**UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

**Near-Field Strong-Motion Data
From Nuclear Explosive Sources**

by
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**Open-File Report 84-834
1984**

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CONTENTS

	Page
Introduction.....	1
Acknowledgments.....	5
Sources of Data.....	5
References.....	6

ILLUSTRATIONS

Figure 1. Map of Southern Nevada.....	2
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TABLES

Table	1. Data Summary.....	3
	2. Data for Event No. 0054.....	8
	3. Data for Event No. 0158.....	13
	4. Data for Event No. 0345.....	14
	5. Data for Event No. 0561.....	17
	6. Data for Event No. 0571.....	20
	7. Data for Event No. 0661.....	22
	8. Data for Event No. 0904.....	23
	9. Data for Event No. 1103.....	25
	10. Data for Event No. 1208.....	26
	11. Data for Event No. 1252.....	27
	12. Data for Event No. 1336.....	28
	13. Data for Event No. 1391.....	30
	14. Data for Event No. 1468.....	33
	15. Data for Event No. 1536.....	34
	16. Data for Event No. 1537.....	35
	17. Data for Event No. 1549.....	37
	18. Data for Event No. 1728.....	38
	19. Data for Event No. 1771.....	40
	20. Data for Event No. 1782.....	42
	21. Data for Event No. 1838.....	43
	22. Data for Event No. 1900.....	44
	23. Data for Event No. 1927.....	45
	24. Data for Event No. 1936.....	49
	25. Data for Event No. 2163.....	56
	26. Data for Event No. 2203.....	58
	27. Data for Event No. 2237.....	60
	28. Data for Event No. 2238.....	61
	29. Data for Event No. 2262.....	63
	30. Data for Event No. 2279.....	64
	31. Data for Event No. 2280.....	66
	32. Data for Event No. 2316.....	67
	33. Data for Event No. 2345.....	70
	34. Data for Event No. 2323.....	74
	35. Data for Event No. 2464.....	75
	36. Data for Event No. 2688.....	76

TABLES--Continued

	Page
37. Data for Event No. 2701.....	77
38. Data for Event No. 2735.....	79
39. Data for Event No. 2823.....	81
40. Data for Event No. 2825.....	85
41. Data for Event No. 2855.....	87
42. Data for Event No. 2890.....	88
43. Data for Event No. 2989.....	89
44. Data for Event No. 3098.....	90
45. Data for Event No. 3111.....	91
46. Data for Event No. 3159.....	92
47. Data for Event No. 3212.....	93
48. Data for Event No. 3605.....	94
49. Data for Event No. 3671.....	96
50. Data for Event No. 3919.....	97
51. Data for Event No. 3962.....	98
52. Data for Event No. 4070.....	99
53. Data for Event No. 4081.....	100
54. Data for Event No. 4114.....	101
55. Data for Event No. 4156.....	102
56. Data for Event No. 4193.....	103
57. Data for Event No. 4458.....	105
58. Data for Event No. 4578.....	106
59. Data for Event No. 4598.....	107
60. Data for Event No. 4619.....	109
61. Data for Event No. 4749.....	110
62. Data for Event No. 4771.....	111
63. Data for Event No. 4926.....	112
64. Data for Event No. 5024.....	113
65. Data for Event No. 5185.....	114
66. Data for Event No. 5189.....	116
67. Data for Event No. 5311.....	118
68. Data for Event No. 5335.....	119
69. Data for Event No. 5351.....	120
70. Data for Event No. 5390.....	123
71. Data for Event No. 5405.....	124
72. Data for Event No. 5410.....	125
73. Data for Event No. 5414.....	126
74. Data for Event No. 5464.....	127
75. Data for Event No. 5476.....	129
76. Data for Event No. 5597.....	132
77. Data for Event No. 5710.....	133
78. Data for Event No. 5963.....	138
79. Data for Event No. 6133.....	139
80. Data for Event No. 6135.....	140
81. Data for Event No. 6147.....	142
82. Data for Event No. 6239.....	144
83. Data for Event No. 6356.....	146
84. Data for Event No. 6475.....	148
85. Data for Event No. 6476.....	151
86. Data for Event No. 6536.....	155

TABLES--Continued

	Page
87. Data for Event No. 6586.....	156
88. Data for Event No. 6590.....	157
89. Data for Event No. 6797.....	159
90. Data for Event No. 6904.....	161
91. Data for Event No. 7294.....	162
92. Data for Event No. 7358.....	163
93. Data for Event No. 7493.....	164
94. Data for Event No. 7649.....	165
95. Data for Event No. 7901.....	166
96. Data for Event No. 7933.....	168
97. Data for Event No. 7943.....	169
98. Data for Event No. 7990.....	170
99. Data for Event No. 8293.....	171
100. Data for Event No. 8303.....	174
101. Data for Event No. 8372.....	175
102. Data for Event No. 8437.....	176
103. Data for Event No. 8483.....	179
104. Data for Event No. 8559.....	184
105. Data for Event No. 8594.....	186
106. Data for Event No. 8620.....	188
107. Data for Event No. 8753.....	189
108. Data for Event No. 8891.....	190
109. Data for Event No. 8918.....	193
110. Data for Event No. 8929.....	194
111. Data for Event No. 9073.....	196
112. Data for Event No. 9129.....	199
113. Data for Event No. 9276.....	200
114. Data for Event No. 9310.....	201
115. Data for Event No. 9341.....	202
116. Data for Event No. 9359.....	203
117. Data for Event No. 9430.....	204
118. Data for Event No. 9525.....	205
119. Data for Event No. 9541.....	208
120. Data for Event No. 9627.....	210
121. Data for Event No. 9712.....	212
122. Data for Event No. 9719.....	214
123. Data for Event No. 9818.....	217
124. Data for Event No. 9900.....	219

NEAR-FIELD STRONG-MOTION DATA FROM NUCLEAR EXPLOSIVE SOURCES

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INTRODUCTION

The Atomic Energy Commission (AEC) and, subsequently, the Department of Energy, has conducted nuclear testing at the Nevada Test Site in Southern Nevada (fig. 1) since 1951. The data presented in this report was recorded on various seismograph systems in a period of time from 1962 through about 1976. The geologic mediums in which the explosions have taken place have primarily been in alluvium, rhyolite, and tuff.

Table 1 summarizes the number of events and data points versus ground motion parameter (acceleration, velocity, and/or displacement), component of motion (vertical, radial, transverse, and/or north-south, and/or east-west), and geologic medium of the recording sites for each of the three primary detonation mediums.

Tables 2 through 124 show the reduced ground motion for each event. The tables appear in ascending order by their explosion identification numbers, which have been randomly assigned to each nuclear shot. Also given at the top of each table is the geologic medium at the shot point and the mb magnitude, if known. The body-wave magnitude (mb) of the detonations range from 3.8 to 6.4 and were determined from short-period (less than or equal to 1 sec.) instruments. Within each event the data has been grouped in order of increasing epicentral distance in meters from the nuclear detonation to the recording site. The distances vary from less than one kilometer to almost 600 kilometers. The data consists of observations of three orthogonal components of velocity, displacement, and/or acceleration ground motion in cm/sec, cm, and cm/sec/sec, respectively. The geologic medium on which the data was recorded is also tabulated. Note that a station medium labeled as "undetermined" means either thin alluvium under the recording station or a station located on hard rock of unknown characteristics. Anomalously large and small ground-motion amplitudes have been retained in the database for completeness. Leaders in the tables denote data which is not available.

FIGURE 1.--Nevada Test Site (NTS) and vicinity. Stippled area in center of map is the NTS, where all but one detonation contained in the data base took place.

TABLE 1.--Data summary of the total number of events and data points for different combinations of ground motion parameters and geologic mediums

[(1) and (2)--indicate total number of events and data points, respectively, for each combination.]

ALLUVIUM EVENTS							
Comp.	Station	Vel.		Displ.		Accel.	
	Medium	(cm/sec)		(cm)		(cm/sec/sec)	
		(1)	(2)	(1)	(2)	(1)	(2)
Z	Alluv	29	(215)	53	(250)	46	(315)
Z	Tuff	5	(15)	3	(13)	5	(15)
Z	Everything	33	(243)	55	(273)	51	(369)
R	Alluv	27	(311)	47	(338)	46	(321)
R	Tuff	5	(15)	5	(15)	5	(15)
R	Everything	30	(354)	50	(415)	49	(375)
T	Alluv	27	(302)	47	(334)	46	(321)
T	Tuff	5	(15)	6	(16)	5	(15)
T	Everything	30	(341)	50	(406)	49	(375)
N-S	Alluv	4	(9)	10	(28)	4	(6)
N-S	Tuff	1	(1)	4	(4)	3	(3)
N-S	Everything	5	(10)	10	(35)	6	(13)
E-W	Alluv	4	(7)	11	(27)	4	(7)
E-W	Tuff	1	(1)	4	(4)	3	(3)
E-W	Everything	5	(8)	11	(35)	5	(14)

RHYOLITE EVENTS

Z	Alluv	13 (122)	5 (73)	5 (89)
Z	Tuff	3 (21)	5 (21)	5 (29)
Z	Everything	13 (174)	5 (118)	5 (153)
R	Alluv	13 (85)	5 (49)	5 (53)
R	Tuff	3 (21)	5 (15)	5 (21)
R	Everything	13 (136)	5 (85)	5 (93)
T	Alluv	13 (80)	5 (47)	5 (52)
T	Tuff	3 (21)	5 (14)	5 (21)
T	Everything	13 (129)	5 (81)	5 (92)
N-S	Alluv	12 (52)	5 (67)	5 (57)
N-S	Tuff	0 (0)	2 (5)	4 (9)
N-S	Everything	12 (53)	5 (82)	5 (80)
E-W	Alluv	12 (52)	5 (67)	5 (58)
E-W	Tuff	0 (0)	3 (7)	4 (9)
E-W	Everything	12 (53)	5 (87)	5 (81)

TUFF EVENTS

Z	Alluv	46 (424)	44 (450)	37 (524)
Z	Tuff	23 (57)	23 (67)	28 (112)
Z	Everything	46 (605)	45 (639)	41 (823)
R	Alluv	43 (360)	37 (348)	37 (387)
R	Tuff	19 (61)	20 (64)	21 (79)
R	Everything	43 (536)	38 (542)	38 (602)
T	Alluv	43 (352)	37 (353)	37 (379)
T	Tuff	20 (59)	20 (63)	21 (80)
T	Everything	43 (530)	38 (546)	38 (599)

N-S Alluv	37 (120)	35 (236)	25 (186)
N-S Tuff	4 (4)	10 (20)	14 (32)
N-S Everything	38 (128)	36 (301)	27 (266)
E-W Alluv	36 (112)	35 (232)	25 (182)
E-W Tuff	4 (4)	14 (25)	14 (31)
E-W Everything	37 (120)	36 (307)	27 (263)

ACKNOWLEDGMENTS

Greenbriar and Associates, Environmental Research Corporation, Roland F. Beers, Inc., and the Department of Energy are gratefully acknowledged for making the ground motion database available as well as for providing other information which made it possible for magnitudes to be associated with the correct events.

SOURCES OF DATA

The database was compiled from ground motions recorded by the U.S. Coast and Geodetic Survey, which later became part of the National Oceanic and Atmospheric Administration and subsequently became part of the U.S. Geological Survey. Roland F. Beers, Inc., which later became the Environmental Research Corporation, archived the data after scaling it to particle ground motion. The database contained acceleration, displacement and velocity data, identification numbers for the explosions, geologic mediums of the detonation point and the recording site, distance from the shot to the station, types of seismic instrumentation, and components of ground motion.

In this report, supplemental ground-motion data from Sandia Laboratories (Perret, 1976 and 1978) were incorporated into the database. Body-wave (mb) magnitudes, also used to augment the database, were used since Richter (ML) magnitudes were not consistently available and because mb magnitudes could be obtained from a variety of sources such as the Preliminary Determination of Epicenter (PDE) reports, the U.S. Geological Survey monthly earthquake summary, the International Seismological Centre (ISC) Bulletin and Springer and Kinnaman (1971, 1975). The largest number of magnitudes of the explosions in this database were published by the ISC. Preference, therefore, was given to their reported values in order to assure the greatest degree of consistency in magnitude computation. Other parameters in the database were checked for accuracy by referring to other sources of information (see references) and changes made as necessary.

The database listed in tables 2 through 124 has been used in several detailed studies dealing with the subject of ground motion in the near field and with the subject of magnitude scaling laws for control events. The results of these studies are the subjects of several forthcoming reports.

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General Table Captions

Tables 2 through 124 are listed in order by event number. At the top upper left of each table the event number, the detonation geologic medium and its mb magnitude, (if known) is given. Subsequent pages of the same table are shown at the top center of the page, while the text pages are consecutively numbered at the bottom of the page.

In the main part of the tables, the hypocentral distance is given in meters. The ground motion components, Z, R, T, N-S and E-W, identify vertical, radial, transverse, North-South or East-West motions, respectively. A station medium shown as "undetermined" means that the recording site was on either thin alluvium or hard rock of unknown characteristics.

Event No. 0054	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
6190	Z	-	-	2410.	Tuff
6190	R	-	-	1793.	Tuff
6190	T	-	-	1146.	Tuff
7390	Z	-	-	402.	Tuff
7390	R	-	-	246.	Tuff
7390	T	-	-	381.	Tuff
8290	Z	-	-	437.	Tuff
8290	R	-	-	333.	Tuff
8290	T	-	-	405.	Tuff
9430	Z	-	-	441.	Tuff
9430	R	-	-	330.	Tuff
10200	Z	-	8.60	454.	Tuff
10200	R	-	5.62	319.	Tuff
10200	T	-	9.59	231.	Tuff
11500	Z	-	10.6	285.	Tuff
11500	R	-	3.86	180.	Tuff
11500	T	-	7.22	146.	Tuff
11900	Z	-	-	324.	Tuff
11900	R	-	-	513.	Tuff
11900	T	-	-	425.	Tuff
16800	Z	-	3.16	372.	Tuff
16800	R	-	3.27	465.	Tuff
16800	T	-	3.30	342.	Tuff
20180	Z	-	0.997	109.	Tuff
20180	N-S	-	3.67	91.5	Tuff
20180	E-W	-	3.71	129.	Tuff
25610	Z	-	1.56	45.3	Undetermined
25610	R	-	3.71	24.1	Undetermined
25610	T	-	0.881	17.9	Undetermined
27850	Z	2.23	0.133	41.2	Carbonate
27850	N-S	-	-	14.1	Carbonate
27850	R	2.62	-	-	Carbonate
27850	E-W	-	0.831	39.6	Carbonate
27850	T	1.67	-	-	Carbonate
32230	Z	3.15	-	-	Undetermined
32230	R	3.47	-	-	Undetermined
32230	T	2.10	-	-	Undetermined
34230	Z	-	0.553	28.2	Tuff
34230	N-S	-	1.07	25.4	Tuff
34230	E-W	-	0.700	25.7	Tuff
36020	Z	-	1.28	9.99	Undetermined
36020	N-S	-	0.729	74.5	Undetermined

Event No. 0054	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
36020	E-W	-	0.571	77.5	Undetermined
37200	Z	-	-	24.4	Alluvium
37200	R	-	1.44	19.1	Alluvium
37200	T	-	1.05	26.6	Alluvium
37360	Z	-	0.646	10.7	Carbonate
37360	N-S	-	0.319	8.86	Carbonate
37360	E-W	-	0.698	8.65	Carbonate
41200	Z	-	0.346	14.1	Alluvium
41200	N-S	-	0.422	21.5	Alluvium
41200	E-W	-	1.08	30.0	Alluvium
43150	Z	-	0.105	5.50	Undetermined
43150	R	-	0.238	6.53	Undetermined
43150	T	-	0.310	8.63	Undetermined
43880	Z	1.57	-	-	Tuff
43880	R	1.49	-	-	Tuff
43880	T	0.913	-	-	Tuff
44780	Z	1.68	0.0656	22.8	Alluvium
44780	N-S	-	0.593	31.8	Alluvium
44780	R	4.03	-	-	Alluvium
44780	E-W	-	0.282	24.0	Alluvium
44780	T	2.18	-	-	Alluvium
45930	Z	-	1.90	79.6	Alluvium
45930	N-S	-	0.722	38.5	Alluvium
45930	E-W	-	2.10	62.2	Alluvium
45940	Z	3.31	-	-	Alluvium
45940	R	3.59	-	-	Alluvium
45940	T	5.04	-	-	Alluvium
46630	Z	-	1.72	183.	Alluvium
46630	N-S	-	1.53	174.	Alluvium
46630	E-W	-	0.821	46.0	Alluvium
46670	R	5.97	-	-	Alluvium
46670	T	5.02	-	-	Alluvium
46670	R	7.18	-	-	Alluvium
46670	T	6.49	-	-	Alluvium
46670	Z	-	2.72	185.	Alluvium
46670	N-S	-	0.814	183.	Alluvium
46670	E-W	-	1.54	68.2	Alluvium
47860	Z	-	1.29	56.8	Alluvium
47860	N-S	-	0.607	38.8	Alluvium
47860	R	2.21	-	-	Alluvium
47860	E-W	-	1.49	29.2	Alluvium
49430	Z	3.79	1.29	52.8	Alluvium

Event No. 0054	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
49430	N-S	-	0.706	39.4	Alluvium
49430	R	2.22	-	-	Alluvium
49430	E-W	-	2.11	34.2	Alluvium
49430	T	2.96	-	-	Alluvium
49430	Z	-	0.303	31.6	Alluvium
49430	N-S	-	1.54	19.9	Alluvium
49430	E-W	-	0.697	27.1	Alluvium
49800	Z	2.88	0.466	28.6	Alluvium
49800	N-S	-	0.663	18.3	Alluvium
49800	R	1.92	-	-	Alluvium
49800	E-W	-	0.931	22.1	Alluvium
49800	T	2.74	-	-	Alluvium
49880	Z	1.02	-	-	Carbonate
49880	R	1.09	-	-	Carbonate
49880	T	1.08	-	-	Carbonate
53080	Z	3.98	-	-	Alluvium
53080	R	4.02	-	-	Alluvium
53080	T	2.28	-	-	Alluvium
65820	Z	1.23	-	-	Alluvium
65820	R	2.05	-	-	Alluvium
65820	T	2.83	-	-	Alluvium
76590	Z	0.586	0.0370	5.51	Alluvium
76590	N-S	-	0.309	5.17	Alluvium
76590	R	0.581	-	-	Alluvium
76590	E-W	-	0.469	6.37	Alluvium
76590	T	0.524	-	-	Alluvium
80860	Z	0.932	-	-	Alluvium
80860	R	1.37	-	-	Alluvium
80860	T	1.34	-	-	Alluvium
85000	Z	0.688	-	-	Undetermined
85000	R	0.695	-	-	Undetermined
85000	T	0.579	-	-	Undetermined
104820	Z	0.372	-	-	Undetermined
104820	R	0.450	-	-	Undetermined
104820	T	0.353	-	-	Undetermined
111160	Z	0.948	-	21.4	Alluvium
111160	N-S	-	0.123	14.8	Alluvium
111160	R	0.928	-	-	Alluvium
111160	E-W	-	0.177	21.4	Alluvium
111160	T	0.573	-	-	Alluvium
114100	Z	0.901	-	-	Alluvium

Event No. 0054	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
114100	R	0.801	-	-	Alluvium
114100	T	0.587	-	-	Alluvium
114100	Z	-	0.109	12.0	Andesite
114100	R	-	0.0924	6.51	Andesite
114100	T	-	0.212	4.48	Andesite
114100	Z	0.605	-	-	Andesite
114100	R	0.445	-	-	Andesite
114100	T	0.367	-	-	Andesite
116830	Z	0.810	-	-	Alluvium
116830	N-S	-	0.303	7.58	Alluvium
116830	R	0.931	-	-	Alluvium
116830	E-W	-	0.333	5.52	Alluvium
116830	T	1.01	-	-	Alluvium
116830	Z	0.658	-	-	Tuff
116830	R	0.972	-	-	Tuff
116830	T	1.43	-	-	Tuff
145920	Z	0.580	-	-	Tuff
145920	R	0.523	-	-	Tuff
145920	T	0.479	-	-	Tuff
151880	Z	0.363	-	-	Tuff
151880	R	0.434	-	-	Tuff
151880	T	0.395	-	-	Tuff
156100	Z	0.636	-	-	Carbonate
156100	R	0.666	-	-	Carbonate
156100	T	0.703	-	-	Carbonate
167290	Z	0.660	-	-	Alluvium
167290	R	1.39	-	-	Alluvium
167290	T	2.23	-	-	Alluvium
168060	Z	0.755	-	5.17	Alluvium
168060	R	1.36	0.519	5.90	Alluvium
168060	T	1.97	-	5.89	Alluvium
168060	Z	-	0.109	5.98	Alluvium
168060	N-S	-	0.545	4.43	Alluvium
168060	E-W	-	0.312	4.27	Alluvium
169470	T	0.780	-	-	Alluvium
169470	Z	-	-	4.33	Alluvium
169470	N-S	-	-	5.17	Alluvium
169470	E-W	-	-	6.96	Alluvium
169470	Z	-	0.389	6.40	Alluvium
169470	N-S	-	0.459	5.66	Alluvium
169470	R	0.694	-	-	Alluvium
169470	E-W	-	0.197	5.08	Alluvium

Event No. 0054	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
169470	T	0.785	-	-	Alluvium
172670	Z	0.733	-	3.34	Alluvium
172670	N-S	0.974	0.295	3.32	Alluvium
172670	E-W	0.916	0.375	5.57	Alluvium
172670	Z	0.432	-	-	Alluvium
172670	N-S	0.882	-	-	Alluvium
172670	E-W	0.756	-	-	Alluvium
175320	Z	0.254	-	-	Undetermined
175320	T	0.271	-	-	Undetermined
303000	Z	0.287	-	-	Alluvium
303000	R	0.212	-	-	Alluvium
303000	T	0.148	-	-	Alluvium
320000	Z	0.122	-	-	Tuff
320000	R	0.0884	-	-	Tuff
320000	T	0.0936	-	-	Tuff
387300	Z	0.00811	-	-	Alluvium
387300	R	0.0927	-	-	Alluvium
387300	T	0.104	-	-	Alluvium
462000	Z	0.105	-	-	Alluvium
462000	R	0.252	-	-	Alluvium
462000	T	0.178	-	-	Alluvium

Event No. 0158	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1598	Z	-	0.268	40.3	Alluvium
1598	R	-	0.334	58.8	Alluvium
1598	T	-	0.296	59.2	Alluvium
4352	Z	-	0.201	11.1	Alluvium
4352	R	-	0.113	14.7	Alluvium
4352	T	-	0.114	13.4	Alluvium
4791	Z	-	0.0645	5.44	Alluvium
4791	R	-	0.0285	8.90	Alluvium
4791	T	-	0.0286	8.01	Alluvium
5209	R	-	0.0139	2.18	Alluvium
5209	T	-	0.0123	2.19	Alluvium
5209	Z	-	-	2.66	Alluvium
8605	Z	-	-	2.92	Alluvium
8605	R	-	0.0376	4.00	Alluvium
8605	T	-	0.0236	4.17	Alluvium
9214	Z	-	0.0595	4.03	Alluvium
9214	R	-	0.0365	5.59	Alluvium
9214	T	-	0.0701	7.59	Alluvium
14426	Z	-	0.0720	1.76	Alluvium
14426	R	-	0.0455	3.03	Alluvium
14426	T	-	0.0371	3.82	Alluvium
14807	Z	-	-	1.12	Alluvium
14807	R	-	0.0169	1.39	Alluvium
14807	T	-	0.0198	1.57	Alluvium
15895	R	-	0.0101	-	Alluvium
15895	T	-	0.0117	-	Alluvium
19684	R	-	0.00298	-	Quartzite
19684	T	-	0.00323	-	Quartzite
20763	R	-	0.00244	-	Granite
20763	T	-	0.00315	-	Granite

Event No. 0345	Medium Tuff	Magnitude (mb) 5.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1630	R	-	-	1558.	Alluvium
1630	T	-	-	1117.	Alluvium
1990	Z	-	-	1195.	Alluvium
1990	R	-	-	1421.	Alluvium
2440	Z	-	-	894.	Alluvium
2440	R	-	-	899.	Alluvium
2440	T	-	-	467.	Alluvium
3650	Z	-	0.972	149.	Carbonate
3650	R	-	2.99	102.	Carbonate
3650	T	-	1.49	81.9	Carbonate
4700	Z	-	0.833	303.	Alluvium
4700	N-S	-	0.523	178.	Alluvium
4700	E-W	-	0.524	229.	Alluvium
5650	Z	-	1.51	147.	Alluvium
5650	R	-	8.25	173.	Alluvium
5650	T	-	3.59	149.	Alluvium
6330	R	-	-	70.3	Alluvium
6330	T	-	-	92.8	Alluvium
6740	Z	-	-	134.	Alluvium
6740	R	-	4.04	161.	Alluvium
6740	T	-	1.38	100.	Alluvium
8030	Z	-	2.18	87.7	Alluvium
8030	N-S	-	4.80	112.	Alluvium
8030	E-W	-	3.18	103.	Alluvium
8130	Z	-	3.04	172.	Alluvium
8130	N-S	-	2.02	152.	Alluvium
8130	E-W	-	2.10	211.	Alluvium
10800	Z	-	0.608	45.2	Alluvium
10800	N-S	-	2.71	44.1	Alluvium
10800	E-W	-	1.33	64.6	Alluvium
12700	Z	-	-	55.3	Undetermined
12700	N-S	-	-	60.3	Undetermined
12700	E-W	-	-	43.7	Undetermined
13400	Z	-	0.474	18.7	Carbonate
13400	N-S	-	0.617	16.9	Carbonate
13400	E-W	-	0.552	15.1	Carbonate
13700	Z	-	1.19	24.5	Alluvium
13700	R	-	2.64	42.2	Alluvium
13700	T	-	2.40	29.7	Alluvium
14100	Z	-	-	133.	Undetermined
14100	R	-	1.34	-	Undetermined
14100	T	-	-	83.1	Undetermined

Event No. 0345	Medium Tuff	Magnitude (mb) 5.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
19100	Z	-	-	19.9	Tuff
19100	N-S	-	0.862	32.1	Tuff
19100	E-W	-	0.755	26.5	Tuff
28000	Z	-	0.722	9.64	Tuff
28000	N-S	-	0.667	14.7	Tuff
28000	E-W	-	0.900	14.0	Tuff
39600	Z	-	0.113	7.49	Alluvium
39600	N-S	-	0.250	8.94	Alluvium
39600	E-W	-	0.385	7.55	Alluvium
40200	Z	-	0.157	9.55	Alluvium
40200	N-S	-	0.278	10.5	Alluvium
40200	E-W	-	0.376	12.4	Alluvium
40600	N-S	0.660	0.147	6.59	Alluvium
40600	E-W	0.728	0.152	7.25	Alluvium
40600	Z	-	0.0703	4.04	Alluvium
40600	N-S	-	0.243	7.39	Alluvium
40600	E-W	-	0.362	6.40	Alluvium
51000	Z	0.181	0.0482	2.52	Alluvium
51000	R	0.253	0.0626	3.03	Alluvium
51000	T	0.222	0.0660	3.19	Alluvium
51000	Z	-	0.0347	2.36	Alluvium
51000	N-S	-	0.0620	3.02	Alluvium
51000	E-W	-	0.119	2.73	Alluvium
51500	Z	-	-	1.98	Carbonate
51500	N-S	-	0.241	2.65	Carbonate
51500	E-W	-	0.254	2.44	Carbonate
61000	Z	-	0.0564	3.09	Alluvium
61000	N-S	-	0.200	1.53	Alluvium
61000	E-W	-	0.278	3.37	Alluvium
66500	Z	0.0934	0.0307	1.23	Tuff
66500	R	0.0991	0.0242	1.35	Tuff
66500	T	0.0612	0.0186	1.14	Tuff
67900	Z	0.116	0.0364	2.41	Alluvium
67900	R	0.255	0.0388	5.06	Alluvium
67900	T	0.274	0.0398	6.19	Alluvium
83700	Z	0.218	0.0982	1.53	Alluvium
83700	R	0.188	0.0310	3.31	Alluvium
83700	T	0.313	0.0511	4.80	Alluvium
83700	N-S	-	0.0500	2.94	Alluvium
83700	E-W	-	0.0578	2.52	Alluvium
90000	E-W	-	-	0.681	Carbonate
102000	Z	-	0.0928	2.03	Alluvium

Event No. 0345	Medium Tuff	Magnitude (mb) 5.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
102000	N-S	-	0.0725	2.66	Alluvium
102000	E-W	-	0.152	3.17	Alluvium
121000	Z	-	-	3.94	Alluvium
121000	N-S	-	0.0229	3.49	Alluvium
121000	E-W	-	0.0225	2.95	Alluvium
126000	Z	-	0.0234	2.44	Undetermined
126000	N-S	-	-	4.85	Undetermined
126000	E-W	-	0.0700	2.77	Undetermined
127000	Z	-	-	1.65	Alluvium
127000	R	-	0.132	1.86	Alluvium
127000	T	-	0.0834	1.80	Alluvium
128000	Z	-	0.173	2.47	Alluvium
128000	N-S	-	0.127	1.99	Alluvium
128000	E-W	-	0.119	1.99	Alluvium
132900	R	0.266	0.0940	1.96	Alluvium
132900	T	0.454	0.199	1.99	Alluvium
132900	Z	0.101	0.0279	1.53	Alluvium
132900	R	0.362	0.156	1.69	Alluvium
132900	T	0.243	0.0986	1.59	Alluvium
135600	R	0.203	0.0782	1.62	Alluvium
135600	T	0.212	0.0704	1.62	Alluvium
138900	Z	0.269	0.110	1.63	Alluvium
138900	N-S	0.132	0.0390	2.25	Alluvium
147800	Z	0.101	0.0214	1.99	Alluvium
147800	R	0.141	0.0220	2.45	Alluvium
147800	T	0.105	0.0160	2.72	Alluvium
147800	Z	0.0819	0.0181	1.40	Andesite
147800	R	0.0520	0.0218	1.62	Andesite
147800	T	0.114	0.0143	0.970	Andesite
148000	Z	-	-	1.23	Andesite
148000	N-S	-	-	1.24	Andesite
148000	E-W	-	0.00211	0.839	Andesite
148000	Z	-	0.0181	1.31	Andesite
148000	N-S	-	0.0218	1.30	Andesite
148000	E-W	-	0.0143	1.96	Andesite
168000	Z	-	0.0614	1.48	Carbonate
168000	N-S	-	0.0136	1.47	Carbonate
168000	E-W	-	0.0335	1.22	Carbonate

Event No. 0561	Medium Tuff	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
978	Z	341.	-	8026.	Alluvium
1550	Z	225.	-	4576.	Alluvium
1550	R	87.5	-	989.	Alluvium
2497	Z	87.8	-	1430.	Alluvium
2497	R	88.4	-	441.	Alluvium
2497	T	92.4	-	-	Alluvium
4144	Z	19.4	-	373.	Alluvium
4144	R	17.7	-	344.	Alluvium
4144	T	14.7	-	-	Alluvium
6154	Z	17.2	-	203.	Alluvium
6154	R	14.0	-	51.9	Alluvium
6154	T	24.1	-	-	Alluvium
10000	Z	-	1.94	280.	Tuff
10000	N-S	-	1.27	356.	Tuff
10000	E-W	-	1.52	287.	Tuff
15603	Z	1.77	-	-	Alluvium
15603	R	3.96	-	-	Alluvium
15603	T	2.74	-	-	Alluvium
15700	Z	-	0.413	55.4	Tuff
15700	N-S	-	0.980	56.5	Tuff
15700	E-W	-	1.01	57.9	Tuff
16700	Z	-	0.276	49.0	Tuff
16700	N-S	-	-	20.8	Tuff
16700	E-W	-	0.421	33.0	Tuff
16700	Z	-	-	70.5	Tuff
16700	N-S	-	-	55.0	Tuff
16700	E-W	-	0.388	38.1	Tuff
21000	Z	-	0.217	24.3	Carbonate
21000	N-S	-	0.0825	7.35	Carbonate
21000	E-W	-	0.195	9.50	Carbonate
29900	Z	-	0.0705	13.7	Undetermined
29900	N-S	-	0.419	11.4	Undetermined
29900	E-W	-	0.194	17.0	Undetermined
36800	Z	-	0.597	58.0	Alluvium
36800	N-S	-	0.368	57.8	Alluvium
36800	E-W	-	0.427	61.9	Alluvium
46000	Z	-	0.0730	11.9	Alluvium
46000	R	-	0.144	17.1	Alluvium
46000	T	-	0.220	12.3	Alluvium
47200	Z	-	-	11.4	Carbonate
47200	N-S	-	0.0990	7.32	Carbonate
47200	E-W	-	0.133	7.20	Carbonate

Event No. 0561	Medium Tuff	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
49200	Z	-	0.130	26.0	Alluvium
49200	N-S	-	0.378	16.0	Alluvium
49200	E-W	-	0.540	6.23	Alluvium
52200	N-S	0.540	0.277	8.11	Alluvium
52200	E-W	0.747	0.306	6.93	Alluvium
52200	Z	-	0.101	9.52	Alluvium
52200	N-S	-	0.533	6.57	Alluvium
52200	E-W	-	0.400	6.17	Alluvium
52300	Z	-	0.164	7.79	Alluvium
52300	N-S	-	0.697	10.4	Alluvium
52300	E-W	-	-	6.19	Alluvium
54000	Z	-	0.0905	5.64	Alluvium
54000	N-S	-	0.172	12.6	Alluvium
54000	E-W	-	0.0972	9.39	Alluvium
58200	Z	-	0.158	6.32	Tuff
58200	N-S	-	0.198	10.3	Tuff
58200	E-W	-	0.146	13.7	Tuff
72000	Z	-	0.0677	5.50	Alluvium
72000	N-S	-	0.191	3.76	Alluvium
72000	E-W	-	0.342	3.70	Alluvium
76200	Z	-	0.0667	4.55	Alluvium
76200	N-S	-	0.0567	3.97	Alluvium
76200	E-W	-	0.0863	5.58	Alluvium
76200	R	0.178	0.0606	6.78	Alluvium
76200	T	0.254	0.0848	8.87	Alluvium
81000	Z	-	-	3.64	Carbonate
81000	R	-	-	2.68	Carbonate
81000	T	-	-	2.70	Carbonate
83000	Z	-	-	4.99	Alluvium
83000	N-S	-	0.145	4.81	Alluvium
83000	E-W	-	0.147	4.54	Alluvium
96000	Z	-	-	4.91	Tuff
96000	N-S	-	0.0923	3.19	Tuff
96000	E-W	-	0.0685	2.56	Tuff
102000	Z	-	0.0320	-	Undetermined
102000	R	-	0.0720	-	Undetermined
102000	T	-	0.0400	-	Undetermined
102000	Z	0.216	0.0382	6.90	Undetermined
102000	R	0.158	0.0310	4.70	Undetermined
102000	T	0.149	0.0310	4.73	Undetermined
107000	Z	-	-	7.64	Alluvium
107000	N-S	-	0.125	7.84	Alluvium

Event No. 0561	Medium Tuff	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
107000	E-W	-	0.0851	6.72	Alluvium
107000	Z	0.391	0.0419	9.65	Alluvium
107000	R	0.346	0.0489	6.17	Alluvium
107000	T	0.366	0.0564	5.34	Alluvium
116500	Z	-	0.0385	6.02	Andesite
116500	N-S	-	-	2.97	Andesite
116500	E-W	-	0.0255	3.35	Andesite
116500	Z	-	-	6.66	Andesite
116500	N-S	-	0.0229	4.97	Andesite
116500	E-W	-	0.0306	5.71	Andesite
126000	Z	-	-	3.99	Alluvium
126000	N-S	-	-	3.36	Alluvium
126000	E-W	-	-	2.83	Alluvium
165000	Z	-	0.126	3.30	Alluvium
165000	N-S	-	0.0652	2.50	Alluvium
165000	E-W	-	0.0684	2.12	Alluvium
166000	Z	0.294	0.0528	3.03	Alluvium
166000	R	0.477	0.0696	3.09	Alluvium
166000	T	0.311	0.0696	2.92	Alluvium
166500	Z	-	-	2.43	Alluvium
166500	N-S	-	0.0873	1.94	Alluvium
166500	E-W	-	0.112	2.56	Alluvium
167000	N-S	0.204	0.0373	1.70	Alluvium
167000	N-S	0.367	0.0688	2.99	Alluvium
170000	Z	0.194	0.0488	3.07	Alluvium
170000	N-S	0.269	0.0630	3.15	Alluvium
170000	E-W	0.187	0.0635	1.78	Alluvium
170000	Z	-	0.0480	2.59	Alluvium
170000	N-S	-	0.0706	2.86	Alluvium
170000	E-W	-	0.0505	1.96	Alluvium
170000	Z	-	0.0200	-	Alluvium
170000	N-S	-	0.0360	-	Alluvium
170000	E-W	-	0.0400	-	Alluvium
170000	N-S	-	0.0113	-	Alluvium
170000	E-W	-	0.0119	-	Alluvium
185000	Z	-	-	1.78	Carbonate
185000	N-S	-	0.0216	3.37	Carbonate
185000	E-W	-	0.0462	2.72	Carbonate

Event No. 0571	Medium Tuff	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
19480	Z	-	0.372	19.0	Tuff
19480	R	-	0.595	26.0	Tuff
19480	T	-	0.463	26.8	Tuff
20160	Z	-	0.0411	6.24	Undetermined
20160	R	-	0.0833	7.27	Undetermined
20160	T	-	0.215	12.7	Undetermined
25260	Z	-	0.168	8.79	Carbonate
25260	N-S	-	0.181	6.23	Carbonate
25260	E-W	-	0.273	6.21	Carbonate
33200	Z	-	0.115	14.7	Undetermined
33200	R	-	0.176	9.08	Undetermined
33200	T	-	0.150	10.1	Undetermined
49900	Z	0.154	0.0305	2.56	Carbonate
49900	R	0.152	0.0479	2.95	Carbonate
49900	T	0.177	0.0625	2.23	Carbonate
60600	Z	0.210	0.0622	3.69	Alluvium
60600	R	0.268	0.0660	4.89	Alluvium
60600	T	0.214	0.0554	4.99	Alluvium
61600	Z	0.338	0.0945	-	Alluvium
61600	R	0.560	0.139	-	Alluvium
61600	T	0.746	0.267	-	Alluvium
61600	Z	0.178	0.0610	1.80	Tuff
61600	R	0.128	0.0420	1.73	Tuff
61600	T	0.129	0.0402	2.04	Tuff
77100	Z	0.374	0.199	-	Alluvium
77100	R	0.356	0.210	-	Alluvium
77100	T	0.355	0.203	-	Alluvium
80500	Z	0.248	0.0446	8.83	Alluvium
80500	R	0.250	0.0995	5.39	Alluvium
80500	T	0.411	0.163	-	Alluvium
91600	Z	0.186	0.0194	5.11	Undetermined
91600	R	0.136	0.0301	2.85	Undetermined
91600	T	0.136	0.0241	2.95	Undetermined
91600	Z	-	-	3.77	Undetermined
91600	R	-	0.0565	1.66	Undetermined
91600	T	-	0.0442	2.31	Undetermined
101400	Z	0.234	0.0378	4.09	Alluvium
101400	R	0.298	0.0437	5.63	Alluvium
101400	T	0.202	0.0532	4.17	Alluvium
101400	Z	-	-	5.01	Alluvium
101400	R	-	-	3.16	Alluvium
101400	T	-	0.0655	3.87	Alluvium

Event No. 0571	Medium Tuff	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
101400	Z	0.247	0.0359	5.28	Tuff
101400	R	0.197	0.0472	3.01	Tuff
101400	T	0.162	0.0465	2.52	Tuff
103600	Z	0.124	0.0295	2.95	Undetermined
103600	R	0.0846	0.0283	2.37	Undetermined
103600	T	0.0635	0.0295	2.48	Undetermined
114900	Z	0.413	0.0170	17.1	Alluvium
114900	R	0.494	0.0210	20.2	Alluvium
114900	Z	0.331	0.0486	9.21	Andesite
114900	R	0.170	0.0490	5.94	Andesite
114900	T	0.120	0.0478	6.39	Andesite
114900	Z	0.334	0.0167	15.5	Andesite
114900	R	0.137	0.0233	3.68	Andesite
114900	T	0.154	0.0168	6.27	Andesite
114900	Z	-	-	7.35	Andesite
114900	R	-	0.0416	9.80	Andesite
114900	T	-	0.0369	7.43	Andesite
136700	Z	0.0662	0.0140	0.977	Alluvium
136700	R	0.0563	0.0278	0.690	Alluvium
136700	T	0.0563	0.0266	0.565	Alluvium
168300	Z	-	-	1.82	Alluvium
168300	T	-	0.0573	1.21	Alluvium
168300	R	-	0.0984	1.69	Alluvium
171700	Z	0.110	0.0209	1.40	Alluvium
171700	N-S	0.130	0.0402	0.940	Alluvium
171700	E-W	0.0972	0.0386	0.798	Alluvium
171700	Z	0.104	0.0185	1.58	Alluvium
171700	N-S	0.138	0.0400	1.03	Alluvium
171700	E-W	0.110	0.0327	0.899	Alluvium

Event No. 0661	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
909	Z	-	1.39	1499.	Alluvium
909	R	-	0.861	1117.	Alluvium
909	T	-	0.781	919.	Alluvium
1100	Z	-	-	127.	Alluvium
1100	R	-	2.38	144.	Alluvium
1100	T	-	1.00	129.	Alluvium
1558	Z	-	0.0909	-	Alluvium
1558	R	-	0.987	58.8	Alluvium
1558	T	-	0.855	56.8	Alluvium
4651	Z	-	0.0650	21.1	Alluvium
4651	R	-	0.294	29.9	Alluvium
4651	T	-	0.465	29.1	Alluvium
5817	R	-	0.189	-	Alluvium
5817	Z	-	0.0926	15.5	Alluvium
5817	T	-	0.248	21.2	Alluvium
5855	Z	-	0.107	4.19	Alluvium
5855	R	-	0.0774	9.33	Alluvium
5855	T	-	0.0807	6.87	Alluvium
6186	Z	-	-	7.20	Alluvium
6186	R	-	-	8.15	Alluvium
6186	T	-	0.159	13.2	Alluvium
7505	Z	-	0.0381	3.06	Alluvium
7505	R	-	0.0502	4.69	Alluvium
7505	T	-	0.105	8.58	Alluvium
9566	Z	-	0.0901	4.13	Alluvium
9566	R	-	0.0442	4.15	Alluvium
9566	T	-	0.0843	5.67	Alluvium
11820	Z	-	-	0.680	Quartzite
11820	R	-	0.0281	1.47	Quartzite
11820	T	-	-	1.53	Quartzite
12247	R	-	0.0265	-	Granite
12247	T	-	0.0114	-	Granite

Event No. 0904	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
753	Z	16.2	-	-	Alluvium
753	R	38.0	-	-	Alluvium
753	T	22.2	-	-	Alluvium
753	T	9.83	3.72	154.	Alluvium
753	Z	21.7	2.46	370.	Alluvium
753	R	21.7	6.75	329.	Alluvium
839	Z	31.9	-	-	Alluvium
839	R	27.1	-	-	Alluvium
839	T	24.5	-	-	Alluvium
839	T	21.2	4.65	288.	Alluvium
839	Z	18.9	3.11	264.	Alluvium
839	R	21.4	4.98	293.	Alluvium
1614	Z	5.59	-	-	Alluvium
1614	R	9.65	-	-	Alluvium
1614	T	8.80	-	-	Alluvium
1614	T	7.16	1.69	85.2	Alluvium
1614	Z	6.64	0.505	90.5	Alluvium
1614	R	10.2	1.53	73.8	Alluvium
4559	Z	-	0.301	26.5	Alluvium
4559	R	-	0.600	33.2	Alluvium
4559	T	-	0.401	42.3	Alluvium
5830	Z	5.08	-	-	Alluvium
5830	R	2.27	-	-	Alluvium
5830	T	2.18	-	-	Alluvium
5830	T	3.44	0.487	55.8	Alluvium
5830	Z	2.11	1.05	30.9	Alluvium
5830	R	4.14	0.507	52.8	Alluvium
6156	R	2.73	-	-	Alluvium
6156	T	3.23	-	-	Alluvium
6156	T	2.97	0.629	18.6	Alluvium
6156	R	2.40	0.615	25.4	Alluvium
6268	R	1.10	-	-	Alluvium
6268	T	2.41	-	-	Alluvium
6268	T	2.57	0.394	19.6	Alluvium
6268	Z	1.10	-	13.7	Alluvium
6268	R	1.26	0.144	16.5	Alluvium
7020	R	2.34	-	-	Alluvium
7020	T	2.85	-	-	Alluvium
7020	T	2.81	0.665	27.8	Alluvium
7020	Z	1.55	0.315	18.0	Alluvium
7020	R	2.43	0.422	23.3	Alluvium
8823	Z	3.16	-	-	Alluvium

Event No. 0904	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
8823	R	1.97	-	-	Alluvium
8823	T	1.58	-	-	Alluvium
8823	T	0.980	0.295	10.7	Alluvium
8823	Z	2.38	0.483	13.6	Alluvium
8823	R	1.88	0.283	16.1	Alluvium
12023	R	-	0.00984	-	Quartzite
12023	Z	-	-	1.74	Quartzite
12023	R	-	-	2.38	Quartzite
12023	T	-	-	1.96	Quartzite
12228	R	0.398	-	-	Granite
12228	T	0.443	-	-	Granite
12228	T	-	0.0593	2.87	Granite
12228	Z	-	-	2.11	Granite
12228	R	-	-	3.38	Granite

