

KR Section	Strat. Position	Carbonate Carbon	Oxygen	Organic Carbon	Delta Del
Crystal Spring	meters	‰ 13C	‰ 18O	‰ 13C	
CS-52	50	-1.3	-23.4		
CS-53	62	1.5	-21.4	-25.0	26.5
CS-54	75	0.3	-20.2		
CS-55	87	0.4	-6.7	-24.4	24.8
CS-56	100	-5.1	-4.3		
CS-57	112	-4.5	-8.8	-23.6	19.0
CS-58	125	-1.8	-9.1	-16.6	14.9
CS-59	140	0.7	-7.8	-24.7	25.4
CS-60	155	1.4	-5.9		
CS-61	162	3.1	-2.6		
CS-62	175	3.8	-2.8	-20.0	23.9
CS-63	195			-12.7	
CS-64	205	1.7	-2.5	-11.7	13.3
CS-65	220	1.3	-2.6	-21.3	22.6
CS-66	230	-2.8	-4.3	-22.7	19.9
CS-67	250	3.3	-3.7	-11.5	14.8
Beck Spring					
BS 69	295	0.9	-8.3		
BS 70	310	4.9	-1.3	-16.3	21.2
BS 71	325	5.8	0.4		
BS 72	335	4.1	-2.4		
BS 73	350	4.6	-1.6	-16.5	21.0
BS 74	370	4.8	-0.8		
BS 75	380	4.8	-0.8		
BS 76	398	3.7	-5.1	-20.1	23.9
BS 77	412	3.8	-1.8	-18.8	22.6
BS 78	425	3.3	-1.8	-20.1	23.3
BS 81	475	3.7	-6.0	-19.7	23.3
BS 82	480	3.0	-4.6	-17.7	20.6
BS 83	500	4.1	-6.2	-15.5	19.6
BS 84	520	5.0	-1.0		
BS 85	530			-17.4	
BS 86	550	4.3	-0.7	-18.2	22.5
BS 87	560	4.1	-5.1		
BS 88	575	1.2	-5.4	-24.5	25.6
BS 89	590	0.2	-6.5	-24.3	24.5
BS 90	605	1.8	-12.0	-20.1	21.9
BS 91	620	1.6	-8.7	-23.1	24.7
BS 92	630	1.1	-8.1	-23.5	24.5
BS 93	645	-1.1	-10.7	-21.2	20.1
BS 94	660	-4.4	-3.5	-25.9	21.5
C99-123	670	-0.5	-8.4		
C99-124	680	2.0	-15.0		
C99-125	681	3.1	-12.7		
C99-126	682	2.9	-14.6		
C99-127	683	2.3	-9.5		
C99-128	690	2.2	-10.8		
C99-129	691	2.9	-18.0		
Oncolite Bed Loc 1					
KP1-7	0	-4.0	-2.1		
KP1-6	0.5	-2.5	-8.0		
KP1-5.5	1	-2.1	-5.8		

