

Saltzman, 2000
Arrow Canyon SE NevadaTABLE 1
data repository

GSA Bulletin

% Sample % Sample

Meters	$\delta^{13}\text{C}$	$\delta^{18}\text{O}$	Component sampled	Minor component (<10%)	Cement	Dolomitized
0.00	0.57	-8.44	micrite	crinoid fragment	5	5
4.00	1.62	-10.86	micrite	brachiopod fragment	10	0
7.00	1.89	-9.19	micrite	inidentified skeletal fragmen	10	5
11.00	2.86	-6.30	micrite		0	0
13.50	3.60	-5.23	micrite		0	0
15.00	4.33	-5.87	micrite		5	0
15.75	4.43	-6.64	micrite		10	0
16.50	4.35	-6.66	micrite		10	0
17.25	4.44	-5.79	micrite	inidentified skeletal fragmen	5	0
19.50	4.30	-4.92	micrite		5	3
20.25	5.39	-4.81	micrite		10	0
21.00	5.34	-4.38	micrite		0	0
21.75	4.47	-6.42	matrix of skeletal debris		15	0
22.50	5.10	-4.69	micrite	brachiopod fragment	10	0
23.25	5.72	-4.95	matrix of skeletal debris		15	0
24.00	5.48	-4.13	micrite	brachiopod fragment	10	0
25.50	6.10	-5.56	micrite	inidentified skeletal fragmen	10	0
26.25	6.16	-5.25	micrite	inidentified skeletal fragmen	10	0
27.00	5.59	-5.91	micrite	inidentified skeletal fragmen	10	0
27.75	6.54	-5.67	micrite	inidentified skeletal fragmen	10	0
28.50	6.83	-4.92	matrix of skeletal debris		20	5
29.25	6.62	-4.58	matrix of skeletal debris		15	5
30.00	6.21	-5.17	micrite		0	0
30.75	6.97	-3.76	micrite		5	3
31.50	5.59	-4.25	micrite	brachiopod fragment	10	5
32.25	5.83	-4.24	micrite	inidentified skeletal fragmen	5	0
33.00	6.43	-3.36	micrite	inidentified skeletal fragmen	10	5
33.75	5.15	-4.15	micrite	inidentified skeletal fragmen	10	5
34.50	5.38	-4.31	micrite	brachiopod fragment	10	0
35.25	6.04	-4.32	micrite	inidentified skeletal fragmen	10	0
36.75	6.20	-3.09	micrite		0	0
37.50	6.07	-3.77	micrite	inidentified skeletal fragmen	10	0
38.25	6.28	-3.38	matrix of skeletal debris		20	3
39.00	5.97	-3.95	micrite	brachiopod fragment	5	3
39.75	5.84	-3.91	micrite	inidentified skeletal fragmen	5	5
40.50	5.85	-4.24	micrite		10	0
41.25	5.94	-3.78	micrite	brachiopod fragment	10	0
42.00	5.91	-3.52	micrite		10	0
42.75	6.00	-3.70	micrite		0	0
44.25	5.92	-3.93	micrite		0	3
45.00	5.40	-3.97	micrite	inidentified skeletal fragmen	5	5
45.75	5.00	-3.97	micrite	brachiopod fragment	5	3
46.50	5.90	-3.89	micrite	brachiopod fragment	15	0
47.25	5.29	-3.02	micrite	inidentified skeletal fragmen	10	0
48.00	5.25	-3.90	micrite	inidentified skeletal fragmen	10	0
48.75	4.70	-4.36	micrite	crinoid fragment	10	0
49.50	4.87	-4.00	micrite	inidentified skeletal fragmen	10	0
50.25	5.00	-3.24	micrite	inidentified skeletal fragmen	5	0
51.75	4.65	-4.23	micrite		5	0
52.50	4.19	-3.67	micrite	inidentified skeletal fragmen	10	0
53.25	4.24	-4.54	micrite		10	0
54.00	4.53	-4.07	micrite	inidentified skeletal fragmen	15	0
54.75	3.98	-4.40	micrite	crinoid fragment	10	0
55.50	4.03	-4.46	micrite	crinoid fragment	20	0
56.25	4.18	-5.21	matrix of skeletal debris		20	5
57.00	3.94	-4.25	micrite		10	0