Event No. 1103	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
137750	N-S	-	0.00990	-	Alluvium
137750	E-W	-	0.0137	-	Alluvium
138000	Z	-	0.000092	-	Alluvium
138000	N-S	-	0.000461	-	Alluvium
138000	E-W	-	0.000467	-	Alluvium
139500	Z	0.00182	-	-	Alluvium
139500	N-S	0.00226	-	-	Alluvium
139500	E-W	0.00239	-	-	Alluvium
139500	N-S	0.00365	-	-	Alluvium
139500	E-W	0.00512	-	-	Alluvium
139500	Z	0.00272	-	-	Alluvium

Event No.	Medium	Magnitude (mb)			
1208	Alluvium	-			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
23300	R	0.0673	-	-	Undetermined
23300	T	0.0651	-	-	Undetermined
32900	Z	0.0595	-	0.535	Tuff
32900	R	0.0672	0.00882	1.08	Tuff
32900	T	0.0818	0.0132	0.975	Tuff

Event No. 1252	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
47000	R	2.22	-	-	Alluvium
47000	T	1.69	-	-	Alluvium
47000	Z	1.98	-	-	Alluvium
107000	R	1.55	-	-	Alluvium
107000	T	0.970	-	-	Alluvium
107000	Z	1.20	-	-	Alluvium
110000	R	0.610	-	-	Alluvium
110000	T	0.370	-	-	Alluvium
110000	Z	0.800	-	-	Alluvium
118000	R	1.45	-	-	Alluvium
118000	T	1.08	-	-	Alluvium
118000	Z	1.10	-	-	Alluvium
127000	R	0.960	-	-	Alluvium
127000	T	0.960	-	-	Alluvium
127000	Z	0.850	-	-	Alluvium
161000	N-S	1.96	-	-	Alluvium
161000	Z	1.76	-	-	Alluvium
162000	N-S	0.590	-	-	Alluvium
162000	E-W	0.530	-	-	Alluvium
162000	Z	0.590	-	-	Alluvium
169000	N-S	1.13	-	-	Alluvium
169000	E-W	1.49	-	-	Alluvium
169000	Z	0.820	-	-	Alluvium
174000	R	1.46	-	-	Alluvium
174000	T	1.27	-	-	Alluvium
174000	Z	0.750	-	-	Alluvium
176000	N-S	1.61	-	-	Alluvium
176000	E-W	1.06	-	-	Alluvium
176000	Z	0.960	-	-	Alluvium
176000	N-S	0.850	-	-	Alluvium
176000	E-W	0.680	-	-	Alluvium
176000	Z	0.540	-	-	Alluvium

Event No. 1336	Medium Tuff	Magnitude (mb) 5.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
16790	Z	5.44	-	-	Alluvium
16790	R	3.29	-	-	Alluvium
16790	T	3.18	-	-	Alluvium
16910	Z	4.61	-	-	Alluvium
16910	R	3.84	-	-	Alluvium
16910	T	4.82	-	-	Alluvium
16920	Z	4.63	-	-	Undetermined
16920	T	2.51	-	-	Undetermined
16960	Z	5.27	-	-	Undetermined
16960	R	3.01	-	-	Undetermined
44680	Z	0.132	-	-	Tuff
44680	N-S	0.133	-	-	Tuff
44680	E-W	0.0728	-	-	Tuff
45710	Z	0.365	-	-	Alluvium
45710	R	0.576	-	-	Alluvium
45710	T	0.304	-	-	Alluvium
48390	Z	1.80	0.0671	56.1	Alluvium
48390	N-S	1.22	0.0653	36.7	Alluvium
48390	E-W	0.569	0.0985	17.5	Alluvium
48390	Z	-	0.181	48.6	Alluvium
48390	R	-	0.0611	40.1	Alluvium
48390	T	-	0.0863	16.4	Alluvium
51150	Z	0.551	-	-	Alluvium
51150	R	0.670	-	-	Alluvium
51150	T	0.367	-	-	Alluvium
51150	Z	-	0.200	13.1	Alluvium
51150	R	-	0.0547	13.6	Alluvium
51150	T	-	-	6.27	Alluvium
51530	Z	-	0.0754	4.87	Alluvium
51530	R	-	0.0631	7.76	Alluvium
51530	T	-	0.0827	4.33	Alluvium
78330	Z	0.0836	-	-	Alluvium
78330	R	0.0842	-	-	Alluvium
78330	T	0.0947	-	-	Alluvium
112350	Z	0.129	-	-	Alluvium
112350	R	0.133	-	-	Alluvium
112350	T	0.0899	-	-	Alluvium
112480	Z	0.0966	-	-	Andesite
112480	R	0.0731	-	-	Andesite
112480	T	0.0644	-	-	Andesite
112480	Z	0.0845	-	-	Andesite
112480	R	0.0634	-	-	Andesite

Event No. 1336	Medium Tuff	Magnitude (mb) 5.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
112480	T	0.0598	-	-	Andesite
112480	Z	0.0747	-	-	Andesite
112480	R	0.0628	-	-	Andesite
112480	T	0.0763	-	-	Andesite
117440	Z	0.0972	-	-	Tuff
117440	R	0.111	-	-	Tuff
117440	T	0.133	-	-	Tuff
117440	Z	0.0840	-	-	Alluvium
117440	R	0.181	-	-	Alluvium
117440	T	0.256	-	-	Alluvium
166000	Z	0.206	-	-	Alluvium
166000	R	0.241	-	-	Alluvium
166000	T	0.310	-	-	Alluvium
167000	Z	0.0647	-	-	Alluvium
167000	R	0.0902	-	-	Alluvium
167000	T	0.106	-	-	Alluvium
171160	R	0.0602	-	-	Alluvium
171160	T	0.0511	-	-	Alluvium
171160	R	0.115	-	-	Alluvium
171160	T	0.0950	-	-	Alluvium
173000	Z	0.0258	-	-	Undetermined
173000	R	0.0212	-	-	Undetermined
173000	T	0.0338	-	-	Undetermined
174360	Z	0.0666	-	-	Alluvium
174360	N-S	0.109	-	-	Alluvium
174360	E-W	0.105	-	-	Alluvium
174360	Z	0.0741	-	-	Alluvium
174360	N-S	0.135	-	-	Alluvium
174360	E-W	0.0985	-	-	Alluvium

Event No. 1391	Medium Rhyolite	Magnitude (mb) 5.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1290	Z	-	-	1274.	Tuff
1290	R	-	-	858.	Tuff
1290	T	-	-	2156.	Tuff
1830	Z	-	-	843.	Tuff
1830	R	-	-	343.	Tuff
1830	T	-	-	708.	Tuff
2780	Z	-	-	1852.	Alluvium
2780	R	-	-	929.	Alluvium
7030	Z	-	0.641	54.9	Tuff
7030	T	-	2.01	45.6	Tuff
7030	R	-	1.92	50.9	Tuff
9860	Z	-	1.16	82.9	Tuff
9860	T	-	0.768	48.8	Tuff
9860	R	-	0.770	49.4	Tuff
10630	Z	-	0.833	103.	Alluvium
10630	T	-	0.694	106.	Alluvium
10630	R	-	0.546	52.7	Alluvium
19950	Z	-	0.174	6.46	Tuff
19950	T	-	0.0718	4.73	Tuff
19950	R	-	0.133	4.90	Tuff
21365	Z	-	0.236	11.1	Tuff
21365	N-S	-	0.172	16.5	Tuff
21365	E-W	-	0.472	18.9	Tuff
22200	Z	-	-	5.18	Undetermined
22200	N-S	-	0.0448	7.70	Undetermined
22200	E-W	-	0.0453	9.19	Undetermined
26940	Z	-	0.192	3.20	Carbonate
26940	N-S	-	0.0899	2.90	Carbonate
26940	E-W	-	0.0553	4.90	Carbonate
26940	Z	0.0937	0.0228	-	Carbonate
26940	R	0.102	0.0187	1.01	Carbonate
26940	T	0.0976	0.0212	1.01	Carbonate
39110	Z	-	-	4.10	Tuff
39110	N-S	-	0.0432	3.13	Tuff
39110	E-W	-	0.0536	2.05	Tuff
45300	Z	-	0.0986	4.27	Alluvium
45300	T	-	0.187	4.41	Alluvium
45300	R	-	0.260	4.99	Alluvium
52000	Z	-	-	2.25	Tuff
52000	N-S	-	-	2.37	Tuff
52000	E-W	-	-	2.15	Tuff
52000	T	-	0.0740	-	Undetermined

Event No. 1391	Medium Rhyolite	Magnitude (mb) 5.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
52000	R	-	0.0960	-	Undetermined
81900	R	0.115	0.0118	2.77	Alluvium
81900	T	0.0997	0.0127	1.62	Alluvium
81900	Z	0.145	0.0139	3.38	Alluvium
104000	Z	-	-	3.56	Alluvium
104000	N-S	-	-	2.25	Alluvium
104000	E-W	-	-	2.70	Alluvium
105500	Z	0.158	0.0103	3.57	Alluvium
105500	R	0.0712	0.00835	3.93	Alluvium
105500	T	0.0728	0.00950	2.96	Alluvium
112000	Z	0.448	0.0280	10.3	Alluvium
112000	R	0.388	0.0205	13.6	Alluvium
112000	T	0.180	0.0205	7.82	Alluvium
112000	Z	0.130	0.0151	3.27	Alluvium
112000	R	0.252	0.0162	5.27	Alluvium
112000	T	0.102	0.0192	3.64	Alluvium
112000	Z	-	-	6.39	Andesite
112000	N-S	-	-	9.39	Andesite
112000	E-W	-	0.0693	7.26	Andesite
139000	Z	-	0.01000	-	Alluvium
139000	N-S	-	0.0208	-	Alluvium
139000	E-W	-	0.0617	-	Alluvium
139000	Z	0.0357	0.00736	0.788	Alluvium
139000	R	0.0407	0.0105	0.698	Alluvium
139000	T	0.0305	0.00945	0.536	Alluvium
154000	Z	-	0.0150	-	Alluvium
154000	N-S	-	0.0252	-	Alluvium
154000	E-W	-	0.0232	-	Alluvium
167250	N-S	-	0.0438	3.83	Alluvium
167250	E-W	-	0.133	3.87	Alluvium
167650	N-S	-	0.239	6.13	Alluvium
167650	E-W	-	0.126	5.32	Alluvium
168000	Z	-	0.152	1.78	Alluvium
168000	Z	-	-	2.36	Alluvium
168000	N-S	-	0.0710	4.84	Alluvium
168000	N-S	-	0.110	3.13	Alluvium
168000	E-W	-	0.0545	4.33	Alluvium
168000	E-W	-	0.0925	2.94	Alluvium
168000	Z	-	0.0959	4.41	Alluvium
168000	N-S	-	0.0599	5.50	Alluvium
168000	E-W	-	0.0738	8.58	Alluvium
168000	R	0.101	0.0382	0.813	Alluvium

Event No. 1391	Medium Rhyolite	Magnitude (mb) 5.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
168000	T	0.0895	0.0296	0.934	Alluvium
168000	Z	0.0778	0.0148	0.976	Alluvium
169850	N-S	-	0.0398	3.86	Alluvium
169850	E-W	-	0.0578	7.93	Alluvium
171000	Z	-	-	2.55	Alluvium
171000	N-S	-	0.0691	2.81	Alluvium
171000	E-W	-	0.102	3.97	Alluvium
171000	Z	-	-	1.47	Alluvium
171000	N-S	-	0.0682	2.88	Alluvium
171000	E-W	-	0.1000	3.19	Alluvium
171000	N-S	0.0713	0.0146	0.574	Alluvium
171000	E-W	0.0535	0.0137	0.652	Alluvium
173000	Z	-	0.00850	-	Alluvium
173000	N-S	-	0.00800	-	Alluvium
173000	E-W	-	0.00800	-	Alluvium
173000	N-S	-	0.0166	0.594	Alluvium
173000	R	0.0675	-	-	Alluvium
173000	E-W	-	0.0178	0.594	Alluvium
173000	T	0.0639	-	-	Alluvium
173000	Z	0.0912	0.00851	1.18	Alluvium

Event No. 1468	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
11550	Z	-	-	0.803	Undetermined
13450	T	-	-	2.46	Alluvium
13450	Z	0.186	-	6.37	Alluvium
13450	R	0.184	-	5.15	Alluvium
13450	R	0.184	-	5.15	Alluvium
56900	Z	0.00734	-	-	Alluvium
56900	R	0.00536	-	-	Alluvium
56900	T	0.00521	-	-	Alluvium
57100	Z	0.00984	-	-	Alluvium
57100	R	0.0121	-	-	Alluvium
57100	T	0.00956	-	-	Alluvium
80900	T	0.00486	0.000776	0.155	Alluvium
80900	Z	0.00473	0.00112	0.122	Alluvium
80900	R	0.00416	0.000750	0.124	Alluvium
107900	T	0.00445	0.000267	0.142	Alluvium
107900	Z	0.00338	0.000188	0.107	Alluvium
107900	R	0.00268	0.000191	0.104	Alluvium
111200	Z	0.00450	-	-	Alluvium
111200	R	0.00474	-	-	Alluvium
111200	T	0.00457	-	-	Alluvium
134900	T	0.00610	0.00128	0.154	Alluvium
134900	Z	0.00424	0.000556	0.140	Alluvium
134900	R	0.00468	0.000446	0.138	Alluvium
150200	T	0.00338	0.000837	0.236	Tuff
150200	Z	0.00603	0.000402	0.254	Tuff
150200	R	0.00614	0.00104	0.137	Tuff

Event No. 1536	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
536	Z	4.42	-	-	Alluvium
536	R	8.54	-	-	Alluvium
536	T	3.04	0.170	83.8	Alluvium
536	Z	6.96	0.196	259.	Alluvium
536	R	8.87	0.590	200.	Alluvium
652	Z	3.57	-	-	Alluvium
652	R	5.25	-	-	Alluvium
652	T	4.21	0.155	158.	Alluvium
652	Z	4.83	-	170.	Alluvium
652	R	5.10	0.354	134.	Alluvium
1647	T	2.39	0.120	79.6	Alluvium
1647	Z	1.37	-	53.4	Alluvium
1647	R	3.24	0.156	83.8	Alluvium
4773	R	0.851	-	-	Alluvium
4773	T	0.756	-	-	Alluvium
4773	T	1.25	0.0368	33.9	Alluvium
4773	Z	0.524	-	10.8	Alluvium
4773	R	1.38	0.0382	33.5	Alluvium
5266	Z	0.271	-	-	Alluvium
5266	R	0.255	-	-	Alluvium
5266	Z	-	0.0143	-	Alluvium
5266	R	-	0.0268	-	Alluvium
5548	T	0.584	-	-	Alluvium
5548	T	0.635	-	15.5	Alluvium
5548	R	0.429	-	11.9	Alluvium
7192	R	0.281	-	-	Alluvium
7192	T	0.303	-	-	Alluvium
7192	T	0.253	0.0332	4.26	Alluvium
7192	Z	0.177	-	4.41	Alluvium
7192	R	0.275	0.0417	7.40	Alluvium
7764	Z	0.297	-	-	Alluvium
7764	R	0.222	-	-	Alluvium
8065	R	0.240	-	-	Alluvium
8065	T	0.250	0.0257	4.39	Alluvium
8065	Z	0.195	-	4.43	Alluvium
8065	R	0.279	0.0334	6.08	Alluvium
11169	R	0.0484	-	-	Granite
11169	T	0.0390	-	-	Granite
11169	T	-	0.00373	-	Granite
11169	R	-	0.00469	-	Granite

Event No. 1537	Medium Alluvium	Magnitude (mb) 4.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
545	R	10.9	-	-	Alluvium
545	T	9.01	-	-	Alluvium
545	T	11.2	0.864	215.	Alluvium
545	Z	23.5	-	444.	Alluvium
545	R	11.4	1.29	371.	Alluvium
2076	Z	4.16	-	-	Alluvium
2076	R	8.63	-	-	Alluvium
2076	T	7.99	-	-	Alluvium
2076	T	7.52	0.532	142.	Alluvium
2076	Z	2.78	0.507	56.9	Alluvium
2076	R	8.19	1.15	145.	Alluvium
4703	R	1.89	-	-	Alluvium
4703	T	2.37	-	-	Alluvium
4703	T	2.12	0.284	32.4	Alluvium
4703	Z	1.43	0.226	24.1	Alluvium
4703	R	1.87	0.327	24.7	Alluvium
4999	R	0.953	-	-	Alluvium
4999	T	1.01	-	-	Alluvium
4999	T	0.118	0.130	17.9	Alluvium
4999	Z	0.510	-	8.26	Alluvium
4999	R	0.920	0.111	14.4	Alluvium
5849	Z	2.03	-	-	Alluvium
5849	R	1.36	-	-	Alluvium
5849	T	1.87	-	-	Alluvium
5849	T	1.86	0.354	27.5	Alluvium
5849	Z	0.733	0.296	14.1	Alluvium
5849	R	1.36	0.194	21.7	Alluvium
7397	R	1.35	-	-	Alluvium
7397	T	1.44	-	-	Alluvium
7397	T	1.53	0.314	20.0	Alluvium
7397	Z	0.976	-	11.1	Alluvium
7397	R	1.39	0.218	12.0	Alluvium
7763	R	0.685	-	-	Alluvium
7763	T	1.15	-	-	Alluvium
7763	T	1.07	0.199	9.78	Alluvium
7763	Z	0.940	0.205	8.98	Alluvium
7763	R	0.724	0.129	10.3	Alluvium
8236	R	1.05	-	-	Alluvium
8236	T	0.853	-	-	Alluvium
8236	T	0.844	0.212	10.7	Alluvium
8236	Z	0.691	-	6.81	Alluvium
8236	R	0.914	0.215	11.0	Alluvium

Event No. 1537	Medium Alluvium	Magnitude (mb) 4.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
10740	Z	-	-	2.06	Quartzite
10740	R	-	-	2.25	Quartzite
10740	T	-	-	2.91	Quartzite
11160	R	0.129	-	-	Granite
11160	T	0.128	-	-	Granite
11160	T	-	0.271	-	Granite
11160	R	-	0.219	-	Granite

Event No. 1549	Medium Granite	Magnitude (mb) 4.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
877	T	-	0.864	539.	Carbonate
877	Z	-	-	2842.	Carbonate
877	R	-	3.27	2136.	Carbonate
955	R	24.4	-	-	Granite
955	T	14.8	-	-	Granite
955	R	17.5	2.70	597.	Granite
955	T	26.0	0.707	647.	Granite
1190	Z	11.6	-	-	Carbonate
1190	R	14.8	-	-	Carbonate
1190	T	4.07	-	-	Carbonate
1190	R	18.5	1.26	730.	Carbonate
1190	T	6.38	0.380	516.	Carbonate
1190	Z	11.5	1.13	664.	Carbonate
2250	Z	-	-	80.4	Tuff
2250	R	-	0.138	96.2	Tuff
2250	T	-	0.0592	101.	Tuff
3380	Z	-	0.565	126.	Alluvium
3380	R	-	0.440	176.	Alluvium
3380	T	-	0.299	142.	Alluvium
6300	R	1.31	0.188	11.8	Alluvium
6300	T	1.96	0.172	30.3	Alluvium
6300	Z	1.51	-	30.9	Alluvium
6310	Z	3.90	-	-	Alluvium
6310	R	2.58	-	-	Alluvium
6310	T	3.93	-	-	Alluvium
6310	Z	3.19	0.471	33.3	Alluvium
6310	R	2.74	0.480	45.7	Alluvium
6310	T	3.58	0.487	49.8	Alluvium
10580	Z	0.415	-	-	Alluvium
10580	R	1.07	-	-	Alluvium
10580	T	1.33	-	-	Alluvium
10580	R	-	0.180	-	Alluvium
10580	T	-	0.250	-	Alluvium
10580	Z	-	0.0720	-	Alluvium

Event No. 1728	Medium Tuff	Magnitude (mb) 4.8			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
2883	Z	-	3.19	150.	Tuff
2883	T	-	2.41	173.	Tuff
2883	R	-	2.13	239.	Tuff
5174	Z	-	0.688	120.	Tuff
5174	T	-	1.00	130.	Tuff
5174	R	-	0.782	160.	Tuff
5350	Z	-	0.313	71.6	Tuff
5350	T	-	0.768	61.8	Tuff
5350	R	-	0.719	79.2	Tuff
5868	Z	-	1.13	89.8	Tuff
5868	R	-	0.577	103.	Tuff
5868	T	-	1.02	72.1	Tuff
6584	Z	-	1.24	84.2	Tuff
6584	R	-	0.962	207.	Tuff
6584	T	-	0.835	88.2	Tuff
19430	Z	-	0.193	7.04	Tuff
19430	R	-	0.128	9.45	Tuff
19430	T	-	0.305	13.7	Tuff
25500	Z	-	-	3.14	Undetermined
25500	R	-	0.0303	4.12	Undetermined
25500	T	-	0.0390	3.99	Undetermined
29610	Z	-	-	3.58	Tuff
29610	T	-	0.0910	4.08	Tuff
29610	R	-	0.0790	4.68	Tuff
33010	Z	-	-	3.74	Rhyolite
33010	T	-	0.0952	2.26	Rhyolite
33010	R	-	0.0881	2.37	Rhyolite
39500	T	-	-	2.01	Tuff
39500	R	-	-	3.01	Tuff
49000	T	0.0396	0.00788	0.948	Tuff
49000	Z	0.0405	0.00967	1.22	Tuff
49000	R	0.128	-	-	Alluvium
49000	T	0.138	-	-	Alluvium
49000	Z	0.0700	-	-	Alluvium
75000	R	0.0254	0.00750	0.839	Carbonate
75000	T	0.0180	0.00635	0.725	Carbonate
75000	Z	0.0234	0.00753	0.928	Carbonate
78500	T	0.0283	-	-	Alluvium
78500	Z	0.0493	-	-	Alluvium
78500	R	0.0318	-	-	Alluvium
106000	R	0.0230	0.00514	0.637	Undetermined
106000	T	0.0191	0.00563	0.638	Undetermined

Event No. 1728	Medium Tuff	Magnitude (mb) 4.8			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
106000	Z	0.0278	0.00516	0.460	Undetermined
112000	Z	0.101	0.00356	4.05	Alluvium
112000	R	0.119	0.00627	6.16	Alluvium
112000	T	0.108	0.00427	3.36	Alluvium
112000	T	0.0392	0.00450	1.78	Andesite
112000	Z	0.0650	0.00240	3.72	Andesite
139000	R	0.0170	0.00452	0.266	Alluvium
139000	T	0.0161	0.00381	0.313	Alluvium
139000	Z	0.0242	0.00261	0.407	Alluvium
168000	N-S	-	0.00169	-	Alluvium
168000	E-W	-	0.00194	-	Alluvium
168000	Z	0.0242	0.00538	0.392	Alluvium
168000	R	0.0412	0.0130	0.499	Alluvium
168000	T	0.0578	0.0166	0.392	Alluvium
168000	Z	0.0331	0.00548	0.422	Alluvium
168000	R	0.0473	0.0110	0.352	Alluvium
168000	T	0.0419	0.0137	0.352	Alluvium
168000	R	0.0416	0.0149	-	Alluvium
168000	R	0.0475	0.0131	-	Alluvium
168000	T	0.0476	0.0113	-	Alluvium
168000	Z	0.0306	0.00534	-	Alluvium
168000	Z	0.0259	0.00538	-	Alluvium
168000	R	0.0515	0.0145	0.564	Alluvium
168000	T	0.0450	0.00982	0.398	Alluvium
168000	Z	0.0420	0.00491	0.710	Alluvium
173000	N-S	-	0.00192	-	Alluvium
173000	E-W	-	0.00180	-	Alluvium
173000	Z	-	0.00260	-	Alluvium
173000	N-S	-	0.00460	-	Alluvium
173000	E-W	-	0.00493	-	Alluvium
173000	N-S	0.0323	0.0103	-	Alluvium
173000	E-W	0.0239	0.00828	-	Alluvium
173000	Z	0.0199	0.00429	-	Alluvium

Event No. 1771	Medium Alluvium	Magnitude (mb) 4.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
408	Z	-	-	2450.	Alluvium
453	Z	-	-	1960.	Alluvium
579	Z	131.	-	882.	Alluvium
579	R	85.3	-	-	Alluvium
919	Z	39.5	-	490.	Alluvium
1810	Z	7.89	-	-	Alluvium
1810	R	30.7	-	-	Alluvium
1810	T	27.9	-	-	Alluvium
1810	R	25.0	5.43	225.	Alluvium
1810	T	15.2	5.78	270.	Alluvium
1810	Z	25.0	-	517.	Alluvium
2709	Z	6.87	-	-	Alluvium
2709	R	13.8	-	-	Alluvium
2709	T	14.0	-	-	Alluvium
2709	R	13.9	2.77	121.	Alluvium
2709	T	16.5	2.84	164.	Alluvium
2709	Z	10.2	-	339.	Alluvium
3816	R	3.83	-	-	Alluvium
3816	T	1.36	-	-	Alluvium
3816	R	3.24	0.552	53.3	Alluvium
3816	T	2.24	0.172	36.5	Alluvium
3816	Z	1.63	-	35.2	Alluvium
5268	R	1.91	-	-	Alluvium
5268	T	1.74	-	-	Alluvium
5268	R	2.21	0.334	22.6	Alluvium
5268	T	1.75	0.212	21.8	Alluvium
5268	Z	1.05	0.0678	12.9	Alluvium
7946	R	1.21	-	-	Alluvium
7946	T	1.19	-	-	Alluvium
7946	R	2.18	0.278	16.8	Alluvium
7946	T	2.07	0.219	18.1	Alluvium
7946	Z	1.10	-	9.89	Alluvium
12595	R	0.537	-	-	Alluvium
12595	T	0.520	-	-	Alluvium
12595	R	0.562	0.114	6.80	Alluvium
12595	T	0.628	0.140	8.08	Alluvium
12595	Z	0.376	0.0692	5.34	Alluvium
14305	R	3.06	-	-	Alluvium
14305	T	3.12	-	-	Alluvium
14305	R	3.11	0.813	22.7	Alluvium
14305	T	2.43	0.495	19.0	Alluvium
14305	Z	1.91	0.147	13.7	Alluvium

Event No. 1771	Medium Alluvium	Magnitude (mb) 4.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
14601	R	0.913	-	-	Alluvium
14601	T	1.01	-	-	Alluvium
14601	R	0.776	0.120	8.21	Alluvium
14601	T	1.06	0.204	9.17	Alluvium
14601	Z	0.472	-	4.79	Alluvium
19198	R	0.238	-	-	Quartzite
19198	T	0.310	-	-	Quartzite
19198	R	-	0.0870	3.60	Quartzite
19198	T	0.289	0.0788	3.30	Quartzite
19198	Z	0.300	0.0617	6.25	Quartzite

Event No. 1782	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
787	R	54.9	-	-	Alluvium
787	R	61.7	5.23	827.	Alluvium
787	T	27.5	-	572.	Alluvium
787	Z	45.7	-	989.	Alluvium
4078	R	1.02	0.0820	18.8	Alluvium
4078	T	1.61	0.0728	33.2	Alluvium
4078	Z	1.11	0.0731	19.2	Alluvium
5257	R	0.783	-	-	Alluvium
5257	T	0.892	-	-	Alluvium
5257	R	0.844	0.0973	13.3	Alluvium
5257	T	0.858	0.0934	14.3	Alluvium
5257	Z	0.458	-	7.64	Alluvium
6994	R	1.44	-	-	Alluvium
6994	T	0.870	-	-	Alluvium
6994	R	1.58	0.271	15.6	Alluvium
6994	T	0.948	0.126	18.2	Alluvium
6994	Z	1.07	0.0185	10.7	Alluvium
7109	R	1.23	-	-	Alluvium
7109	T	1.18	-	-	Alluvium
7109	R	1.38	0.171	16.4	Alluvium
7109	T	1.26	0.139	17.6	Alluvium
7109	Z	0.852	0.0531	10.3	Alluvium
18008	R	0.156	-	-	Quartzite
18008	T	0.119	-	-	Quartzite
18008	R	0.212	0.0229	3.32	Quartzite
18008	T	0.268	0.0123	2.32	Quartzite
18008	Z	0.192	0.0515	3.02	Quartzite

Event No. 1838	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
9860	Z	-	0.208	4.06	Alluvium
9860	R	-	-	2.85	Alluvium
9860	T	-	0.0272	3.09	Alluvium
10538	T	-	0.0316	1.49	Undetermined
10538	Z	-	0.0354	1.93	Undetermined
10538	R	-	0.0442	2.66	Undetermined
15400	Z	-	-	4.11	Alluvium
15400	R	-	0.169	6.85	Alluvium
15400	T	-	0.0798	7.06	Alluvium
45550	N-S	-	0.156	-	Tuff
45550	E-W	-	0.145	-	Tuff
45550	Z	-	0.164	-	Tuff
82600	Z	0.0161	-	-	Alluvium
82600	R	0.0199	-	-	Alluvium
82600	T	0.0169	-	-	Alluvium
107600	R	0.0225	-	0.490	Alluvium
107600	T	0.0149	-	0.421	Alluvium
107600	Z	0.0102	-	0.236	Alluvium
109000	R	0.0405	0.00874	0.679	Alluvium
109000	T	0.0413	0.00455	0.668	Alluvium
109000	Z	0.0180	0.00171	0.332	Alluvium
138000	R	-	0.0165	-	Alluvium
138000	T	-	0.0171	-	Alluvium
139000	E-W	0.00688	-	-	Alluvium
139000	N-S	0.00794	-	-	Alluvium
139000	Z	0.00476	-	-	Alluvium
143500	Z	0.0125	0.00213	0.208	Alluvium
143500	R	0.0172	0.00312	0.326	Alluvium
143500	T	0.0140	0.00252	0.261	Alluvium

Event No. 1900	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
126000	N-S	-	0.0220	1.58	Alluvium
126000	E-W	-	0.0228	1.89	Alluvium
127000	Z	-	0.000692	-	Alluvium
127000	N-S	-	0.00360	-	Alluvium
127000	E-W	-	0.00308	-	Alluvium
128000	Z	0.0138	-	-	Alluvium
128000	Z	0.00847	-	-	Alluvium
128000	Z	0.00582	-	-	Alluvium
128000	N-S	0.0165	-	-	Alluvium
128000	N-S	0.0138	-	-	Alluvium
128000	N-S	0.0116	-	-	Alluvium
128000	E-W	0.0201	-	-	Alluvium
128000	E-W	0.0138	-	-	Alluvium
128000	E-W	0.0138	-	-	Alluvium
129000	N-S	-	0.0102	-	Alluvium
129000	E-W	-	-	1.87	Alluvium

Event No. 1927	Medium Rhyolite	Magnitude (mb) 6.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
3200	Z	136.	-	-	Tuff
3200	R	126.	-	-	Tuff
3200	T	49.5	-	-	Tuff
3200	Z	86.3	-	-	Tuff
3200	R	88.9	-	-	Tuff
3200	T	71.8	-	-	Tuff
3400	Z	76.1	-	-	Tuff
3400	R	40.0	-	-	Tuff
3400	T	8.16	-	-	Tuff
5100	Z	85.0	-	-	Tuff
5100	R	59.4	-	-	Tuff
5100	T	47.0	-	-	Tuff
6100	Z	36.4	-	-	Tuff
6100	R	58.4	-	-	Tuff
6100	T	23.2	-	-	Tuff
6600	Z	46.2	-	-	Tuff
6600	R	29.4	-	-	Tuff
6600	T	46.7	-	-	Tuff
10000	Z	11.9	-	-	Tuff
10000	R	11.5	-	-	Tuff
10000	T	8.59	-	-	Tuff
12600	Z	20.5	-	-	Tuff
12600	R	21.1	-	-	Tuff
12600	T	10.5	-	-	Tuff
17000	Z	1.71	-	-	Carbonate
17000	R	2.86	-	-	Carbonate
17000	T	1.68	-	-	Carbonate
20000	Z	4.57	-	-	Undetermined
20000	R	5.12	-	-	Undetermined
20000	T	1.92	-	-	Undetermined
26000	Z	1.57	-	-	Undetermined
26000	R	2.21	-	-	Undetermined
26000	T	1.96	-	-	Undetermined
30000	Z	3.04	-	-	Tuff
30000	R	4.73	-	-	Tuff
30000	T	3.97	-	-	Tuff
33000	Z	1.91	-	-	Tuff
33000	R	2.48	-	-	Tuff
33000	T	1.88	-	-	Tuff
35000	Z	2.46	-	-	Tuff
35000	R	3.90	-	-	Tuff
35000	T	2.86	-	-	Tuff

Event No. 1927	Medium Rhyolite	Magnitude (mb) 6.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
36000	Z	2.15	-	-	Undetermined
36000	R	2.41	-	-	Undetermined
36000	T	2.15	-	-	Undetermined
43000	Z	0.515	-	-	Alluvium
43000	N-S	0.533	-	-	Alluvium
43000	E-W	0.998	-	-	Alluvium
43000	N-S	0.800	-	-	Carbonate
43000	E-W	0.881	-	-	Carbonate
46000	Z	3.47	-	-	Alluvium
46000	R	1.89	-	-	Alluvium
46000	T	2.25	-	-	Alluvium
48000	Z	1.75	-	-	Alluvium
48000	R	1.77	-	-	Alluvium
48000	T	1.35	-	-	Alluvium
51000	Z	0.455	-	-	Tuff
51000	R	0.722	-	-	Tuff
51000	T	0.936	-	-	Tuff
53000	Z	0.874	-	-	Alluvium
53000	R	1.01	-	-	Alluvium
53000	T	1.08	-	-	Alluvium
53000	Z	0.828	-	-	Tuff
53000	R	0.644	-	-	Tuff
53000	T	0.390	-	-	Tuff
53000	Z	0.808	-	-	Alluvium
53000	R	1.38	-	-	Alluvium
53000	T	1.82	-	-	Alluvium
53000	Z	0.370	-	-	Tuff
53000	R	0.380	-	-	Tuff
53000	T	0.295	-	-	Tuff
53000	Z	0.654	-	-	Alluvium
53000	R	0.874	-	-	Alluvium
53000	T	0.692	-	-	Alluvium
67000	Z	1.90	-	-	Alluvium
67000	R	1.88	-	-	Alluvium
67000	T	2.72	-	-	Alluvium
72000	Z	0.272	-	-	Alluvium
72000	R	0.382	-	-	Alluvium
72000	T	0.354	-	-	Alluvium
94000	Z	0.619	-	-	Undetermined
94000	R	0.550	-	-	Undetermined
94000	T	0.409	-	-	Undetermined
98000	Z	0.600	-	-	Undetermined

Event No. 1927	Medium Rhyolite	Magnitude (mb) 6.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
98000	R	0.667	-	-	Undetermined
98000	T	0.313	-	-	Undetermined
105000	Z	0.307	-	-	Undetermined
105000	R	0.339	-	-	Undetermined
105000	T	0.397	-	-	Undetermined
105000	Z	0.503	-	-	Undetermined
105000	R	0.512	-	-	Undetermined
105000	T	0.533	-	-	Undetermined
105000	Z	0.616	-	-	Tuff
105000	R	0.594	-	-	Tuff
105000	T	0.518	-	-	Tuff
120000	Z	0.659	-	-	Andesite
120000	R	0.438	-	-	Andesite
120000	T	0.384	-	-	Andesite
120000	Z	1.18	-	-	Alluvium
120000	R	1.31	-	-	Alluvium
120000	T	0.677	-	-	Alluvium
120000	Z	0.460	-	-	Alluvium
120000	R	0.411	-	-	Alluvium
120000	T	0.356	-	-	Alluvium
123000	Z	1.02	-	-	Alluvium
123000	R	2.53	-	-	Alluvium
123000	T	1.68	-	-	Alluvium
131000	Z	0.279	-	-	Alluvium
131000	R	0.291	-	-	Alluvium
131000	T	0.186	-	-	Alluvium
147000	Z	0.483	-	-	Alluvium
147000	R	0.522	-	-	Alluvium
147000	T	0.491	-	-	Alluvium
155000	Z	0.386	-	-	Alluvium
155000	N-S	0.824	-	-	Alluvium
155000	E-W	0.670	-	-	Alluvium
159000	Z	0.630	-	-	Alluvium
159000	R	0.794	-	-	Alluvium
159000	T	0.781	-	-	Alluvium
160000	Z	0.497	-	-	Alluvium
160000	R	0.770	-	-	Alluvium
160000	T	0.725	-	-	Alluvium
163000	R	0.375	-	-	Alluvium
163000	T	0.379	-	-	Alluvium
163000	R	0.416	-	-	Alluvium

Event No. 1927	Medium Rhyolite	Magnitude (mb) 6.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
163000	T	0.475	-	-	Alluvium
163000	R	0.368	-	-	Alluvium
163000	T	0.368	-	-	Alluvium
163000	R	0.813	-	-	Alluvium
163000	T	0.526	-	-	Alluvium
164000	R	0.445	-	-	Alluvium
164000	T	0.472	-	-	Alluvium
166000	Z	0.448	-	-	Alluvium
166000	N-S	0.708	-	-	Alluvium
253000	Z	0.0933	-	-	Tuff
253000	R	0.113	-	-	Tuff
253000	T	0.120	-	-	Tuff
319000	Z	0.0585	-	-	Tuff
319000	R	0.0459	-	-	Tuff
319000	T	0.0374	-	-	Tuff
395000	Z	0.0964	-	-	Alluvium
395000	R	0.0660	-	-	Alluvium
395000	T	0.0876	-	-	Alluvium
549000	Z	0.0763	-	-	Alluvium
549000	R	0.131	-	-	Alluvium
549000	T	0.0857	-	-	Alluvium

Event No. 1936	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
5000	Z	-	-	270.	Tuff
5000	R	-	-	341.	Tuff
5000	T	-	-	245.	Tuff
5300	R	-	-	1323.	Undetermined
5300	T	-	-	424.	Undetermined
6000	Z	-	-	870.	Alluvium
6000	R	-	-	581.	Alluvium
6000	T	-	-	208.	Alluvium
6900	Z	-	-	319.	Undetermined
6900	R	-	-	268.	Undetermined
6900	T	-	-	366.	Undetermined
6900	Z	-	-	305.	Undetermined
6900	R	-	-	311.	Undetermined
6900	T	-	-	234.	Undetermined
6900	Z	-	2.76	313.	Tuff
6900	R	-	5.24	228.	Tuff
6900	T	-	3.89	286.	Tuff
7900	Z	-	-	164.	Carbonate
7900	R	-	-	223.	Carbonate
7900	T	-	-	132.	Carbonate
7900	Z	-	-	181.	Carbonate
7900	R	-	-	132.	Carbonate
7900	T	-	-	90.1	Carbonate
7900	Z	-	-	122.	Carbonate
7900	R	-	-	114.	Carbonate
7900	T	-	-	73.5	Carbonate
7900	Z	-	-	129.	Carbonate
7900	R	-	-	130.	Carbonate
7900	T	-	-	68.5	Carbonate
8000	Z	-	-	436.	Undetermined
8000	R	-	-	321.	Undetermined
8000	T	-	-	392.	Undetermined
8000	Z	-	-	427.	Alluvium
8000	R	-	-	307.	Alluvium
8000	T	-	-	164.	Alluvium
10000	Z	-	-	252.	Alluvium
10000	R	-	-	203.	Alluvium
10000	T	-	-	172.	Alluvium
10600	Z	-	-	78.4	Carbonate
10600	R	-	-	51.5	Carbonate
10600	T	-	-	67.0	Carbonate
11500	Z	-	-	235.	Tuff

Event No. 1936	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
11500	R	-	-	126.	Tuff
11500	T	-	-	107.	Tuff
15000	Z	-	2.64	107.	Alluvium
15000	R	-	6.03	76.0	Alluvium
15000	T	-	3.94	63.6	Alluvium
16300	Z	-	1.58	80.9	Tuff
16300	R	-	3.17	88.4	Tuff
16300	T	-	1.58	68.9	Tuff
17600	Z	-	0.764	55.2	Alluvium
17600	R	-	2.29	59.1	Alluvium
17600	T	-	0.846	37.0	Alluvium
18300	Z	-	0.367	53.9	Undetermined
18300	R	-	1.31	55.3	Undetermined
18300	T	-	0.773	37.1	Undetermined
22500	Z	-	-	47.3	Alluvium
22500	R	-	-	60.9	Alluvium
22500	T	-	7.01	63.6	Alluvium
25400	Z	-	1.25	100.	Alluvium
25400	R	-	4.75	52.9	Alluvium
25400	T	-	1.70	37.9	Alluvium
27400	Z	-	0.955	55.3	Tuff
27400	R	-	1.94	64.5	Tuff
27400	T	-	0.830	28.5	Tuff
29100	Z	-	0.520	26.2	Alluvium
29100	R	-	0.816	18.7	Alluvium
29100	T	-	0.540	25.4	Alluvium
30800	Z	-	0.989	44.0	Alluvium
30800	R	-	4.87	21.5	Alluvium
30800	T	-	2.04	22.1	Alluvium
33000	Z	-	0.320	21.5	Undetermined
33000	R	-	1.01	19.5	Undetermined
33000	T	-	0.323	19.0	Undetermined
33700	Z	-	0.128	5.14	Undetermined
33700	R	-	0.194	4.90	Undetermined
33700	T	-	0.251	6.60	Undetermined
39600	Z	-	0.141	14.1	Alluvium
39600	R	-	0.610	13.7	Alluvium
39600	T	-	0.334	18.3	Alluvium
42200	Z	-	0.949	16.6	Alluvium
42200	R	-	2.32	22.4	Alluvium
42200	T	-	1.31	10.3	Alluvium
42400	Z	-	-	9.77	Tuff

Event No. 1936	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
42400	R	-	0.718	13.3	Tuff
42400	T	-	0.279	10.2	Tuff
45300	Z	-	0.0606	7.32	Tuff
45300	R	-	0.669	12.6	Tuff
45300	T	-	0.709	11.2	Tuff
45600	Z	0.605	0.242	-	Tuff
45600	R	0.600	0.239	-	Tuff
45600	T	0.498	0.223	-	Tuff
47900	Z	-	0.0856	10.7	Tuff
47900	R	-	0.499	34.7	Tuff
47900	T	-	-	17.1	Tuff
51200	Z	-	0.492	15.8	Alluvium
51200	R	-	-	16.8	Alluvium
51200	T	-	1.06	10.0	Alluvium
53200	Z	-	0.198	12.2	Alluvium
53200	R	-	0.327	14.8	Alluvium
53200	T	-	0.590	9.79	Alluvium
53900	Z	-	0.126	12.6	Alluvium
53900	R	-	-	9.71	Alluvium
53900	T	-	1.27	8.24	Alluvium
54100	Z	-	-	8.52	Tuff
54100	R	-	0.562	10.8	Tuff
54100	T	-	0.753	9.54	Tuff
56500	Z	-	0.178	6.61	Tuff
56500	R	-	0.653	5.80	Tuff
56500	T	-	-	7.00	Tuff
56500	R	-	0.304	-	Tuff
57600	Z	-	-	4.03	Undetermined
57600	R	-	0.298	4.96	Undetermined
57600	T	-	0.168	6.18	Undetermined
59500	Z	-	0.0799	14.7	Alluvium
59500	R	-	1.55	12.3	Alluvium
59500	T	-	0.717	9.14	Alluvium
60100	Z	-	-	11.8	Alluvium
60100	R	-	0.550	8.89	Alluvium
60100	T	-	-	9.02	Alluvium
65800	Z	-	0.309	4.68	Alluvium
65800	R	-	0.653	6.26	Alluvium
65800	T	-	0.404	5.18	Alluvium
66000	Z	-	0.0902	3.60	Undetermined
66000	R	-	0.338	5.34	Undetermined

Event No. 1936	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
66000	T	-	0.414	5.21	Undetermined
68900	Z	-	-	7.07	Undetermined
68900	R	-	0.239	7.07	Undetermined
68900	T	-	0.348	9.24	Undetermined
70900	Z	-	-	3.37	Alluvium
70900	R	-	0.381	4.51	Alluvium
70900	T	-	0.186	3.93	Alluvium
73400	Z	-	0.324	10.5	Alluvium
73400	R	-	1.98	12.7	Alluvium
73400	T	-	1.85	14.2	Alluvium
74600	Z	0.535	0.274	12.1	Alluvium
74600	R	0.491	0.213	9.08	Alluvium
74600	T	0.435	0.0981	10.3	Alluvium
77800	Z	0.537	0.306	8.45	Alluvium
77800	R	0.381	0.176	1.23	Alluvium
77800	T	0.253	0.130	8.54	Alluvium
79100	Z	0.337	0.171	-	Tuff
79100	R	0.450	0.183	-	Tuff
83000	Z	-	-	6.51	Alluvium
83000	R	-	1.18	5.23	Alluvium
83000	T	-	1.26	5.16	Alluvium
85400	Z	-	0.350	6.66	Alluvium
85400	R	-	0.865	8.23	Alluvium
85400	T	-	0.410	5.29	Alluvium
87200	Z	-	0.103	8.86	Alluvium
87200	R	-	0.652	10.2	Alluvium
87200	T	-	0.876	7.79	Alluvium
88900	Z	0.432	0.224	5.25	Tuff
88900	R	0.446	0.184	2.07	Tuff
88900	T	0.597	0.218	2.13	Tuff
89700	Z	-	0.168	10.6	Alluvium
89700	R	-	0.110	14.4	Alluvium
89700	T	-	0.120	21.1	Alluvium
100200	Z	0.724	0.325	9.60	Alluvium
100200	R	1.09	0.456	6.51	Alluvium
100200	T	1.26	0.620	5.72	Alluvium
100200	Z	0.671	0.283	6.90	Tuff
100200	R	1.13	0.514	4.95	Tuff
100200	T	0.872	0.374	6.34	Tuff
108700	Z	1.40	0.453	11.7	Alluvium
108700	R	1.93	0.769	12.7	Alluvium
108700	T	1.77	0.728	13.3	Alluvium

