

APPENDIX B. Database of Chemical and Isotopic Analyses for Indian Wells Valley

Name	Ref	x	y	T_R_S	Date	Zone	T_C	TD	Elev	TOC	Screen top (depth)	Screen bottom (depth)	Screen top (EI)
23/38-17-E01 (L.Lake Outlet)	AB303			23S38E17E1									
23S38E32 about center of S1/2				23S38E32		UNK							
Sawmill Well	AB303			24S38E15M1	2/4/2007								
BR10-MD	T	16136	102197	24S38E21J	10/30/1995		25.4		1001				
BR10-S	T	16136	102197	24S38E21J	4/14/1995		23.1		1919				
BR10-MD	T	16136	102197	24S38E21J	4/14/1995		23.4		1001				
BR10-S	T	16136	102197	24S38E21J	11/30/1995		23		1919				
BR10-D	T	16136	102197	24S38E21J	4/14/1995		23.4		630				
BR10-D	T	16136	102197	24S38E21J	12/1/1995		24		630				
BR10-MS	T	16136	102197	24S38E21J	11/30/1995		26.1		1381				
BR10-MS	T	16136	102197	24S38E21J	4/14/1995		23		1381				
25/38-02L01	H	17952	86240	25S38E02L01			23						
25/38-03G01	AB303	14197	87765	25S38E03G1	2/21/2007								
25/38-13J01	AB303	26048	75680	25S38E13J1	1/12/2007								
BR-5 P3		14667	60661	25S38E34J1	1/6/1992						1970	1990	-1970
BR-5 P2		14667	60661	25S38E34J1	1/6/1992						1580	1600	-1580
		57493	75915	25S39E13J1									
Childers Well	AB303	52213	77205	25S39E14H1	2/3/2007								
25/39-31R1	UA	31093	58315	25S39E31R1	11/17/1998		21.8	300	2267		120	180.0	
25/39-31R01	H	31093	58315	25S39E31R1			22						
25S/39E31R01	AB303	31093	58315	25S39E31R1	1/11/2007								
		41580	85140	25S39E4R1									
25/41-18Q01	H			25S41E18Q1									
Standard Well	AB303	25461	55029	26S38E01J1	2/3/2007								
Campbell Ranch	AB303	25931	49989	26S38E12R1	2/2/2007								
Marquardt Well	AB303	17483	28160	26S38E35L1	2/7/2007								
TTIWW-MW01(I)	TT03	57493	57493	26S39E01A	2/17/2002	IHZ	20.31	372	2379	2379	350	370	2029
TTIWW-MW01(D)	TT03	57493	57493	26S39E01A	2/17/2002	DHZ	23.23	752	2379	2379	730	750	1649
Navy Well LB	AB303	42555	54677	26S39E03M1	1/15/2007								
26S/39E09H01	AB303	41771	50688	26S39E09H1	1/11/2007				2300				2300
26/39-09M01	AB303	37048	49426	26S39E09M1	1/11/2007				2311				2311
26/39-10E1	UA	42680	51260	26S39E10E1	3/9/1999		20.4	480	2305				
26/39-11E1	UA	48180	50820	26S39E11E1	11/17/1998		21.5	250	2305				
26/39-13R4	B_S	57649	42241	26S39E13R4	1/18/1989		33	800	2318		640	800	1678
26S/39E14P01	AB303	48647	42847	26S39E14P1	1/11/2007				2338				2338
26/39-17F2	B_S	33326	45963	26S39E17F2	5/31/1987		22	881	2340		681	881	1659
26/39-18K2	B_S	29568	49515	26S39E18K2	7/1/1988		28.5	310	2388		290	310	2098
26/39-19K1	B_S	29568	44235	26S39E19K1	4/1/1987			803	2406		270	540	2136
Navy Well 27	AB303	29568	44235	26S39E19K1	12/27/2006 1/14/2007								
Navy Well 27		25700	38940	26S39E19K1									
Navy Well 15	AB303	27925	37312	26S39E19P2	12/27/2006 1/14/2007								
Navy Well 30	AB303	36843	37312	26S39E20R1	12/27/2006 1/14/2007								
26/39-20R2	B_S	36615	37654	26S39E20R2	5/29/1987		28.5	920	2421		600	900	1821
Navy Well 31	AB303	40597	37429	26S39E21Q1	12/27/2006 1/14/2007								
26/39-24P1	B_S	49632	38837	26S39E24P1	5/29/1987		30.5	800	2345		250	350	2095
Navy Well 18		54780	37620	26S39E24P3									
26/39-26B3	B_S	47520	36373	26S39E26B3	1/7/1988			-99	2384				
26/39-27C1	B_S	44352	26256	26S39E27C1	1/7/1988			500	2415				2415
26/39-27D1 (IWWVD#30)	H	42900	36300	26S39E27D1	4/28/1993		29	380	2418		360	380	2058
IWWVD#30	AB303	42900	36300	26S39E27D1									
26/39-30J1	H	31075	34321	26S39E30J1	3/11/1993		27	413	2441		294	413	2147
26/39-30J01	H	31075	34321	26S39E30J1			27	290	2441				2441
26/39-30J1	B_S	31075	34321	26S39E30J1	5/14/1987			413	2441		294	413	2147
Pennix Well	AB303	30902	27007	26S39E31R1	2/7/2007				2505				2505
26/41-7D1	H	58740	48180	26S40E07D1	3/19/1993		21	21	2160				2160
26/40-14A1	H			26S40E14A1	8/21/1996			-99	2159				2159
26/40-17J1	B_S	67344	43713	26S40E17J1	7/2/1988		25	97	2262		95	97	2167
26/40-17Q1	H	23804	42155	26S40E17Q1	8/6/1996			440	2277		360	420	1917
TTIWW-MW02(S)	TT03	58740	37620	26S40E19N01	2/18/2002	SHZ	21.91	257	2339		235	255	2104
TTIWW-MW02(D)	TT03	58740	37620	26S40E19N01	2/18/2002	DHZ	24.9	802	2339		780	800	1559