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KP1-5	1.5	-2.0	-6.1		
KP1-4	2	-0.3	-5.7		
KP1-3	2.5	-2.8	-5.2		
KP1-2	3	-2.5	-11.2		
KP1-1	3.5	-2.5	-8.8		
KPONC	4	1.1	-2.2	-21.7	22.7
Oncolite Bed Loc 2					
KP2-1	0	-1.9	-8.1		
KP2-2	0.5	-1.4	-8.3		
KP2-3	1	-0.5	-4.5		
KP2-4	1.5	1.0	-3.8		
SSp Section					
Crystal Spring					
CS-96	70	1.2	-5.2	-23.0	24.2
CS-97	95	-4.7	-5.4		
CS-98	125	-0.5	-6.0	-8.2	7.7
CS-99	162	-0.7	-5.9	-21.0	20.2
CS-100	192	-3.0	-4.6		
CS-101	225	-0.7	-8.5	-19.2	18.5
CS-102	265	-1.1	-8.3		
Beck Spring					
BS 103	280	-0.6	-5.4		
BS 105	295	-0.4	-6.6	-14.5	14.1
BS 106	310	-2.0	-9.5	-13.2	11.2
BS 107	324	-0.3	-3.4		
BS 108a	330	3.1	-11.9	-18.9	22.0
BS 110	345	1.8	-5.9	-18.2	20.0
BS 111	360	1.5	-4.9	-14.6	16.1
BS 112	372	2.4	-3.8		
BS 113	380	2.7	-3.3	-16.6	19.3
BS 114					
BS 115	410	1.9	-3.5	-16.3	18.3
BS 116	422	2.2	-2.5	-16.8	19.1
BS 117	440	2.2	-4.3		
BS 119	450	2.0	-2.8	-14.4	16.4
BS 120	460	1.0	-3.5	-13.9	14.9
BS 121	475	2.3	-12.3	-17.7	20.0
BS 121a	487	2.4	-12.2	-20.6	23.0
BS 122a	500	<u>2.1</u>	-11.1	-20.4	22.5
BS 122b	512	1.8	-11.9	-18.3	20.1
BS 124	525	-0.6	-2.4		
BS 126	535	-0.1	-8.5	-17.4	17.3
BS 127	550	<u>0.6</u>	-8.8	-18.6	19.2
BS 128	565	0.1	-4.4	-16.4	16.6
BS 129	575	0.7	-3.4	-20.5	21.2
BS 130	590	0.9	-3.0		
BS 131	600	1.9	-3.8	-12.2	14.1
BS 132	625	<u>1.0</u>	-12.3	-19.9	20.9
BS 133	637	<u>-0.1</u>	-13.4	0.7	-0.8
BS 134	650	-3.6	-11.0	-21.3	17.8
next ridge over, not plotted					
BS 144		2.3	-12.0		
BS 155 (1)		<u>3.3</u>	-10.4	-20.9	24.3

BS 155 (2)		3.2	-10.5		
BS 156		3.2	-4.2	-16.9	20.0
BS 158		4.7	-11.3	-25.0	29.7
BS 160 (1)		<u>2.9</u>	-10.3	-21.6	24.5
BS 160 (2)		<u>3.1</u>	-10.2		
BS 161		1.3	-10.8	-20.3	21.6
BS 162-1		<u>1.0</u>	-11.4	-19.4	20.4
BS 162-2		5.0	-11.2		
Virgin Spring Wash Limestone					
VS 148	0	<u>2.1</u>	-15.7		
VS 149 (1)	1	<u>4.0</u>	-15.3		
VS 149 (2)	1	<u>4.2</u>	-15.4		
VS 150	2	<u>2.6</u>	-12.5		
NR1 Section					
Noonday					
NDD-1	15	-2.7	-7.3	-23.92	21.3
NDD-2	30	-3.0	-5.8		
NDD-3	50	-3.2	-10.9	-25.58	22.4
NDD-3	70	-3.3	-11.3		
NDD-4	80	-2.5	-5.8	-17.93	15.4
NDD-5	100	-2.9	-6.6		
NDD-6	115	-2.2	-4.3		
NDD-7	130	-2.8	-5.9	-21.34	18.6
NDD-8	155			-22.16	22.2
NDD-9	170	-4.2	-5.6		
NDD-10	190	-2.4	-5.0	-17.62	15.2
NDD-11	210	-2.0	-4.0		
NDD-12	225	-3.2	-5.3	-20.22	17.0
NDD-13	245	-0.9	-4.0	-21.2	20.3
NDD-14	260	-1.6	-4.6	-21.46	19.8
Johnnie					
JF-15	320	-1.3	-4.5		
JF-16	322	-3.5	-6.7		
JF-17	327	-2.9	-5.8	-17.59	14.7
JF-19	340	-2.6	-6.9	-22.08	19.5
JF-21	355	-3.1	-7.3		
JF-22	360	-1.3	-5.6		
JF-23	370	-2.1	-5.7		
JF-25	375	-0.1	-7.1		
JF-26	440	-3.2	-11.1		
JF-27	645	-0.9	-5.3		
JF-28	680	-1.8	-7.5	-21.01	19.3
JF-29	685	0.9	-6.9	-21.34	22.2
JF-30	690	-1.1	-5.5		
JF-31	700	0.3	-1.9	-22.1	22.4
JF-32	705	2.6	-7.5	-13.6	16.2
JF-33	710	3.3	-5.4		
JF34	720			-19.96	
JF-36	730	1.2	-5.1	-3.81	5.0
JF37	735			-23.66	
above incision					
RS 142	800	<u>2.6</u>	-15.5	-24.16	26.8