Event No. 1936	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
108700	Z	1.30	0.106	28.0	Alluvium
108700	R	1.05	0.124	25.0	Alluvium
108700	T	0.934	0.126	29.4	Alluvium
108700	Z	1.34	0.103	23.5	Andesite
108700	R	0.910	0.102	12.3	Andesite
108700	T	0.631	0.115	11.0	Andesite
126100	Z	0.667	0.119	7.03	Tuff
126100	R	0.451	0.184	5.13	Tuff
126100	T	0.476	0.156	5.50	Tuff
126200	Z	0.700	0.129	10.8	Carbonate
126200	R	0.475	0.116	6.35	Carbonate
126200	T	0.349	0.0578	5.73	Carbonate
135600	T	0.538	0.0726	7.58	Alluvium
151300	R	0.836	0.162	11.0	Alluvium
151300	T	0.931	0.149	7.42	Alluvium
151300	Z	0.748	0.130	8.24	Alluvium
151300	R	0.984	0.172	11.3	Alluvium
151300	T	0.850	0.148	7.24	Alluvium
151300	Z	1.27	0.213	5.42	Undetermined
151300	R	-	0.107	7.63	Undetermined
151300	Z	0.698	-	-	Undetermined
151300	T	0.925	0.168	8.54	Undetermined
159900	Z	-	-	1.46	Carbonate
159900	N-S	-	0.0412	1.62	Carbonate
159900	E-W	-	0.0505	1.91	Carbonate
168100	Z	-	0.163	5.12	Alluvium
168100	N-S	-	0.201	4.50	Alluvium
168100	E-W	-	0.220	4.22	Alluvium
168100	R	0.495	0.107	-	Tuff
168100	T	0.366	0.0804	-	Tuff
172700	Z	0.348	0.0663	3.46	Alluvium
172700	R	0.297	0.0777	3.31	Alluvium
172700	T	0.261	0.0732	2.61	Alluvium
172700	Z	0.360	0.0729	2.86	Carbonate
172700	R	0.224	0.0795	2.62	Carbonate
172700	T	0.184	0.0565	2.37	Carbonate
197700	R	0.0913	0.0256	1.17	Alluvium
197700	T	0.0649	0.0158	0.852	Alluvium
197700	Z	-	0.0471	22.5	Alluvium
197700	N-S	-	0.0772	9.80	Alluvium
197700	E-W	-	-	17.8	Alluvium
197700	R	0.0292	0.00922	0.364	Tuff

Event No. 1936	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
197700	T	0.0326	0.0142	0.327	Tuff
203000	Z	-	-	2.68	Alluvium
203000	N-S	-	0.0700	2.35	Alluvium
203000	E-W	-	0.111	3.33	Alluvium
210600	Z	0.298	0.0663	3.60	Alluvium
210600	R	0.399	0.111	3.05	Alluvium
210600	T	0.413	0.0842	3.18	Alluvium
231200	Z	0.438	0.0731	3.90	Alluvium
231200	R	0.605	0.146	3.33	Alluvium
235200	Z	0.290	0.0725	2.95	Alluvium
235200	R	0.424	0.149	3.03	Alluvium
235200	T	0.505	0.175	3.43	Alluvium
259900	Z	0.345	0.0777	1.69	Alluvium
259900	R	0.455	0.122	2.88	Alluvium
259900	T	0.607	0.186	4.13	Alluvium
265000	Z	0.490	0.0982	3.04	Alluvium
265000	R	0.382	0.0814	2.62	Alluvium
265000	T	0.358	0.0817	2.99	Alluvium
289400	Z	-	-	1.68	Alluvium
289400	N-S	-	0.0529	1.23	Alluvium
289400	E-W	-	0.125	1.85	Alluvium
289400	Z	-	-	2.64	Alluvium
289400	N-S	-	-	7.28	Alluvium
289400	E-W	-	0.258	7.63	Alluvium
290000	Z	-	0.0419	3.65	Alluvium
290000	N-S	-	0.117	1.93	Alluvium
290000	E-W	-	0.0850	1.20	Alluvium
291100	Z	0.278	0.0502	2.53	Alluvium
291100	R	0.373	0.0764	5.36	Alluvium
291100	T	0.322	0.0665	2.88	Alluvium
295000	N-S	0.348	0.0987	1.24	Alluvium
295000	E-W	0.288	0.0771	1.27	Alluvium
297200	Z	0.104	0.0294	0.967	Alluvium
297200	R	0.268	0.0432	2.11	Alluvium
297200	T	0.131	0.0336	1.11	Alluvium
311000	Z	0.115	0.0325	1.06	Alluvium
311000	R	0.239	0.0415	1.59	Alluvium
311000	T	0.143	0.0324	1.01	Alluvium
323500	Z	0.224	0.0520	-	Alluvium
323500	R	0.258	0.0944	-	Alluvium
323500	T	0.175	0.0751	-	Alluvium

Event No. 1936	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
325500	Z	0.0783	0.0251	0.625	Alluvium
325500	R	0.165	0.0530	1.33	Alluvium
325500	T	0.0603	0.0232	0.785	Alluvium
325500	Z	0.0676	0.0231	2.86	Granite
325500	R	0.0587	0.0347	2.62	Granite
325500	T	0.0434	0.0180	2.37	Granite
328500	Z	0.135	0.0360	-	Alluvium
328500	R	0.162	0.0553	-	Alluvium
328500	T	0.162	0.0655	-	Alluvium
328600	R	0.268	0.0762	1.22	Alluvium
369900	Z	0.0699	0.0335	0.686	Alluvium
369900	R	0.0766	0.0407	0.539	Alluvium
369900	T	0.0809	0.0446	0.396	Alluvium
419200	Z	0.0983	0.0308	0.582	Alluvium
419200	R	0.361	0.122	1.00	Alluvium
419200	T	0.352	0.0693	1.03	Alluvium
440300	Z	0.0825	0.0340	0.563	Alluvium
440300	R	0.0272	0.110	0.955	Alluvium
440300	T	0.0179	0.0703	0.980	Alluvium
443300	Z	0.0510	0.0266	0.303	Alluvium
443300	R	0.0722	0.0511	0.577	Alluvium
443300	T	0.0669	0.0408	0.463	Alluvium
460100	Z	0.0744	0.0452	0.212	Alluvium
460100	R	0.0744	0.0484	0.370	Alluvium
460100	T	0.101	0.0539	0.315	Alluvium
460400	Z	0.0410	0.0204	0.417	Basalt
460400	R	0.0433	0.0189	0.343	Basalt
460400	T	0.0296	0.0176	0.274	Basalt
466700	Z	0.0462	0.0141	-	Alluvium
466700	R	0.0484	0.0189	-	Alluvium
466700	T	0.0401	0.0220	-	Alluvium
466700	Z	0.0407	0.0114	0.269	Undetermined
466700	R	0.0336	0.0139	0.244	Undetermined
466700	T	0.0419	0.0238	0.147	Undetermined
539100	Z	0.0303	0.0113	0.117	Alluvium
539100	R	0.0458	0.0236	0.224	Alluvium
539100	T	0.0505	0.0246	0.160	Alluvium
549500	Z	0.0630	0.00559	4.12	Alluvium
549500	R	0.0168	0.00544	0.847	Alluvium
549500	T	0.0265	0.0102	1.34	Alluvium
549500	Z	0.0190	0.00897	-	Undetermined
549500	R	0.0242	0.0119	-	Undetermined
549500	T	0.0149	0.0109	-	Undetermined

Event No. 2163	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
760	Z	-	4.55	1862.	Alluvium
760	R	-	3.64	999.	Alluvium
760	T	-	-	1078.	Alluvium
860	R	-	-	1205.	Alluvium
31000	Z	0.0665	-	-	Alluvium
31000	Z	0.0634	-	-	Alluvium
31000	Z	0.0596	-	-	Alluvium
31000	N-S	0.104	-	-	Alluvium
34000	N-S	-	0.0137	1.55	Tuff
34000	E-W	-	0.0131	2.47	Tuff
61000	T	0.0133	0.00133	0.663	Undetermine
61000	Z	0.0172	0.000812	0.775	Undetermine
61000	R	0.0113	0.00356	0.672	Undetermine
77000	T	0.0326	0.00788	1.47	Alluvium
77000	Z	0.0293	0.00905	1.14	Alluvium
77000	R	0.0402	0.00737	1.72	Alluvium
94000	R	0.00527	-	0.249	Alluvium
94000	N-S	-	0.00120	-	Alluvium
94000	T	0.00500	-	0.226	Alluvium
94000	E-W	-	0.000700	-	Alluvium
94000	T	0.00543	0.000957	-	Alluvium
94000	Z	0.00452	0.000400	0.278	Alluvium
94000	Z	0.00431	0.000796	-	Alluvium
94000	R	0.00511	0.000899	-	Alluvium
110000	R	0.0167	-	0.884	Alluvium
110000	N-S	-	0.00350	-	Alluvium
110000	T	0.0108	-	0.344	Alluvium
110000	E-W	-	0.00670	-	Alluvium
110000	T	0.0127	0.00480	-	Alluvium
110000	Z	0.00689	0.00200	0.240	Alluvium
110000	Z	0.00887	0.00246	-	Alluvium
110000	R	0.0260	0.00393	-	Alluvium
123000	N-S	0.00983	0.0143	1.15	Alluvium
123000	E-W	0.00899	0.0251	1.39	Alluvium
123000	Z	0.00793	-	-	Alluvium
124000	N-S	-	0.0137	1.07	Alluvium
124000	E-W	-	0.0131	1.39	Alluvium
125000	E-W	-	-	1.70	Alluvium
126000	Z	0.00742	-	-	Alluvium
126000	N-S	0.0153	-	-	Alluvium
126000	E-W	0.0114	-	-	Alluvium
127000	N-S	-	0.000894	-	Alluvium

Event No. 2163	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
127000	E-W	-	0.000700	-	Alluvium
127000	R	0.00888	-	0.366	Alluvium
127000	N-S	-	0.00140	-	Alluvium
127000	T	0.00915	-	0.394	Alluvium
127000	E-W	-	0.00110	-	Alluvium
127000	T	0.0102	0.00213	-	Alluvium
127000	Z	0.00878	0.00400	0.288	Alluvium
127000	Z	0.00789	0.00102	-	Alluvium
127000	R	0.0109	0.00250	-	Alluvium

Event No. 2203	Medium Tuff	Magnitude (mb) 6.2			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
54000	R	1.35	-	-	Alluvium
54000	T	1.55	-	-	Alluvium
54000	Z	1.09	-	-	Alluvium
104000	R	0.930	-	-	Alluvium
104000	T	1.23	-	-	Alluvium
104000	Z	0.720	-	-	Alluvium
107000	R	0.980	-	-	Alluvium
107000	T	0.930	-	-	Alluvium
107000	Z	0.960	-	-	Alluvium
116000	R	0.340	-	-	Andesite
116000	T	0.510	-	-	Andesite
116000	Z	0.710	-	-	Andesite
116000	R	0.470	-	-	Alluvium
116000	T	0.580	-	-	Alluvium
116000	Z	0.750	-	-	Alluvium
124000	R	0.530	-	-	Alluvium
124000	T	0.490	-	-	Alluvium
124000	Z	0.890	-	-	Alluvium
156000	N-S	0.630	-	-	Alluvium
156000	E-W	0.600	-	-	Alluvium
156000	Z	0.290	-	-	Alluvium
162000	N-S	1.11	-	-	Alluvium
162000	E-W	1.13	-	-	Alluvium
162000	Z	1.14	-	-	Alluvium
165000	R	1.00	-	-	Alluvium
165000	T	0.950	-	-	Alluvium
165000	Z	0.930	-	-	Alluvium
166000	N-S	0.730	-	-	Alluvium
166000	E-W	0.950	-	-	Alluvium
166000	Z	0.770	-	-	Alluvium
166000	N-S	1.03	-	-	Alluvium
166000	E-W	1.53	-	-	Alluvium
166000	Z	0.860	-	-	Alluvium
169000	N-S	1.32	-	-	Alluvium
169000	E-W	1.06	-	-	Alluvium
169000	Z	0.640	-	-	Alluvium
170000	N-S	0.640	-	-	Alluvium
170000	E-W	0.560	-	-	Alluvium
170000	Z	0.550	-	-	Alluvium
384000	R	0.0400	-	-	Granite
384000	T	0.0400	-	-	Granite
384000	Z	0.0400	-	-	Granite

Event No. 2203	Medium Tuff	Magnitude (mb) 6.2			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
543000	R	0.110	-	-	Alluvium
543000	T	0.130	-	-	Alluvium
543000	Z	0.140	-	-	Alluvium
547000	R	0.140	-	-	Alluvium
547000	T	0.120	-	-	Alluvium
547000	Z	0.0700	-	-	Alluvium

Event No. 2237	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
960	Z	-	1.23	295.	Alluvium
960	R	-	2.23	216.	Alluvium
960	T	-	1.55	113.	Alluvium
1565	Z	-	0.606	142.	Alluvium
1565	R	-	2.85	191.	Alluvium
1565	T	-	1.22	250.	Alluvium
2095	Z	-	0.761	52.9	Alluvium
2095	R	-	1.20	58.5	Alluvium
2095	T	-	0.947	61.6	Alluvium
3290	Z	-	0.209	16.2	Alluvium
3290	R	-	0.492	31.6	Alluvium
3290	T	-	0.562	18.3	Alluvium
5300	Z	-	-	1.57	Alluvium
5300	R	-	0.0458	3.13	Alluvium
5300	T	-	0.0417	2.58	Alluvium
5455	Z	-	0.0537	5.75	Alluvium
5455	R	-	0.0958	8.47	Alluvium
5455	T	-	0.171	7.17	Alluvium
8950	Z	-	0.167	4.90	Alluvium
8950	R	-	0.169	7.61	Alluvium
8950	T	-	0.0843	4.53	Alluvium
9470	R	-	-	1.35	Carbonate
9470	T	-	0.0410	1.91	Carbonate
9695	Z	-	0.150	6.18	Alluvium
9695	R	-	0.220	8.93	Alluvium
9695	T	-	-	11.9	Alluvium
11440	Z	-	-	2.85	Alluvium
11440	R	-	0.0856	3.89	Alluvium
11440	T	-	0.0778	3.64	Alluvium
13515	Z	-	-	1.16	Alluvium
13515	R	-	0.0982	1.62	Alluvium
13515	T	-	0.0693	1.84	Alluvium
20100	R	-	0.0172	-	Quartzite
20100	T	-	0.0242	-	Quartzite
21230	R	-	0.0150	-	Granite
21230	T	-	0.0168	-	Granite

Event No. 2238	Medium Alluvium	Magnitude (mb) 4.5			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
267	Z	-	-	2254.	Alluvium
408	R	21.2	-	-	Alluvium
474	R	4.88	-	-	Alluvium
1545	Z	4.76	-	-	Alluvium
1545	R	8.08	-	-	Alluvium
1545	T	3.54	-	-	Alluvium
1545	T	3.36	0.516	99.9	Alluvium
1545	Z	7.44	0.667	142.	Alluvium
1545	R	7.85	1.86	181.	Alluvium
2343	Z	5.19	-	-	Alluvium
2343	R	8.38	-	-	Alluvium
2343	T	4.04	-	-	Alluvium
2343	T	3.95	0.511	80.9	Alluvium
2343	Z	7.32	0.784	146.	Alluvium
2343	R	9.27	1.12	136.	Alluvium
4115	Z	0.274	-	-	Alluvium
4115	R	2.98	-	-	Alluvium
4115	T	1.78	-	-	Alluvium
4115	T	1.99	0.234	29.3	Alluvium
4115	Z	2.36	0.0450	29.8	Alluvium
4115	R	2.57	0.593	41.7	Alluvium
7498	R	0.959	-	-	Alluvium
7498	T	1.40	-	-	Alluvium
7498	T	1.33	0.162	19.8	Alluvium
7498	Z	1.25	0.157	10.5	Alluvium
7498	R	1.12	0.190	15.3	Alluvium
9420	R	0.661	-	-	Alluvium
9420	T	0.664	-	-	Alluvium
9420	T	0.716	0.149	8.12	Alluvium
9420	Z	0.573	0.0935	6.13	Alluvium
9420	R	0.557	0.0720	7.44	Alluvium
13687	Z	0.465	-	-	Alluvium
13687	R	0.674	-	-	Alluvium
13687	T	0.602	-	-	Alluvium
13687	T	0.619	0.0970	8.19	Alluvium
13687	Z	0.351	-	4.82	Alluvium
13687	R	0.682	0.129	8.45	Alluvium
13960	R	0.330	-	-	Alluvium
13960	T	0.369	-	-	Alluvium
13960	T	-	0.0523	-	Alluvium
13960	Z	-	0.0164	-	Alluvium
13960	R	-	0.0421	-	Alluvium

Event No. 2238	Medium Alluvium	Magnitude (mb) 4.5			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
16703	R	0.350	-	-	Alluvium
16703	T	0.386	-	-	Alluvium
16703	T	-	0.0480	-	Alluvium
16703	R	-	0.0752	-	Alluvium
18501	Z	0.0879	-	-	Quartzite
20086	R	-	0.00946	-	Granite
20086	T	-	0.00607	-	Granite

Event No. 2262	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1320	T	-	-	806.	Alluvium
1320	Z	-	4.07	896.	Alluvium
1320	R	-	9.87	736.	Alluvium
2080	T	-	1.13	96.5	Alluvium
2080	Z	-	2.03	104.	Alluvium
2080	R	-	4.12	144.	Alluvium
11690	R	0.565	-	-	Undetermined
11690	T	0.562	-	-	Undetermined
11690	T	0.685	0.110	4.95	Undetermined
11690	Z	0.420	0.0395	5.66	Undetermined
11690	R	0.671	0.105	9.56	Undetermined
13020	R	0.947	-	-	Alluvium
13020	T	0.885	-	-	Alluvium
13020	T	0.940	0.179	7.83	Alluvium
13020	Z	0.845	0.102	8.18	Alluvium
13020	R	0.863	0.165	8.38	Alluvium
13420	T	1.59	0.274	15.1	Tuff
13420	Z	1.16	0.189	12.0	Tuff
13420	R	3.27	0.473	27.7	Tuff
37900	R	-	0.0607	-	Alluvium
37900	T	-	0.0565	-	Alluvium
89040	Z	0.0422	-	-	Alluvium
89040	R	0.0105	-	-	Alluvium
89040	T	0.0493	-	-	Alluvium
105900	Z	0.0284	-	-	Alluvium
105900	R	0.0441	-	-	Alluvium
105900	T	0.0461	-	-	Alluvium
121700	N-S	-	0.00271	-	Alluvium
121700	E-W	-	0.00309	-	Alluvium
135500	N-S	-	0.00250	-	Alluvium
135500	E-W	-	0.00289	-	Alluvium

Event No. 2279	Medium Rhyolite	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
53000	R	1.37	-	-	Alluvium
53000	T	1.08	-	-	Alluvium
53000	Z	1.69	-	-	Alluvium
103000	R	1.06	-	-	Alluvium
103000	T	1.21	-	-	Alluvium
103000	Z	0.550	-	-	Alluvium
111000	R	1.10	-	-	Alluvium
111000	T	1.03	-	-	Alluvium
111000	Z	1.30	-	-	Alluvium
112000	R	0.480	-	-	Andesite
112000	Z	0.700	-	-	Andesite
126000	R	0.780	-	-	Alluvium
126000	T	0.800	-	-	Alluvium
126000	Z	0.430	-	-	Alluvium
165000	N-S	1.40	-	-	Alluvium
165000	E-W	1.76	-	-	Alluvium
165000	Z	0.860	-	-	Alluvium
168000	R	1.27	-	-	Alluvium
168000	T	1.03	-	-	Alluvium
168000	Z	0.970	-	-	Alluvium
169000	N-S	1.15	-	-	Alluvium
169000	E-W	1.12	-	-	Alluvium
169000	Z	0.550	-	-	Alluvium
170000	N-S	1.25	-	-	Alluvium
170000	E-W	1.68	-	-	Alluvium
170000	Z	0.910	-	-	Alluvium
171000	N-S	0.580	-	-	Alluvium
171000	E-W	0.510	-	-	Alluvium
171000	Z	0.460	-	-	Alluvium
171000	N-S	1.21	-	-	Alluvium
171000	E-W	1.85	-	-	Alluvium
171000	Z	1.17	-	-	Alluvium
172000	N-S	1.66	-	-	Alluvium
172000	E-W	0.880	-	-	Alluvium
172000	Z	0.850	-	-	Alluvium
172000	N-S	1.56	-	-	Alluvium
172000	E-W	1.46	-	-	Alluvium
172000	Z	1.04	-	-	Alluvium
173000	N-S	0.700	-	-	Alluvium
173000	E-W	0.680	-	-	Alluvium
173000	Z	0.760	-	-	Alluvium
214000	N-S	0.330	-	-	Alluvium

Event No. 2279	Medium Rhyolite	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
214000	E-W	0.300	-	-	Alluvium
214000	Z	0.320	-	-	Alluvium

Event No. 2280	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
262	Z	-	-	1078.	Alluvium
293	Z	-	-	852.	Alluvium
372	Z	21.2	-	490.	Alluvium
372	R	70.0	-	-	Alluvium
599	Z	-	-	147.	Alluvium
1610	Z	-	0.511	70.5	Alluvium
1610	R	-	1.04	63.0	Alluvium
1610	T	-	0.215	51.3	Alluvium
2431	Z	-	0.475	59.1	Alluvium
2431	R	-	0.695	86.2	Alluvium
2431	T	-	0.554	71.4	Alluvium
3414	Z	-	0.0803	20.0	Alluvium
3414	R	-	0.0832	30.0	Alluvium
3414	T	-	0.106	32.2	Alluvium
4805	Z	-	0.0551	13.1	Alluvium
4805	R	-	0.0721	12.4	Alluvium
4805	T	-	0.0872	12.5	Alluvium
7358	Z	-	0.0763	7.60	Alluvium
7358	R	-	0.126	10.1	Alluvium
7358	T	-	0.0872	15.5	Alluvium
12013	Z	-	-	1.47	Alluvium
12013	R	-	0.0200	2.01	Alluvium
12013	T	-	0.0180	2.37	Alluvium
13808	Z	-	0.0507	4.41	Alluvium
13808	R	-	0.217	10.3	Alluvium
13808	T	-	0.167	8.36	Alluvium
14076	Z	-	-	2.31	Alluvium
14076	R	-	0.0375	4.18	Alluvium
14076	T	-	0.0582	4.57	Alluvium
16818	Z	-	0.0480	-	Alluvium
16818	R	-	0.0573	-	Alluvium
16818	T	-	0.0688	-	Alluvium
18617	Z	-	-	1.36	Quartzite
18617	R	-	0.0115	1.00	Quartzite
18617	T	-	0.0105	1.40	Quartzite
20221	R	-	0.00942	-	Granite
20221	T	-	0.00252	-	Granite

Event No. 2316	Medium Rhyolite	Magnitude (mb) 5.5			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
9740	Z	-	0.319	68.1	Tuff
9740	N-S	-	0.763	61.5	Tuff
9740	E-W	-	0.845	45.0	Tuff
21400	Z	-	0.173	20.6	Tuff
21400	R	-	0.246	21.1	Tuff
21400	T	-	0.614	22.3	Tuff
24900	Z	-	0.1000	6.79	Tuff
24900	N-S	-	-	6.26	Tuff
24900	E-W	-	0.223	6.26	Tuff
28700	Z	-	-	5.33	Undetermined
28700	N-S	-	0.0632	4.27	Undetermined
28700	E-W	-	0.0963	8.06	Undetermined
34000	Z	-	0.0704	7.33	Undetermined
34000	N-S	-	0.157	4.77	Undetermined
34000	E-W	-	0.107	5.37	Undetermined
37900	Z	-	0.0725	3.33	Carbonate
37900	N-S	-	-	2.22	Carbonate
37900	E-W	-	0.0781	4.27	Carbonate
42600	Z	-	0.243	16.1	Alluvium
42600	N-S	-	0.109	20.6	Alluvium
42600	E-W	-	0.186	25.7	Alluvium
44000	Z	-	0.0438	14.0	Alluvium
44000	R	-	0.288	10.6	Alluvium
44000	T	-	0.445	8.28	Alluvium
45000	Z	-	-	3.29	Alluvium
45000	N-S	-	0.182	8.24	Alluvium
45000	E-W	-	0.184	7.12	Alluvium
47800	Z	-	0.0797	16.2	Alluvium
47800	N-S	-	0.208	8.05	Alluvium
47800	E-W	-	0.288	3.74	Alluvium
51700	Z	-	0.104	6.55	Alluvium
51700	N-S	-	0.219	9.11	Alluvium
51700	E-W	-	0.538	4.94	Alluvium
53000	N-S	0.478	0.0681	10.3	Alluvium
53000	E-W	0.351	0.115	6.43	Alluvium
63300	Z	-	0.0630	2.95	Tuff
63300	N-S	-	0.0119	3.37	Tuff
63300	E-W	-	0.0582	3.87	Tuff
67500	Z	-	0.0565	5.50	Alluvium
67500	N-S	-	0.139	2.38	Alluvium
67500	E-W	-	0.128	1.98	Alluvium
78400	Z	0.181	0.0579	3.19	Alluvium

Event No. 2316	Medium Rhyolite	Magnitude (mb) 5.5			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
78400	R	0.165	0.0653	3.31	Alluvium
78400	T	0.166	0.0603	3.38	Alluvium
78400	Z	-	-	1.63	Alluvium
78400	N-S	-	0.0580	2.12	Alluvium
78400	E-W	-	0.0625	2.09	Alluvium
79000	Z	-	-	2.67	Alluvium
79000	R	-	0.0824	1.89	Alluvium
79000	T	-	0.0808	1.81	Alluvium
86000	Z	-	-	2.94	Tuff
86000	N-S	-	0.0276	1.53	Tuff
86000	E-W	-	0.0413	1.28	Tuff
86000	Z	-	-	1.32	Carbonate
86000	N-S	-	0.0262	1.34	Carbonate
86000	E-W	-	-	1.07	Carbonate
107000	Z	-	0.0214	-	Undetermined
107000	R	-	0.0286	-	Undetermined
107000	T	-	0.0107	-	Undetermined
109000	Z	-	0.111	5.83	Alluvium
109000	N-S	-	0.0159	4.60	Alluvium
109000	E-W	-	0.0126	2.72	Alluvium
112000	Z	0.121	0.0129	4.54	Andesite
112000	R	0.0955	0.0163	1.79	Andesite
112000	T	0.0632	0.0122	1.42	Andesite
112000	Z	0.140	0.0213	5.73	Alluvium
112000	R	0.129	0.0220	5.10	Alluvium
112000	T	0.0968	0.0318	3.17	Alluvium
112000	Z	-	-	2.26	Andesite
112000	N-S	-	0.0144	1.47	Andesite
112000	E-W	-	0.0179	1.34	Andesite
112000	Z	-	-	2.82	Andesite
112000	N-S	-	0.0171	2.65	Andesite
112000	E-W	-	0.0204	3.59	Andesite
120000	Z	0.0913	0.0232	2.92	Alluvium
120000	R	0.152	0.0260	1.97	Alluvium
120000	T	0.184	0.0295	2.07	Alluvium
120000	Z	-	-	2.21	Alluvium
120000	N-S	-	0.0685	2.35	Alluvium
120000	E-W	-	0.0283	1.85	Alluvium
124000	Z	-	-	1.92	Alluvium
124000	N-S	-	-	1.60	Alluvium
124000	E-W	-	-	1.13	Alluvium
125000	Z	-	-	1.24	Carbonate

Event No. 2316	Medium Rhyolite	Magnitude (mb) 5.5			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
125000	N-S	-	-	0.782	Carbonate
125000	E-W	-	-	1.19	Carbonate
171000	Z	0.0876	0.0276	1.25	Alluvium
171000	R	0.135	0.0367	0.905	Alluvium
171000	T	0.242	0.0545	1.62	Alluvium
171000	Z	-	0.0840	0.825	Alluvium
171000	N-S	-	0.0495	0.754	Alluvium
171000	E-W	-	0.0356	0.944	Alluvium
171000	Z	-	0.0794	-	Alluvium
171000	R	-	0.0670	1.79	Alluvium
171000	T	-	0.0445	0.968	Alluvium
172000	N-S	0.176	0.0417	1.07	Alluvium
172000	E-W	0.167	0.0458	1.08	Alluvium
172000	N-S	0.150	0.0484	1.25	Alluvium
172000	E-W	0.162	0.0369	1.21	Alluvium
175000	Z	0.0693	0.0146	1.04	Alluvium
175000	N-S	0.120	0.0368	0.980	Alluvium
175000	E-W	0.0890	0.0293	0.707	Alluvium
175000	Z	-	-	1.15	Alluvium
175000	N-S	-	0.0447	-	Alluvium
175000	E-W	-	0.0392	0.980	Alluvium
175000	Z	-	0.0107	-	Alluvium
175000	N-S	-	0.0266	-	Alluvium
175000	E-W	-	0.0300	-	Alluvium
175000	N-S	-	0.00572	-	Alluvium
175000	E-W	-	0.00483	-	Alluvium

Event No. 2345	Medium Rhyolite	Magnitude (mb) 6.0			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
818	Z	-	-	7056.	Alluvium
818	R	-	-	882.	Alluvium
818	T	-	-	1715.	Alluvium
932	Z	408.	-	4704.	Alluvium
932	R	143.	-	1176.	Alluvium
1219	Z	180.	-	5096.	Alluvium
1219	R	76.1	-	2077.	Alluvium
1219	T	-	-	1362.	Alluvium
1591	Z	147.	-	-	Alluvium
1591	R	68.5	-	-	Alluvium
1591	T	107.	-	-	Alluvium
2160	Z	-	-	2254.	Tuff
2160	R	-	-	1391.	Tuff
2160	T	-	-	1695.	Tuff
2281	Z	90.8	-	1421.	Alluvium
2281	R	54.9	-	245.	Alluvium
2281	T	31.1	-	225.	Alluvium
2295	Z	77.0	-	-	Alluvium
2295	R	39.2	-	-	Alluvium
2295	T	32.9	-	-	Alluvium
2427	Z	51.2	-	-	Alluvium
2427	R	38.4	-	-	Alluvium
2427	T	23.5	-	-	Alluvium
3157	Z	58.5	-	-	Alluvium
3157	T	46.5	-	-	Alluvium
3310	Z	-	-	809.	Tuff
3310	R	-	-	2361.	Tuff
5560	Z	-	-	730.	Tuff
5560	R	-	-	359.	Tuff
5560	T	-	-	373.	Tuff
17500	E-W	-	-	45.0	Tuff
17500	N-S	-	-	55.5	Tuff
17500	Z	-	1.23	58.5	Tuff
18000	Z	-	-	11.6	Undetermined
18000	E-W	-	0.511	27.2	Undetermined
18000	N-S	-	-	17.3	Undetermined
23000	E-W	-	0.640	12.4	Carbonate
23000	N-S	-	-	12.0	Carbonate
23000	Z	-	0.657	14.6	Carbonate
27000	T	-	-	4.06	Tuff
27000	Z	-	0.245	-	Tuff
27000	R	-	0.152	-	Tuff

Event No. 2345	Medium Rhyolite	Magnitude (mb) 6.0			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
41000	T	-	-	12.8	Alluvium
41000	Z	-	0.129	13.7	Alluvium
41000	R	-	-	17.1	Alluvium
44000	T	-	-	6.24	Rhyolite
44000	Z	-	0.562	9.69	Rhyolite
44000	R	-	0.880	8.72	Rhyolite
47000	T	-	0.223	2.83	Undetermined
47000	Z	-	-	2.93	Undetermined
47000	R	-	-	2.52	Undetermined
47800	E-W	-	0.369	3.62	Carbonate
47800	N-S	-	0.146	4.23	Carbonate
47800	Z	-	-	6.53	Carbonate
55900	T	0.675	0.293	7.58	Alluvium
55900	R	0.835	0.268	6.90	Alluvium
56300	E-W	-	-	5.77	Alluvium
56300	N-S	-	0.450	6.42	Alluvium
56300	Z	-	-	5.66	Alluvium
61000	T	0.273	0.0815	2.80	Tuff
61000	Z	0.313	0.126	2.55	Tuff
61000	R	0.250	0.0800	3.64	Tuff
61000	E-W	-	0.112	12.5	Alluvium
61000	N-S	-	0.316	9.56	Alluvium
61000	Z	-	-	6.17	Alluvium
61000	T	0.561	0.160	8.88	Alluvium
61000	Z	0.392	0.146	4.87	Alluvium
61000	R	0.561	0.119	9.40	Alluvium
78000	E-W	-	0.1000	10.1	Alluvium
78000	N-S	-	0.0762	6.01	Alluvium
78000	Z	-	-	10.5	Alluvium
78000	T	0.282	0.0465	6.48	Alluvium
78000	Z	0.264	0.0307	4.67	Alluvium
78000	R	0.164	0.0265	3.81	Alluvium
78000	Z	0.264	0.0320	4.67	Alluvium
99000	E-W	-	0.0676	8.90	Alluvium
99000	N-S	-	0.0446	11.3	Alluvium
99000	Z	-	0.156	9.99	Alluvium
101000	Z	-	-	11.6	Undetermined
101000	R	0.130	0.0500	2.76	Undetermined
101000	T	0.126	0.0445	2.43	Undetermined
101000	Z	0.281	0.0519	3.69	Undetermined
116000	R	0.830	0.0834	24.9	Alluvium
116000	T	0.470	0.0595	17.3	Alluvium

Event No. 2345	Medium Rhyolite	Magnitude (mb) 6.0			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
116000	Z	0.715	0.1000	21.9	Alluvium
116000	R	0.366	0.0919	7.24	Andesite
116000	T	0.230	0.0530	7.80	Andesite
116000	Z	0.481	0.0456	17.0	Andesite
116000	Z	0.497	0.0456	17.0	Andesite
116000	E-W	-	0.0554	14.7	Andesite
116000	N-S	-	0.0535	13.8	Andesite
116000	Z	-	-	12.3	Andesite
134000	Z	-	0.140	-	Alluvium
134000	R	-	0.167	-	Alluvium
134000	T	-	0.0500	-	Alluvium
134000	R	0.172	0.0715	1.67	Alluvium
134000	T	0.107	0.0466	1.51	Alluvium
134000	Z	0.181	0.0457	2.62	Alluvium
165000	R	0.634	0.232	3.22	Alluvium
165000	T	0.434	0.145	2.99	Alluvium
165000	Z	0.406	0.145	4.16	Alluvium
166000	E-W	-	0.310	10.8	Alluvium
166000	E-W	-	0.770	8.34	Alluvium
166000	N-S	-	0.264	12.4	Alluvium
166000	N-S	-	0.429	7.84	Alluvium
166000	Z	-	0.286	6.49	Alluvium
166000	Z	-	0.101	6.29	Alluvium
166000	N-S	0.422	0.146	2.50	Alluvium
166000	T	-	0.169	85.7	Alluvium
166000	Z	-	0.256	41.4	Alluvium
166000	R	-	0.223	13.4	Alluvium
166000	E-W	-	0.122	76.3	Alluvium
166000	N-S	-	0.197	12.6	Alluvium
166000	Z	-	0.140	2.20	Alluvium
166000	T	-	-	9.80	Alluvium
166000	Z	-	-	4.47	Alluvium
166000	R	-	-	10.1	Alluvium
167000	T	-	0.287	13.9	Alluvium
167000	Z	-	-	5.38	Alluvium
167000	R	-	0.445	14.7	Alluvium
167000	T	-	0.932	24.9	Alluvium
167000	Z	-	0.0735	5.14	Alluvium
167000	R	-	0.410	14.7	Alluvium
167000	E-W	-	0.570	7.94	Alluvium
167000	N-S	-	0.382	7.19	Alluvium

Event No. 2345	Medium Rhyolite	Magnitude (mb) 6.0			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
167000	Z	-	0.0840	5.11	Alluvium
167000	N-S	0.259	0.0722	1.90	Alluvium
167000	E-W	0.341	0.0729	1.91	Alluvium
167000	T	-	0.502	7.66	Alluvium
167000	Z	-	0.584	4.61	Alluvium
167000	R	-	0.606	15.4	Alluvium
167000	E-W	-	0.178	7.08	Alluvium
167000	N-S	-	0.144	7.95	Alluvium
167000	Z	-	-	3.19	Alluvium
167000	T	-	0.175	10.6	Alluvium
167000	Z	-	0.149	7.21	Alluvium
167000	R	-	0.295	13.9	Alluvium
167000	E-W	-	0.325	8.92	Alluvium
167000	N-S	-	0.391	12.6	Alluvium
167000	Z	-	-	3.54	Alluvium
167000	T	-	0.410	5.14	Alluvium
167000	Z	-	0.110	3.49	Alluvium
167000	R	-	0.153	5.90	Alluvium
168000	Z	-	0.0784	-	Alluvium
168000	N-S	-	0.103	-	Alluvium
168000	E-W	-	0.137	-	Alluvium
168000	N-S	-	0.0147	-	Alluvium
168000	E-W	-	0.0161	-	Alluvium
168000	E-W	-	0.178	2.58	Alluvium
168000	N-S	-	0.109	2.30	Alluvium
168000	Z	-	0.118	4.89	Alluvium
168000	N-S	0.338	0.0945	2.39	Alluvium
168000	E-W	0.283	0.102	1.94	Alluvium
168000	Z	0.283	0.0622	4.73	Alluvium

Event No. 2323	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
545	Z	-	1.92	443.	Alluvium
545	R	-	22.2	484.	Alluvium
545	T	-	1.21	325.	Alluvium
678	Z	-	1.00	234.	Alluvium
678	R	-	3.38	281.	Alluvium
678	T	-	0.797	232.	Alluvium
1792	Z	-	0.570	131.	Alluvium
1792	R	-	1.22	187.	Alluvium
1792	T	-	0.508	176.	Alluvium
4423	Z	-	0.281	31.6	Alluvium
4423	R	-	0.431	55.8	Alluvium
4423	T	-	0.589	45.7	Alluvium
5852	Z	-	0.178	22.2	Alluvium
5852	R	-	0.348	58.2	Alluvium
5852	T	-	0.365	33.9	Alluvium
6114	Z	-	0.322	26.8	Alluvium
6114	R	-	0.447	36.3	Alluvium
6114	T	-	0.403	28.7	Alluvium
6413	Z	-	-	9.43	Alluvium
6413	R	-	0.134	11.1	Alluvium
6413	T	-	0.258	14.1	Alluvium
7006	Z	-	0.327	18.7	Alluvium
7006	R	-	0.333	27.8	Alluvium
7006	T	-	0.431	18.0	Alluvium
8775	Z	-	-	8.09	Alluvium
8775	R	-	-	10.0	Alluvium
8775	T	-	0.192	7.46	Alluvium
12171	R	-	0.0307	-	Granite
12171	T	-	0.0335	-	Granite

Event No. 2464	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
2300	Z	-	-	93.2	Alluvium
2300	R	-	-	206.	Alluvium
2300	T	-	0.691	151.	Alluvium
2780	Z	-	0.221	22.0	Alluvium
2780	R	-	0.136	44.6	Alluvium
2780	T	-	0.131	19.6	Alluvium
3068	Z	-	0.222	20.2	Alluvium
3068	R	-	0.182	34.4	Alluvium
3068	T	-	0.137	26.4	Alluvium
3072	Z	-	0.337	57.5	Alluvium
3072	R	-	0.261	46.8	Alluvium
3072	T	-	0.315	37.2	Alluvium
3335	Z	-	0.150	41.3	Alluvium
3335	R	-	0.179	48.7	Alluvium
3335	T	-	0.145	47.3	Alluvium
6837	Z	-	0.144	15.0	Alluvium
6837	R	-	0.133	20.8	Alluvium
6837	T	-	0.131	20.5	Alluvium
8614	Z	-	0.0606	3.94	Alluvium
8614	R	-	0.0391	6.70	Alluvium
8614	T	-	0.0376	7.01	Alluvium
8729	Z	-	-	2.37	Granite
8729	R	-	0.0150	3.78	Granite
8729	T	-	0.0354	3.13	Granite
9240	Z	-	-	2.40	Quartzite
9240	R	-	0.0150	2.08	Quartzite
9240	T	-	0.0132	2.05	Quartzite
10564	Z	-	0.0357	1.97	Quartzite
10564	R	-	0.0171	5.32	Quartzite
10564	T	-	0.0216	5.26	Quartzite

Event No. 2688	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1268	Z	-	0.197	130.	Alluvium
1268	R	-	2.41	199.	Alluvium
1268	T	-	0.776	64.4	Alluvium
1993	Z	-	-	54.1	Alluvium
1993	R	-	0.814	58.2	Alluvium
1993	T	-	-	63.3	Alluvium
3309	Z	-	0.564	32.5	Alluvium
3309	R	-	1.02	62.2	Alluvium
3309	T	-	0.613	30.3	Alluvium
6543	Z	-	-	8.02	Alluvium
6543	R	-	0.0870	9.29	Alluvium
6543	T	-	0.0860	10.6	Alluvium
10550	Z	-	-	1.58	Carbonate
10550	R	-	0.297	1.77	Carbonate
10550	T	-	-	1.74	Carbonate
10575	Z	-	0.127	6.28	Alluvium
10575	R	-	0.111	9.01	Alluvium
10575	T	-	0.208	8.02	Alluvium
11872	Z	-	-	3.07	Carbonate
11872	R	-	0.0666	4.15	Carbonate
11872	T	-	0.0440	3.18	Carbonate
12883	Z	-	-	1.63	Alluvium
12883	R	-	0.0326	2.56	Alluvium
12883	T	-	0.0280	2.40	Alluvium
19413	R	-	0.00971	-	Quartzite
19413	T	-	0.0173	-	Quartzite
20013	R	-	0.00972	-	Granite
20013	T	-	0.00920	-	Granite

Event No. 2701	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
2130	Z	81.0	-	-	Alluvium
2130	R	127.	-	-	Alluvium
2130	T	34.7	-	-	Alluvium
2130	T	57.2	4.78	464.	Alluvium
2130	Z	87.9	9.36	1362.	Alluvium
2130	R	76.8	25.7	817.	Alluvium
3270	Z	46.2	-	-	Alluvium
3270	R	27.5	-	-	Alluvium
3270	T	26.7	-	-	Alluvium
3270	T	23.4	3.66	413.	Alluvium
3270	Z	28.6	7.72	415.	Alluvium
3270	R	27.1	5.32	349.	Alluvium
3540	Z	36.5	-	-	Alluvium
3540	R	57.2	-	-	Alluvium
3540	T	25.2	-	-	Alluvium
3540	R	50.5	-	376.	Alluvium
3540	T	34.2	4.25	427.	Alluvium
3540	Z	28.6	5.50	482.	Alluvium
4180	Z	1.87	-	-	Alluvium
4180	R	7.26	-	-	Alluvium
4180	T	4.68	-	-	Alluvium
4180	T	5.07	0.922	82.7	Alluvium
4180	Z	10.6	0.273	210.	Alluvium
4180	R	8.15	1.93	198.	Alluvium
5270	R	9.94	-	-	Alluvium
5270	T	7.23	-	-	Alluvium
5270	T	6.60	0.661	146.	Alluvium
5270	Z	6.83	0.802	184.	Alluvium
5270	R	10.4	2.00	101.	Alluvium
5270	R	16.4	2.00	101.	Alluvium
5450	Z	8.35	-	-	Tuff
5450	R	9.52	-	-	Tuff
5450	T	9.58	-	-	Tuff
5450	T	8.81	1.29	243.	Tuff
5450	Z	7.03	0.598	251.	Tuff
5450	R	6.75	1.23	162.	Tuff
6640	Z	3.38	-	-	Alluvium
6640	R	9.16	-	-	Alluvium
6640	T	5.08	-	-	Alluvium
6640	T	5.57	0.616	98.0	Alluvium
6640	Z	6.22	0.621	96.7	Alluvium
6640	R	8.77	2.06	103.	Alluvium

Event No. 2701	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
9300	Z	6.70	-	-	Alluvium
9300	R	14.1	-	-	Alluvium
9300	T	9.79	-	-	Alluvium
9300	T	8.67	2.50	-	Alluvium
9300	Z	5.70	1.16	-	Alluvium
9300	R	-	3.05	-	Alluvium
9820	Z	5.60	-	-	Alluvium
9820	R	6.59	-	-	Alluvium
9820	T	-	1.19	59.6	Alluvium
9820	Z	5.18	0.617	65.7	Alluvium
9820	R	-	1.55	101.	Alluvium
11620	Z	1.88	-	-	Alluvium
11620	R	4.19	-	-	Alluvium
11620	T	2.45	-	-	Alluvium
11620	T	-	1.12	54.4	Alluvium
11620	Z	-	0.198	54.1	Alluvium
11620	R	-	1.20	53.9	Alluvium
11860	Z	5.95	-	-	Alluvium
11860	R	7.03	-	-	Alluvium
11860	T	6.03	-	-	Alluvium
11860	T	4.42	1.02	82.6	Alluvium
11860	Z	5.85	0.614	117.	Alluvium
11860	R	6.13	1.60	108.	Alluvium
14580	T	-	0.798	14.1	Carbonate
14580	Z	-	0.119	14.9	Carbonate
14580	R	-	0.705	21.4	Carbonate

