'</i>	<i>14.41</i>					
9 <i>298</i>	<i>π</i>		-	-	-	<i>5.35</i>			<i>5053.61</i>		
10 <i>T.P.</i>	<i>F</i>		<i>558</i>	<i>104°00'</i>	<i>85°44'</i>	<i>3.42</i>					
11	<i>B</i>		<i>700</i>	<i>100°15'</i>	<i>91°40'</i>	<i>14.50</i>					
12 <i>299</i>	<i>π</i>		-	-	-	<i>5.40</i>			<i>5126.51</i>		

ENGINEER'S FIELD DATA

211
122
111

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	308	B	362	111°20'	92°30'	14.50				
2	309	F	622	175°50'	87°06'	1.10			4893.74	
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

127 50
122

127 20
122

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	316	B	1335	307°20'	90°12'	14.38			4141.55	
2	310	π	-	-	-	5.30			4155.29	
3	311	F	1318	305°20'	89°28'	2.90			4169.96	
4		B	1314	307°45'	90°34'	14.51				
5	312	π	-	-	-	5.45			4191.65	
6	313	F	1240	307°20'	88°55'	1.15			4219.40	
7		B	1436	311°50'	91°11'	14.60				
8	314	π	-	-	-	5.30			4258.35	+ PPLINE
9	315	F	1306	45°00'	90°00'	6.55			4257.10	
10		B	1200	42°45'	90°00'	11.31				
11	316	π	-	-	-	5.25			4263.16	

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ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
Colado								56		
ENGINEER		RODMAN		DATE		R.R.				
Stover		Roger		6-17-77						
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		487	41°30'	90°00'	8.01 4.8				
2	F	318	860	41°30'	90°00'	8.15			4270.13	
3	B		1206	41°30'	90°00'	17.24				
4	π	319	-	-	-	5.20			4279.17	
5	F	Tr Int	660	43°15'	89°53'	0.98				
6	B		550	116°25'	88°55'	2.90				
7	π	320	-	-	-	5.25			4271.98	
8	F	321	1130	115°10'	90°40'	14.44			4249.69	
9	B		800	115°55'	88°54'	1.90				
10	F	322	493	96°10'	91°22'	14.52			4209.91	
11	B		1255	94°20'	88°53'	1.93				
12	π	323	-	-	-	5.25			4182.13	

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
Colado								57		
ENGINEER		RODMAN		DATE		R.R.				
Stover		Roger		6-17-77						
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	F	324	1155	93°30'	90°00'	11.73			4175.65	
2	B		552	95°00'	90°00'	1.73				
3	π	Rd Int +	-	-	-	5.30				
4	F	325	712	236°00'	90°00'	4.01			4173.37	
5	B		1165	236°30'	90°00'	5.15				
6	π	326	-	-	-	5.35			4173.17	
7	F	327	1320	236°30'	90°00'	2.92			4175.60	
8	B		1098	237°10'	90°00'	13.03				
9	π	328	-	-	-	5.30			4183.33	
10	F	329	1384	236°00'	89°37'	2.99			4194.91	
11	B		1464	236°00'	90°00'	4.95			4	
12	π		-	-	-	5.30			4194.56	

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ENGINEER'S FIELD DATA

PROSPECT <i>Colorado</i>			PARTY NO.		UNIT NO.		ROD		PAGE <i>58</i>	
ENGINEER <i>Stover</i>			RODMAN <i>Rogers</i>			DATE <i>6-17-77</i>			R.R.	
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	<i>331</i>	<i>F</i>		<i>1302</i>	<i>236°00'</i>	<i>90°00'</i>	<i>5.38</i>			<i>4199.48</i>
2		<i>B</i>		<i>970</i>	<i>239°35'</i>	<i>90°00'</i>	<i>1.80</i>			
3	<i>H 312</i>	<i>F</i>		<i>600</i>	<i>239°50'</i>	<i>90°00'</i>	<i>4.40</i>	<i>-0.23</i>	<i>4191.89</i>	<i>4191.65</i>
4										
5										
6										
7										
8										
9										
10										
11										
12										

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT <i>Colorado</i>			PARTY NO.		UNIT NO.		ROD		PAGE <i>59</i>	
ENGINEER <i>Stover</i>			RODMAN <i>Rogers</i>			DATE <i>6-17-77</i>			R.R.	
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	<i>I 254</i>	<i>B</i>		<i>1354</i>	<i>220°00'</i>	<i>89°37'</i>	<i>4.98</i>			<i>4043.61</i>
2	<i>332</i>	<i>π</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>5.20</i>			<i>4034.32</i>
3	<i>333</i>	<i>F</i>		<i>1400</i>	<i>215°40'</i>	<i>90°00'</i>	<i>13.30</i>			<i>4026.22</i>
4		<i>B</i>		<i>1450</i>	<i>216°40'</i>	<i>89°55'</i>	<i>1.12</i>			
5	<i>334</i>	<i>π</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>5.35</i>			<i>4019.88</i>
6	<i>335</i>	<i>F</i>		<i>1430</i>	<i>225°00'</i>	<i>90°00'</i>	<i>11.90</i>			<i>4013.33</i>
7		<i>B</i>		<i>1103</i>	<i>232°15'</i>	<i>90°00'</i>	<i>1.28</i>			
8	<i>336</i>	<i>π</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>5.20</i>			<i>4009.41</i>
9	<i>337</i>	<i>F</i>		<i>1470</i>	<i>238°45'</i>	<i>90°00'</i>	<i>6.90</i>			<i>4007.71</i>
10		<i>B</i>		<i>1320</i>	<i>244°55'</i>	<i>90°00'</i>	<i>3.76</i>			
11	<i>338</i>	<i>π</i>		<i>-</i>	<i>-</i>	<i>-</i>	<i>5.20</i>			<i>4006.27</i>
12	<i>339</i>	<i>F</i>		<i>1390</i>	<i>245°30'</i>	<i>90°00'</i>	<i>7.60</i>			<i>4003.87</i>

ENGINEER'S FIELD DATA

PROSPECT <i>Colado</i>			PARTY NO.		UNIT NO.		ROD		PAGE <i>60</i>	
ENGINEER <i>Stover</i>			RODMAN <i>Roger</i>			DATE <i>6-17-77</i>			R.R.	
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1092	291°45'	90°00'	6.63				
2	π		-	-	-	5.20			4005.30	
3	F	750	1500	233°00'	90°00'	7.15			4003.35	
4	B		1267	228°15'	90°00'	2.30				
5	π		-	-	-	5.20			4005.65	
6	F		1090	222°20'	90°00'	6.60			3999.05	
7	B		975	219°10'	90°00'	3.33				
8	π		-	-	-	5.22		±0.00	3997.16 3997.16	
9										
10	B		1310	180°00'	90°00'	2.70			3991.81	
11	π		-	-	-	5.20			3988.91	
12	F		1240	178°10'	90°00'	6.10			3988.01	

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT <i>Colado</i>			PARTY NO.		UNIT NO.		ROD		PAGE <i>61</i>	
ENGINEER <i>Stover</i>			RODMAN <i>Roger</i>			DATE <i>6-17-77</i>			R.R.	
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1296	178°40'	90°00'	5.75				
2	π		-	-	-	5.20			3988.56	
3	F		1270	178°00'	90°00'	6.50			3987.26	
4	B		1152	171°10'	90°00'	5.42				
5	π		-	-	-	5.35			3987.33	X
6	F		1360	219°10'	90°00'	6.95			3985.73	
7	B		1330	217°30'	90°00'	3.25				
8	π		-	-	-	5.25			3983.73	
9	F		1222	210°30'	90°00'	7.25			3981.70	
10	B		1420	210°00'	90°00'	3.05				
11	π		-	-	-	5.25			3979.50	7
12	F									

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ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	3268	B	676	217°45'	89°46'	9.10 ^{vic}			4101.57	
2	366	F	596	245°15'	90°28'	14.57			4088.49	
3		B	168	257°10'	90°00'	6.74				
4	367	F	1280	256°15'	90°32'	14.59			4068.43	
5		B	852	287°45'	89°51'	2.13				
6	368	F	578	337°50'	91°26'	14.52			4039.35	
7		B	740	200°00'	90°18'	14.50				
8	369	F	439	160°15'	90°00'	1.32			4056.40	
9		B	814	166°00'	90°05'	14.32				
10	370	F	506	165°00'	90°00'	6.87			4065.04	
11		B	1298	171°45'	90°00'	4.25				
12	371	π	-	-	-	5.30			4063.99	

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	3264	F	1198	101°05'	89°04'	2.97		+0.23	4085.83 4086.06	
2										
3	3100	B	1320	42°00'	90°09'	14.30			4151.66	
4	372	π	-	-	-	5.30			4164.14	
5	373	F	1315	30°45'	90°00'	0.70			4168.74	
6		B	1260	34°00'	90°00'	9.85				
7	374	π	-	-	-	5.25			4173.34	
8	375	F	1340	34°05'	89°42'	6.18			4179.42	
9		B	1300	35°50'	90°03'	14.50				
10	376	π	-	-	-	5.25			4189.81	vic
11	(377) 377	F	980	53°00'	89°02'	4.19			4207.40	
12										

LANTON SURVEYS CO.

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		1078	78°30'	90°00'	14.40				
2	378	π	-	-	-	5.30			4218.70	
3	379 380	F	795	56°30'	89°35'	2.78			4232.78	
4		B	508	59°15'	90°00'	7.40				
5	380	F	580	78°45'	90°00'	4.78			4235.40	
6		B	966	123°00'	90°00'	12.10				
7	381	π	-	-	-	5.00			4242.50	
8	T.P.	F	1240	142°15'	89°00'	3.05				
9		B	463	47°00'	90°00'	1.45				
10	757	π	-	-	-	6.75			4260.77	
11										
12										

LANTON SURVEYS CO.

ENGINEER'S FIELD DATA

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	344	B	850	1700	156°10'	92°00'	14.80		4291.03	
2	382	π	-	-	-	5.00			4360.16	
3	383	F	1130	152°30'	88°09'	2.06			4399.58	
4		B	1118	140°30'	93°40'	14.60				
5	384	π	-	-	-	5.15			4480.53	
6										
7										
8	325	B	1218	136°55'	91°05'	14.49			4110.25	
9	385	π	-	-	-	5.20			4142.57	
10	386	F	1350	114°50'	87°36'	2.10			4202.20	
11		B	1165	115°10'	92°58'	14.70				
12	387	π	-	-	-	5.20			4265.23	

ENGINEER'S FIELD DATA

LANTON SURVEYS CO.

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π ○	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	B		465	306°05'	87°09'	2.00				
2	402	F	745	325°30'	91°49'	14.57			4020.44	
3	B	905	1810	315°30'	90°15'	14.60				
4	403	π	—	—	—	5.35			4037.59	
5	π 364	F	878	303°45'	90°50'	14.72		4034	4003.92 4002.68	
6										
7										
8										
9										
10										
11										
12										

ENGINEER'S FIELD DATA

LANTON SURVEYS CO.

PROSPECT		PARTY NO.		UNIT NO.		ROD		PAGE		
ENGINEER		RODMAN		DATE		R.R.				
STATION	π ○	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
		1/2 STADIA	STADIA							
1	π 324	B	930	94°00'	89°56'	1.90			4175.65	
2	404	π	—	—	—	5.15			4171.32	
3	405	F	745	1490	92°45'	90°50'	12.70		4163.77	
4		B	472	93°30'	90°00'	7.40				
5	406	F	578	91°30'	90°00'	8.91			4162.26	
6		B	1235	93°20'	90°00'	2.25				
7	407	π	—	—	—	5.30			4159.21	
8	408	F	1000	94°00'	90°00'	12.97			4151.54	
9		B	612	97°30'	90°00'	4.89				
10	409	F	578	195°30'	90°00'	4.19			4152.24	
11		B	1230	196°05'	89°54'	2.19				
12	410	π	—	—	—	5.25			4147.02	

ENGINEERS FIELD DATA

LANTON SURVEYS CO.

PROSPECT				PARTY NO.		UNIT NO.		ROD		PAGE 72	
ENGINEER				RODMAN				DATE		R.R.	
	STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
			1/2 STADIA	STADIA							
1	411	F		1016	196°50'	90°00'	9.65			4142.62	
2		B		1090	200°15'	90°00'	2.95				
3	412	π		-	-	-	5.30			4140.27	
4	413	F		1090	209°00'	89°35'	1.02			4152.48	
5		B		1260	206°50'	89°46'	4.00				
6	414	π		-	-	-	5.25			4146.10	
7	T.P	F		372	207°25'	90°00'	4.98				
8		B		761	209°50'	89°36'	2.03				
9	415	π		-	-	-	5.25			4137.77	
10	416	F		985	208°10'	89°21'	2.72			4151.48	
11		B		479	258°00'	83°25'	2.08				
12	417	F		723	223°10'	93°02'	4.40			4045.90	

ENGINEERS FIELD DATA

296.25
1.50
59.15
1.50
287.10
1.50
292
1.50
1.12

LANTON SURVEYS CO.