RS 143	801	<u>2.9</u>	-16.8	-21.01	23.9
RS 145	802	<u>2.6</u>	-13.5	-20.01	22.6
RS 147	803	<u>2.9</u>	-15.0		
Stirling above base of middle member					
ST 43 (jay)	0	-4.9	-3.4		
e-31	24.00	-5.5	-26.2		
e-32	30.00	-5.0	-8.8		
ST 44 (jay)	35.00	-5.9	-3.5		
e-29	36.00	-6.9	-18.1		
e-21	50.75	-4.1	-10.6		
e-23	99.00	-4.8	-6.2		
e-27	115.00	-2.2	-33.5		
NR2 Section					
JF38 (Johnnie Oolite)	0	-3.7	-7.0	-17.9	14.2
RS-39	20	-9.3	-12.6	-19.34	10.0
RS-40	30	-10.4	-14.2		
WP Section					
Noonday					
C91-22	0	-2.8	-7.1		
C91-23m	20	-3.0	-7.2		
C91-24	50	-2.9	-6.9		
C91-26	70	-2.9	-7.2		
C91-27	90	-3.2	-8.4		
C91-28	110	-3.1	-7.5		
C91-29	140	-3.1	-7.4		
C91-30	205	-1.3	-6.0		
Johnnie					
C91-31	255	-1.8	-6.9		
C91-33	395	0.6	-5.9		
C91-34	410	1.8	-14.4		
C91-35	435	3.2	-6.3		
C91-36 (johnnie oolite)	485	-4.3	-7.3		
C99-136 (johnnie oolite)	486	-4.8	-7.4		
C99-138 (johnnie oolite)	487	-7.1	-7.1		
C99-139	492	-9.1	-7.0		
C91-37	493	-11.5	-7.1		
C99-144	494	-10.8	-8.2		
C99-145	495	-10.4	-9.7		
C99-146	496	-10.7	-9.3		
C99-147	497	-10.4	-8.2		
C99-148	498	-10.2	-8.3		
C99-149	499	-10.1	-8.2		
C99-150	500	-10.0	-8.3		
C99-151	501	-9.9	-10.9		
C99-152	502	-9.9	-8.8		
C99-153	503	-10.0	-8.4		
C91-38	504	-9.2	-8.4		
TM Section					
Sourdough		Carbonate Carbon	Oxygen	Organic Carbon	Delta Del
SD 1	20			-4.36	
SD 2	30	2.1	-8.8	-5.41	7.5

SD 4	65	3.2	-9.5	-5.33	8.6
SD 5	85	3.0	-11.4	-4.67	7.7
SD 6	105	-1.8	-11.9	-10.3	8.6
SD 7	120			-6.71	6.7
SD 8	145	2.4	-8.3	-7.49	9.8
SD 9	180	-1.8	-10.6	-12.26	10.5
SD 11	230	2.7	-14.0		
SD 12	252	0.5	-12.4		
SD 13	980	-4.9	-12.9	-14.96	10.1
"unnamed limestone"					
NDD/T-15	1145	4.7	-12.0	-7.4	12.1
NDD/T-16	1160			-9.72	9.7
NDD/T-17	1175	5.6	-16.0	-10.58	16.2
NDD/T-18	1200	5.3	-12.0		
Salt Spring Hills Section (Fedo)					
Stirling		Carbonate Carbon	Oxygen	Organic Carbon	Delta Del
SS Hills	meters above base of middle member				
c-18-2	17.5	-3.1	-19.3		
c-20	25.5	-3.5	-9.8		
c-26	44.5	-5.2	-33.8		
c-27	50.0	-3.5	-25.3		
AH1 Section					
Crystal Spring					
AH1		4.3	0.3		
AH2		0.4	-5.6		
AH3		-0.4	-4.3		
Beck Spring					
AH4	0	1.3	-10.4		
AH5	3	-0.1	-10.7		
AH6	6	0.5	-6.9		
AH7	9	1.1	-8.9		
AH8	12	1.5	-9.0		
AH9	15	0.9	-9.2		
AH10	18	0.4	-8.8		
AH11	21	1.0	-4.3		
AH12	24	0.9	-6.0		
AH13	27	1.8	-6.6		
AH14	30	0.1	-5.3		
AH15	33	-0.1	-6.9		
AH16	36	0.1	-8.3		
AH17	39	0.9	-7.7		
AH18	42	2.9	-6.4		
AH19	45	3.4	-4.2		
AH20	48	4.3	-16.9		
AH21	51	4.8	-0.1		
AH22	54	3.9	-2.5		
AH23	57	5.4	-0.8		
AH24	60	5.4	-3.3		
AH25	63	4.2	-3.1		
AH26	66	4.9	-7.1		
AH27	69	4.7	-7.4		
AH29	75	4.5	-5.5		