Event No. 2735	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
772	Z	14.7	-	-	Alluvium
772	R	16.2	-	-	Alluvium
772	T	11.9	-	-	Alluvium
772	T	-	1.23	255.	Alluvium
772	Z	-	1.61	258.	Alluvium
772	R	-	1.95	295.	Alluvium
1048	Z	10.2	-	-	Alluvium
1048	R	7.07	-	-	Alluvium
1048	T	7.80	-	-	Alluvium
1048	T	7.14	1.17	109.	Alluvium
1048	Z	8.06	0.510	132.	Alluvium
1048	R	6.54	0.880	156.	Alluvium
1465	Z	6.12	-	-	Alluvium
1465	R	15.2	-	-	Alluvium
1465	T	6.56	-	-	Alluvium
1465	T	6.97	0.901	215.	Alluvium
1465	Z	9.45	0.992	187.	Alluvium
1465	R	15.6	1.68	185.	Alluvium
5200	R	2.56	-	-	Alluvium
5200	T	3.18	-	-	Alluvium
5200	T	3.25	0.406	41.3	Alluvium
5200	Z	1.56	0.275	20.9	Alluvium
5200	R	2.71	0.413	23.1	Alluvium
5286	R	2.00	-	-	Alluvium
5286	T	1.68	-	-	Alluvium
5286	T	2.49	0.166	32.1	Alluvium
5286	Z	0.993	0.248	15.9	Alluvium
5286	R	3.23	0.238	58.9	Alluvium
6759	R	1.64	-	-	Alluvium
6759	T	2.10	-	-	Alluvium
6759	T	2.01	0.380	25.1	Alluvium
6759	Z	1.32	0.276	16.6	Alluvium
6759	R	1.60	0.262	18.0	Alluvium
7607	R	1.67	-	-	Alluvium
7607	T	1.81	-	-	Alluvium
7607	T	1.74	0.311	16.8	Alluvium
7607	Z	0.913	0.162	10.3	Alluvium
7607	R	1.54	0.280	19.1	Alluvium
8320	R	0.933	-	-	Alluvium
8320	T	1.08	-	-	Alluvium
8320	T	1.05	0.175	9.32	Alluvium
8320	Z	0.992	0.179	10.1	Alluvium

Event No.	Medium	Magnitude (mb)			
2735	Alluvium	-			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
8320	R	0.906	0.154	10.3	Alluvium
11368	Z	-	-	1.49	Quartzite
11368	R	-	0.00448	-	Quartzite
11368	R	-	-	2.67	Quartzite
11368	T	-	-	2.13	Quartzite
11724	R	0.176	-	-	Granite
11724	T	-	0.00835	1.50	Granite
11724	Z	-	0.00952	0.823	Granite
11724	R	-	0.0276	2.75	Granite

Event No. 2823	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
644	Z	-	-	6389.	Alluvium
644	R	-	-	3361.	Alluvium
644	T	-	-	3243.	Alluvium
661	Z	-	-	5409.	Alluvium
661	R	-	-	2567.	Alluvium
661	T	-	-	2224.	Alluvium
858	Z	-	-	1940.	Alluvium
858	R	-	-	1715.	Alluvium
858	T	-	-	1744.	Alluvium
936	Z	-	-	2087.	Alluvium
936	R	-	-	1156.	Alluvium
936	T	-	-	1166.	Alluvium
963	Z	-	-	2018.	Alluvium
963	R	-	-	1440.	Alluvium
963	T	-	-	1215.	Alluvium
1510	Z	-	-	3704.	Alluvium
1510	R	-	-	941.	Alluvium
1510	T	-	-	1146.	Alluvium
1600	Z	-	-	3116.	Alluvium
1600	R	-	-	1048.	Alluvium
1600	T	-	-	1381.	Alluvium
2800	Z	-	-	411.	Alluvium
2800	R	-	-	455.	Alluvium
2800	T	-	-	504.	Alluvium
2850	Z	-	0.596	513.	Alluvium
2850	R	-	6.11	446.	Alluvium
2850	T	-	3.94	452.	Alluvium
5530	Z	-	0.683	146.	Alluvium
5530	R	-	4.16	156.	Alluvium
5530	T	-	3.60	141.	Alluvium
7310	Z	-	1.04	61.1	Alluvium
7310	R	-	-	73.9	Alluvium
7310	T	-	-	49.7	Alluvium
7870	Z	-	-	2.24	Undetermined
7870	R	-	0.0723	2.06	Undetermined
7870	T	-	0.0800	2.04	Undetermined
12000	Z	-	0.104	11.1	Undetermined
12000	R	-	-	12.3	Undetermined
12000	T	-	0.532	12.1	Undetermined
15300	Z	-	-	8.42	Carbonate
15300	N-S	-	0.371	7.89	Carbonate
15300	E-W	-	0.620	8.99	Carbonate

Event No. 2823	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
15800	Z	-	-	14.9	Undetermined
15800	N-S	-	0.234	8.23	Undetermined
15800	E-W	-	-	12.1	Undetermined
16100	Z	-	0.167	8.21	Tuff
16100	N-S	-	0.641	7.54	Tuff
16100	E-W	-	0.447	6.00	Tuff
18200	Z	-	0.814	39.4	Alluvium
18200	N-S	-	-	23.4	Alluvium
18200	E-W	-	1.04	36.4	Alluvium
18200	Z	-	0.298	4.18	Tuff
18200	N-S	-	0.282	2.78	Tuff
18200	E-W	-	0.180	3.03	Tuff
33000	Z	-	-	4.24	Tuff
33000	R	-	0.564	3.63	Tuff
33000	T	-	0.643	3.03	Tuff
33500	N-S	0.610	0.128	4.22	Alluvium
33500	E-W	0.676	0.216	5.31	Alluvium
36400	Z	-	0.117	3.23	Alluvium
36400	N-S	-	0.222	4.01	Alluvium
36400	E-W	-	0.254	4.71	Alluvium
46000	Z	-	-	1.89	Carbonate
46000	R	-	0.0485	3.08	Carbonate
46000	T	-	0.0866	2.82	Carbonate
49600	Z	-	-	3.03	Alluvium
49600	N-S	-	0.0966	4.28	Alluvium
49600	E-W	-	0.112	4.16	Alluvium
49600	Z	0.184	0.0610	2.78	Alluvium
49600	R	0.223	0.0635	3.50	Alluvium
49600	T	0.310	0.0972	3.50	Alluvium
57000	Z	-	0.0903	-	Carbonate
57000	R	-	0.0913	-	Carbonate
57000	T	-	0.0525	2.20	Carbonate
69000	Z	-	-	3.17	Alluvium
69000	N-S	-	-	6.17	Alluvium
69000	E-W	-	0.0653	6.42	Alluvium
81000	Z	0.370	0.0611	3.54	Alluvium
81000	R	0.436	0.102	3.36	Alluvium
81000	T	0.298	0.0989	1.90	Alluvium
98000	Z	0.0584	0.0155	0.520	Alluvium
98000	R	0.0582	0.0158	0.580	Alluvium
98000	T	0.0618	0.0250	0.422	Alluvium
98000	Z	-	0.0236	-	Alluvium

Event No. 2823	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
98000	R	-	0.0260	-	Alluvium
98000	T	-	0.0215	-	Alluvium
114000	Z	0.184	0.0430	1.24	Alluvium
114000	R	0.177	0.0468	1.53	Alluvium
114000	T	0.238	0.0606	1.51	Alluvium
114000	Z	-	0.0323	-	Alluvium
114000	R	-	0.0350	-	Alluvium
114000	T	-	0.0586	-	Alluvium
126000	Z	-	0.129	2.34	Alluvium
126000	N-S	-	-	2.44	Alluvium
126000	E-W	-	0.0259	2.08	Alluvium
128000	R	-	0.195	7.31	Alluvium
128000	T	-	0.126	4.38	Alluvium
128000	Z	-	1.56	2.24	Alluvium
128000	R	-	0.480	11.5	Alluvium
128000	T	-	0.113	5.88	Alluvium
128000	Z	0.134	0.0366	1.89	Alluvium
128000	R	0.243	0.0698	1.42	Alluvium
128000	T	0.152	0.0534	0.968	Alluvium
128000	Z	0.124	0.0304	1.67	Alluvium
128000	R	0.229	0.0816	1.31	Alluvium
128000	T	0.245	0.103	1.59	Alluvium
129000	N-S	-	0.00585	-	Alluvium
129000	E-W	-	0.00344	-	Alluvium
129000	Z	-	-	2.49	Alluvium
129000	R	-	0.455	6.65	Alluvium
129000	T	-	0.206	9.57	Alluvium
129000	Z	-	0.0640	4.00	Alluvium
129000	R	-	0.137	5.35	Alluvium
129000	T	-	0.107	7.64	Alluvium
130000	N-S	0.158	0.0596	1.47	Alluvium
130000	E-W	0.168	0.0628	1.02	Alluvium
130000	N-S	0.170	0.0588	1.39	Alluvium
130000	E-W	0.152	0.0525	0.968	Alluvium
130000	Z	-	0.114	2.54	Alluvium
130000	N-S	-	0.142	8.33	Alluvium
130000	E-W	-	0.105	6.12	Alluvium
130000	Z	-	-	2.67	Alluvium
130000	N-S	-	0.267	8.27	Alluvium
130000	E-W	-	0.427	8.34	Alluvium
130000	Z	-	0.103	1.72	Alluvium

Event No. 2823	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
130000	R	-	0.107	5.98	Alluvium
130000	T	-	0.0955	8.56	Alluvium
130000	Z	-	0.1000	2.23	Alluvium
130000	N-S	-	0.0873	4.97	Alluvium
130000	E-W	-	0.0698	6.93	Alluvium
131000	N-S	0.137	0.0509	0.916	Alluvium
131000	E-W	0.156	0.0540	0.917	Alluvium
131000	Z	-	-	2.72	Alluvium
131000	N-S	-	0.214	3.43	Alluvium
131000	E-W	-	0.265	4.03	Alluvium
131000	Z	-	-	2.40	Alluvium
131000	Z	-	-	4.50	Alluvium
131000	N-S	-	0.115	-	Alluvium
131000	E-W	-	0.139	6.50	Alluvium
131000	Z	-	-	2.21	Alluvium
131000	N-S	-	0.194	5.76	Alluvium
131000	E-W	-	0.338	7.65	Alluvium
133000	Z	0.141	0.0272	2.19	Alluvium
133000	N-S	0.211	0.0678	1.34	Alluvium
133000	E-W	0.166	0.0625	0.823	Alluvium
133000	Z	-	0.0110	-	Alluvium
133000	R	-	0.0265	-	Alluvium
133000	T	-	0.0285	-	Alluvium
133000	N-S	-	0.00739	-	Alluvium
133000	E-W	-	0.00677	-	Alluvium
133000	Z	-	-	2.29	Alluvium
133000	N-S	-	0.0786	2.14	Alluvium
152000	Z	0.121	0.0177	1.67	Undetermined
152000	R	0.0843	0.0187	1.75	Undetermined
152000	T	0.0569	0.0149	1.27	Undetermined
152000	Z	0.101	0.0157	0.885	Andesite
152000	R	0.0829	0.0169	0.780	Andesite
152000	T	0.0486	0.0135	0.666	Andesite
152000	Z	-	-	1.90	Andesite
152000	N-S	-	0.0232	1.86	Andesite
152000	E-W	-	0.0732	1.91	Andesite

Event No. 2825	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
238	Z	42.7	-	-	Alluvium
300	R	16.0	-	-	Alluvium
363	R	43.2	-	-	Alluvium
683	R	21.2	-	-	Alluvium
1405	Z	4.54	-	-	Alluvium
1405	R	7.15	-	-	Alluvium
1405	T	3.44	-	-	Alluvium
1405	T	3.10	0.611	46.1	Alluvium
1405	Z	6.16	0.459	73.5	Alluvium
1405	R	6.55	1.24	74.1	Alluvium
2332	Z	4.22	-	-	Alluvium
2332	R	5.27	-	-	Alluvium
2332	T	2.74	-	-	Alluvium
2332	T	3.03	0.440	36.0	Alluvium
2332	Z	5.66	0.486	75.3	Alluvium
2332	R	6.99	0.811	87.8	Alluvium
4198	R	3.44	-	-	Alluvium
4198	T	1.95	-	-	Alluvium
4198	T	2.14	0.244	32.1	Alluvium
4198	Z	2.14	0.204	31.6	Alluvium
4198	R	3.43	0.551	28.4	Alluvium
7813	R	1.04	-	-	Alluvium
7813	T	1.41	-	-	Alluvium
7813	T	1.55	0.246	15.2	Alluvium
7813	Z	0.999	0.132	10.7	Alluvium
7813	R	1.09	0.242	13.6	Alluvium
9835	R	0.675	-	-	Alluvium
9835	T	1.01	-	-	Alluvium
9835	T	0.958	0.179	10.9	Alluvium
9835	Z	0.698	0.0215	6.09	Alluvium
9835	R	0.668	0.118	6.21	Alluvium
14088	R	0.919	-	-	Alluvium
14088	T	0.790	-	-	Alluvium
14088	T	0.647	0.0940	7.56	Alluvium
14088	Z	0.372	0.0943	4.66	Alluvium
14088	R	0.922	0.179	8.71	Alluvium
14425	R	0.312	-	-	Alluvium
14425	T	0.339	-	-	Alluvium
14425	T	0.675	0.0538	3.92	Alluvium
14425	Z	0.211	-	1.89	Alluvium
14425	R	0.372	0.0513	3.23	Alluvium
17061	R	-	0.0670	-	Alluvium

Event No. 2825	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
17061	T	-	0.0778	-	Alluvium
19156	Z	-	-	1.12	Quartzite
19156	R	-	0.00207	0.614	Quartzite
19156	T	-	-	0.582	Quartzite
20458	R	-	0.00640	-	Granite
20458	T	-	0.0133	-	Granite

Event No. 2855	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
13200	Z	-	-	4.21	Undetermined
13200	N-S	-	0.118	5.60	Undetermined
13200	E-W	-	0.0653	4.06	Undetermined
20500	Z	-	-	1.69	Carbonate
20500	N-S	-	0.0939	3.19	Carbonate
20500	E-W	-	0.0879	2.79	Carbonate
37000	Z	0.0870	-	-	Alluvium
37000	N-S	0.134	-	-	Alluvium
37000	E-W	0.0936	-	-	Alluvium
132500	N-S	-	0.0551	3.01	Alluvium
132500	E-W	-	0.0239	1.16	Alluvium
133000	N-S	-	0.00197	-	Alluvium
133000	E-W	-	0.00159	-	Alluvium
134000	Z	0.0161	-	-	Alluvium
134000	Z	0.0138	-	-	Alluvium
134000	Z	0.0206	-	-	Alluvium
134000	N-S	0.0206	-	-	Alluvium
134000	N-S	0.0184	-	-	Alluvium
134000	N-S	0.0343	-	-	Alluvium
134000	E-W	0.0221	-	-	Alluvium
134000	E-W	0.0217	-	-	Alluvium
134000	E-W	0.0268	-	-	Alluvium
134000	N-S	-	0.0541	1.75	Alluvium
134000	E-W	-	0.0380	-	Alluvium
135000	N-S	-	-	2.30	Alluvium
135000	E-W	-	0.0138	2.16	Alluvium
138000	Z	-	0.0146	-	Alluvium
138000	N-S	-	0.00300	-	Alluvium
138000	E-W	-	0.0371	-	Alluvium

Event No. 2890	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
134000	N-S	0.00665	-	-	Alluvium
134000	E-W	0.00558	-	-	Alluvium
137000	Z	0.00367	-	-	Alluvium
137000	N-S	0.00579	-	-	Alluvium
137000	E-W	0.00652	-	-	Alluvium
140000	Z	-	0.00144	-	Alluvium
140000	N-S	-	0.00590	-	Alluvium
140000	E-W	-	0.00560	-	Alluvium
140000	N-S	-	0.000600	-	Alluvium
140000	E-W	-	0.000428	-	Alluvium

Event No. 2989	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
895	Z	-	0.334	144.	Alluvium
895	R	-	0.452	120.	Alluvium
895	T	-	0.264	174.	Alluvium
963	Z	-	0.802	132.	Alluvium
963	R	-	0.426	135.	Alluvium
963	T	-	0.455	126.	Alluvium
1620	Z	-	0.734	88.7	Alluvium
1620	R	-	0.341	67.0	Alluvium
1620	T	-	0.226	76.9	Alluvium
3900	Z	-	0.0835	10.4	Alluvium
3900	R	-	0.0524	14.7	Alluvium
3900	T	-	0.0668	9.78	Alluvium
4720	Z	-	0.117	13.2	Alluvium
4720	R	-	0.0944	17.9	Alluvium
4720	T	-	0.129	18.6	Alluvium
11600	Z	-	-	0.939	Granite
11600	R	-	-	1.26	Granite
11600	T	-	-	0.975	Granite

Event No. 3098	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
774	Z	-	0.206	122.	Alluvium
774	R	-	0.168	103.	Alluvium
774	T	-	0.179	90.9	Alluvium
1849	Z	-	0.102	38.5	Alluvium
1849	R	-	0.0930	65.2	Alluvium
1849	T	-	0.148	79.4	Alluvium
4090	Z	-	-	5.95	Alluvium
4090	R	-	0.0231	10.4	Alluvium
4090	T	-	0.0224	8.41	Alluvium
5136	Z	-	0.0685	7.69	Alluvium
5136	R	-	0.0476	13.9	Alluvium
5136	T	-	0.0284	10.7	Alluvium
5136	Z	-	0.183	9.89	Alluvium
5136	R	-	0.0469	12.6	Alluvium
5136	T	-	0.0453	7.08	Alluvium
6920	Z	-	-	1.75	Quartzite
6920	R	-	0.00881	2.07	Quartzite
6920	T	-	-	1.75	Quartzite
7175	Z	-	-	2.51	Alluvium
7175	R	-	0.0181	2.64	Alluvium
7175	T	-	0.0197	3.21	Alluvium
7428	Z	-	-	0.631	Granite
7428	R	-	-	1.05	Granite
7428	T	-	0.00577	1.33	Granite

Event No. 3111	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
9372	Z	-	0.0779	6.39	Carbonate
9372	R	-	0.112	5.16	Carbonate
9372	T	-	0.135	5.41	Carbonate
11390	Z	-	0.0561	7.64	Alluvium
11390	R	-	0.159	14.1	Alluvium
11390	T	-	0.136	12.7	Alluvium
26570	Z	-	-	2.68	Tuff
26570	R	-	-	2.54	Tuff
26570	T	-	0.136	2.45	Tuff
42140	Z	0.0757	-	-	Alluvium
42140	R	0.0841	-	-	Alluvium
42140	T	0.0841	-	-	Alluvium
47090	Z	0.0309	-	-	Rhyolite
47090	R	0.0358	-	-	Rhyolite
47090	T	0.0350	-	-	Rhyolite
68510	Z	0.0580	-	-	Alluvium
68510	R	0.0950	-	-	Alluvium
68510	T	0.0715	-	-	Alluvium
74170	T	0.0800	0.0170	1.19	Alluvium
74170	Z	0.0569	0.0168	1.66	Alluvium
74170	R	0.0898	0.0203	2.10	Alluvium
108000	T	0.0460	0.00624	0.702	Alluvium
108000	Z	0.0270	0.00525	0.599	Alluvium
108000	R	0.0306	0.00950	0.804	Alluvium
111000	T	0.101	0.0202	0.872	Alluvium
111000	Z	0.0508	0.0102	1.11	Alluvium
111000	R	0.0554	0.0124	0.732	Alluvium
133100	T	0.111	0.0211	1.11	Alluvium
133100	Z	0.0456	0.00505	1.21	Alluvium
133100	R	0.144	0.0182	1.30	Alluvium
145300	T	0.0354	0.00672	0.419	Undetermined
145300	R	0.0348	0.00777	0.536	Undetermined

Event No. 3159	Medium Rhyolite	Magnitude (mb) 6.0			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
48000	R	1.02	-	-	Alluvium
48000	T	0.840	-	-	Alluvium
48000	Z	0.600	-	-	Alluvium
109000	R	1.09	-	-	Alluvium
109000	T	0.960	-	-	Alluvium
109000	Z	0.580	-	-	Alluvium
112000	R	0.540	-	-	Alluvium
112000	T	0.820	-	-	Alluvium
112000	Z	0.650	-	-	Alluvium
116000	R	0.270	-	-	Alluvium
116000	T	0.290	-	-	Alluvium
116000	Z	0.420	-	-	Alluvium
116000	R	0.220	-	-	Andesite
116000	T	0.290	-	-	Andesite
116000	Z	0.460	-	-	Andesite
121000	R	0.450	-	-	Alluvium
121000	T	0.460	-	-	Alluvium
121000	Z	0.510	-	-	Alluvium
155000	N-S	0.520	-	-	Alluvium
155000	Z	0.500	-	-	Alluvium
156000	N-S	0.290	-	-	Alluvium
156000	E-W	0.370	-	-	Alluvium
156000	Z	0.300	-	-	Alluvium
162000	E-W	0.840	-	-	Alluvium
162000	Z	0.370	-	-	Alluvium
165000	R	0.520	-	-	Alluvium
165000	T	0.590	-	-	Alluvium
165000	Z	0.590	-	-	Alluvium
168000	N-S	0.840	-	-	Alluvium
168000	E-W	0.690	-	-	Alluvium
168000	Z	0.510	-	-	Alluvium
169000	N-S	0.730	-	-	Alluvium
169000	E-W	0.560	-	-	Alluvium
169000	Z	0.420	-	-	Alluvium
170000	N-S	0.320	-	-	Alluvium
170000	E-W	0.310	-	-	Alluvium
170000	Z	0.270	-	-	Alluvium

Event No. 3212	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
51000	R	2.61	-	-	Alluvium
51000	T	1.55	-	-	Alluvium
51000	Z	2.24	-	-	Alluvium
103000	R	1.38	-	-	Alluvium
103000	T	1.30	-	-	Alluvium
103000	Z	0.750	-	-	Alluvium
108000	R	0.380	-	-	Andesite
108000	T	0.630	-	-	Andesite
108000	Z	0.740	-	-	Andesite
108000	R	0.450	-	-	Alluvium
108000	T	0.510	-	-	Alluvium
108000	Z	0.890	-	-	Alluvium
116000	R	1.95	-	-	Alluvium
116000	T	1.04	-	-	Alluvium
116000	Z	1.26	-	-	Alluvium
130000	R	1.28	-	-	Alluvium
130000	T	1.31	-	-	Alluvium
130000	Z	0.880	-	-	Alluvium
163000	N-S	0.880	-	-	Alluvium
163000	E-W	0.820	-	-	Alluvium
163000	Z	0.650	-	-	Alluvium
164000	N-S	0.690	-	-	Alluvium
164000	E-W	0.460	-	-	Alluvium
164000	Z	0.530	-	-	Alluvium
170000	N-S	0.920	-	-	Alluvium
170000	E-W	1.09	-	-	Alluvium
170000	Z	0.650	-	-	Alluvium
173000	R	1.50	-	-	Alluvium
173000	T	1.66	-	-	Alluvium
173000	Z	0.800	-	-	Alluvium
174000	N-S	1.63	-	-	Alluvium
174000	E-W	2.71	-	-	Alluvium
174000	Z	0.840	-	-	Alluvium
177000	N-S	1.74	-	-	Alluvium
177000	E-W	1.30	-	-	Alluvium
177000	Z	1.26	-	-	Alluvium
178000	N-S	0.710	-	-	Alluvium
178000	E-W	0.840	-	-	Alluvium
178000	Z	0.570	-	-	Alluvium

Event No. 3605	Medium Tuff	Magnitude (mb) 4.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
8490	Z	1.35	-	-	Alluvium
8490	R	1.31	-	-	Alluvium
8490	T	1.29	-	-	Alluvium
8490	R	1.73	-	-	Alluvium
8490	T	1.11	-	-	Alluvium
8490	Z	1.23	-	-	Alluvium
8490	R	1.03	-	-	Alluvium
8490	T	1.20	-	-	Alluvium
20900	Z	0.244	-	-	Carbonate
20900	R	0.223	-	-	Carbonate
20900	T	0.223	-	-	Carbonate
40960	Z	0.0952	-	-	Alluvium
40960	R	0.141	-	-	Alluvium
40960	T	0.162	-	-	Alluvium
43040	Z	0.140	-	-	Alluvium
43040	R	0.201	-	-	Alluvium
43040	T	0.208	-	-	Alluvium
51430	Z	0.0440	-	-	Alluvium
51430	R	0.0616	-	-	Alluvium
51430	T	0.0593	-	-	Alluvium
71450	Z	0.0312	-	-	Undetermined
71450	T	0.0312	-	-	Undetermined
81820	Z	0.0221	-	-	Alluvium
81820	R	0.0442	-	-	Alluvium
81820	T	0.0475	-	-	Alluvium
83690	Z	0.0344	-	-	Tuff
83690	R	0.0398	-	-	Tuff
83690	T	0.0332	-	-	Tuff
83690	Z	0.0247	-	-	Alluvium
83690	R	0.0550	-	-	Alluvium
83690	T	0.0660	-	-	Alluvium
104260	Z	0.0127	-	-	Alluvium
104260	R	0.0173	-	-	Alluvium
104260	T	0.0163	-	-	Alluvium
124580	Z	0.0520	-	-	Undetermined
124580	R	0.0570	-	-	Undetermined
124580	T	0.0453	-	-	Undetermined
139360	Z	0.0289	-	-	Alluvium
139360	N-S	0.0433	-	-	Alluvium
139360	E-W	0.0418	-	-	Alluvium
139360	Z	0.0243	-	-	Alluvium
139360	N-S	0.0456	-	-	Alluvium

Event No. 3605	Medium Tuff	Magnitude (mb) 4.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
139360	E-W	0.0414	-	-	Alluvium
147260	Z	0.0209	-	-	Alluvium
147260	R	0.0253	-	-	Alluvium
147260	T	0.0187	-	-	Alluvium
147400	Z	0.0141	-	-	Undetermined
147400	N-S	0.0157	-	-	Undetermined
147400	E-W	0.0164	-	-	Undetermined
147400	Z	0.0201	-	-	Undetermined
147400	R	0.0161	-	-	Undetermined
147400	T	0.0137	-	-	Undetermined
147400	Z	0.0182	-	-	Undetermined
147400	R	0.0182	-	-	Undetermined
147400	T	0.0159	-	-	Undetermined
147400	Z	0.0165	-	-	Undetermined
147400	R	0.0165	-	-	Undetermined
147400	T	0.0186	-	-	Undetermined
147400	Z	0.0770	-	-	Undetermined
147400	R	0.0866	-	-	Undetermined
147400	T	0.0817	-	-	Undetermined
147400	Z	0.0781	-	-	Undetermined
147400	T	0.0773	-	-	Undetermined
147400	Z	0.0185	-	-	Undetermined
147400	R	0.0220	-	-	Undetermined
147400	T	0.0213	-	-	Undetermined
147400	Z	0.0174	-	-	Andesite
147400	R	0.0149	-	-	Andesite
147400	T	0.0183	-	-	Andesite
147400	Z	0.0164	-	-	Andesite
147400	N-S	0.0172	-	-	Andesite
147400	E-W	0.0142	-	-	Andesite
147400	Z	0.00448	-	-	Andesite
147400	R	0.0205	-	-	Andesite
147400	T	0.0185	-	-	Andesite

Event No. 3671	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
164	Z	-	-	132.	Alluvium
164	Z	91.4	-	-	Alluvium
183	Z	-	-	980.	Alluvium
233	Z	-	-	490.	Alluvium
233	R	35.0	-	-	Alluvium
371	Z	-	-	215.	Alluvium
371	R	16.2	-	-	Alluvium
1344	Z	4.29	-	-	Alluvium
1344	R	3.14	-	-	Alluvium
1344	T	3.19	0.201	55.2	Alluvium
1344	Z	4.57	0.341	61.3	Alluvium
1344	R	4.19	0.536	73.7	Alluvium
2240	R	3.00	-	-	Alluvium
2240	T	2.28	-	-	Alluvium
2240	T	2.29	0.196	43.1	Alluvium
2240	Z	2.28	0.244	42.1	Alluvium
2240	R	2.92	0.466	44.8	Alluvium
3836	R	0.455	-	-	Alluvium
3836	T	0.259	-	-	Alluvium
3836	T	0.331	0.0301	5.88	Alluvium
3836	Z	0.363	0.0707	6.44	Alluvium
3836	R	0.407	0.0691	4.73	Alluvium
5223	R	0.343	-	-	Alluvium
5223	T	0.371	-	-	Alluvium
5223	T	-	0.0330	6.23	Alluvium
5223	Z	0.216	-	4.17	Alluvium
5223	R	0.288	0.0332	5.47	Alluvium
7646	Z	-	-	3.11	Alluvium
7646	R	-	0.0953	4.90	Alluvium
7646	T	-	0.0299	5.72	Alluvium
13864	R	0.376	-	-	Alluvium
13864	T	0.312	-	-	Alluvium
13864	T	0.291	0.0391	3.56	Alluvium
13864	Z	-	0.0217	2.20	Alluvium
13864	R	0.344	0.0673	4.65	Alluvium

Event No.	Medium	Magnitude (mb)			
3919	Alluvium	-			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1238	Z	-	0.857	83.1	Alluvium
1238	R	-	1.51	212.	Alluvium
1238	T	-	0.346	142.	Alluvium
1423	Z	-	0.341	82.0	Alluvium
1423	R	-	1.23	131.	Alluvium
1423	T	-	0.420	112.	Alluvium
2484	Z	-	0.585	20.3	Alluvium
2484	R	-	0.780	92.2	Alluvium
2484	T	-	0.440	44.1	Alluvium
5700	Z	-	0.149	10.1	Alluvium
5700	R	-	0.0795	11.9	Alluvium
5700	T	-	0.220	15.0	Alluvium
8071	R	-	0.186	10.1	Alluvium
8071	T	-	0.118	7.49	Alluvium
10360	Z	-	-	1.26	Quartzite
10360	R	-	0.0255	1.47	Quartzite
10360	T	-	0.0177	2.61	Quartzite
10982	Z	-	0.0956	4.48	Alluvium
10982	R	-	0.178	7.30	Alluvium
10982	T	-	0.203	6.92	Alluvium
11948	R	-	0.0117	-	Granite
11948	T	-	0.0122	-	Granite
12315	R	-	0.0132	-	Quartzite
12315	T	-	0.0186	-	Quartzite

Event No. 3962	Medium Alluvium	Magnitude (mb) 4.8			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
9060	Z	-	-	4.65	Undetermine
9060	N-S	-	0.0502	4.11	Undetermine
9060	E-W	-	0.0675	3.48	Undetermine
41200	N-S	-	0.0166	2.02	Tuff
41200	E-W	-	0.0301	2.44	Tuff
136500	N-S	-	0.0529	4.36	Alluvium
136500	E-W	-	0.0394	2.62	Alluvium
137000	Z	-	0.00243	-	Alluvium
137000	N-S	-	0.00256	-	Alluvium
137000	E-W	-	0.00294	-	Alluvium
139000	N-S	-	0.0227	2.45	Alluvium
139000	E-W	-	0.0138	2.16	Alluvium

Event No. 4070	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
451	R	-	0.720	559.	Alluvium
451	Z	-	2.00	694.	Alluvium
451	T	-	1.75	520.	Alluvium
1078	R	-	0.663	102.	Alluvium
1078	Z	-	0.226	255.	Alluvium
1078	T	-	0.333	138.	Alluvium
2225	R	-	0.439	132.	Alluvium
2225	Z	-	-	127.	Alluvium
2225	T	-	0.213	99.9	Alluvium
3594	R	-	0.0637	12.2	Alluvium
3594	Z	-	-	14.3	Alluvium
3594	T	-	0.0722	10.6	Alluvium
5781	R	-	0.0818	9.16	Alluvium
5781	Z	-	-	9.21	Alluvium
5781	T	-	0.0916	12.7	Alluvium
7170	R	-	0.00693	1.24	Alluvium
7170	Z	-	0.0156	1.20	Alluvium
7170	T	-	0.00240	1.25	Alluvium
12410	R	-	0.00470	-	Granite
12410	T	-	0.00317	-	Granite

Event No. 4081	Medium Tuff	Magnitude (mb) 6.0			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
164000	N-S	0.410	-	-	Alluvium
164000	E-W	0.410	-	-	Alluvium
164000	Z	0.420	-	-	Alluvium
166000	R	0.530	-	-	Alluvium
166000	T	0.540	-	-	Alluvium
166000	Z	0.350	-	-	Alluvium
167000	E-W	0.410	-	-	Alluvium
168000	N-S	0.530	-	-	Alluvium
168000	Z	0.290	-	-	Alluvium
170000	N-S	0.250	-	-	Alluvium
170000	E-W	0.270	-	-	Alluvium
170000	Z	0.200	-	-	Alluvium
171000	N-S	0.290	-	-	Alluvium
171000	E-W	0.360	-	-	Alluvium
171000	Z	0.290	-	-	Alluvium

Event No. 4114	Medium Rhyolite	Magnitude (mb) 6.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
63000	R	0.720	-	-	Alluvium
63000	T	0.550	-	-	Alluvium
63000	Z	0.480	-	-	Alluvium
113000	R	0.380	-	-	Andesite
113000	T	0.340	-	-	Andesite
113000	Z	0.910	-	-	Andesite
113000	R	0.330	-	-	Alluvium
113000	T	0.380	-	-	Alluvium
113000	Z	1.06	-	-	Alluvium
131000	R	0.510	-	-	Alluvium
131000	R	0.320	-	-	Alluvium
131000	Z	0.760	-	-	Alluvium
159000	N-S	0.240	-	-	Alluvium
159000	E-W	0.350	-	-	Alluvium
159000	Z	0.1000	-	-	Alluvium
168000	R	0.510	-	-	Alluvium
168000	T	0.420	-	-	Alluvium
168000	Z	0.310	-	-	Alluvium
169000	N-S	0.480	-	-	Alluvium
169000	E-W	0.280	-	-	Alluvium
169000	Z	0.290	-	-	Alluvium
169000	N-S	0.460	-	-	Alluvium
169000	E-W	0.570	-	-	Alluvium
169000	Z	0.370	-	-	Alluvium
171000	N-S	0.610	-	-	Alluvium
171000	E-W	0.430	-	-	Alluvium
171000	Z	0.440	-	-	Alluvium
173000	N-S	0.230	-	-	Alluvium
173000	E-W	0.250	-	-	Alluvium
173000	Z	0.290	-	-	Alluvium
393000	R	0.0200	-	-	Granite
393000	T	0.0200	-	-	Granite
393000	Z	0.0200	-	-	Granite

Event No. 4156	Medium Tuff	Magnitude (mb) 4.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
40700	R	0.101	-	-	Alluvium
40700	T	0.118	-	-	Alluvium
64500	Z	0.0358	-	-	Undetermined
64500	R	0.0500	-	-	Undetermined
64500	T	0.0426	-	-	Undetermined
126200	Z	0.0222	-	-	Alluvium
126200	R	0.0416	-	-	Alluvium
126200	T	0.0437	-	-	Alluvium
126200	Z	0.0202	-	-	Alluvium
126200	R	0.0398	-	-	Alluvium
126200	T	0.0439	-	-	Alluvium
132300	Z	0.0211	-	-	Alluvium
132300	N-S	0.0396	-	-	Alluvium
132300	E-W	0.0249	-	-	Alluvium

Event No. 4193	Medium Alluvium	Magnitude (mb) 3.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1349	R	87.4	-	-	Alluvium
1349	T	136.	-	-	Alluvium
1349	T	94.0	9.62	2626.	Alluvium
1349	Z	41.5	-	989.	Alluvium
1349	R	71.1	8.04	2499.	Alluvium
1980	R	17.0	-	-	Alluvium
1980	T	7.97	-	-	Alluvium
1980	T	6.59	0.640	142.	Alluvium
1980	Z	8.27	0.495	144.	Alluvium
1980	R	17.0	1.90	360.	Alluvium
4542	Z	3.65	-	-	Alluvium
4542	R	6.87	-	-	Alluvium
4542	T	0.861	-	-	Alluvium
4542	T	5.22	0.667	79.3	Alluvium
4542	Z	1.94	0.281	4.48	Alluvium
4542	R	4.03	0.632	90.4	Alluvium
4968	R	1.85	-	-	Alluvium
4968	T	2.07	-	-	Alluvium
4968	T	2.54	0.271	36.6	Alluvium
4968	Z	1.29	-	24.0	Alluvium
4968	R	1.86	0.139	34.0	Alluvium
5852	R	2.36	-	-	Alluvium
5852	T	2.77	-	-	Alluvium
5852	T	3.27	0.500	46.2	Alluvium
5852	Z	1.35	0.171	17.1	Alluvium
5852	R	3.08	0.340	42.6	Alluvium
7436	Z	-	0.113	19.0	Alluvium
7436	R	-	0.338	25.8	Alluvium
7436	T	-	0.462	30.4	Alluvium
7559	Z	1.38	-	-	Alluvium
7559	R	1.36	-	-	Alluvium
7559	T	1.25	-	-	Alluvium
7559	T	1.17	0.200	12.2	Alluvium
7559	Z	1.39	0.263	13.9	Alluvium
7559	R	1.24	0.221	14.9	Alluvium
8320	R	1.07	-	-	Alluvium
8320	T	1.12	-	-	Alluvium
8320	T	1.49	0.191	21.5	Alluvium
8320	Z	0.811	-	11.6	Alluvium
8320	R	1.44	0.119	17.8	Alluvium
10910	T	0.137	-	3.88	Quartzite
10910	Z	0.0864	-	3.00	Quartzite

Event No. 4193	Medium Alluvium	Magnitude (mb) 3.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
10910	R	0.138	0.00684	4.31	Quartzite
11000	Z	0.333	-	-	Granite
11000	R	0.234	-	-	Granite
11000	T	0.190	-	-	Granite
11000	T	-	0.0373	2.21	Granite
11000	Z	-	-	1.65	Granite
11000	R	-	0.0265	4.01	Granite

Event No. 4458	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
141000	Z	-	0.000165	-	Alluvium
141000	N-S	-	0.000374	-	Alluvium
141000	E-W	-	0.000434	-	Alluvium
141000	N-S	-	0.000557	-	Alluvium
141000	E-W	-	0.000371	-	Alluvium

Event No. 4578	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
591	Z	-	-	1646.	Alluvium
591	T	-	-	808.	Alluvium
591	R	-	-	1470.	Alluvium
1130	T	-	3.38	511.	Alluvium
1130	Z	-	3.98	243.	Alluvium
1130	R	-	9.84	548.	Alluvium
2292	T	-	1.52	146.	Alluvium
2292	Z	-	1.78	164.	Alluvium
2292	R	-	2.51	198.	Alluvium
2355	T	-	0.130	149.	Alluvium
2355	Z	-	0.223	147.	Alluvium
2355	R	-	0.346	188.	Alluvium
3550	T	-	1.27	194.	Alluvium
3550	Z	-	0.927	84.3	Alluvium
3550	R	-	2.13	169.	Alluvium
5047	T	-	0.936	40.8	Alluvium
5047	Z	-	0.618	36.3	Alluvium
5047	R	-	0.618	30.5	Alluvium
7283	T	-	0.495	19.1	Alluvium
7283	Z	-	0.496	21.8	Alluvium
7283	R	-	1.07	20.8	Alluvium
8362	T	-	0.476	17.1	Alluvium
8362	Z	-	0.317	12.0	Alluvium
8362	R	-	0.595	19.5	Alluvium
9590	T	-	0.254	10.2	Alluvium
9590	Z	-	0.109	10.4	Alluvium
9590	R	-	0.541	12.8	Alluvium
11171	T	-	0.0826	5.82	Quartzite
11171	Z	-	-	4.69	Quartzite
11171	R	-	0.110	4.44	Quartzite
12854	Z	-	-	3.58	Quartzite
12854	T	-	0.0833	3.20	Quartzite
12854	R	-	0.0713	3.92	Quartzite
12990	T	-	0.0881	2.73	Granite
12990	Z	-	-	1.87	Granite
12990	R	-	0.0870	3.09	Granite
18966	T	-	0.855	5.42	Alluvium
18966	Z	-	-	5.47	Alluvium
18966	R	-	-	4.82	Alluvium

Event No. 4598	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
362	Z	125.	-	2254.	Alluvium
406	Z	-	-	1960.	Alluvium
515	R	18.9	-	-	Alluvium
816	Z	-	-	392.	Alluvium
816	R	12.2	-	-	Alluvium
1680	R	13.1	-	-	Alluvium
1680	T	4.68	-	-	Alluvium
1680	T	5.45	0.469	124.	Alluvium
1680	Z	5.25	-	121.	Alluvium
1680	R	14.1	1.14	179.	Alluvium
2540	Z	6.29	-	-	Alluvium
2540	R	5.01	-	-	Alluvium
2540	T	3.55	-	-	Alluvium
2540	T	4.16	0.381	81.6	Alluvium
2540	Z	6.68	0.625	100.	Alluvium
2540	R	5.83	0.678	105.	Alluvium
4450	R	2.63	-	-	Alluvium
4450	T	2.74	-	-	Alluvium
4450	T	1.87	0.394	22.6	Alluvium
4450	Z	1.57	-	24.5	Alluvium
4450	R	1.78	0.556	27.8	Alluvium
8140	Z	1.05	-	-	Alluvium
8140	R	1.88	-	-	Alluvium
8140	T	1.45	-	-	Alluvium
8140	T	1.35	0.277	17.4	Alluvium
8140	Z	1.25	0.173	14.1	Alluvium
8140	R	1.28	0.297	19.6	Alluvium
10500	R	0.362	-	-	Alluvium
10500	T	0.437	-	-	Alluvium
10500	T	0.814	0.0813	8.90	Alluvium
10500	Z	0.709	-	10.7	Alluvium
10500	R	0.688	0.0679	7.39	Alluvium
14420	R	0.829	-	-	Alluvium
14420	T	0.854	-	-	Alluvium
14420	T	0.687	0.110	6.57	Alluvium
14420	Z	0.297	0.120	5.39	Alluvium
14420	R	0.896	0.144	10.1	Alluvium
14800	R	0.287	-	-	Alluvium
14800	T	0.485	-	-	Alluvium
14800	T	0.472	0.0685	6.00	Alluvium
14800	Z	0.232	-	4.24	Alluvium
14800	R	-	0.0282	-	Alluvium

Event No.	Medium	Magnitude (mb)			
4598	Alluvium	-			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
17220	R	0.131	-	-	Alluvium
17220	T	0.298	-	-	Alluvium
17220	T	0.349	0.0736	4.38	Alluvium
17220	Z	0.389	-	2.62	Alluvium
17220	R	0.211	0.0449	3.63	Alluvium
19350	R	0.0420	-	-	Quartzite
19350	R	-	0.00370	-	Quartzite

Event No. 4619	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
708	Z	-	0.627	179.	Alluvium
708	R	-	1.55	242.	Alluvium
708	T	-	0.518	358.	Alluvium
940	Z	-	0.527	179.	Alluvium
940	R	-	0.377	141.	Alluvium
940	T	-	0.742	93.2	Alluvium
1686	Z	-	0.580	77.2	Alluvium
1686	R	-	-	158.	Alluvium
1686	T	-	0.270	93.0	Alluvium
1704	Z	-	0.626	50.7	Alluvium
1704	R	-	0.400	79.8	Alluvium
1704	T	-	0.434	70.0	Alluvium
1943	Z	-	0.397	46.7	Alluvium
1943	R	-	0.276	52.0	Alluvium
1943	T	-	0.310	54.0	Alluvium
3535	Z	-	0.127	14.1	Alluvium
3535	R	-	0.153	52.7	Alluvium
3535	T	-	0.174	28.9	Alluvium
4256	Z	-	0.195	18.8	Alluvium
4256	R	-	0.258	28.5	Alluvium
4256	T	-	0.124	22.1	Alluvium
4702	Z	-	0.127	16.7	Alluvium
4702	R	-	-	42.2	Alluvium
4702	T	-	0.230	42.6	Alluvium
5621	Z	-	0.0710	10.2	Alluvium
5621	R	-	0.0975	11.6	Alluvium
5621	T	-	0.128	13.1	Alluvium

Event No. 4749	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1141	Z	-	0.300	92.5	Alluvium
1141	R	-	1.17	84.1	Alluvium
1141	T	-	0.370	66.7	Alluvium
2032	Z	-	0.0849	101.	Alluvium
2032	R	-	0.883	153.	Alluvium
2032	T	-	0.379	88.5	Alluvium
4779	Z	-	0.0314	1.68	Alluvium
4779	R	-	0.0406	6.57	Alluvium
4779	T	-	-	7.16	Alluvium
6148	Z	-	0.0261	2.31	Alluvium
6148	R	-	0.0301	3.10	Alluvium
6148	T	-	0.0244	2.26	Alluvium
8275	Z	-	-	3.64	Alluvium
8275	R	-	0.0522	4.41	Alluvium
8275	T	-	0.0373	4.53	Alluvium
12721	Z	-	-	0.689	Alluvium
12721	R	-	0.0217	0.753	Alluvium
12721	T	-	0.0174	0.733	Alluvium
14359	Z	-	0.0103	-	Alluvium
14359	R	-	0.0278	-	Alluvium
14359	T	-	0.0368	-	Alluvium
15570	Z	-	-	1.30	Alluvium
15570	R	-	0.0205	2.37	Alluvium
15570	T	-	0.0234	2.73	Alluvium
19293	Z	-	-	0.710	Quartzite
19293	R	-	-	0.359	Quartzite
19293	T	-	-	0.389	Quartzite
20289	R	-	0.00392	-	Granite
20289	T	-	0.00236	-	Granite