PROSPECT				PARTY NO.		UNIT NO.		ROD		PAGE 73	
ENGINEER				RODMAN				DATE		R.R.	
	STATION	π O	DISTANCE		AZIMUTH	ANGLE	ROD	CORR.	ELEV. DIFF.	ELEVATION	REMARKS
			1/2 STADIA	STADIA							
1		B		1045	239°15'	89°40'	3.23				
2	418	π		-	-	-	5.30			4037.83	
3	T.108	F	795	1590	225°45'	89°55'	8.75	-0.58		4037.62 4037.06	
4											
5	221	B		1200	107°30'	90°00'	6.57			4020.38	
6	419	π		-	-	-	5.25			4021.70	
7	420	F		980	115°45'	90°00'	5.24			4021.71	
8		B		970	116°25'	89°52'	7.99				
9	421	π		-	-	-	5.40			4022.03	
10	422	F		1070	113°00'	90°00'	3.98			4023.45	
11		B		795	112°00'	90°00'	5.50				
12	423	π		-	-	-	5.30			4023.15	River

Party No. _____
 Operator S ELLIS
 Area Calado
 State N.P.V.

Date 6-8-77
 Instrument # 1
 K = _____ G/scale div.
 T. Corr. = _____ G/° C.

LANTON SURVEYS CO.
MAGNETOMETER COMPUTATION SHEET

Notes:

*Values adjusted to
 Base 1 value 53335*

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
Base 1	0728		53335			0	(*) 53335			←		Value @ Base 1	
1	0822		53203					53232		53231	✓	53232	
2	0825		53240							53271	✓	53271	
3	0830		53382							54915	✓	54415	
4	0833		53232							53269	✓	53269	
5	0838		53565							603	✓	53603	
6	0840		53654							693	✓	53693	
7	0845		53214							285	✓	53285	
8	0854		53364							410	✓	53410	
9	0859		53461							510	✓	53510	
10	0906		53074							127	✓	53127	
	0910		53303							358	✓	53358	
	0913		53131							187	✓	53187	
	0920		53229							53289	✓	53289	
	0944		53262			+ 2/0		53262		new		Base 1 value	
	0016		53263							53255	✓	53328	
	0059		53306							317	✓	53390	
	13		53331							320	✓	53393	
	13		53342							53324	✓	53397	
	21		53545							54528	✓	54601	
	23		53284					53265		53565	✓	53338	
	24		53641							53621	✓	53694	
	25		54221					54198		54228	✓	54271	
	26		54417							54391	✓	54464	
	27		53512							53484	✓	53557	
	28		53437							54540	✓	54413	
	29		53338							53305	✓	53378	
			53338							53503	✓	53376	
			53331							53294	✓	53367	
			53331							53303	✓	53376	
			53331							53632	✓	53705	
Base 1	1215							53319		new		Base 1 value	
30	1224									53293	✓	53309	
31	1230									280	✓	53296	
32	1242									388	✓	53404	
33	1248									250	✓	53266	
	1252									53221	✓	53237	

4	4	4	4
4	4	4	4
4	4	4	4
4	4	4	4

4



Getty Oil Company | P. O. Box 5237, Bakersfield, California 93388 • Telephone: (805) 399-2961

Western Exploration and Production Division

January 7, 1980

University of Utah Research Institute
Earth Science Laboratory
420 Chipeta Way
Salt Lake City, Utah 84108

Attention: Dr. H. P. Ross

Re: Original gravity data from
Electrodyne survey at Colado
Geothermal Project, Pershing
County, Nevada


Dear Howard:

Enclosed is a set of data from the original field notes by Electrodyne personnel. In response to your request, this material was reproduced from our own files on the Colado Area. The Base map sent to you with the completed reports was reproduced from the Electrodyne Base Map and is the only one we have. At least, with the data sheets, you can make your own.

If we may be of further help, please let us know. In case a question arises, please call Richard Jones in this office, and he will be glad to help you further.

Very truly yours,

GETTY OIL COMPANY

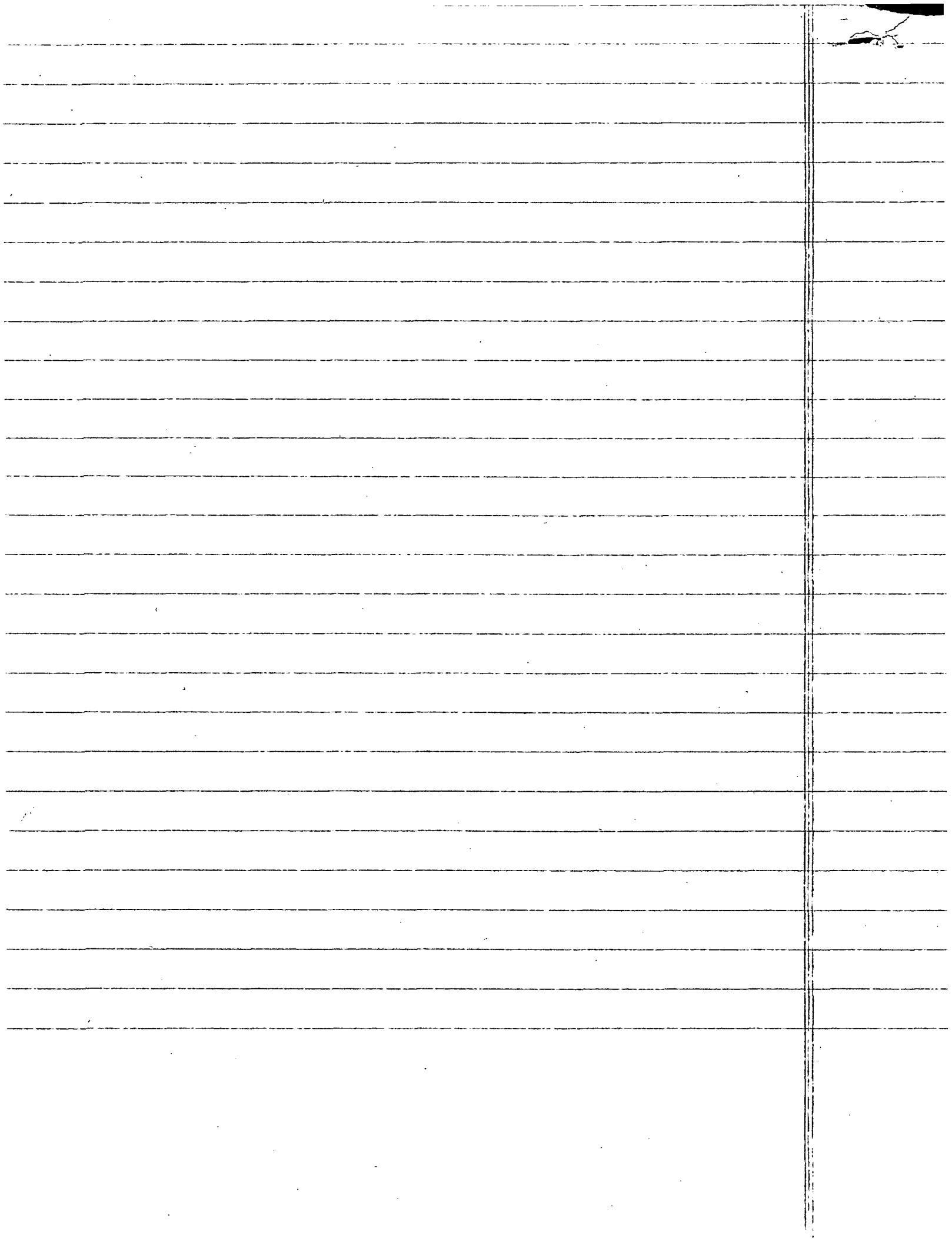

Wayne A. Shaw

Enclosures
WAS:bw

Colado
Repeated Station

5	1994.01, 1993.95	1993.98
11	1994.75, 1994.72	1994.74
13	1997.34, 1997.50	1997.42
14	1998.89, 1998.82, 1998.78	1998.83
15	2001.21, 2006.57	2003.89
18	1996.17, 1996.14	1996.16
28	1998.54, 1998.49	1998.52
29	1998.22, 1998.27, 1998.23	1998.24
30	1999.12, 1999.11	1999.12
31	1999.62, 1999.65	1999.64
33	1999.20, 1999.17	1999.18
44	2001.92, 2001.77	2001.85
46	2005.38, 2005.88, 2005.94	2005.73
65	1991.27, 1991.30	1991.28
79	1999.83, 1999.90	1999.84
80	1997.56, 1997.52	1997.54
82	1994.35, 1994.38	1994.36
86	1992.16, 1992.07	1992.12
87	1992.54, 1992.70	1992.62
94	2003.64, 2004.25	2003.94
95	2003.35, 2003.46	2003.41
98	2004.13, 2004.11	2004.12
100	2007.20, 2007.12	2007.16
101	2004.91, 2004.87	2004.89
108	2009.52, 2009.43	2009.48
110	2004.88, 2004.79, 2004.90	2004.86
111	1997.91, 1997.90	1997.90
112	1997.45, 1997.41	1997.43

113	1997.15 , 1997.12	1997.14
114	1996.88 , 1996.84 , 1996.93	1996.88
116	1994.12 , 1994.13	1994.12
117	1992.20 , 1992.21	1992.20
119	1987.01 , 1987.11	1987.06
124	1974.33 , 1974.35	1974.34
147	2008.10 , 2000.10	2000.10
158	1989.94 , 1990.01	1989.98
170	2004.42 , 2004.45	2004.44
172	2006.27 , 2006.13	2006.20
177	2003.54 , 2003.65	2003.60
210	1992.88 , 1992.85	1992.86
212	1992.45 , 1992.45	1992.45
218	1992.88 , 1992.82	1992.85
223	1994.86 , 1994.84	1994.90
239	1999.63 , 1999.71	1999.67
255	1999.45 , 1999.45	1999.45
256	1997.95 , 1997.86	1997.91
258	1998.31 , 1998.18	1998.25
265	2008.35 , 2008.19	2008.27
268	2009.70 , 2009.71	2009.70
269	2007.64 , 2007.52	2007.60
270	2004.86 , 2004.91	2004.89
278	1989.09 , 1989.10	1989.10
319	2007.46 , 2007.33	2007.40
324	2006.10 , 2006.07	2006.08
352	1997.21 , 1997.62	1997.67
365	1999.50 , 1999.74	1999.62



LANTON SURVEYS CO.

INSTRUMENT SHEET

COUNTY Peru

PARTY NO. _____

STATE Nev.

K = .1102 (2)

PARTY MGR. _____

AREA colado

DATE 6-8-77

OBSERVER D ELLIS

INST. NO. W 152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	0728		800.3						
	1	0733		800.6						
	1	0738		800.6	0		2000.00			
	1	08:22		795.6	-52		1999.39			
	2	0826		775.4			1997.16			
	3	0830		760.7			1995.53			
	4	0834		751.4			1994.50			
	5	0838		747.0			1994.01			
	6	0844		742.5			1993.51			
	7	0850		739.4			1993.16			
	8	0855		742.3			1993.47			
	9	0800		746.1			1993.89			
	10	0906		751.1			1994.43			
	11	0910		754.1			1994.75			
	12	0914		762.3			1996.31			
	13	0920		777.7			1997.34			
	1	0931		792.0			1998.90			
	1	0944		802.1	-15/0		2000.00			
	13	0959		779.5			1997.50			
	14	1006		792.2			1998.89			
	15	1011		813.3			2001.21			
	16	1018		804.2			2000.20			
	17	1023		779.8			1997.51			
	18	1028		767.7			1996.17			
	19	1032		784.3			1998.00			
	20	1038		783.2			1997.87			
	21	1045		835.4			2003.62			
	22	1052		829.2			2002.93			
	23	1058		817.4			2001.63			
	24	1106		809.3			2000.73			
	25	1112		807.9			2000.57			
	26	1116		803.4			2000.07			
	27	1122		796.3			1999.28			
	28	1127		789.6			1998.54			
	29	1134		786.7			1998.22			
	14	1150		792.3			1998.82			
	1	1217		803.2	-11/0		2000.00			
29?	9	1224		787.5			1998.27			
30?		1229		795.3			1999.12			
31?		1236		799.8			1999.62			
32?		1242		787.5			1998.26			

LANTON SURVEYS CO.

INSTRUMENT SHEET

COUNTY Pershing STATE Nev. AREA Calado INST. NO. W 152
 PARTY NO. _____ K = .1102 (2) DATE 6-8-77 OBSERVER DELLIS PARTY MGR _____ COMPUTER _____

STATION	BASE	TIME	MIN	DIAL RD.	DR	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
33	✓	12 48		796.1			1999.20			
34		12 52		805.7			2000.26			
35		12 55		819.7			2001.80			
36		13 00		827.2			2002.62			
37		13 04		837.8			2003.79			
38		13 08		845.2			2004.60			
39		13 13		848.5			2004.08			
40		13 17		848.2			2004.60			
41		13 21		843.4			2004.40			
42		13 30		830.4			2002.96			
43		13 36		803.2			1999.96			
44		13 47		821.0			2001.42			
45		13 52		854.5			2005.61			
46		13 56		852.5			2005.38			
28	✓	14 21		790.1			1998.49			
1		14 27		803.8	-0+/-		2000.00			
46	✓	14 44		857.2			2005.88			
117		14 49		869.7			2007.24			
48		14 56		858.3			2006.00			
49		15 02		865.3			2005.77			
50		15 07		846.3			2004.67			
51		15 15		834.1			2003.52			
52		15 20		825.3			2002.33			
53		15 24		802.5			1999.84			
54		15 29		770.2			1996.28			
55		15 34		760.7			1996.23			
56		15 39		756.2			1994.73			
57		15 43		753.1			1994.39			
58		15 47		751.3			1994.19			
59		15 51		747.8			1993.80			
60		15 56		751.2			1994.17			
61		16 02		751.4			1994.19			
62		16 05		743.7			1993.34			
63		16 09		736.8			1992.58			
64		16 13		731.2			1991.96			
65		16 17		724.9			1991.27			
31	✓	16 41		801.0			1999.65			
1		16 47		804.2	-0+/-		2000.00			

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Pershing

PARTY NO. _____

 STATE Nev.

