

SAMPLE LOCATION	DATE OF COLLECTION (mo./yr.)	TEMPERATURE °C	SILICA (SiO <sub>2</sub> )	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO <sub>3</sub> )	CARBONATE (CO <sub>3</sub> )	SULFATE (SO <sub>4</sub> )	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	pH	SPECIFIC CONDUCTANCE (µmhos/cm @ 25°C)	TRITIUM (pCi/liter)	REMARKS
UTAH																	
(C-9-9) 28dac*	7-64	19.5	25	29	15	341	25	468	0	50	325	0.5	2.5	7.6	1750	--	
(C-9-10) 21ddb*	9-64	13.5	13	13	12	448	21	664	0	161	285	2.2	0.7	7.6	1750	--	
(C-9-11) 1ddb*	9-64	15.5	31	88	58	286	--	266	0	97	538	0.4	0.0	7.7	1940	--	
(C-9-11) 32dda*	12-65	19.5	28	406	145	2820	271	251	0	158	5520	2.0	3.6	7.3	16200	--	
(C-10-9) 8ccc*	12-64	15.5	38	102	37	155	10	196	0	82	363	0.5	3.3	7.6	1550	--	
(C-10-9) 21acc*	8-71	--	37	82	36	140	8.0	185	1.6	71	286	0.3	3.0	8.2	1360	--	
(C-10-10) 2dcc*	9-74	18.0	38	87	38	250	24	205	0	92	490	0.5	--	7.7	2050	--	
(C-10-10) 23ca*	7-64	21.5	20	33	10	137	29	365	0	19	99	0.3	1.9	7.8	874	--	
(C-10-10) 31bbb*	12-65	24.5	45	106	34	1060	109	200	0	61	1870	2.1	8.2	7.4	6230	--	
(C-11-10) 5abb*	7-64	23.5	33	36	10	121	11	194	0	173	43	0.8	0.3	7.6	749	--	
(C-11-10) 34dcd*	9-64	--	30	309	61	293	8.3	124	0	160	982	1.1	1.0	7.4	3370	--	Flint Springs
(C-11-11) 12aba*	12-64	--	28	176	53	1680	137	248	0	95	2960	2.7	6.3	8.2	9030	--	
(C-12-9) 8bbc*	7-64	--	16	226	112	271	4.3	193	0	152	920	0.1	1.1	7.4	3220	--	Keg Spring
(C-12-10) 35baa	11-79	16	27	226	72	318	4	127	0	139	704	1.1	0.41	7.1	1900	--	Kane Spring

\* STEPHENS AND SUMSION, 1978.

1 SODIUM PLUS POTASSIUM

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED DURING FUGRO WATER RESOURCE STUDIES EXCEPT WHERE NOTED. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN, NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE AND MERIDIAN.

WATER QUALITY ANALYSES DUGWAY VALLEY, UTAH	
MX SITING INVESTIGATION DEPARTMENT OF THE AIR FORCE - BMD	TABLE C1-5
<b>FUGRO NATIONAL, INC.</b>	