U. S. DEPARTMENT OF THE INTERIOR

U. S. Geological Survey

ELEVATION DATA FOR THE PRECAMBRIAN SURFACE IN THE CENTRAL AND SOUTHERN COLORADO PLATEAU AND VICINITY

by

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This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

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INTRODUCTION

Each of the more than 3,400 data listed in this report represents an entry into the computer database used to construct a Precambrian surface elevation map. Unless noted otherwise, these data represent the top of the highest-occurring Precambrian rocks, whether autochthonous basement or detachment blocks containing Precambrian rocks. I determined the location of each datum point in degrees-minutes-seconds then converted the values to decimal degrees for use in the Interactive Surface Modeling software[1] by Dynamic Graphics, Inc., Berkeley, CA. About 27.5 percent of the data are from Precambrian outcrops, and thus they represent a more irregular erosion surface. About 16 percent of the database represents boreholes where 6.5 percent of these boreholes were extrapolated to Precambrian basement and the remaining 9.5 percent represents boreholes that actually penetrated the Precambrian surface. All sources of data are listed below in the references.

Sea level is the reference datum. The elevations included in column three are for the highest occurrence of Precambrian rocks, regardless of specific age or depth of erosion into the Precambrian units. There is no differentiation among the Precambrian crystalline, sedimentary, metasedimentary, or diabase sill rocks. Areas where the data are more closely spaced represent Precambrian outcrops; however, the higher density of data in the Paradox basin and in the general Four Corners area of 109 degrees W. longitude and 37 degrees N latitude represents a higher density of drilling than for the other areas.

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[1] The use of trade names is for descriptive purposes only and does not indicate endorsement of the product by the United States Geological Survey.

Data are sorted according to longitude, east to west. The negative sign before the longitude value means that the longitude is west of the prime meridian. An explanation of symbols is presented below:

SYMBOLS AND ANNOTATION USED TO IDENTIFY SELECTED DATA

NOTE: All data points without annotation are derived from the "primary data" sources, particularly Bayley and Muehlberger (1968) and Kleinkopf (1972), plus the state geologic maps as listed below. These unannotated data represent both outcrop and contour data digitized from maps.

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w = well or borehole with Precambrian penetration, unless noted otherwise
SEISMIC = interpreted from a seismic cross-section (Brown, and others, 1983)
AMSTRAT = well log value from American Stratigraphic Co., Inc.; my interpretation for extrapolation from total drilling depth to top of Precambrian surface.
EFCOC = estimated from Cambrian outcrop
EFLPOC = estimated from lower Paleozoic outcrop
EFMPOC = estimated from middle Paleozoic outcrop
EFUPOC = estimated from upper Paleozoic outcrop
EFTOC = estimated from Triassic outcrop
EFMZOC = estimated from upper Mesozoic outcrop
G&F, 1989 = Grant and Foster, 1989
W&G, 1986 = Woodward and Grant, 1986
CHK, 1989 = Callender, Hawley, and Keller, 1989
C&C, 1989 = Carpenter, D.G., 1989, and Carpenter, J.A., 1989. These two references were used in conjunction with each other because they both provide regional structural syntheses in the same geographic area.
IGC, 1989 = Wernicke and others, 28th International Geological Congress
= Irwin, 1977, cross-section data
+ = Conley and Giardina, 1979
TBE = Tertiary basin, extrapolation to Precambrian surface
CP = Cambrian penetration borehole, extrapolated to Precambrian
DP = Devonian penetration borehole, extrapolated to Precambrian
CM = C.M. ("K") Molenaar data, personal communication, U.S. Geological Survey, Denver, CO; Mississippian penetration borehole extrapolated to Precambrian by Molenaar.
* = Rauzi, 1990
JG = my estimate from unpublished geophysical maps by J.A. Grow, U.S. Geological Survey, Denver, CO; area of Utah-Nevada-Arizona common boundary.
DT = my estimate from geophysical and structural data by D.J. Taylor, U.S. Geological Survey, Denver, CO; area of Southern Ute Indian Reservation, southwestern Colorado.
EST. = depth estimate with a lower degree of confidence than all other data except for TBE data; elevations are based on knowledge of the stratigraphic section and consistency of trends with nearby data, and in a few cases they are based on proprietary information.
LE = location of datum estimated
PERS. COMM. = personal communication via informal unpublished newsletters, New Mexico Bureau of Mines and Mineral Resources

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WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-105.9422	38.1742	7800
-105.9706	38.2272	8200
-105.9858	36.4669	7500
-105.9889	36.6272	8250
-106.0000	36.4206	7000
-106.0000	38.1800	9000
-106.0069	38.1511	8000
-106.0086	38.2586	8500
-106.0150	36.4958	7250
-106.0203	38.2044	9000
-106.0225	36.5431	7500
-106.0231	38.3031	8500
-106.0286	36.3681	7250
-106.0331	36.3422	6500
-106.0428	36.4081	7000
-106.0469	36.7367	8750
-106.0550	38.1186	8000
-106.0561	36.3556	6500
-106.0561	36.4592	8000
-106.0578	36.5931	8000
-106.0608	36.5078	8000
-106.0617	36.4072	6800
-106.0669	38.2342	9500
-106.0675	36.3092	6500
-106.0692	38.1819	10000
-106.0742	36.3272	7500
-106.0772	36.4422	7000
-106.0772	36.6278	8250
-106.0844	36.5531	8500
-106.0914	36.4933	8500
-106.0950	38.3517	10000
-106.0983	36.4019	7250
-106.1014	36.5956	9750
-106.1022	36.4372	8750
-106.1069	36.5322	8500
-106.1114	36.6636	8500
-106.1236	36.5031	7500
-106.1281	36.4181	8600
-106.1297	36.4950	7500
-106.1303	36.4522	8000
-106.1358	36.6228	9000
-106.1408	36.5828	8500
-106.1450	36.6500	10150
-106.1492	36.5172	8250
-106.1514	36.3744	7500
-106.1522	36.4306	8600
-106.1606	36.5536	8000
-106.1608	38.1728	9000
-106.1719	36.5978	9100
-106.1731	36.4728	8250
-106.1775	36.6264	9600
-106.1803	36.5456	8500
-106.1889	38.1467	10000
-106.1908	38.3728	11150

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-106.1911	36.3844	7750
-106.1922	36.6044	8500
-106.1922	36.7206	9100
-106.1983	36.4181	8000
-106.2022	36.6944	9500
-106.2083	36.6625	9500
-106.2131	36.6772	10100
-106.2192	36.7422	9500
-106.2192	38.1331	8000
-106.2244	38.4278	13971
-106.2281	38.2114	9750
-106.2342	36.7658	10100
-106.2478	36.7281	10000
-106.2500	36.1250	4250
-106.2500	36.2500	5000
-106.2506	38.4000	11000
-106.2567	38.1433	8500
-106.2597	36.8014	10100
-106.2692	36.7508	10750
-106.2700	36.9456	9000
-106.2725	38.2242	9000
-106.2733	36.6531	10100
-106.2736	36.8181	10250
-106.2747	36.9767	8500
-106.2789	36.7022	10000
-106.2792	37.0736	8500
-106.2811	36.9342	9500
-106.2828	36.8400	9750
-106.2836	38.4294	11000
-106.2844	36.7631	10500
-106.2889	38.3761	10000
-106.2919	36.9142	10250
-106.2983	38.4681	11000
-106.3008	36.8481	10000
-106.3034	36.9864	9000
-106.3053	36.9556	10100
-106.3117	37.8181	-1650 EST.
-106.3131	36.9850	9500
-106.3147	36.7878	10000
-106.3203	36.8144	10000
-106.3233	38.2328	9000
-106.3233	38.4397	11650
-106.3397	38.3522	9750
-106.3453	36.8456	10000
-106.3475	36.7558	10000
-106.3479	36.2971	4413 w
-106.3561	38.4706	11100
-106.3625	38.1981	8500
-106.3639	37.8522	-2000 CHK (SEISMIC)
-106.3657	37.6083	2761 w
-106.3767	37.5853	2000 w; TBE
-106.3769	36.7342	10100
-106.3794	38.5169	10000
-106.3797	37.1364	9000
-106.3817	38.2206	9500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-106.3861	38.4272	9000
-106.3881	36.7717	10000
-106.4064	36.7581	10250
-106.4097	37.6469	1056 w
-106.4161	38.4536	9000
-106.4169	36.8228	10750
-106.4181	38.3908	8250
-106.4247	38.5108	9000
-106.4290	37.7573	-327 w
-106.4375	36.7656	10100
-106.4397	36.8714	10600
-106.4406	38.1636	9000
-106.4436	36.7906	9500
-106.4458	36.8472	10000
-106.4567	38.4197	9000
-106.4600	38.3681	10100
-106.4653	38.4683	10650
-106.4672	36.8081	10000
-106.4702	37.2688	2985 w
-106.4705	36.8114	10000
-106.4772	38.5456	10000
-106.4900	38.3956	8500
-106.4958	37.2736	2708 w
-106.5000	36.0833	4000
-106.5000	36.2500	3750
-106.5000	36.5000	6000
-106.5000	36.7500	8000
-106.5022	38.5875	10500
-106.5136	37.0000	7000
-106.5183	38.4261	8500
-106.5189	38.4492	8500
-106.5281	38.3603	10000
-106.5442	38.5528	10500
-106.5653	38.6011	11200
-106.5656	37.6272	-4000 w; EST.
-106.5972	38.5381	9500
-106.6125	38.5733	8566
-106.6125	38.6408	12000
-106.6208	37.6272	-1150 w
-106.6247	38.5036	8500
-106.6303	37.0402	4862 w
-106.6328	38.3081	9600
-106.6417	38.1681	9650
-106.6453	38.4736	8000
-106.6558	38.5908	10200
-106.6716	35.8807	6300 w
-106.6789	38.6408	12000
-106.6789	38.6736	11600
-106.6815	37.0824	5903 w
-106.6917	38.5864	9000
-106.6978	38.5500	8500
-106.7056	31.9275	-13500 TBE
-106.7100	36.3792	3300 EFMZOC
-106.7146	36.6311	5163 w
-106.7175	38.6128	10650

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-106.7203	38.7108	10000
-106.7339	37.4067	7550
-106.7361	31.7828	-10500 LE; G&F, 1989
-106.7369	38.4031	8500
-106.7372	38.5956	9500
-106.7392	38.6744	9000
-106.7419	38.5028	8000
-106.7497	36.1022	9000
-106.7500	36.2500	4000
-106.7500	36.5000	5000
-106.7500	36.7500	5250
-106.7500	37.0000	5250
-106.7500	37.2500	7500
-106.7500	37.5000	7250
-106.7514	38.6408	10000
-106.7561	38.3658	8500
-106.7681	38.3036	9000
-106.7750	38.7175	8500
-106.7767	36.0858	10000
-106.7798	37.1801	5000
-106.7811	38.4472	8500
-106.7833	36.4072	5100 EFTOC
-106.7886	36.2690	3777 w
-106.7903	35.5267	2500 EFTOC
-106.7908	38.6758	9500
-106.7994	35.6242	6250
-106.7994	35.7842	7000
-106.8000	36.1364	10100
-106.8022	36.0272	9600
-106.8025	38.5742	8500
-106.8067	35.8864	8500
-106.8072	36.0000	8500
-106.8106	38.5222	8000
-106.8108	38.3306	9400
-106.8156	35.6742	7500
-106.8167	35.7228	8000
-106.8175	35.7494	7400
-106.8183	36.1158	10250
-106.8214	36.0644	10000
-106.8247	36.5985	1523 w
-106.8267	35.8294	8000
-106.8289	38.6967	8500
-106.8328	32.2103	-12500 TBE
-106.8397	38.6269	8500
-106.8411	38.3944	9000
-106.8428	38.4400	8750
-106.8452	38.7485	6925 w
-106.8467	38.7242	8350
-106.8483	35.7778	9250
-106.8492	35.9228	8500
-106.8494	31.9411	-9400 LE; G&F, 1989
-106.8542	35.6092	6250
-106.8547	38.6681	8000
-106.8550	31.7872	-10175 TBE
-106.8553	37.0278	4802 w

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-106.8558	36.0317	9791
-106.8575	36.2917	-1500 EFMZOC
-106.8592	35.6942	9042
-106.8600	36.8477	3255 w
-106.8604	33.1111	-3560 w
-106.8614	36.0636	10000
-106.8628	32.9003	-7525 w
-106.8628	35.8681	9473
-106.8631	35.8228	8750
-106.8642	35.6536	7000
-106.8672	32.0939	-191000 w; EST; total depth Ordovician
-106.8697	35.7386	8000
-106.8719	35.9800	8300
-106.8742	36.1578	10000
-106.8750	36.3750	3000 EST.
-106.8778	35.6447	3000 EFTOC
-106.8778	35.7728	8500
-106.8797	38.4778	8500
-106.8817	35.8944	7750
-106.8822	36.1044	10000
-106.8825	35.8156	8000
-106.8831	38.5419	7600
-106.8867	36.0433	8500
-106.8889	35.7764	4500 EFTOC
-106.8889	35.8628	8000
-106.8911	35.9486	7500
-106.8928	36.0000	8000
-106.8981	38.3333	9500
-106.8981	38.3831	9500
-106.9010	33.4002	-1201 w
-106.9044	36.1386	8500
-106.9050	36.1044	8250
-106.9078	36.0681	8000
-106.9140	36.0221	-1640 w
-106.9226	35.5362	708 w
-106.9258	36.1386	-1500 EFMZOC
-106.9283	36.2144	-1500 EFMZOC
-106.9283	38.2908	10000
-106.9311	32.3661	-2000 w; CP
-106.9414	32.4481	3600 EFLPOC
-106.9419	38.7456	5000 EFMZOC
-106.9469	36.0194	-2000 EFMZOC
-106.9500	35.9000	2000 EST.
-106.9511	33.8553	5500
-106.9558	38.4289	8500
-106.9575	31.5558	-12147 w; LE
-106.9628	32.1225	-13500 TBE
-106.9653	38.5036	8000
-106.9669	38.3700	9000
-106.9700	38.4711	8250
-106.9714	35.4342	141 w
-106.9722	35.4297	230 w; G&F, 1989
-106.9733	32.6011	4500
-106.9836	34.1381	5500
-106.9836	34.1894	6250

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-106.9892	34.2517	5500
-106.9894	32.1606	-13500 LE; G&F, 1989
-106.9908	32.8667	-12000 TBE
-106.9942	38.2864	10000
-106.9983	31.8586	-5500 w; EST. from faulted Paleozoic rocks
-107.0000	33.7500	4000
-107.0000	34.2500	6000
-107.0000	35.2500	1000
-107.0000	35.5000	250
-107.0000	35.7500	700
-107.0000	36.0000	-2500 EST.
-107.0000	36.2500	-5500
-107.0000	36.4167	-4000
-107.0000	36.5000	-5000
-107.0000	36.7500	-4000
-107.0000	37.0000	800
-107.0000	37.1250	3500
-107.0000	37.2500	5500
-107.0000	37.3750	5500
-107.0058	38.3333	9500
-107.0075	38.2614	10000
-107.0150	38.4372	8500
-107.0164	34.1764	6500
-107.0167	34.0000	-2000 TBE
-107.0186	32.0044	-2400 EFMZOC
-107.0219	34.4253	6000
-107.0319	38.2000	9750
-107.0361	38.5092	7750
-107.0422	38.4758	8000
-107.0433	38.2228	10250
-107.0450	38.3158	9500
-107.0486	32.2503	-8000 LE; G&F, 1989
-107.0494	34.4661	5750
-107.0508	38.1655	8850
-107.0550	38.3744	8500
-107.0656	38.2842	9000
-107.0658	34.3508	5500
-107.0670	37.2337	5959 w
-107.0693	37.2392	6046 w
-107.0728	38.7356	4000 EFMZOC
-107.0731	32.6200	0000 TBE
-107.0742	31.9458	-5000 TBE
-107.0800	38.1917	9500
-107.0822	37.2475	5800
-107.0836	34.4300	9176
-107.0839	32.4208	-500 w; CP
-107.0857	36.2186	-6237 w
-107.0961	38.4408	8000
-107.0964	38.4414	8000
-107.0972	35.2833	-324 w
-107.0983	33.4972	4500
-107.0984	34.7852	2995 w
-107.0989	38.3067	9000
-107.1000	35.0000	1600
-107.1022	34.6500	5750