 K = .1102 (2)

PARTY MGR. _____

 AREA colado

 DATE 6-10-77

 OBSERVER D ELLIS

 INST. NO. w 152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	0720		806.7						
	1	0726		806.7						
	1	0731		806.7	0					
✓ 65	✓	0750		727.7					1991.30	
66		0756		723.9					1990.88	
67		0801		727.0					1991.22	
68		0806		739.7					1992.62	
69		0818		759.8					1994.84	
70		0822		774.2					1996.43	
71		0826		785.5					1997.67	1997.70
72		0832		806.0					1999.93	
73		0838		811.5					2000.54	
74		0843		798.4					1999.10	
75		0906		808.0					2000.16	
76		0910		805.9					1999.93	
77		0916		822.9					2001.80	
78		0923		831.1					2002.71	
✓ 79		0932		805.0					1999.83	
✓ 80		0937		784.4					1997.56	
81		0941		768.9					1995.85	
✓ 82		0945		755.3					1994.35	
✓ 5	✓	0950		751.6					1993.95	
	1	1001		806.5	0.2/0					
✓ 82	✓	1013		755.6					1994.38	
83		1018		748.7					1993.62	
84		1022		744.3					1993.13	
85		1026		740.8					1992.74	
✓ 86		1033		735.6					1992.16	
✓ 87		1037		739.0					1992.54	
88		1044		742.6					1992.93	
89		1048		746.5					1993.35	
90		1058		751.0					1993.84	
91		1104		752.3					1993.98	
92		1108		752.1					1993.96	
93		1116		839.2					2003.55	
✓ 94		1122		840.0					2003.64	
✓ 95		1126		837.4					2003.35	
96		1131		839.2					2003.54	
✓ 97		1139		840.6					2003.69	
✓ 98		1145		844.6					2004.13	
✓ 30	✓	1202		799.2					1999.11	
	1	1216		807.3	-0.8/0					

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Pershing

 STATE Nev

 AREA colado

 INST. NO. w 152

PARTY NO. _____

PARTY MGR. _____

 K = .1102 (2)

 DATE 6-10-77

 OBSERVER P. ELLIS

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
✓ 46	✓	1229		861.4					2005.94	
99		1238		882.8					2008.96	
✓ 100		1243		872.9					2007.28	2007.20
✓ 101		1248		852.2					2004.91	
102		1253		847.5					2004.39	
103		1258		844.3					2004.03	
104		1302		840.7					2003.63	
105		1309		840.7					2003.62	
106		1313		864.7					2006.27	
107		1316		864.1					2006.20	
✓ 108		1321		894.3					2009.52	
109		1326		872.8					2007.15	
✓ 110		1331		852.3					2004.88	
✓ 111		1352		789.2					1997.91	
✓ 112		1356		785.1					1997.45	
✓ 113		1359		782.4					1997.15	
✓ 33	✓	1406		800.8					1999.17	
	1	1415		808.4		-11/2				
✓ 113	✓	1423		782.3					1997.12	
✓ 114		1428		780.1					1996.88	
115		1435		770.4					1995.81	
116		1439		755.1					1994.12	
117		1442		737.7					1992.20	
118		1448		709.4					1989.08	
119		1453		690.6					1987.01	
120		1457		665.3					1984.00	
121		1500		637.5					1981.16	
122		1504		610.3					1978.16	
123		1508		588.6					1975.76	
124		1514		575.6					1974.33	
125		1520		557.7					1972.36	
126		1524		543.7					1970.81	
127		1528		522.2					1968.44	
128		1532		501.9					1966.20	
129		1536		479.7					1963.76	
130		1541		437.2					1959.07	
131		1545		412.1					1956.30	
132		1549		402.9					1955.22	
133		1553		391.4					1954.02	
134		1557		381.1					1952.98	
✓ 112	✓	1608		785.1					1997.41	
	1	1614		808.6		-02/0				

LANTON SURVEYS CO.

INSTRUMENT SHEET

COUNTY Pershing

PARTY NO. _____

STATE Nev

K = .1102 (2)

PARTY MGR. _____

AREA colado

DATE 6-13-77

OBSERVER D ELLIS

INST. NO. W 152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	0731		820.4						
	1	0738		820.7						
	1	0747		820.7	0		2000.00			
✓ 110	✓	0806		864.1			2004.79			
135		0812		864.1			2004.79			
137		0819		855.6			2003.85			
138		0833		843.9			2002.56			
139		0840		836.4			2001.74			
140		0846		826.2			2000.61			
141		0851		825.2			2000.51			
142		0857		826.7			2000.67			
143		0902		833.4			2001.41			
144		0908		837.6			2001.87			
145		0915		823.4			2000.31			
146		0921		829.7			2001.01			
✓ 147		0933		821.5			2000.10			
136		0954		866.5			2005.07			
✓ 101	✓	1004		864.7			2004.87			
	1	1015		820.5	0.2/6		2000.00			
✓ 147	✓	1044		821.5			2000.10			
148		1052		821.8			2000.13			
149		1100		809.5			1998.77			
150		1107		795.5			1997.22			
151		1114		783.4			1995.88			
152		1133		782.8			1995.81			
153		1139		769.9			1994.39			
154		1149		757.0			1992.96			
155		1156		740.8			1991.17			
156		1203		725.3			1989.46			
157		1211		720.7			1988.95			
✓ 158		1221		729.7			1989.94			
✓ 98	✓	1251		858.4			2004.11			
	1	1307		821.2	-0.2/6		2000.00			
✓ 158	✓	1348		731.0			1990.01			
159		1354		753.2			1992.45			
160		1401		759.0			1993.14			
161		1412		762.7			1993.47			
162		1416		769.4			1994.20			
163		1421		777.8			1995.12			
164		1425		780.7			1995.44			

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Pershing

PARTY NO. _____

 STATE Nev

 K = 1102 (2)

PARTY MGR. _____

 AREA colado

 DATE 6-14-77

 OBSERVER D ELLIS

 INST. NO. W152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	#	0536		823.0						
	1	0543		823.7						
	1	0548		823.7	0		2002.00			
✓ 172	✓	0609		879.5			2006.13			
		0615		870.8			2005.17			
✓ 177		0622		856.1			2003.54			
178		0636		843.3			2002.11			
179		0644		829.1			2000.54			
180		0651		821.0			1999.64			
181		0659		820.0			1999.52			
182		0706		822.1			1999.75			
183		0714		824.7			2000.03			
184		0720		823.0			1999.83			
185		0726		820.2			1999.52			
186		0739		812.7			1998.68			
187		0743		809.9			1998.37			
188		0753		801.9			1997.48			
189		0759		799.4			1997.19			
190		0805		792.0			1996.37			
191		0810		783.8			1995.46			
192		0823		785.1			1995.60			
193		0829		789.3			1996.05			
✓ 80	✓	0914		803.0			1997.52			
	1	0936		825.7	-20%		2000.00			
✓ 94	✓	0952		864.3			2004.25			
		0959		852.3			2002.92			
195		1006		834.0			2000.90			
196		1012		815.0			1998.80			
197		1018		799.1			1997.05			
198		1023		788.2			1995.85			
199		1028		776.5			1994.55			
200		1032		764.9			1993.27			
201		1037		763.8			1993.15			
202		1042		767.8			1993.59			
203		1047		771.0			1993.94			
204		1053		775.2			1994.40			
205		1059		774.8			1994.35			
206		1107		777.2			1994.61			
207		1113		777.4			1994.63			
208		1118		768.6			1993.66			
209		1124		764.5			1993.21			
✓ 210		1137		761.6			1992.88			
✓ 86	✓	1154		754.3			1992.07			

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Perch

PARTY NO. _____

 STATE Nev

 K = 1102 (2)

PARTY MGR. _____

 AREA calado

 DATE 6-14-77

 OBSERVER D ELLIS

 INST. NO. W152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	1204		826.3	-0.6		2000.00			
	1	1249		826.4	0		2000.00			
✓ 210	✓	1302		761.6			1992.85			
211		1306		758.2			1992.47			
✓ 212		1310		758.0			1992.45			
213		1315		759.7			1992.63			
214		1321		757.1			1992.35			
215		1325		759.6			1992.62			
216		1329		758.2			1992.46			
217		1333		759.1			1992.56			
✓ 218		1336		762.0			1992.88			
219		1340		762.7			1992.95			
220		1344		764.6			1993.16			
221		1348		769.9			1993.74			
222		1352		773.4			1994.13			
✓ 223		1356		780.1			1994.86			
224		1401		784.7			1995.37			
225		1405		779.6			1994.80			
226		1409		778.5			1994.68			
227		1415		783.5			1995.23			
228		1422		813.3			1998.51			
229		1428		819.6			1999.20			
✓ 87	✓	1448		760.7			1992.70			
	1	1458		827.0	-0.66		2000.00			
✓ 223	✓	1516		781.4			1994.94			
230		1523		786.1			1995.44			
231		1528		791.3			1996.00			
232		1537		801.2			1997.08			
233		1542		809.9			1998.03			
234		1548		819.5			1999.07			
235		1554		825.7			1999.74			
236		1601		832.1			2000.43			
237		1606		835.6			2000.81			
✓ 212	✓	1648		760.5			1992.45			
	1	1658		829.2	-2.2		2000.00			

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Pershing

PARTY NO. _____

 STATE Nev.

 K = .1102 (2)

PARTY MGR. _____

 AREA Calado

 DATE 6-15-77

 OBSERVER D. Ellis

 INST. NO. 4152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	0606		832.7						
	1	0611		832.7						
	1	0616		832.7			2000.00			
✓ 108	✓	0632		918.1			2009.43			
✓ 239		0701		829.0			1999.63			
✓ 240		0706		833.7			2000.16			
✓ 241		0711		875.7			2004.73			
✓ 242		0716		885.4			2005.86			
✓ 243		0721		895.3			2006.96			
✓ 244		0726		905.4			2008.08			
✓ 114	✓	0747		803.3			1996.84			
	1	0753		831.9	0.8		2000.00			
✓ 177	✓	0820		865.1			2003.65			
✓ 245		0827		851.2			2002.12			
✓ 246		0833		841.5			2001.05			
✓ 247		0839		829.1			1999.68			
✓ 248		0846		818.5			1998.51			
✓ 249		0852		807.4			1997.28			
✓ 250		0858		796.2			1996.06			
✓ 251		0903		784.1			1994.71			
✓ 252		0909		775.3			1993.74			
✓ 253		0916		765.7			1992.68			
✓ 254		0920		765.2			1992.62			
✓ 218	✓	0926		767.0			1992.82			
	1	0941		832.2	10.5/0		2000.00			
✓ 111	✓	0947		813.2			1997.90			
✓ 255		0953		827.2			1999.45			
✓ 256		0958		813.6			1997.95			
✓ 257		1004		814.2			1998.01			
✓ 258		1010		816.9			1998.31			
✓ 259		1015		827.8			1999.51			
✓ 260		1021		833.8			2000.17			
✓ 261		1028		846.2			2001.53			
✓ 262		1032		862.0			2003.27			
✓ 263		1041		890.8			2006.44			
✓ 264		1050		905.7			2008.08			
✓ 265		1055		908.1			2008.35			
✓ 266		1102		917.4			2009.37			
✓ 267		1108		915.4			2009.15			
✓ 268		1113		920.4			2009.70			
✓ 269		1133		901.8			2007.64			

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Pershing

PARTY NO. _____

 STATE Nev.

 K = .1102 (2)

PARTY MGR. _____

 AREA colado

 DATE 6-15-77

 OBSERVER D ELLIS

 INST. NO. w 152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
✓ 116	✓	1146		779.2			1994.13			
	1	1155		832.5	-0.3%		2000.00			
✓ 269	✓	1206		901.2			2007.56			
✓ 270		1210		876.8			2004.86			
271		1215		877.4			2004.92			
272		1220		891.5			2006.47			
273		1224		892.5			2006.58			
274		1306		870.7			2004.12			
275		1316		835.5			2000.23			
276		1324		788.1			1995.00			
277		1334		774.5			1993.49			
278		1348		734.8			1989.09			
✓ 255	✓	1423		829.2			1999.51		1999.45	
	1	1427		834.2	-0.7%		2000.00			
278	✓	1459		735.8			1989.10			
279		1510		676.9			1982.59			
280		1516		686.5			1983.64			
281		1522		690.8			1984.11			
282		1529		677.0			1982.58			
283		1538		665.7			1981.32			
284		1549		639.1			1978.37			
286		1554		619.3			1976.18			
286		1607		594.9			1973.47			
287		1622		571.2			1970.89			
288		1629		554.3			1968.96			
✓ 258	✓	1725		820.2			1998.18			
	1	1735		836.9			2000.00			

LANTON SURVEYS CO.