57.75	3.88	-3.21	micrite		10	0
58.50	3.44	-4.26	micrite		0	5
59.25	3.45	-3.86	micrite		10	0
60.00	2.98	-4.95	micrite	brachiopod fragment	5	0
60.75	2.71	-4.85	micrite	brachiopod fragment	5	0
61.50	2.33	-4.04	micrite	inidentified skeletal fragmen	10	0
62.25	1.44	-5.49	micrite	inidentified skeletal fragmen	10	0
63.75	2.20	-4.24	micrite	inidentified skeletal fragmen	15	0
64.50	1.85	-4.84	micrite	inidentified skeletal fragmen	10	0
65.25	1.85	-4.30	matrix of skeletal debris		25	3
66.00	1.88	-4.13	matrix of skeletal debris		20	0
66.75	1.60	-4.71	matrix of skeletal debris		20	3
67.50	1.39	-4.56	micrite	crinoid fragment	5	0
68.25	1.85	-4.55	micrite	inidentified skeletal fragmen	5	0
69.75	2.20	-3.56	micrite	inidentified skeletal fragmen	15	0
71.25	2.22	-4.67	micrite	crinoid fragment	5	0
72.00	2.67	-4.30	micrite	inidentified skeletal fragmen	5	5
72.75	3.01	-4.64	micrite	brachiopod fragment	5	0
73.50	3.16	-1.64	micrite	brachiopod fragment	10	5
74.25	2.92	-2.63	micrite	inidentified skeletal fragmen	10	3
75.00	2.88	-2.56	micrite	inidentified skeletal fragmen	10	0
75.75	3.17	-1.27	micrite	inidentified skeletal fragmen	5	5