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-107.1031	38.4022	8500
-107.1042	38.2500	8500
-107.1083	34.1208	-2000
-107.1092	33.4244	6600
-107.1100	34.0383	6500
-107.1111	34.8268	1947 w
-107.1114	34.7303	2801 w; G&F, 1989
-107.1144	35.6808	-591 w
-107.1164	32.7383	3630 EFLPOC
-107.1169	33.3728	5500
-107.1201	34.6976	4353 w
-107.1214	33.4389	5000
-107.1261	38.3600	8500
-107.1280	35.8755	-2820 w
-107.1364	34.0792	6500
-107.1417	38.2956	8500
-107.1419	35.3664	-50 w; G&F, 1989
-107.1431	38.3333	8000
-107.1446	34.7851	2610 w
-107.1481	32.3969	-2650 LE; G&F, 1989
-107.1561	38.3789	8000
-107.1575	38.4408	8000
-107.1664	34.0453	9000
-107.1667	36.1667	-5500
-107.1689	34.7013	3385 w
-107.1694	32.8294	2100 EST.
-107.1733	38.4750	7520
-107.1881	34.1017	8000
-107.1883	38.3508	8500
-107.1936	31.8208	-9500 TBE
-107.1967	38.0653	8500
-107.2042	35.5633	-666 w
-107.2167	34.6300	2000 SEISMIC
-107.2300	32.9158	6500
-107.2303	32.9658	7000
-107.2314	33.0522	5000
-107.2318	37.0733	0000
-107.2325	33.8436	-100 TBE
-107.2331	34.3167	550 EFMZOC
-107.2336	33.1033	5000
-107.2372	33.0053	5500
-107.2372	37.3908	7500
-107.2384	33.2888	-2872 w
-107.2400	32.7886	2500 EFUPOC
-107.2400	38.3381	8500
-107.2442	38.4511	7900
-107.2444	37.4442	8000
-107.2494	32.1247	-20500 TBE
-107.2500	34.2500	4000
-107.2500	34.5000	4250
-107.2500	34.7500	2000
-107.2500	35.0000	1500
-107.2500	35.2500	250
-107.2500	35.5000	-250
-107.2500	35.7500	-2000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-107.2500	36.0000	-3650
-107.2500	36.2500	-6500
-107.2500	36.5000	-7150
-107.2500	36.7500	-7000
-107.2500	37.0000	-2500
-107.2500	37.2500	5000
-107.2508	32.8653	5000
-107.2517	33.0772	4500
-107.2528	34.7575	2300 G&F, 1989
-107.2561	34.8094	1955 w; W&G, 1986; EST.
-107.2569	32.5600	250 LE; G&F, 1989
-107.2572	38.4081	8000
-107.2581	38.3667	8500
-107.2589	32.8411	4650
-107.2633	32.8919	4500
-107.2675	32.9622	4750
-107.2714	33.2797	-3785 w
-107.2733	33.6272	5750
-107.2783	37.5781	9500
-107.2864	32.0000	-4150 TBE
-107.2906	33.2830	-2134 w
-107.2925	37.5467	10000
-107.2942	32.6122	-5350 TBE
-107.3033	38.3683	8750
-107.3072	33.1544	5550
-107.3075	37.5614	10500
-107.3092	33.4547	-750 TBE
-107.3228	37.5067	10000
-107.3344	31.8478	-2426 w
-107.3352	37.3394	7200
-107.3383	32.3272	-5500 w
-107.3392	38.4500	7500
-107.3419	37.6008	9900
-107.3421	35.8438	-2239 w
-107.3458	37.6453	10500
-107.3511	37.9044	10000
-107.3639	37.5328	12250
-107.3703	34.9592	1500 W&G, 1986
-107.3778	37.7206	10500
-107.3836	34.5783	1310 w; W&G
-107.3851	34.5687	1319 w
-107.3856	33.1403	-2350 LE; G&F, 1989
-107.3892	37.5544	9000
-107.3903	38.3983	9000
-107.3922	31.8569	-5450 w (AMSTRAT)
-107.3950	31.6517	-13750 TBE
-107.3951	36.7378	-7516 w
-107.3958	35.8259	-2358 w
-107.3969	33.0317	-6500 LE; G&F, 1989
-107.3972	37.6014	12750
-107.3992	35.8286	-2339 w
-107.4031	34.0839	0000 W&G, 1986
-107.4034	37.4694	10500
-107.4044	38.4275	8500
-107.4075	37.4683	12147

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-107.4125	34.3900	0000 W&G, 1986
-107.4208	32.8000	-2350 LE; G&F, 1989
-107.4239	37.7478	10000
-107.4257	36.7876	-7280 w
-107.4314	37.5022	8500
-107.4397	37.6092	12600
-107.4403	34.2675	-2300 w; W&G, 1986
-107.4419	37.9033	10000
-107.4428	37.6544	11500
-107.4458	37.5408	10000
-107.4475	37.4564	10000
-107.4494	33.6008	3500 EST.
-107.4514	33.3242	-2750 TBE
-107.4536	38.4136	9000
-107.4617	38.3444	6000 EFMZOC
-107.4628	37.5008	11000
-107.4658	38.8381	2600 EFMZOC
-107.4767	32.8269	0000 TBE
-107.4772	37.5764	13250
-107.4799	35.9702	-3689 w
-107.4819	37.8947	12450
-107.4828	37.7556	11000
-107.4875	37.4406	9500
-107.4886	37.5408	11500
-107.4903	37.4764	9500
-107.4906	37.9544	12500
-107.4925	37.6917	12500
-107.4944	37.8694	12750
-107.5000	34.5000	1900
-107.5000	34.7500	1500
-107.5000	35.0000	1000
-107.5000	35.2500	500
-107.5000	35.5000	0000
-107.5000	35.7500	-1750
-107.5000	36.0000	-3250
-107.5000	36.2500	-5700
-107.5000	36.5000	-7100
-107.5000	36.7500	-7500
-107.5000	37.0000	-6500
-107.5000	37.1250	-3750
-107.5000	37.2500	0000
-107.5000	38.2500	7150
-107.5025	32.0806	-5600 TBE
-107.5075	37.6281	13250
-107.5092	38.4644	9000
-107.5142	37.5692	9000
-107.5192	37.5069	10000
-107.5275	37.5936	9250
-107.5306	37.5158	8400
-107.5342	37.7692	11500
-107.5350	33.8458	-500 TBE
-107.5361	37.7294	12500
-107.5372	37.6658	13250
-107.5389	37.4486	8000
-107.5417	37.7067	13650

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-107.5421	34.8612	1634 w; G&F, 1989
-107.5439	37.4772	8000
-107.5486	37.7486	12600
-107.5500	34.1225	-1000 W&G, 1986; EST.
-107.5531	37.5044	9500
-107.5564	32.3219	-3500 TBE
-107.5567	32.4750	-3250 TBE
-107.5572	37.5592	13250
-107.5578	34.6236	1745 w; W&G, 1986; EST.
-107.5592	32.9186	4800 EFLPOC
-107.5606	33.0000	5750
-107.5614	37.8158	11500
-107.5750	32.7386	5000 EFLPOC
-107.5800	33.2814	5000 EFLPOC
-107.5853	32.0303	4500
-107.5869	37.7658	12500
-107.5894	31.6042	-11500 TBE
-107.5897	37.4456	10000
-107.5897	37.6264	14059
-107.5942	32.0919	4850
-107.5953	37.5831	13000
-107.6014	37.5000	12000
-107.6017	34.6788	2512 w; G&F, 1989
-107.6028	37.4908	12250
-107.6056	31.7936	-6500 TBE
-107.6056	38.1000	8000 EFMPOC
-107.6092	38.5261	8000
-107.6131	33.3414	6750
-107.6142	37.6908	13250
-107.6167	36.9833	-9200 EST.
-107.6172	37.6250	14084
-107.6186	37.5319	11000
-107.6203	38.4708	9500
-107.6250	38.3750	6500
-107.6358	37.4711	10000
-107.6364	37.1061	-6150
-107.6381	33.4569	5000 EFUPOC
-107.6408	32.6350	1000 TBE
-107.6419	32.0544	6600
-107.6436	37.9817	10000
-107.6458	37.5136	10000
-107.6458	37.7281	9000
-107.6486	37.4828	11000
-107.6494	33.1944	500 TBE
-107.6517	32.4353	-500 TBE
-107.6522	33.6131	-2000 TBE
-107.6522	38.5069	8750
-107.6525	34.5203	2615 w; W&G, 1986
-107.6552	38.5790	7479 w
-107.6558	34.1906	-1500 TBE
-107.6561	38.2408	5000 w
-107.6564	35.4428	1060 w; G&F, 1989
-107.6569	32.8406	4000 EFUPOC
-107.6581	38.5650	8000
-107.6628	37.7794	10000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.)	WITH ANNOTATION
-107.6628	38.3464	4100	w
-107.6631	32.1386	4400	
-107.6631	37.6592	10000	
-107.6667	34.5317	2975	EFTOC
-107.6675	37.6158	9500	
-107.6678	38.0169	8000	
-107.6686	37.5750	12500	
-107.6767	32.2433	-7600	w; EST.; Thompson, pers. comm.
-107.6789	37.4614	8500	
-107.6808	32.8100	6500	
-107.6833	37.0000	-9300	EST.
-107.6858	37.6983	13100	
-107.6908	32.9028	6250	
-107.6908	37.3456	0000	
-107.6917	36.9333	-9300	EST.
-107.6983	31.9050	-550	EFUPOC
-107.6989	33.1769	5500	EFLPOC
-107.7000	37.5444	10500	
-107.7042	32.5714	3700	EFUPOC
-107.7053	33.4933	-2000	TBE
-107.7073	37.0986	-7524	w
-107.7097	32.9614	6250	EFLPOC
-107.7125	38.0569	4000	Weimer, 1980
-107.7161	37.6158	8000	
-107.7169	32.3956	5000	
-107.7169	38.5508	8000	
-107.7183	38.5914	7500	
-107.7200	37.6614	13000	
-107.7213	38.3741	4092	w
-107.7223	38.1580	2600	w; CM
-107.7225	32.4353	4750	
-107.7258	37.5183	9500	
-107.7258	37.5614	10500	
-107.7272	32.9458	7500	
-107.7289	38.7676	4240	w
-107.7336	32.5750	7250	
-107.7350	32.9433	7500	
-107.7367	32.9908	7500	
-107.7369	31.4061	-10077	w; Thompson, et.al., 1978; LE.
-107.7372	37.7058	10000	
-107.7458	33.6175	0000	EST.
-107.7464	32.8869	7500	
-107.7492	32.8483	7500	
-107.7500	34.5000	2500	
-107.7500	34.7500	2500	
-107.7500	35.0000	1750	
-107.7500	35.2500	2000	
-107.7500	35.5000	1000	
-107.7500	35.7500	-650	
-107.7500	36.0000	-2500	
-107.7500	36.2500	-4750	
-107.7500	36.5000	-6500	
-107.7500	36.7500	-7250	
-107.7500	37.0000	-9150	EST.
-107.7500	37.2500	-5000	

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-107.7500	38.2500	7250
-107.7506	32.9592	8000
-107.7510	38.5139	4594 w
-107.7611	37.6736	11600
-107.7658	37.6183	10000
-107.7683	32.6228	6250
-107.7719	34.2086	1000 W&G, 1986
-107.7725	37.6022	7750
-107.7733	38.5681	7500
-107.7831	38.9038	2058 w
-107.7875	37.4658	7000
-107.7878	35.0868	1492 w
-107.7887	34.4731	1975 w
-107.7897	37.6386	8500
-107.7942	37.5644	8500
-107.7958	38.6236	7500
-107.7989	32.8450	7000 EFLPOC
-107.7989	37.6128	9000
-107.8000	37.0833	-8900 EST.
-107.8000	37.5228	8000
-107.8009	34.0097	-5071 w
-107.8020	38.8351	3300 w; CP
-107.8022	38.6603	6500
-107.8034	37.4685	7000
-107.8056	37.4956	7500
-107.8161	31.9544	4000 EFCOC
-107.8212	34.5514	2299 w
-107.8246	38.8528	3035 w
-107.8253	34.5647	2300 w; W&G, 1986
-107.8333	38.3750	6000
-107.8389	38.7959	4196 w
-107.8444	38.7272	5500
-107.8456	38.6297	6000
-107.8523	36.5079	-6345 w
-107.8717	32.7367	-1000 TBE
-107.8750	34.8750	3150
-107.8750	35.1250	3500
-107.8750	36.6250	-7100
-107.8750	36.8750	-7000
-107.8750	37.0000	-8950 EST.
-107.8750	37.0417	-8800 EST.
-107.8750	37.1667	-8800 EST.
-107.8894	32.1681	4000 EFCOC
-107.8950	38.8146	3428 w
-107.8978	32.2342	-3300 w; EST.; Thompson, pers. comm.
-107.9028	38.1250	4600 w; CM
-107.9029	31.8845	-2990 w
-107.9036	31.8281	-1000 TBE
-107.9070	38.7638	4501 w
-107.9106	32.3200	-2706 w; Thompson, 1982
-107.9167	37.2500	-3800 EST.
-107.9169	38.6689	3955 w
-107.9263	38.7757	4590 w
-107.9294	32.7603	5500 EFLPOC
-107.9334	38.7804	4563 w

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-107.9336	32.0567	-2684 w; Thompson, pers. comm.
-107.9394	34.9592	7000
-107.9401	38.6868	3564 w
-107.9500	36.9000	-8000 EST.
-107.9503	34.5560	2062 w
-107.9583	34.9908	7250
-107.9600	32.8225	6500
-107.9633	38.6722	3787 w
-107.9675	33.6258	75 TBE
-107.9699	32.3022	-3396 w
-107.9719	34.7497	2855 w; G&F, 1989
-107.9742	34.5384	2062 w
-107.9775	31.3772	-24500 w; Thompson, et.al., 1978; EFUP; LE
-107.9778	34.9728	7500
-107.9778	35.0228	7500
-107.9828	32.8628	-1000 TBE
-107.9836	34.5486	2000 w; W&G, 1986
-107.9847	32.3078	-3525 w; CP; Thompson, 1982
-107.9855	38.8421	3181 w
-107.9874	38.5277	4246 w
-107.9917	34.8750	4500 W&G, 1986
-108.0000	31.7964	-9000 TBE
-108.0000	31.9186	-6750 TBE
-108.0000	33.3333	-500 EST.
-108.0000	34.2500	1500
-108.0000	34.5000	1900
-108.0000	34.7500	2500
-108.0000	35.0000	7750
-108.0000	35.0500	7750
-108.0000	35.2500	6500
-108.0000	35.5000	2000
-108.0000	35.7500	-1000
-108.0000	36.0000	-2250
-108.0000	36.2500	-4250
-108.0000	36.5000	-5600
-108.0000	36.7500	-6350
-108.0000	36.8750	-8650 EST.
-108.0000	37.0000	-8900 EST.
-108.0000	37.1250	-4500
-108.0000	37.2500	-2500
-108.0000	37.3750	2000
-108.0000	37.5000	6000
-108.0000	37.7500	6500
-108.0000	38.0000	2500 EST.
-108.0000	38.2500	7500
-108.0000	38.5000	5250
-108.0093	38.1541	7250 w
-108.0142	37.6956	10000
-108.0163	38.7473	2809 w
-108.0283	32.8553	6000 EFLPOC
-108.0289	35.0956	7750
-108.0311	32.9322	3000 EFMPOC
-108.0333	37.1500	-2950 DT
-108.0378	35.0433	8200
-108.0412	38.0067	1279 w

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-108.0431	37.9931	1284 w; CM
-108.0442	35.1417	8000
-108.0500	35.0119	7700
-108.0575	34.4819	1618 w; G&F, 1989
-108.0625	33.8750	-4100 TBE
-108.0689	34.7303	3650 G&F, 1989
-108.0833	37.0000	-8300 EST.
-108.0833	37.0417	-5450 DT
-108.0833	37.0833	-4100 DT
-108.0833	37.1667	-2850 DT
-108.0850	35.0475	7800
-108.0894	32.8372	6250 EFLPOC
-108.0917	35.0956	8500
-108.0925	31.6922	-7500 TBE
-108.0925	35.1720	9256
-108.0972	35.1192	8750
-108.1037	37.4081	5000
-108.1056	31.6267	-6500 TBE
-108.1133	33.9547	4050 EFUPOC
-108.1189	31.5106	-24500 w; Thompson, 1982; LE; EFMZ
-108.1228	32.1772	4500 EFCOC
-108.1239	35.0869	8000
-108.1250	34.8750	3300
-108.1250	35.3750	5000
-108.1250	35.6250	1600
-108.1250	35.8750	-1250
-108.1250	36.6250	-6000
-108.1250	36.8750	-8500 EST.
-108.1250	36.9417	-8600 EST.
-108.1250	37.0417	-5350 DT
-108.1250	37.0833	-3850 DT
-108.1250	37.1667	-3050 DT
-108.1250	37.2083	-3100 DT
-108.1250	38.1667	5500
-108.1250	38.8750	2000
-108.1272	38.5911	4691 w
-108.1319	33.9925	100 w
-108.1369	38.1569	2300 w; CM
-108.1400	35.1956	8000
-108.1406	31.9842	1000 EFUPOC
-108.1556	35.1614	8500
-108.1594	38.1833	4350 w; CM
-108.1614	34.1772	175 w
-108.1633	37.1544	-3745 w; #
-108.1653	34.1769	300 w
-108.1667	36.9333	-8600 EST.
-108.1667	36.9667	-7600 EST.
-108.1667	37.0000	-5250 DT
-108.1667	37.0833	-4050 DT
-108.1667	37.1667	-3300 DT
-108.1667	37.2083	-3200 DT
-108.1667	38.0833	0000
-108.1672	32.0228	5000
-108.1772	37.2014	-2500
-108.1786	38.1703	3400 w; CM

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-108.1800	31.8014	-5500 EST.
-108.1831	35.1992	8000
-108.1842	34.1881	-750 w
-108.1869	35.1344	8300
-108.1908	31.9186	-9000 TBE
-108.2017	34.0392	910 w; Broadhead, 1990
-108.2047	32.7142	5750
-108.2075	38.5000	6000
-108.2108	35.1981	7750
-108.2122	35.1622	8000
-108.2125	32.1011	1300 EFUPOC
-108.2133	31.6467	2500 TBE
-108.2336	33.0272	1100 TBE
-108.2400	32.4411	5300
-108.2475	37.7400	4100
-108.2500	34.2500	1500
-108.2500	34.5000	1750
-108.2500	35.0000	3500
-108.2500	35.2500	7000
-108.2500	35.5000	4000
-108.2500	35.7500	-1000
-108.2500	36.0000	-1300
-108.2500	36.2500	-4150
-108.2500	36.5000	-5200
-108.2500	36.7500	-6500
-108.2500	36.8333	-8000 EST.
-108.2500	36.8750	-8100 EST.
-108.2500	36.9333	-4300 EST.
-108.2500	37.0000	-4050 DT
-108.2500	37.0833	-3800 DT
-108.2500	37.1158	-3500
-108.2500	37.1667	-4200 DT
-108.2500	37.5000	1000
-108.2500	38.0000	-1000
-108.2500	38.2500	5000
-108.2500	38.3750	7250
-108.2500	38.5000	6500
-108.2500	38.7500	4000
-108.2522	35.1842	8000
-108.2525	31.5567	-2000 EFUPOC
-108.2547	37.5765	1016 w; CP
-108.2581	31.5814	5500 EST.
-108.2706	38.0378	487 w
-108.2717	38.2418	4400 w; CP
-108.2724	38.2394	5550 w; CM
-108.2725	34.4308	1593 w; G&F, 1989
-108.2764	31.7958	-1000 EFUPOC
-108.2828	35.1720	8300
-108.2861	33.7872	2000 TBE
-108.2883	31.7408	4500 EFCOC
-108.2904	38.0333	-1622 w
-108.2917	37.0000	-3800 EST.
-108.2917	37.0417	-3800 EST.
-108.2950	34.2081	1500 TBE
-108.2961	34.0361	750 EST.