INSTRUMENT SHEET

COUNTY Pershing
 STATE NJ
 AREA Colorado
 INST. NO. W157

K = .1102 (2)
 DATE 6-16-77

PARTY NO. _____
 PARTY MGR. _____
 OBSERVER D ELLIS
 COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	1140		838.9						
	1	1145		1838.9						
	1	1150		1838.9						
	1	1155		1838.9					2000.00	
✓ 114	✓	1200		1811.1					1996.93	
289		1206		1811.9					1997.01	
290		1211		1818.8					1997.76	
291		1224		1571.3					1970.47	
292		1231		1537.5					1966.73	
293		1238		1492.3					1961.74	
294		1246		1398.6					1951.90	
295		1253		1331.5					1944.00	
296		1304		1515.2					1964.23	
297		1311		14178.7					1960.20	
298		1317		1455.7					1957.66	
299		1327		1413.1					1952.95	
300		1335		14112.8					1956.21	
301		1342		14175.8					1959.84	1959.85
302		1349		14160.9					1960.39	
303		1356		1500.5					1962.55	
✓ 124	✓	1409		1607.7					1974.35	
	1	1421		1840.6					2000.00	
✓ 119	✓	1432		1723.7					1987.11	
304		1443		1689.6					1983.35	
305		1451		1663.7					1980.49	
306		1459		1636.0					1977.44	
307		1510		1602.3					1973.72	1973.72
308		1518		1568.1					1969.95	
309		1527		1532.5					1966.02	
✓ 117	✓	1552		1770.2					1992.21	
	1	1601		1840.9					2000.00	

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Pershing

PARTY NO. _____

 STATE Nev.

 K = .1102 (2)

PARTY MGR. _____

 AREA Calado

 DATE 6-17-77

 OBSERVER D Ellis

 INST. NO. W152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	0633		1846.3						
	1	0639		1846.3						
	1	0644		1846.3			2000.00			
✓ 239	✓	0727		1844.0			1999.71			
✓ 238		0739		1851.0			2000.47			
310		0755		1891.9			2004.96		2000.00	
311		0801		1886.6			2004.38			
312		0809		1876.3			2003.23			
313		0813		1860.1			2001.44			
314		0818		1838.4			1999.05			
315		0822		1851.6			2000.50			
316		0827		1863.9			2001.85			
317		0834		1882.6			2003.91			
318		0838		1909.8			2006.90			
✓ 319		0844		1914.9			2007.46			
✓ 110	✓	0858		1891.8			2004.90			
	1	0917		1847.5			2000.00			
✓ 319	✓	0947		1914.2			2007.60			
320		0957		1911.8			2007.12			
321		1003		1917.4			1908.89			
322		1009		1938.0			2009.77			
323		1015		1928.6			2009.53			
324		1021		1908.3			2006.57			
325		1026		1902.9			2006.68			
326		1031		1924.8			2009.13			
327		1037		1934.4			2010.24			
328		1042		1932.5			2010.07			
329		1048		1924.6			2009.25			
330		1054		1913.1			2008.04			
331		1101		1896.9			2006.31			
256	✓	1125		1828.0			1998.91			
	1	1131		1837.4			2000.00			

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Porching

PARTY NO. _____

 STATE Nev

 K = .1102 (2)

PARTY MGR. _____

 AREA colado

 DATE 6-17-77

 OBSERVER D ELLIS

 INST. NO. W152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	1430		1848.7						
	1	1435		1848.7	0					
- 319	✓	1505		1915.5			2007.33			
320		1510		1912.8			2007.03			
321		1515		1918.2			2007.62			
322		1520		1933.7			2009.32			
323		1526		1931.7			2009.10			
✓ 324		1531		1904.6			2006.10			
225		1535		1905.2			2006.17			
326		1538		1926.7			2008.53			
327		1543		1936.4			2009.60			
328		1547		1935.0			2009.44			
329		1553		1936.6			2008.51			
330		1559		1915.5			2007.72		2007.28	
331		1606		1899.4			2005.50			
- 270	✓	1635		1894.4			2004.91			
	1	1645		1849.9	-1.4					
- 256	✓	1650		1830.5			1997.86			
332		1654		1828.2			1997.68		1997.60	
333		1659		1825.9			1997.34			
334		1702		1823.2			1997.04			
335		1709		1818.1			1996.46			
336		1713		1812.7			1995.86			
337		1722		1803.4			1994.83			
338		1726		1795.8			1993.98			
339		1732		1791.9			1993.55			
340		1736		1787.9			1993.10			
341		1741		1788.0			1993.11			
342		1745		1791.2			1993.45			
343		1749		1794.0			1993.76			
344		1755		1798.0			1994.19			
345		1758		1799.7			1994.37			
346		1806		1800.8			1994.48			
347		1810		1803.3			1994.75			
348		1813		1804.5			1994.88			
349		1820		1809.3			1995.40			
350		1824		1816.3			1996.17			
351		1829		1823.0			1996.90			
1 352		1835		1830.4			1997.71			
✓ 29	✓	1848		1835.3			1998.23			
	1	1854		1851.4	-1.5					

463
353
50

LANTON SURVEYS CO.

INSTRUMENT SHEET

COUNTY Pershing

PARTY NO. _____

STATE Nev

K = .1102 (2)

PARTY MGR. _____

AREA Colando

DATE 6-18-77

OBSERVER D ELLIS

INST. NO. W 152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	05 23		18541.5						
	1	05 29		18541.5						
	1	05 35		18541.5	0		2000.0			
<u>352</u>	✓	05 47		1832.9			1997.77		1997.62	
353		05 53		1826.8			1997.17		1996.95	
354		05 58		1821.7			1996.67		1996.39	
355		06 09		1828.6			1997.56		1997.16	
356		06 14		1820.5			1996.73		1996.27	
357		06 20		1817.7			1996.49		1995.96	
358		06 25		1821.6			1996.98		1996.40	
359		06 29		1828.8			1997.83		1997.19	
360		06 34		1838.4			1998.95		1998.25	
361		06 39		1845.0			1999.73		1998.98	
362		06 43		1847.5			2000.06		1999.26	
363		06 48		1850.8			2000.48		1999.62	
364		06 52		1853.7			2000.85		1999.94	
✓ 365		06 57		1849.6			2000.46		1999.50	
<u>14</u>	✓	07 02		1843.1			1999.80		1998.78	
	1	07 18		1854.1	<u>0</u>					
<u>268</u>	✓	07 31		1942.2			2009.71			
366		08 06		1924.4			2007.74			
367		08 16		1902.5			2005.32			
368		08 23		1893.9			2004.37			
369		08 32		1881.6			2003.02			
370		08 38		1889.7			2003.91			
371		08 44		1901.4			2005.20			
<u>265</u>	✓	08 53		1928.6			2008.19			
	1	09 08		1854.3	<u>-20</u>					
<u>100</u>	✓	09 42		1918.9			2007.12			
372		09 48		1906.3			2005.73			
373		09 53		1894.7			2004.45			
374		10 01		1884.2			2003.29			
375		10 06		1876.3			2002.42			
376		10 11		1869.1			2001.62			
377		10 30		1861.2			2000.75			
378		10 35		1852.6			1999.80			
379		10 42		1825.4			1996.88			
380		10 51		1818.1			1995.99			
381		11 01		1813.3			1995.46			
<u>115</u>	✓	11 22		1914.1			2006.57			

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Pershing

PARTY NO. _____

 STATE Nev

 K = .1102 (2)

PARTY MGR. _____

 AREA Colorado

 DATE 6-18-77

 OBSERVER D Ellis

 INST. NO. W152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	I	1136		1854.5	0					
✓ 44	✓	1158		1870.5			2001.77			
382		1206		1838.6			1998.25			
383		1213		1817.0			1995.87			
384		1221		1775.9			1991.34			
385		1303		1857.5			2000.34			
386		1312		1846.2			1999.10			
387		1322		1830.4			1997.36			
388		1334		1826.3			1996.91			
✓ 365	✓	1403		1852.0			1999.74			
	I	1419		1854.3	1/2					
✓ 18	✓	1434		1819.3			1996.14			
389		1442		1845.7			1999.04			
390		1448		1845.6			1999.03			
391		1456		1823.3			1996.57			
392		1506		1836.5			1998.02			
393		1516		1835.9			1997.95			
394		1524		1839.0			1998.29			
395		1525		1816.4			1995.79			
396		1544		1780.1			1991.79			
397		1556		1846.3			1999.08			
398		1604		1874.0			2002.13			
399		1611		1879.2			2002.70			
400		1616		1873.7			2002.09			
401		1621		1873.8			2002.10			
402		1633		1888.7			2003.74			
403		1641		1855.3			2000.05			
✓ 11	✓	1647		1807.0			1994.72			
	I	1657		1854.9	1/2					

LANTON SURVEYS CO.

INSTRUMENT SHEET

 COUNTY Pershing

PARTY NO. _____

 STATE Nevada

 K = .1102 (2)

PARTY MGR. _____

 AREA Colo

 DATE 6-26-77

 OBSERVER Stover

 INST. NO. W152

COMPUTER _____

STATION	BASE	TIME	MIN.	DIAL RD.	DR.	ADJ. RD.	TRUE GR.	INC.	ADJ. GR.	REMARKS
	1	0640		1892.6						
	1	0645		1892.6	0				2000.00	
324	✓	0720		1947.6					2006.07	
404		0723		1925.4					2003.63	
405		0728		1901.4					2000.98	
406		0732		1891.1					1999.85	
407		0735		1888.2					1999.53	
408		0739		1892.7					2000.03	
409		0743		1891.9					1999.94	
410		0748		1894.9					2000.27	
411		0753		1896.6					2000.46	
412		0754		1898.0					2000.62	
413		0803		1890.3					1999.77	
414		0809		1893.3					2000.10	
415		0814		1899.2					2000.75	
416		0819		1894.0					2000.18	
417		0827		1970.0					2008.56	
418		0830		1978.6					2009.51	
	1	0845		1892.3	+3/0				2000.00	
419		0901		1836.4					1996.80	1993.82
420		0905		1839.5					1994.14	
421		0908		1841.1					1994.33	
422		0911		1845.5					1994.80	
423		0915		1850.2					1995.33	
	1	0950		1892.9	-6				2000.00	

Colorado Area, Pershing Co., Nevada

Gravity

@ 2.67 gm/cm³

Zone D

AMPAG EFFICIENCY® LINE NO. 636-P



	1 Sta.	2 Elev ^{ft.}	3 Gt ^{Gals}	4 Gt ^{m³}	5 T ^{mp^l}	6 BAs ^{-2000 wgt}	7 BA _c	8	9
1	1	3994.5	980.19972	1999.39	.026	39.3	39.3		
2	2	3997.6	.19972	1997.16	.026	37.3	37.3		
3	3	3993.6	.19972	1995.53	.026	35.4	35.4		
4	4	3998.7	.19972	1994.50	.026	34.2	34.2		
5	5	3991.4	.19972	1993.98	.022	33.7	33.7		
6	6	3991.9	.19972	1993.51	.022	33.3	33.3		
7	7	3995.7	.19972	1993.16	.022	33.1	33.1		
8	8	3995.2	.19972	1993.47	.022	33.4	33.4		
9	9	3997.2	.19972	1993.89	.022	34.0	34.0		
10	10	3997.3	.19974	1994.43	.092	34.5	34.6		
11	11	3996.3	.19976	1994.74	.092	34.7	34.8		
12	12	3998.7	.19976	1996.31	.092	36.0	36.1		
13	13	3997.9	.19964	1997.42	.295	37.6	37.9		
14	14	4022.4	.19927	1998.83	.385	40.9	41.3		
15	15	4018.1	.19924	2003.89	.362	45.7	46.1		
16	16	4051.7	.19927	2000.20	.462	44.0	44.5		
17	17	4112.3	.19932	1997.51	.427	44.9	45.3		
18	18	4161.4	.19937	1996.16	.575	46.4	47.0		
19	19	4126.6	.19941	1998.00	.697	49.1	49.8		
20	20	4183.8	.19959	1997.87	.904	49.3	50.2		
21	21	4091.2	.19992	2003.62	.908	49.1	50.0		
22	22	4091.0	.20016	2002.93	.908	48.2	49.1		
23	23	4099.5	.20048	2001.63	.908	47.1	48.0		
24	24	4106.1	.20078	2000.73	.908	46.3	47.2		
25	25	4110.3	.20107	2000.57	.647	46.1	46.7		
26	26	4118.6	.20133	2000.07	.647	45.8	46.4		
27	27	4132.5	.20159	1999.28	.647	45.6	46.2		
28	28	4146.2	.20184	1998.52	.647	45.4	46.0		
29	29	4151.2	.20201	1998.24	.647	45.3	45.9		
30	30	4119.9	.20204	1999.12	.647	44.2	44.8		
31	31	4094.4	.20204	1999.64	.647	43.2	43.8		
32	32	4157.5	.20230	1998.26	.536	45.4	45.9		
33	33	4158.5	.20260	1999.18	.536	46.1	46.7		
34	34	4161.6	.20285	2000.26	.536	47.1	47.6		
35	35	4173.2	.20312	2001.80	.536	49.0	49.5		
36	36	4185.9	.20337	2002.62	.536	50.4	50.9		
37	37	4190.4	.20359	2003.79	.536	51.6	52.1		
38	38	4206.5	.20385	2004.60	.536	53.1	53.6		
39	39	4230.6	.20422	2004.08	.536	53.7	54.2		
40	40	4231.3	.20444	2004.60	.722	54.0	54.7		
41	41	4242.2	.20466	2004.40	.722	54.2	54.9		
42	42	4262.4	.20497	2002.96	.722	53.7	54.4		
43	43	4309.7	.20533	1999.96	.722	53.2	53.9		
44	44	4291.0	.20555	2001.85	.722	53.9	54.4		
45	45	4246.1	.20579	2005.61	.706	54.5	55.2		
46	46	4238.3	.20594	2005.93	.706	54.0	54.7		
47	47	4217.6	.20616	2007.26	.706	54.1	54.8		
48	48	4233.4	.20638	2006.00	.706	53.6	54.3		
49	49	4216.7	.20656	2006.77	.706	53.2	53.9		
50	50	4241.4	.20674	2004.67	.591	52.4	53.0		

