

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
NEVADA																	
15N/70E-1	8-79	16	11	52	6.3	4.7	0.6	201	0	8	3.5	0.07	<0.1	7.8	250	--	Hendry's Creek
17N/70E-12	8-79	13	12	31	4.2	4.7	0.9	122	0	14	3.0	0.06	<0.1	7.6	160	--	Smith Creek
UTAH																	
(C-12-17) 34bbd	7-79	13	36	47	49	78	4.8	163	0	50	75	0.54	0.5	7.9	580	--	
(C-12-17) 34dba	7-79	15	25	74	41	122	4.2	150	0	111	250	0.28	6.4	7.8	1150	--	Sample collected from garden hose
(C-12-18) 9db	8-79	14	12	7.7	1.5	4.1	39	15	0	6	1.5	0.10	<0.10	7.7	62	--	Granite Creek
(C-12-18) 11baa	8-79	16	22	25	5.3	17	1.2	121	0	9	11	0.45	<0.1	8.7	220	--	Cottonwood Creek
(C-12-18) 28cbc	8-79	15	11	7.7	1.6	3.2	1.2	30	0	8	1.5	0.06	<0.1	8.1	54	--	Trout Creek
(C-13-18) 13acc	7-79	17	26	15	4.0	10	1.0	58	9.6	12	8	0.09	<0.1	8.2	150	--	
(C-13-18) 28acc	7-79	25	43	22	19	43	3.2	194	0	21	12	0.54	0.6	8.3	420	--	Sample collected from yard faucet - unknown distance from well
(C-13-18) 28ccc*	10-49	--	--	48	23	113 ¹	--	254	--	90	110	1.2	0.0	7.6	897	--	
(C-13-18) 28da*	12-64	--	--	62	22	28 ¹	--	88	--	38	49	--	--	7.7	339	--	
(C-13-18) 30ab	8-79	14	19	59	13	27	1.9	141	0	64	62	0.69	<0.1	7.0	320	--	Lime Spring. Sample taken from rusty iron pipe
(C-13-18) 35c*	10-49	--	--	35	6.6	--	--	68	--	250	20	0.6	0.4	7.8	489	--	
(C-14-18) 3cdc	7-79	14	35	32	20	42	3.5	238	0	28	21	0.43	0.3	8.2	390	--	Flowing well
(C-14-18) 4bdb	7-79	13	23	55	30	58	2.9	272	0	42	66	0.28	0.5	7.7	560	--	
(C-14-18) 4cdd	7-79	20	18	24	12	25	1.7	165	0	17	17	0.1	0.8	8.5	310	--	pH measurement possibly erroneous
(C-14-18) 17aaa	7-79	13	21	33	9.2	20	1.8	112	0	19	42	0.08	1.1	8.2	145	--	Howell Ranch
(C-14-18) 22bd	7-79	13	47	88	47	109	13	335	0	191	100	1.5	<0.1	7.5	960	--	Seep
(C-15-17) 8baa*	-52	--	--	86	8	579 ¹	--	212	--	889	290	--	--	--	--	--	
(C-15-19) 31bc	7-79	26	29	51	18	30	3.7	138	0	26	24	0.56	0.2	8.1	520	--	Sample collected from a spring fed pond
(C-16-18) 22cab	8-79	20	21	61	30	60	5.8	297	0	58	50	0.56	0.6	6.8	520	--	Twin Spring
(C-18-18) 16abb*		19	--	63	28	57 ¹	--	317	--	58	52	--	0.3	7.6	688	--	
(C-18-18) 16caa	8-79	18	25	59	27	49	4.9	271	0	247	230	1.1	0.2	7.4	470	--	Knoll Spring
(C-18-19) 28bbb	7-79	10	34	43	17	30	2.2	199	0	40	25	0.24	0.1	--	300	--	
(C-18-19) 29ddd*	10-57	23	--	28	9.0	28 ¹	--	159	--	10	18	--	0.9	--	327	--	
(C-19-19) 34abd	7-79	16	22	29	7.2	20	1.8	112	0	19	32	0.13	0.6	8.1	240	--	Sample collected from sprinkler system
(C-19-19) 35cdd	7-79	11	31	49	22	23	2.5	238	0	28	31	0.25	0.1	--	370	--	
(C-20-19) 6bcc*	11-64	13	--	38	14	17 ¹	--	160	--	16	31	--	--	7.4	359	--	
(C-20-19) 6cbc	8-79	15	16	37	15	13	1.1	166	0	16	21	0.08	1.0	8.1	260	--	Sample collected from sprinkler system
(C-20-19) 7bbd*	11-54	--	--	36	13	14 ¹	--	164	--	16	17	--	1.8	7.4	330	--	
(C-20-19) 14b*	11-27	--	--	47	19	16 ¹	--	232	--	15	15	--	0.1	--	--	--	
(C-20-19) 15bcd	8-79	16	23	51	13	25	2.6	186	0	14	31	0.36	1.3	7.7	320	--	
(C-20-19) 21add	8-79	13	17	44	8.7	21	8.2	166	0	32	26	0.16	0.5	7.7	335	--	
(C-20-19) 30abc	7-79	14	27	46	8.8	12	0.9	160	4.8	16	22	0.15	0.2	--	290	--	
(C-21-17) 8dcb	8-79	14	30	35	33	50	6.9	191	0	116	68	2.2	0.2	7.4	430	--	BLM - Ferguson Well
(C-21-18) 17add	8-79	14	12	60	50	34	3.1	156	0	170	81	1.6	0.6	7.1	770	--	BLM - 8 mile Point Well

* HOOD AND RUSH, 1965.

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
SNAKE VALLEY, NEVADA - UTAH

MX SITING INVESTIGATION DEPARTMENT OF THE AIR FORCE - BMO	TABLE C1-12
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FUGRO NATIONAL, INC.