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-108.3006	34.5475	2500 EST.
-108.3067	34.3561	1670 w; W&G, 1986
-108.3067	38.0794	-1800 w; CM
-108.3079	36.7899	-6663 w
-108.3094	32.2228	4500 EFCOC
-108.3106	31.6064	2000 EFMPOC
-108.3106	35.1900	8750
-108.3150	35.1875	8750
-108.3167	37.1667	-4250 EST.
-108.3211	31.5408	-7500 EFUPOC
-108.3244	31.7147	1550 w
-108.3250	34.9575	2500 W&G, 1986
-108.3283	35.2272	8000
-108.3320	32.7467	6600
-108.3331	37.3529	0000
-108.3463	38.9336	2590 w
-108.3470	38.1424	-8350 w: CM
-108.3475	32.9142	6000
-108.3533	35.2850	8000
-108.3546	37.0404	-4000
-108.3556	35.2856	8000
-108.3565	38.0783	-3000 w; CM; CP
-108.3592	32.8100	7000
-108.3594	32.0994	0000 EFUPOC
-108.3617	34.7256	2000 W&G, 1986
-108.3636	32.5383	6000
-108.3661	38.6561	6000
-108.3717	32.6906	6750
-108.3750	35.1250	4500
-108.3750	35.3750	6100
-108.3750	35.6250	1900
-108.3750	35.8750	-1150
-108.3750	36.8333	-7550 EST.
-108.3750	36.9167	-4800 EST.
-108.3750	37.0833	-4300 EST.
-108.3750	38.2500	-5000
-108.3750	38.8750	4000
-108.3767	38.2452	-4800 w; CM
-108.3775	32.2964	4950
-108.3786	32.4072	5500
-108.3806	32.4706	5750
-108.3808	32.6944	6000
-108.3853	31.7872	-13500 TBE
-108.3856	32.0906	-5400 w; EST.; Thompson, pers. comm.
-108.3875	34.0000	0000 EST.; W&G, 1986
-108.3925	32.0000	-9000 TBE
-108.3942	32.5114	6000
-108.3942	32.8597	6000
-108.4026	35.4934	4481 w
-108.4081	38.5794	7000
-108.4083	31.6083	-5000 EFUPOC
-108.4125	31.6425	2000 EST.
-108.4167	34.0283	1970 w
-108.4167	37.1250	-4150 EST.
-108.4242	31.3847	-15500 G&F, 1989

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-108.4269	31.6311	-1000 EST.
-108.4272	31.4967	-10500 w; CP
-108.4319	32.3597	5500
-108.4333	32.5792	7500
-108.4385	37.5520	-811 w; CP
-108.4392	37.6250	-1100 w; CM
-108.4444	31.5567	-10000 G&F, 1989
-108.4444	31.7592	5600
-108.4475	37.2132	-3000
-108.4489	38.6333	7000
-108.4497	31.9408	-11000 Seager, 1983
-108.4511	33.8214	0000 EST.
-108.4523	36.4440	-4808 w
-108.4553	38.3281	-700 w; CM
-108.4569	35.2914	7800
-108.4597	31.8050	-14000 G&F, 1989
-108.4597	32.1319	-5032 w
-108.4631	38.4008	7500
-108.4653	32.5203	6000
-108.4661	31.9131	-11250 G&F, 1989
-108.4667	32.3725	6700
-108.4678	33.5136	5000
-108.4739	35.3067	7700
-108.4754	34.4167	1586 w
-108.4814	32.5431	6000
-108.4819	34.4183	1633 w; G&F, 1989
-108.4828	34.9050	1250 EFMZOC
-108.4842	32.7222	5500
-108.4878	34.3522	1400 w; W&G, 1986
-108.4906	32.2006	-1750 G&F, 1989
-108.4933	38.2853	-8500 EFMZOC
-108.4992	35.3656	8100
-108.5000	33.5000	6000
-108.5000	34.2500	1750
-108.5000	34.5000	1800
-108.5000	34.7500	1750
-108.5000	35.0000	1500
-108.5000	35.2500	4500
-108.5000	35.5000	1000
-108.5000	35.7500	-500
-108.5000	36.0000	-2500
-108.5000	36.2500	-4150
-108.5000	36.5000	-4750
-108.5000	36.7500	-3750
-108.5000	36.8750	-4800
-108.5000	37.0000	-4300 EST.
-108.5000	37.2500	-2750
-108.5000	37.5000	-1600
-108.5000	37.7500	-600
-108.5000	38.0000	-5000
-108.5000	38.2500	-7500
-108.5000	38.5000	8000
-108.5014	31.6200	-8000 TBE
-108.5072	35.3592	8250
-108.5081	32.5114	5500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-108.5089	38.3435	-817 w
-108.5089	38.4114	7500
-108.5172	31.6789	-2500 TBE
-108.5192	31.4389	-14000 TBE
-108.5278	38.8569	6350
-108.5281	32.4617	7000
-108.5333	38.4239	7500
-108.5342	35.1922	1000 EFMZOC
-108.5363	37.5327	-1400 w; CM
-108.5375	32.6720	7000
-108.5433	31.6986	-2575 w
-108.5433	38.4383	8250
-108.5439	32.3983	5500
-108.5453	32.5656	5000
-108.5553	32.5158	5500
-108.5572	31.7964	-2500 TBE
-108.5655	39.0460	3373 w
-108.5694	34.9581	2500 W&G, 1986
-108.5706	31.6403	-2750 EFUPOC
-108.5783	32.0983	-350 EFUPOC
-108.5839	38.4583	8000
-108.5860	37.6928	-2250 w; CM
-108.5925	32.7783	5000
-108.5925	35.2942	1000 Anderson and others, editors, 1989
-108.5936	32.7761	5000
-108.6028	37.6414	-2053 w; #
-108.6058	31.9731	-4750 TBE
-108.6142	33.7103	0000 EST.
-108.6144	38.4908	9000
-108.6150	32.7150	5500
-108.6153	32.0475	-9500 TBE
-108.6164	37.6422	-1800 w; CM
-108.6214	38.8181	7500
-108.6250	35.1250	2000
-108.6250	35.3750	4500
-108.6250	35.6250	-500 EST.
-108.6250	37.1250	-3750
-108.6250	38.0000	-5100
-108.6250	38.1667	-7500
-108.6250	38.2500	-8000
-108.6267	31.8750	-1416 w
-108.6392	38.9636	6500
-108.6411	34.5847	2453 w; G&F, 1989
-108.6412	36.4173	-4612 w; CP
-108.6456	33.1219	-650 TBE
-108.6472	32.6017	4000 TBE
-108.6481	38.5272	8500
-108.6514	37.3618	-1688 w
-108.6560	31.6387	1037 w; estimated from Pennsylv. penetration
-108.6603	35.4569	1000 EFMZOC
-108.6625	32.3214	-3000 TBE
-108.6650	33.2286	1350 EST.
-108.6667	38.3667	-10000
-108.6696	37.7312	-1948 w; CP
-108.6697	37.7436	-1500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-108.6700	31.6322	-4500 EFUPOC
-108.6747	33.4500	1500 EST.
-108.6760	36.5660	-2553 w
-108.6767	34.4178	2530 w; W&G, 1986
-108.6793	37.4444	-2079 w; CP
-108.6831	38.5047	7500
-108.6864	38.0347	-4189 w
-108.6981	38.5614	7500
-108.6989	38.6181	8000
-108.6992	38.7294	8500
-108.6998	38.4628	-7265 w
-108.7008	38.7522	8000
-108.7069	36.9398	-3560 w; CP
-108.7089	36.9400	-3465 w
-108.7121	37.7873	719 w
-108.7150	38.5283	7000
-108.7161	37.4403	-1898 w
-108.7167	38.3842	-14700 w; CM
-108.7169	38.5544	8000
-108.7197	37.4506	-1920
-108.7214	32.0792	-2000 EST.
-108.7250	31.8728	5000
-108.7263	38.0267	-5400 w; CM
-108.7325	38.7986	8000
-108.7333	32.7761	5000
-108.7375	32.2014	-2500 EST.
-108.7403	35.4275	0000 EFMZOC
-108.7500	33.7500	5000
-108.7500	34.0000	1800
-108.7500	34.2500	350
-108.7500	34.5000	2650
-108.7500	34.7500	3000
-108.7500	34.8697	3000 W&G, 1986
-108.7500	35.2500	2500
-108.7500	35.5000	500
-108.7500	35.7500	0000
-108.7500	36.0000	-1000
-108.7500	36.2500	-2200
-108.7500	36.5000	-1750
-108.7500	36.7500	-3000
-108.7500	37.0000	-3250
-108.7500	37.2500	-2500
-108.7500	37.5000	-1750
-108.7500	37.6250	-1750
-108.7500	37.7500	-2100
-108.7500	38.0000	-4000
-108.7500	38.2500	-8000
-108.7500	38.5000	-15000
-108.7500	39.0000	5250
-108.7520	36.5257	-1579 w
-108.7567	38.5619	6500
-108.7572	36.4597	-1115 w
-108.7580	36.9204	-3513 w
-108.7590	38.0965	-6000 w; CM
-108.7595	38.0011	-4985 w

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-108.7616	35.0367	4517 w
-108.7617	38.6772	8500
-108.7694	38.6397	7500
-108.7709	36.4817	-1195 w
-108.7778	38.5983	6500
-108.7814	38.6892	8000
-108.7872	31.7783	-2500 TBE
-108.7875	37.3772	-1520 w; CP; Loleit, 1963
-108.7878	37.3653	-1359 w
-108.7878	38.7364	7000
-108.7879	36.4853	-1190 w; CP
-108.7886	36.4963	-1330 w; CP
-108.7894	32.4433	4250
-108.7944	37.3625	-1800
-108.7956	37.7294	-2163 w; #
-108.7958	33.2692	1000 EST.
-108.7989	31.9275	-1500 TBE
-108.8022	32.7239	3000 TBE
-108.8033	36.8267	-2793 w
-108.8133	38.7256	9000
-108.8202	35.1414	4743 w
-108.8206	33.8703	-1000 EST.
-108.8306	35.5531	-362 w
-108.8356	32.0339	-2500 EFUPOC
-108.8356	32.1417	-2640 w; Thompson, pers. comm.
-108.8372	38.7522	8500
-108.8381	32.1711	-3160 w; Thompson, 1982
-108.8386	38.8114	9000
-108.8492	33.2925	500 TBE
-108.8499	39.2098	2310 w
-108.8503	38.9400	7000
-108.8539	38.7044	7500
-108.8587	38.0673	-3315 w
-108.8611	36.6276	-2150 w
-108.8617	32.1042	-6250 TBE
-108.8667	31.4433	-12000 w; Thompson, pers. comm.
-108.8678	31.9142	-500 EFUPOC
-108.8678	35.2794	4300 Anderson, 1990
-108.8679	38.0787	-3000 w; CM
-108.8685	36.4072	-209 w
-108.8697	36.5662	-1910 w
-108.8717	31.5972	-10500 TBE
-108.8722	38.7636	7500
-108.8750	38.3750	-7500
-108.8750	38.5000	-9500
-108.8750	38.6167	-10000
-108.8780	36.5422	-477 w
-108.8789	38.7103	6000
-108.8814	38.3400	-11000 w; CM
-108.8826	36.5104	-342 w
-108.8844	38.7325	7000
-108.8853	38.7750	6000
-108.8869	35.2647	5000 Anderson, 1990
-108.8908	38.9972	6500
-108.8942	38.2908	-10300 w; CM

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-108.8961	36.5169	-493 w
-108.8964	32.3461	-4000 TBE
-108.9002	36.4638	-525 w
-108.9074	37.0958	-2878 w
-108.9083	37.0944	-2878 w
-108.9086	31.9525	-3000 EFUPOC
-108.9144	38.7272	5000
-108.9178	36.2433	4700 w
-108.9186	38.8000	7500
-108.9223	36.4645	-226 w
-108.9287	36.9660	-3051 w; CP
-108.9303	37.5800	-2800 w; CM
-108.9315	38.1227	-5330 w
-108.9336	38.9636	7000
-108.9358	32.7239	4400
-108.9374	36.2183	4927 w
-108.9375	37.9952	-4100 w; CM
-108.9397	39.0136	6000
-108.9414	34.9144	4000 W&G, 1986
-108.9419	38.7711	7000
-108.9461	32.0792	4250
-108.9569	35.9416	4828 w
-108.9583	32.6028	0000 TBE
-108.9585	36.2660	5226 w
-108.9611	37.0370	-2289 w
-108.9650	38.8522	8000
-108.9688	38.3085	-4669 w
-108.9692	38.0419	-4236 w; #
-108.9699	38.0421	-3850 w; CM
-108.9733	32.1006	5100
-108.9742	38.0780	-3820 w
-108.9770	36.2447	4458 w
-108.9805	37.0017	-2402 w
-108.9806	32.1603	-1800 EFUPOC
-108.9812	37.0017	-2496 w; CP
-108.9881	38.9783	6500
-108.9882	38.1006	-3838 w
-108.9915	38.2907	-4558 w; CM
-108.9923	38.0930	-3839 w
-108.9948	35.1882	3335 w
-108.9969	38.0503	-3600 w; CM
-109.0000	32.8483	3500 TBE
-109.0000	33.5000	5800
-109.0000	33.7500	5000
-109.0000	34.2500	4250
-109.0000	34.5000	3000
-109.0000	34.7500	3000
-109.0000	35.0000	2000
-109.0000	35.2500	4500
-109.0000	35.5000	5000
-109.0000	35.7500	2000 EST.
-109.0000	35.8750	4750 EST.
-109.0000	36.0000	4000
-109.0000	36.2500	3500
-109.0000	36.5000	-250

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.0000	36.7500	-500
-109.0000	37.0000	-2250
-109.0000	37.2500	-2800
-109.0000	37.3750	-3000
-109.0000	37.5000	-3200
-109.0000	37.6250	-2250
-109.0000	37.7500	-1900
-109.0000	38.0000	-4000
-109.0000	38.2500	-4500
-109.0000	38.5000	-7500
-109.0000	38.6250	-8000
-109.0000	38.6667	-7500
-109.0000	38.7200	-7500
-109.0000	39.0000	6000
-109.0015	36.3046	4828 w
-109.0044	38.0294	-3650 w; CM
-109.0053	38.1225	-4500 w; CM
-109.0054	38.2661	-6000 w; CM
-109.0086	38.2136	-6550 w; CM
-109.0091	36.5879	38 w
-109.0094	37.7526	-2350 w; CM
-109.0097	36.9300	-2256 w; CP
-109.0098	38.1115	-4900 w
-109.0121	36.8170	439 w
-109.0128	38.7435	-3154 w
-109.0167	33.2264	-500 EST.
-109.0175	38.8544	7500
-109.0175	38.9658	6500
-109.0176	37.0237	-2224 w
-109.0183	33.8897	4750 EFUPOC
-109.0246	34.4658	3801 w
-109.0286	32.1592	4300
-109.0303	37.2012	-1048 w; CP
-109.0411	35.5883	4000 +
-109.0472	38.9114	7000
-109.0494	35.6950	2000 +
-109.0497	39.0114	5500
-109.0511	35.2800	3500 +
-109.0525	38.8675	7000
-109.0533	32.3706	-3000 TBE
-109.0610	38.1615	-5800 w; CM
-109.0633	31.7500	-6000 TBE
-109.0667	35.7889	7500
-109.0706	35.4158	5000 +
-109.0722	34.1906	4200 Conley, 1977
-109.0739	38.3061	-5400 w; CM; CP
-109.0763	36.3982	4874 w; CP
-109.0768	36.4457	3642 w
-109.0813	36.9136	-1656 w
-109.0837	37.7226	-2150 w; CM
-109.0858	36.4917	4000 +
-109.0864	32.7306	-2500 TBE
-109.0875	34.3008	4000 +
-109.0908	36.6514	2300 *
-109.0914	36.8997	-1842 w