AMPAD EFFICIENCY LINE NO. 636-P

	1 Sta	2 Elev	3 Gt	4 Gd	5 Tc	6 BAs	7 Bal	8	9
1	51	4267.0	980.20690	2003.32	.591	52.4	53.0		
2	52	4274.0	.20705	2002.35	.591	51.7	52.3		
3	53	4274.4	.20726	1999.84	.591	49.0	49.6		
4	54	4283.9	.20750	1996.28	.591	45.8	46.4		
5	55	4279.7	.20770	1995.23	.446	44.3	44.7		
6	56	4268.5	.20793	1994.73	.446	42.9	43.3		
7	57	4260.5	.20812	1994.39	.446	41.9	42.3		
8	58	4248.2	.20834	1994.19	.446	40.7	41.1		
9	59	4239.4	.20853	1993.80	.446	39.6	40.0		
10	60	4234.6	.20874	1994.17	.446	39.5	39.9		
11	61	4232.6	.20896	1994.19	.446	39.1	39.5		
12	62	4235.0	.20920	1993.34	.446	38.2	38.6		
13	63	4239.7	.20941	1992.58	.446	37.5	37.9		
14	64	4250.1	.20960	1991.96	.446	37.3	37.7		
15	65	4258.3	.20979	1991.28	.446	36.9	37.3		
16	66	4249.9	.20994	1990.88	.446	35.9	36.3		
17	67	4235.0	.21002	1991.22	.446	35.3	35.7		
18	68	4215.9	.21009	1992.62	.446	35.4	35.8		
19	69	4200.6	.21017	1994.84	.446	36.7	37.1		
20	70	4183.0	.21027	1996.43	.446	37.1	37.5		
21	71	4169.6	.21034	1997.67	.446	37.5	37.9		
22	72	4151.1	.21037	1999.93	.446	38.6	39.0		
23	73	4142.7	.21022	2000.54	.446	38.8	39.2		
24	74	4153.9	.21024	1999.10	.446	38.1	38.5		
25	75	3997.9	.20004	2000.16	.019	40.0	40.0		
26	76	4000.2	.20036	1999.93	.019	39.5	39.5		
27	77	4000.2	.20067	2001.80	.019	41.1	41.1		
28	78	4000.0	.20100	2002.71	.019	41.7	41.7		
29	79	4001.9	.20103	1999.86	.019	38.9	38.9		
30	80	4001.9	.20103	1997.54	.019	36.6	36.6		
31	81	4000.9	.20103	1995.85	.019	34.8	34.8		
32	82	4002.7	.20104	1994.36	.019	33.4	33.4		
33	83	4002.4	.20104	1993.62	.019	32.7	32.7		
34	84	4002.3	.20104	1993.13	.019	32.2	32.2		
35	85	4002.5	.20104	1992.74	.019	31.8	31.8		
36	86	4005.2	.20107	1992.12	.019	31.3	31.3		
37	87	4002.6	.20073	1992.62	.019	32.0	32.0		
38	88	4001.8	.20041	1992.93	.019	32.6	32.6		
39	89	3999.2	.20011	1993.35	.019	33.2	33.2		
40	90	3994.8	.20004	1993.84	.019	33.5	33.5		
41	91	3997.5	.20036	1993.98	.019	33.4	33.4		
42	92	4001.1	.20070	1993.96	.019	33.3	33.3		
43	93	4000.2	.20133	2003.55	.019	42.2	42.2		
44	94	3994.8	.20167	2003.94	.026	41.9	41.9		
45	95	3996.4	.20196	2003.41	.026	41.2	41.2		
46	96	3994.3	.20226	2003.54	.031	40.9	40.9		
47	97	3996.4	.20256	2003.69	.106	40.9	41.0		
48	98	3998.4	.20293	2004.12	.109	41.1	41.2		
49	99	4184.2	.20629	2008.96	.786	53.7	54.4		
50	100	4151.7	.20653	2007.16	.706	49.7	50.4		

AMPAD EFFICIENCY LINE NO. 636-P

	1 Sta	2 Eleo	3 GE	4 G _o	5 Tc	6 BAs	7 BAL	8 Tc	9
1	101	4134.7	980.20683	2004.89	.439	46.1	46.5		
2	102	4126.3	.20701	2004.39	.439	44.9	45.3		
3	103	4128.5	.20726	2004.03	.428	44.4	44.8		
4	104	4127.9	.20748	2003.63	.428	43.8	44.2		
5	105	4122.7	.20770	2003.62	.425	43.2	43.6		
6	106	4081.6	.20790	2006.27	.400	43.2	43.6		
7	107	4076.6	.20807	2006.20	.378	42.7	43.1		
8	108	4037.1	.20822	2009.48	.378	43.4	43.8		
9	109	4079.2	.20838	2007.15	.378	43.5	43.9		
10	110	4118.4	.20849	2004.86	.376	43.4	43.8		
11	111	4192.2	.20199	1997.90	.668	47.4	48.1		
12	112	4234.1	.20196	1997.43	.668	49.5	50.2		
13	113	4273.4	.20192	1997.14	.668	51.6	52.3		
14	114	4325.7	.20177	1996.88	.668	54.6	55.3		
15	115	4364.8	.20162	1995.81	.668	56.0	57.7		
16	116	4415.5	.20147	1994.12	1.149	57.5	58.6		
17	117	4462.2	.20133	1992.20	1.149	58.6	59.7		
18	118	4510.7	.20118	1989.08	1.149	58.5	59.6		
19	119	4547.4	.20104	1987.06	1.149	58.8	59.9		
20	120	4590.8	.20082	1984.00	1.149	58.6	59.7	2.22	
21	121	4628.1	.20078	1981.16	2.687	58.0	60.7		
22	122	4675.2	.20060	1978.16	2.687	58.0	60.7		
23	123	4705.0	.20048	1975.76	2.687	57.5	60.2		
24	124	4739.0	.20044	1974.34	2.687	58.2	60.9		
25	125	4778.0	.20033	1970.36	2.687	58.7	61.4		
26	126	4816.2	.20026	1970.81	1.497	59.5	61.0		
27	127	4851.6	.20008	1968.44	1.497	59.4	60.9		
28	128	4884.5	.19996	1966.20	1.497	59.3	60.8		
29	129	4921.6	.19969	1963.76	1.497	59.3	60.8		
30	130	4964.8	.19949	1959.07	1.497	57.4	58.9		
31	131	5009.2	.19929	1956.30	1.497	57.5	59.0		
32	132	5041.6	.19910	1955.22	1.497	58.6	60.1		
33	133	5071.1	.19889	1954.02	1.497	59.3	60.8		
34	134	5096.5	.19875	1952.88	1.497	59.9	61.4		
35	135	4129.9	.20868	2004.79	.350	43.9	44.3		
36	136	4141.6	.20886	2005.07	.350	44.7	45.1		
37	137	4122.1	.20844	2003.85	.350	42.7	43.1		
38	138	4124.7	.20834	2002.56	.350	41.7	42.1		
39	139	4126.2	.20834	2001.74	.350	40.9	41.3		
40	140	4133.6	.20831	2000.61	.350	40.3	40.7		
41	141	4134.6	.20824	2000.51	.350	40.3	40.7		
42	142	4138.5	.20824	2000.67	.350	40.7	41.4		
43	143	4144.0	.20827	2001.41	.267	41.7	42.0		
44	144	4163.1	.20837	2001.87	.267	40.2	43.5		
45	145	4204.4	.20837	2000.31	.267	44.2	44.5		
46	146	4214.0	.20834	2001.01	.267	45.5	45.8		
47	147	4240.8	.20831	2000.10	.267	46.2	46.5		
48	148	4249.6	.20827	2000.13	.267	46.8	47.1		
49	149	4272.0	.20822	1998.77	.267	47.1	47.4		
50	150	4312.0	.20815	1997.22	.350	47.8	48.2		

Zone D

Zone J

AMPAC EFFICIENCY LINE NO. 636-P


	1 Sta	2 Elev	3 Gt	4 G _o	5 Tc	6 BAs	7 BAl	8 Tc	9
1	151	4350.4	980.20812	1995.88	.350	48.7	49.1		
2	152	4370.6	.20807	1995.81	.350	49.9	50.3		
3	153	4391.7	.20801	1994.39	.350	49.8	50.2		
4	154	4430.0	.20797	1992.96	.350	50.8	51.2		
5	155	4478.5	.20797	1991.17	.350	51.9	52.3		
6	156	4558.1	.20800	1989.46	.350	54.9	55.3		
7	157	4619.6	.20807	1988.95	.350	58.0	58.4		
8	158	4614.1	.20819	1989.98	.350	58.6	59.0	0.84	
9	159	4552.7	.20816	1992.45	.350	57.4	57.8		
10	160	4499.5	.20775	1993.14	.350	55.3	55.7		
11	161	4450.4	.20748	1993.47	.350	53.3	53.7		
12	162	4401.9	.20718	1994.20	.347	51.1	51.4		
13	163	4351.4	.20681	1995.12	.345	49.4	49.7		
14	164	4319.7	.20649	1995.44	.340	48.1	48.4		
15	165	4293.1	.20622	1995.69	.333	47.0	47.3		
16	166	4253.0	.20597	1996.90	.333	46.1	46.4		
17	167	4206.6	.20570	1998.57	.328	45.2	45.5		
18	168	4159.7	.20537	2000.78	.328	45.0	45.3		
19	169	4124.8	.20515	2002.66	.393	45.0	45.4		
20	170	4078.1	.20481	2004.44	.356	44.3	44.7		
21	171	4046.2	.20453	2005.66	.310	43.9	44.2		
22	172	4027.9	.20416	2006.20	.206	43.7	43.9		
23	173	4011.5	.20385	2006.15	.106	43.0	43.1		
24	174	4002.7	.20355	2006.07	.106	42.6	42.7		
25	175	4000.6	.20319	2005.24	.304	42.0	42.3		
26	176	4037.1	.20437	2005.17	.230	43.0	43.2		
27	177	4051.9	.20448	2003.60	.230	42.2	42.4		
28	178	4060.3	.20463	2002.11	.230	41.1	41.3		
29	179	4071.0	.20475	2000.54	.230	40.0	40.2		
30	180	4071.0	.20489	1999.64	.230	39.0	39.2		
31	181	4062.3	.20503	1999.52	.230	38.2	38.4		
32	182	4048.7	.20512	1999.75	.230	37.5	37.7		
33	183	4034.5	.20530	2000.03	.230	36.8	37.0		
34	184	4028.0	.20540	1999.83	.230	36.1	36.3		
35	185	4024.9	.20552	1999.52	.211	35.5	35.7		
36	186	4027.3	.20567	1998.68	.211	34.6	34.8		
37	187	4030.9	.20579	1998.37	.211	34.4	34.6		
38	188	4041.2	.20592	1997.48	.211	34.0	34.2		
39	189	4045.9	.20604	1997.19	.211	33.9	34.1		
40	190	4052.9	.20615	1996.37	.214	33.6	33.8		
41	191	4071.5	.20626	1995.46	.214	33.5	33.7		
42	192	4071.2	.20637	1995.60	.214	33.5	33.7		
43	193	4070.4	.20646	1996.05	.214	33.8	34.0		
44	194	3999.2	.20311	2002.92	.230	39.7	39.9		
45	195	3996.5	.20311	2000.90	.230	37.5	37.7		
46	196	3999.5	.20311	1998.80	.230	35.6	35.8		
47	197	4000.5	.20311	1997.05	.230	33.9	34.1		
48	198	4000.9	.20311	1995.85	.230	32.8	33.0		
49	199	4001.9	.20311	1994.55	.230	31.5	31.7		
50	200	4003.6	.20312	1993.27	.102	30.3	30.4		



	1 Sta	2 Eleo	3 Gc	4 Co	5 Tc	6 BAs	7 BAe	8	9
1	201	4006.2	980.20312	1993.15	.102	30.4	30.5		
2	202	4004.0	.20293	1993.59	.102	30.9	31.0		
3	203	4003.6	.20271	1993.94	.102	31.4	31.5		
4	204	4001.8	.20250	1994.40	.102	32.0	32.1		
5	205	4003.0	.20229	1994.35	.102	32.2	32.3		
6	206	3998.6	.20199	1994.61	.102	32.5	32.6		
7	207	3999.3	.20184	1994.63	.102	32.7	32.8		
8	208	4002.6	.20186	1993.66	.102	31.9	32.0		
9	209	4000.8	.20184	1993.21	.102	31.4	31.5		
10	210	3999.8	.20186	1992.86	.102	31.0	31.1		
11	211	4001.8	.20152	1992.47	.102	31.0	31.1		
12	212	4001.5	.20127	1992.45	.122	31.2	31.3		
13	213	4002.6	.20208	1992.63		30.7	30.8		
14	214	4005.7	.20236	1992.35		30.3	30.4		
15	215	4004.8	.20266	1992.62		30.2	30.3		
16	216	4008.7	.20293	1992.46		30.0	30.1		
17	217	4011.0	.20322	1992.56		30.0	30.1		
18	218	4012.4	.20364	1992.85		29.9	30.0		
19	219	4015.4	.20389	1992.95		29.9	30.0		
20	220	4020.3	.20426	1992.16		30.1	30.2		
21	221	4020.4	.20453	1993.74		30.4	30.5		
22	222	4024.1	.20481	1994.13		30.7	30.8		
23	223	4024.1	.20512	1994.90		31.2	31.3		
24	224	4027.6	.20540	1995.37		31.6	31.7		
25	225	4030.8	.20567	1994.80		32.1	32.2		
26	226	4035.5	.20592	1994.68		32.7	32.8		
27	227	4066.4	.20615	1995.23		33.0	33.1		
28	228	4035.2	.20623	1998.51		34.4	34.5		
29	229	4041.1	.20638	1999.20		35.2	35.3		
30	230	4028.3	.20545	1995.44	.122	31.7	31.8		
31	231	4039.5	.20577	1996.00	.214	32.6	32.8		
32	232	4067.8	.20644	1997.08	.214	34.7	34.9		
33	233	4073.2	.20674	1998.03	.217	35.6	35.8		
34	234	4081.5	.20703	1999.07	.227	36.9	37.1		
35	235	4094.0	.20730	1999.74	.233	38.0	38.2		
36	236	4106.7	.20763	2000.43	.244	39.2	39.4		
37	237	4119.3	.20790	2000.81	.267	40.0	40.3		
38	238	4039.9	.20646	2000.47	.122	36.4	36.5		
39	239	4073.7	.20674	1999.67	.134	37.3	37.4		
40	240	4082.6	.20689	2000.16	.174	38.2	38.4		
41	241	4038.1	.20712	2004.73	.177	39.9	40.1		
42	242	4040.0	.20745	2005.86	.217	40.8	41.0		
43	243	4044.8	.20772	2006.96	.298	41.9	42.2		
44	244	4042.4	.20800	2008.08	.364	42.6	43.0		
45	245	4046.3	.20445	2002.12	.206	40.4	40.6		
46	246	4038.3	.20438	2001.05	.200	38.9	39.1		
47	247	4031.3	.20431	1999.68	.194	37.2	37.4		
48	248	4020.0	.20431	1998.51	.182	35.4	35.6		
49	249	4014.6	.20431	1997.28	.182	33.8	34.0		
50	250	4011.4	.20429	1996.06	.163	32.4	32.6		

