

SAMPLE LOCATION	DATE OF COLLECTION (mo./yr.)	TEMPERATURE °C	SILICA (SiO ₂)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	BICARBONATE (HCO ₃)	CARBONATE (CO ₃)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	pH	SPECIFIC CONDUCTANCE (µmhos/cm @ 25°C)	TRITIUM (pCi/liter)	REMARKS
UTAH																	
(C-10-14) 33cdc*	8-76	55.6	33	740	220	7600	250	187	0	1500	12000	1.8	0.09	7.2	34700	--	Spring
(C-11-14) 3dbd*	8-76	23.5	20	120	69	800	53	297	0	400	1200	1.1	0.15	7.3	5000	--	North Spring
(C-11-14) 4aab*	8-76	17.5	18	190	100	2200	73	250	0	540	3700	1.0	0.34	7.4	11400	--	Spring
(C-11-14) 11bcb	11-79	9.5	23	43	123	612	39	288	0	506	1050	0.8	0.10	7.6	3100	--	Deadman Spring
(C-11-14) 23aca*	3-56	24.0	--	--	--	--	--	316	--	--	--	--	--	7.2	3070	--	Middle Spring
(C-11-14) 23dbd*	3-56	25.0	--	--	--	--	--	321	--	--	--	--	--	7.2	3160	--	Thomas Spring
(C-11-14) 23ddc*	8-76	27.0	19	100	54	480	45	311	0	390	670	1.2	0.14	7.3	3120	--	Spring
(C-11-14) 26aaa*	3-56	25.5	--	--	--	--	--	320	--	--	--	--	--	7.4	3160	--	Lost Spring
(C-11-14) 26add	11-79	26	20	48	89	381	29	283	0	435	245	0.8	0.22	7.2	2600	--	Percy Spring
(C-12-12) 10cbc*	8-76	22.0	31	690	170	870	18	227	0	380	2500	2.9	1.9	7.3	8400	--	Wildhorse Spring
(C-12-13) 12caa*	9-56	--	--	--	--	871	--	570	0	360	1080	--	--	8.0	4600	--	
(C-12-14) 23dcc*	8-76	20.0	21	300	120	1700	100	493	0	540	3100	0.9	0.06	7.3	10,000	--	Spring
(C-13-12) 5cbd*	6-77	16.5	3.2	130	53	410	5.1	180	--	340	610	0.6	23	--	2890	--	
(C-14-12) 4cbc*	4-77	23.0	52	110	72	650	23	360	--	300	980	0.4	0.63	--	4050	--	

* BOLKE 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 FISH SPRINGS FLAT, UTAH	
MX SITING INVESTIGATION DEPARTMENT OF THE AIR FORCE - BMD	TABLE C1-6
FUGRO NATIONAL, INC.	