

SAMPLE LOCATION	OWNER OR WATER USER	DATE OF COLLECTION (mo - yr.)	FIELD DETERMINATIONS					DISSOLVED SOLIDS (see note)	CALCIUM (Ca)	MAGNESIUM (Mg)	SODIUM (Na)	POTASSIUM (K)	SULFATE (SO ₄)	CHLORIDE (Cl)	FLUORIDE (F)	NITRATE (as N)	SILICA (SiO ₂)	TRITIUM (pCi/liter)	REFERENCES	REMARKS
			TEMPERATURE °C	pH	SPECIFIC CONDUCTANCE (µmhos/cm @ 25°C)	BICARBONATE (HCO ₃)	CARBONATE (CO ₃)													
2N/55E-19cdd	—	6-80	10	6.2	260	139	0	222	32	6.7	29	3.9	24	6	0.7	0.30	52	—	Quinn Cyn Sp	
1N/56E-9daa	—	6-80	13	6.4	625	288	0	—	64	12	80	6.9	73	48	1.0	1.3	50	—	McCutcher Sp	
1S/55E-22abd	—	6-80	22	7.3	285	134	0	206	25	4.0	28	5.7	17	8.3	0.7	1.12	72	—	Smith Well	
1S/56E-12adb	—	6-80	12	6.5	480	307	0	326	70	30	9.6	1.5	44	4.8	0.3	0.67	20	—	Wild Horse Sp	
2S/55E-26dda	—	10-71	30	8	609	357	0	—	36	22	67*	—	25	5	—	—	—	1	Sand Spring	
2S/57E-28ddb	—	6-80	14	6.6	690	405	0	—	96	27	48	4.0	40	29	0.6	3.3	50	—	Seep Spring	

References:

1. Van Denburgh and Rush, 1973

* Sodium plus potassium.

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY FUGRO NATIONAL EXCEPT WHERE NOTED. ALL ANALYSIS USED IN mg/l EXCEPT WHERE NOTED. FUGRO NATIONAL ANALYSIS FOR DISSOLVED SOLIDS CALCULATED USING THE RESIDUE - ON - EVAPORATION AT 180 °C METHOD. OTHER AUTHORS MAY USE DIFFERENT METHODS. NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE AND UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.

WATER QUALITY ANALYSES
PENNEY VALLEY, NEVADA

MX SITING INVESTIGATION

DEPARTMENT OF THE AIR FORCE - BMO

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