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.0917	35.7111	5500
-109.0929	36.9010	-1812 w; CP
-109.0934	36.9387	-1733 w; CP
-109.0942	32.2422	-3000 TBE
-109.0947	36.9390	-1702 w
-109.0961	36.0000	5000 *
-109.0969	35.7092	5580 Thaden, 1990
-109.0992	34.7058	2500 +
-109.0994	35.9508	5000 +
-109.1008	31.9794	-6300 TBE
-109.1028	35.8514	7000 +
-109.1056	35.4747	6500 +
-109.1106	36.4743	4031 w
-109.1125	36.7931	2000 +
-109.1230	36.4846	3597 w
-109.1236	32.0136	-9000 TBE
-109.1247	36.5461	2500 +
-109.1250	32.1886	-8000 TBE
-109.1250	35.7125	6600
-109.1250	35.7133	6620 Thaden, 1990
-109.1250	37.8750	-2900
-109.1250	38.6667	-8000
-109.1278	32.0908	-10600 TBE
-109.1283	31.6569	-5000 TBE
-109.1286	32.8247	-1500 TBE
-109.1300	35.6472	6500 +
-109.1313	36.5064	3180 w; CP
-109.1314	36.4565	3857 w
-109.1316	36.4710	3951 w
-109.1319	36.4913	3517 w
-109.1333	39.0000	5000
-109.1344	36.9506	-1535 w
-109.1364	31.9044	2500 EFUPOC
-109.1379	37.8094	-2650 w; CM
-109.1404	36.4773	3863 w; Peirce, et. al., 1970
-109.1419	34.3928	3000 +
-109.1444	34.5381	3400 Conley, 1977
-109.1458	36.7436	2500 +
-109.1460	39.1870	3162 w
-109.1467	34.8656	2000 +
-109.1506	36.4785	3928 w
-109.1561	31.9456	5000
-109.1572	34.2353	4641 w; Conley, 1977
-109.1589	31.3681	-1750 w; CP
-109.1606	33.5206	3250 EST.
-109.1611	36.1536	5000 +
-109.1631	32.9225	-2500 TBE
-109.1667	36.4987	3695 w
-109.1667	38.5417	-7500
-109.1667	38.8100	-5000
-109.1667	39.0000	5000
-109.1681	38.1500	-4300 w; CM
-109.1689	31.5183	2050 EFUPOC
-109.1723	36.7060	1343 w
-109.1728	32.0667	-9000 TBE

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.1733	38.3353	-6400 w; CM
-109.1739	35.3108	5500 +
-109.1764	32.5000	-3000 TBE
-109.1776	36.8105	483 w
-109.1787	38.1677	-3850 w; CM
-109.1798	36.4048	3240 w
-109.1819	35.1050	3500 +
-109.1828	32.1825	-11750 TBE
-109.1839	32.2772	-7250 TBE
-109.1867	37.5103	-4000 *
-109.1883	38.3181	-6050 w; CM
-109.1887	38.0705	-4050 w; CM
-109.1892	36.0138	5568 w
-109.1903	32.0258	4500
-109.1905	38.1721	-3000 w; CM
-109.1931	37.1089	-3000 *
-109.1950	36.5371	3317 w
-109.1981	36.3739	3500 +
-109.2022	34.8044	3000 Conley, 1977
-109.2072	33.7272	4400 EST.
-109.2074	36.0719	5150 w
-109.2090	36.5759	2615 w; CP
-109.2128	32.1228	-7250 TBE
-109.2147	31.9886	5000
-109.2150	36.3183	4102 w
-109.2150	36.9181	1500 +
-109.2178	35.7186	6500 +
-109.2194	34.5631	3000 +
-109.2209	36.8730	216 w
-109.2264	38.1692	-3350 w; CM
-109.2289	35.9142	7000 +
-109.2294	31.9569	6250
-109.2328	32.6908	-3250 TBE
-109.2328	34.1556	3000 +
-109.2369	33.0408	4500
-109.2387	36.8839	450 w; CP
-109.2399	39.1291	994 w
-109.2415	38.1688	-3100 w; CM
-109.2431	35.5714	6500 +
-109.2453	33.0206	4050
-109.2454	34.7005	3391 w
-109.2458	37.4136	-4000 *
-109.2479	36.8809	31 w
-109.2500	33.7500	4000
-109.2500	34.0000	3200
-109.2500	34.2500	3900
-109.2500	34.5000	4000
-109.2500	34.7500	2750
-109.2500	35.0000	3750
-109.2500	35.2500	4000
-109.2500	35.5000	5500
-109.2500	35.7500	7000
-109.2500	36.0000	7200
-109.2500	36.2500	4500
-109.2500	36.5000	2250

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.2500	36.7500	250
-109.2500	37.0000	-1000
-109.2500	37.2500	-3200
-109.2500	37.5000	-4100 *
-109.2500	37.6250	-2800
-109.2500	37.7500	-2500
-109.2500	38.0000	-2000
-109.2500	38.2500	-4000
-109.2500	38.5000	-6000
-109.2500	38.7500	-10000
-109.2500	38.9167	3850
-109.2500	39.0000	3500
-109.2510	36.1988	4681 w
-109.2532	38.2025	-4700 w; CM
-109.2533	38.1750	-3000 w; CM
-109.2556	36.6706	2000 *
-109.2581	32.3197	-8000 TBE
-109.2589	32.3864	-7350 TBE
-109.2632	39.2288	514 w
-109.2666	36.8843	254
-109.2678	35.2617	5000 Conley, 1977
-109.2682	38.1905	-2669 w
-109.2697	36.4853	2500 +
-109.2708	32.0000	5500
-109.2708	34.5061	2600 Conley, 1977
-109.2720	38.2020	-4700 w; CM
-109.2725	38.1664	-3000 w; CM
-109.2729	38.2020	-2662 w
-109.2744	36.3334	4031 w
-109.2767	38.1983	-2761 w
-109.2769	38.2375	-4600 w; CM
-109.2778	36.8217	0000 +
-109.2794	35.4328	5000 +
-109.2833	31.9394	6000 EST.
-109.2862	38.2053	-3673 w
-109.2875	38.2533	-4600 w; CM
-109.2880	33.1678	5000
-109.2928	32.1864	-4000 TBE
-109.2947	33.1333	4500
-109.2979	37.1316	-1480 w; CP
-109.2987	36.8912	231 w
-109.2989	33.0847	4000
-109.3022	37.5608	-2600 w; CM
-109.3031	36.8946	161 w
-109.3042	38.2274	-5351 w
-109.3048	37.3006	-3340 w
-109.3052	37.3005	-3257 w; Loleit, 1963
-109.3061	32.2636	-9000 TBE
-109.3067	31.6272	4750 EFLPOC
-109.3092	34.3356	3000 Conley, 1977
-109.3097	32.1431	5150
-109.3128	31.7386	-1750 EFMZOC
-109.3128	34.6608	2800 Conley, 1977
-109.3131	38.7586	-11500 w; CM
-109.3136	34.8100	2500 +

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.3174	36.2127	5130 w
-109.3176	36.3366	4058 w
-109.3193	38.7188	-9850 w; CM; CP
-109.3194	31.5614	4250 EFLPOC
-109.3228	36.3114	4079 w
-109.3228	38.2625	-4750 w; CM
-109.3242	38.9811	1748 w
-109.3253	32.9842	2500 EST.
-109.3272	32.8150	-2000 TBE
-109.3281	36.7731	1000 +
-109.3297	36.9898	-1142 w; CP
-109.3311	34.8842	2000 Conley, 1977
-109.3317	33.1181	6750
-109.3331	32.0592	7650
-109.3333	38.6667	-12500
-109.3333	38.8333	-5000
-109.3333	39.0000	2500
-109.3368	36.3751	3872 w
-109.3374	38.9482	1956 w
-109.3386	31.7842	-1750 EFMZOC
-109.3406	36.8597	-500 +
-109.3409	38.1767	-4200 w; CM
-109.3442	36.1178	6000 +
-109.3470	36.8775	-401 w
-109.3486	34.9181	2500 +
-109.3486	35.7217	6000 +
-109.3500	33.0772	4500
-109.3524	37.1749	-2600 w; CM; CP
-109.3528	32.4772	-7500 TBE
-109.3530	36.8923	-138 w
-109.3531	32.5228	-4200 TBE
-109.3536	32.1978	-3750 TBE
-109.3542	33.2044	6000
-109.3550	33.0419	4500
-109.3551	35.1960	3698
-109.3561	36.2806	4500 +
-109.3589	38.3908	-5150 w; CM
-109.3598	36.4711	2825 w
-109.3600	37.4444	-4000 *
-109.3618	36.8806	-533 w; CP
-109.3636	38.0597	-3600 w; CM
-109.3639	35.1297	3750 +
-109.3641	37.1659	-1904 w; CP
-109.3658	36.6386	1000 +
-109.3689	34.0658	2000 +
-109.3697	31.4294	-10000 w; total depth in Cretaceous
-109.3747	31.6772	4000EFMPOC
-109.3750	34.3042	4000 +
-109.3750	37.8750	-2500
-109.3773	36.5630	1693 w
-109.3778	38.5358	-4000 w; CM
-109.3792	32.0906	6450
-109.3794	33.1522	6000
-109.3825	33.0931	6000
-109.3848	36.9095	-716 w; CP

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.3872	32.3653	-10000 TBE
-109.3872	33.0456	-500 EFMZOC
-109.3900	31.6364	-8000 EST.
-109.3950	32.1733	4250
-109.3953	32.1283	5750
-109.3994	32.4069	-9500 TBE
-109.4008	37.5633	-4000 *
-109.4022	33.1317	7000
-109.4033	37.0681	-1500 EST.
-109.4033	38.9629	716 w
-109.4063	36.0181	5855 w
-109.4063	36.3246	3619 w
-109.4117	37.3588	-3278 w
-109.4139	38.6719	-7883 w; CP
-109.4167	31.9044	-5500 EST.
-109.4208	35.5450	4500 +
-109.4214	34.4456	3000 +
-109.4231	37.5060	-3550 w; CM
-109.4250	35.1014	3000 Conley, 1977
-109.4295	33.0736	5000
-109.4333	33.3456	250 TBE
-109.4344	32.1236	6543
-109.4386	33.2281	4750 EFMPOC
-109.4456	36.6827	460 w
-109.4467	31.5706	3700 EFCOC
-109.4469	36.8731	-1000 +
-109.4472	32.2136	4100
-109.4475	36.6231	574 w; CP
-109.4489	34.4511	1900 Conley, 1977
-109.4547	38.9931	-14579 w; CM; THRUST (LOWER PRECAMBRIAN BLOCK)
-109.4603	33.1556	5000
-109.4625	34.2522	2000 +
-109.4636	32.2942	-6000 TBE
-109.4661	35.4478	4000 +
-109.4713	36.3995	3415 w
-109.4739	35.9453	4000 +
-109.4778	32.1319	5000
-109.4797	36.8092	0000 +
-109.4799	38.3282	-4150 w; CM
-109.4800	38.4553	-3400 w; CM
-109.4875	34.6900	3150 Conley, 1977
-109.4914	32.1719	5500
-109.4917	38.4214	-3800 w; CM
-109.4961	36.9068	-1572 w; CP
-109.4964	34.6842	3000 +
-109.4971	37.0373	-743 w; CP
-109.4981	36.1058	4000 +
-109.4994	37.2136	-3000 *
-109.5000	31.5983	-6000 EST.
-109.5000	31.6431	-5000 EST.
-109.5000	32.5000	-7500 TBE
-109.5000	32.7500	-2200 TBE
-109.5000	33.5000	5300
-109.5000	33.7500	3500
-109.5000	34.0000	3400

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.5000	34.2500	3100
-109.5000	34.5000	3100
-109.5000	34.7500	2500
-109.5000	35.0000	3000
-109.5000	35.2500	3500
-109.5000	35.5000	4500
-109.5000	35.7500	5000
-109.5000	36.0000	3000
-109.5000	36.2500	2500
-109.5000	36.5000	1500
-109.5000	36.7500	-250
-109.5000	37.0000	-1500
-109.5000	37.2500	-3100
-109.5000	37.5000	-3200
-109.5000	37.7500	-1750
-109.5000	38.0000	-1900
-109.5000	38.2500	-3150
-109.5000	38.5000	-5000
-109.5000	38.6250	-10000
-109.5000	38.7500	-11000
-109.5000	38.8333	-6000
-109.5000	39.0000	-5000
-109.5092	32.2008	7587
-109.5100	32.0342	-6000 TBE
-109.5106	36.6647	0000 +
-109.5108	33.1281	4500
-109.5125	31.7292	-5500 EST.
-109.5139	34.8064	2400 Conley, 1977
-109.5164	33.8050	4250 EST.
-109.5174	38.4491	-3500 w; CM
-109.5189	32.2797	4000
-109.5217	32.5931	-5750 TBE
-109.5231	32.3831	-6250 TBE
-109.5233	37.5636	-3635 w; CP
-109.5236	31.6572	-5000 EST.
-109.5236	38.9534	-14750 w; CM; CP
-109.5278	34.2842	2400 Conley, 1977
-109.5290	36.2438	2722 w; CP
-109.5303	32.8228	-2250 TBE
-109.5322	38.0998	-2500 w; CM
-109.5417	34.5944	3000 Conley, 1977
-109.5422	34.9683	2400 Conley, 1977
-109.5428	31.8158	-9000 TBE
-109.5444	31.9044	-11000 TBE
-109.5447	31.6831	6500
-109.5489	32.7408	-6250 TBE
-109.5508	37.3938	-1748 w; CP
-109.5586	32.1486	5100
-109.5594	39.0547	250 w
-109.5653	31.7136	5000
-109.5677	36.9109	-1340 w
-109.5691	37.3908	-1744 w; CP
-109.5700	32.1908	6000
-109.5713	36.3246	1418 w
-109.5717	31.6431	-2500 EFUPOC

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.5721	36.8557	-1061 w; CP
-109.5756	34.2731	3000 +
-109.5824	36.7717	-747 w
-109.5833	34.8017	2000 +
-109.5833	38.8333	-10000
-109.5883	32.5000	-6000 TBE
-109.5906	35.8614	3000 +
-109.5979	38.3483	-3650 w; CM
-109.6002	37.0590	-2220 w; CP
-109.6022	37.0883	-2000 *
-109.6025	36.8521	-1169 w
-109.6028	32.2731	6000
-109.6075	37.3447	-2000 *
-109.6133	32.2772	6000
-109.6139	32.3019	4400
-109.6206	31.5408	-100 w
-109.6217	34.4474	2148 w
-109.6250	37.8750	-650
-109.6250	38.9167	-12000 EST.
-109.6250	39.1111	-750
-109.6261	36.8879	-1196 w; CP
-109.6264	31.3483	-14000 TBE
-109.6267	36.6008	500 +
-109.6272	32.6850	-12250 TBE
-109.6286	32.7592	-10350 TBE
-109.6297	32.8636	-2000 TBE
-109.6300	36.4158	1000 +
-109.6308	36.2228	1000 +
-109.6317	31.4206	-10000 TBE
-109.6328	32.1817	5000
-109.6339	32.4342	4250
-109.6381	32.5378	-3000 TBE
-109.6408	31.8044	3750 EFLPOC
-109.6411	34.5337	2248 w
-109.6436	32.1044	8000 TBE
-109.6469	36.1092	1500 +
-109.6482	36.6417	22 w
-109.6507	36.7611	-621 w
-109.6528	32.6000	-5750 TBE
-109.6548	38.4960	-5100 w; CM
-109.6558	31.8636	3750 EFLPOC
-109.6558	33.0000	0000 TBE
-109.6561	37.5692	0000 *
-109.6562	36.7933	-686 w
-109.6578	33.2522	6000
-109.6582	38.2772	-2200 w; CM
-109.6589	32.8319	-3500 TBE
-109.6658	32.5000	4400
-109.6665	36.9570	-1655 w
-109.6667	39.0417	-14500 EST.
-109.6668	36.9507	-1870 w
-109.6684	37.0068	-2134 w; CP
-109.6709	37.1842	-2716 w; Loleit, 1963
-109.6711	32.5294	4350
-109.6761	35.0842	2000 +

