

Bibbey FO: 134579

Natural Resources
Attention: Marilyn Colyer
Mesa Verde National Park, CO 81330

HOVE
Water

Colorado State University
Soil, Water & Plant Testing Laboratory
Natural and Environmental Sciences Bldg - A 319
Fort Collins, CO 80523
303-491-5061 - Fax 303-491-2930
Billing: 517804

DATE RECEIVED: 09/19/94

DATE REPORTED: 11/11/94

Page 1 of 3

Water Analysis Report

Lab #	Sample ID #	pH	E.C. umhos/cm	Ca	Mg	Na	K	B	CO ₃	HCO ₃	Cl	SO ₄	NO ₃
W 735	1*	8.0	1,400	67.6	26.9	200.9	<0.1	0.08	<0.1	464.9	25.4	321.3	4.9
736	2*	8.4	582	107.4	32.4	53.1	0.9	0.03	<0.1	498.3	8.7	39.5	22.3

- 1* HOVE, Square Tower Spring, west end of pool
2* HOVE, Square Tower Spring, drip, east end

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Page 2 of 3

Water Analysis Report

Lab #	Sample ID #	NO ₃ -N -----	Hardness as CaCO ₃ mg/l	Alkalinity as CaCO ₃ -----	Total Dissolved Solids -----
W 735	1*	1.11	279	381	1,112
736	2*	5.03	401	408	763

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Page 3 of 3

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Lab #	Sample ID #	P	Al	Fe	Mn	Ti	Cu	Zn	Ni	Mo	Cd	Si	Cr
W 735	1*	0.3	0.1	0.06	0.01	<0.01	<0.01	0.03	0.03	0.02	0.005	4.10	0.04
736	2*	0.2	0.1	0.02	0.01	0.01	0.01	0.02	0.03	0.02	0.006	3.06	0.04

Lab #	Sample ID #	Sr	Ba	Pb	V	Se
W 731	1*	2.36	0.02	0.05	0.03	0.040
732	2*	1.33	0.07	0.10	0.03	0.040

Have
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Page 1 of 3

Lab #	Sample ID #	pH	E.C. umhos/cm	Ca	Mg	Na	K	B	CO ₃	HCO ₃	Cl	SO ₄	NO ₃
-----mg/l-----													
W 731	1*	7.9	900	99.0	17.6	58.4	<0.1	0.08	<0.1	208.3	62.7	123.1	79.3
732	2*	8.3	389	56.7	7.5	7.0	<0.1	0.02	<0.1	189.4	7.9	26.7	4.1
733	3*	7.7	156	25.4	2.9	0.7	<0.1	0.02	<0.1	96.6	0.9	5.1	<0.1
734	4*	8.2	523	61.0	4.6	39.9	1.2	0.03	<0.1	211.9	25.6	51.6	4.0
	1*	HOVE\Hackberry House\9\14\94											
	2*	HOVE\Horseshoe House\9\14\94											
	3*	HOVE\Holly House\9\14\94											
	4*	HOVE\Cahone Unit\9\14\94											

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Page 2 of 3

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Lab #	Sample ID #	NO ₃ -N -----	Hardness as CaCO ₃ mg/l	Alkalinity as CaCO ₃ -----	Total Dissolved Solids -----
W 731	1*	17.90	319	171	648
732	2*	0.93	172	155	299
733	3*	<0.01	75	79	132
734	4*	0.90	171	174	400

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Page 3 of 3

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Lab #	Sample ID #	----- mg/l -----											
		P	Al	Fe	Mn	Ti	Cu	Zn	Ni	Mo	Cd	Si	Cr
W 731	1*	0.1	0.1	0.06	0.01	<0.01	0.01	0.01	0.01	0.01	<0.005	5.45	0.04
	732	2*	<0.1	0.1	0.06	0.01	<0.01	0.01	0.01	0.01	<0.005	5.29	0.02
	733	3*	0.1	6.8	1.82	0.01	0.38	0.01	0.01	0.01	<0.005	12.90	0.02
	734	4*	<0.1	0.1	0.09	0.01	<0.01	0.01	0.01	0.01	<0.005	6.50	0.02

Lab #	Sample ID #	-----		mg/l Pb	-----		
		Sr	Ba		V	Se	
W 731	1*	0.60	0.11	<0.05	0.01	0.008	
	732	2*	0.33	0.12	<0.05	0.01	0.003
	733	3*	0.15	0.10	0.05	0.02	0.002
	734	4*	0.39	0.08	<0.05	0.01	0.005