Event No. 4771	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
51000	Z	0.00690	0.000831	0.122	Tuff
51000	R	0.00704	0.00107	0.128	Tuff
51000	T	0.00932	0.00110	0.172	Tuff
57000	Z	0.00520	0.000794	0.0763	Tuff
57000	R	0.00768	0.000801	0.103	Tuff
57000	T	0.00708	0.00102	0.106	Tuff
64500	Z	0.00318	0.000629	0.0442	Tuff
64500	R	0.00560	0.000518	0.0989	Tuff
64500	T	0.00370	0.000509	0.0573	Tuff
66000	Z	0.00147	0.000245	0.0312	Tuff
66000	R	0.00209	0.000270	0.0364	Tuff
66000	T	0.00218	0.000367	0.0378	Tuff
82000	Z	0.00176	0.000445	0.0308	Tuff
82000	R	0.00357	0.000378	0.0506	Tuff
82000	T	0.00278	0.000490	0.0388	Tuff
113000	Z	0.00230	0.000236	0.0338	Tuff
113000	R	0.00211	0.000251	0.0321	Tuff
113000	T	0.00200	0.000262	0.0329	Tuff
158000	Z	0.00135	0.000146	0.0194	Andesite
158000	R	0.00233	0.000336	0.0336	Andesite
158000	T	0.00207	0.000280	0.0317	Andesite
158000	Z	0.00171	0.000146	0.0213	Alluvium
158000	R	0.00290	0.000358	0.0515	Alluvium
158000	T	0.00222	0.000255	0.0329	Alluvium

Event No. 4926	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
9818	Z	-	-	1.88	Undetermined
9818	N-S	-	0.0174	2.13	Undetermined
9818	E-W	-	0.0173	2.07	Undetermined
69000	Z	0.00596	0.000984	-	Alluvium
69000	R	0.0150	0.00150	-	Alluvium
69000	T	0.0171	0.00104	-	Alluvium
69000	R	0.00477	0.00145	-	Tuff
69000	T	0.00447	0.00159	-	Tuff
89000	R	0.0119	0.00277	-	Alluvium
89000	T	0.0143	0.00202	-	Alluvium
122000	Z	0.00755	0.00135	-	Alluvium
122000	R	0.0108	0.00147	-	Alluvium
122000	T	0.0105	0.00156	-	Alluvium
135000	N-S	-	0.000500	-	Alluvium
135000	E-W	-	0.000343	-	Alluvium
135500	R	0.0103	0.00187	-	Alluvium
135500	T	0.0102	0.00202	-	Alluvium
136000	Z	0.00435	0.00120	-	Alluvium
136000	R	0.00730	0.00195	-	Alluvium
136000	T	0.00782	0.00173	-	Alluvium
136000	Z	0.00407	0.00120	-	Alluvium
136000	R	0.00806	0.00258	-	Alluvium
136000	T	0.00787	0.00201	-	Alluvium
136500	Z	0.00801	-	-	Alluvium
136500	R	0.0123	-	-	Alluvium
136500	T	0.00917	-	-	Alluvium
141000	N-S	-	0.000422	-	Alluvium
141000	E-W	-	0.000466	-	Alluvium
147000	Z	0.00538	0.00176	-	Alluvium
147000	T	0.00564	0.000710	-	Alluvium
147000	Z	0.00304	0.000434	-	Andesite
147000	R	0.00364	0.000390	-	Andesite
147000	T	0.00365	0.000499	-	Andesite

Event No. 5024	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1600	Z	-	0.504	47.4	Alluvium
1600	R	-	0.798	137.	Alluvium
1600	T	-	0.447	85.2	Alluvium
1750	Z	-	0.433	91.7	Alluvium
1750	R	-	0.767	162.	Alluvium
1750	T	-	0.638	89.2	Alluvium
2580	Z	-	0.500	49.6	Alluvium
2580	R	-	0.895	72.7	Alluvium
2580	T	-	0.357	48.8	Alluvium
4820	Z	-	0.0856	4.15	Alluvium
4820	R	-	0.0313	4.81	Alluvium
4820	T	-	0.0336	3.44	Alluvium
5280	Z	-	0.0980	3.76	Alluvium
5280	R	-	0.0923	13.1	Alluvium
5280	T	-	0.0564	6.86	Alluvium
6040	Z	-	0.0752	6.92	Alluvium
6040	R	-	0.0805	9.17	Alluvium
6040	T	-	0.122	7.07	Alluvium
8970	Z	-	0.274	5.38	Alluvium
8970	R	-	0.103	6.25	Alluvium
8970	T	-	0.0847	6.18	Alluvium
9330	Z	-	0.179	7.00	Alluvium
9330	R	-	0.160	9.70	Alluvium
9330	T	-	-	14.5	Alluvium
11700	Z	-	-	2.64	Alluvium
11700	R	-	0.0377	3.38	Alluvium
11700	T	-	0.0424	3.69	Alluvium
13400	Z	-	-	1.18	Alluvium
13400	R	-	0.0204	1.65	Alluvium
13400	T	-	0.0211	1.54	Alluvium
16300	Z	-	-	2.83	Alluvium
16300	R	-	0.0446	2.63	Alluvium
16300	T	-	0.0328	3.18	Alluvium

Event No. 5185	Medium Alluvium	Magnitude (mb)			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
493	Z	16.7	-	-	Alluvium
493	R	14.7	-	-	Alluvium
493	T	8.64	-	-	Alluvium
493	R	11.5	1.43	288.	Alluvium
493	T	11.3	0.339	297.	Alluvium
493	Z	13.4	-	255.	Alluvium
826	Z	4.91	-	-	Alluvium
826	R	4.85	-	-	Alluvium
826	T	3.40	-	-	Alluvium
826	R	6.72	1.25	127.	Alluvium
826	T	5.72	0.329	193.	Alluvium
826	Z	6.42	0.350	115.	Alluvium
4959	R	0.644	-	-	Alluvium
4959	T	1.05	-	-	Alluvium
4959	R	0.673	0.0497	11.9	Alluvium
4959	T	1.03	0.0712	15.5	Alluvium
4959	Z	0.620	-	11.3	Alluvium
5659	R	0.467	-	-	Alluvium
5659	T	0.434	-	-	Alluvium
5659	R	0.496	0.0370	10.7	Alluvium
5659	T	0.443	0.0444	7.79	Alluvium
5659	Z	0.255	-	4.70	Alluvium
5688	R	0.756	-	-	Alluvium
5688	T	1.44	-	-	Alluvium
5688	R	0.891	0.109	12.6	Alluvium
5688	T	1.73	0.219	12.7	Alluvium
5688	Z	0.465	-	6.45	Alluvium
7438	R	0.511	-	-	Alluvium
7438	T	0.489	-	-	Alluvium
7438	R	0.484	0.0618	4.97	Alluvium
7438	T	0.484	0.0959	4.76	Alluvium
7438	Z	0.318	-	2.93	Alluvium
9471	R	0.296	-	-	Alluvium
9471	T	0.446	-	-	Alluvium
9471	R	0.294	0.0285	4.77	Alluvium
9471	T	0.392	0.0562	5.21	Alluvium
9471	Z	0.281	-	4.77	Alluvium
9487	R	0.223	-	-	Alluvium
9487	R	0.211	0.0208	3.76	Alluvium
9487	T	0.143	0.0133	1.72	Alluvium
9487	Z	0.160	-	2.57	Alluvium
10822	R	0.0903	-	-	Granite

Event No.	Medium	Magnitude (mb)			
5185	Alluvium	-			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
10822	T	0.0688	-	-	Granite
10822	R	-	0.0132	-	Granite
10822	T	-	0.00936	-	Granite

Event No. 5189	Medium Tuff	Magnitude (mb) -				
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium	
2288	Z	-	-	163.	Tuff	
2288	R	-	-	190.	Tuff	
2288	T	-	-	211.	Tuff	
2575	Z	-	-	126.	Tuff	
3480	Z	-	-	87.5	Tuff	
3480	T	-	-	61.2	Tuff	
4039	Z	-	-	59.9	Tuff	
4039	R	-	-	126.	Tuff	
4039	T	-	-	118.	Tuff	
5027	Z	-	-	59.3	Tuff	
5027	R	-	-	30.6	Tuff	
5027	T	-	-	31.0	Tuff	
5027	R	-	0.0862	24.4	Tuff	
5027	Z	-	0.0828	41.7	Tuff	
5027	T	-	0.0610	23.7	Tuff	
6050	Z	-	-	24.5	Tuff	
6050	R	-	-	20.9	Tuff	
6050	T	-	-	22.3	Tuff	
6050	R	-	0.0478	18.3	Tuff	
6050	Z	-	-	18.5	Tuff	
6050	T	-	-	15.8	Tuff	
6650	Z	-	0.0747	35.3	Tuff	
6650	T	-	0.0474	26.3	Tuff	
6650	R	-	0.0513	29.4	Tuff	
6830	R	-	0.0580	15.3	Tuff	
6830	Z	-	0.109	13.4	Tuff	
6830	T	-	0.0624	12.1	Tuff	
13950	Z	-	-	9.89	Tuff	
13950	N-S	-	-	9.99	Tuff	
13950	E-W	-	-	8.99	Tuff	
17400	Z	-	-	2.95	Tuff	
17400	N-S	-	-	5.04	Tuff	
17400	E-W	-	0.0213	7.44	Tuff	
24300	R	-	-	1.56	Undetermined	
24300	Z	-	-	1.02	Undetermined	
24300	T	-	-	2.37	Undetermined	
25000	T	-	0.00932	2.20	Tuff	
25000	R	-	-	1.92	Tuff	
46800	Z	-	-	4.46	Tuff	
46800	N-S	-	-	2.44	Tuff	
46800	E-W	-	-	2.93	Tuff	
47000	Z	0.00503	-	-	Tuff	

Event No. 5189	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
47000	N-S	0.0168	-	-	Tuff
47000	E-W	0.0168	-	-	Tuff
49000	R	0.123	-	-	Carbonate
49000	T	0.0802	-	-	Carbonate
49000	Z	0.105	-	-	Carbonate
72000	Z	0.0742	-	-	Carbonate
72000	R	0.118	-	-	Carbonate
72000	T	0.0835	-	-	Carbonate
103000	Z	0.0392	-	-	Undetermined
103000	R	0.0455	-	-	Undetermined
103000	T	0.0420	-	-	Undetermined
136000	Z	0.0194	-	-	Alluvium
136000	R	0.0245	-	-	Alluvium
136000	T	0.0230	-	-	Alluvium
165000	N-S	-	0.000243	-	Alluvium
165000	E-W	-	0.000179	-	Alluvium
167000	Z	0.00422	-	-	Alluvium
167000	Z	0.00213	-	-	Alluvium
167000	N-S	0.00232	-	-	Alluvium
167000	E-W	0.00181	-	-	Alluvium
167000	Z	0.00327	-	-	Alluvium
167000	N-S	0.00255	-	-	Alluvium
167000	E-W	0.00239	-	-	Alluvium
170000	T	0.0340	-	-	Alluvium
170000	N-S	-	0.000236	-	Alluvium
170000	Z	0.0300	-	-	Alluvium
170000	E-W	-	0.000214	-	Alluvium
170000	R	0.0383	-	-	Alluvium

Event No. 5311	Medium Rhyolite	Magnitude (mb) 5.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
176000	N-S	0.270	-	-	Alluvium
176000	E-W	0.380	-	-	Alluvium
176000	Z	0.220	-	-	Alluvium
179000	R	0.350	-	-	Alluvium
179000	T	0.320	-	-	Alluvium
179000	Z	0.200	-	-	Alluvium
180000	Z	0.190	-	-	Alluvium
180000	N-S	0.330	-	-	Alluvium
180000	E-W	0.410	-	-	Alluvium
180000	Z	0.180	-	-	Alluvium
183000	N-S	0.160	-	-	Alluvium
183000	E-W	0.210	-	-	Alluvium
183000	Z	0.1000	-	-	Alluvium
184000	N-S	0.180	-	-	Alluvium
184000	E-W	0.210	-	-	Alluvium
184000	Z	0.1000	-	-	Alluvium

Event No. 5335	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
5337	R	2.42	-	-	Alluvium
5337	T	2.82	-	-	Alluvium
5337	R	2.56	0.302	40.6	Alluvium
5337	T	2.86	0.445	32.1	Alluvium
5337	Z	0.0813	-	35.6	Alluvium
6330	R	1.21	-	-	Alluvium
6330	T	1.99	-	-	Alluvium
6330	R	1.25	0.133	15.9	Alluvium
6330	T	1.96	0.282	14.9	Alluvium
6330	Z	0.904	0.0321	13.8	Alluvium
6458	R	0.649	-	-	Alluvium
6458	R	0.710	0.0999	8.77	Alluvium
6458	T	0.471	-	7.34	Alluvium
6458	Z	0.320	0.0399	6.07	Alluvium
8145	R	0.646	-	-	Alluvium
8145	T	0.827	-	-	Alluvium
8145	R	0.602	0.0915	8.42	Alluvium
8145	T	0.692	0.200	7.14	Alluvium
8145	Z	0.441	-	6.27	Alluvium
8594	R	0.721	-	-	Alluvium
8594	T	0.359	-	-	Alluvium
8594	R	0.670	0.0637	11.2	Alluvium
8594	T	0.427	0.0354	7.24	Alluvium
8594	Z	0.380	0.0261	4.62	Alluvium
12249	R	0.252	-	3.45	Quartzite
12249	T	0.184	0.0235	2.17	Quartzite
12249	Z	-	-	2.12	Quartzite

Event No. 5351	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1327	Z	-	-	2773.	Alluvium
1327	R	-	-	791.	Alluvium
1327	T	-	-	294.	Alluvium
1835	T	-	10.8	515.	Alluvium
1835	Z	-	8.13	1009.	Alluvium
1835	R	-	12.7	642.	Alluvium
1887	Z	-	-	1009.	Alluvium
1887	R	-	-	597.	Alluvium
1887	T	-	-	605.	Alluvium
2844	Z	-	-	863.	Alluvium
2844	R	-	-	279.	Alluvium
2844	T	-	-	443.	Alluvium
3760	Z	-	-	527.	Alluvium
3760	R	-	-	383.	Alluvium
3760	T	-	-	436.	Alluvium
5930	T	-	4.21	199.	Alluvium
5930	Z	-	2.50	429.	Alluvium
5930	R	-	4.52	332.	Alluvium
8000	T	-	1.08	21.2	Carbonate
8000	Z	-	0.199	19.3	Carbonate
8000	R	-	0.728	38.2	Carbonate
8510	T	-	1.76	83.7	Alluvium
8510	Z	-	0.617	87.8	Alluvium
8510	R	-	2.69	119.	Alluvium
10450	T	-	0.366	45.2	Undetermined
10450	Z	-	-	42.1	Undetermined
10450	R	-	0.461	32.9	Undetermined
11610	T	-	2.89	89.3	Alluvium
11610	Z	-	0.867	53.9	Alluvium
11610	R	-	3.78	91.4	Alluvium
16000	T	-	2.08	40.7	Alluvium
16000	Z	-	1.04	44.1	Alluvium
16000	R	-	2.41	41.0	Alluvium
22350	T	-	0.217	4.51	Undetermined
22350	Z	-	0.0729	9.26	Undetermined
22350	R	-	0.181	5.22	Undetermined
25800	T	-	0.457	13.2	Carbonate
25800	Z	-	-	14.3	Carbonate
25800	R	-	0.204	10.3	Carbonate
32800	T	-	0.657	7.94	Tuff
32800	Z	-	0.0810	2.06	Tuff
32800	R	-	0.303	11.9	Tuff

Event No. 5351	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
43700	T	-	0.0773	1.20	Undetermined
43700	Z	-	-	1.61	Undetermined
43700	R	-	0.0756	1.54	Undetermined
56000	T	-	0.0564	2.22	Carbonate
56000	Z	-	-	1.59	Carbonate
56000	R	-	0.0795	2.44	Carbonate
56500	T	-	0.0824	3.73	Alluvium
56500	Z	-	0.0336	1.67	Alluvium
56500	R	-	0.0681	3.35	Alluvium
56500	R	0.204	0.0526	3.07	Alluvium
56500	T	0.217	0.0710	3.00	Alluvium
56500	Z	0.200	0.0640	2.95	Alluvium
67500	T	-	0.0834	-	Carbonate
67500	R	-	0.0660	-	Carbonate
75000	R	0.138	0.0539	1.97	Undetermined
75000	T	0.140	0.0438	3.11	Undetermined
75000	Z	0.0840	0.0408	2.24	Undetermined
90500	R	0.286	0.0936	1.91	Alluvium
90500	T	0.252	0.0781	2.09	Alluvium
90500	Z	0.274	0.0752	2.41	Alluvium
107000	Z	-	0.0207	-	Alluvium
107000	N-S	-	0.0230	-	Alluvium
107000	E-W	-	0.0244	-	Alluvium
107000	R	0.0612	0.0245	0.561	Alluvium
107000	T	0.0680	0.0265	0.592	Alluvium
107000	Z	0.0557	0.0286	0.609	Alluvium
123000	Z	-	0.0325	-	Alluvium
123000	N-S	-	0.0335	-	Alluvium
123000	E-W	-	0.0358	-	Alluvium
123000	R	0.201	0.0650	1.36	Alluvium
123000	T	0.203	0.0719	1.27	Alluvium
123000	Z	0.137	0.0625	1.08	Alluvium
129000	R	0.0652	0.0165	0.828	Alluvium
129000	T	0.0638	0.0258	0.724	Alluvium
129000	Z	0.0719	0.0155	1.22	Alluvium
129000	R	0.0630	0.0154	0.790	Alluvium
129000	T	0.0679	0.0275	0.706	Alluvium
129000	Z	0.0594	0.0253	1.25	Alluvium
136500	Z	0.0780	-	-	Alluvium
136500	N-S	0.0923	-	-	Alluvium
136500	E-W	0.113	-	-	Alluvium
138000	Z	0.136	0.0436	1.29	Alluvium

Event No. 5351	Medium Tuff	Magnitude (mb)			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
138000	R	0.264	0.0390	1.83	Alluvium
138000	T	0.187	0.0695	1.32	Alluvium
138000	Z	0.135	0.0408	0.109	Alluvium
138000	R	0.190	0.102	0.153	Alluvium
138000	T	0.266	0.104	1.93	Alluvium
142000	Z	-	0.0215	-	Alluvium
142000	N-S	-	0.0814	-	Alluvium
142000	E-W	-	0.117	-	Alluvium
142000	N-S	-	0.00624	-	Alluvium
142000	E-W	-	0.00675	-	Alluvium
142000	R	0.220	-	1.42	Alluvium
142000	N-S	-	0.0784	-	Alluvium
142000	T	0.223	-	0.931	Alluvium
142000	E-W	-	0.0831	-	Alluvium
142000	Z	0.0996	0.0290	0.944	Alluvium

Event No. 5390	Medium Carbonate	Magnitude (mb) 4.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1284	Z	-	2.39	906.	Carbonate
1284	R	-	1.18	885.	Carbonate
1284	T	-	0.874	569.	Carbonate
1284	Z	-	1.34	797.	Alluviurn
1284	R	-	3.16	923.	Alluviurn
1284	T	-	1.05	678.	Alluviurn
1518	Z	-	1.18	235.	Carbonate
1518	R	-	0.706	220.	Carbonate
1518	T	-	0.687	280.	Carbonate
1542	Z	-	0.945	629.	Alluviurn
1542	R	-	1.21	715.	Alluviurn
1542	T	-	0.729	291.	Alluviurn
2135	Z	-	0.462	133.	Carbonate
2135	R	-	0.691	152.	Carbonate
2135	T	-	0.478	73.3	Carbonate
2167	Z	-	1.14	253.	Alluviurn
2167	R	-	1.48	224.	Alluviurn
2167	T	-	0.608	237.	Alluviurn
2585	Z	-	0.529	182.	Carbonate
2585	R	-	0.569	153.	Carbonate
2585	T	-	0.517	76.5	Carbonate
2585	Z	-	0.593	253.	Alluviurn
2585	R	-	0.916	242.	Alluviurn
2585	T	-	0.0490	132.	Alluviurn
3322	Z	-	0.684	73.3	Carbonate
3322	R	-	0.212	79.0	Carbonate
3322	T	-	0.199	103.	Carbonate
3325	Z	-	0.412	112.	Alluviurn
3325	R	-	0.540	111.	Alluviurn
3325	T	-	0.281	60.8	Alluviurn
4313	Z	-	0.876	99.9	Alluviurn
4313	R	-	0.488	77.6	Alluviurn
4313	T	-	0.374	89.5	Alluviurn
4359	Z	-	-	49.1	Carbonate
4359	R	-	0.278	22.4	Carbonate
4359	T	-	0.172	56.6	Carbonate
4999	Z	-	0.197	41.2	Alluviurn
4999	R	-	0.282	69.6	Alluviurn
4999	T	-	0.452	70.1	Alluviurn

Event No. 5405	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
365	Z	-	-	1862.	Alluvium
413	R	39.5	-	-	Alluvium
517	R	28.2	-	-	Alluvium
1230	R	8.87	-	-	Alluvium
1230	T	4.20	-	-	Alluvium
1230	T	3.34	0.355	73.0	Alluvium
1230	Z	7.68	-	160.	Alluvium
1230	R	8.88	1.23	168.	Alluvium
2091	Z	7.77	-	-	Alluvium
2091	R	15.6	-	-	Alluvium
2091	T	5.05	-	-	Alluvium
2091	T	4.32	0.852	104.	Alluvium
2091	Z	7.27	0.805	129.	Alluvium
2091	R	13.9	1.00	285.	Alluvium
3900	R	3.29	-	-	Alluvium
3900	T	3.72	-	-	Alluvium
3900	T	3.44	0.476	65.8	Alluvium
3900	Z	3.85	-	53.4	Alluvium
3900	R	3.03	0.585	45.2	Alluvium
7493	R	1.55	-	-	Alluvium
7493	T	1.45	-	-	Alluvium
7493	T	1.54	0.167	28.6	Alluvium
7493	Z	1.09	-	16.6	Alluvium
7493	R	1.83	0.164	17.9	Alluvium
9452	R	1.24	-	-	Alluvium
9452	T	1.12	-	-	Alluvium
9452	T	0.985	0.177	13.0	Alluvium
9452	Z	0.794	0.168	10.0	Alluvium
9452	R	1.06	0.132	13.8	Alluvium
13685	R	1.10	-	-	Alluvium
13685	T	0.865	-	-	Alluvium
13685	T	0.736	0.147	8.81	Alluvium
13685	Z	0.582	0.0949	7.52	Alluvium
13685	R	1.20	0.203	11.5	Alluvium
14000	Z	-	0.0257	-	Alluvium
14000	R	-	0.0405	-	Alluvium
14000	T	-	0.0850	-	Alluvium
16640	Z	-	0.0500	-	Alluvium
16640	R	-	0.0635	-	Alluvium
16640	T	-	0.0500	-	Alluvium
20287	R	0.0642	-	-	Granite
20287	T	-	0.0161	-	Granite
20287	R	-	0.0103	-	Granite

Event No.	Medium	Magnitude (mb)			
5410	Alluvium	-			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
696	Z	-	2.75	354.	Alluvium
696	R	-	2.56	300.	Alluvium
696	T	-	1.55	196.	Alluvium
1003	Z	-	0.384	205.	Alluvium
1003	R	-	1.26	152.	Alluvium
1003	T	-	0.558	75.3	Alluvium
2128	Z	-	0.333	121.	Alluvium
2128	R	-	0.625	101.	Alluvium
2128	T	-	0.462	75.0	Alluvium
4329	Z	-	0.201	38.7	Alluvium
4329	R	-	0.268	46.1	Alluvium
4329	T	-	0.524	33.7	Alluvium
5952	Z	-	0.0520	9.99	Alluvium
5952	R	-	0.137	15.5	Alluvium
5952	T	-	0.106	22.5	Alluvium
6097	Z	-	0.215	22.8	Alluvium
6097	R	-	0.458	35.3	Alluvium
6097	T	-	0.399	24.7	Alluvium
6627	Z	-	-	6.27	Alluvium
6627	R	-	0.0721	9.01	Alluvium
6627	T	-	-	10.8	Alluvium
7010	Z	-	0.213	16.6	Alluvium
7010	R	-	0.300	21.5	Alluvium
7010	T	-	0.325	24.5	Alluvium
8789	Z	-	0.175	-	Alluvium
8789	R	-	0.120	-	Alluvium
8789	T	-	0.148	-	Alluvium
12167	R	-	0.0141	-	Granite
12167	T	-	0.0152	-	Granite
12761	Z	-	-	1.99	Quartzite
12761	R	-	-	2.81	Quartzite
12761	T	-	-	2.12	Quartzite

Event No. 5414	Medium Rhyolite	Magnitude (mb) 6.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
54000	R	0.470	-	-	Alluvium
54000	T	0.500	-	-	Alluvium
54000	Z	0.480	-	-	Alluvium
106000	R	0.780	-	-	Alluvium
106000	T	1.47	-	-	Alluvium
106000	Z	0.520	-	-	Alluvium
120000	R	0.470	-	-	Andesite
120000	T	0.340	-	-	Andesite
120000	Z	1.00	-	-	Andesite
120000	R	0.440	-	-	Alluvium
120000	T	0.350	-	-	Alluvium
120000	Z	1.03	-	-	Alluvium
120000	R	0.290	-	-	Alluvium
120000	T	0.370	-	-	Alluvium
120000	Z	0.400	-	-	Alluvium
150000	N-S	0.500	-	-	Alluvium
150000	E-W	0.500	-	-	Alluvium
150000	Z	0.370	-	-	Alluvium
152000	N-S	0.240	-	-	Alluvium
152000	E-W	0.250	-	-	Alluvium
152000	Z	0.250	-	-	Alluvium
158000	N-S	0.340	-	-	Alluvium
158000	E-W	0.430	-	-	Alluvium
158000	Z	0.410	-	-	Alluvium
160000	R	0.650	-	-	Alluvium
160000	T	0.590	-	-	Alluvium
160000	Z	0.360	-	-	Alluvium

Event No. 5464	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
637	R	11.4	-	-	Alluvium
637	T	9.59	-	-	Alluvium
637	T	10.3	1.33	153.	Alluvium
637	Z	-	1.56	298.	Alluvium
637	R	12.2	1.44	219.	Alluvium
1170	Z	6.49	-	-	Alluvium
1170	R	7.63	-	-	Alluvium
1170	T	9.59	-	-	Alluvium
1170	T	10.6	1.27	135.	Alluvium
1170	Z	8.91	0.339	199.	Alluvium
1170	R	8.12	0.842	162.	Alluvium
1593	Z	5.10	-	-	Alluvium
1593	R	5.80	-	-	Alluvium
1593	T	5.55	-	-	Alluvium
1593	T	6.50	0.505	118.	Alluvium
1593	Z	5.51	0.464	133.	Alluvium
1593	R	5.02	0.847	134.	Alluvium
4973	Z	1.52	-	-	Alluvium
4973	R	1.85	-	-	Alluvium
4973	T	2.62	-	-	Alluvium
4973	T	2.64	0.606	34.1	Alluvium
4973	Z	1.38	0.189	21.9	Alluvium
4973	R	2.05	0.207	44.3	Alluvium
5302	R	0.992	-	-	Alluvium
5302	T	1.02	-	-	Alluvium
5302	T	1.54	0.108	25.3	Alluvium
5302	Z	0.941	0.0781	14.4	Alluvium
5302	R	1.78	0.143	37.1	Alluvium
5987	T	0.873	0.118	13.0	Alluvium
5987	Z	0.537	-	8.49	Alluvium
5987	R	0.746	0.0695	12.1	Alluvium
6726	R	1.95	-	-	Alluvium
6726	T	2.59	-	-	Alluvium
6726	T	2.41	0.451	37.0	Alluvium
6726	Z	1.87	0.333	24.3	Alluvium
6726	R	2.04	0.343	24.7	Alluvium
7633	R	1.51	-	-	Alluvium
7633	T	1.49	-	-	Alluvium
7633	T	1.33	0.287	10.9	Alluvium
7633	Z	0.817	0.0860	11.4	Alluvium
7633	R	1.33	0.306	19.7	Alluvium
8152	Z	-	0.0935	-	Alluvium

Event No. 5464	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
8152	R	-	0.0804	-	Alluvium
8152	T	-	0.0995	-	Alluvium
11536	R	0.0970	-	-	Granite
11536	T	0.0957	-	-	Granite
11536	R	-	0.0139	-	Granite
11536	T	-	0.0166	-	Granite
11536	Z	-	0.00825	-	Granite
12202	T	-	-	2.28	Quartzite
12202	R	-	0.00393	-	Quartzite
12202	Z	-	-	2.44	Quartzite
12202	R	-	-	3.20	Quartzite

Event No. 5476	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
735	Z	-	-	5233.	Alluvium
735	R	-	-	772.	Alluvium
735	T	-	-	874.	Alluvium
735	Z	-	-	4998.	Alluvium
735	R	-	-	967.	Alluvium
735	T	-	-	317.	Alluvium
836	Z	-	-	4106.	Alluvium
836	R	-	-	1528.	Alluvium
836	T	-	-	280.	Alluvium
836	Z	-	-	4263.	Alluvium
836	R	-	-	1009.	Alluvium
836	T	-	-	530.	Alluvium
941	Z	-	-	3400.	Alluvium
941	R	-	-	1430.	Alluvium
941	T	-	-	3518.	Alluvium
1010	Z	-	-	3557.	Alluvium
1010	R	-	-	1136.	Alluvium
1010	T	-	-	256.	Alluvium
1200	Z	-	-	3586.	Alluvium
1200	R	-	-	1842.	Alluvium
1200	T	-	-	647.	Alluvium
1220	Z	-	-	2077.	Alluvium
1220	R	-	-	937.	Alluvium
1220	T	-	-	705.	Alluvium
2470	Z	-	6.45	825.	Alluvium
2470	R	-	17.0	901.	Alluvium
2470	T	-	5.91	-	Alluvium
2880	Z	-	18.5	343.	Alluvium
2880	R	-	18.0	379.	Alluvium
2880	T	-	5.39	362.	Alluvium
4900	Z	-	6.01	160.	Alluvium
4900	R	-	6.42	239.	Alluvium
4900	T	-	2.76	-	Alluvium
5820	Z	-	1.10	191.	Alluvium
5820	R	-	4.45	178.	Alluvium
5820	T	-	2.11	116.	Alluvium
6400	Z	-	-	88.6	Alluvium
6400	R	-	3.67	111.	Alluvium
6400	T	-	3.18	73.3	Alluvium
13150	Z	-	0.240	104.	Undetermined
13150	N-S	-	0.636	92.6	Undetermined
13150	E-W	-	0.445	79.7	Undetermined

Event No. 5476	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
17040	Z	-	0.401	13.4	Tuff
17040	N-S	-	0.491	12.1	Tuff
17040	E-W	-	0.448	-	Tuff
19900	Z	-	0.0820	22.1	Carbonate
19900	N-S	-	0.329	15.0	Carbonate
19900	E-W	-	0.861	15.4	Carbonate
36500	N-S	0.739	0.218	10.2	Alluvium
36500	E-W	1.01	0.286	8.94	Alluvium
50530	Z	0.181	0.0582	2.91	Alluvium
50530	R	0.308	0.0599	3.09	Alluvium
50530	T	0.249	0.0893	2.57	Alluvium
55000	Z	-	0.0962	4.99	Tuff
55000	N-S	-	0.215	4.28	Tuff
55000	E-W	-	0.209	3.86	Tuff
67000	Z	-	-	3.35	Alluvium
67000	N-S	-	0.0758	8.33	Alluvium
67000	E-W	-	0.0802	8.92	Alluvium
72000	Z	0.197	0.0661	1.20	Undetermined
72000	R	0.167	0.0642	1.46	Undetermined
72000	T	0.162	0.0537	1.61	Undetermined
104000	Z	0.0763	0.0297	0.672	Alluvium
104000	R	0.0974	0.0470	0.624	Alluvium
104000	T	0.0622	0.0273	0.575	Alluvium
122000	Z	-	-	3.43	Alluvium
122000	N-S	-	0.0302	4.07	Alluvium
122000	E-W	-	0.0226	3.06	Alluvium
130000	Z	0.204	0.0776	-	Alluvium
130000	R	0.285	0.117	-	Alluvium
130000	T	0.346	0.123	-	Alluvium
133000	Z	-	1.47	1.84	Alluvium
133000	N-S	-	0.224	7.01	Alluvium
133000	E-W	-	0.484	10.4	Alluvium
133000	Z	-	0.0690	4.01	Alluvium
133000	N-S	-	0.240	7.77	Alluvium
133000	E-W	-	0.284	6.03	Alluvium
133000	Z	0.214	0.0690	1.78	Alluvium
133000	R	0.478	0.204	2.21	Alluvium
133000	T	0.382	0.161	1.71	Alluvium
134500	Z	-	0.191	2.80	Alluvium
134500	N-S	-	0.256	8.77	Alluvium
134500	E-W	-	0.241	6.72	Alluvium
134500	Z	-	-	2.51	Alluvium

Event No. 5476	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
134500	N-S	-	0.439	13.7	Alluvium
134500	E-W	-	0.566	11.1	Alluvium
135000	Z	-	0.160	2.38	Alluvium
135000	N-S	-	0.193	6.34	Alluvium
135000	E-W	-	0.102	6.93	Alluvium
135500	Z	-	0.137	2.58	Alluvium
135500	N-S	-	0.179	5.71	Alluvium
135500	E-W	-	0.155	8.08	Alluvium
136000	Z	-	-	3.19	Alluvium
136000	N-S	-	0.172	7.30	Alluvium
136000	E-W	-	0.160	7.94	Alluvium
136000	Z	-	-	2.21	Alluvium
136000	N-S	-	0.262	8.08	Alluvium
136000	E-W	-	0.338	5.88	Alluvium
136000	N-S	0.293	0.118	1.60	Alluvium
136000	E-W	0.250	0.0959	1.56	Alluvium
136000	Z	-	-	3.41	Alluvium
136000	N-S	-	0.279	5.31	Alluvium
136000	E-W	-	0.393	4.77	Alluvium
139000	Z	0.228	0.0673	2.55	Alluvium
139000	N-S	0.315	0.0920	1.70	Alluvium
139000	E-W	0.318	0.127	1.31	Alluvium
139000	Z	-	-	2.29	Alluvium
139000	N-S	-	0.117	1.84	Alluvium
139000	E-W	-	0.153	1.78	Alluvium
150000	Z	0.0934	0.0160	2.25	Tuff
150000	R	0.105	0.0211	2.57	Tuff
150000	T	0.120	0.0167	2.94	Tuff
150000	Z	0.0847	0.0149	1.51	Andesite
150000	R	0.108	0.0246	1.22	Andesite
150000	T	0.0750	0.0163	1.14	Andesite
150000	Z	-	0.158	-	Andesite
150000	N-S	-	-	2.60	Andesite
150000	E-W	-	0.108	2.78	Andesite

Event No. 5597	Medium Tuff	Magnitude (mb) 6.2			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
58000	R	1.16	-	-	Alluvium
58000	T	0.990	-	-	Alluvium
58000	Z	0.670	-	-	Alluvium
104000	R	1.69	-	-	Alluvium
104000	T	1.30	-	-	Alluvium
104000	Z	0.880	-	-	Alluvium
116000	R	0.700	-	-	Andesite
116000	T	0.480	-	-	Andesite
116000	Z	1.09	-	-	Andesite
125000	R	0.880	-	-	Alluvium
125000	T	0.690	-	-	Alluvium
125000	Z	0.850	-	-	Alluvium
154000	N-S	1.25	-	-	Alluvium
154000	E-W	0.820	-	-	Alluvium
154000	Z	0.630	-	-	Alluvium
155000	N-S	0.690	-	-	Alluvium
155000	E-W	0.730	-	-	Alluvium
155000	Z	0.960	-	-	Alluvium
162000	N-S	1.49	-	-	Alluvium
162000	E-W	2.00	-	-	Alluvium
162000	Z	1.07	-	-	Alluvium
164000	R	1.52	-	-	Alluvium
164000	T	1.23	-	-	Alluvium
164000	Z	1.02	-	-	Alluvium
166000	N-S	1.80	-	-	Alluvium
166000	E-W	1.60	-	-	Alluvium
166000	Z	1.08	-	-	Alluvium
167000	N-S	1.85	-	-	Alluvium
167000	E-W	1.76	-	-	Alluvium
167000	Z	2.34	-	-	Alluvium
167000	N-S	1.35	-	-	Alluvium
167000	E-W	2.35	-	-	Alluvium
167000	Z	1.30	-	-	Alluvium
168000	N-S	1.49	-	-	Alluvium
168000	E-W	1.96	-	-	Alluvium
168000	Z	1.64	-	-	Alluvium
198000	R	1.35	-	-	Alluvium
198000	T	2.02	-	-	Alluvium
198000	Z	0.900	-	-	Alluvium

Event No. 5710	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1165	Z	637.	-	6860.	Alluvium
1205	Z	817.	-	7575.	Alluvium
1205	R	77.6	-	661.	Alluvium
1205	T	56.7	-	-	Alluvium
1514	Z	415.	-	4321.	Alluvium
1514	R	56.0	-	581.	Alluvium
1514	T	19.7	-	279.	Alluvium
2966	Z	16.9	-	1538.	Alluvium
2966	R	106.	-	493.	Alluvium
2966	T	41.7	-	142.	Alluvium
4000	Z	83.1	-	671.	Alluvium
4000	R	51.2	-	522.	Alluvium
4000	T	45.7	-	193.	Alluvium
5017	Z	61.0	-	721.	Alluvium
5017	R	81.0	-	366.	Alluvium
5017	T	43.9	-	82.3	Alluvium
6800	Z	-	-	340.	Tuff
6800	N-S	-	-	376.	Tuff
6800	E-W	-	-	501.	Tuff
7355	Z	31.7	-	406.	Alluvium
7355	R	43.0	-	146.	Alluvium
7355	T	12.6	-	29.4	Alluvium
7400	N-S	-	-	586.	Tuff
7400	E-W	-	-	354.	Tuff
7800	Z	-	-	661.	Tuff
7800	N-S	-	-	494.	Tuff
7800	E-W	-	-	364.	Tuff
10300	Z	-	-	891.	Tuff
10300	N-S	-	-	665.	Tuff
10300	E-W	-	-	677.	Tuff
10436	Z	22.4	-	119.	Alluvium
10436	R	48.5	-	14.7	Alluvium
10436	T	11.6	-	4.90	Alluvium
16200	Z	24.2	3.32	564.	Alluvium
16200	R	19.6	5.95	556.	Alluvium
16200	T	22.5	4.86	646.	Alluvium
16200	Z	17.9	3.12	341.	Alluvium
16200	R	22.7	6.45	338.	Alluvium
16200	T	9.45	1.90	341.	Alluvium
16200	Z	22.9	2.89	364.	Tuff
16200	R	23.9	5.44	218.	Tuff
16200	T	25.5	5.01	229.	Tuff

Event No. 5710	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
15200	Z	21.7	2.96	433.	Tuff
16200	R	13.7	4.42	296.	Tuff
16200	T	16.4	3.89	279.	Tuff
22200	Z	4.14	1.16	90.0	Tuff
22200	R	3.96	1.53	45.9	Tuff
22200	T	3.70	1.04	47.7	Tuff
22490	Z	2.04	-	45.0	Alluvium
22490	R	4.27	-	13.7	Alluvium
22490	T	3.84	-	8.82	Alluvium
22600	Z	-	2.19	69.6	Tuff
22600	R	-	3.43	68.5	Tuff
22600	T	-	4.39	80.8	Tuff
27800	Z	4.76	1.35	92.8	Tuff
27800	R	4.76	1.28	43.8	Tuff
27800	T	5.80	1.71	78.0	Tuff
31800	Z	-	0.430	41.4	Undetermined
31800	R	-	1.61	17.3	Undetermined
31800	T	-	1.31	15.7	Undetermined
33600	Z	1.91	0.797	35.4	Tuff
33600	R	4.03	1.12	33.6	Tuff
33600	T	2.77	0.986	29.3	Tuff
40000	Z	4.63	1.00	89.2	Alluvium
40000	R	4.90	1.63	79.6	Alluvium
40000	T	4.06	1.31	73.0	Alluvium
44000	Z	-	0.0902	19.4	Alluvium
44000	R	-	1.04	14.2	Alluvium
44000	T	-	0.720	15.1	Alluvium
48100	Z	1.06	0.531	14.7	Tuff
48100	R	1.54	0.625	18.9	Tuff
48100	T	1.12	0.455	10.8	Tuff
50600	Z	2.04	0.828	14.9	Alluvium
50600	R	2.40	0.815	20.7	Alluvium
50600	T	1.73	0.347	19.1	Alluvium
50600	R	1.61	0.687	11.0	Tuff
50600	T	0.603	0.247	7.05	Tuff
53000	Z	-	1.31	31.6	Alluvium
53000	R	-	0.445	39.2	Alluvium
53000	T	-	0.392	22.5	Alluvium
53800	Z	0.645	0.223	6.32	Carbonate
53800	R	0.936	0.350	9.74	Carbonate
53800	T	0.630	0.211	7.34	Carbonate
55800	Z	2.09	0.506	28.6	Alluvium

Event No. 5710	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
55800	R	2.96	1.40	29.4	Alluvium
55800	T	1.59	0.537	19.5	Alluvium
55800	Z	-	1.10	24.6	Alluvium
55800	R	-	0.232	14.7	Alluvium
55800	T	-	1.12	15.0	Alluvium
56000	Z	-	0.196	18.0	Alluvium
56000	R	-	1.14	11.9	Alluvium
56000	T	-	1.57	14.1	Alluvium
59400	Z	2.46	0.361	-	Alluvium
59400	R	3.34	0.891	-	Alluvium
59400	T	3.77	1.50	-	Alluvium
60800	Z	1.02	0.468	12.5	Tuff
60800	R	1.08	0.650	8.52	Tuff
60800	T	0.810	0.416	9.03	Tuff
72700	Z	1.33	0.481	-	Alluvium
72700	R	1.65	0.590	-	Alluvium
72700	T	2.45	0.867	-	Alluvium
75000	Z	1.17	0.215	15.7	Alluvium
75000	R	0.715	0.399	9.06	Alluvium
75000	T	1.51	0.659	12.0	Alluvium
79100	Z	0.702	0.377	7.99	Tuff
79100	R	0.962	0.455	7.74	Tuff
79100	T	0.847	0.382	5.47	Tuff
81700	Z	0.462	0.140	8.28	Alluvium
81700	R	0.637	0.156	6.85	Alluvium
81700	T	0.411	0.130	5.47	Alluvium
81700	Z	-	0.0573	5.93	Alluvium
81700	N-S	-	0.284	6.59	Alluvium
81700	E-W	-	0.302	7.04	Alluvium
82600	Z	-	0.0885	14.1	Undetermined
82600	R	-	0.387	7.31	Undetermined
82600	T	-	0.242	10.4	Undetermined
82600	Z	1.09	0.348	19.0	Undetermined
82600	R	0.754	0.321	8.42	Undetermined
82600	T	0.830	0.170	11.5	Undetermined
83880	Z	-	-	3.82	Undetermined
83880	R	-	0.0473	1.39	Undetermined
83880	T	-	0.242	1.28	Undetermined
108700	Z	0.381	0.255	7.46	Undetermined
108700	R	0.333	0.335	5.97	Undetermined
108700	T	0.342	0.144	9.17	Undetermined

Event No. 5710	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
109500	Z	0.857	0.219	16.5	Alluvium
109500	R	0.874	0.216	24.7	Alluvium
109500	T	0.708	0.228	14.5	Alluvium
109500	Z	0.730	0.149	12.6	Andesite
109500	R	0.421	0.206	6.63	Andesite
109500	T	0.496	0.145	84.8	Andesite
109500	Z	-	-	7.99	Andesite
109500	R	-	0.311	9.89	Andesite
109500	T	-	0.303	10.6	Andesite
112480	Z	-	-	2.22	Andesite
112480	R	-	-	1.93	Andesite
112480	T	-	0.0392	1.70	Andesite
114500	Z	0.880	0.242	7.94	Tuff
114500	R	0.889	0.284	7.17	Tuff
114500	T	0.683	0.239	8.99	Tuff
114500	Z	0.689	0.262	6.91	Alluvium
114500	R	1.18	0.406	11.6	Alluvium
114500	T	1.35	0.242	15.0	Alluvium
117440	Z	-	-	2.52	Alluvium
117440	R	-	0.0276	2.32	Alluvium
117440	T	-	0.0169	1.87	Alluvium
127800	Z	0.608	0.208	7.01	Alluvium
127800	R	0.594	0.246	6.13	Alluvium
127800	T	0.960	0.452	5.53	Alluvium
142000	Z	0.342	0.205	3.10	Alluvium
142000	R	0.382	0.228	2.30	Alluvium
142000	T	0.336	0.207	2.00	Alluvium
168960	Z	-	-	0.825	Alluvium
168960	R	-	0.0264	1.46	Alluvium
168960	T	-	0.0703	1.46	Alluvium
169720	Z	-	-	1.23	Alluvium
169720	R	-	0.0439	1.29	Alluvium
169720	T	-	0.0370	1.03	Alluvium
171200	Z	0.570	0.173	4.76	Alluvium
171200	R	1.04	0.467	5.51	Alluvium
171200	T	1.39	0.570	8.98	Alluvium
173800	N-S	1.02	0.310	-	Alluvium
173800	E-W	0.831	0.254	-	Alluvium
173800	N-S	1.01	0.280	-	Alluvium
173800	E-W	0.767	0.228	-	Alluvium
176800	Z	0.575	0.181	6.48	Alluvium
176800	N-S	1.14	0.345	5.64	Alluvium