	1 Sta	2 Eleo	3 Gt	4 Go	5 TC	6 BAs	7 BAe	8	9
1	251	4011.3	980.20423	1994.71	.154	31.1	31.3		
2	252	4010.7	.20404	1993.74	.143	30.3	30.4		
3	253	4018.5	.20392	1992.68	.134	29.8	29.9		
4	254	4016.1	.20382	1992.62	.122	29.7	29.8		
5	255	4021.1	.20222	1999.45	.633	40.9	41.5		
6	256	4043.6	.20230	1997.91	.630	38.2	38.8		
7	257	4051.7	.20259	1998.01	.630	38.5	39.1		
8	258	4058.7	.20288	1998.25	.630	38.9	39.5		
9	259	4057.7	.20318	1999.51	.630	39.8	40.4		
10	260	4062.6	.20337	2000.17	.627	40.5	41.1		
11	261	4068.6	.20364	2001.53	.627	42.0	42.6		
12	262	4066.6	.20385	2003.27	.620	43.4	44.0		
13	263	4069.4	.20414	2006.44	.620	46.4	47.0		
14	264	4086.1	.20448	2008.08	.603	48.7	49.3		
15	265	4086.6	.20475	2008.27	.603	48.7	49.3		
16	266	4089.1	.20475	2009.37	.592	49.9	50.5		
17	267	4097.9	.20523	2009.15	.592	49.8	50.4		
18	268	4101.6	.20545	2009.70	.439	50.3	50.7		
19	269	4175.5	.20527	2007.60	.439	52.8	53.2		
20	270	4212.7	.20555	2004.89	.439	52.1	52.5		
21	271	4197.0	.20579	2004.92	.439	50.9	51.3		
22	272	4161.6	.20607	2006.47	.439	50.1	50.5		
23	273	4148.5	.20634	2006.58	.439	49.1	49.5		
24	274	4274.7	.20594	2004.12	.706	54.6	55.3		
25	275	4343.4	.20585	2000.23	.733	54.9	55.6		
26	276	4424.4	.20567	1995.00	.737	54.8	55.5		
27	277	4456.3	.20560	1993.49	.815	55.2	56.0		
28	278	4530.4	.20542	1989.10	.815	55.5	56.3		
29	279	4633.2	.20533	1982.59	.815	55.2	56.0		
30	280	4610.1	.20533	1983.64	.815	54.9	55.7		
31	281	4596.6	.20527	1984.11	.833	54.6	55.4		
32	282	4622.7	.20505	1982.58	.914	54.8	55.7		
33	283	4643.4	.20485	1981.32	1.13	55.0	56.1		
34	284	4693.3	.20459	1978.37	1.13	55.3	56.4		
35	285	4727.1	.20434	1976.18	1.147	55.4	56.5		
36	286	4770.9	.20407	1973.47	1.147	55.6	56.7		
37	287	4815.0	.20377	1970.89	1.147	56.0	57.1		
38	288	4842.9	.20359	1968.96	1.147	55.9	57.0		
39	289	4322.2	.20204	1997.01	.668	54.3	55.0		
40	290	4232.0	.20238	1997.76	.668	55.3	56.0		
41	291	4825.1	.20048	1970.47	1.497	59.5	61.0		
42	292	4887.4	.20075	1966.73	1.497	59.2	60.7		
43	293	4973.9	.20104	1961.74	1.497	59.1	60.6		
44	294	5144.3	.20137	1951.40	1.497	58.6	60.1		
45	295	5263.3	.20162	1944.00	1.497	58.1	59.6		
46	296	4930.6	.20093	1964.23	1.497	59.1	60.6		
47	297	5000.2	.20100	1960.20	1.497	59.2	60.7		
48	298	5053.6	.20112	1957.66	1.497	59.7	61.2		
49	299	5126.5	.20104	1952.95	1.497	59.5	61.0		
50	300	5060.0	.20078	1956.21	1.497	59.0	60.5		

	1 5ft	2 Elev	3 GE	4 Co	5 TC	6 DAS	7 BAC	8	9
1	301	4994.9	982.20094	1959.84	1.497	59.0	60.5		
2	302	4965.7	.20018	1960.39	1.497	58.1	59.6		
3	303	4924.5	.19989	1962.55	1.497	58.1	59.6		
4	304	4611.0	.20066	1983.35	1.149	59.3	60.4		
5	305	4657.5	.20038	1980.49	1.149	59.5	60.6		
6	306	4710.7	.20011	1977.44	1.149	59.9	61.0		
7	307	4773.9	.19978	1973.72	1.149	60.3	61.4		
8	308	4833.1	.19959	1969.95	1.149	60.3	61.4		
9	309	4893.7	.19940	1966.02	1.149	60.2	61.3		
10	310	4155.3	.20905	2004.96	.350	45.2	45.6		
11	311	4170.0	.20923	2004.38		45.3	45.7		
12	312	4191.7	.20942	2003.23		45.3	45.7		
13	313	4219.4	.20963	2001.44		44.9	45.3		
14	314	4258.4	.20985	1999.05		44.7	45.1		
15	315	4257.1	.21008	2000.50	.350	45.8	46.2		
16	316	4263.2	.21030	2001.85	.370	47.3	47.7		
17	317	4270.3	.21054	2003.91	.370	49.5	49.9		
18	318	4270.1	.21079	2006.90	.380	52.3	52.7		
19	319	4279.2	.21101	2007.40	.380	53.1	53.5		
20	320	4272.0	.21105	2007.03	.370	52.3	52.7		
21	321	4249.6	.21094	2007.62	.360	51.6	52.0		
22	322	4209.9	.21083	2009.32	.350	51.0	51.4		
23	323	4182.1	.21082	2009.10		49.2	49.6		
24	324	4175.7	.21082	2006.08		45.8	46.2		
25	325	4173.4	.21068	2006.17		45.9	46.3		
26	326	4173.2	.21054	2008.53		48.3	48.7		
27	327	4175.6	.21037	2009.60		44.7	50.1		
28	328	4183.3	.21022	2007.44		50.2	50.6		
29	329	4194.9	.21002	2008.51		50.1	50.5		
30	330	4194.6	.20982	2007.28		49.1	49.5		
31	331	4194.5	.20965	2005.50	.350	47.5	47.9		
32	332	4034.3	.20207	1997.60	.022	37.6	37.6		
33	333	4026.2	.20178	1997.34		37.1	37.1		
34	334	4019.9	.20149	1997.04		36.7	36.7		
35	335	4013.3	.20125	1996.46		36.0	36.0		
36	336	4009.4	.20107	1995.86		35.3	35.3		
37	337	4007.7	.20090	1994.83		34.4	34.4		
38	338	4006.3	.20075	1993.98		33.6	33.6		
39	339	4003.9	.20063	1993.55		33.1	33.1		
40	340	4005.3	.20048	1993.10		32.9	32.9		
41	341	4003.4	.20029	1993.11		33.0	33.0		
42	342	4105.7	.20007	1993.45		33.7	33.7		
43	343	3999.1	.19986	1993.76	.022	33.8	33.8		
44	344	3988.9	.19941	1994.19	-	34.1	34.1		
45	345	3988.0	.19932	1994.37	-	34.3	34.3		
46	346	3988.6	.19878	1994.48		35.0	35.0		
47	347	3987.3	.19848	1994.75		35.5	35.5		
48	348	3987.3	.19821	1994.88		35.9	35.9		
49	349	3985.7	.19793	1995.40		36.6	36.6		
50	350	3983.7	.19769	1996.17		37.5	37.5		


 EFFICIENCY® LINE NO. 636-P

	1 Sfr	2 Elev	3 Gr	4 Co	5 Tc	6 BAS	7 BAC	8	9
1	351	3981.7	980.19741	1996.90	-	38.4	38.4		
2	352	3979.5	.19712	1997.67		37.3	37.3		
3	353	3980.0	.19712	1996.95		38.6	38.6		
4	354	3981.6	.19712	1996.39		38.1	38.1		
5	355	3981.6	.19712	1997.16		38.9	38.9		
6	356	3981.9	.19712	1996.27		38.0	38.0		
7	357	3984.9	.19741	1995.96		37.6	37.6		
8	358	3985.4	.19763	1996.40		37.9	37.9		
9	359	3985.7	.19781	1997.19		38.5	38.5		
10	360	3988.5	.19799	1998.25		39.5	39.5		
11	361	3995.2	.19818	1998.98		40.5	40.5		
12	362	3998.7	.19841	1999.26		40.7	40.7		
13	363	4001.4	.19860	1999.62		41.1	41.1		
14	364	4003.4	.19885	1999.94		41.3	41.3		
15	365	4006.7	.19912	1999.62	-	40.9	40.9		
16	366	4088.5	.20530	2007.74	.592	47.7	48.3		
17	367	4068.4	.20523	2005.32		44.2	44.8		
18	368	4039.4	.20542	2004.37		41.3	41.9		
19	369	4050.4	.20515	2003.02		41.2	41.8		
20	370	4065.0	.20483	2003.91		42.9	43.5		
21	371	4064.0	.20453	2005.20	.592	44.5	45.1		
22	372	4164.1	.20675	2005.73	.591	48.8	49.4		
23	373	4168.7	.20705	2004.45	.591	47.5	48.1		
24	374	4173.3	.20730	2003.29	.591	46.3	46.9		
25	375	4174.4	.20757	2002.42	.433	45.6	46.0		
26	376	4189.8	.20785	2001.62	.430	45.1	45.5		
27	377	4207.4	.20797	2000.75	.427	45.2	45.6		
28	378	4218.7	.20812	1999.80	.427	44.8	45.2		
29	379	4232.8	.20834	1996.80	.419	42.4	42.8		
30	380	4235.4	.20841	1995.99	.419	41.7	42.1		
31	381	4242.5	.20830	1995.46	.419	41.7	42.1		
32	382	4360.2	.20518	1998.25	.814	54.6	55.4		
33	383	4399.6	.20493	1995.87	.876	54.9	55.8		
34	384	4480.5	.20471	1991.34	.902	55.4	56.3		
35	385	4142.6	.20088	2000.34	.647	48.0	48.6		
36	386	4202.2	.20073	1999.10	.664	50.5	51.2		
37	387	4265.2	.20060	1997.36	.733	52.6	53.3		
38	388	4301.9	.20051	1996.91	.804	54.5	55.3		
39	389	4202.6	.19927	1999.04	.904	51.9	52.8		
40	390	4237.8	.19910	1999.03	.918	54.2	55.1		
41	391	4305.7	.19897	1996.57	.984	55.9	56.9		
42	392	4281.3	.19875	1998.02	.984	56.1	57.1		
43	393	4289.6	.19848	1997.95		56.8	57.8		
44	394	4310.5	.19818	1998.29		58.7	59.7		
45	395	4367.0	.19793	1995.79		59.8	60.8		
46	396	4444.6	.19762	1991.79	.984	60.8	61.8		
47	397	4276.7	.19756	1999.08	.816	58.1	58.9		
48	398	4185.7	.19769	2002.13	.810	55.5	56.3		
49	399	4136.5	.19775	2002.70	.790	53.1	53.9		
50	400	4108.6	.19784	2002.09	.683	50.7	51.4		

IR 175'

Sta 120

@ Colado

elev 4591'

DR 17070'

