

Table 1. Well, piezometer, snow, and rock sample locations.

Location	Location description	Completion date	Latitude	Longitude
TC08RK01	Outcrop in gulley	1/8/2008	36.12278	-111.20651
TC08RK02	Green-stained Navajo Sandstone north of US 160	1/11/2008	36.13026	-111.19853
TC08RK-02A	Sand sample high on dune at Goldtooth Spring	4/30/2008	36.10004	-111.24124
TC08RK-02B	Dune sand sample at Goldtooth Spring, salt crusts	4/30/2008	36.10004	-111.24124
TC08RK-02C	Damp dune sand sample at Goldtooth Spring	4/30/2008	36.10004	-111.24124
TC08RK-02D	Rock sample near Goldtooth Spring, salt crusts	4/30/2008	36.10004	-111.24124
TC08RK-05	Bedrock sample near Yazzie culvert spring	5/2/2008	36.13311	-111.19073
TC08SS02	Clayey material east of berm	1/8/2008	36.12009	-111.20895
TC08SS03-A	Soil/Weathered bedrock profile in small wash	1/8/2008	36.12000	-111.20784
TC08SS03-B	Soil/Weathered bedrock profile in small wash	1/8/2008	36.12000	-111.20784
TC08SS03-C	Soil/Weathered bedrock profile in small wash	1/8/2008	36.12000	-111.20784
TC08SS03-D	Soil/Weathered bedrock profile in small wash	1/8/2008	36.12000	-111.20784
TC08SS03-E	Soil/Weathered bedrock profile in small wash	1/8/2008	36.12000	-111.20784
TC08SS05	Gulley bottom wash, north from SS03	1/8/2008	36.12002	-111.20774
TC08SS06	Area with salt crust east of berm	1/9/2008	36.12060	-111.20861
TC08B01	Boring in dune sand between MW-16 and MW-21	1/9/2008	36.12103	-111.20725
TC08B02	Dune area downwind (east) of limestone ledge	1/9/2008	36.12171	-111.20460
TC08B03	Boring in gulley	1/9/2008	36.12248	-111.20633
TC08B04	Boring in gulley	1/9/2008	36.12267	-111.20662
TC08B05	Auger directly into bedrock in gulley	1/9/2008	36.12279	-111.20653
TC08B06	Boring near MW-01	1/10/2008	36.12115	-111.19616
TC08B07	Boring near MW-20	1/10/2008	36.11898	-111.20130
TC08B08	Boring near MW-21	1/10/2008	36.12168	-111.20652
TC08B09	Boring downgradient from MW-07, south of NAV-01	1/10/2008	36.12225	-111.20507
TC08B10	Boring towards MW-23 from B09	1/10/2008	36.12260	-111.20539
TC08B11	Boring near NAV-07	1/11/2008	36.12421	-111.19462
TC08B12	Boring near NAV-04	1/11/2008	36.12517	-111.20395
TC08B13	Boring near NAV-05	1/11/2008	36.1263786	-111.1975816
TC08B14	Boring in gully across the road from NAV-05	1/11/2008	36.12718	-111.19847
TC08B15	Boring between B09 and B10	1/11/2008	36.12247	-111.20520
TC08B16	First boring from B03 towards MW-21	2/4/2008	36.12223	-111.20641
TC08B17	Second boring from B03 toward MW-21	2/4/2008	36.12196	-111.20647
TC08B18	Boring at MW-16	2/7/2008	36.12022	-111.20812
TC08B19	Boring along geophysics profile east of berm	2/7/2008	36.12103	-111.20789
TC08B20	Boring along geophysics profile east of berm	2/7/2008	36.12186	-111.20815
TC08B21	Boring at MW-22	2/7/2008	36.12278	-111.20837
TC08B26	Boring just west of entrance road down from MW-07	2/8/2008	36.12248	-111.20444
TC08B27	Boring between MW-07 and MW-08	2/10/2008	36.12238	-111.20302
TC08B28	Boring just west of entrance road down from MW-07	2/10/2008	36.12263	-111.20477
TC08B29	Boring in gulley between MW-23 and MW-21	2/11/2008	36.12247	-111.20584
TC08B30	Boring in gulley between MW-23 and MW-21	2/11/2008	36.12252	-111.20613
TC08B31	Boring in gulley between MW-23 and MW-21	2/11/2008	36.12270	-111.20615
TC08B32	Boring in gulley between MW-23 and MW-21	2/11/2008	36.12284	-111.20615
TC08B33	Boring in gulley between MW-23 and MW-21	2/11/2008	36.12231	-111.20609
TC08B34	Boring in gulley between MW-23 and MW-21	2/11/2008	36.12210	-111.20609
MW-23 piezo	Piezometer to test bedrock depth at MW-23	2/11/2008	36.1227795	-111.2054985
MW-01	Monitoring Well - Existing		36.1211941	-111.1960634
MW-02	Monitoring Well - Existing		36.1207337	-111.1979924
MW-03	Monitoring Well - Existing		36.1201594	-111.1987567