Event No. 5710	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
176800	E-W	1.11	0.403	4.70	Alluvium
176800	Z	0.661	0.165	6.04	Alluvium
176800	N-S	1.26	0.345	6.61	Alluvium
176800	E-W	0.779	0.310	4.62	Alluvium
176800	Z	-	-	8.09	Alluvium
176800	N-S	-	0.337	4.60	Alluvium
176800	E-W	-	0.242	4.65	Alluvium
178900	Z	0.269	0.122	2.01	Undetermined
178900	R	0.218	0.142	1.48	Undetermined
178900	T	0.222	0.0840	1.72	Undetermined
190500	Z	0.571	0.114	7.46	Carbonate
190500	R	0.381	0.0762	6.86	Carbonate
190500	T	0.524	0.149	5.54	Carbonate
249900	Z	0.133	0.0957	-	Quartzite
249900	R	0.137	0.0900	-	Quartzite
249900	T	0.147	0.0824	-	Quartzite
386000	Z	0.168	0.0310	0.821	Alluvium
386000	R	0.128	0.0317	0.542	Alluvium
386000	T	0.181	0.0445	0.807	Alluvium
394000	Z	0.214	0.0634	-	Alluvium
394000	R	0.320	0.179	1.04	Alluvium
394000	T	0.286	0.136	0.820	Alluvium
462000	Z	0.132	0.0737	-	Alluvium
462000	N-S	0.214	0.0767	-	Alluvium
462000	E-W	0.317	0.204	-	Alluvium
528000	Z	0.0243	0.0167	-	Alluvium
528000	R	0.0246	0.0153	-	Alluvium
528000	T	0.0213	0.0102	-	Alluvium
528000	Z	0.0237	0.0172	-	Undetermined
528000	R	0.0201	0.0148	-	Undetermined
528000	T	0.0200	0.0101	-	Undetermined
551000	Z	0.0650	0.0303	-	Alluvium
551000	R	0.181	0.0832	-	Alluvium
551000	T	0.153	0.0623	-	Alluvium
599000	Z	0.0135	0.0123	-	Undetermined
599000	R	0.0318	0.0210	-	Undetermined
599000	T	0.0174	0.0120	-	Undetermined

Event No. 5963	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
540	Z	-	5.34	570.	Alluvium
540	R	-	-	344.	Alluvium
540	T	-	-	217.	Alluvium
920	Z	-	1.54	236.	Alluvium
920	R	-	3.56	177.	Alluvium
920	T	-	1.75	91.9	Alluvium
1480	Z	-	2.07	158.	Alluvium
1480	R	-	2.72	132.	Alluvium
1480	T	-	1.09	45.1	Alluvium
2200	Z	-	2.70	63.6	Alluvium
2200	R	-	1.85	76.3	Alluvium
2200	T	-	1.35	43.3	Alluvium
2900	Z	-	0.996	118.	Alluvium
2900	R	-	1.38	60.3	Alluvium
2900	T	-	1.11	31.4	Alluvium
3720	Z	-	2.94	31.0	Alluvium
3720	R	-	0.849	10.9	Alluvium
3720	T	-	1.17	27.6	Alluvium
4790	Z	-	-	46.0	Alluvium
4790	R	-	0.681	30.9	Alluvium
7510	Z	-	0.0995	12.8	Alluvium
7510	R	-	0.180	11.0	Alluvium
7510	T	-	0.274	-	Alluvium
15440	Z	-	-	3.77	Carbonate
15440	N-S	-	-	3.39	Carbonate
15440	E-W	-	0.0285	1.35	Carbonate
102000	Z	-	0.276	-	Alluvium
102000	E-W	-	0.0457	1.49	Alluvium

Event No. 6133	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1446	Z	7.99	-	-	Alluvium
1446	R	11.4	-	-	Alluvium
1446	T	2.08	-	-	Alluvium
1446	R	9.67	1.75	112.	Alluvium
1446	T	4.63	0.350	73.8	Alluvium
1446	Z	4.84	-	94.6	Alluvium
2303	Z	4.57	-	-	Alluvium
2303	R	5.60	-	-	Alluvium
2303	T	4.50	-	-	Alluvium
2303	R	6.25	1.14	68.5	Alluvium
2303	T	5.08	0.832	69.9	Alluvium
2303	Z	3.88	0.323	51.6	Alluvium
5028	Z	0.392	-	2.83	Alluvium
5028	R	0.801	-	6.66	Alluvium
5028	T	0.403	-	8.11	Alluvium
6426	Z	0.284	-	2.50	Alluvium
6426	R	0.646	-	6.79	Alluvium
6426	T	0.603	-	5.99	Alluvium
8619	Z	0.299	-	3.72	Alluvium
8619	R	0.703	-	6.56	Alluvium
8619	T	0.620	-	5.68	Alluvium
13061	Z	-	-	0.901	Alluvium
13061	R	-	-	1.37	Alluvium
13061	T	-	-	1.05	Alluvium
15915	R	0.218	-	-	Alluvium
15915	T	0.249	-	-	Alluvium
15915	R	0.260	0.0430	3.17	Alluvium
15915	T	0.288	0.0408	3.19	Alluvium
15915	Z	0.212	-	1.79	Alluvium
19631	R	-	0.0197	-	Quartzite
19631	T	-	0.0155	-	Quartzite
20547	R	-	0.0103	-	Granite
20547	T	-	0.00539	-	Granite

Event No. 6135	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
260	Z	57.9	-	2352.	Alluvium
292	Z	-	-	1568.	Alluvium
372	Z	-	-	686.	Alluvium
372	R	70.0	-	-	Alluvium
593	Z	-	-	205.	Alluvium
593	R	39.5	-	-	Alluvium
1333	Z	8.63	-	-	Alluvium
1333	R	16.1	-	-	Alluvium
1333	T	7.86	-	-	Alluvium
1333	T	7.61	1.17	151.	Alluvium
1333	Z	9.00	-	171.	Alluvium
1333	R	16.0	2.42	151.	Alluvium
2222	Z	4.64	-	-	Alluvium
2222	R	6.34	-	-	Alluvium
2222	T	5.27	-	-	Alluvium
2222	T	5.56	0.903	58.4	Alluvium
2222	Z	4.84	0.506	98.0	Alluvium
2222	R	6.46	1.11	109.	Alluvium
4054	T	3.83	0.622	28.8	Alluvium
4054	Z	2.82	0.323	39.1	Alluvium
4054	R	6.52	0.964	42.4	Alluvium
7821	R	1.22	-	-	Alluvium
7821	T	0.921	-	-	Alluvium
7821	T	1.48	0.175	17.6	Alluvium
7821	Z	1.18	-	9.42	Alluvium
7821	R	2.12	0.181	16.7	Alluvium
9912	R	1.68	-	-	Alluvium
9912	T	1.52	-	-	Alluvium
9912	T	1.45	0.316	11.7	Alluvium
9912	R	1.49	0.264	12.7	Alluvium
14140	T	1.16	0.232	11.0	Alluvium
14140	Z	0.542	0.125	5.60	Alluvium
14140	R	1.24	0.187	9.51	Alluvium
14543	R	0.297	-	-	Alluvium
14543	T	0.464	-	-	Alluvium
14543	T	0.491	0.0515	4.66	Alluvium
14543	Z	-	-	1.72	Alluvium
14543	R	-	0.0460	2.43	Alluvium
17073	R	0.601	-	-	Alluvium
17073	T	0.617	-	-	Alluvium
17073	T	-	0.163	3.17	Alluvium
17073	Z	-	0.0690	2.27	Alluvium

Event No. 6135	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
17073	R	1.02	0.0979	3.34	Alluvium
19462	R	9.55	-	-	Quartzite
19462	R	-	0.00370	-	Quartzite

Event No. 6147	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
15200	Z	-	-	1.30	Carbonate
15200	N-S	-	0.0380	3.04	Carbonate
15200	E-W	-	0.0707	1.99	Carbonate
20000	N-S	-	0.0114	-	Carbonate
20000	N-S	-	0.0194	-	Carbonate
20000	E-W	-	0.0215	-	Carbonate
20300	N-S	-	0.0126	-	Undetermined
20300	E-W	-	0.0196	-	Undetermined
36530	Z	-	-	1.48	Tuff
36530	N-S	-	0.0227	1.76	Tuff
36530	E-W	-	0.0255	2.19	Tuff
36760	Z	0.0589	-	-	Tuff
36760	N-S	0.0798	-	-	Tuff
36760	E-W	0.0655	-	-	Tuff
36900	N-S	-	0.0257	1.24	Alluvium
36900	E-W	-	0.0324	1.18	Alluvium
44400	N-S	-	0.0163	-	Alluvium
44400	E-W	-	0.0186	-	Alluvium
64000	Z	0.0186	-	-	Undetermined
64000	R	0.0183	-	-	Undetermined
64000	T	0.0180	-	-	Undetermined
80000	Z	0.0189	-	-	Alluvium
80000	R	0.0236	-	-	Alluvium
80000	T	0.0229	-	-	Alluvium
96000	N-S	-	0.00220	-	Alluvium
96000	R	0.0126	-	-	Alluvium
96000	E-W	-	0.00320	-	Alluvium
96000	T	0.00602	-	-	Alluvium
96000	Z	-	0.00220	-	Alluvium
112000	N-S	-	0.0118	-	Alluvium
112000	R	0.0292	-	-	Alluvium
112000	E-W	-	0.00880	-	Alluvium
112000	T	0.0191	-	-	Alluvium
112000	Z	0.00741	0.00950	-	Alluvium
125000	N-S	-	0.0352	2.16	Alluvium
125000	E-W	-	0.0458	1.97	Alluvium
125000	Z	0.00878	-	-	Alluvium
127000	N-S	-	0.0296	2.14	Alluvium
127000	E-W	-	0.0143	1.08	Alluvium
128000	N-S	-	0.0487	-	Alluvium
128000	E-W	-	0.0537	-	Alluvium
128000	N-S	-	0.0171	-	Alluvium

Event No. 6147	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
128000	E-W	-	0.0173	2.22	Alluvium
129000	N-S	-	0.0334	-	Alluvium
129000	E-W	-	0.0465	2.00	Alluvium
131000	Z	0.00889	-	-	Alluvium
131000	Z	-	0.000700	-	Alluvium
131000	N-S	-	0.00228	-	Alluvium
131000	E-W	-	0.00224	-	Alluvium
131000	N-S	-	0.00204	-	Alluvium
131000	R	0.0161	-	-	Alluvium
131000	E-W	-	0.00104	-	Alluvium
131000	T	0.0159	-	-	Alluvium

Event No. 6239	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
295	Z	-	-	1538.	Alluvium
297	Z	-	-	1568.	Alluvium
297	R	-	-	98.0	Alluvium
298	Z	-	-	1528.	Alluvium
298	R	-	-	190.	Alluvium
305	Z	-	-	1489.	Alluvium
305	R	-	-	314.	Alluvium
314	Z	-	-	1332.	Alluvium
314	R	-	-	272.	Alluvium
333	Z	-	-	1146.	Alluvium
333	R	-	-	328.	Alluvium
426	Z	-	-	729.	Alluvium
426	R	-	-	239.	Alluvium
546	Z	-	-	578.	Alluvium
546	R	-	-	157.	Alluvium
546	T	-	-	45.0	Alluvium
679	Z	-	-	317.	Alluvium
679	R	-	-	127.	Alluvium
819	Z	-	-	286.	Alluvium
819	R	-	-	134.	Alluvium
33000	Z	0.0244	-	-	Alluvium
33000	Z	0.0245	-	-	Alluvium
33000	Z	0.0244	-	-	Alluvium
33000	N-S	0.0433	-	-	Alluvium
35000	N-S	-	0.00910	1.40	Tuff
35000	E-W	-	0.0116	-	Tuff
63000	Z	0.00239	-	-	Undetermined
63000	R	0.00506	-	-	Undetermined
63000	T	0.00600	-	-	Undetermined
79500	Z	0.0116	-	-	Alluvium
79500	R	0.0222	-	-	Alluvium
79500	T	0.0199	-	-	Alluvium
96500	R	0.00274	-	-	Alluvium
96500	T	0.00321	-	-	Alluvium
96500	Z	0.00116	-	-	Alluvium
112000	R	0.0101	-	-	Alluvium
112000	T	0.00878	-	-	Alluvium
112000	Z	0.00381	-	-	Alluvium
125000	N-S	-	0.00991	1.14	Alluvium
125000	E-W	-	0.0148	-	Alluvium
126000	N-S	-	0.0125	-	Alluvium
130000	Z	0.00244	-	-	Alluvium

Event No. 6239	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
130000	Z	-	0.000230	-	Alluvium
130000	N-S	-	0.000910	-	Alluvium
130000	E-W	-	0.000770	-	Alluvium
130000	N-S	0.00558	0.000514	-	Alluvium
130000	E-W	0.00521	0.000400	-	Alluvium

Event No. 6356	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
14900	R	0.606	-	-	Carbonate
14900	T	0.779	-	-	Carbonate
14900	T	0.696	0.150	6.12	Carbonate
14900	Z	0.552	-	4.74	Carbonate
14900	R	0.569	0.181	4.88	Carbonate
17850	Z	1.17	0.0940	5.31	Granite
17850	T	0.389	0.121	4.25	Granite
17850	R	0.339	0.0755	4.47	Granite
19150	Z	-	-	5.16	Carbonate
19150	T	-	0.1000	4.13	Carbonate
19150	R	-	0.0800	4.65	Carbonate
19150	Z	-	-	3.82	Carbonate
19150	T	-	0.108	4.82	Carbonate
19150	R	-	0.0729	4.19	Carbonate
33200	Z	0.150	-	-	Alluvium
33200	Z	0.140	-	-	Alluvium
33200	Z	0.140	-	-	Alluvium
33200	R	0.254	-	-	Alluvium
35700	Z	-	-	3.97	Tuff
35700	T	-	0.0648	4.60	Tuff
35700	R	-	0.0738	3.52	Tuff
45000	R	0.217	-	-	Alluvium
45000	T	0.264	-	-	Alluvium
45000	T	0.178	0.0361	2.24	Alluvium
45000	Z	0.218	-	2.41	Alluvium
45000	R	0.265	0.0325	3.27	Alluvium
54000	R	0.0991	-	-	Tuff
54000	T	0.0791	-	-	Tuff
54000	T	0.113	0.0444	1.27	Tuff
54000	Z	0.114	-	0.950	Tuff
54000	R	0.103	0.0748	1.27	Tuff
54000	R	0.289	-	-	Tuff
54000	T	0.636	-	-	Tuff
54000	T	0.604	0.0541	1.14	Tuff
54000	Z	0.302	-	0.764	Tuff
54000	R	0.248	-	0.774	Tuff
65500	R	0.0822	0.0120	3.33	Undetermined
65500	T	0.115	0.0184	3.99	Undetermined
65500	Z	0.0400	0.00857	1.54	Undetermined
81500	R	0.380	0.0774	17.4	Alluvium
81500	T	0.256	0.0426	9.89	Alluvium
81500	Z	0.193	0.0439	6.59	Alluvium

Event No. 6356	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
98200	R	0.0593	0.0146	2.06	Alluvium
98200	T	0.0544	0.0104	1.63	Alluvium
98200	Z	0.0539	0.00918	1.46	Alluvium
114000	R	0.108	0.0148	2.30	Alluvium
114000	T	0.134	0.0263	3.15	Alluvium
114000	Z	0.101	0.0168	2.25	Alluvium
128000	R	0.930	-	-	Alluvium
128000	T	0.590	0.0799	6.61	Alluvium
128000	Z	-	0.157	2.88	Alluvium
128000	R	1.01	0.0990	8.23	Alluvium
132000	R	0.0813	0.0180	1.96	Alluvium
132000	T	0.0636	0.0167	1.59	Alluvium
132000	Z	0.0514	0.00732	2.57	Alluvium

Event No. 6475	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
619	Z	-	-	3194.	Alluvium
619	T	-	-	1293.	Alluvium
876	Z	-	-	2312.	Alluvium
876	R	-	-	1078.	Alluvium
876	T	-	-	456.	Alluvium
1160	Z	-	-	1205.	Alluvium
1160	R	-	-	469.	Alluvium
1160	T	-	-	426.	Alluvium
1500	Z	-	-	667.	Alluvium
1500	T	-	-	639.	Alluvium
1500	R	-	-	579.	Alluvium
1500	R	-	-	612.	Alluvium
1700	Z	-	2.46	967.	Alluvium
1700	T	-	3.06	561.	Alluvium
1700	R	-	8.20	480.	Alluvium
1990	Z	-	3.11	525.	Alluvium
1990	T	-	3.85	494.	Alluvium
1990	R	-	6.55	496.	Alluvium
2310	Z	-	-	427.	Alluvium
2310	T	-	2.02	514.	Alluvium
2310	R	-	3.30	460.	Alluvium
3700	Z	-	0.516	110.	Alluvium
3700	T	-	0.888	123.	Alluvium
3700	R	-	1.65	164.	Alluvium
5300	Z	-	0.565	47.6	Alluvium
5300	T	-	1.04	44.5	Alluvium
5300	R	-	1.46	70.5	Alluvium
7030	Z	-	0.382	44.2	Alluvium
7030	T	-	0.514	56.3	Alluvium
7030	R	-	0.758	60.2	Alluvium
8600	Z	-	0.209	11.2	Granite
8600	T	-	0.178	9.89	Granite
8600	R	-	0.180	8.95	Granite
9300	Z	-	0.0720	50.4	Alluvium
9300	T	-	0.286	33.3	Alluvium
9300	R	-	0.476	30.4	Alluvium
10000	Z	-	0.0645	10.1	Carbonate
10000	N-S	-	0.246	13.6	Carbonate
10000	E-W	-	0.222	13.1	Carbonate
11900	Z	-	0.0495	6.30	Undetermined
11900	T	-	0.111	9.11	Undetermined
11900	R	-	0.108	10.7	Undetermined

Event No. 6475	Medium Tuff	Magnitude (mb)			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
13420	Z	-	-	4.92	Carbonate
13420	T	-	0.143	6.86	Carbonate
13420	R	-	0.0803	4.12	Carbonate
24000	Z	-	0.0400	5.41	Carbonate
24000	N-S	-	0.109	3.94	Carbonate
24000	E-W	-	0.147	4.64	Carbonate
41000	Z	0.181	-	-	Alluvium
41000	Z	0.163	-	-	Alluvium
41000	Z	0.153	-	-	Alluvium
41000	N-S	0.172	-	-	Alluvium
42600	R	-	-	3.88	Tuff
42600	N-S	0.302	0.0852	-	Tuff
42600	E-W	1.01	0.0815	-	Tuff
42600	Z	0.201	-	2.58	Tuff
54000	Z	-	-	2.41	Alluvium
54000	N-S	-	0.0379	1.70	Alluvium
54000	E-W	-	0.0451	1.59	Alluvium
56000	Z	-	-	0.766	Tuff
56000	N-S	-	0.0576	0.924	Tuff
56000	E-W	-	0.0481	0.989	Tuff
68000	Z	-	-	0.989	Tuff
68000	N-S	-	0.0291	1.27	Tuff
68000	E-W	-	0.0350	1.51	Tuff
72000	Z	0.0270	-	-	Undetermined
72000	R	0.0422	-	-	Undetermined
72000	T	0.0295	-	-	Undetermined
88000	R	0.143	0.0531	-	Alluvium
88000	T	0.107	0.0397	-	Alluvium
88000	Z	0.0908	0.0312	-	Alluvium
106000	Z	-	0.0105	-	Alluvium
106000	R	-	0.0119	-	Alluvium
106000	T	-	0.00980	-	Alluvium
106000	R	0.0338	-	0.708	Alluvium
106000	N-S	-	0.0153	-	Alluvium
106000	E-W	-	0.0160	-	Alluvium
106000	T	0.0232	-	0.700	Alluvium
106000	Z	0.0294	0.0137	0.925	Alluvium
121000	Z	-	0.0293	-	Alluvium
121000	R	-	0.0334	-	Alluvium
121000	T	-	0.0262	-	Alluvium
121000	R	0.0955	-	1.47	Alluvium
121000	N-S	-	0.0450	-	Alluvium

Event No. 6475	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
121000	T	0.0873	-	1.72	Alluvium
121000	E-W	-	0.0456	-	Alluvium
121000	Z	0.0724	0.0325	1.06	Alluvium
134000	T	-	-	2.12	Alluvium
134000	E-W	-	0.0970	-	Alluvium
134000	R	-	-	4.19	Alluvium
134000	N-S	-	0.0940	-	Alluvium
136000	Z	-	0.128	1.29	Alluvium
136000	N-S	-	-	2.70	Alluvium
136000	T	-	-	2.58	Alluvium
136000	E-W	-	0.0590	-	Alluvium
136000	E-W	-	0.107	-	Alluvium
136000	R	-	-	4.43	Alluvium
136000	N-S	-	0.137	-	Alluvium
136000	Z	0.0201	-	-	Alluvium
136000	N-S	0.0503	-	-	Alluvium
136000	E-W	0.0436	-	-	Alluvium
136000	T	-	-	5.46	Alluvium
136000	T	-	-	5.46	Alluvium
136000	R	-	-	3.98	Alluvium
136000	N-S	-	0.0512	-	Alluvium
137000	Z	-	0.00690	-	Alluvium
137000	R	-	0.0188	-	Alluvium
137000	T	-	0.0273	-	Alluvium
137000	R	0.0550	-	0.798	Alluvium
137000	N-S	-	0.0148	-	Alluvium
137000	T	0.0791	-	1.23	Alluvium
137000	E-W	-	0.0148	-	Alluvium
137000	Z	0.0296	0.00720	1.33	Alluvium

Event No. 6476	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1214	Z	-	-	6272.	Alluvium
1313	Z	326.	-	7056.	Alluvium
1313	R	220.	-	-	Alluvium
1725	Z	216.	-	3822.	Alluvium
1725	R	64.0	-	-	Alluvium
8700	Z	-	-	699.	Alluvium
8700	R	-	-	504.	Alluvium
8700	T	-	-	622.	Alluvium
8700	Z	-	-	712.	Alluvium
8700	T	-	-	490.	Alluvium
12700	Z	-	-	228.	Tuff
12700	R	-	-	201.	Tuff
12700	T	-	-	94.9	Tuff
20200	Z	-	-	66.8	Tuff
20200	N-S	-	-	74.4	Tuff
20200	E-W	-	3.37	58.9	Tuff
22700	Z	-	1.98	35.6	Tuff
22700	R	-	-	33.2	Tuff
22700	T	-	1.00	29.6	Tuff
22700	Z	-	-	98.9	Alluvium
22700	R	-	-	92.7	Alluvium
22700	T	-	-	58.9	Alluvium
22900	Z	-	1.38	76.7	Tuff
22900	R	-	-	35.4	Tuff
22900	T	-	-	43.8	Tuff
24800	Z	-	0.495	23.5	Undetermined
24800	N-S	-	-	20.7	Undetermined
24800	E-W	-	0.930	44.1	Undetermined
28900	Z	-	-	27.6	Tuff
28900	N-S	-	-	14.4	Tuff
28900	E-W	-	-	14.0	Tuff
33000	Z	-	-	13.0	Carbonate
33000	N-S	-	-	9.99	Carbonate
33000	E-W	-	-	15.5	Carbonate
42000	Z	-	0.609	36.4	Alluvium
42000	R	-	1.34	38.8	Alluvium
42000	T	-	0.821	20.1	Alluvium
51700	Z	-	-	9.74	Carbonate
51700	N-S	-	0.269	6.23	Carbonate
51700	E-W	-	0.878	-	Carbonate
52500	Z	-	-	47.9	Alluvium
52500	N-S	-	0.623	24.5	Alluvium

Event No. 6476	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
52500	E-W	-	1.13	24.3	Alluvium
54000	Z	0.945	0.403	4.21	Tuff
54000	R	0.706	0.279	5.08	Tuff
54000	T	0.382	0.147	3.72	Tuff
54000	Z	-	-	6.27	Alluvium
54000	N-S	-	0.412	16.0	Alluvium
54000	E-W	-	0.248	15.8	Alluvium
54000	Z	1.18	0.440	10.0	Alluvium
54000	R	1.65	0.513	15.4	Alluvium
54000	T	0.876	0.283	16.3	Alluvium
55800	Z	-	-	19.8	Alluvium
55800	N-S	-	-	13.7	Alluvium
55800	E-W	-	-	9.89	Alluvium
55800	R	1.19	0.294	17.2	Alluvium
55800	T	1.82	0.466	12.4	Alluvium
55800	Z	-	-	19.8	Alluvium
55800	N-S	-	-	13.7	Alluvium
55800	E-W	-	-	9.89	Alluvium
62800	Z	-	-	6.79	Tuff
62800	R	-	0.347	16.0	Tuff
62800	T	-	0.670	11.6	Tuff
78000	Z	-	-	7.51	Alluvium
78000	R	-	-	8.21	Alluvium
78000	T	-	-	8.91	Alluvium
80400	Z	0.547	0.106	12.4	Alluvium
80400	R	0.571	0.171	7.98	Alluvium
80400	T	0.386	0.149	8.09	Alluvium
86000	Z	-	-	4.66	Carbonate
86000	R	-	-	6.01	Carbonate
86000	T	-	-	4.02	Carbonate
88000	Z	-	0.115	14.8	Alluvium
88000	N-S	-	0.738	5.57	Alluvium
88000	E-W	-	0.220	7.57	Alluvium
102000	Z	-	0.0972	13.6	Alluvium
102000	N-S	-	-	16.2	Alluvium
102000	E-W	-	0.132	13.2	Alluvium
107000	Z	0.436	0.109	9.42	Undetermined
107000	R	0.338	0.118	8.58	Undetermined
107000	T	0.265	0.0991	7.74	Undetermined
112000	Z	0.472	0.0856	9.69	Andesite
112000	R	0.522	0.119	8.13	Andesite
112000	T	0.426	0.142	5.36	Andesite

Event No. 6476	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
112000	Z	-	0.103	8.83	Andesite
112000	N-S	-	0.207	4.60	Andesite
112000	E-W	-	0.140	5.19	Andesite
112000	Z	-	-	12.2	Andesite
112000	N-S	-	0.101	10.2	Andesite
112000	E-W	-	0.204	8.97	Andesite
112000	Z	0.549	0.0940	12.7	Conglomerate
112000	R	0.971	0.163	28.0	Conglomerate
112000	T	0.556	0.186	9.99	Conglomerate
113000	Z	0.820	0.160	11.7	Alluvium
113000	R	0.686	0.196	7.37	Alluvium
113000	T	0.905	0.307	9.41	Alluvium
113000	Z	-	-	10.1	Alluvium
113000	N-S	-	-	9.99	Alluvium
113000	E-W	-	-	7.84	Alluvium
123800	Z	-	-	8.44	Alluvium
123800	N-S	-	-	6.63	Alluvium
123800	E-W	-	-	4.14	Alluvium
141000	Z	-	0.207	-	Alluvium
141000	N-S	-	0.296	-	Alluvium
141000	E-W	-	0.132	-	Alluvium
170000	Z	-	0.715	16.3	Alluvium
170000	T	-	0.576	23.5	Alluvium
170000	R	-	0.600	10.9	Alluvium
170000	Z	-	0.231	7.54	Alluvium
170000	R	-	0.949	16.6	Alluvium
170000	T	-	0.671	19.9	Alluvium
170000	Z	-	0.546	5.68	Alluvium
170000	N-S	-	0.378	4.39	Alluvium
170000	E-W	-	0.342	3.78	Alluvium
171000	Z	0.773	0.145	6.61	Alluvium
171000	R	0.875	0.317	5.53	Alluvium
171000	T	0.989	0.448	4.98	Alluvium
171000	Z	-	0.244	1.24	Alluvium
171000	T	-	0.734	6.77	Alluvium
171000	R	-	0.340	9.99	Alluvium
171000	Z	-	-	4.52	Alluvium
171000	T	-	-	4.47	Alluvium
171000	R	-	-	4.74	Alluvium
172000	Z	-	0.164	4.88	Alluvium
172000	T	-	0.396	17.9	Alluvium

Event No. 6476	Medium Tuff	Magnitude (mb) 6.3			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
172000	R	-	-	20.7	Alluvium
172000	Z	-	-	4.56	Alluvium
172000	N-S	-	0.440	10.2	Alluvium
172000	E-W	-	0.352	16.3	Alluvium
172000	Z	-	0.174	6.28	Alluvium
172000	N-S	-	0.585	15.8	Alluvium
172000	E-W	-	0.660	21.1	Alluvium
172000	Z	-	0.869	4.65	Alluvium
172000	N-S	-	0.660	16.2	Alluvium
172000	E-W	-	1.41	17.6	Alluvium
172000	Z	-	0.215	5.78	Alluvium
172000	N-S	-	0.372	19.9	Alluvium
172000	E-W	-	0.439	17.0	Alluvium
173000	Z	0.554	0.127	2.75	Alluvium
173000	N-S	1.14	0.275	4.32	Alluvium
173000	E-W	0.959	0.307	4.54	Alluvium
175000	Z	0.555	0.128	5.08	Alluvium
175000	N-S	0.720	0.197	3.15	Alluvium
175000	E-W	0.724	0.205	3.50	Alluvium
175000	Z	-	0.0800	4.32	Alluvium
175000	N-S	-	0.265	3.82	Alluvium
175000	E-W	-	0.286	3.92	Alluvium
175000	Z	-	0.140	-	Alluvium
175000	N-S	-	0.187	-	Alluvium
175000	E-W	-	0.257	-	Alluvium

Event No. 6536	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
970	Z	16.5	-	-	Alluvium
970	R	14.8	-	-	Alluvium
970	T	7.46	-	-	Alluvium
970	T	6.40	0.689	163.	Alluvium
970	Z	8.50	2.00	128.	Alluvium
970	R	11.5	1.72	187.	Alluvium
1869	Z	4.58	-	-	Alluvium
1869	R	5.05	-	-	Alluvium
1869	T	3.71	-	-	Alluvium
1869	T	4.18	0.602	69.0	Alluvium
1869	Z	4.67	0.388	105.	Alluvium
1869	R	5.20	0.855	138.	Alluvium
3715	Z	1.49	-	-	Alluvium
3715	R	3.94	-	-	Alluvium
3715	T	2.47	-	-	Alluvium
3715	T	2.35	0.372	39.0	Alluvium
3715	Z	2.32	0.228	37.2	Alluvium
3715	R	4.01	0.617	31.8	Alluvium
7456	R	1.21	-	-	Alluvium
7456	T	1.21	-	-	Alluvium
7456	T	1.34	0.179	17.1	Alluvium
7456	Z	1.38	0.190	14.0	Alluvium
7456	R	1.22	0.168	16.4	Alluvium
9541	R	0.770	-	-	Alluvium
9541	T	0.732	-	-	Alluvium
9541	T	0.725	0.110	6.33	Alluvium
9541	Z	0.741	-	7.84	Alluvium
9541	R	0.730	0.115	7.69	Alluvium
13771	R	0.702	-	-	Alluvium
13771	T	0.915	-	-	Alluvium
13771	T	0.856	0.114	11.6	Alluvium
13771	Z	0.393	0.0345	3.73	Alluvium
13771	R	0.753	0.125	5.95	Alluvium
14170	R	0.293	-	-	Alluvium
14170	T	0.452	-	5.76	Alluvium
14170	Z	-	-	1.57	Alluvium
14170	R	0.301	0.0407	2.75	Alluvium
16710	T	-	0.0582	-	Alluvium
16710	Z	-	0.0595	-	Alluvium
16710	R	-	0.0598	-	Alluvium
19097	R	-	0.00284	-	Quartzite
20099	R	-	0.00766	-	Granite
20099	T	-	0.0104	-	Granite

Event No. 6586	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
131000	Z	-	0.00477	-	Alluvium
131000	N-S	-	0.0144	-	Alluvium
131000	E-W	-	0.0147	-	Alluvium
131000	Z	-	0.00104	-	Alluvium
131000	N-S	-	0.00372	-	Alluvium
131000	E-W	-	0.00420	-	Alluvium

Event No. 6590	Medium Tuff	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
5970	Z	-	2.37	117.	Alluvium
5970	N-S	-	0.872	177.	Alluvium
5970	E-W	-	1.27	-	Alluvium
17000	Z	-	0.0663	21.0	Undetermined
17000	N-S	-	0.141	14.6	Undetermined
17000	E-W	-	0.171	15.8	Undetermined
17300	Z	-	-	5.45	Carbonate
17300	N-S	-	0.430	5.28	Carbonate
17300	E-W	-	0.703	5.01	Carbonate
38200	Z	-	0.0836	2.59	Alluvium
38200	N-S	-	0.182	3.21	Alluvium
38200	E-W	-	0.139	3.34	Alluvium
47700	Z	0.147	0.0440	2.37	Alluvium
47700	R	0.219	0.0582	2.22	Alluvium
47700	T	0.204	0.0438	2.12	Alluvium
47700	Z	-	-	1.49	Alluvium
47700	N-S	-	0.0680	2.68	Alluvium
47700	E-W	-	0.196	2.48	Alluvium
66000	Z	0.0778	0.0285	0.710	Undetermined
66000	R	0.0945	0.0300	1.06	Undetermined
66000	T	0.0782	0.0307	0.896	Undetermined
85000	E-W	-	-	1.58	Alluvium
85000	N-S	-	-	1.49	Alluvium
99000	Z	-	0.0130	-	Alluvium
99000	N-S	-	0.0133	-	Alluvium
99000	E-W	-	0.01000	-	Alluvium
115000	Z	0.0969	0.0292	0.707	Alluvium
115000	R	0.117	0.0321	0.933	Alluvium
115000	T	0.166	0.0569	1.33	Alluvium
115000	Z	-	0.0316	-	Alluvium
115000	N-S	-	0.0517	-	Alluvium
115000	E-W	-	0.0400	-	Alluvium
128000	Z	0.0728	0.0181	0.895	Alluvium
128000	R	0.163	0.0786	0.852	Alluvium
128000	T	0.242	0.0880	0.906	Alluvium
128000	Z	0.0714	0.0182	0.967	Alluvium
128000	R	0.144	0.0542	0.917	Alluvium
128000	T	0.266	0.0893	0.852	Alluvium
135000	Z	0.0695	0.0169	0.882	Alluvium
135000	N-S	0.170	0.0555	0.854	Alluvium
135000	E-W	0.145	0.0464	0.633	Alluvium
135000	Z	-	-	0.916	Alluvium

Event No. 6590	Medium Tuff	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
135000	N-S	-	0.0676	-	Alluvium
135000	E-W	-	0.0763	-	Alluvium
135000	Z	-	0.00850	-	Alluvium
135000	N-S	-	0.0140	-	Alluvium
135000	E-W	-	0.0160	-	Alluvium
154000	Z	0.103	0.0123	0.980	Alluvium
154000	R	0.0611	0.0140	1.32	Alluvium
154000	T	0.0465	0.00939	0.989	Alluvium
154000	Z	0.0852	0.0108	0.793	Andesite
154000	R	0.0451	0.0113	0.497	Andesite
154000	T	0.0350	0.00760	0.504	Andesite

Event No. 6797	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
14539	R	-	0.0611	2.68	Alluvium
19279	Z	-	-	0.784	Quartzite
19279	R	-	0.0123	0.637	Quartzite
19279	T	-	0.0112	0.774	Quartzite
20564	R	0.0662	-	-	Granite
20564	T	0.0359	-	-	Granite
20564	T	-	0.00636	-	Granite
20564	R	-	0.0114	-	Granite

Event No. 6797	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
260	Z	-	-	1568.	Alluvium
292	Z	-	-	833.	Alluvium
370	Z	59.4	-	627.	Alluvium
370	R	61.0	-	-	Alluvium
587	Z	-	-	284.	Alluvium
1488	R	11.3	-	-	Alluvium
1488	T	5.73	-	-	Alluvium
1488	T	4.58	1.12	53.4	Alluvium
1488	Z	5.78	0.240	64.8	Alluvium
1488	R	12.7	1.98	124.	Alluvium
2417	R	6.73	-	-	Alluvium
2417	T	4.57	-	-	Alluvium
2417	T	4.09	0.817	49.1	Alluvium
2417	Z	4.35	0.0958	52.9	Alluvium
2417	R	5.88	1.32	79.7	Alluvium
4227	R	0.527	-	-	Alluvium
4227	T	0.528	-	-	Alluvium
4227	R	0.791	0.0838	12.3	Alluvium
4227	T	0.776	0.0688	12.1	Alluvium
4227	Z	-	0.0808	5.83	Alluvium
5650	R	0.867	-	-	Alluvium
5650	T	0.776	-	-	Alluvium
5650	R	0.830	0.167	9.76	Alluvium
5650	T	0.767	0.0760	9.99	Alluvium
5650	Z	0.427	0.0789	7.85	Alluvium
8111	R	1.06	-	-	Alluvium
8111	T	0.553	-	-	Alluvium
8111	R	1.12	0.196	9.16	Alluvium
8111	T	0.691	0.0895	10.6	Alluvium
8111	Z	0.714	0.0909	6.76	Alluvium
12684	Z	-	-	1.32	Alluvium
12684	R	-	0.0364	1.84	Alluvium
12684	T	-	0.0277	1.13	Alluvium
14197	R	1.28	-	-	Alluvium
14197	T	0.894	-	-	Alluvium
14197	T	0.662	0.180	7.59	Alluvium
14197	Z	-	-	3.67	Alluvium
14197	R	1.31	0.281	10.4	Alluvium
14539	R	0.307	-	-	Alluvium
14539	T	0.480	-	-	Alluvium
14539	T	0.441	0.0714	4.15	Alluvium
14539	Z	-	0.0275	2.16	Alluvium

Event No. 6904	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
10790	T	0.684	0.113	8.85	Carbonate
10790	Z	0.650	0.0950	14.1	Carbonate
10790	R	1.90	0.268	19.3	Carbonate
14520	R	0.723	-	-	Tuff
14520	T	0.688	-	-	Tuff
14520	T	-	0.162	3.53	Tuff
14520	Z	-	0.0427	4.73	Tuff
14520	R	0.716	0.152	7.55	Tuff
16150	T	-	0.170	9.03	Tuff
16150	Z	-	-	6.63	Tuff
16150	R	-	0.203	18.1	Tuff
24590	R	0.710	-	-	Tuff
24590	T	1.21	-	-	Tuff
24590	T	0.666	0.138	5.36	Tuff
24590	Z	0.349	-	4.27	Tuff
24590	R	0.629	0.139	4.76	Tuff
37820	R	1.18	-	-	Tuff
37820	T	0.847	-	-	Tuff
43310	Z	0.217	-	-	Tuff
43310	R	0.256	-	-	Tuff
43310	T	0.191	-	-	Tuff
67650	Z	0.0359	-	-	Tuff
67650	R	0.0523	-	-	Tuff
67650	T	0.0380	-	-	Tuff
69590	T	0.0667	0.00116	1.04	Tuff
69590	Z	0.0331	0.0123	0.627	Tuff
69590	R	0.0505	0.00978	1.19	Tuff
92730	T	0.0573	0.0131	0.758	Alluvium
92730	Z	0.0381	0.00620	1.02	Alluvium
92730	R	0.0425	0.0107	0.870	Alluvium
92790	Z	0.0428	-	-	Conglomerate
92790	R	0.0439	-	-	Conglomerate
92790	T	0.0450	-	-	Conglomerate
105500	T	0.161	0.0242	2.42	Alluvium
105500	Z	0.165	0.0165	4.11	Alluvium
105500	R	0.187	0.0245	3.40	Alluvium
111300	T	0.111	0.0117	1.66	Alluvium
111300	Z	0.0989	-	2.47	Alluvium
111300	R	0.212	0.0194	2.63	Alluvium
135800	N-S	-	0.00876	-	Alluvium
135800	E-W	-	0.0268	-	Alluvium

Event No. 7294	Medium Alluvium	Magnitude (mb) 4.2			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
243	Z	-	-	2156.	Alluvium
268	Z	-	-	1862.	Alluvium
341	Z	-	-	1078.	Alluvium
341	R	33.5	-	-	Alluvium
437	Z	-	-	392.	Alluvium
437	R	23.5	-	-	Alluvium
1431	Z	-	0.0229	-	Alluvium
1431	T	-	0.0548	-	Alluvium
1769	Z	-	-	80.3	Alluvium
1769	R	-	0.592	78.4	Alluvium
1769	T	-	0.312	52.0	Alluvium
3109	Z	-	0.272	60.8	Alluvium
3109	R	-	0.510	53.2	Alluvium
3109	T	-	0.511	64.4	Alluvium
4450	Z	-	0.213	28.1	Alluvium
4450	R	-	0.449	24.2	Alluvium
4450	T	-	0.852	24.6	Alluvium
7352	Z	-	-	9.99	Alluvium
7852	R	-	0.142	10.1	Alluvium
7852	T	-	0.162	12.5	Alluvium
9775	Z	-	0.112	8.20	Alluvium
9775	R	-	0.103	7.89	Alluvium
9775	T	-	0.119	8.93	Alluvium
14050	Z	-	0.0965	3.76	Alluvium
14050	R	-	0.141	9.12	Alluvium
14050	T	-	0.108	7.73	Alluvium
14316	R	-	0.0363	-	Alluvium
17060	R	-	0.0617	-	Alluvium
17060	T	-	0.0545	-	Alluvium
18836	R	-	0.00284	1.85	Quartzite
18836	T	-	-	1.36	Quartzite
20461	R	-	0.00901	-	Granite
20461	T	-	0.00711	-	Granite

Event No. 7358	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
593	Z	18.4	-	-	Alluvium
593	R	15.1	-	-	Alluvium
593	T	7.88	-	-	Alluvium
593	T	6.82	0.612	192.	Alluvium
593	Z	22.7	1.16	621.	Alluvium
593	R	16.7	1.30	381.	Alluvium
1011	Z	8.24	-	-	Alluvium
1011	R	6.00	-	-	Alluvium
1011	T	6.11	-	-	Alluvium
1011	T	8.38	0.592	189.	Alluvium
1011	Z	5.02	0.735	105.	Alluvium
1011	R	6.14	0.824	124.	Alluvium
4986	R	1.15	-	-	Alluvium
4986	T	1.68	-	-	Alluvium
4986	T	1.52	0.260	21.6	Alluvium
4986	Z	1.06	0.0635	17.7	Alluvium
4986	R	1.20	0.138	21.3	Alluvium
5246	R	1.53	-	-	Alluvium
5246	T	1.26	-	-	Alluvium
5246	T	1.62	0.127	25.5	Alluvium
5246	Z	1.05	0.361	21.2	Alluvium
5246	R	3.34	0.136	50.7	Alluvium
5651	R	0.934	-	-	Alluvium
5651	T	1.04	-	-	Alluvium
5651	T	1.20	0.103	17.8	Alluvium
5651	Z	-	0.0507	-	Alluvium
5651	R	0.972	0.0853	17.5	Alluvium
8266	Z	0.665	-	-	Alluvium
8266	R	0.774	-	-	Alluvium
8266	T	0.970	-	-	Alluvium
8266	T	-	0.0761	-	Alluvium
8266	Z	-	0.111	-	Alluvium
8266	R	-	0.107	-	Alluvium
11442	T	0.102	0.0141	2.45	Quartzite
11442	Z	0.0892	-	2.44	Quartzite
11442	R	0.0890	0.0173	2.45	Quartzite
11664	R	0.142	-	-	Granite
11664	T	0.0569	-	-	Granite
11664	T	-	0.00747	-	Granite
11664	R	-	0.0165	-	Granite

Event No. 7493	Medium Alluvium	Magnitude (mb) 3.8			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
11600	Z	0.0455	0.00890	0.989	Undetermined
11600	R	0.0328	0.00338	0.801	Undetermined
11600	T	0.0545	0.00558	1.55	Undetermined
39200	Z	0.0133	0.00179	0.301	Tuff
39200	R	0.0148	0.00217	0.307	Tuff
39200	T	0.0206	0.00253	0.460	Tuff
44700	Z	0.00684	0.00123	0.128	Tuff
44700	R	0.0107	0.00178	0.185	Tuff
44700	T	0.00985	0.00234	0.206	Tuff
52800	Z	0.00396	0.000924	0.0848	Tuff
52800	R	0.00660	0.00106	0.116	Tuff
52800	T	0.00606	0.00129	0.129	Tuff
65700	Z	0.00222	0.000352	0.0376	Tuff
65700	R	0.00400	0.000565	0.0666	Tuff
65700	T	0.00312	0.000358	0.0490	Tuff
80900	Z	0.00614	0.000423	0.125	Tuff
80900	R	0.00355	0.000478	0.0666	Tuff
80900	T	0.00402	0.000665	0.0597	Tuff
100000	Z	0.00695	0.000528	0.112	Tuff
100000	R	0.00209	0.000279	0.0408	Tuff
100000	T	0.00220	0.000358	0.0446	Tuff

Event No.	Medium	Magnitude (mb)			
7649	Tuff	-			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
18863	Z	-	-	5.31	Undetermined
18863	N-S	-	0.0221	3.14	Undetermined
18863	E-W	-	0.0253	3.11	Undetermined
38000	Z	-	-	1.78	Tuff
38000	N-S	-	-	2.34	Tuff
38000	E-W	-	0.0276	2.11	Tuff
128000	Z	-	0.00231	-	Alluvium
128000	N-S	-	0.00572	-	Alluvium
128000	E-W	-	0.00572	-	Alluvium