4660
69 * 3.8 mgal
x 10.2
4580

EFFICIENCY @ LINE NO. 636-P



ZONE	1 D	2 E	3 F	4 G	5 H	6 I	7 J	8	9
1	94600 ^{1.1}	94660 ^{1.0}	894880 ^{1.0}	2094800 ^{1.0}	3394930 ^{1.0}	6295220 ^{1.0}	10095600 ^{2.0}		
2	14590 ⁻	94600 ⁻	1094700 ^{1.0}	3494940 ^{2.0}	2894880 ^{1.0}	5095700 ^{1.0}	10095800 ^{2.0}		
3	114580 ^{1.1}	14590 ⁻	94600 ⁻	1194760 ^{1.4}	3094900 ^{1.0}	4095000 ^{1.5}	94600 ⁻		
4	294620 ^{1.0}	894680 ^{1.0}	694660 ^{0.3}	314560 ⁻	94600 ⁻	2314360 ^{1.1}	464130 ^{0.4}		
5	1194760 ^{19.0}	1994790 ^{6.0}	4095200 ^{11.0}	94600 ⁻	1114480 ^{1.1}	3014230 ^{1.4}	9814110 ^{1.4}		
6	294620 ^{1.0}	2394830 ^{9.0}	4095200 ^{11.0}	2094800 ^{1.0}	4095200 ^{1.0}	3314260 ^{0.3}	4914100 ^{1.5}		
7		594630 ^{2.2}	1094720 ^{1.0}	5695160 ^{5.0}	9295520 ^{7.0}	714520 ⁻	194400 ^{1.1}		
8		994690 ^{2.0}	3094900 ^{7.0}	8095480 ^{11.0}	10095200 ^{9.0}	4095200 ^{1.5}	7094400 ^{2.2}		
9				6495240 ^{6.0}	4895280 ^{2.0}	6095200 ^{1.0}	2494840 ^{1.1}		
10	21.2	19.2		2694860 ^{1.0}	2594880 ^{1.0}	6495240 ^{1.0}	7094900 ^{2.2}		
11			33.3	6095200 ^{5.0}	7095300 ^{4.0}	6095200 ^{1.0}	5095100 ^{1.5}		
12				4495240 ^{3.0}	5695160 ^{3.0}	5695160 ^{1.0}	6095200 ^{1.0}		
13						5095100 ^{1.0}	5095100 ^{1.5}		
14				35.4		4295220 ^{1.5}	6095200 ^{1.8}		
15					30.1	8495440 ^{2.0}	10095800 ^{2.0}		
16						8095480 ^{2.0}	10095800 ^{2.0}		
17									
18						13.3	12.9		
19									
20									
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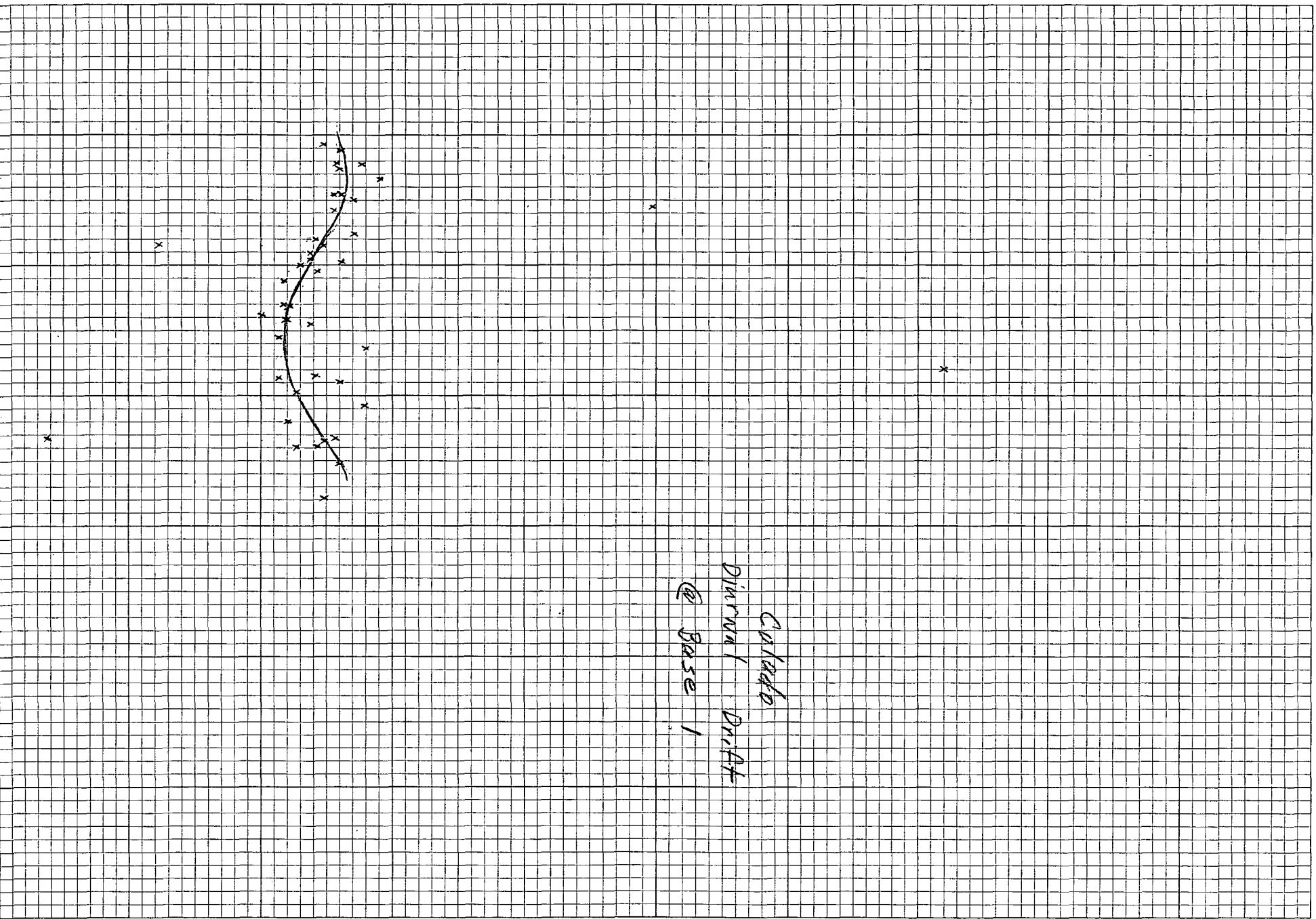
total 2.22 mgal @ 2.67 gal/cc

Gamma

280
250
300
350
400
450
500
550
600
650
700

12M
6PM
12N
6PM
12M

TIME



Colorado
Diurnal Drift
@ Base 1

Party No. _____
 Operator S Ellis
 Area Colorado
 State Neb

LANTON SURVEYS CO.
MAGNETOMETER COMPUTATION SHEET

Date 10-10-77
 Instrument # _____
 K = _____ G/scale div.
 T. Corr. = _____ G/° C.

Notes:

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
Base 9	0720		53328					53328					new Base 1 value
66	0756		53590					53593		53592	✓	53600	
67	0801		53181						-	53184		53191	
68	0814		53379					53383		53382		53390	
69	0818		53363					53368		53367		53375	
70	0822		53353					53358		53357		53365	
71	0827		53320					53325		53324		53332	
72	0832		53335					53341		53339		53348	
73	0838		53282					53288		53287		53295	
74	0843		53351					53358		53356	✓	53365	
75	0906		53240					249		53247		53256	
76	0911		53328					337		53335		53344	
77	0917		53168					177		53175		53184	
78	0923		53541					551		53549		53558	
79	0932		53231					242		53239		53249	
80	0937		53334					245		53242		53252	
81	0941		53255					266		53264		53273	
82	0945		53542					534		53551	✓	53561	
Base 1	1001		53315					53315					new Base 1 value
													w/previous
83	1013		53347						✓	53274		53294	53367
84	1022		53528						✓	53400		53420	53549
85	1026		53246						✓	53094		53114	53267
86	1032		53426						✓	53221		53251	53447
87	1037		53227						✓	52808		52828	53048
88	1041		53774						✓	53530		53537	53796
89	1048		53244						✓	52952	✓	52978	53266
90	1056		53721					52986		52985		53006	53343
91	1103		53320						✓	52942		52962	53342
92	108		53227					918		52919	✓	52938	53350
93	1115		53321						✓	52890		52890	53344
94	1122		53319						✓	52825	✓	52845	53342
95	1126		53605						✓	52487		52507	53628
96	1136		53222						✓	52690		52700	53245
97	1139		53381						✓	52728		52804	53405
98	1145		53441						✓	52807		52821	53465
Base 1	1210		54101	Reading	Bust			54101					new Base 1 value
	1237		53318						✓	53311			53343
	1243		53325						✓	53317			53350

Party No. _____

Operator S. Ellis

Area Colado

State NEU.

Date 6-10-77

Instrument # _____

K = _____ G/scale div.

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LANTON SURVEYS CO.

MAGNETOMETER COMPUTATION SHEET

Notes:

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
													w/ Diurnal
101	1248		53328						✓	53319	✓		53353
102	1253		53326						✓	53316			53351
103	1258		53461							53449			53486
104	1302		53826							53813			53851
105	1309		53167							53653			53692
106	1313		53421							53406			53446
107	1316		53228							53212			53253
108	1321		53326							53309			53351
109	1326		53431							53413			53458
110	1331		53326							53306			53351
111	1332		53343							53319			53368
112	1356		53352							53326			53377
113	1359		53363							53326	✓		53388
Base 1	1401		54128			Reading Bust		54128					new Base 1 Value
114	1406		53224						✓	53163	✓		53247
115	1435		53276							53193			53298
116	1439		53414							53321			53436
117	1444		53376							53411			53537
118	1452		53324						✓	53185			53344
119	1453		53410							53285			53432
120	1457		53334							53197			53354
121	1500		53378							53226			53390
122	1504		53018							53064			53237
123	1508		53634							53470			53653
124	1514		53215						✓	53036			53233
125	1520		53348							53155			53366
126	1524		53320							53117			53337
127	1528		53416							53203			53433
128	1532		53378							53125			53395
129	1536		53567							53325			53583
130	1540		53230							52988			53246
131	1545		53119							53165			53435
132	1549		53230						✓	52966			53245
133	1552		53317							53045			53332
134	1557		53327							53043	✓		53341
Base 2	1613		54451			Reading Bust							

Party No. _____

Operator S ELLIS

Area Colorado

State NEV

Date 6-13-77

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LANTON SURVEYS CO.

MAGNETOMETER COMPUTATION SHEET

Notes:

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
Base 1	0619		53330								53335		w/Dirnal
47	0636		53345							53320			53348
48	0646		53606							53569			53611
49	0649		53334							53293			53339
65	0713		53410							53337			53414
Base 1	0747		53449								53335		53331. Dirnal Value
135	0812		53350							53371			53356
137	0819		53339							53366			53345
138	0833		53346							53385			53353
139	0840		53356							53421			53363
140	0846		53379							53425			53387
141	0851		53326							53381			53334
142	0857		53312							53373			53321
143	0902		53347							53413			53358
144	0908		53339							53459			53398
145	0915		53353							53429			53362
146	0921		53373							53474			53403
147	0931		53388							53477			53398
136	0954		53275							53341			53244
Base 1	1015		53322								53335		
148	1054		53417							53409	53422		
149	1100		53318							53313	53326		
150	1107		53282							53281	53296		
151	1114		53372							53266	53279		
152	1133		53392							53284	53297		
153	1139		53330							53321	53334		
154	1149		53365							53355	53368		
155	1156		53308							53298	53311		
156	1203		53391							53380	53393		
157	1211		53312							53300	53313		
158	1221		53340							53327	53340		
Base	1309		53340								53335		
159	1354		53201							53201	53196		
160	1401		53284							53284	53279		
161	1411		53283							53283	53278		
162	1414		53212							53212	53207		

Party No. _____
 Operator S. Ellis
 Area Colado
 State Nev.

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LANTON SURVEYS CO.
MAGNETOMETER COMPUTATION SHEET

Notes:

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
163	1421		53276							53278	53272		
164	1425		53356							53357	53352		
165	1430		53360							53361	53356		
166	1436		53300							53301	53296		
167	1442		53316							53317	53312		
168	1446		53248							53246	53241		
169	1452		53340							53341	53336		
170	1459		53365							53366	53361		
Base L	1526		53239								53235		
171	1559		53344							53349	53345		
172	1604		53421							53427	53423		
173	1607		53344							53350	53346		
174	1613		53351							53358	53354		
175	1618		53348							53356	53352		
Base	1638		53328								53335		

Party No. _____
 Operator S Ellis
 Area Caloda
 State New.

Date 6-15-77
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 T. Corr. = _____ G/° C.

LANTON SURVEYS CO.
MAGNETOMETER COMPUTATION SHEET

Notes:

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
Base 1	0606		53328								53335		
239	0701		53324							53329	53336		
240	0706		53332							53332	53339		
241	0711		53338							53329	53335		
242	0716		53335							53335	53342		
243	0721		53353							53353	53360		
244	0726		53362							53362	53369		
Base	0753		53332								53335		
245	0827		53361							53364	53371		
246	0833		53356							53360	53367		
247	0839		53351							53355	53362		
248	0846		53353							53358	53365		
249	0852		53364							53370	53376		
250	0858		53353							53359	53366		
251	0903		53325							53331	53338		
252	0909		53327							53334	53341		
253	0916		53332							53340	53347		
254	0920		53341							53349	53356		
Base 1	0941		53318								53335		
255	0953		53325							53327	53344		
256	0958		53339							53341	53358		
257	1004		53354							53357	53374		
258	1010		53349							53323	53340		
259	1015		53322							53326	53343		
260	1021		53326							53331	53348		
261	1028		53357							53363	53380		
262	1032		53364							53370	53387		
263	1041		53371							53379	53396		
264	1050		53377							53363	53380		
265	1055		53361							53370	53387		
266	1102		53367							53277	53294		
267	1108		53261							53272	53289		
268	1113		53261							53272	53290		
269	1133		53261							53295	53312		
Base	1155		53321								53335		
270	1210		53397							53294	53328		
271	1213		53396							53292	53326		

Party No. _____
 Operator S. Ellis
 Area Colada
 State Nev.