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AH30	78	4.0	-5.3		
AH31	81	5.4	-2.1		
AH32	84	4.8	-2.4		
AH33	87	5.0	-2.2		
AH34	90	4.7	-0.4		
AH35	93	5.3	-2.9		
AH36	96	2.6	-3.5		
AH37	99	4.1	-3.4		
AH38	102	4.8	-4.2		
AH39	105	4.4	-4.5		
AH40	108	4.6	-1.2		
AH41	111	4.8	-5.1		
AH42	114	4.7	-2.3		
AH43	117	5.2	-10.6		
AH44	120	4.0	-5.0		
AH45	123	4.0	-2.2		
AH46	126	3.5	-11.7		
AH47	129	4.7	-2.2		
AH48	132	4.3	-1.0		
AH49	135	4.8	-3.3		
AH50	138	3.8	-1.7		
AH51	141	4.6	-1.8		
AH52	144	3.0	-5.7		
AH53	147	3.7	-8.5		
AH54	150	4.7	-2.1		
AH55	153	4.2	-8.8		
AH56	156	4.8	-2.9		
AH57	159	3.4	-9.0		
AH58	162	3.9	-2.5		
AH59	165	4.6	0.8		
AH60	168	4.9	-5.2		
AH61	171	4.4	-7.6		
AH63	177	5.2	1.3		
AH64	180	5.2	-4.5		
AH65	183	4.4	-5.6		
AH66	186	4.9	-4.4		
AH67	189	4.6	-10.1		
AH68	192	4.4	-5.9		
AH69	195	4.7	-5.7		
AH71	201	3.8	-3.5		
AH72(1)	204	4.1	-2.7		
AH72(2)	207	4.3	-2.5		
AH73	210	4.3	-4.2		
AH74	213	5.0	-1.3		
AH75	216	4.5	-4.0		
AH78	225	3.4	0.1		
AH79	228	3.4	-6.8		
AH80	231	3.5	0.9		
AH81	234	3.5	-5.3		
AH82	237	3.4	-1.9		
AH83	240	3.0	-6.3		
AH84	243	2.7	-2.6		
AH85	246	2.7	-7.0		
AH86	249	2.1	-10.1		

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AH87	252	2.1	-5.1		
AH88	255	3.2	-5.9		
AH89	258	3.2	-0.8		
AH90	261	3.0	-2.6		
AH91	264	2.6	-0.7		
AH92	267	2.4	-8.2		
AH93	270	1.9	-0.7		
AH94	273	2.7	-2.8		
AH95	276	3.3	-4.9		
AH96	279	2.8	-5.9		
AH97	282	3.3	0.0		
AH98	285	3.1	-3.6		
AH99	288	3.0	-2.1		
AH100	291	3.2	-4.0		
AH101	294	2.9	-4.1		
AH102	297	3.1	-3.8		
AH103	300	3.2	-7.5		
AH104	303	3.8	-1.0		
AH105	306	2.9	-1.8		
AH106	309	3.2	-5.1		
AH107	312	3.0	-4.3		
AH108	315	3.5	0.3		
AH109	318	3.0	-3.3		
AH110	321	3.0	-9.1		
AH111	324	3.0	-14.9		
AH112	327	2.5	-3.6		
AH113	330	2.7	-5.0		
AH114	333	5.6	-13.5		
AH116	339	4.2	-5.3		
AH117	342	4.7	-0.9		
AH118	345	4.6	-6.9		
AH119	348	3.7	-7.4		
AH120	351	4.3	-2.4		
AH121	354	4.2	-11.2		
AH122	357	3.5	-3.4		
AH123	360	0.4	-6.1		
AH124	363	1.6	-6.5		
AH125	366	0.4	-6.7		
AH126	369	0.4	-2.2		
AH127	378	0.7	-11.9		
AH128	379.5	1.3	-10.1		
AH129	381	1.4	-6.3		
AH130	382.5	0.8	-6.5		
AH131	384	0.4	-3.5		
AH132	391.5	-0.4	-9.4		
AH133	393	1.9	-8.7		
AH134	394.5	1.1	-5.9		
AH135	396	0.7	-7.6		
AH136	397.5	0.8	-5.9		
AH2 Section					
Beck Spring					
W13	0	1.1	-8.1		
W14	1.5	2.5	-6.7		
W15	3	-1.4	-9.7		