*Datum: 0 meters in section is 7 meters above the base of the Dawn Limestone

**Note: % Sample cement and dolomite are visual estimates

TABLE 2
data repository

Meters	$\delta^{13}\text{C}$	$\delta^{18}\text{O}$	Component sampled	Minor component (<10%)	% Sample Cement	% Sample Dolomitized
-7.00	-0.61	-5.59	micrite		0	3
-5.55	-0.85	-5.72	micrite	brachiopod fragment	15	0
1.55	0.15	-5.51	micrite	crinoid fragment	10	0
2.96	2.16	-4.11	matrix of skeletal debris		30	5
9.62	2.67	-4.81	matrix of skeletal debris		25	5
12.58	2.20	-4.70	matrix of skeletal debris		25	5
18.50	2.40	-5.41	micrite	unidentified skeletal fragmen	10	0
20.72	2.67	-6.41	matrix of skeletal debris		20	0
28.12	1.60	-6.72	matrix of skeletal debris		15	0
32.56	2.99	-7.45	pellets	unidentified skeletal fragmen	5	0
39.78	3.29	-4.60	pellets	unidentified skeletal fragmen	10	0
43.48	3.21	-4.92	micrite	peloid	10	5
47.92	3.67	-3.73	micrite	unidentified skeletal fragmen	10	0
48.66	3.79	-5.00	micrite	unidentified skeletal fragmen	10	5
51.62	4.03	-4.11	pellets		15	0
52.36	3.86	-4.62	micrite		0	0
55.32	4.18	-3.66	micrite		0	0
59.76	4.07	-3.97	pellets		10	3
61.24	4.43	-3.49	pellets		10	3
63.46	4.58	-4.34	micrite		0	0
67.90	5.37	-3.19	pellets		15	0
70.12	5.36	-3.54	micrite		0	5
75.30	5.50	-3.77	micrite		0	5
77.52	6.25	-3.87	micrite		0	5
79.74	6.47	-3.13	micrite		10	0
81.96	6.88	-2.66	micrite		5	0
83.65	7.10	-3.01	micrite		5	0
85.66	7.02	-3.14	micrite		5	0
86.40	6.86	-3.09	micrite		10	0
88.62	6.96	-3.27	micrite		10	0
90.84	6.29	-4.20	micrite		0	0
92.32	7.04	-3.02	micrite	unidentified skeletal fragmen	10	0
93.06	5.87	-4.55	micrite	unidentified skeletal fragmen	10	0
96.76	6.61	-3.37	micrite	unidentified skeletal fragmen	10	3
97.50	6.63	-3.39	micrite	unidentified skeletal fragmen	10	5
100.46	6.24	-3.33	matrix of skeletal debris		20	3
101.94	6.55	-2.74	micrite	unidentified skeletal fragmen	10	0
103.42	5.95	-2.49	micrite	unidentified skeletal fragmen	10	3
106.38	5.75	-3.07	micrite	unidentified skeletal fragmen	10	5
110.82	5.47	-3.41	micrite		0	0
111.56	5.27	-3.26	micrite		0	0
114.52	4.98	-3.10	micrite		5	0
115.26	4.90	-4.56	micrite	brachiopod fragment	10	5
117.48	3.80	-3.53	micrite		10	5
119.70	4.51	-4.92	micrite		0	0
121.10	4.54	-3.89	micrite		10	0
124.14	4.82	-3.56	micrite		0	0
125.62	4.50	-4.50	micrite		0	0
126.36	4.57	-3.90	micrite		0	0
127.80	3.85	-4.06	micrite		0	0
128.58	3.65	-4.27	micrite		5	0
133.80	4.84	-3.40	micrite		10	0
135.24	4.81	-3.70	micrite		10	0

139.00	5.23	-3.50	micrite	brachiopod fragment	10	0
141.20	5.60	-3.24	micrite	inidentified skeletal fragmen	10	0
144.86	5.73	-3.52	micrite	inidentified skeletal fragmen	10	0
146.34	5.56	-3.96	micrite	inidentified skeletal fragmen	5	0
148.70	5.76	-3.29	micrite	brachiopod fragment	5	0
152.26	5.63	-3.51	micrite	brachiopod fragment	10	3
155.00	6.04	-4.08	micrite	inidentified skeletal fragmen	10	3
158.00	6.36	-3.90	micrite	inidentified skeletal fragmen	10	5
160.00	6.02	-3.24	micrite		10	5
161.20	5.94	-3.64	micrite		5	0
165.00	6.62	-3.44	micrite	inidentified skeletal fragmen	5	0
172.40	5.77	-3.60	matrix of skeletal debris		10	0
174.00	5.83	-2.76	matrix of skeletal debris		10	0
197.00	4.83	-2.87	micrite	inidentified skeletal fragmen	5	0
200.00	4.74	-3.70	micrite	inidentified skeletal fragmen	10	0
221.00	4.86	-2.97	micrite	inidentified skeletal fragmen	10	0
225.00	4.67	-3.30	matrix of skeletal debris		25	5