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LANTON SURVEYS CO.
MAGNETOMETER COMPUTATION SHEET

Notes:

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
271	1220		53262							53257	53291		
272	1223		53317							53311	53345		
273	1225		53321							53321	53355		
274	1306		53318							53304	53338		
275	1316		53274							53258	53292		
276	1324		53294							53276	53310		
277	1334		53300							53280	53314		
278	1348		53310							53288	53322		
Base	1427		53331								53335		
279	1510		53336							53336	53340		
280	1516		53342							53342	53346		
281	1522		53350							53350	53354		
282	1529		53352							53353	53357		
283	1538		53356							53356	53360		
284	1545		53346	53346						53346	53350		
285	1554		53307							53307	53311		
286	1607		53310							53311	53315		
287	1622		53308							53309	53313		
288	1629		53312							53313	53317		
Base	1735		53330								53335		

Party No. _____

Operator S. ELLIS

Area Colorado

State N.M.

Date 6-16-77

Instrument # _____

K = _____ G/scale div.

T. Corr. = _____ G/° C.

LANTON SURVEYS CO.

MAGNETOMETER COMPUTATION SHEET

Notes:

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
BASE 1	1042		53309								53335		
289	1203		53288							53259	53285		
290	1208		53279							53280	53306		
291	1221		53282							53283	53309		
292	1229		53273							53274	53300		
293	1236		53276							53277	53303		
294	1244		53274							53275	53301		
295	1250		53275							53276	53302		
296	1301		53281							53282	53308		
297	1305		53281							53282	53308		
298	1315		53281							53282	53308		
299	1323		53300							53301	53327		
300	1332		53283							53285	53311		
301	1339		53272							53274	53300		
302	1346		53281							53283	53309		
303	1353		53260							53262	53288		
BASE 1	1418		53307								53335		
304	1440		53270							53269	53297		
305	1448		53264							53263	53291		
306	1457		53267							53266	53294		
307	1508		53257							53255	53284		
308	1516		53248							53246	53274		
309	1524		53254							53252	53280		
BASE 1	1558		53310								53335		

Party No. _____
 Operator S. Ellis
 Area Colada
 State Nev.

Date 6-17-77
 Instrument # _____
 K = _____ G/scale div.
 T. Corr. = _____ G/° C.

LANTON SURVEYS CO.
MAGNETOMETER COMPUTATION SHEET

Notes:

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STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
Base 1	0636		<u>53339</u>								53335		
299	0739		53330							53336	53332		
310	0755		53329							53376	53372		
311	0801		53349							53357	53353		
312	0809		53339							53348	53344		
313	0812		53327							53336	53332		
314	0818		53329							53339	53335		
315	0822		53161							53171	53167		
316	0827		53335							53345	53341		
317	0834		53342							53354	53349		
318	0839		53346							53357	53353		
319	0844		53347							53359	53355		
Base	0917		<u>53324</u>								53335		
320	0957		53309							53314	53325		
321	1003		53331							53336	53347		
322	1008		53306							53312	53323		
323	1013		53306							53312	53323		
324	1018		53315							53322	53333		
325	1024		53306							53314	53325		
326	1030		53329							53337	53348		
327	1035		53320							53329	53340		
328	1040		53306							53315	53326		
329	1045		53305							53315	53326		
330	1052		53300							53311	53322		
331	1100		53308							53320	53331		
Base	1129		<u>53309</u>								53335		

Party No. _____

Operator S. Ellis

Area Calda

State NZ

Date 6-17-77

Instrument # _____

K = _____ G/scale div.

T. Corr. = _____ G/° C.

LANTON SURVEYS CO.

MAGNETOMETER COMPUTATION SHEET

Notes: _____

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
Base	1645		53324								53335		
332	1654		53228							53308	53319		
333	1659		53324							53324	53335		
334	1702		53329							53329	53340		
335	1709		53309							53309	53320		
336	1713		53317							53317	53328		
337	1718		53310							53310	53321		
338	1726		53212							53212	53223		
339	1730		53207							53207	53220		
340	1736		53215							53212	53223		
341	1741		53302							53303	53314		
342	1745		53309							53309	53320		
343	1749		53353							53353	53364		
344	1755		53352							53352	53363		
345	1758		53344							53344	53355		
346	1806		53314							53314	53325		
347	1810		53259							53259	53270		
348	1813		53205							53205	53216		
349	1820		53246							53246	53257		
350	1824		53234							53234	53245		
351	1838		53241							53241	53252		
352	1835		53298							53298	53109		
Base	1854		53324								53335		

Party No. _____

Operator S. ELLIS

Area Colorado

State NEV

Date 6-18-77

Instrument # _____

K = _____ G/scale div.

T. Corr. = _____ G/° C.

LANTON SURVEYS CO.

MAGNETOMETER COMPUTATION SHEET

Notes: _____

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
Base 1	0521		<u>53324</u>								53335		
353	0551		53192							53190	53201		
354	0556		53184							53182	53193		
355	0606		53141							53138	53149		
356	0612		53114							<u>53110</u>	53121		
357	0617		53215							<u>53211</u>	53222		
358	0622		53221							<u>53217</u>	53228		
359	0627		53227							<u>53222</u>	53233		
360	0632		53247							<u>53242</u>	53253		
361	0637		53250							<u>53246</u>	53256		
362	0641		53245							<u>53239</u>	53250		
363	0645		53240							<u>53234</u>	53245		
364	0650		53251							<u>53245</u>	53256		
365	0655		53262							<u>53255</u>	53266		
Base 1	0715		<u>53332</u>								53335		
366	0723		53327							<u>53312</u>	53315		
367	0811		53316							<u>53322</u>	53325		
368	0821		53327							<u>53334</u>	53337		
369	0831		53309							<u>53317</u>	53320		
370	0836		53282							<u>53290</u>	53293		
371	0842		53271							<u>53280</u>	53283		
Base 1	0906		<u>53321</u>								53335		
372	0945		53351							<u>53354</u>	53368		
373	0951		53371							<u>53374</u>	53388		
374	0954		53387							<u>53391</u>	53405		
375	1004		53376							<u>53380</u>	53394		
376	1009		53360							<u>53365</u>	53379		
377	1027		53361							<u>53367</u>	53381		
378	1033		53342							<u>53354</u>	53369		
379	1040		53329							<u>53336</u>	53350		
380	1048		53340							<u>53348</u>	53362		
381	1055		53384							<u>53362</u>	53376		
Base 1	1133		<u>53310</u>								53335		
382	1203		53311							<u>53309</u>	53334		
383	1211		53311							<u>53308</u>	53333		
384	1218		53285							<u>53282</u>	53307		
385	1221		53321							<u>53315</u>	53340		
386	1310		53302							<u>53295</u>	53320		

Party No. _____
 Operator S ELLIS
 Area colado
 State Nev.

Date 6-18-77
 Instrument # _____
 K = _____ G/scale div.
 T. Corr. = _____ G/° C.

LANTON SURVEYS CO.
MAGNETOMETER COMPUTATION SHEET

Notes:

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
387	1320		53284							53277	53302		
388	1331		53293							53285	53310		
BASE 1	1416		53321								53335		
389	1440		53264							53264	53278		
390	1446		53249							53249	53263		
391	1453		53241							53241	53255		
392	1502		53248							53247	53261		
393	1513		53225							53234	53248		
394	1523		53225							53224	53238		
395	1532		53145							53144	53158		
396	1542		53114							53113	53127		
397	1554		53228							53227	53241		
398	1602		53272							53271	53285		
399	1608		53252							53257	53271		
400	1614		53239							53238	53252		
401	1619		53274							53272	53286		
402	1631		53287							53285	53299		
403	1638		53268							53266	53280		
BASE 2	1655		53323								53335		

Party No. _____
 Operator Hett
 Area Colorado
 State N.E.J.

Date 6-26-77
 Instrument # _____
 K = _____ G/scale div.
 T. Corr. = _____ G/° C.

LANTON SURVEYS CO.
MAGNETOMETER COMPUTATION SHEET

Notes:

STATION	TIME	ΔT	MEAN	MEAN X K	T.C.	DIUR.	CORR. RDG.	OBS. VALUE	ADJ.	ADJ. VALUE	NORMAL	MAP VALUE	REMARKS
BASE	0642			53346							53335		
404	0726			53386						53389	53378		
405	0730			53388						53391	53380		
406	0734			53391						53395	53389		
407	0738			53406						53410	53399		
408	0741			53394						53398	53387		
409	0745			53391						53395	53384		
410	0750			53380						53385	53374		
411	0755			53369						53374	53363		
412	0800			53376						53382	53371		
413	0804			53384						53390	53379		
414	0811			53377						53383	53372		
415	0816			53384						53391	53380		
416	0822			53376						53383	53372		
417	0830			53366						53379	53363		
418	0832			53369						53371	53260		
BASE	0849			53337							53335		
419	0903			53343						53349	53342		
420	0907			53349						53361	53349		
421	0910			53352						53354	53352		
422	0915			53352						53364	53352		
423	0917			53350						53353	53351		
BASE	0953			53331							53335		

Bivalve V1

53

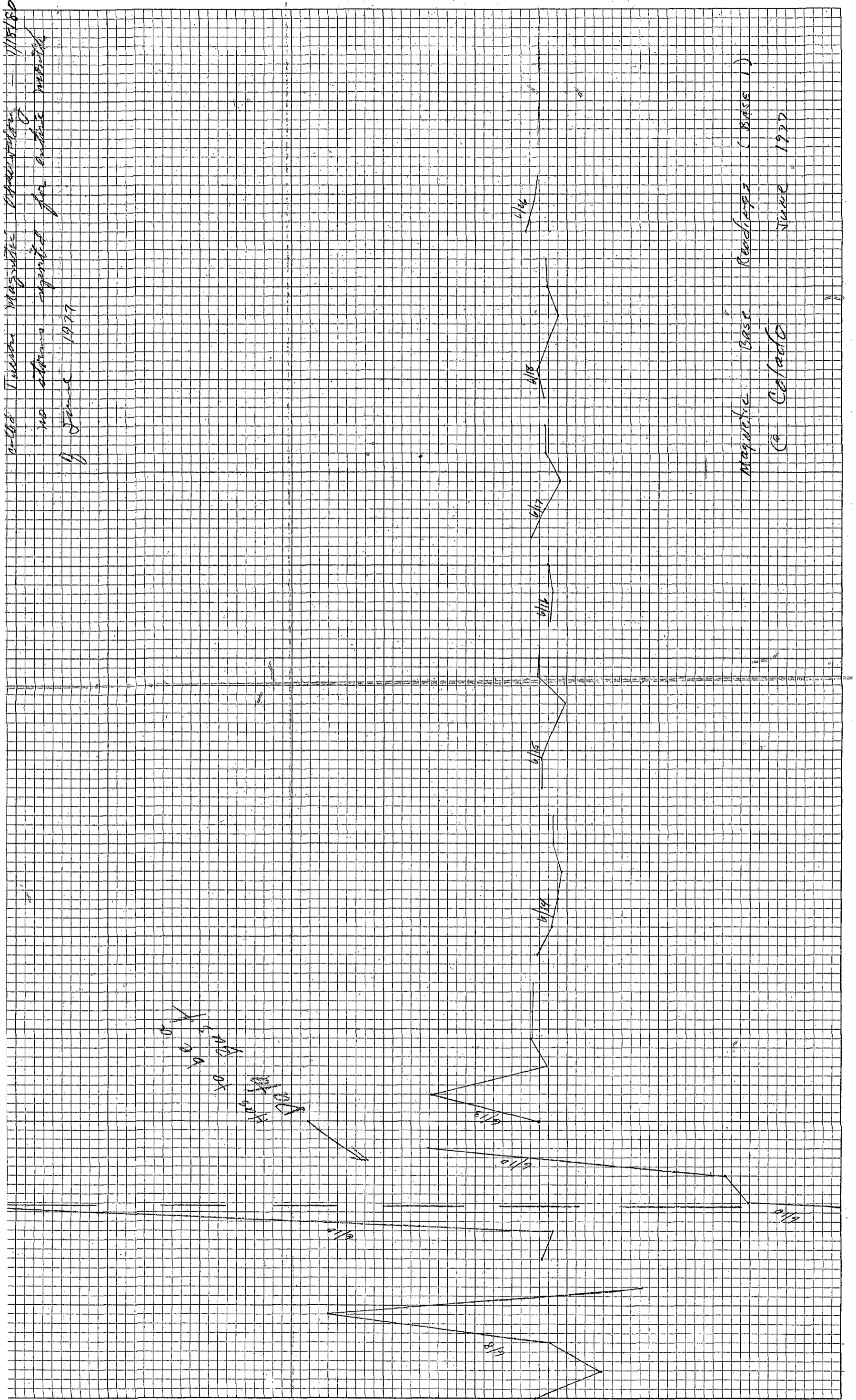
x
x
x

B₁R₂ B₁V ← V₂

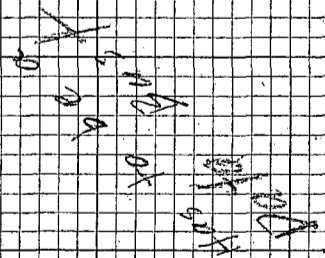
x
x
x
x

B₁ R₃

}



with Tuesday magnetic base readings - 11/18/80
no data reported for entire month
of June 1977



MAGNETIC BASE READINGS (BASE 1)
C. Colado
JUNE 1977

400
300
200