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.6783	33.1936	6000
-109.6794	36.9502	-2159 w
-109.6806	32.6606	-5500 TBE
-109.6806	38.3462	-2050 w; CM
-109.6814	38.5431	-5350 w; CM
-109.6864	33.1864	5250
-109.6868	39.2320	-1729 w
-109.6881	38.7372	-8450 w; CM
-109.6890	38.2240	-2700 w; CM
-109.6967	34.9075	2000 +
-109.6972	32.3136	4500
-109.6981	32.2636	6000
-109.6994	34.4186	2400 Conley, 1977
-109.7006	32.3956	4500
-109.7017	37.0117	-2000 *
-109.7033	36.8967	-2000 *
-109.7039	32.5864	4000
-109.7053	33.4156	1500 TBE
-109.7093	37.4737	928 w; CP
-109.7133	38.3480	-2574 w; CP
-109.7139	35.0558	1800 Conley, 1977
-109.7147	32.7264	-6250 TBE
-109.7150	36.3294	0000 +
-109.7153	35.3514	3000 +
-109.7169	35.6631	3000 +
-109.7182	38.5568	-3750 w; CM
-109.7208	33.6228	3250 EST.
-109.7214	31.5569	-13500 TBE
-109.7233	33.2169	6250
-109.7270	37.2746	1428 w; CP
-109.7278	33.2500	5750 EFMPOC
-109.7278	36.9683	-2100 *
-109.7286	38.4508	-3850 w; CM
-109.7294	34.7683	1600 Conley, 1977
-109.7301	34.6691	1694 w
-109.7311	38.3063	-1600 w; CM
-109.7369	32.6500	4250
-109.7417	34.1933	2000 +
-109.7428	38.5106	-3600 w; CM
-109.7428	38.8956	-11500 w; CM
-109.7431	37.0478	-2000 *
-109.7458	32.8219	-7500 TBE
-109.7472	34.3303	2500 +
-109.7500	33.0000	-1250 TBE
-109.7500	34.0000	4000 EST.
-109.7500	34.5000	2000
-109.7500	34.7500	1750
-109.7500	35.0000	2350
-109.7500	35.2500	2400
-109.7500	35.5000	2500
-109.7500	35.7500	2500
-109.7500	36.0000	1000
-109.7500	36.2500	-200
-109.7500	36.5000	0000
-109.7500	36.7500	-1000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.7500	37.0000	-1400
-109.7500	37.2500	500
-109.7500	37.5000	1200
-109.7500	37.7500	1000
-109.7500	38.0000	250
-109.7500	38.2500	-1650
-109.7500	38.5000	-3500
-109.7500	38.7500	-9500
-109.7500	39.0000	-15000
-109.7519	32.5192	5000
-109.7547	33.2819	5250 EFMPOC
-109.7564	34.4747	2200 Conley, 1977
-109.7564	37.5781	2000 *
-109.7569	32.9386	-4250 TBE
-109.7600	32.2864	4500
-109.7603	33.2569	5500
-109.7620	37.7299	3000 w; CM
-109.7633	38.5044	-3350 w; CM
-109.7647	32.4908	6000
-109.7658	32.7658	-5500 TBE
-109.7669	34.7031	1500 +
-109.7675	38.1580	-1400 w; CM
-109.7675	38.4781	-3700 w; CM
-109.7681	36.1639	-200 *
-109.7713	36.9650	-1795 w; CP
-109.7756	32.7000	4000
-109.7842	36.9253	-2000 +
-109.7861	34.8489	2000 Conley, 1977
-109.7877	36.7981	-1358 w; CP
-109.7917	36.7228	-1000 +
-109.7922	35.8236	1500 +
-109.7931	38.5364	-3400 w; CM
-109.7936	32.6036	7500
-109.7939	38.5561	-3700 w; CM
-109.7993	37.5502	1650 w; CM
-109.8003	34.4117	2000 +
-109.8022	32.4819	5500
-109.8042	34.2928	2233 w
-109.8056	37.1886	2268 w; CM; Total depth in granite wash
-109.8064	32.6739	6550
-109.8072	38.6011	-3650 w; CM
-109.8087	37.8466	3100 w; CM
-109.8100	37.1894	2220 w; *
-109.8103	32.5228	6750
-109.8103	38.8869	-10500 w; CM
-109.8104	36.8007	-988 w
-109.8119	35.4278	2000 +
-109.8139	32.3636	4500
-109.8150	36.8051	-1186 w
-109.8156	32.7500	4500
-109.8175	38.4819	-3900 w; CM
-109.8192	31.7636	3700 EFLPOC
-109.8197	36.5483	0000 +
-109.8197	36.7724	-1206 w
-109.8206	36.5817	0000 *

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.8206	37.3469	2000 *
-109.8250	35.1992	2000 +
-109.8261	33.8239	2000 EFUPOC
-109.8297	36.9456	-1000 *
-109.8339	37.0381	2000 *
-109.8343	37.9667	2058 w
-109.8375	37.9658	2200 w; CM
-109.8389	34.1250	1000 EST.
-109.8393	36.1499	583 w
-109.8394	32.4864	5000
-109.8453	32.1458	-10000 TBE
-109.8497	32.0000	-9000 TBE
-109.8500	32.9042	-6250 TBE
-109.8514	32.6464	10028
-109.8525	38.9819	-3425 w
-109.8569	32.8183	-5600 TBE
-109.8600	32.5136	5000
-109.8639	36.9497	0000 +
-109.8644	36.0408	1000 *
-109.8669	35.1236	2400 Conley, 1977
-109.8689	32.6978	10713
-109.8692	38.3618	-2050 w; CM
-109.8736	37.9931	1900 w; CM
-109.8744	32.5592	5000
-109.8750	38.6250	-4500
-109.8819	37.5956	1550 w; CM
-109.8827	37.7909	2600 w; CM
-109.8839	32.7206	5000
-109.8853	37.5752	1450 w; CM
-109.8867	34.3458	2000 Conley, 1977
-109.8892	36.3364	-1000 *
-109.8894	37.8614	2400 w; CM
-109.8931	38.3864	-1617 w; CP
-109.8969	34.0572	2000 +
-109.8983	36.8919	-1500 +
-109.8986	36.2753	-500 +
-109.9008	34.8931	2000 Conley, 1977
-109.9033	33.0000	-4050 TBE
-109.9033	37.7636	2550 w; CM
-109.9072	33.9408	2200 EFUPOC
-109.9075	32.4000	-7000 TBE
-109.9092	34.6106	1600 Conley, 1977
-109.9114	31.9206	4875
-109.9222	33.7431	1800 EFUPOC
-109.9231	36.9754	1836 w; CP
-109.9233	38.6464	-5300 w; CM
-109.9256	35.9244	1000 +
-109.9275	38.6394	-4500 w; CM
-109.9292	34.9433	1500 +
-109.9297	37.2814	1867 w
-109.9319	36.8319	-1550 *
-109.9322	37.6258	2000 *
-109.9361	34.7592	1600 Conley, 1977
-109.9439	36.4725	-526 w; CP
-109.9456	36.3444	-1000 +

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-109.9458	35.1492	2000 +
-109.9472	36.6556	-1500 +
-109.9480	35.0773	2367 w
-109.9504	36.5323	-641 w; CP
-109.9569	34.2333	2000 +
-109.9575	36.1972	0000 *
-109.9628	35.6428	1000 +
-109.9636	32.6431	5000
-109.9672	32.7136	9000
-109.9675	32.8767	-9250 TBE
-109.9694	32.0181	3200 EFMPOC
-109.9725	32.1322	-1250 EFUPOC
-109.9733	38.5569	-3850 w; CM
-109.9742	38.6019	-4300 w; CM
-109.9772	36.1261	0000 +
-109.9781	37.2463	1994 w; Loleit, 1963
-109.9800	35.3000	1500 +
-109.9806	33.1200	-2300 TBE
-109.9878	32.8000	4000
-110.0000	32.5636	-4500 TBE
-110.0000	33.0000	-6750 TBE
-110.0000	33.3419	0000
-110.0000	33.5000	5200
-110.0000	34.0000	3000
-110.0000	34.3739	1500 +
-110.0000	34.5000	1850
-110.0000	34.7500	1750
-110.0000	35.0000	1300
-110.0000	35.2500	1800
-110.0000	35.5000	250
-110.0000	35.7500	500
-110.0000	35.7900	500 +
-110.0000	36.0000	0000
-110.0000	36.2500	-1000
-110.0000	36.5000	-1000
-110.0000	36.7500	-1500
-110.0000	36.8731	1000 *
-110.0000	37.0000	1000
-110.0000	37.0658	2000 *
-110.0000	37.2500	1250
-110.0000	37.5000	1400
-110.0000	37.7500	2200
-110.0000	38.0000	500
-110.0000	38.2500	-1650
-110.0000	38.4167	-1000
-110.0000	38.5000	-2000
-110.0000	38.7500	-7000
-110.0000	39.0000	-9500
-110.0000	39.1806	-10000
-110.0078	32.0711	3250 EFMPOC
-110.0081	38.9500	-9700 w; CM
-110.0094	32.0056	5000
-110.0211	33.1736	2750 EFMPOC
-110.0214	32.2522	5000
-110.0228	32.6908	6000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-110.0297	36.7497	-1499 w
-110.0306	32.7408	8889
-110.0306	34.8572	1250 +
-110.0350	38.8561	-7900 w; CM
-110.0372	34.3182	2175 w
-110.0375	32.6272	4750
-110.0400	32.2794	5000
-110.0406	38.8069	-6350 w; CP
-110.0431	32.8956	-5500 TBE
-110.0483	34.6355	1945 w
-110.0492	33.9158	2700 EFUPOC
-110.0500	33.0569	-6100 TBE
-110.0522	38.6222	-3600 w; CM
-110.0619	35.9214	0000 +
-110.0697	32.8250	4000
-110.0758	34.1303	2500 +
-110.0758	34.2739	2500 +
-110.0761	33.1097	-6000 TBE
-110.0783	34.4814	1800 Conley, 1977
-110.0794	36.7642	-1000 *
-110.0858	38.5728	-3050 w; CM
-110.0892	33.5192	1000 EST.
-110.0914	32.9772	-4300 TBE
-110.0914	33.2097	3000 EFLPOC
-110.0917	32.7500	6750
-110.0939	37.6214	1000 *
-110.0967	32.9319	3600
-110.1031	32.7069	5000
-110.1047	34.2278	2600 Conley, 1977
-110.1075	34.9567	1400 Conley, 1977
-110.1136	36.1625	-1000 +
-110.1142	36.3842	-1500 +
-110.1156	36.6156	-2000 +
-110.1158	33.2522	3250 EFMPOC
-110.1164	36.3017	-1000 *
-110.1217	34.4369	1500 +
-110.1222	32.8864	4000
-110.1225	32.2319	-4000 TBE
-110.1247	33.0978	-3750 TBE
-110.1272	32.8500	4500
-110.1286	32.8000	4500
-110.1286	39.3172	-3450 w
-110.1319	37.3675	1000 *
-110.1333	32.9158	5892
-110.1344	33.2000	-4750 TBE
-110.1363	38.6558	-4150 w; CM
-110.1372	35.1081	1600 Conley, 1977
-110.1422	34.7353	1600 Conley, 1977
-110.1444	36.9336	1500 +
-110.1453	38.8092	-6200 w; CM
-110.1477	34.2180	2647 w
-110.1488	38.8421	-6500 w; CM
-110.1558	34.8097	1300 Conley, 1977
-110.1636	35.2111	1500 +
-110.1642	36.8011	1000 *

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-110.1651	34.5811	2019 w
-110.1656	33.1342	-3500 TBE
-110.1667	39.0000	-7000
-110.1672	36.8761	1000 *
-110.1681	38.4218	-2409 w; CP
-110.1725	32.8656	6600
-110.1739	38.6069	-3700 w; CM
-110.1758	32.8136	5000
-110.1761	33.6842	1000 EFUPOC
-110.1794	36.4392	-2000 +
-110.1925	32.6978	-4000 TBE
-110.1925	33.0456	4500
-110.1967	33.3044	3750 EFMPOC
-110.1975	32.4000	-2750 TBE
-110.1989	36.0500	-1000 *
-110.1994	32.9083	5000
-110.1997	38.7106	-5000 w; CM
-110.2025	35.6614	0000 +
-110.2172	35.9189	-1000 +
-110.2186	33.1928	-6250 TBE
-110.2221	34.5633	2303 w
-110.2239	34.5653	2285 w; CP
-110.2241	34.5703	2253 w
-110.2249	38.9667	-7557 w; CM
-110.2250	32.7886	4500
-110.2278	35.4150	1000 +
-110.2311	34.8640	1585 w
-110.2317	34.9106	1551 w
-110.2374	34.8143	1518 w
-110.2383	38.8703	-6200 w; CM
-110.2403	32.8342	6000
-110.2458	34.5764	2444 w
-110.2464	35.0842	1000 +
-110.2464	38.6181	-3450 w; CM
-110.2475	36.6828	-1525 w
-110.2500	34.0000	3000
-110.2500	34.5000	1750
-110.2500	34.7500	1500
-110.2500	35.0000	1200
-110.2500	35.2500	1250
-110.2500	35.5000	600
-110.2500	35.7500	-500 *
-110.2500	36.0000	-1000
-110.2500	36.2500	-1750
-110.2500	36.5000	-2400
-110.2500	36.7500	-1000
-110.2500	37.0000	900
-110.2500	37.2500	1000
-110.2500	37.5000	-500
-110.2500	37.7500	-500
-110.2500	38.0000	-1250
-110.2500	38.2500	-2250
-110.2500	38.3750	-2500
-110.2500	38.5000	-2000
-110.2500	38.7500	-4500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-110.2500	38.8750	-5250
-110.2600	33.5478	5050
-110.2642	36.2783	-2000 *
-110.2669	33.2542	-2000 TBE
-110.2736	34.3483	2000 +
-110.2736	37.3756	0000 *
-110.2739	38.7956	-5000 w; CM
-110.2833	38.5907	-2700 w; CM
-110.2917	32.9683	7250
-110.2917	34.5693	2212 w
-110.2950	34.6975	2000 +
-110.2950	38.7514	-4700 w; CM
-110.2986	32.8478	4500
-110.3019	38.4186	-1950 w
-110.3119	32.9228	5000
-110.3125	33.0581	5000
-110.3140	34.6553	2459 w
-110.3145	35.9343	-1512 w
-110.3164	32.9658	5500
-110.3178	32.8828	4000
-110.3186	33.3072	-1125 TBE
-110.3233	33.0317	7000
-110.3272	36.7869	-500 +
-110.3292	35.7817	-500 +
-110.3322	36.9661	1000 *
-110.3336	33.1592	-2750 TBE
-110.3336	34.4494	1500 +
-110.3375	36.5111	-3000 *
-110.3389	34.3800	2000 Conley, 1977
-110.3417	37.1336	1000 *
-110.3497	32.8272	-3000 TBE
-110.3558	33.5942	5750
-110.3563	38.6161	-2077 w
-110.3567	36.5894	-3000 *
-110.3583	38.5181	-3050 w; CM
-110.3589	33.1000	4000
-110.3594	36.0917	-2000 +
-110.3700	34.8525	1800 Conley, 1977
-110.3811	36.9876	1487 w; CP
-110.3842	33.8072	4000
-110.3875	38.7069	-5100 w; CM
-110.4006	33.1983	-3500 TBE
-110.4022	32.9022	-2000 TBE
-110.4036	39.1794	-4650 w; CP
-110.4050	33.0658	5000
-110.4064	35.7142	0000 *
-110.4122	36.7211	0000 *
-110.4122	37.3550	-1000 *
-110.4158	33.6272	5750
-110.4167	33.5683	6000
-110.4169	37.4314	-1877 w; CP
-110.4186	36.8172	1000 *
-110.4203	33.5000	3500
-110.4211	33.4819	3500
-110.4222	33.0983	3500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-110.4247	38.7931	-3800 w; CM
-110.4275	35.3347	1000 +
-110.4294	38.5144	-2750 w; CM
-110.4322	35.0969	1800 Conley, 1977
-110.4335	38.5684	-2700 w; CM
-110.4347	36.4050	-3000 *
-110.4370	34.7986	1856 w
-110.4389	34.3294	1500 +
-110.4431	36.4972	-3000 *
-110.4450	38.5181	-2450 w; CM
-110.4494	34.5299	2570 w
-110.4540	38.6417	-1050 w; CM
-110.4578	32.7342	5000
-110.4603	33.1442	3000
-110.4635	38.7519	-2213 w; CP
-110.4639	34.9117	1500 +
-110.4728	33.7369	5000
-110.4775	33.0000	4500
-110.4789	33.6831	5500
-110.4851	35.0006	2359 w
-110.4856	34.1303	4000 +
-110.4875	37.7061	-2000 *
-110.4936	33.5986	5500
-110.4992	34.4328	1500 +
-110.5000	32.7000	3750
-110.5000	34.2500	3000
-110.5000	34.5000	1500
-110.5000	34.7500	1250
-110.5000	35.2500	500
-110.5000	35.5000	250
-110.5000	35.7500	-1500
-110.5000	36.0000	-2000
-110.5000	36.2500	-2750
-110.5000	36.5000	-3000
-110.5000	36.7500	500
-110.5000	37.0000	-500
-110.5000	37.2500	-900
-110.5000	37.5000	-2400 *
-110.5000	37.7500	-1750
-110.5000	38.0000	-2000
-110.5000	38.2500	-3250
-110.5000	38.5000	-3000
-110.5000	38.7500	-1000
-110.5003	37.1342	0000 *
-110.5017	36.1908	-2500 +
-110.5022	36.5367	-1000 +
-110.5044	33.8797	4000
-110.5047	34.5731	1500 +
-110.5058	36.4058	-3000 +
-110.5097	38.9418	1183 w
-110.5100	37.3742	-2000 *
-110.5136	36.9389	1000 *
-110.5161	33.0864	3500
-110.5175	39.2731	-1400 w
-110.5181	36.4244	-3000 *

