

Table 1. Chemical Analyses - Deeth Area Water Samples

	W10572 NESESWS14T39NR58E Elko Co., NV	W10573 NWSWNE5T39NR59E Elko Co., NV	W10574 SESWSE14T38NR59E Elko Co., NV	W10575 SWNWSWS11T38NR59E Elko Co., NV	W10576 NWNWNE22T39NR59E Elko Co., NV	W10624 SENEWS13T40NR60E Elko Co., NV
Temp (°C)	9.0	15.0	38.0	37.0	52.0	16.5
Flow (gpm)	3.0	5.0	5.0	10.0	15.0	30.0
pH	7.12	7.62	8.15	7.85	6.80	8.28
Cl	6.6	6.1	29.0	23.0	19.0	1.5
F	0.2	0.2	22.0	17.0	2.0	0.1
SO <sub>4</sub>	7.0	NA	NA	NA	12.0	11.0
HCO <sub>3</sub>	114.2	159.6	988.0	790.0	744.0	197.6
CO <sub>3</sub>	0.0	0.0	0.0	0.0	0.0	0.0
SiO <sub>2</sub>	52.0	52.0	150.0	125.0	37.0	14.0
Na	19.0	31.0	500.0	400.0	260.0	5.5
K	7.0	5.3	34.0	33.0	42.0	0.5
Ca	20.0	35.0	3.0	7.0	47.0	60.0
Mg	5.7	5.5	0.4	0.7	14.0	20.0
Li	0.0	0.0	0.0	0.1	0.8	0.0
Cu	0.0	0.0	0.0	0.0	0.0	0.0
B	0.0	0.0	0.0	1.7	1.6	0.0
MO	0.0	0.0	15.0	4.0	0.0	0.0
NH <sub>3</sub>	0.0	0.0	0.26	0.37	4.61	0.0
TDS	231.7	294.7	1726.7	1397.9	1184.0	310.2
T <sub>q</sub> SiO <sub>2</sub>	104.	104.	153.	143.	91.	57.
T <sub>c</sub> SiO <sub>2</sub>	74.	53.				
TNa-K	362.	268.	186.	201.	262.	209.
TNa-K-Ca	186.	146.	144.	145.	158.	104.

Table I

	W11524 SENE NWS10T38R60E Elko Co., NV	W11525 NESE NES19T37NR57E Elko Co., NV	W11526 SWNWNES29T35NR57E Elko Co., NV	W11527 NWNENWS16T36NR58E Elko Co., NV	W11528 SWNWNES34T37NR58E Elko Co., NV	W11529 NWNWSWS25T37NR58E Elko Co., NV
Temp (°C)	15.	17.	16.	15.	14.	14.
Flow (gpm)	20.	0.	5.	10.	15.	0.
pH	9.48	7.52	7.02	8.19	8.54	7.90
Cl	5.0	24.0	11.0	16.0	17.0	NA
F	8.9	0.2	0.1	1.7	4.0	NA
SO <sub>4</sub>	0.0	150.0	0.0	100.0	18.0	NA
HCO <sub>3</sub>	220.0	223.0	425.0	254.0	178.0	275.0
CO <sub>3</sub>	173.0	0.0	0.0	0.0	20.0	0.0
SiO <sub>2</sub>	80.0	20.0	78.0	63.0	69.0	51.0
Na	230.0	38.0	33.0	120.0	110.0	120.0
K	27.	2.8	26.0	12.0	11.0	24.0
Ca	1.0	80.0	110.0	34.0	5.0	20.0
Mg	0.0	25.0	13.0	10.0	2.0	2.0
Li	0.0	0.0	0.2	0.1	0.0	0.0
Cu	0.0	0.0	0.0	0.0	0.0	0.0
B	1.3	0.4	0.0	20.0	0.3	0.0
MO	40.0	0.0	0.0	500.0	20.0	0.0
NH <sub>3</sub>	0.3	0.0	0.6	0.0	0.0	0.3
TDS	720.2	563.4	696.9	610.8	434.3	492.3
T <sub>q</sub> SiO <sub>2</sub>	122.	70.	121.	112.	116.	103.
T <sub>c</sub> SiO <sub>2</sub>	97.	31.	96.	84.		
TNa-K	83.	192.	494.0	217.	217.	285.
TNa-K-Ca	78.	26.	81.	133.	146.	170.

Table I

	W11530 NWSENWS24T37NR58E Elko Co., NV	W11531 NESWSWS25T38NR58E Elko Co., NV	W11545 SESWNWS23T36NR58E Elko Co., NV	W11546 NWNESES29T35NR59E Elko Co., NV	W14975 SW/4S30T38NR60E Elko Co., NV	W14976 SW/4S17T38NR60E Elko Co., NV
Temp (°C)	18.	20.	10.	26.	13.	14.
Flow (gpm)	15.	0.	0.	1.	2.	5.
pH	7.99	8.79	8.29	7.50	8.20	9.20
Cl	18.0	12.0	NA	NA	90.0	20.0
F	3.8	0.2	NA	NA	1.0	10.0
SO <sub>4</sub>	32.0	21.0	NA	NA	780.0	62.0
HCO <sub>3</sub>	202.0	98.0	778.0	319.0		
CO <sub>3</sub>	0.0	20.0	0.0	NA		
SiO <sub>2</sub>	54.0	20.0	44.0	43.0	47.0	62.0
Na	88.0	8.0	840.0	57.0	470.0	390.0
K	20.0	26.0	47.0	12.0	11.0	5.6
Ca	20.0	31.0	60.0	95.0	14.0	1.3
Mg	4.0	6.0	28.0	18.0	8.5	0.3
Li	0.1	0.0	0.2	0.0	1.0	1.0
Cu	0.1	0.0	0.2	0.0	6.0 (ppb)	3.0 (ppb)
B	0.0	0.3	NA	NA	5.4	3.3
MO	20.0	0.0	0.0	0.0	15.0 (ppb)	30.0 (ppb)
NH <sub>3</sub>	0.0	2.4	0.2	0.6		
Ec(K)					2364.	1609.
TDS	441.9	244.9	1797.4	544.6	1427.9	555.5
T <sub>q</sub> SiO <sub>2</sub>	106.	60.	97.	97.	100.	111.
T <sub>c</sub> SiO <sub>2</sub>		31.	66.	65.	69.	83.
TNa-K	299.	980.	172.	290.	117.	93.
TNa-K-Ca	174.	50.	97.	153.	91.	86.

Table I

	W14977 NWSES7T38NR60E Elko Co., NV	W14978 SW/4S26T37NR58E Elko Co., NV
Temp (°C)	13.	16.
Flow (gpm)	5.	30.
pH	9.5	8.5
Cl	6.2	16.0
F	4.2	3.5
SO <sub>4</sub>	17.0	22.0
HCO <sub>3</sub>		-
CO <sub>3</sub>		
SiO <sub>2</sub>	72.0	80.
Na	140.0	87.0
K	4.8	12.0
Ca	1.0	4.3
Mg	0.1	0.8
Li	1.0	1.0
Cu	20.0 (ppb)	<2.0 (ppb)
B	0.6	0.5
MO	<8.0 (ppb) *	5.0 (ppb)
NH <sub>3</sub>		
Ec(K)	619.	474.
TDS	246.9	226.9
T <sub>q</sub> SiO <sub>2</sub>	118.	122.
T <sub>c</sub> SiO <sub>2</sub>	91.	
TNa-K	140.	246.
TNa-K-Ca	113.	161.

\* Interference