Event No. 7901	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
43810	Z	0.150	-	-	Carbonate
43810	R	0.272	-	-	Carbonate
43810	T	0.368	-	-	Carbonate
46660	Z	0.960	0.315	12.8	Alluvium
46660	R	0.900	0.250	10.4	Alluvium
46660	T	0.820	0.331	10.2	Alluvium
49290	Z	0.943	0.269	8.42	Alluvium
49290	R	0.928	0.271	8.37	Alluvium
49290	Z	1.08	-	-	Alluvium
49290	R	1.11	-	-	Alluvium
49290	T	1.30	-	-	Alluvium
52680	Z	0.326	-	-	Tuff
52680	R	0.214	-	-	Tuff
52680	T	0.437	-	-	Tuff
53960	Z	0.128	-	-	Alluvium
53960	R	0.292	-	-	Alluvium
53960	T	0.159	-	-	Alluvium
72790	Z	0.119	-	-	Alluvium
72790	R	0.157	-	-	Alluvium
72790	T	0.146	-	-	Alluvium
105410	Z	0.453	-	-	Alluvium
105410	R	0.447	-	-	Alluvium
105410	T	0.618	-	-	Alluvium
105410	Z	0.496	-	-	Tuff
105410	R	0.338	-	-	Tuff
105410	T	0.443	-	-	Tuff
106990	Z	0.386	-	-	Alluvium
106990	R	0.330	-	-	Alluvium
106990	T	0.330	-	-	Alluvium
119350	Z	0.962	0.0330	26.1	Alluvium
119350	R	1.06	0.0530	37.7	Alluvium
119350	T	0.414	0.0184	11.0	Alluvium
119360	Z	0.556	0.0354	21.7	Andesite
119360	R	0.225	0.0284	5.57	Andesite
119360	T	0.313	0.0205	9.44	Andesite
160970	Z	0.238	-	-	Alluvium
160970	R	0.324	-	-	Alluvium
160970	T	0.305	-	-	Alluvium
163260	R	0.235	-	-	Alluvium
163260	T	0.154	-	-	Alluvium
163760	Z	0.223	-	-	Alluvium
163760	R	0.397	-	-	Alluvium

Event No. 7901	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
163760	T	0.342	-	-	Alluvium
166630	Z	0.227	-	-	Alluvium
166630	N-S	0.225	-	-	Alluvium
166630	E-W	0.227	-	-	Alluvium

Event No. 7933	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
915	Z	-	0.570	95.1	Alluvium
915	R	-	1.53	171.	Alluvium
915	T	-	0.489	144.	Alluvium
1340	Z	-	0.749	70.3	Alluvium
1340	R	-	1.04	128.	Alluvium
1340	T	-	0.373	110.	Alluvium
2110	Z	-	0.288	45.6	Alluvium
2110	R	-	0.507	87.9	Alluvium
2110	T	-	0.559	58.9	Alluvium
2345	Z	-	0.345	13.7	Alluvium
2345	R	-	0.269	21.1	Alluvium
2345	T	-	0.224	10.7	Alluvium
2920	Z	-	0.166	13.3	Alluvium
2920	R	-	0.236	25.1	Alluvium
2920	T	-	0.334	20.1	Alluvium
3590	Z	-	0.0889	9.36	Alluvium
3590	R	-	0.150	17.6	Alluvium
3590	T	-	0.0881	17.8	Alluvium
4520	Z	-	-	3.18	Alluvium
4520	R	-	0.0214	4.36	Alluvium
4520	T	-	0.0174	2.67	Alluvium
6180	Z	-	0.0877	5.34	Alluvium
6180	R	-	0.0608	7.74	Alluvium
6180	T	-	0.0608	8.21	Alluvium
10195	Z	-	-	1.85	Carbonate
10195	R	-	0.0135	1.65	Carbonate
10195	T	-	0.0122	2.44	Carbonate
11655	Z	-	-	1.87	Alluvium
11655	R	-	0.0198	2.89	Alluvium
11655	T	-	0.0201	1.70	Alluvium

Event No. 7943	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
33200	Z	-	0.0388	-	Alluvium
33200	N-S	-	0.0198	-	Alluvium
33200	E-W	-	0.0228	-	Alluvium
38900	Z	0.0330	0.00373	0.608	Alluvium
38900	R	0.0660	0.00592	0.950	Alluvium
38900	T	0.0600	0.00616	0.810	Alluvium
38920	Z	-	-	1.36	Alluvium
38920	R	-	0.0137	1.34	Alluvium
38920	T	-	0.0212	1.66	Alluvium
69000	Z	0.0776	0.00208	0.156	Alluvium
69000	R	0.0207	0.00255	0.431	Alluvium
69000	T	0.0200	0.00208	0.482	Alluvium
69000	Z	0.00545	0.00131	0.0842	Tuff
69000	R	0.00448	0.00113	0.0729	Tuff
69000	T	0.00409	0.00127	0.123	Tuff
75500	Z	0.0246	0.00651	0.377	Alluvium
75500	R	0.0371	0.00698	0.469	Alluvium
75500	T	0.0236	0.00588	0.300	Alluvium
108000	Z	-	0.00220	-	Alluvium
108000	N-S	-	0.00280	-	Alluvium
108000	E-W	-	0.00480	-	Alluvium
121000	N-S	-	0.00126	-	Alluvium
121000	E-W	-	0.000866	-	Alluvium
122000	Z	0.00898	0.00182	0.159	Alluvium
122000	R	0.0161	0.00413	0.165	Alluvium
122000	T	0.0138	0.00415	0.146	Alluvium
122000	N-S	-	0.0238	1.46	Alluvium
122000	E-W	-	0.0205	1.06	Alluvium
123000	N-S	-	0.0305	2.17	Alluvium
123000	E-W	-	0.0254	1.28	Alluvium
127000	N-S	-	0.000857	-	Alluvium
127000	E-W	-	0.000742	-	Alluvium
127000	Z	-	0.000420	-	Alluvium
127000	N-S	-	0.000721	-	Alluvium
127000	E-W	-	0.000735	-	Alluvium
160000	Z	0.00325	0.000754	0.0592	Andesite
160000	R	0.00622	0.00108	0.0999	Andesite
160000	T	0.00578	0.00126	0.0989	Andesite
160000	Z	0.00449	0.000894	0.0856	Alluvium
160000	R	0.00826	0.00111	0.129	Alluvium
160000	T	0.00675	0.000916	0.109	Alluvium

Event No. 7990	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
140400	Z	0.161	-	-	Alluvium
140400	N-S	0.224	-	-	Alluvium
140400	E-W	0.128	-	-	Alluvium
146200	Z	0.0701	-	-	Andesite
146200	R	0.0653	-	-	Andesite
146200	T	0.0555	-	-	Andesite
146200	Z	0.0987	-	-	Alluvium
146200	R	0.0884	-	-	Alluvium
146200	T	0.0664	-	-	Alluvium
304000	Z	0.00744	-	-	Granite
304000	N-S	0.00274	-	-	Granite
304000	E-W	0.00774	-	-	Granite
314000	Z	0.0135	-	-	Alluvium
314000	R	0.0196	-	-	Alluvium
314000	T	0.0156	-	-	Alluvium
330000	Z	0.0375	-	-	Alluvium
330000	N-S	0.0341	-	-	Alluvium
330000	E-W	0.0403	-	-	Alluvium
371200	Z	0.00306	-	-	Alluvium
371200	N-S	0.00267	-	-	Alluvium
371200	E-W	0.00168	-	-	Alluvium
400000	Z	0.00820	-	-	Alluvium
400000	N-S	0.0106	-	-	Alluvium
400000	E-W	0.00928	-	-	Alluvium
411200	Z	0.00811	-	-	Alluvium
411200	N-S	0.0125	-	-	Alluvium
411200	E-W	0.0118	-	-	Alluvium

Event No. 8293	Medium Rhyolite	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
12860	Z	4.19	0.802	45.4	Tuff
12860	R	10.1	1.23	148.	Tuff
12860	T	8.80	1.05	136.	Tuff
12860	T	-	-	1029.	Tuff
12860	R	-	-	651.	Tuff
15400	Z	5.66	0.710	102.	Undetermined
15400	R	5.07	1.29	59.7	Undetermined
18910	Z	2.03	0.498	22.6	Tuff
18910	R	1.96	0.368	23.6	Tuff
18910	T	2.66	0.793	21.6	Tuff
23160	Z	2.50	0.416	62.5	Undetermined
23160	R	2.71	0.514	36.0	Undetermined
23160	T	1.99	0.629	39.4	Undetermined
25550	Z	0.491	0.103	9.30	Undetermined
25550	R	0.568	0.174	13.2	Undetermined
25550	T	0.491	0.0793	9.30	Undetermined
26120	Z	1.03	0.262	25.5	Undetermined
26120	R	1.24	0.363	17.9	Undetermined
26120	T	0.966	0.367	16.6	Undetermined
29700	Z	0.918	0.168	24.0	Undetermined
29700	R	2.41	0.272	18.3	Undetermined
29700	T	2.91	0.503	27.4	Undetermined
34780	Z	0.321	0.0929	7.32	Undetermined
34780	R	0.357	0.0929	4.88	Undetermined
34780	T	0.393	0.138	4.21	Undetermined
44150	Z	0.450	0.1000	6.27	Undetermined
44150	R	0.684	0.239	4.82	Undetermined
44150	T	0.713	0.230	5.14	Undetermined
47610	Z	0.803	0.0952	15.7	Undetermined
47610	R	0.872	0.228	9.36	Undetermined
47610	T	0.574	0.133	7.70	Undetermined
48530	Z	-	0.207	22.7	Alluvium
48530	N-S	-	0.277	29.2	Alluvium
48530	E-W	-	0.348	13.9	Alluvium
48530	Z	0.903	0.0938	18.0	Alluvium
48530	R	0.716	0.128	21.9	Alluvium
48530	T	0.512	0.180	16.6	Alluvium
48650	Z	-	0.108	30.8	Alluvium
48650	N-S	-	0.110	23.0	Alluvium
48650	E-W	-	0.0929	15.2	Alluvium
48660	Z	-	0.173	27.4	Alluvium
48660	N-S	-	0.209	29.2	Alluvium

Event No. 8293	Medium Rhyolite	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
48660	E-W	-	0.252	14.3	Alluvium
48800	Z	0.520	0.153	13.8	Alluvium
48800	R	0.645	0.177	8.57	Alluvium
48800	T	0.372	0.0879	6.81	Alluvium
48940	Z	0.306	0.112	3.92	Tuff
48940	R	0.306	0.105	3.55	Tuff
48940	T	0.178	0.0542	2.61	Tuff
49530	Z	-	0.0359	7.05	Alluvium
49530	N-S	-	0.0536	6.82	Alluvium
49530	E-W	-	0.103	6.08	Alluvium
49710	Z	0.198	0.0773	2.43	Carbonate
49710	R	0.317	0.132	2.54	Carbonate
49710	T	0.251	0.0994	2.12	Carbonate
50200	Z	0.409	0.111	7.35	Alluvium
51510	Z	-	-	8.29	Alluvium
51510	N-S	-	0.118	5.16	Alluvium
51510	E-W	-	0.0845	3.82	Alluvium
52100	Z	-	-	8.32	Alluvium
52100	E-W	-	0.0762	8.51	Alluvium
52100	N-S	-	0.207	7.26	Alluvium
52100	E-W	0.373	0.132	7.04	Alluvium
52100	N-S	0.364	0.0718	8.52	Alluvium
54130	Z	0.389	0.0957	4.64	Alluvium
54130	E-W	0.506	0.159	4.29	Alluvium
59410	Z	0.174	-	-	Undetermined
59410	R	0.456	-	-	Undetermined
59410	T	0.238	-	-	Undetermined
68370	Z	0.578	0.169	8.99	Alluvium
68370	R	0.771	0.280	5.59	Alluvium
68370	T	0.561	0.193	3.80	Alluvium
77370	Z	0.142	0.0506	1.77	Alluvium
77370	R	0.150	0.0600	1.87	Alluvium
77370	T	0.128	0.0500	1.58	Alluvium
113570	Z	0.176	0.0204	4.58	Alluvium
113570	R	0.181	0.0339	5.04	Alluvium
113570	T	0.117	0.0248	3.39	Alluvium
113570	Z	0.113	0.0136	2.34	Andesite
113570	R	0.103	0.0257	1.51	Andesite
113570	T	0.0792	0.0196	1.50	Andesite
113700	Z	-	-	2.58	Andesite
113700	R	-	-	1.30	Andesite
113700	T	-	-	1.65	Andesite

Event No. 8293	Medium Rhyolite	Magnitude (mb) 5.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
167700	R	0.181	0.0829	-	Alluvium
167890	Z	0.127	0.0294	1.30	Alluvium
167890	R	0.259	0.120	1.62	Alluvium
167890	T	0.236	0.0785	1.62	Alluvium
169200	R	0.188	0.0672	-	Alluvium
169200	R	0.185	0.0646	-	Alluvium
170330	Z	0.132	0.0315	1.45	Alluvium
170330	R	0.222	0.0839	1.87	Alluvium
170330	T	0.198	0.0664	1.41	Alluvium
170560	R	0.150	0.0444	0.989	Alluvium
170560	T	0.156	0.0652	1.19	Alluvium
170560	R	0.146	0.0636	0.895	Alluvium
170560	T	0.143	0.0585	0.796	Alluvium
172910	Z	0.109	0.265	1.62	Alluvium
172910	N-S	0.219	0.729	1.13	Alluvium
172910	E-W	0.150	0.472	1.01	Alluvium
172910	Z	-	-	1.92	Alluvium
172910	N-S	-	0.0627	1.04	Alluvium
172910	E-W	-	0.0489	1.43	Alluvium

Event No. 8303	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
39000	Z	0.0200	-	-	Alluvium
39000	Z	0.00795	-	-	Alluvium
39000	N-S	0.0155	-	-	Alluvium
39000	N-S	0.0125	-	-	Alluvium
39000	E-W	0.0223	-	-	Alluvium
39000	E-W	0.0111	-	-	Alluvium
131000	N-S	-	0.0110	-	Alluvium
131000	E-W	-	0.0171	-	Alluvium
134000	Z	0.00199	-	-	Alluvium
134000	N-S	0.00314	-	-	Alluvium
134000	E-W	0.00476	-	-	Alluvium
136000	N-S	0.00412	0.00300	-	Alluvium
136000	E-W	0.00354	0.00250	-	Alluvium
136000	Z	0.00103	0.000720	-	Alluvium

Event No. 8372	Medium Carbonate	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
18300	R	-	-	8.81	Undetermined
18300	T	-	-	12.8	Undetermined
19500	Z	-	-	7.79	Carbonate
19500	N-S	-	0.0860	6.03	Carbonate
19500	E-W	-	0.155	7.40	Carbonate
41000	Z	-	-	3.69	Alluvium
41000	N-S	-	-	2.85	Alluvium
41000	E-W	-	0.144	2.47	Alluvium
49000	Z	0.0972	-	-	Alluvium
49000	R	0.0952	-	-	Alluvium
49000	T	0.105	-	-	Alluvium
124000	Z	-	-	1.66	Alluvium
124000	N-S	-	-	1.52	Alluvium
124000	E-W	-	-	1.36	Alluvium
129500	Z	-	-	0.618	Alluvium
129500	E-W	-	0.0357	-	Alluvium
131000	N-S	-	0.0461	-	Alluvium
131000	E-W	-	0.0833	-	Alluvium
134700	E-W	0.0184	-	-	Alluvium
152300	Z	0.0781	-	-	Alluvium
152300	R	0.0616	-	-	Alluvium
152300	T	0.0371	-	-	Alluvium
152300	Z	0.0597	-	-	Andesite
152300	R	0.0343	-	-	Andesite
152300	T	0.0245	-	-	Andesite
266400	Z	0.0228	-	-	Tuff
266400	R	0.0260	-	-	Tuff
266400	N-S	0.0246	-	-	Tuff
266400	Z	0.0140	-	-	Tuff
266400	R	0.0221	-	-	Tuff
266400	N-S	0.0161	-	-	Tuff
266400	Z	0.0204	-	-	Alluvium
266400	R	0.0318	-	-	Alluvium
266400	N-S	0.0244	-	-	Alluvium
266400	Z	0.0231	-	-	Alluvium
266400	R	0.0289	-	-	Alluvium
266400	N-S	0.0245	-	-	Alluvium
266400	Z	0.0235	-	-	Alluvium
266400	R	0.0317	-	-	Alluvium
266400	N-S	0.0231	-	-	Alluvium
266400	Z	0.0134	-	-	Alluvium
266400	R	0.00555	-	-	Alluvium
266400	T	0.00976	-	-	Alluvium

Event No. 8437	Medium Rhyolite	Magnitude (mb) 5.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
2230	Z	-	-	221.	Alluvium
2230	R	-	-	267.	Alluvium
2230	T	-	-	267.	Alluvium
2520	Z	-	-	189.	Alluvium
2520	R	-	-	278.	Alluvium
2520	T	-	-	258.	Alluvium
2870	Z	-	-	189.	Alluvium
2870	R	-	-	278.	Alluvium
2870	T	-	-	255.	Alluvium
3420	Z	-	-	166.	Alluvium
3420	R	-	-	222.	Alluvium
3420	T	-	-	111.	Alluvium
4030	Z	-	-	155.	Alluvium
4030	R	-	-	231.	Alluvium
4030	T	-	-	213.	Alluvium
4996	T	-	1.18	43.5	Tuff
4996	Z	-	1.10	105.	Tuff
4996	R	-	2.86	80.6	Tuff
6042	T	-	0.760	51.6	Tuff
6042	Z	-	0.881	71.6	Tuff
6042	R	-	1.27	71.0	Tuff
6674	T	-	0.719	50.0	Tuff
6674	Z	-	0.793	93.2	Tuff
6674	R	-	0.595	82.1	Tuff
6841	T	-	0.723	32.4	Tuff
6841	Z	-	1.12	20.4	Tuff
6841	R	-	1.35	53.2	Tuff
7369	T	-	1.06	59.3	Tuff
7369	Z	-	0.444	68.1	Tuff
7369	R	-	1.15	114.	Tuff
8930	T	-	0.865	27.0	Rhyolite
8930	Z	-	0.161	18.1	Rhyolite
8930	R	-	0.940	23.7	Rhyolite
10982	T	-	0.555	41.6	Rhyolite
10982	Z	-	0.183	68.5	Rhyolite
10982	R	-	0.652	27.8	Rhyolite
13239	Z	-	0.687	-	Alluvium
13239	R	-	0.794	45.6	Alluvium
13239	T	-	0.427	29.2	Alluvium
13239	T	-	0.427	29.2	Alluvium
13239	Z	-	0.687	-	Alluvium
13239	R	-	0.794	45.6	Alluvium

Event No. 8437	Medium Rhyolite	Magnitude (mb) 5.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
16390	T	-	0.390	17.0	Alluvium
16390	Z	-	0.331	33.9	Alluvium
16390	R	-	0.376	17.7	Alluvium
17317	E-W	-	0.372	13.6	Tuff
17317	N-S	-	-	10.3	Tuff
17317	Z	-	0.212	10.3	Tuff
21752	T	-	-	2.80	Tuff
21752	Z	-	-	4.06	Tuff
21752	R	-	0.126	4.71	Tuff
24315	T	-	0.0530	6.37	Undetermined
24315	Z	-	-	4.08	Undetermined
24315	R	-	0.0465	-	Undetermined
24984	T	-	0.372	13.6	Tuff
24984	Z	-	0.212	10.3	Tuff
24984	R	-	-	10.3	Tuff
47984	E-W	-	0.0750	-	Carbonate
47984	N-S	-	0.0177	-	Carbonate
48500	E-W	-	0.0298	2.57	Alluvium
48500	N-S	-	0.0546	2.68	Alluvium
48500	T	0.158	0.0405	1.82	Alluvium
48500	Z	0.0767	0.0258	0.904	Alluvium
48500	R	0.144	0.0412	2.08	Alluvium
49800	E-W	-	0.120	-	Alluvium
49800	N-S	-	0.107	-	Alluvium
53199	T	0.200	0.0617	1.66	Alluvium
53199	R	0.177	0.0376	1.88	Alluvium
75584	T	0.174	0.0538	2.29	Alluvium
75584	Z	0.159	0.0579	2.77	Alluvium
75584	R	0.223	0.0482	2.77	Alluvium
102000	Z	-	0.0117	-	Undetermined
102000	R	-	0.0118	-	Undetermined
102000	T	-	0.01000	-	Undetermined
116000	Z	0.0420	0.00895	1.12	Alluvium
116000	R	0.0571	0.0225	1.66	Alluvium
116000	T	0.0441	0.0132	1.22	Alluvium
116000	Z	0.0614	0.0101	1.45	Alluvium
116000	R	0.0437	0.0176	0.761	Alluvium
116000	T	0.0425	0.0132	0.588	Alluvium
135000	R	-	0.0203	-	Alluvium
135000	T	-	0.00930	-	Alluvium
165000	E-W	-	0.0650	3.50	Alluvium
165000	N-S	-	0.150	4.22	Alluvium

Event No. 8437	Medium Rhyolite	Magnitude (mb) 5.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
165000	E-W	-	0.0899	2.45	Alluvium
165000	N-S	-	0.0338	1.91	Alluvium
166000	N-S	-	0.00461	-	Alluvium
166000	E-W	-	0.00377	-	Alluvium
166500	E-W	-	0.124	2.05	Alluvium
166500	N-S	-	-	1.79	Alluvium
167000	E-W	-	0.0819	3.71	Alluvium
167000	E-W	-	0.0514	-	Alluvium
167000	N-S	-	0.0711	3.47	Alluvium
167000	N-S	-	0.0627	2.75	Alluvium
167000	Z	-	0.136	1.39	Alluvium
167000	E-W	-	0.0820	2.79	Alluvium
167000	N-S	-	0.0653	4.10	Alluvium
167000	E-W	-	0.0351	3.24	Alluvium
167000	N-S	-	0.0298	2.19	Alluvium
167000	E-W	-	0.0573	1.96	Alluvium
167000	N-S	-	0.0734	-	Alluvium
168000	E-W	-	0.0599	2.60	Alluvium
168000	N-S	-	0.0421	2.39	Alluvium
170000	Z	-	0.00440	-	Alluvium
170000	N-S	-	0.00730	-	Alluvium
170000	E-W	-	0.00600	-	Alluvium
170000	N-S	-	0.00272	-	Alluvium
170000	E-W	-	0.00256	-	Alluvium
170000	T	0.0580	0.0166	0.500	Alluvium
170000	R	0.0669	-	0.717	Alluvium
170000	Z	0.0545	0.00821	0.796	Alluvium

Event No. 8483	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
3590	Z	-	-	1822.	Tuff
4060	Z	-	-	1666.	Tuff
15800	Z	-	4.38	107.	Tuff
15800	N-S	-	7.38	140.	Tuff
15800	E-W	-	4.71	231.	Tuff
18700	Z	17.1	-	-	Undetermined
18700	R	11.5	-	-	Undetermined
18700	T	4.52	-	-	Undetermined
22300	Z	11.0	-	-	Undetermined
22300	R	9.36	-	-	Undetermined
22300	T	9.36	-	-	Undetermined
27100	Z	3.21	-	-	Tuff
27100	R	4.72	-	-	Tuff
27100	T	3.31	-	-	Tuff
28300	Z	-	2.26	68.0	Tuff
28300	R	-	5.77	84.0	Tuff
28300	T	-	2.97	60.9	Tuff
28300	Z	5.03	-	-	Undetermined
28300	R	4.82	-	-	Undetermined
28300	T	2.10	-	-	Undetermined
28500	Z	7.27	-	-	Tuff
28500	R	7.76	-	-	Tuff
28500	T	5.95	-	-	Tuff
31900	Z	3.08	-	-	Tuff
31900	R	4.66	-	-	Tuff
31900	T	2.98	-	-	Tuff
34100	Z	3.96	-	-	Undetermined
34100	R	4.15	-	-	Undetermined
34100	T	4.53	-	-	Undetermined
34900	Z	-	0.0975	31.4	Carbonate
34900	N-S	-	1.02	25.1	Carbonate
34900	E-W	-	1.16	34.4	Carbonate
36400	Z	3.55	-	-	Tuff
36400	R	2.59	-	-	Tuff
36400	T	2.22	-	-	Tuff
41100	Z	2.71	-	-	Tuff
41100	R	2.91	-	-	Tuff
41100	T	1.75	-	-	Tuff
41300	Z	4.05	-	-	Undetermined
41300	R	4.66	-	-	Undetermined
41300	T	2.29	-	-	Undetermined
43300	Z	-	0.593	18.8	Carbonate

Event No. 8483	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
43300	R	-	0.603	10.3	Carbonate
43300	T	-	0.693	8.51	Carbonate
44600	Z	5.22	-	-	Alluvium
44600	R	8.46	-	-	Alluvium
44600	T	4.60	-	-	Alluvium
48200	Z	4.17	-	-	Alluvium
48200	R	3.64	-	-	Alluvium
48200	T	2.17	-	-	Alluvium
49200	Z	3.74	-	-	Tuff
49200	R	3.20	-	-	Tuff
49200	T	1.13	-	-	Tuff
49200	Z	2.65	-	-	Undetermined
49200	R	2.81	-	-	Undetermined
49200	T	2.15	-	-	Undetermined
49800	Z	-	0.105	18.9	Alluvium
49800	N-S	-	0.730	20.8	Alluvium
49800	E-W	-	1.42	17.5	Alluvium
49900	Z	1.84	-	-	Tuff
49900	R	1.57	-	-	Tuff
49900	T	0.840	-	-	Tuff
51900	Z	3.74	-	-	Undetermined
51900	T	1.73	-	-	Undetermined
55700	Z	3.47	-	-	Undetermined
55700	R	3.67	-	-	Undetermined
55700	T	3.31	-	-	Undetermined
55700	Z	6.89	0.658	157.	Alluvium
55700	N-S	7.14	0.954	138.	Alluvium
55700	E-W	3.92	1.37	89.6	Alluvium
55700	R	4.66	-	-	Alluvium
55700	T	4.66	-	-	Alluvium
55800	Z	-	1.66	192.	Alluvium
55800	N-S	-	0.815	126.	Alluvium
55800	E-W	-	1.40	44.7	Alluvium
55800	Z	-	1.67	170.	Alluvium
55800	N-S	-	0.970	106.	Alluvium
55800	E-W	-	1.00	87.4	Alluvium
56000	Z	3.38	-	-	Undetermined
56000	R	3.06	-	-	Undetermined
56000	T	3.86	-	-	Undetermined
57000	Z	3.69	0.773	73.8	Alluvium
57000	N-S	3.25	1.59	52.9	Alluvium
57000	E-W	3.06	1.95	38.8	Alluvium

Event No. 8483	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
57900	Z	2.74	-	-	Alluvium
57900	N-S	2.96	-	-	Alluvium
57900	E-W	2.51	-	-	Alluvium
58600	Z	2.48	-	-	Alluvium
58600	N-S	3.21	-	-	Alluvium
58600	E-W	4.48	-	-	Alluvium
58800	Z	-	0.439	29.8	Alluvium
58800	N-S	-	0.442	30.4	Alluvium
58800	E-W	-	0.900	26.2	Alluvium
59000	Z	1.46	-	9.89	Carbonate
59000	N-S	-	0.472	7.34	Carbonate
59000	R	1.74	-	-	Carbonate
59000	E-W	-	0.668	8.38	Carbonate
59000	T	1.15	-	-	Carbonate
59200	Z	4.96	-	-	Undetermined
59200	R	3.56	-	-	Undetermined
59200	T	3.82	-	-	Undetermined
61300	Z	1.78	-	-	Alluvium
61300	N-S	3.39	-	-	Alluvium
61300	E-W	3.05	-	-	Alluvium
61900	Z	1.27	-	-	Tuff
61900	R	1.27	-	-	Tuff
61900	T	0.919	-	-	Tuff
74100	Z	2.34	-	-	Alluvium
74100	R	3.30	-	-	Alluvium
74100	T	2.28	-	-	Alluvium
76600	Z	1.58	0.0797	25.2	Undetermined
76600	R	1.61	0.709	11.1	Undetermined
76600	T	1.02	0.439	8.07	Undetermined
85900	Z	0.795	0.103	8.48	Alluvium
85900	R	0.605	0.210	9.58	Alluvium
85900	T	1.02	0.653	9.57	Alluvium
105000	Z	-	0.163	7.94	Andesite
105000	R	-	0.175	6.51	Andesite
105000	T	-	0.283	7.30	Andesite
105000	Z	0.618	-	-	Andesite
105000	R	0.614	-	-	Andesite
105000	T	0.495	-	-	Andesite
105000	Z	0.646	-	-	Alluvium
105000	R	0.658	-	-	Alluvium
105000	T	0.667	-	-	Alluvium

Event No. 8483	Medium Tuff	Magnitude (mb) 6.4			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
105000	Z	1.33	-	-	Alluvium
105000	R	1.17	-	-	Alluvium
105000	T	1.03	-	-	Alluvium
109000	Z	1.28	-	-	Alluvium
109000	R	3.25	-	-	Alluvium
109000	T	2.94	-	-	Alluvium
114000	Z	0.632	-	-	Undetermined
114000	R	0.727	-	-	Undetermined
114000	T	0.474	-	-	Undetermined
121000	Z	0.816	-	-	Alluvium
121000	R	0.788	-	-	Alluvium
121000	T	0.227	-	-	Alluvium
131000	Z	0.685	-	7.78	Alluvium
131000	R	-	-	6.64	Alluvium
131000	T	0.775	-	-	Alluvium
145000	Z	0.816	-	-	Alluvium
145000	R	0.788	-	-	Alluvium
145000	T	0.227	-	-	Alluvium
177000	Z	-	0.0487	5.18	Alluvium
177000	R	1.23	0.530	6.10	Alluvium
177000	T	-	0.549	4.53	Alluvium
177000	Z	-	0.252	6.63	Alluvium
177000	N-S	-	0.711	6.44	Alluvium
177000	E-W	-	0.401	4.20	Alluvium
177000	Z	-	0.190	5.61	Alluvium
177000	R	-	0.561	6.45	Alluvium
177000	T	-	0.524	6.94	Alluvium
177000	E-W	0.931	-	-	Alluvium
177000	Z	1.06	-	-	Alluvium
177000	R	1.65	-	-	Alluvium
177000	T	1.54	-	-	Alluvium
178000	N-S	1.85	-	-	Alluvium
179000	R	1.67	-	-	Alluvium
179000	T	1.65	-	-	Alluvium
179000	N-S	1.05	-	-	Alluvium
179000	E-W	1.21	-	-	Alluvium
180000	Z	-	0.311	4.48	Alluvium
180000	N-S	1.53	0.301	5.66	Alluvium
180000	E-W	-	0.292	5.46	Alluvium
180000	N-S	1.45	-	-	Alluvium
182000	Z	0.611	-	4.46	Alluvium
182000	N-S	1.55	0.528	6.86	Alluvium

Event No. 8483	Medium Tuff	Magnitude (mb) 6.4				
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium	
182000	E-W	0.978	-	5.32	Alluvium	
184000	Z	0.304	-	-	Un-terminated	
184000	R	0.415	-	-	Un-terminated	
184000	T	0.290	-	-	Un-terminated	
262000	Z	0.145	-	-	Alluvium	
262000	N-S	0.181	-	-	Alluvium	
262000	E-W	0.212	-	-	Alluvium	
313000	Z	0.232	-	-	Alluvium	
313000	R	0.309	-	-	Alluvium	
313000	T	0.180	-	-	Alluvium	
343000	R	0.143	-	-	Alluvium	
376000	Z	0.321	-	-	Alluvium	
376000	N-S	0.252	-	-	Alluvium	
376000	E-W	0.196	-	-	Alluvium	
392000	Z	0.208	-	-	Alluvium	
392000	N-S	0.206	-	-	Alluvium	
392000	E-W	0.228	-	-	Alluvium	
457000	Z	0.142	-	-	Alluvium	
457000	N-S	0.150	-	-	Alluvium	
457000	E-W	0.263	-	-	Alluvium	
557000	Z	0.137	-	-	Alluvium	
557000	R	0.257	-	-	Alluvium	
557000	T	0.238	-	-	Alluvium	

Event No. 8559	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
766	R	13.8	-	-	Alluvium
766	T	14.0	-	-	Alluvium
766	T	14.0	0.828	282.	Alluvium
766	Z	11.5	0.841	232.	Alluvium
766	R	13.5	1.81	194.	Alluvium
1854	Z	4.43	-	-	Alluvium
1854	R	9.27	-	-	Alluvium
1854	T	7.96	-	-	Alluvium
1854	T	0.767	0.676	240.	Alluvium
1854	Z	4.22	0.877	121.	Alluvium
1854	R	10.7	1.65	147.	Alluvium
4806	Z	1.92	-	-	Alluvium
4806	R	1.86	-	-	Alluvium
4806	T	2.86	-	-	Alluvium
4806	T	2.89	0.493	31.9	Alluvium
4806	Z	1.83	0.191	19.8	Alluvium
4806	R	1.90	0.256	33.5	Alluvium
4969	Z	2.98	-	-	Alluvium
4969	R	1.41	-	-	Alluvium
4969	T	1.59	-	-	Alluvium
4969	T	2.30	0.227	43.7	Alluvium
4969	Z	1.72	0.282	24.4	Alluvium
4969	R	2.78	0.204	37.6	Alluvium
5277	R	0.960	-	-	Alluvium
5277	T	1.10	-	-	Alluvium
5277	T	1.17	0.131	13.9	Alluvium
5277	Z	-	0.0362	-	Alluvium
5277	R	0.826	0.109	15.9	Alluvium
5591	R	1.64	-	-	Alluvium
5591	T	-	0.332	24.2	Alluvium
5591	Z	-	0.118	13.4	Alluvium
5591	R	-	0.289	19.9	Alluvium
7129	Z	-	0.0611	10.5	Alluvium
7129	R	-	0.379	17.4	Alluvium
7129	T	-	0.586	16.3	Alluvium
7967	R	1.79	-	-	Alluvium
7967	T	1.44	-	-	Alluvium
7967	T	1.29	0.323	15.9	Alluvium
7967	Z	1.23	0.212	10.9	Alluvium
7967	R	1.60	0.262	13.5	Alluvium
8027	R	3.45	-	-	Alluvium
8027	T	-	0.260	-	Alluvium

Event No. 8559	Medium Alluvium	Magnitude (mb) -				
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)		Medium
8027	Z	-	0.209	-		Alluvium
8027	R	-	0.167	-		Alluvium
10961	T	0.176	0.0303	1.73		Quartzite
10961	Z	0.126	-	1.99		Quartzite
10961	R	0.200	-	1.74		Quartzite
11427	R	0.216	-	-		Granite
11427	T	-	0.0162	-		Granite
11427	R	-	0.0362	-		Granite

Event No. 8594	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
2014	T	-	3.28	286.	Alluvium
2014	Z	-	2.31	356.	Alluvium
2014	R	-	4.82	282.	Alluvium
4570	T	-	2.36	81.1	Alluvium
4570	Z	-	0.498	88.3	Alluvium
4570	R	-	2.02	102.	Alluvium
10776	T	-	0.239	18.4	Alluvium
10776	Z	-	0.178	13.2	Alluvium
10776	R	-	0.340	20.6	Alluvium
13427	T	-	-	19.9	Alluvium
13427	Z	-	0.149	14.3	Alluvium
13427	R	-	0.265	10.7	Alluvium
15779	T	-	0.216	5.72	Carbonate
15779	Z	-	-	4.16	Carbonate
15779	R	-	0.175	6.22	Carbonate
18032	T	-	0.0905	4.39	Undetermined
18032	Z	-	-	5.96	Undetermined
18032	R	-	0.0722	3.91	Undetermined
18838	T	-	0.0962	3.22	Carbonate
18838	Z	-	-	2.58	Carbonate
18838	R	-	0.0970	2.76	Carbonate
37080	T	-	0.0985	3.27	Alluvium
37080	Z	-	0.0516	0.635	Alluvium
37080	R	-	0.0956	2.64	Alluvium
46024	Z	0.122	0.0264	2.04	Alluvium
46024	R	0.205	0.0370	3.09	Alluvium
46024	T	0.178	0.0475	2.90	Alluvium
65100	Z	0.0490	0.0146	-	Undetermined
65100	R	0.0720	0.0189	-	Undetermined
65100	T	0.0577	0.0199	-	Undetermined
66300	Z	0.0335	0.0112	0.566	Alluvium
66300	R	0.0372	0.0115	0.599	Alluvium
66300	T	0.0273	0.0112	0.751	Alluvium
66300	Z	0.0530	0.0126	1.47	Alluvium
66300	R	0.0984	0.0178	2.50	Alluvium
66300	T	0.0927	0.0135	2.91	Alluvium
81200	Z	0.118	0.0277	1.15	Undetermined
81200	R	0.138	0.0466	1.12	Undetermined
81200	T	0.0960	0.0282	0.853	Undetermined
98200	Z	0.0316	0.00730	0.242	Alluvium
98200	R	0.0292	0.00851	0.311	Alluvium
98200	T	0.0242	0.0124	0.300	Alluvium

Event No. 8594	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
114400	Z	0.0971	0.0281	0.670	Alluvium
114400	R	0.106	0.0309	0.828	Alluvium
114400	T	0.0949	0.0282	0.613	Alluvium
132800	Z	0.0576	0.0113	0.710	Alluvium
132800	N-S	0.130	0.0288	0.878	Alluvium
132800	E-W	0.0879	0.0282	0.533	Alluvium

Event No. 8620	Medium Rhyolite	Magnitude (mb) 6.0			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
50000	R	0.950	-	-	Alluvium
50000	T	1.00	-	-	Alluvium
50000	Z	0.460	-	-	Alluvium
120000	R	0.230	-	-	Alluvium
120000	T	0.210	-	-	Alluvium
120000	R	0.250	-	-	Andesite
120000	T	0.260	-	-	Andesite
120000	Z	0.440	-	-	Andesite
150000	N-S	0.430	-	-	Alluvium
150000	E-W	0.400	-	-	Alluvium
150000	Z	0.210	-	-	Alluvium
151000	N-S	0.260	-	-	Alluvium
151000	E-W	0.270	-	-	Alluvium
151000	Z	0.170	-	-	Alluvium
157000	E-W	0.330	-	-	Alluvium
157000	Z	0.260	-	-	Alluvium
160000	R	0.510	-	-	Alluvium
160000	T	0.490	-	-	Alluvium
160000	Z	0.390	-	-	Alluvium
162000	N-S	0.500	-	-	Alluvium
162000	E-W	0.510	-	-	Alluvium
162000	Z	0.390	-	-	Alluvium
163000	N-S	0.370	-	-	Alluvium
163000	E-W	0.380	-	-	Alluvium
163000	Z	0.370	-	-	Alluvium
163000	N-S	0.660	-	-	Alluvium
163000	E-W	0.540	-	-	Alluvium
163000	Z	0.410	-	-	Alluvium
164000	N-S	0.630	-	-	Alluvium
164000	E-W	0.340	-	-	Alluvium
164000	Z	0.360	-	-	Alluvium
164000	N-S	0.590	-	-	Alluvium
164000	E-W	0.470	-	-	Alluvium
164000	Z	0.330	-	-	Alluvium
165000	N-S	0.360	-	-	Alluvium
165000	E-W	0.310	-	-	Alluvium
165000	Z	0.210	-	-	Alluvium
197000	R	0.330	-	-	Alluvium
197000	T	0.280	-	-	Alluvium
197000	Z	0.210	-	-	Alluvium

Event No. 8753	Medium Alluvium	Magnitude (mb)			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
2300	Z	-	0.561	74.0	Alluvium
2300	R	-	1.27	180.	Alluvium
2300	T	-	0.789	160.	Alluvium
2900	Z	-	0.192	21.6	Alluvium
2900	R	-	0.315	49.7	Alluvium
2900	T	-	0.242	35.9	Alluvium
2960	Z	-	0.170	43.6	Alluvium
2960	R	-	0.596	42.2	Alluvium
2960	Z	-	0.489	-	Alluvium
2960	T	-	-	55.7	Alluvium
2960	R	-	0.0745	-	Alluvium
2960	T	-	0.0791	-	Alluvium
3410	Z	-	0.340	26.2	Alluvium
3410	R	-	0.313	39.3	Alluvium
3410	T	-	0.211	36.4	Alluvium
3410	Z	-	-	16.4	Alluvium
3410	R	-	-	35.9	Alluvium
3410	T	-	-	34.7	Alluvium
6860	Z	-	0.304	13.5	Alluvium
6860	R	-	0.276	24.5	Alluvium
6860	T	-	0.124	26.7	Alluvium
8750	Z	-	-	2.67	Granite
8750	R	-	0.0547	4.09	Granite
8750	T	-	0.0329	2.97	Granite
9360	Z	-	-	1.33	Quartzite
9360	R	-	0.0410	2.18	Quartzite
9360	T	-	0.0239	1.56	Quartzite
10400	Z	-	0.0822	2.45	Quartzite
10400	R	-	0.0379	2.07	Quartzite
10400	T	-	0.0332	3.97	Quartzite
11000	Z	-	-	0.949	Alluvium
11000	R	-	0.0234	1.49	Alluvium
11000	T	-	0.0178	1.01	Alluvium
11160	R	-	0.0596	-	Alluvium
11160	T	-	0.0512	-	Alluvium

Event No. 8891	Medium Tuff	Magnitude (mb) 5.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
2800	R	-	6.92	1097.	Undetermined
2800	T	-	10.1	462.	Alluvium
3750	Z	-	3.78	346.	Alluvium
3750	R	-	10.4	355.	Alluvium
3750	T	-	5.84	409.	Alluvium
5200	Z	-	2.13	117.	Undetermined
5200	R	-	2.19	102.	Undetermined
5200	T	-	1.49	81.6	Undetermined
6200	Z	-	3.24	226.	Alluvium
6200	R	-	6.90	154.	Alluvium
6200	T	-	2.88	211.	Alluvium
7000	Z	-	5.92	858.	Alluvium
7000	R	-	3.50	410.	Alluvium
7000	T	-	3.90	452.	Alluvium
8050	R	-	-	171.	Alluvium
8050	T	-	-	171.	Alluvium
8900	Z	-	1.04	92.4	Alluvium
8900	R	-	3.44	99.9	Alluvium
8900	T	-	1.23	78.5	Alluvium
11900	Z	-	2.14	69.9	Alluvium
11900	R	-	-	67.5	Alluvium
11900	T	-	2.63	43.0	Alluvium
13500	Z	-	0.615	120.	Undetermined
13500	R	-	1.04	72.4	Undetermined
13500	T	-	2.26	65.9	Undetermined
14300	Z	-	0.130	45.6	Undetermined
14300	N-S	-	0.466	40.0	Undetermined
14300	E-W	-	0.632	35.6	Undetermined
15200	Z	-	0.365	-	Carbonate
15200	N-S	-	0.330	12.8	Carbonate
15200	E-W	-	0.553	14.1	Carbonate
18500	Z	-	0.0711	29.0	Carbonate
18500	N-S	-	0.528	21.9	Carbonate
18500	E-W	-	0.556	20.0	Carbonate
38900	Z	-	-	10.3	Alluvium
38900	N-S	-	0.426	10.8	Alluvium
38900	E-W	-	0.383	10.7	Alluvium
38900	Z	-	-	6.63	Alluvium
38900	N-S	-	0.812	8.88	Alluvium
38900	E-W	-	0.430	7.66	Alluvium
39100	Z	-	0.213	12.3	Alluvium
39100	N-S	-	0.399	19.7	Alluvium

Event No. 8891	Medium Tuff	Magnitude (mb) 5.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
39100	E-W	-	0.415	22.3	Alluvium
40000	R	0.864	0.206	14.4	Alluvium
40000	T	0.680	0.238	12.7	Alluvium
49000	Z	0.212	0.0600	3.66	Alluvium
49000	R	0.278	0.0868	3.84	Alluvium
49000	T	0.228	0.0770	3.69	Alluvium
49000	Z	-	-	2.47	Carbonate
49000	N-S	-	0.318	3.74	Carbonate
49000	E-W	-	33.0	2.70	Carbonate
49100	Z	-	0.0627	4.25	Alluvium
49100	N-S	-	0.0885	6.50	Alluvium
49100	E-W	-	0.128	5.53	Alluvium
67000	Z	0.114	0.0380	2.59	Tuff
67000	R	0.121	0.0294	2.39	Tuff
67000	T	0.114	0.0226	1.73	Tuff
67000	Z	0.113	0.0324	4.48	Alluvium
67000	T	0.306	0.0275	5.19	Alluvium
67000	Z	-	0.0543	4.70	Alluvium
67000	N-S	-	-	6.93	Alluvium
67000	E-W	-	0.125	7.27	Alluvium
72000	Z	0.157	0.0515	1.64	Undetermined
72000	R	0.173	0.0552	2.44	Undetermined
72000	T	0.142	0.0418	1.86	Undetermined
86000	Z	0.170	0.0441	4.32	Alluvium
86000	T	0.475	0.0992	7.44	Alluvium
86000	Z	-	-	1.98	Alluvium
86000	Z	-	-	1.98	Alluvium
86000	N-S	-	0.140	4.11	Alluvium
86000	E-W	-	0.104	4.53	Alluvium
88000	E-W	-	0.0243	1.22	Carbonate
123000	Z	-	-	2.40	Alluvium
123000	N-S	-	0.0661	1.88	Alluvium
123000	E-W	-	0.105	1.81	Alluvium
128900	Z	-	-	19.8	Alluvium
128900	N-S	-	0.119	18.0	Alluvium
128900	E-W	-	0.136	18.6	Alluvium
130000	Z	0.202	0.0476	-	Alluvium
130000	R	0.421	0.173	-	Alluvium
130000	T	0.294	0.112	-	Alluvium
130000	Z	-	0.0950	2.58	Alluvium
130000	N-S	-	0.156	1.99	Alluvium
130000	E-W	-	0.160	1.47	Alluvium

Event No. 8891	Medium Tuff	Magnitude (mb) 5.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
133000	N-S	0.298	0.112	1.47	Alluvium
133000	E-W	0.250	0.104	1.09	Alluvium
133000	N-S	0.270	0.0986	1.51	Alluvium
133000	E-W	0.246	0.0997	1.07	Alluvium
133000	N-S	0.436	0.151	1.63	Alluvium
133000	E-W	0.301	0.126	1.58	Alluvium
133000	N-S	0.358	0.126	1.73	Alluvium
133000	E-W	0.238	0.101	1.82	Alluvium
138500	Z	0.197	0.0353	2.39	Alluvium
138500	N-S	0.264	0.0849	1.83	Alluvium
138500	E-W	0.253	0.0904	1.47	Alluvium
151500	Z	0.118	0.0216	1.32	Andesite
151500	R	0.0830	0.0207	0.771	Andesite
151500	T	0.0547	0.0148	0.729	Andesite
151500	Z	0.126	0.0221	1.64	Alluvium
151500	R	0.116	0.0188	1.83	Alluvium
151500	T	0.0819	0.0154	1.57	Alluvium
170000	Z	-	-	2.68	Carbonate
170000	R	-	0.0158	3.36	Carbonate
170000	T	-	0.0289	2.58	Carbonate