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-110.5272	38.8294	3133 w; CP
-110.5286	33.1853	2750
-110.5294	33.2728	3500
-110.5311	36.6689	1000 *
-110.5336	35.1925	500 +
-110.5350	33.7742	5000
-110.5353	35.4706	500 +
-110.5361	34.7317	1500 Conley, 1977
-110.5417	38.4356	-4200 w; CP
-110.5422	32.7908	4000
-110.5422	32.8433	4500
-110.5425	36.7764	1000 *
-110.5489	35.8231	-1000 *
-110.5511	32.8706	4000
-110.5528	35.7311	-500 +
-110.5544	33.3606	3000
-110.5553	33.2183	3500
-110.5664	34.7456	1500 +
-110.5696	38.8790	1633 w
-110.5717	36.5306	0000 *
-110.5764	34.1083	5000 +
-110.5794	36.0250	-2000 *
-110.5811	32.8000	3250
-110.5842	33.6000	6250
-110.5844	32.8433	3000
-110.5869	33.2919	5000
-110.5889	33.1500	3000
-110.5908	33.2044	4000
-110.5942	33.1092	4500
-110.5944	33.8889	5000
-110.5964	33.4239	3500
-110.5964	36.6050	500 +
-110.6000	35.9025	-1500 +
-110.6031	34.6553	2000 Conley, 1977
-110.6108	33.1364	2500
-110.6136	33.5931	4500
-110.6217	35.6625	-342 w
-110.6217	37.1378	-1000 *
-110.6217	37.3158	-2000 *
-110.6242	33.4636	4000
-110.6250	37.5833	-4000 *
-110.6269	33.5658	4000
-110.6289	38.9336	2200 w
-110.6297	37.3925	-3000 *
-110.6369	33.7772	4777
-110.6378	33.6272	4500
-110.6381	37.4581	-4000 *
-110.6383	36.0767	-2000 +
-110.6406	37.6933	-4000 *
-110.6453	33.1214	2500
-110.6467	33.2489	5000
-110.6497	32.8908	3000
-110.6503	33.9433	5500
-110.6531	33.7017	4000
-110.6547	32.9386	4000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-110.6561	36.2131	-2200 EST.
-110.6564	34.4331	3200 Conley, 1977
-110.6578	34.9069	1400 Conley, 1977
-110.6672	33.3092	3500
-110.6739	34.0128	5000
-110.6775	33.4569	4250
-110.6833	35.4244	0000 +
-110.6836	38.7921	2120 w
-110.6869	35.0697	1000 +
-110.6883	33.8114	4000
-110.6886	33.3669	-3000 TBE
-110.6900	34.9303	1000 +
-110.6911	34.4853	1500 +
-110.6922	33.1844	5100
-110.6944	33.6842	4750
-110.7067	37.2494	-2000 *
-110.7103	34.1270	6000
-110.7183	33.6167	5000
-110.7200	33.9308	5000
-110.7272	35.1178	1000 Conley, 1977
-110.7368	35.8412	-788 w
-110.7450	36.9069	0000 *
-110.7500	34.0000	6250
-110.7500	34.5000	1900
-110.7500	34.7500	1500
-110.7500	35.0000	1000
-110.7500	35.2500	500
-110.7500	35.5000	-250
-110.7500	35.7500	-900
-110.7500	36.0000	-1500
-110.7500	36.2500	-1600 EST.
-110.7500	36.5000	-1200
-110.7500	36.7500	250
-110.7500	37.0000	-1150
-110.7500	37.2500	-1500
-110.7500	37.5000	-1750
-110.7500	37.7500	-3750
-110.7500	38.0000	-2900
-110.7500	38.1250	-3000
-110.7500	38.2500	-3750
-110.7500	38.3750	-5000
-110.7500	38.5000	-3500
-110.7500	38.6250	-250
-110.7500	38.7500	1500
-110.7514	34.1136	6000
-110.7597	37.1269	-2000 *
-110.7622	33.1864	5000
-110.7711	36.2647	-1500 +
-110.7730	35.9530	-1324 w
-110.7758	34.0183	5650
-110.7794	33.3908	-1250 TBE
-110.7797	34.2314	6500
-110.7808	33.8506	6436
-110.7831	34.2464	6500
-110.7856	32.9728	-3500 TBE

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-110.7942	33.6456	2500
-110.7953	33.0772	4500
-110.7969	34.6722	1500 +
-110.7972	33.4978	4000
-110.8000	33.8989	5750
-110.8006	34.1550	6000
-110.8017	34.0917	6250
-110.8096	35.9384	-1218 w
-110.8136	33.5386	4000
-110.8147	33.2819	7250
-110.8161	33.6022	5000
-110.8200	37.6933	-4000 *
-110.8203	38.6956	775 w; CP
-110.8269	37.2994	0000 *
-110.8292	33.7922	3000
-110.8321	36.5904	-335 w; CP
-110.8328	33.3122	4750 EFMPOC
-110.8389	34.0000	5000
-110.8394	33.1386	3000
-110.8397	33.9489	6287
-110.8403	33.3500	4500
-110.8406	34.6953	2600 Conley, 1977
-110.8450	35.6367	-500 +
-110.8474	37.6839	-4684 w; CP
-110.8572	36.3197	-1000 +
-110.8594	33.5683	4500
-110.8617	33.7386	3500
-110.8650	33.0942	3000
-110.8656	37.1353	-3000 *
-110.8689	34.0456	6000
-110.8775	33.3183	6600
-110.8800	33.0000	2500
-110.8808	33.1222	4100
-110.8808	33.8728	4000
-110.8831	36.7581	0000 *
-110.8839	33.6317	2500
-110.8839	37.5000	3000 *
-110.8853	33.4189	4000
-110.8864	34.1386	6000
-110.8869	35.9275	-1000 *
-110.8889	36.0547	-1000 +
-110.8897	33.0544	-3000 TBE
-110.8914	35.0428	1600 Conley, 1977
-110.8933	34.5211	3000 +
-110.8967	35.3350	500 +
-110.9050	33.8142	7694
-110.9081	33.5153	3500
-110.9158	38.6136	1000 w; CP
-110.9183	34.5669	1250 +
-110.9194	34.3792	4000 +
-110.9194	37.0181	-2000 *
-110.9203	37.2608	-1000 *
-110.9206	34.8697	1500 +
-110.9233	33.2658	3500
-110.9242	33.6908	3500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-110.9247	34.0772	5000
-110.9258	34.2172	6500
-110.9392	33.4544	5000
-110.9403	33.8811	7000
-110.9408	35.8572	-500 +
-110.9458	33.5806	3000
-110.9500	33.1944	5050
-110.9536	34.1328	5500
-110.9558	33.9478	6600
-110.9603	36.5114	-1000 *
-110.9614	33.1183	2000
-110.9617	34.2675	6500
-110.9636	33.0397	3500
-110.9672	34.0500	6000
-110.9681	33.3333	5000
-110.9758	34.8344	2400 Conley, 1977
-110.9792	36.6339	-1000 +
-110.9892	34.2286	6250
-110.9972	34.0000	5500
-110.9978	34.2944	6000
-111.0000	33.7728	4000
-111.0000	34.5000	4100
-111.0000	34.5778	4000 +
-111.0000	34.7500	2000
-111.0000	35.0000	2000
-111.0000	35.1597	1500 +
-111.0000	35.2500	850
-111.0000	35.5000	250
-111.0000	35.7500	-500
-111.0000	36.0000	-650
-111.0000	36.1008	-500 +
-111.0000	36.2500	0000
-111.0000	36.2814	0000 +
-111.0000	36.5000	-500
-111.0000	36.7500	-500
-111.0000	36.8888	-1000 *
-111.0000	37.0000	-900
-111.0000	37.1250	-3200
-111.0000	37.2500	-1850
-111.0000	37.3864	2000 *
-111.0000	37.5000	-1500
-111.0000	37.6250	-2500
-111.0000	37.7500	-3000
-111.0000	37.8750	-3000
-111.0000	38.0000	-2500
-111.0000	38.1250	-2250
-111.0000	38.2500	-3000
-111.0000	38.3750	-4000
-111.0000	38.5000	-2500
-111.0000	38.6250	250
-111.0000	38.8500	-500 Moulton, 1975
-111.0081	33.0819	2000
-111.0097	33.6319	2350
-111.0108	33.5333	4250
-111.0164	33.6592	0000 TBE

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-111.0211	34.0908	5500
-111.0236	33.1794	3000
-111.0325	33.8228	5000
-111.0367	34.2550	6408
-111.0433	33.7194	2188 w
-111.0489	33.1306	3000
-111.0578	35.7378	0000 +
-111.0647	34.9278	2500 +
-111.0647	36.1633	0000 *
-111.0653	33.6947	2500
-111.0683	35.4958	500 +
-111.0719	33.5517	3000
-111.0733	34.0000	5000
-111.0819	34.6094	3000 Conley, 1977
-111.0858	33.9131	6000
-111.0886	33.6114	3000
-111.0897	33.4786	5000
-111.0917	33.3544	4750
-111.0944	35.7956	0000 *
-111.0969	34.3106	5500
-111.1072	35.0739	2000 +
-111.1075	34.1542	6293
-111.1081	37.3256	-1000 *
-111.1122	34.2772	5750
-111.1206	36.3628	1000 *
-111.1250	37.9167	0000 EST.
-111.1250	38.3750	-3000
-111.1333	33.0886	2000
-111.1400	34.0864	5000
-111.1428	33.9522	6000
-111.1464	34.2000	5250
-111.1469	34.0500	5500
-111.1556	36.3169	1000 +
-111.1567	33.6114	4250
-111.1567	33.7714	3000
-111.1583	33.3456	3550
-111.1611	33.4272	5600
-111.1611	35.3044	1500 +
-111.1647	33.1544	2500
-111.1728	33.3250	2500
-111.1731	33.5456	4000
-111.1767	34.2319	5700
-111.1826	35.1350	2174 w
-111.1847	34.1350	5600
-111.1856	33.2283	3750
-111.1858	36.0756	-250 +
-111.1903	36.9525	-2000 *
-111.1939	33.6600	2500
-111.1939	36.5461	0000 +
-111.1944	33.4319	5500
-111.1964	36.6756	-1000 *
-111.2006	34.2861	6000
-111.2011	34.1511	3500
-111.2075	34.0811	5250
-111.2075	38.5478	-4100 w; CP

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-111.2103	33.7106	2500
-111.2103	38.5369	-2200 w; CP
-111.2131	34.0278	6254
-111.2183	35.9442	0000 +
-111.2189	33.5247	3500
-111.2292	33.3742	3000
-111.2386	33.8500	2500
-111.2389	33.5786	2000
-111.2392	33.9478	3500
-111.2450	33.8978	3000
-111.2494	36.9161	-2000 *
-111.2500	34.5000	4200
-111.2500	34.7500	2500
-111.2500	35.0000	2200
-111.2500	35.2500	1000
-111.2500	35.5000	1000
-111.2500	35.7500	1000
-111.2500	36.0000	-200
-111.2500	36.2500	800
-111.2500	36.5000	500
-111.2500	36.7500	-400
-111.2500	37.0000	-2500 *
-111.2500	37.1250	-3350 *
-111.2500	37.2500	-2500
-111.2500	37.3750	-3000
-111.2500	37.5000	-1500
-111.2500	37.6250	250
-111.2500	37.7500	500
-111.2500	37.8750	2500
-111.2500	38.0000	2500 EST.
-111.2500	38.1250	2000
-111.2500	38.2500	-1000
-111.2500	38.3750	-2250
-111.2500	38.5000	-2000
-111.2528	33.1428	2000
-111.2583	34.2064	5750
-111.2628	34.1200	3000
-111.2661	34.2400	5100
-111.2672	33.3056	2250
-111.2736	33.7886	2500
-111.2739	34.2811	5000
-111.2758	34.0492	3000
-111.2789	33.2606	3500
-111.2792	33.5408	2500
-111.2808	34.8389	2800 Conley, 1977
-111.2839	33.6592	6500
-111.2861	34.3447	5000
-111.2906	37.2042	-4000 *
-111.2909	35.0099	2647 w
-111.2914	38.2242	2784 w
-111.2933	34.3528	5500
-111.2975	38.2058	1225 w; CP
-111.2981	35.6306	1000 +
-111.3000	35.0830	2618 w
-111.3008	33.9000	1000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-111.3011	34.6739	3805 w; CP
-111.3108	33.4000	2500
-111.3217	33.6842	7645
-111.3217	34.0000	3000
-111.3217	35.6553	1000 *
-111.3267	36.3992	1000 *
-111.3272	36.0544	0000 *
-111.3322	33.8461	3000
-111.3344	34.2494	5000
-111.3519	34.1564	5000
-111.3528	33.7636	5750
-111.3686	34.3525	5000
-111.3750	37.5625	0000 *
-111.3750	38.1250	3300 EST.
-111.3767	36.2606	500 +
-111.3772	33.6153	3000
-111.3778	33.9364	3000
-111.3853	34.1450	3500
-111.3872	34.2858	4500
-111.3878	37.3536	-5325 w; CP
-111.3928	36.0967	500 +
-111.3972	33.3606	2000
-111.4006	34.0294	4000
-111.4017	35.8961	500 +
-111.4050	33.9069	7050
-111.4064	33.8044	6225
-111.4136	33.7072	5100
-111.4178	35.3417	2000 +
-111.4306	37.0000	-3000 *
-111.4309	35.7126	1484 w
-111.4347	34.2486	4000
-111.4361	33.5728	2000
-111.4417	33.8819	4000
-111.4458	34.1228	4000
-111.4481	34.0000	6250
-111.4484	38.3913	948 w; CP
-111.4542	33.6636	2500
-111.4586	37.3325	-6000 *
-111.4611	34.0611	7888
-111.4658	34.3642	5500
-111.4742	34.1908	4000
-111.4769	34.1136	7600
-111.4797	34.1514	7749
-111.4811	33.7614	2500
-111.4872	34.9536	3500 +
-111.4900	34.2969	4500
-111.4906	33.6081	1650 TBE
-111.4933	33.8481	4500
-111.5000	34.7500	3000
-111.5000	35.0000	2500
-111.5000	35.2500	2250
-111.5000	35.5000	2000
-111.5000	35.7500	1750
-111.5000	36.0000	500 *
-111.5000	36.2500	1500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-111.5000	36.5000	1000
-111.5000	36.7500	-1750
-111.5000	37.0000	-3250 *
-111.5000	37.1250	-2500
-111.5000	37.2500	-5500 *
-111.5000	37.3750	-5500 *
-111.5000	37.5000	-2750 *
-111.5000	37.6250	-3250
-111.5000	37.7500	-2200
-111.5000	37.8750	-1500
-111.5000	38.0000	-200
-111.5000	38.2500	500
-111.5000	38.4167	2000
-111.5044	33.9317	5000
-111.5069	36.2361	2000 +
-111.5095	36.3063	2356 w
-111.5128	35.1597	3000 +
-111.5167	34.2281	3500
-111.5178	35.7478	1500 +
-111.5181	34.1192	5000
-111.5192	34.1544	6250
-111.5219	35.5411	2000 +
-111.5225	36.3492	2000 *
-111.5247	34.0600	5000
-111.5253	36.0356	1000 *
-111.5328	34.0000	5000
-111.5369	33.6778	2000
-111.5369	38.5781	-4000 w; CP
-111.5439	36.7597	-2000 *
-111.5531	33.6000	2000
-111.5581	36.7392	0000 *
-111.5583	33.7908	4691
-111.5647	35.2683	2500
-111.5658	37.3842	-6000 *
-111.5700	33.8581	2500
-111.5764	34.0850	5000
-111.5781	34.0636	3500
-111.5800	37.5000	-4000 *
-111.5803	36.4939	1000 *
-111.5914	33.6456	2515
-111.5972	34.0092	3000
-111.5992	37.2500	-6000 *
-111.6092	36.8969	-2000 *
-111.6119	37.0786	-4000 *
-111.6131	34.1361	5446
-111.6147	33.9694	3000
-111.6172	33.7478	2000
-111.6211	34.2403	5000
-111.6250	38.0000	-400 EST.
-111.6250	38.1250	2600 EST.
-111.6372	33.8092	2000
-111.6575	33.9386	2000
-111.6636	34.1022	3000
-111.6639	33.8500	2500
-111.6642	33.8750	3000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-111.6667	37.7500	-3500
-111.6706	37.2294	-5000 *
-111.6739	34.2680	3500
-111.6747	33.6908	-3500 TBE
-111.6767	37.3136	-6000 *
-111.6781	37.7092	-2000 *
-111.6847	36.9806	-3000 *
-111.6872	37.4300	-6000 *
-111.6914	34.2044	2500
-111.7003	36.3000	2500 EST.
-111.7133	36.0908	2000 *
-111.7178	33.8056	-1500 TBE
-111.7206	34.0817	2250
-111.7211	33.8681	3000
-111.7353	34.3708	3000
-111.7381	33.9636	2500
-111.7389	35.1450	3500 +
-111.7393	37.0578	-3419 w; CP
-111.7419	34.1419	3250
-111.7444	33.9317	4600
-111.7474	37.6866	-4485 w; CP
-111.7500	34.7500	3200
-111.7500	35.0000	2600
-111.7500	35.2500	2500
-111.7500	35.5000	2250
-111.7500	35.7500	2500
-111.7500	36.0000	3000
-111.7500	36.2500	3000
-111.7500	36.7500	750
-111.7500	37.0000	-3100 *
-111.7500	37.1250	-2350
-111.7500	37.2500	-3000
-111.7500	37.3750	-3500
-111.7500	37.5000	-4000
-111.7500	37.6250	-3750
-111.7500	37.6667	-4000
-111.7500	38.0000	-750
-111.7500	38.1250	-500
-111.7542	34.0272	2500
-111.7678	34.1908	3000
-111.7706	34.0158	4250
-111.7708	34.2947	5500
-111.7713	35.0250	3902 w
-111.7803	36.4989	2000 *
-111.7867	34.3856	3000
-111.7894	34.3339	4500
-111.7903	33.7772	2750
-111.8111	36.1514	3000
-111.8164	34.1000	4000
-111.8214	37.5914	-5000 *
-111.8251	34.9031	3208 w
-111.8265	34.9002	3170 w
-111.8272	36.9358	-2000 *
-111.8279	34.8986	3243 w
-111.8293	34.8150	2727 w