W16	4.5	-0.4	-7.8		
W17	6	-1.2	-7.5		
W18	7.5	0.2	-6.8		
W19	9	1.0	-8.6		
W20	10.5	-0.4	-8.7		
W22	12	3.1	-6.3		
W23	13.5	2.8	-11.6		
W24	15	4.7	-11.6		
W25	16.5	1.6	-12.6		
W26	18	2.5	-13.0		
W27	19.5	0.0	-10.3		
W28	21	1.1	-11.9		
AH3 Section, 20 m south of AH2					
Crystal Spring					
C99-107	-1.5	3.49	-1.18		
C99-108 (top of CS)	-1	3.98	-4.47		
Beck Spring					
C99-109 (basal)	0	0.74	-4.23		
C99-110	1.5	0.67	-7.37		
C99-111	3	2.32	-8.17		
C99-112	4.5	-0.81	-6.7		
C99-113	6	-1.43	-5.14		
C99-114	7.5	-0.52	-5.02		
C99-115	9	0.42	-6.16		
C99-116	10.5	0.08	-6.66		
C99-117	12	2.56	-3.3		
C99-118	13.5	1.51	-6.17		
C99-119	15	2.71	-13.58		
C99-120	16.5	3.15	-12.37		
C99-121	18	2.44	-13.84		
Sourdough Limestone					
GW Section from base of Sourdough Limestone					
C99-91	0	-2.37	-16.66		
C99-92	1	-2.02	-15.62		
C99-93	2	-1.59	-15.46		
C99-94	3	-1.5	-14.74		
C99-95	4	-1.97	-15.79		
C99-97B	5	-1.64	-15.4		
Pleasant Canyon from base of Sourdough Limestone					
C99-98	0	-3.08	-16.1		
C99-99	2	-2.93	-16.87		
Bare Mountain Section					
Stirling D member from base of D-member					
C95-2	0	0.1	-9.3		
C95-3	2	-0.7	-10.7		
C95-4	4	0.0	-9.7		
C95-6	6	0.2	-9.9		
C95-8	8	1.6	-9.4		
Chicago Pass Section (see Corsetti and Hagadorn, 2000)					
C92-35		-2.5	-7.2		

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C91-86		-3.2	-5.7		
C92-36		-3.9	-6.8		
C92-37		-2.7	-8.1		
C92-38		-3.0	-6.9		
C92-39		-2.9	-5.4		
C92-40br		-3.4	-6.4		
C92-41		1.8	-5.5		
C92-42		-0.1	-7.1		
Boundary Canyon Section (see Corsetti and Hagadorn, 2000)					
C92-15		0.8	-10.9		
C92-16		-0.9	-17.9		
C92-17		1.0	-8.6		
C92-18		0.4	-5.9		
C92-19		0.8	-7.3		
C92-20		1.1	-6.7		
C92-21		1.6	-6.3		
C92-22		0.7	-5.7		
C92-23		0.6	-8.7		
C92-24		0.5	-9.2		
C92-25		0.8	-7.4		
C92-27		-1.8	-7.6		
C92-28		-3.4	-7.7		
C92-29		-3.2	-8.7		
C92-30		-4.4	-10.1		
C92-32		-1.7	-7.1		
C92-33		-2.0	-7.8		
C92-34		2.4	-8.3		