*Datum: 0 meters in section is the base of the Joana Limestone

**Note: % Sample cement and dolomite are visual estimates

Saltzman, 2000
Samarina Mountain SE Idaho

TABLE 3
data repository

GSA Bulletin

Meters	$\delta^{13}\text{C}$	$\delta^{18}\text{O}$	Component sampled	Minor component (<10%)	% Sample Cement	% Sample Dolomitized
1.00	1.18	-7.58	micrite		5	0
2.00	1.52	-7.77	micrite		10	0
4.00	2.59	-5.48	micrite		5	0
5.00	3.39	-4.14	micrite		3	0
6.00	2.61	-5.32	micrite		3	0
7.00	3.25	-4.33	micrite		5	0
8.00	2.94	-4.94	micrite		5	3
11.00	2.38	-5.78	micrite		10	0
12.90	2.80	-4.91	peloid	micrite	5	0
14.00	0.97	-4.10	micrite		5	0
16.00	1.93	-5.84	micrite	unidentified skeletal fragmen	10	5
17.00	1.94	-6.71	micrite	peloid	10	0
18.00	3.40	-4.79	micrite	peloid	10	0
19.25	4.74	-6.09	micrite	peloid	15	0
20.00	5.39	-3.76	micrite	peloid	5	5
21.00	6.22	-5.15	micrite	unidentified skeletal fragmen	10	0
22.00	5.14	-4.12	peloid	unidentified skeletal fragmen	10	0
23.00	5.36	-4.37	micrite	unidentified skeletal fragmen	10	0
24.00	6.74	-3.91	micrite	brachiopod fragment	10	0
25.20	5.68	-3.75	micrite	brachiopod fragment	5	0
26.50	5.51	-4.40	micrite	brachiopod fragment	15	0
28.00	5.80	-4.36	micrite		10	5
29.00	6.04	-3.24	micrite		10	5
30.00	5.17	-4.07	micrite	unidentified skeletal fragmen	10	5
32.10	6.76	-3.61	micrite	unidentified skeletal fragmen	10	0
32.70	5.70	-4.66	micrite	unidentified skeletal fragmen	10	0
34.90	5.71	-4.16	micrite	unidentified skeletal fragmen	10	0
37.40	5.94	-4.39	micrite	crinoid fragment	10	0
38.50	5.43	-4.27	micrite	unidentified skeletal fragmen	15	0
39.50	4.78	-4.38	micrite	crinoid fragment	10	5
42.50	4.36	-3.56	micrite	unidentified skeletal fragmen	10	0
44.00	5.19	-3.06	micrite	unidentified skeletal fragmen	5	0
46.00	4.89	-3.22	micrite	unidentified skeletal fragmen	10	0
47.30	3.96	-4.37	matrix of skeletal debris	peloid	20	3
51.00	4.10	-3.41	micrite		3	3
54.00	4.33	-3.84	micrite	unidentified skeletal fragmen	10	0
55.00	4.24	-3.42	matrix of skeletal debris		20	0
56.00	4.06	-3.68	matrix of skeletal debris		25	0
59.50	4.74	-3.74	micrite	unidentified skeletal fragmen	10	0
60.65	4.80	-3.93	micrite	unidentified skeletal fragmen	10	0
61.75	5.35	-3.71	micrite	unidentified skeletal fragmen	10	0
63.75	4.80	-5.97	micrite	unidentified skeletal fragmen	10	0
67.00	4.77	-4.37	micrite		10	5
68.10	5.35	-4.19	micrite	unidentified skeletal fragmen	10	0
71.00	3.85	-3.91	matrix of skeletal debris		15	0
73.10	3.98	-3.69	matrix of skeletal debris		20	0
74.20	3.41	-3.76	micrite	unidentified skeletal fragmen	10	0
75.00	3.79	-3.75	micrite	unidentified skeletal fragmen	10	0
78.30	1.95	-3.01	micrite	unidentified skeletal fragmen	10	0
79.10	1.87	-4.41	micrite		10	0
81.20	2.55	-5.41	matrix of skeletal debris		15	0
83.20	1.84	-4.07	matrix of skeletal debris	peloid	20	0
88.00	0.72	-3.66	micrite	unidentified skeletal fragmen	10	0
89.50	-0.08	-5.13	micrite	unidentified skeletal fragmen	10	0
90.50	-1.61	-5.65	matrix of skeletal debris	peloid	15	0
91.50	-1.38	-5.45	matrix of skeletal debris		15	0
93.80	-1.37	-6.11	matrix of skeletal debris		25	0

*Datum: 0 meters in section is the base of the Henderson Canyon Formation

**Note: % Sample cement and dolomite are visual estimates