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-111.8311	34.9161	3308 w
-111.8333	37.7500	-4000
-111.8361	34.0172	5250
-111.8401	34.8538	3416 w
-111.8430	34.2653	5500
-111.8433	37.3931	-4000 *
-111.8497	33.9192	4000
-111.8506	37.2728	-4000 *
-111.8519	34.4100	4500
-111.8531	35.6056	2000 *
-111.8589	34.1606	4100
-111.8603	34.4453	4000
-111.8628	34.2494	5850
-111.8640	34.8740	3130 w; CP
-111.8642	33.8533	3000
-111.8676	34.8916	3388 w
-111.8725	36.8561	-1000
-111.8750	37.1250	-3400 *
-111.8750	37.8750	-4250
-111.8750	38.0000	-1000
-111.8772	34.4786	4500
-111.8811	36.7397	0000 *
-111.8817	37.4103	-2550 w; DP
-111.8903	36.2278	5000
-111.8906	36.6400	1000 *
-111.8958	36.1000	3500
-111.8972	37.6056	-4500 *
-111.9006	37.0758	-3000 *
-111.9014	34.5419	3500
-111.9025	33.9756	4000
-111.9111	36.0417	3500
-111.9125	34.1022	4500
-111.9161	34.3000	5000
-111.9269	34.1636	5000
-111.9289	37.7075	-5000 *
-111.9319	37.2294	-1000 *
-111.9415	34.9157	3287 w
-111.9458	37.3233	-2000 *
-111.9492	33.9319	2500
-111.9536	34.8885	3315 w
-111.9638	34.8815	2731 w
-111.9672	34.2400	4000
-111.9761	37.0978	-1000 *
-111.9917	34.0817	5750
-112.0000	34.5772	4500
-112.0000	35.0000	3000
-112.0000	35.2500	2600
-112.0000	35.5000	2500
-112.0000	35.7500	2900
-112.0000	36.0695	3000
-112.0000	36.1586	5000 *
-112.0000	36.2500	5050
-112.0000	36.4500	2000 *
-112.0000	36.5000	1850 *
-112.0000	36.7500	-150

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-112.0000	37.0000	-1200 *
-112.0000	37.2500	500
-112.0000	37.3750	-2500 *
-112.0000	37.4378	-3000 *
-112.0000	37.5000	-3500 *
-112.0000	37.5672	-4000 *
-112.0000	37.6250	-5000 *
-112.0000	37.7500	-3000
-112.0014	37.1162	370 w; CP
-112.0039	37.1172	-250 w
-112.0117	34.0169	5100
-112.0275	34.1272	3500
-112.0289	33.9136	2500
-112.0317	34.5287	4500
-112.0328	34.3433	4000
-112.0339	36.6131	2000 *
-112.0456	37.1750	0000 *
-112.0492	33.9536	3200
-112.0500	36.1653	4000
-112.0533	34.6553	4000
-112.0533	36.3864	5000 *
-112.0547	34.5650	6000
-112.0653	36.9614	2000 *
-112.0656	34.6167	5500
-112.0792	36.7658	2000 *
-112.0806	34.2767	4000
-112.0839	34.7211	4500
-112.0867	34.6372	6500
-112.0914	34.0908	2500
-112.0919	37.6414	-5000 *
-112.0956	33.9864	2500
-112.1092	34.0431	2500
-112.1117	34.1850	3000
-112.1147	34.5228	4500
-112.1206	34.4353	4000
-112.1208	36.0931	2500
-112.1247	36.9833	3000 *
-112.1297	34.7461	6000
-112.1325	37.5669	-4000 *
-112.1458	34.6008	6000
-112.1489	34.6531	7000
-112.1492	34.2772	3500
-112.1508	35.9253	3000 *
-112.1589	34.3878	4000
-112.1628	37.0000	1000 *
-112.1667	37.2500	0000
-112.1672	37.7931	-11000 EST.
-112.1694	34.0822	2500
-112.1761	34.6847	6500
-112.1767	34.2250	3600
-112.1794	37.4081	-3000 *
-112.1808	36.6142	5000 *
-112.1903	34.5581	5000
-112.1911	37.2858	-2000 *
-112.1922	37.5411	-5000 *

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-112.1964	36.7425	3408 w; CP
-112.2014	34.0397	2500
-112.2194	37.3922	-4000 *
-112.2317	36.8639	2000 *
-112.2325	34.6917	5500
-112.2328	37.1514	-1000 *
-112.2356	34.3569	4500
-112.2367	37.2825	-3000 *
-112.2417	34.4783	4500
-112.2500	35.2500	2900
-112.2500	35.5000	2750
-112.2500	35.7500	2600
-112.2500	36.0000	2850
-112.2500	36.2500	4000 *
-112.2500	36.5000	4500
-112.2500	36.7500	2700
-112.2500	37.0000	2000
-112.2500	37.5000	-4900
-112.2556	36.3922	5000 *
-112.2556	37.0500	0000 *
-112.2597	34.0092	2500
-112.2600	36.6936	4000 *
-112.2633	34.6706	5500
-112.2639	34.1900	6878
-112.2658	35.5261	2500 *
-112.2664	37.1814	-2000 *
-112.2681	34.7756	5500
-112.2836	37.0922	-1000 *
-112.2842	34.1036	5600
-112.2931	36.1722	3500
-112.2958	36.2583	4000
-112.2989	37.8044	-11500 EST.
-112.2992	37.0000	0000 *
-112.3169	34.3978	6000
-112.3178	34.4317	6000
-112.3259	34.8889	4250
-112.3317	34.5003	6750
-112.3333	37.2500	-500
-112.3342	34.0592	3000
-112.3356	37.4772	-5000 *
-112.3406	34.5714	5000
-112.3631	35.7636	1800 w; EST.
-112.3658	34.2322	7600
-112.3839	36.0000	2000 *
-112.3983	34.3336	6750
-112.3986	36.8300	1000 *
-112.3997	37.3250	-4000 *
-112.4000	34.4128	7700
-112.4011	34.4558	7693
-112.4022	34.1294	6100
-112.4050	34.0431	3000
-112.4064	34.2328	7100
-112.4119	34.6136	5000
-112.4208	36.2111	2500
-112.4222	34.2556	5000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-112.4272	35.7958	2000 *
-112.4294	35.2431	2906 w; EST.
-112.4417	37.2047	-3000 *
-112.4431	34.0744	3500
-112.4446	34.9186	3735 w
-112.4467	34.1819	4500
-112.4500	35.2500	4000
-112.4583	36.3833	2500
-112.4592	34.1183	4750
-112.4631	37.0000	-1000 *
-112.4672	34.5400	5360
-112.4711	34.4250	7250
-112.4739	37.0983	-2000 *
-112.4769	34.3464	4500
-112.4775	36.6328	2000 *
-112.4900	37.4331	-5000 *
-112.4910	34.9291	2420 w
-112.4972	34.1136	4500
-112.4981	34.2908	4000
-112.5000	35.2500	3400
-112.5000	35.5000	3000
-112.5000	35.7500	2500
-112.5000	36.0000	2500
-112.5000	36.2500	2600
-112.5000	36.5000	2500
-112.5000	36.7500	1500
-112.5000	37.2500	-3600 *
-112.5000	37.5000	-6500 EST.
-112.5025	34.2272	4000
-112.5069	34.3978	5000
-112.5139	37.5456	-6500 EST.
-112.5144	36.8481	0000 *
-112.5247	34.1908	3500
-112.5336	34.7800	5000
-112.5358	34.4839	7061
-112.5394	36.4489	2000 *
-112.5486	34.6886	5000
-112.5550	34.4000	4500
-112.5667	34.6350	7626
-112.5675	34.1181	3000
-112.5689	34.3364	4000
-112.5742	37.6250	-10000 EST.
-112.5758	34.1581	5250
-112.5792	34.8256	5000
-112.5806	37.3675	-6000 *
-112.5825	34.5331	6750
-112.5850	34.2892	4000
-112.5864	34.7444	5000
-112.5897	34.4364	5000
-112.5939	34.3592	4600
-112.5945	37.2648	-4014 w; CP
-112.6047	37.2789	-4000 *
-112.6078	34.8514	4550
-112.6258	35.0772	5000
-112.6289	34.2408	5000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-112.6300	34.4272	-500 TBE
-112.6317	36.5783	1000 *
-112.6347	34.5603	5000
-112.6439	34.3114	4500
-112.6489	35.7006	2000 *
-112.6514	37.1394	-3000 *
-112.6539	34.7136	4750
-112.6569	34.1506	5250
-112.6642	34.3586	4250
-112.6647	35.1208	5000
-112.6703	34.6433	5250
-112.6711	34.2044	5500
-112.6731	37.2278	-5000 *
-112.7044	37.0244	-2000 *
-112.7075	34.6208	5000
-112.7083	37.3992	-6000 *
-112.7089	34.5228	4500
-112.7157	37.0969	-3990 w
-112.7181	36.8753	-1000 *
-112.7208	37.0817	-4000 *
-112.7294	34.4658	5100
-112.7319	36.0092	1500 *
-112.7383	34.5883	5684
-112.7397	34.3975	4000
-112.7419	34.3114	4500
-112.7486	36.9297	-3000 *
-112.7497	34.7075	5500
-112.7500	35.5000	2900
-112.7500	35.7500	2600
-112.7500	36.1767	1250 *
-112.7500	36.2500	1200 *
-112.7500	36.5000	1750
-112.7500	36.7500	-500 *
-112.7500	37.0000	-3400 *
-112.7533	34.7800	5000
-112.7536	34.5542	6050
-112.7575	36.3606	1000 *
-112.7597	34.9864	5000
-112.7792	34.8414	4900
-112.7858	34.6569	5000
-112.7878	34.3628	6050
-112.7897	34.5856	5000
-112.7925	34.2369	6100
-112.7961	34.8981	5500
-112.8014	36.6408	0000 *
-112.8067	34.3250	6583
-112.8072	36.7964	-2000 *
-112.8139	35.2100	5250
-112.8142	34.4014	4500
-112.8306	36.6961	-1000 *
-112.8347	34.9731	5500
-112.8419	37.1225	-4000 *
-112.8517	34.7328	5500
-112.8594	34.4456	4100
-112.8675	34.3181	4000

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-112.8678	37.4783	-6000 *
-112.8681	34.9058	5500
-112.8698	36.6458	-85 w; CP
-112.8767	34.3728	4000
-112.8781	34.2658	3500
-112.8781	34.5106	4000
-112.8822	36.4400	500 *
-112.8856	35.2200	5000
-112.8903	34.5636	5000
-112.9092	34.4519	4600
-112.9111	37.3192	-5000 *
-112.9117	34.9411	6000
-112.9122	34.8022	6000
-112.9314	34.4772	4250
-112.9331	34.6864	5000
-112.9347	36.9828	-3000 *
-112.9453	34.7619	6424
-112.9453	34.8458	7000
-112.9464	34.2956	3500
-112.9581	36.2925	1000 *
-112.9589	36.8186	-2000 *
-112.9781	34.6011	3350
-112.9786	34.3919	4250
-112.9797	34.9569	6000
-112.9808	34.8122	6000
-112.9928	34.3308	4250
-113.0000	34.2772	3500
-113.0000	34.6908	5000
-113.0000	34.8933	6500
-113.0000	35.0000	5100
-113.0000	35.2500	4350
-113.0000	35.5000	3600
-113.0000	35.5511	3000 *
-113.0000	35.7500	2250 *
-113.0000	35.7958	2000 *
-113.0000	36.0000	1650 *
-113.0000	36.2500	1200 *
-113.0000	36.5000	1000
-113.0000	36.5522	-200 *
-113.0000	36.6308	-500 *
-113.0000	36.7500	-1500 *
-113.0000	37.0000	-2850 *
-113.0000	37.1950	-4000 *
-113.0000	37.5814	-6000 *
-113.0064	34.5225	3578
-113.0083	34.4569	3000
-113.0208	34.7136	5500
-113.0275	34.6695	6251
-113.0394	36.4819	0000 *
-113.0447	36.0908	1500 *
-113.0472	34.6022	5187
-113.0561	36.3583	1000 *
-113.0744	34.3169	3000
-113.0767	34.6681	5150
-113.1011	36.7272	-1000 *

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-113.1033	34.6258	5550
-113.1058	35.9047	2000 *
-113.1103	34.4272	2500
-113.1125	35.2819	3685 w; EST.
-113.1126	35.5133	3565 w; CP
-113.1161	36.9069	-2000
-113.1164	34.5683	4250
-113.1175	36.0408	1000 *
-113.1208	34.5250	3000
-113.1256	34.4864	4150
-113.1297	35.5956	2575 w; EST.
-113.1358	37.6706	-9000 w; DP
-113.1403	36.3039	500
-113.1408	36.5494	0000
-113.1519	34.4172	3250
-113.1667	35.7892	2500 *
-113.1697	34.3828	2000
-113.1725	34.4931	3000
-113.1794	37.5111	-5000 *
-113.1842	34.6236	4678
-113.1875	34.4456	3750
-113.1986	36.1519	1000 *
-113.2056	35.8028	2000 *
-113.2097	34.5544	4378
-113.2144	36.6794	-500 *
-113.2167	35.8686	2000 *
-113.2258	34.4969	3000
-113.2258	35.9433	2000 *
-113.2294	36.1814	0000 *
-113.2300	34.4192	2500
-113.2306	37.3306	-4000 *
-113.2381	36.6144	0000 *
-113.2469	36.3197	-1000 *
-113.2500	35.2500	4750
-113.2500	35.7500	3250
-113.2500	36.2500	-500 *
-113.2500	36.5000	750
-113.2500	36.7500	-750 *
-113.2555	37.1122	-2761 w; CP
-113.2619	37.1456	-3000 *
-113.2622	36.6522	-2000 *
-113.2628	36.0522	1000 *
-113.2647	37.0000	-2000 *
-113.2753	34.4522	3000
-113.2767	35.1747	5750
-113.2794	37.3020	-3500 w; CP
-113.2886	36.8267	-1000 *
-113.2903	35.7306	2500
-113.2942	35.6939	3000 *
-113.3010	36.4877	389 w
-113.3011	34.6167	2500
-113.3036	34.5544	3000
-113.3074	36.8626	-969 w; CP
-113.3078	37.1383	-8000 *
-113.3097	35.8097	2500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-113.3128	35.2358	5500
-113.3136	36.2131	0000 *
-113.3144	37.0636	-7000 *
-113.3183	36.0272	1000 *
-113.3197	36.3808	-1000 *
-113.3208	35.9250	1500
-113.3242	36.8028	-3000 *
-113.3247	37.0194	-6000 *
-113.3258	37.3469	-7000 w; DP
-113.3267	37.3806	-6000 EFMZOC
-113.3297	36.1092	500 *
-113.3331	34.7000	4500
-113.3347	35.8306	1500
-113.3378	36.5464	-1400 *
-113.3483	36.8731	-4000 *
-113.3578	36.8989	-5000 *
-113.3636	34.4908	3000
-113.3639	37.0783	-7000 *
-113.3764	36.1928	-150 *
-113.3778	35.7097	1500
-113.3792	34.6408	4000
-113.3800	35.2908	5500
-113.3806	36.9778	-5000 *
-113.3808	37.0175	-6000 *
-113.3839	35.7778	2000 *
-113.3853	35.1836	5000
-113.3858	34.7908	4500
-113.3967	36.9478	-4000 *
-113.4017	34.5408	2500
-113.4028	36.5894	-2000 *
-113.4042	36.3047	-500
-113.4075	37.2086	-8000 *
-113.4092	35.7031	3000 *
-113.4100	36.5006	-1000 *
-113.4108	36.7711	-2000 *
-113.4147	34.6678	4500
-113.4175	34.7189	5000
-113.4183	35.9772	1000 *
-113.4272	36.1497	0000 *
-113.4292	36.3808	-1000 *
-113.4294	37.0772	-6000 *
-113.4353	37.1361	-7000 *
-113.4358	35.2539	5000
-113.4364	34.8772	5000
-113.4406	36.8944	-3000 *
-113.4489	34.5950	3000
-113.4503	36.8658	-2000 *
-113.4625	36.6719	-2000 *
-113.4653	36.9558	-3500 EST.
-113.4658	37.0000	-5000 *
-113.4681	36.4647	-1000 *
-113.4722	36.2358	0000 *
-113.4725	34.9408	5000
-113.4731	37.2222	-8000 *
-113.4789	37.1083	-6000 *