Event No. 8918	Medium Rhyolite	Magnitude (mb) 6.0			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
57000	R	0.610	-	-	Alluvium
57000	T	0.450	-	-	Alluvium
57000	Z	0.580	-	-	Alluvium
127000	R	0.250	-	-	Alluvium
127000	T	0.330	-	-	Alluvium
127000	Z	0.470	-	-	Alluvium
158000	N-S	0.250	-	-	Alluvium
158000	E-W	0.240	-	-	Alluvium
158000	Z	0.240	-	-	Alluvium
164000	N-S	0.530	-	-	Alluvium
164000	E-W	0.610	-	-	Alluvium
164000	Z	0.270	-	-	Alluvium
167000	R	0.570	-	-	Alluvium
167000	T	0.540	-	-	Alluvium
167000	Z	0.410	-	-	Alluvium
168000	N-S	1.01	-	-	Alluvium
168000	E-W	1.02	-	-	Alluvium
168000	Z	0.600	-	-	Alluvium
171000	N-S	0.940	-	-	Alluvium
171000	E-W	0.580	-	-	Alluvium
171000	Z	0.550	-	-	Alluvium
172000	N-S	0.440	-	-	Alluvium
172000	E-W	0.330	-	-	Alluvium
172000	Z	0.250	-	-	Alluvium

Event No. 8929	Medium Alluvium	Magnitude (mb) 4.2			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1496	Z	3.68	-	-	Alluvium
1496	R	6.37	-	-	Alluvium
1496	T	2.92	-	-	Alluvium
1496	T	4.31	0.378	147.	Alluvium
1496	T	4.13	0.378	147.	Alluvium
1496	Z	5.37	0.500	176.	Alluvium
1496	R	6.19	0.750	148.	Alluvium
2383	Z	5.02	-	-	Alluvium
2383	R	4.19	-	-	Alluvium
2383	T	2.66	-	-	Alluvium
2383	T	3.46	0.320	65.3	Alluvium
2383	Z	6.39	0.493	123.	Alluvium
2383	R	4.96	0.460	105.	Alluvium
4236	Z	2.00	-	-	Alluvium
4236	R	1.86	-	-	Alluvium
4236	T	1.83	-	-	Alluvium
4236	T	1.79	0.285	26.5	Alluvium
4236	Z	1.36	0.280	30.0	Alluvium
4236	R	1.66	0.250	27.2	Alluvium
7740	R	0.769	-	-	Alluvium
7740	T	0.602	-	-	Alluvium
7740	T	0.520	0.0648	9.99	Alluvium
7740	Z	0.963	-	14.3	Alluvium
7740	R	0.726	0.0988	13.2	Alluvium
9690	Z	1.17	-	-	Alluvium
9690	R	0.431	-	-	Alluvium
9690	T	0.815	-	-	Alluvium
9690	T	0.862	0.0880	10.9	Alluvium
9690	Z	0.582	-	7.42	Alluvium
9690	R	0.389	0.0624	8.11	Alluvium
13960	R	0.345	-	-	Alluvium
13960	T	0.376	0.0459	6.47	Alluvium
13960	Z	0.284	-	4.01	Alluvium
13960	R	0.423	0.0674	6.66	Alluvium
14265	Z	-	0.0125	-	Alluvium
14265	R	-	0.0274	-	Alluvium
14265	T	-	0.0388	-	Alluvium
16980	T	-	0.0253	-	Alluvium
16980	R	-	0.0406	-	Alluvium
16980	R	0.181	-	-	Alluvium
16980	T	0.217	-	-	Alluvium
20350	R	0.0349	-	-	Granite

Event No.	Medium	Magnitude (mb)			
8929	Alluvium	4.2			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
20350	T	0.0338	-	-	Granite
20350	T	-	0.00563	-	Granite
20350	R	-	0.00422	-	Granite

Event No. 9073	Medium Tuff	Magnitude (mb) 5.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
4380	Z	35.4	3.35	617.	Tuff
4380	R	42.5	8.38	407.	Tuff
4380	T	30.4	5.92	625.	Tuff
6740	Z	-	-	139.	Tuff
6740	R	-	-	301.	Tuff
6740	T	-	-	213.	Tuff
11570	Z	-	-	294.	Carbonate
11570	R	-	-	270.	Carbonate
11570	T	-	-	227.	Carbonate
23460	Z	-	0.358	6.90	Carbonate
23460	R	-	0.149	5.98	Carbonate
23460	T	-	0.449	6.21	Carbonate
26340	Z	-	0.343	16.5	Undetermined
26340	R	-	0.269	11.6	Undetermined
26340	T	-	0.491	12.3	Undetermined
32580	Z	-	0.0802	27.0	Alluvium
32580	R	-	0.237	31.1	Alluvium
32580	T	-	0.300	70.8	Alluvium
43540	Z	0.250	-	-	Carbonate
43540	R	0.0407	-	-	Carbonate
43540	T	0.320	-	-	Carbonate
48020	Z	1.01	0.299	-	Alluvium
48020	R	0.811	0.268	-	Alluvium
48020	T	0.992	0.352	-	Alluvium
48020	Z	-	0.302	8.36	Alluvium
48020	R	-	-	7.95	Alluvium
48020	T	-	0.284	6.05	Alluvium
49370	Z	0.927	0.285	28.6	Alluvium
49370	R	1.06	0.232	19.3	Alluvium
49370	T	0.776	0.188	13.2	Alluvium
50670	Z	-	-	4.32	Alluvium
50670	R	-	0.166	4.58	Alluvium
50670	T	-	0.208	4.28	Alluvium
50770	Z	0.840	0.319	-	Alluvium
50770	R	0.610	0.175	-	Alluvium
50770	T	0.968	0.420	-	Alluvium
50770	Z	-	0.335	4.41	Alluvium
50770	R	-	0.213	6.26	Alluvium
50770	T	-	0.173	3.98	Alluvium
54140	Z	0.277	0.109	1.75	Alluvium
54140	R	0.502	0.152	2.76	Alluvium
54140	T	0.475	0.170	2.25	Alluvium

Event No. 9073	Medium Tuff	Magnitude (mb) 5.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
55840	Z	0.225	-	-	Tuff
55840	R	0.204	-	-	Tuff
55840	T	0.176	-	-	Tuff
56920	Z	0.235	-	-	Alluvium
56920	R	0.394	-	-	Alluvium
56920	T	0.328	-	-	Alluvium
69550	Z	0.516	0.172	3.72	Alluvium
69550	R	0.936	0.359	4.00	Alluvium
69550	T	0.920	0.390	4.09	Alluvium
73080	Z	-	0.0349	3.28	Alluvium
73080	R	-	0.0711	3.36	Alluvium
73080	T	-	0.0967	4.43	Alluvium
73080	Z	0.191	-	-	Alluvium
73080	R	0.153	-	-	Alluvium
73080	T	0.192	-	-	Alluvium
85920	Z	0.244	0.0584	4.75	Alluvium
85920	R	0.374	0.157	4.60	Alluvium
85920	T	0.566	0.206	4.32	Alluvium
95000	Z	0.196	-	-	Alluvium
95000	N-S	0.427	-	-	Alluvium
95000	E-W	0.389	-	-	Alluvium
97920	Z	0.121	0.0619	2.73	Undetermined
97920	R	0.169	0.0735	2.33	Undetermined
97920	T	0.0876	0.0316	1.90	Undetermined
102370	Z	0.181	-	-	Tuff
102370	R	0.240	-	-	Tuff
102370	Z	-	-	5.39	Alluvium
102370	R	-	0.0575	3.40	Alluvium
102370	T	-	0.0730	4.00	Alluvium
102370	Z	0.186	-	-	Alluvium
102370	R	0.311	-	-	Alluvium
102370	T	0.443	-	-	Alluvium
120160	Z	0.414	-	-	Alluvium
120160	R	0.341	-	-	Alluvium
120160	T	0.248	-	-	Alluvium
120160	Z	0.191	0.0401	6.97	Andesite
120160	N-S	0.137	0.0580	2.25	Andesite
120160	E-W	0.143	0.0343	2.79	Andesite
120160	Z	0.279	-	-	Andesite
120160	R	0.178	-	-	Andesite
120160	T	0.332	-	-	Andesite
120160	Z	-	-	6.48	Andesite

Event No. 9073	Medium Tuff	Magnitude (mb) 5.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
120160	R	-	0.0705	3.59	Andesite
120160	T	-	0.0299	3.11	Andesite
131200	Z	0.124	0.0484	1.61	Alluvium
131200	R	0.117	0.0565	1.08	Alluvium
131200	T	0.0741	0.0358	1.34	Alluvium
157000	Z	-	0.0840	3.08	Alluvium
157000	R	-	0.0988	2.06	Alluvium
157000	T	-	0.119	1.23	Alluvium
159000	Z	0.109	-	-	Alluvium
159000	R	0.0842	-	-	Alluvium
159000	T	0.157	-	-	Alluvium
160000	Z	-	-	2.96	Alluvium
160000	R	-	0.0555	1.69	Alluvium
160000	T	-	0.141	2.43	Alluvium
166000	Z	0.231	-	-	Alluvium
166000	N-S	0.333	-	-	Alluvium
166000	E-W	0.205	-	-	Alluvium
166000	Z	-	-	2.83	Alluvium
166000	N-S	-	0.1000	2.16	Alluvium
166000	E-W	-	0.0979	1.94	Alluvium
182000	Z	0.0811	-	-	Carbonate
182000	R	0.0615	-	-	Carbonate

Event No. 9129	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
637	Z	-	1.17	295.	Alluvium
637	R	-	2.45	233.	Alluvium
637	T	-	1.29	177.	Alluvium
1530	Z	-	0.267	146.	Alluvium
1530	R	-	0.755	89.7	Alluvium
1530	T	-	0.761	81.0	Alluvium
4630	Z	-	0.0822	10.6	Alluvium
4630	R	-	0.0714	16.2	Alluvium
4630	T	-	0.0948	12.8	Alluvium
4910	Z	-	-	20.8	Alluvium
4910	R	-	0.183	20.5	Alluvium
4910	T	-	0.386	20.8	Alluvium
5210	Z	-	-	14.3	Alluvium
5210	R	-	0.144	16.2	Alluvium
5210	T	-	0.289	20.6	Alluvium
8440	Z	-	-	6.06	Alluvium
8440	R	-	0.0804	8.04	Alluvium
8440	T	-	0.140	8.36	Alluvium
8990	Z	-	-	2.79	Alluvium
8990	R	-	-	3.72	Alluvium
8990	T	-	0.0284	5.50	Alluvium
10300	Z	-	-	1.47	Quartzite
10300	R	-	0.0174	2.37	Quartzite
10300	T	-	0.0201	2.03	Quartzite

Event No. 9276	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
15500	N-S	-	0.0276	5.92	Carbonate
15500	E-W	-	0.0228	3.85	Carbonate
19800	N-S	-	0.0610	2.71	Alluvium
19800	E-W	-	0.0571	3.36	Alluvium
30500	N-S	0.0838	0.0227	-	Tuff
30500	E-W	0.0705	0.0290	1.60	Tuff
30500	Z	0.0755	-	-	Tuff
30700	N-S	-	0.0291	-	Alluvium
109000	Z	-	0.000310	-	Alluvium
109000	N-S	-	0.00160	-	Alluvium
109000	E-W	-	0.00113	-	Alluvium
109000	N-S	-	0.00136	-	Alluvium
109000	E-W	-	0.000900	-	Alluvium

Event No. 9310	Medium Tuff	Magnitude (mb) 5.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1032	Z	-	9.21	1048.	Alluvium
1032	T	-	10.8	1430.	Alluvium
1032	R	-	16.5	944.	Alluvium
2000	Z	-	3.43	786.	Alluvium
2000	T	-	5.25	318.	Alluvium
2000	R	-	11.1	465.	Alluvium
2936	Z	-	-	221.	Alluvium
2936	T	-	1.68	209.	Alluvium
2936	R	-	1.41	179.	Alluvium
3089	Z	-	1.06	229.	Alluvium
3089	T	-	1.32	129.	Alluvium
3089	R	-	2.15	208.	Alluvium
3110	Z	-	-	219.	Alluvium
3110	T	-	2.33	262.	Alluvium
3110	R	-	5.57	271.	Alluvium
3399	Z	-	1.33	167.	Alluvium
3399	T	-	1.66	160.	Alluvium
3399	R	-	3.83	260.	Alluvium
3868	Z	-	-	84.4	Alluvium
3868	T	-	0.372	39.3	Alluvium
3868	R	-	1.17	87.3	Alluvium
6101	Z	-	0.683	59.5	Alluvium
6101	T	-	0.467	39.0	Alluvium
6101	R	-	0.905	62.3	Alluvium
8896	Z	-	0.0982	26.3	Alluvium
8896	T	-	0.968	43.9	Alluvium
8896	R	-	0.431	27.1	Alluvium
9828	Z	-	-	7.90	Granite
9828	T	-	0.170	11.6	Granite
9828	R	-	0.198	10.9	Granite
10083	Z	-	0.198	24.5	Quartzite
10083	T	-	0.154	9.89	Quartzite
10083	R	-	0.149	12.1	Quartzite
10099	Z	-	0.229	4.50	Alluvium
10099	T	-	0.118	6.91	Alluvium
10099	R	-	0.152	5.40	Alluvium
10604	Z	-	0.0720	14.7	Quartzite
10604	T	-	0.233	22.9	Quartzite
10604	R	-	0.207	13.1	Quartzite

Event No. 9341	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
59	Z	-	-	1372.	Alluvium
65	Z	-	-	833.	Alluvium
86	Z	-	-	480.	Alluvium
86	R	70.0	-	-	Alluvium
140	Z	-	-	156.	Alluvium
140	R	2.44	-	-	Alluvium
1908	Z	-	0.333	52.7	Alluvium
1908	R	-	1.83	93.2	Alluvium
1908	T	-	0.909	93.7	Alluvium
4598	Z	-	-	18.3	Alluvium
4598	R	-	0.655	19.3	Alluvium
4598	T	-	0.650	20.0	Alluvium
5071	Z	-	0.0294	7.50	Alluvium
5071	R	-	0.115	10.0	Alluvium
5071	T	-	0.151	7.26	Alluvium
5184	Z	-	0.0403	3.68	Alluvium
5184	R	-	0.0578	4.26	Alluvium
5184	T	-	0.0601	3.46	Alluvium
6525	Z	-	-	3.01	Alluvium
6525	R	-	0.128	6.45	Alluvium
6525	T	-	0.0825	6.73	Alluvium
14721	Z	-	0.101	4.13	Alluvium
14721	R	-	0.300	6.83	Alluvium
14721	T	-	0.212	8.76	Alluvium
15130	Z	-	0.0400	1.72	Alluvium
15130	R	-	0.0583	2.53	Alluvium
15130	T	-	0.0996	4.15	Alluvium

Event No. 9359	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1088	T	-	0.924	79.8	Alluvium
1088	Z	-	0.531	115.	Alluvium
1088	R	-	0.940	151.	Alluvium
1163	T	-	0.828	131.	Alluvium
1163	Z	-	1.80	120.	Alluvium
1163	R	-	1.61	162.	Alluvium
2845	T	-	0.168	21.4	Alluvium
2845	Z	-	0.415	39.9	Alluvium
2845	R	-	0.169	27.8	Alluvium
4875	T	-	0.307	40.4	Alluvium
4875	Z	-	0.225	14.0	Alluvium
4875	R	-	0.226	21.7	Alluvium
5640	T	-	0.251	19.2	Alluvium
5640	Z	-	0.379	11.8	Alluvium
5640	R	-	0.238	16.7	Alluvium
6395	T	-	0.0875	5.65	Alluvium
6395	Z	-	0.0701	4.46	Alluvium
6395	R	-	0.0573	5.99	Alluvium
7465	T	-	0.0147	1.46	Alluvium
7465	Z	-	-	1.70	Alluvium
7465	R	-	0.0140	1.37	Alluvium
11000	T	-	0.0945	7.27	Alluvium
11000	Z	-	0.131	4.04	Alluvium
11000	R	-	0.0562	4.22	Alluvium

Event No. 9430	Medium Alluvium	Magnitude (mb) 4.6			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
137	Z	33.5	-	2450.	Alluvium
152	Z	-	-	1666.	Alluvium
193	Z	-	-	588.	Alluvium
193	R	73.1	-	-	Alluvium
306	Z	-	-	137.	Alluvium
306	R	25.6	-	-	Alluvium
1352	Z	4.20	-	-	Alluvium
1352	R	2.53	-	-	Alluvium
1352	T	2.93	-	-	Alluvium
1352	T	2.19	0.177	36.1	Alluvium
1352	Z	2.82	0.296	52.8	Alluvium
1352	R	2.29	0.263	33.7	Alluvium
2199	R	1.55	-	-	Alluvium
2199	T	1.29	-	-	Alluvium
2199	T	1.43	0.0848	24.4	Alluvium
2199	Z	0.558	0.0987	25.0	Alluvium
2199	R	1.17	0.200	31.2	Alluvium
4022	R	0.900	-	-	Alluvium
4022	T	0.815	-	-	Alluvium
4022	T	0.617	0.0882	8.77	Alluvium
4022	Z	0.690	0.0269	9.60	Alluvium
4022	R	0.655	0.111	10.3	Alluvium
7470	R	0.347	-	-	Alluvium
7470	T	0.376	-	-	Alluvium
7470	T	0.336	0.0443	4.88	Alluvium
7470	Z	0.250	-	3.78	Alluvium
7470	R	0.384	0.0521	5.32	Alluvium
9433	R	-	0.0297	-	Alluvium
9433	T	-	0.0341	-	Alluvium
13696	R	0.191	-	-	Alluvium
13696	T	0.245	-	-	Alluvium
13696	T	-	0.0311	-	Alluvium
13696	R	-	0.0332	-	Alluvium

Event No. 9525	Medium Tuff	Magnitude (mb) 6.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
7850	Z	-	-	398.	Undetermined
7850	R	-	-	1568.	Undetermined
7850	T	-	-	1715.	Undetermined
7850	Z	-	-	891.	Undetermined
7850	T	-	-	1117.	Undetermined
24390	Z	8.52	1.13	59.1	Tuff
24390	R	5.32	1.84	58.8	Tuff
24390	T	7.53	2.25	47.8	Tuff
48670	Z	3.82	1.05	26.1	Alluvium
48670	R	2.92	1.04	20.3	Alluvium
48670	T	2.68	0.710	15.5	Alluvium
52960	Z	1.92	0.790	14.4	Alluvium
52960	R	1.67	0.582	13.4	Alluvium
52960	T	2.05	0.567	16.7	Alluvium
53110	Z	1.65	0.634	8.46	Tuff
53110	R	1.72	0.691	3.99	Tuff
53110	T	0.640	0.187	9.40	Tuff
55160	Z	-	-	42.2	Alluvium
55160	N-S	-	1.23	42.4	Alluvium
55160	E-W	-	1.36	39.1	Alluvium
55160	Z	3.18	0.542	37.4	Alluvium
55160	R	1.96	0.641	36.7	Alluvium
55160	T	2.10	0.762	35.1	Alluvium
55290	Z	-	1.14	48.8	Alluvium
55290	N-S	-	0.564	46.7	Alluvium
55290	E-W	-	0.808	26.6	Alluvium
55290	Z	3.33	0.543	34.9	Alluvium
55290	E-W	2.62	0.912	42.5	Alluvium
55290	N-S	2.05	0.524	36.8	Alluvium
55680	Z	0.724	0.326	4.80	Carbonate
55680	R	1.00	0.474	5.19	Carbonate
55680	T	0.862	0.371	6.48	Carbonate
56170	Z	3.21	0.571	29.8	Alluvium
56170	E-W	2.11	0.866	26.3	Alluvium
56170	Z	-	0.158	20.3	Alluvium
56170	E-W	-	0.222	13.8	Alluvium
56170	N-S	-	0.335	11.2	Alluvium
56830	Z	2.80	0.563	26.2	Alluvium
56830	E-W	2.34	1.04	22.0	Alluvium
56830	N-S	2.74	0.563	26.9	Alluvium
58150	Z	-	0.207	13.8	Alluvium
58150	N-S	-	0.492	10.6	Alluvium

Event No. 9525	Medium Tuff	Magnitude (mb) 6.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
58150	E-W	-	0.635	10.5	Alluvium
58730	Z	-	0.283	20.2	Alluvium
58730	N-S	-	0.566	15.4	Alluvium
58730	E-W	-	1.04	10.8	Alluvium
58730	Z	1.87	0.370	19.5	Alluvium
58730	N-S	1.96	0.647	19.5	Alluvium
60770	Z	1.83	0.378	17.9	Alluvium
60770	E-W	2.52	0.938	24.6	Alluvium
60770	N-S	2.00	0.641	19.6	Alluvium
74860	Z	1.31	0.444	8.82	Alluvium
74860	R	2.04	0.760	6.95	Alluvium
74860	T	1.86	0.743	9.43	Alluvium
81030	Z	-	0.0883	4.95	Undetermined
81030	R	-	0.0484	7.43	Undetermined
81030	T	-	0.0187	6.01	Undetermined
83800	Z	0.276	0.142	3.34	Alluvium
83800	R	0.346	0.134	3.00	Alluvium
83800	T	0.259	0.117	2.70	Alluvium
102000	Z	1.11	0.239	21.0	Alluvium
102000	R	0.951	0.312	18.0	Alluvium
102000	T	0.729	0.140	18.3	Alluvium
107430	Z	0.480	0.0667	10.0	Alluvium
107430	R	0.594	0.106	15.1	Alluvium
107430	T	0.515	0.0842	8.88	Alluvium
107440	Z	0.430	0.0641	7.42	Andesite
107440	R	0.398	0.0753	4.99	Andesite
107460	Z	-	0.0325	10.3	Andesite
107460	R	-	0.126	11.0	Andesite
107460	T	-	0.201	11.7	Andesite
107570	Z	-	0.0870	5.73	Andesite
107570	R	-	0.0824	2.90	Andesite
107570	T	-	0.163	5.30	Andesite
110570	Z	0.579	0.186	5.44	Undetermined
110570	R	0.419	0.253	4.95	Undetermined
110570	T	0.292	0.123	4.89	Undetermined
114890	Z	0.780	0.168	7.00	Undetermined
114890	R	0.765	0.257	8.15	Undetermined
114890	T	0.399	0.186	4.27	Undetermined
129890	Z	0.674	0.146	8.43	Alluvium
129890	R	0.749	0.269	5.87	Alluvium
129890	T	1.20	0.549	4.40	Alluvium
146280	Z	0.361	0.104	4.91	Alluvium

Event No. 9525	Medium Tuff	Magnitude (mb) 6.1			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
146280	R	0.364	0.0963	5.93	Alluvium
146280	T	0.277	0.0813	5.69	Alluvium
169210	Z	-	0.135	5.66	Alluvium
169210	N-S	-	0.539	5.39	Alluvium
169210	E-W	-	0.443	5.65	Alluvium
173570	R	1.24	0.576	-	Alluvium
173750	Z	0.630	0.181	4.71	Alluvium
173750	R	1.28	0.649	5.21	Alluvium
173750	T	0.991	0.419	5.28	Alluvium
175120	T	0.899	0.390	-	Alluvium
176010	R	0.882	0.321	3.72	Alluvium
176010	T	0.615	0.209	3.41	Alluvium
176010	R	0.844	0.328	3.90	Alluvium
176010	T	0.878	0.257	4.53	Alluvium
176540	Z	-	0.545	2.78	Alluvium
176540	N-S	-	0.264	3.18	Alluvium
176540	E-W	-	0.196	2.66	Alluvium
176540	R	0.793	0.276	4.12	Alluvium
176540	T	0.692	0.210	3.92	Alluvium
178860	Z	-	-	4.47	Alluvium
178860	N-S	-	0.245	3.73	Alluvium
178860	E-W	-	0.303	3.96	Alluvium
178860	Z	0.600	0.0990	5.14	Alluvium
178860	N-S	0.743	0.297	4.30	Alluvium
178860	E-W	0.593	0.293	4.36	Alluvium
180670	Z	0.270	0.146	1.86	Undetermined
180670	R	0.243	0.134	1.82	Undetermined
180670	T	0.237	0.105	1.54	Undetermined
256670	Z	0.145	0.0501	-	Alluvium
256670	R	0.156	0.0578	-	Alluvium
256670	T	0.175	0.0553	-	Alluvium
381000	E-W	0.0764	0.0281	-	Alluvium
381000	N-S	0.0758	0.0344	-	Alluvium
544700	Z	0.212	0.0670	0.812	Alluvium
544700	R	0.129	0.0329	0.464	Alluvium
544700	T	0.150	0.0635	0.804	Alluvium

Event No. 9541	Medium Tuff	Magnitude (mb) 4.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
433	Z	85.3	-	3234.	Alluvium
486	Z	-	-	2254.	Alluvium
617	Z	-	-	1568.	Alluvium
644	Z	-	-	1803.	Alluvium
644	R	-	-	1244.	Alluvium
981	Z	-	-	1176.	Alluvium
981	R	12.2	-	-	Alluvium
1155	T	49.2	-	729.	Alluvium
1155	Z	-	-	1323.	Alluvium
1155	R	63.7	-	1166.	Alluvium
1975	Z	12.6	-	-	Alluvium
1975	R	17.5	-	-	Alluvium
1975	T	24.1	-	-	Alluvium
1975	T	23.1	2.37	298.	Alluvium
1975	Z	17.7	1.24	273.	Alluvium
1975	R	15.8	3.91	410.	Alluvium
5483	Z	4.86	-	-	Alluvium
5483	R	5.46	-	-	Alluvium
5483	T	6.56	-	-	Alluvium
5483	T	7.79	1.13	60.0	Alluvium
5483	Z	4.44	0.445	56.3	Alluvium
5483	R	6.20	1.23	61.7	Alluvium
7548	Z	2.04	-	-	Alluvium
7548	R	3.41	-	-	Alluvium
7548	T	5.73	-	-	Alluvium
7548	T	5.21	1.35	45.8	Alluvium
7548	Z	3.26	0.157	25.4	Alluvium
7548	R	3.54	0.850	38.3	Alluvium
11778	Z	1.33	-	-	Alluvium
11778	R	2.33	-	-	Alluvium
11778	T	1.15	-	-	Alluvium
11778	T	1.80	0.255	18.5	Alluvium
11778	Z	1.60	0.0566	9.66	Alluvium
11778	R	4.28	0.556	26.3	Alluvium
12175	Z	0.464	-	-	Alluvium
12175	R	1.58	-	-	Alluvium
12175	T	1.80	-	-	Alluvium
12175	T	1.88	0.431	15.7	Alluvium
12175	Z	0.750	0.0280	6.97	Alluvium
12175	R	1.54	0.295	12.5	Alluvium
14728	R	2.30	-	-	Alluvium
14728	T	1.52	-	-	Alluvium

Event No. 9541	Medium Tuff	Magnitude (mb) 4.9			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
14728	T	1.63	0.342	15.8	Alluvium
14728	Z	1.60	-	13.2	Alluvium
14728	R	1.91	-	13.1	Alluvium
17229	T	0.375	-	-	Alluvium
17229	T	0.338	0.111	7.07	Alluvium
17229	Z	0.544	-	8.94	Alluvium
17229	R	0.480	-	7.26	Alluvium
18122	Z	-	-	2.58	Granite
18122	T	-	0.0748	2.35	Granite
18122	R	-	0.00979	2.69	Granite

Event No. 9627	Medium Tuff	Magnitude (mb) 5.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
9800	Z	-	2.82	219.	Alluvium
9800	N-S	-	2.28	411.	Alluvium
9800	E-W	-	1.75	317.	Alluvium
11100	Z	-	0.171	75.4	Undetermined
11100	N-S	-	0.492	46.1	Undetermined
11100	E-W	-	0.780	59.5	Undetermined
11700	Z	-	-	14.1	Carbonate
11700	N-S	-	0.412	9.99	Carbonate
11700	E-W	-	0.437	20.8	Carbonate
14600	Z	-	-	75.1	Undetermined
14600	N-S	-	1.40	60.7	Undetermined
14600	E-W	-	0.991	72.7	Undetermined
18100	Z	-	0.302	25.8	Tuff
18100	N-S	-	1.11	44.5	Tuff
18100	E-W	-	-	35.6	Tuff
31300	Z	-	-	25.5	Tuff
31300	N-S	-	0.678	24.3	Tuff
31300	E-W	-	0.845	19.9	Tuff
41200	Z	-	0.116	7.97	Alluvium
41200	N-S	-	0.450	10.9	Alluvium
41200	E-W	-	0.920	4.36	Alluvium
41700	N-S	0.726	0.179	8.09	Alluvium
41700	E-W	0.711	0.265	8.96	Alluvium
41700	Z	-	0.189	7.62	Alluvium
41700	N-S	-	0.510	8.38	Alluvium
41700	E-W	-	-	7.35	Alluvium
52800	Z	-	0.0691	3.25	Alluvium
52800	N-S	-	0.118	4.26	Alluvium
52800	E-W	-	0.290	4.19	Alluvium
52800	R	0.355	0.0786	3.36	Alluvium
52800	T	0.425	0.134	3.54	Alluvium
72500	Z	-	0.127	-	Undetermined
72500	N-S	-	0.160	-	Undetermined
72500	E-W	-	0.0640	-	Undetermined
72500	Z	0.263	0.109	1.94	Undetermined
72500	R	0.222	0.104	2.06	Undetermined
72500	T	0.195	0.0636	1.83	Undetermined
86000	Z	0.167	0.0558	2.08	Alluvium
86000	R	0.357	0.132	2.17	Alluvium
86000	T	0.268	0.110	2.18	Alluvium
86000	Z	-	-	2.21	Alluvium
86000	N-S	-	0.200	2.94	Alluvium

Event No. 9627	Medium Tuff	Magnitude (mb) 5.7			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
86000	E-W	-	0.228	2.52	Alluvium
135000	Z	0.210	0.179	1.40	Alluvium
135000	R	0.271	0.334	2.14	Alluvium
135000	T	0.363	0.219	2.32	Alluvium
135000	Z	0.190	0.184	2.32	Alluvium
135000	R	0.278	0.347	2.21	Alluvium
135000	T	0.435	0.219	2.98	Alluvium
136000	Z	-	0.0610	1.87	Alluvium
136000	N-S	-	0.557	2.64	Alluvium
136000	E-W	-	0.212	2.21	Alluvium
137000	N-S	0.374	0.166	2.03	Alluvium
137000	E-W	0.336	0.138	2.28	Alluvium
137000	R	0.407	0.178	2.47	Alluvium
140000	Z	0.213	0.0501	3.01	Alluvium
140000	N-S	0.419	0.154	2.46	Alluvium
140000	E-W	0.333	0.162	2.07	Alluvium
140000	Z	-	-	2.32	Alluvium
140000	N-S	-	0.200	1.27	Alluvium
140000	E-W	-	0.196	1.63	Alluvium
140000	Z	-	0.0534	-	Alluvium
140000	N-S	-	0.150	-	Alluvium
140000	E-W	-	0.210	-	Alluvium
140000	N-S	-	0.0136	-	Alluvium
140000	E-W	-	0.0116	-	Alluvium
147000	Z	0.184	0.0270	3.01	Alluvium
147000	R	0.0935	0.0375	3.75	Alluvium
147000	T	0.125	0.0294	1.85	Alluvium
147000	Z	0.161	0.0251	2.08	Andesite
147000	R	0.103	0.0429	1.09	Andesite
147000	T	0.163	0.0273	1.26	Andesite

Event No. 9712	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
2080	Z	-	2.07	-	Alluvium
2080	R	-	2.92	189.	Alluvium
2080	T	-	1.89	265.	Alluvium
3080	Z	-	1.98	107.	Alluvium
3080	R	-	2.55	152.	Alluvium
3080	T	-	1.10	89.1	Alluvium
4630	Z	-	0.760	72.3	Alluvium
4630	R	-	1.15	56.5	Alluvium
4630	T	-	0.758	45.0	Alluvium
6400	Z	-	0.267	41.8	Alluvium
6400	R	-	0.888	45.2	Alluvium
6400	T	-	0.799	38.6	Alluvium
6940	Z	-	-	46.1	Alluvium
6940	R	-	-	23.2	Alluvium
6940	T	-	-	137.	Alluvium
7370	N-S	-	-	55.5	Alluvium
7370	E-W	-	-	25.4	Alluvium
8200	Z	-	0.0960	28.7	Alluvium
8200	R	-	1.23	29.0	Alluvium
8200	T	-	0.540	22.0	Alluvium
9800	Z	-	0.327	17.1	Alluvium
9800	R	-	-	18.9	Alluvium
9800	T	-	0.226	16.6	Alluvium
10000	Z	-	0.0720	18.2	Alluvium
10000	R	-	-	24.2	Alluvium
10000	T	-	0.312	-	Alluvium
12500	Z	-	0.0995	12.8	Alluvium
12500	R	-	0.202	7.47	Alluvium
12500	T	-	0.392	11.3	Alluvium
19300	Z	-	-	5.41	Undetermined
19300	R	-	0.0442	3.59	Undetermined
19300	T	-	0.0497	4.76	Undetermined
20800	Z	-	-	2.90	Carbonate
20800	R	-	0.0626	2.21	Carbonate
20800	T	-	0.0465	1.79	Carbonate
30000	Z	-	0.0326	1.79	Alluvium
30000	R	-	0.240	6.40	Alluvium
30000	T	-	-	7.26	Alluvium
39300	Z	-	0.0387	-	Alluvium
39300	R	-	0.0641	1.54	Alluvium
39300	T	-	0.0540	1.48	Alluvium
42400	R	0.242	0.0601	1.54	Alluvium

Event No. 9712	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
42400	T	0.366	0.0920	2.52	Alluvium
48150	Z	-	-	1.50	Alluvium
48150	N-S	-	0.0250	1.97	Alluvium
48150	E-W	-	0.0295	1.67	Alluvium
48150	Z	0.216	0.0377	4.07	Alluvium
48150	R	0.356	0.0658	5.68	Alluvium
48150	T	0.288	0.0624	5.03	Alluvium
48150	R	0.237	0.0432	5.40	Alluvium
48150	T	0.327	0.0595	5.52	Alluvium
68500	Z	0.0465	0.0120	0.801	Undetermined
68500	R	0.0473	0.0122	0.955	Undetermined
68500	T	0.0465	0.0128	0.921	Undetermined
70000	Z	-	-	1.16	Alluvium
70000	N-S	-	-	1.52	Alluvium
70000	E-W	-	-	1.89	Alluvium
84500	Z	0.0938	0.0252	1.36	Alluvium
84500	R	0.108	0.0302	1.04	Alluvium
84500	T	0.0891	0.0240	0.762	Alluvium
101500	Z	0.0216	0.00485	0.291	Alluvium
101500	R	0.0257	0.00500	0.286	Alluvium
101500	T	0.0185	0.00491	0.196	Alluvium
116000	Z	-	0.0173	-	Alluvium
116000	N-S	-	0.0120	-	Alluvium
116000	E-W	-	0.0233	-	Alluvium
116000	Z	0.0470	0.0189	0.445	Alluvium
116000	R	0.0800	0.0305	0.522	Alluvium
116000	T	0.0778	0.0238	0.504	Alluvium
128000	Z	0.0488	0.0101	0.494	Alluvium
128000	R	0.0985	0.0272	0.785	Alluvium
128000	T	0.0800	0.0266	0.474	Alluvium
128000	Z	0.0394	0.0101	0.504	Alluvium
128000	R	0.0947	0.0288	0.667	Alluvium
128000	T	0.101	0.0331	0.589	Alluvium
129000	N-S	-	0.00265	-	Alluvium
129000	E-W	-	0.00240	-	Alluvium
135000	Z	0.0361	0.00638	0.473	Alluvium
135000	N-S	0.0572	0.0173	0.509	Alluvium
135000	E-W	0.0550	0.0264	0.395	Alluvium
135000	N-S	-	0.0168	-	Alluvium
135000	N-S	-	0.00328	-	Alluvium
135000	E-W	-	0.00222	-	Alluvium
212300	N-S	-	0.00207	-	Alluvium
212300	E-W	-	0.00127	-	Alluvium

Event No. 9719	Medium Tuff	Magnitude (mb) 5.5			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
11440	Z	-	-	149.	Undetermined
11440	T	-	-	109.	Undetermined
11960	Z	-	-	156.	Undetermined
11960	T	-	-	93.9	Undetermined
14180	Z	-	-	451.	Tuff
14180	T	-	-	44.1	Tuff
38320	Z	1.06	0.238	29.8	Basalt
38320	R	0.746	0.230	11.1	Basalt
38320	T	0.768	0.338	8.08	Basalt
47420	Z	0.764	0.296	3.93	Undetermined
47420	R	0.681	0.248	3.18	Undetermined
47420	T	0.398	0.145	2.34	Undetermined
48330	Z	0.632	0.227	3.96	Alluvium
48330	R	0.948	0.325	12.1	Alluvium
48330	T	0.810	0.227	8.92	Alluvium
50790	Z	1.23	0.115	45.3	Undetermined
50790	R	0.512	0.178	9.45	Undetermined
50790	T	0.512	0.231	17.0	Undetermined
52060	Z	1.17	0.130	29.8	Alluvium
52060	R	0.750	0.215	17.4	Alluvium
52060	T	0.975	0.230	19.3	Alluvium
52060	Z	-	0.233	28.8	Alluvium
52060	N-S	-	0.136	19.7	Alluvium
52060	E-W	-	0.323	19.2	Alluvium
52350	Z	2.52	0.168	81.3	Alluvium
52350	R	0.945	0.168	29.8	Alluvium
52350	T	1.26	0.269	36.5	Alluvium
52360	Z	0.692	0.154	12.5	Undetermined
52360	R	0.895	0.294	6.88	Undetermined
52360	T	0.936	0.350	6.63	Undetermined
52440	Z	1.81	0.170	69.8	Alluvium
52440	R	0.826	0.164	20.3	Alluvium
52440	T	1.18	0.290	30.5	Alluvium
52780	Z	3.77	0.226	125.	Alluvium
52780	R	1.81	0.309	38.3	Alluvium
52780	T	1.81	0.571	46.4	Alluvium
52780	Z	-	0.257	116.	Alluvium
52780	N-S	-	0.243	86.2	Alluvium
52780	E-W	-	0.278	39.6	Alluvium
52820	Z	4.05	0.246	147.	Alluvium
52820	R	1.98	0.273	57.7	Alluvium
52820	T	2.25	0.642	86.6	Alluvium

Event No. 9719	Medium Tuff	Magnitude (mb) 5.5			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
53050	R	0.965	0.0816	29.5	Alluvium
53050	Z	1.74	0.0890	59.2	Alluvium
53050	T	0.816	0.171	27.0	Alluvium
53080	Z	-	0.450	112.	Alluvium
53080	N-S	-	0.346	57.7	Alluvium
53080	E-W	-	0.318	50.1	Alluvium
53150	Z	1.54	0.0724	46.7	Alluvium
53150	R	1.26	0.0945	34.2	Alluvium
53150	T	0.598	0.145	18.7	Alluvium
54030	Z	0.773	0.109	21.9	Alluvium
54030	R	0.911	0.144	13.8	Alluvium
54030	T	0.632	0.278	10.2	Alluvium
54030	N-S	-	0.170	13.1	Alluvium
54030	Z	-	-	21.0	Alluvium
54030	E-W	-	0.279	7.56	Alluvium
54710	Z	0.484	0.127	9.89	Alluvium
54710	R	0.856	0.283	10.5	Alluvium
54710	T	0.781	0.343	8.97	Alluvium
55580	Z	0.735	0.119	19.8	Alluvium
55580	R	0.630	0.196	13.9	Alluvium
55580	T	0.787	0.329	13.5	Alluvium
55580	Z	-	-	17.6	Alluvium
55580	N-S	-	-	11.4	Alluvium
55580	E-W	-	-	9.75	Alluvium
55970	Z	0.520	0.111	8.15	Alluvium
55970	R	0.488	0.117	10.2	Alluvium
55970	T	0.693	0.281	6.86	Alluvium
55970	Z	-	-	8.37	Alluvium
55970	N-S	-	0.233	10.3	Alluvium
55970	E-W	-	0.381	5.99	Alluvium
58450	Z	0.543	0.117	8.15	Alluvium
58450	R	0.652	0.208	5.05	Alluvium
58450	T	0.908	0.325	5.21	Alluvium
106240	Z	0.262	0.0547	6.00	Alluvium
106240	R	0.205	0.0535	5.11	Alluvium
106240	T	0.132	0.0324	3.09	Alluvium
108060	Z	0.163	0.0271	4.37	Andesite
108060	R	0.127	0.0562	1.77	Andesite
108060	T	0.0963	0.0394	2.04	Andesite
108200	Z	0.217	0.0289	4.56	Alluvium
108200	R	0.224	0.0510	6.53	Alluvium
108200	T	0.125	0.0458	3.69	Alluvium

Event No. 9719	Medium Tuff	Magnitude (mb) 5.5			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
178450	Z	0.228	0.0514	3.00	Alluvium
178450	N-S	0.361	0.143	1.98	Alluvium

Event No. 9818	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
6830	T	-	1.10	35.3	Alluvium
6830	Z	-	1.22	32.7	Alluvium
6830	R	-	-	54.5	Alluvium
8425	T	-	0.335	18.9	Alluvium
8425	Z	-	0.198	18.3	Alluvium
8425	R	-	0.745	29.0	Alluvium
11120	T	-	-	13.9	Alluvium
11120	Z	-	0.344	19.4	Alluvium
11120	R	-	0.380	13.8	Alluvium
15780	Z	-	-	9.67	Undetermined
15780	T	-	0.107	3.65	Undetermined
15780	R	-	-	9.89	Undetermined
16000	E-W	-	0.207	5.45	Carbonate
16000	N-S	-	0.103	5.19	Carbonate
16000	Z	-	-	10.0	Carbonate
16000	E-W	-	0.196	0.723	Carbonate
16000	N-S	-	0.0935	-	Carbonate
16000	Z	-	-	0.686	Carbonate
16810	Z	-	-	6.00	Carbonate
16810	T	-	0.130	3.61	Carbonate
16810	R	-	0.106	3.84	Carbonate
38500	Z	-	-	2.97	Tuff
38500	N-S	-	-	5.02	Tuff
38500	E-W	-	0.135	4.39	Tuff
39000	E-W	-	0.134	4.01	Alluvium
39000	N-S	-	0.188	3.42	Alluvium
39000	Z	-	0.0710	2.38	Alluvium
41500	Z	0.214	-	-	Alluvium
41500	N-S	0.268	-	-	Alluvium
41500	E-W	0.224	-	-	Alluvium
48000	E-W	-	0.0448	2.98	Alluvium
48000	N-S	-	0.0478	2.14	Alluvium
48000	Z	-	-	2.68	Alluvium
56500	E-W	-	-	2.39	Tuff
56500	N-S	-	-	2.45	Tuff
56500	Z	-	-	2.20	Tuff
67500	Z	0.219	0.0758	2.17	Undetermined
67500	R	0.115	0.392	0.729	Undetermined
67500	T	0.0744	0.220	0.980	Undetermined
83500	Z	0.207	0.0778	1.61	Alluvium
83500	R	0.268	0.0926	1.74	Alluvium
83500	T	0.192	0.0590	1.06	Alluvium

Event No. 9818	Medium Tuff	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
101000	Z	0.0400	0.0136	0.325	Alluvium
101000	R	0.0431	0.0142	0.399	Alluvium
101000	T	0.0480	0.0131	0.374	Alluvium
117000	Z	0.149	0.0581	0.616	Alluvium
117000	R	0.155	0.0407	0.815	Alluvium
117000	T	0.203	0.0737	0.926	Alluvium
136000	Z	-	0.00600	-	Alluvium
136000	N-S	-	0.0206	-	Alluvium
136000	E-W	-	0.0210	-	Alluvium
136000	N-S	0.0489	0.00512	-	Alluvium
136000	E-W	0.0548	0.00630	-	Alluvium
136000	Z	0.0431	-	-	Alluvium

Event No. 9900	Medium Alluvium	Magnitude (mb) -			
Distance (meters)	Comp.	Velocity (cm/sec)	Displacement (cm)	Acceleration (cm/sec/sec)	Medium
1310	Z	-	0.102	11.2	Alluvium
1310	R	-	0.104	14.7	Alluvium
1310	T	-	0.0844	14.2	Alluvium
4017	R	-	0.143	-	Granite
4017	T	-	0.275	-	Granite
5240	Z	-	0.0763	4.06	Alluvium
5240	R	-	0.0531	6.25	Alluvium
5240	T	-	0.0429	5.35	Alluvium
5450	Z	-	0.261	7.96	Alluvium
5450	R	-	0.148	12.7	Alluvium
5450	T	-	0.129	12.5	Alluvium
5960	Z	-	0.102	6.50	Alluvium
5960	R	-	0.104	17.1	Alluvium
5960	T	-	0.0844	15.6	Alluvium
8230	Z	-	0.0649	4.70	Alluvium
8230	R	-	0.118	8.08	Alluvium
8230	T	-	0.0922	10.9	Alluvium
9850	Z	-	0.255	6.95	Alluvium
9850	R	-	0.299	8.85	Alluvium
9850	T	-	0.224	9.67	Alluvium
12380	R	-	0.0725	-	Alluvium
12380	T	-	0.0704	-	Alluvium
12740	R	-	0.0287	-	Alluvium
12740	T	-	0.0326	-	Alluvium