MW-04	Monitoring Well - Existing		36.1196779	-111.1996271
MW-05	Monitoring Well - Existing		36.1213250	-111.2007297
MW-06	Monitoring Well - Existing		36.1221126	-111.2022167
MW-07	Monitoring Well - Existing		36.1220927	-111.2033707
MW-08	Monitoring Well - Existing		36.1227054	-111.2030225
MW-09D	Monitoring Well - Existing		36.1225923	-111.1979060
MW-10D	Monitoring Well - Existing		36.1191379	-111.1988114
MW-11D	Monitoring Well - Existing		36.1206056	-111.2021429
MW-12D	Monitoring Well - Existing		36.1226915	-111.2030559
MW-13D	Monitoring Well - Existing		36.1216115	-111.2033887
MW-14	Monitoring Well - Existing		36.1191895	-111.2058097
MW-15	Monitoring Well - Existing		36.1190873	-111.2090745
MW-16	Monitoring Well - Existing		36.1202243	-111.2081200
MW-17	Monitoring Well - Existing		36.1210265	-111.2047383
MW-18	Monitoring Well - Existing		36.1211110	-111.2032681
MW-19	Monitoring Well - Existing		36.1186446	-111.1968110
MW-20	Monitoring Well - Existing		36.1187696	-111.2008800
MW-21	Monitoring Well - Existing		36.1216433	-111.2065486
MW-22	Monitoring Well - Existing		36.1227650	-111.2083985
MW-23	Monitoring Well - Existing		36.1227795	-111.2054985
MW-24	Monitoring Well - Existing		36.1219031	-111.2003396
MW-25	Monitoring Well - Existing		36.1190789	-111.1983293
MW-26	Monitoring Well - Existing		36.1211102	-111.1994656
MW-27	Monitoring Well - Existing		36.1196705	-111.1950096
MW-28	Monitoring Well - Existing		36.1200880	-111.2026032
MW-29	Monitoring Well - Existing		36.1176007	-111.2101553
MW-30	Monitoring Well - Existing		36.1143117	-111.2137544
MW-31	Monitoring Well - Dry		36.1122994	-111.2175862
MW-32	Monitoring Well - Existing		36.1122790	-111.2176173
NAV-01	Monitoring Well - Existing		36.1231871	-111.2051754
NAV-02	Monitoring Well - Existing		36.1240548	-111.2045933
NAV-03	Monitoring Well - Existing		36.1237409	-111.2021992
NAV-04	Monitoring Well - Existing		36.1251474	-111.2036993
NAV-05	Monitoring Well - Existing		36.1263786	-111.1975816
NAV-06	Monitoring Well - Existing		36.1246656	-111.2012862
NAV-07	Monitoring Well - Existing		36.1243848	-111.1947359
WP-01S	Monitoring Well - New		36.1216518	-111.2123044
WP-01D	Monitoring Well - New		36.1216934	-111.2122490
WP-02	Monitoring Well - New		36.1223020	-111.2106180
WP-03	Monitoring Well - New		36.1253654	-111.2116986
WP-04	Monitoring Well - New		36.1217652	-111.2076265
WP-05	Monitoring Well - New		36.1226161	-111.2044867
WP-06	Monitoring Well - New		36.1196281	-111.2100827
WP-07	Monitoring Well - New		36.1257691	-111.1941968
WP-08	Monitoring Well - New		36.1224628	-111.2064739
WP-10	Monitoring Well - New		36.1204586	-111.2093224
WP-10B	Monitoring Well - New		36.1204008	-111.2092859
WP-11S	Monitoring Well - New		36.1203970	-111.2126698
WP-11D	Monitoring Well - New		36.1203907	-111.2127415
WP-12	Monitoring Well - New		36.1264614	-111.2004181
WP-13	Monitoring Well - New		36.1216582	-111.2076676
WP-14	Monitoring Well - New		36.1158950	-111.2125259
TC-Snow-1	Snow sample near the road - field parameters only		36.12284	-111.20958
TC-Snow-2	Repeat of Snow-1 - field parameters only		36.12284	-111.20958
TC-Snow-3	Another snow sample near the road, field params only		36.12301	-111.20959
Snow-MW-07	Snow sample at MW-07		36.1220927	-111.2033707
Snow-MW-18	Snow sample at MW-18		36.1211110	-111.2032681
Residence-01	Residence tap near NAV-07		36.12540	-111.19563

All locations use a datum of WGS84 (world geographic system datum of 1984).

Monitoring well locations were provided by Stantec, Inc. (7 decimal places).

All other locations were made using a hand-held global positioning system unit (5 decimal places).

MW-23 piezo, Snow-MW-07, and Snow-MW-18 are not plotted on the maps because they are next to monitoring wells.