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-113.4797	35.6078	3500
-113.4856	36.9878	-5000 *
-113.4872	36.5942	-1250 *
-113.4894	36.7778	-2000 *
-113.4925	36.8594	-3000 *
-113.4928	35.0556	5000
-113.4944	35.1383	5000
-113.4950	37.1372	-7000 *
-113.4972	35.2044	5000
-113.4978	37.0611	-6000 *
-113.5000	35.7500	2500
-113.5000	36.0000	1250
-113.5000	36.2500	-250 *
-113.5000	36.5000	-1000 *
-113.5036	36.1814	200 *
-113.5039	34.6364	2500
-113.5039	35.2758	6000
-113.5042	36.9244	-3500
-113.5083	36.7336	-1500 *
-113.5106	36.9558	-4600 *
-113.5139	35.3561	5000
-113.5169	36.7936	-2000 *
-113.5178	37.1058	-7000 *
-113.5247	36.2047	0000 *
-113.5256	36.0544	750 *
-113.5283	36.7347	-2000 *
-113.5344	35.2342	5000
-113.5369	34.7683	3000
-113.5442	37.1994	-8000 *
-113.5536	34.8728	3500
-113.5542	36.8436	-3000 *
-113.5597	35.1794	4500
-113.5661	35.9706	1000 *
-113.5661	36.2858	0000 *
-113.5689	36.5692	-1000 *
-113.5739	35.3175	6200
-113.5747	35.0181	5000
-113.5772	37.0408	-4900 w; EST. (Mississippian penetration)
-113.5825	34.6306	2000
-113.5861	35.3508	5000
-113.5889	37.0861	-7000 *
-113.5914	37.0403	-6000 *
-113.5933	35.2819	4500
-113.6033	35.4128	4500
-113.6117	35.8500	1400
-113.6167	35.5347	5000
-113.6192	34.9389	2500
-113.6211	35.3728	4500
-113.6264	37.1689	-8000 *
-113.6375	34.6825	2500
-113.6375	36.0817	700
-113.6383	36.8050	-2000 *
-113.6431	35.7708	2000
-113.6447	34.8500	-3000 TBE
-113.6461	35.8622	1500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-113.6486	36.9183	-3000 *
-113.6492	35.4197	4000
-113.6533	37.0000	-4000 *
-113.6622	37.0453	-5000 *
-113.6639	34.6136	4600
-113.6667	37.3333	-9000 EFMZOC
-113.6683	36.6136	-1000 *
-113.6733	35.4381	4500
-113.6756	35.3500	4000
-113.6811	35.2036	4100
-113.6867	37.2042	-8000 *
-113.6903	36.5714	-1000 *
-113.6906	35.1183	-2000 TBE
-113.6908	35.5064	5500
-113.6933	36.9864	-3600 Steed, 1980
-113.7000	36.1906	500 *
-113.7106	36.4478	0000 *
-113.7111	34.6531	5078
-113.7142	35.4272	5000
-113.7172	35.3772	4000
-113.7197	34.7347	3000
-113.7214	35.8006	2000 *
-113.7250	35.0386	1000 TBE
-113.7264	35.5403	5500
-113.7372	34.8578	3500
-113.7403	36.7614	-1500 *
-113.7458	35.9667	1400
-113.7500	36.2500	2000
-113.7522	37.2494	-8000 *
-113.7583	37.3306	-9000 EST.
-113.7606	36.5897	-1000 *
-113.7633	35.4919	3500
-113.7642	37.0300	-3000 *
-113.7667	36.9167	-2000 *
-113.7667	37.1944	-7000 *
-113.7695	35.2972	6266
-113.7708	37.1736	-6000 *
-113.7714	37.0744	-4000 *
-113.7717	37.1506	-5000 *
-113.7722	36.6742	-3000 EFTOC
-113.7725	36.4761	0000 *
-113.7772	34.9469	3500
-113.7861	35.3658	5000
-113.7864	36.7328	-2500 EFTOC
-113.7872	37.1425	-8000 EFTOC
-113.7872	37.1644	-7500 EFTOC
-113.7881	36.9642	-500 EFUPOC
-113.7881	37.0575	0000 EFUPOC
-113.7944	36.9014	-2250 EFUPOC
-113.7950	36.8614	-1750 EFUPOC
-113.7983	37.1069	-1850 EFUPOC
-113.7986	35.5792	5500
-113.7994	36.6194	-8000 TBE
-113.8014	35.0672	4500
-113.8044	36.5128	-9500 TBE

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-113.8047	37.1894	-5500 EFTOC
-113.8061	34.7142	5000
-113.8069	37.2697	-8000 EFMZOC
-113.8075	36.5656	-8500 TBE
-113.8083	36.8172	5250
-113.8100	35.7908	3600 EFLPOC
-113.8125	37.0158	1000 EFUPOC
-113.8125	37.1319	-6600 IGC, 1989
-113.8144	35.5456	3500
-113.8167	36.8500	5000
-113.8194	36.4508	-9500 TBE
-113.8206	35.4181	3500
-113.8214	36.9092	0000 EFUPOC
-113.8236	36.9408	1500 EFCOC
-113.8297	36.2794	500 *
-113.8306	35.2797	4000
-113.8306	36.7772	5000 EFMPOC
-113.8372	35.0181	5000
-113.8406	36.8589	6000
-113.8408	36.9925	-1000 EFUPOC
-113.8447	36.3956	-10250 TBE
-113.8447	36.8183	7750
-113.8458	35.6639	5000
-113.8467	36.5967	-12500 TBE
-113.8528	34.7678	7068
-113.8531	37.0869	4400
-113.8544	36.6539	-18000 JG; EST.
-113.8544	36.9264	-1675 EFMPOC
-113.8583	36.7847	8350
-113.8631	36.6364	-7000 EFMZOC
-113.8653	36.7681	6000
-113.8658	35.4536	3250
-113.8658	36.5453	-20000 JG; EST.
-113.8669	36.9658	0000 EFMPOC
-113.8675	35.1136	7250
-113.8678	36.1792	750 *
-113.8681	35.7278	5000
-113.8714	36.0408	1000 *
-113.8717	36.4636	-13500 TBE
-113.8719	36.5000	-13000 TBE
-113.8786	37.0589	4500
-113.8792	36.8625	3000
-113.8794	35.8525	3000 *
-113.8819	36.5408	-10500 TBE
-113.8875	37.0517	1500 C&C, 1989
-113.8900	36.5808	-10500 TBE
-113.8908	36.8208	3500
-113.8908	37.0997	5800
-113.8919	36.7750	6500
-113.8925	35.9275	2000 *
-113.8928	36.6136	-12000 TBE
-113.8942	36.2522	-7000 TBE
-113.8956	37.1325	6000
-113.8972	36.7228	-2000 EFUPOC
-113.9008	34.9069	6600

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-113.9011	37.1250	6900
-113.9022	36.9661	-23000 JG; EST.
-113.9053	35.5000	-6000 TBE
-113.9067	36.8908	-2000 TBE
-113.9111	35.2044	4000
-113.9111	35.7847	4000 *
-113.9117	37.2750	-5300 EFTOC
-113.9147	36.9353	-5000 TBE
-113.9167	36.1278	850 *
-113.9217	36.0819	1500
-113.9231	35.7000	3500
-113.9244	36.8592	-10000 TBE
-113.9247	35.6328	3000
-113.9250	35.2819	-2000 TBE
-113.9250	36.7416	4500
-113.9264	37.0000	-3200 C&C, 1989
-113.9267	36.7978	3000
-113.9275	36.7742	3950
-113.9292	36.9636	-5150 C&C, 1989
-113.9322	35.3878	4000
-113.9322	37.0806	3600
-113.9350	37.1739	4450
-113.9392	35.1228	5000
-113.9408	36.8281	-2000 TBE
-113.9442	37.0225	-5000 JG; EST.
-113.9447	34.9683	7250
-113.9483	36.1042	1000 *
-113.9486	36.2342	-5000 EFUPOC
-113.9492	36.6872	-2250 EFUPOC
-113.9547	37.1456	2000 TBE
-113.9550	36.6189	-8000 EFMZOC
-113.9606	36.5319	-8500 TBE
-113.9608	36.1408	-3750 TBE
-113.9611	36.7320	3000
-113.9703	37.2297	-8000 TBE
-113.9717	36.8978	-27500 C&C, 1989
-113.9731	35.7228	3500
-113.9744	37.3503	-1500 EFUPOC
-113.9747	35.9794	3450 EFLPOC
-113.9747	37.1858	-8000 TBE
-113.9778	35.7611	5000
-113.9778	36.8869	-25000 JG; EST.
-113.9778	37.1525	-10000 TBE
-113.9789	36.0500	2000 *
-113.9817	35.0228	5000
-113.9831	37.0294	-10000 TBE
-113.9842	36.7000	3500
-113.9861	35.8136	5500
-113.9917	37.1125	-10000 TBE
-113.9944	35.3750	3500
-114.0000	35.8500	5000
-114.0000	35.9083	4900
-114.0000	36.2897	-6500 TBE
-114.0000	36.3114	-6500 TBE
-114.0000	36.7531	-8000 TBE

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-114.0000	36.8158	-10000 TBE
-114.0000	36.9500	-26500 TBE
-114.0000	37.0000	-25000 TBE
-114.0000	37.0575	-10000 TBE
-114.0000	37.1592	-25000 TBE
-114.0042	35.7956	5600
-114.0044	36.4136	-750 EFUPOC
-114.0056	36.6628	5000
-114.0083	35.9317	1750 TBE
-114.0097	35.4228	3500
-114.0106	35.9500	4000 *
-114.0114	36.5000	-10000 TBE
-114.0139	36.7828	-20000 JG; EST.
-114.0183	36.6881	4000
-114.0194	37.2428	-3000 EFUPOC
-114.0195	35.4853	3000
-114.0206	36.0436	-2500 TBE
-114.0222	35.6067	-1500 TBE
-114.0222	35.8372	6000
-114.0225	36.6283	-2000 EFUPOC
-114.0256	36.7342	-12000 TBE
-114.0275	37.0917	-22000 TBE
-114.0278	37.0567	-27000 C&C, 1989
-114.0297	35.0636	4150
-114.0336	35.1956	6250
-114.0381	36.1856	-5750 EFUPOC
-114.0392	35.9908	-1000 TBE
-114.0408	35.7664	3500
-114.0419	36.1297	-1500 EFMPOC
-114.0419	36.7261	-18000 JG; EST.
-114.0419	37.0000	-20000 JG; EST.
-114.0433	36.6558	5600
-114.0472	35.8522	4550
-114.0500	35.1114	3500
-114.0500	36.6056	5000
-114.0500	36.6778	4500
-114.0508	36.5683	5000
-114.0508	36.8908	-26000 C&C, 1989
-114.0564	36.7056	-8000 TBE
-114.0569	36.5283	4500
-114.0619	35.2458	4000
-114.0619	36.5150	5575
-114.0650	36.8022	-23000 TBE
-114.0667	35.3342	4000
-114.0669	37.0000	-15000 JG; EST.
-114.0675	36.4228	-6500 TBE
-114.0675	36.4914	3800
-114.0681	36.2114	250 EFLPOC
-114.0708	35.8228	4500
-114.0708	37.0636	0000 IGC, 1989; TBE
-114.0719	36.3408	-11000 TBE
-114.0722	36.6681	4000
-114.0742	37.1736	-2500 EFUPOC
-114.0789	36.4214	1500
-114.0822	36.6195	7500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION	
-114.0867	36.0158	2500	
-114.0889	36.3158	3250	
-114.0889	36.5386	5000	
-114.0908	37.0908	250	EFMPOC
-114.0928	36.2636	4000	
-114.0930	36.6431	6600	
-114.0953	35.9614	3500	
-114.0964	36.1658	1500	
-114.0967	37.0125	-21000	C&C, 1989
-114.0975	36.5044	3500	
-114.1019	36.7908	-20000	TBE
-114.1025	36.0419	1500	
-114.1053	35.1500	3000	
-114.1083	35.2683	5250	
-114.1092	35.9000	4000	
-114.1125	36.7125	-8000	TBE
-114.1147	35.5500	3000	
-114.1156	35.3303	5750	
-114.1158	35.4456	6250	
-114.1164	36.1319	1250	
-114.1169	35.6536	3000	
-114.1172	35.7211	3000	
-114.1178	36.2022	2500	
-114.1206	36.6783	-2000	EFUPOC
-114.1228	35.7736	-750	TBE
-114.1261	37.2272	750	EFLPOC
-114.1289	35.8753	4500	
-114.1303	35.8408	3000	
-114.1306	36.4108	-4500	EFUPOC
-114.1306	37.0533	900	EFMPOC
-114.1314	36.8642	-22000	JG; EST.
-114.1344	36.0228	1250	
-114.1344	36.6922	-6750	TBE
-114.1389	35.3992	6978	
-114.1417	36.3533	-4000	EFUPOC
-114.1447	35.9044	3000	
-114.1472	36.6092	5000	
-114.1489	36.0408	1500	
-114.1508	36.2908	4000	
-114.1531	36.1031	1500	
-114.1556	36.2672	5758	
-114.1583	37.0444	-9850	C&C, 1989
-114.1625	35.9544	2000	
-114.1647	37.1517	-6000	EFLPOC
-114.1714	36.0728	3414	
-114.1728	35.5958	5250	
-114.1736	36.0092	2354	
-114.1736	36.6469	3500	
-114.1789	36.3728	3500	
-114.1792	35.4864	6600	
-114.1792	36.2106	5763	
-114.1828	36.1606	4250	
-114.1861	35.7636	3500	
-114.1906	36.5819	-5000	TBE
-114.1994	36.3386	4500	

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-114.2006	36.6908	-8000 TBE
-114.2006	36.7658	-20000 TBE
-114.2067	35.8889	2750
-114.2069	35.9636	3000
-114.2072	36.5478	-6500 TBE
-114.2131	36.2994	3750
-114.2139	36.2500	4000
-114.2197	36.6044	3600
-114.2258	36.0197	1500
-114.2261	35.8350	4150
-114.2283	37.0431	-7400 IGC, 1989; EST.; detachment block
-114.2300	36.1919	3500
-114.2314	36.6561	2000 TBE
-114.2317	36.1022	2000
-114.2347	36.4786	-3500 EFUPOC
-114.2350	36.3819	-4000 EFUPOC
-114.2367	35.6194	3800
-114.2383	36.6228	2500
-114.2436	36.7828	-10000 TBE
-114.2439	36.3614	-250 EFMPOC
-114.2447	36.4308	-3500 TBE
-114.2489	36.5136	-6000 TBE
-114.2497	36.1500	5000
-114.2542	36.9092	2250
-114.2556	36.5822	3100
-114.2569	35.7847	4750
-114.2597	37.0783	250 EFLPOC
-114.2631	35.9408	2500
-114.2647	36.6106	2000
-114.2647	37.0294	-250 EFLPOC
-114.2653	36.2728	3000
-114.2656	35.8636	3500
-114.2717	35.9683	2000
-114.2719	36.3186	2550
-114.2731	36.7919	-8000 JG; EST.
-114.2753	36.3728	250 EFLPOC
-114.2756	37.1342	-14000 C&C, 1989; TBE
-114.2770	36.2320	2500
-114.2786	36.5442	2000
-114.2789	36.6386	0000 C&C, 1989
-114.2800	36.7228	-10000 JG; EST.
-114.2811	36.6044	-4000 TBE
-114.2825	36.2900	2750
-114.2842	36.5608	3100
-114.2858	36.4794	-6500 TBE
-114.2889	36.9272	3600
-114.2906	35.7500	4500
-114.2925	36.8244	0000 EFMPOC
-114.2978	36.9728	3000
-114.2981	36.1269	1550
-114.2983	36.5769	1750
-114.3083	36.5908	1000 TBE
-114.3092	36.3456	-1000 EFUPOC
-114.3156	37.0250	0000 IGC, 1989
-114.3183	36.0769	500 TBE

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-114.3186	35.8158	4000
-114.3186	36.1667	2000
-114.3250	36.5250	1500
-114.3267	36.6547	-23500 C&C, 1989
-114.3392	35.8864	3000
-114.3428	35.9772	1500 TBE
-114.3506	36.5606	0000 TBE
-114.3536	36.7600	-18500 C&C, 1989
-114.3725	36.8303	-17000 JG; EST.
-114.3733	37.0281	1900 EFMPOC
-114.3739	36.8969	900 EFMPOC
-114.3858	36.6396	-17218 w
-114.3858	37.0908	250 EFLPOC
-114.3881	37.0114	-3300 IGC, 1989; EST.
-114.3917	36.6658	-17000 C&C, 1989
-114.4017	35.8114	3000
-114.4136	36.3014	3350 EFLPOC
-114.4358	36.1444	-500 TBE
-114.4364	37.0000	-6500 IGC, 1989; EST.
-114.4386	36.3864	-750 EFCOC
-114.4425	35.9364	0000 TBE
-114.4469	36.9272	6500
-114.4483	36.0908	-250 TBE
-114.4486	36.8294	-4500 EFUPOC
-114.4678	36.0228	0000 TBE
-114.4753	36.8794	750 EFLPOC
-114.4842	36.2306	-10000 TBE
-114.4864	37.0044	1750 EFLPOC
-114.4883	36.7636	0000 EFCOC
-114.4931	36.5106	-11750 TBE
-114.4944	36.3456	-1000 EFLPOC
-114.4953	36.2522	-4500 EFUPOC
-114.4956	36.4103	-3600 EFTOC
-114.5056	35.9092	1000 TBE
-114.5203	36.6819	-1000 EFCOC
-114.5208	36.0228	250
-114.5208	36.6819	-500 EFLPOC
-114.5242	36.9861	0000 IGC, 1989; EST.
-114.5247	36.9092	900 EFMPOC
-114.5322	36.1181	1500
-114.5347	36.7978	-10000 TBE
-114.5422	36.3217	-1750 EFMPOC
-114.5456	36.3956	0000 EFLPOC
-114.5550	36.9694	3500
-114.5575	36.9772	2500
-114.5578	36.5819	-5000 EFUPOC
-114.5586	36.1214	3563
-114.5653	36.4444	-7750 EFTOC
-114.5708	36.0703	2500
-114.5772	36.2086	-5500 EFUPOC
-114.5797	36.8681	-10000 TBE
-114.5831	36.2478	-11500 EFMZOC
-114.5933	36.7069	-15000 TBE
-114.6122	36.4706	500 EFLPOC
-114.6133	36.0272	4500

WEST LONGITUDE	NORTH LATITUDE	PRECAMBRIAN ELEVATION (FT.) WITH ANNOTATION
-114.6206	36.9728	-3000 TBE; IGC, 1989
-114.6225	36.3706	500 EFLPOC
-114.6342	36.1347	1400
-114.6394	36.0758	3500
-114.6425	36.5356	-2000 EFUPOC
-114.6508	36.4750	-5000 EFUPOC
-114.6533	36.2728	-1250 EFMPOC
-114.6575	36.4189	250 EFLPOC
-114.6875	36.8819	-16000 C&C, 1989; TBE
-114.7039	36.2431	-1750 EFMPOC
-114.7136	36.2000	-5250 EFUPOC
-114.7183	36.6500	-4000 EFUPOC
-114.7236	36.4000	-11500 TBE
-114.7253	36.4039	-11300 TBE
-114.7300	36.5125	-6500 TBE
-114.7531	36.3386	800 EFCOC