TTI\WV-MW02(I)	TT03	58740	37620	26S40E19N01	2/18/2002	IHZ	24.21	422	2339	400	420	1939
26/40-20J01	H	67084	38952	26S40E20J1			24		2271			2271
26/40-20L1	UA			26S40E20L1	3/9/1999		24.1	400	2295		280	380.0
26/40-20L1	UA	67467	39189	26S40E20L1	3/9/1999		24.1	400	2295		280	380
26/40-22P1	UA			26S40E22P1	11/17/1998		27.3	1358	2260		530	830.0
26/40-22P1	UA			26S40E22P1	11/17/1998		27.3	1358	2260		530	830
26/40-22P1	B_S			26S40E22P1	8/9/1988		32	1358	2259		530	830
26/40-22P2	B_S			26S40E22P2	7/1/1988		28.5	75	2263		73	75
26/40-22P4	B_S			26S40E22P4	8/9/1988		25.5	215	2260		200	215
26/40-23B2	H			26S40E23B2	8/23/1996			360	2210		300	340
26/40-23D1	H			26S40E23D1	8/26/1996			400	2223		340	480
26/40-30E2	B_S	58740	33660	26S40E30E2	5/29/1987		27	378	2345		205	378
I\WV\WD#8	AB303			26S40E30K1								
26/40-30K1	UA			26S40E30K1	3/10/1999		30.8	800	2340		250	800.0
26/40-30K1	UA	60592	33585	26S40E30K1	3/10/1999		30.8	800	2340		250	800
26/40-30K1	B_S	60592	33585	26S40E30K1	1/22/1986			800	2340		250	800
26/40-30K2	B_S	60592	33585	26S40E30K2	5/14/1987			802	2340		220	760
I\WV\WD#11	AB303			26S40E32K1								
26/40-35H2	H			26S40E35H2	8/6/1996			500	2243		340	480
BR-1 P4	H96	16966	8353	27S38E02C01	6/4/1996		27		2848		1750	1770
27/38-10C02	AB303	12811	20774	27S38E10C2				872	2900		452	852
27/38-13A1	UA	25881	15581	27S38E13A1	3/8/1999		23.9	510	2649		250	290.0
27/38-13A1	UA	25881	15581	27S38E13A1	3/8/1999		23.9	630	2660		460	610
27/38-13A2	AB303	25696	15103	27S38E13A2								
		16661	12789	27S38E14M1								
		4673	14901	27S38E17A1								
27/38-21L1	AB303	7157	7157	27S38E21L1								
BR-1 P1		16966	8353	27S38E23F1	3/2/1991						615	635
BR-1 P1	H96	16966	8353	27S38E23F2	6/4/1996		29		2848		615	635
BR-1 P2		16966	8353	27S38E23F2	3/2/1991				2848		1040	1060
BR-1 P3		16966	8353	27S38E23F3	3/2/1991				2848		1500	1520
BR-1 P2	H96	16966	8353	27S38E23F3	6/4/1996			29	2848		1040	1060
BR-1 P4		16966	8353	27S38E23F4	3/2/1991				2848		1750	1770
BR-1 P3	H96	16966	8353	27S38E23F4	6/4/1996		27		2848		1500	1520
27/38-27M1		11440	2640	27S38E27M1								
BR-1 P4	AB303	16966	8353	27S38E2C01								
BR-2 P1	H96	17009	25449	27S38E2C02	6/4/1996		26		2656		620	640
BR-2 P2		17009	25449	27S38E2C02	10/30/1990				2656		1480	1500
BR-2 P3		17009	25449	27S38E2C03	10/30/1990				2656		1960	1980
BR-2 P2	H96	17009	25449	27S38E2C03	6/4/1996		25.5		2656		1480	1500
27/38-/09C01	AB303	7098	20688	27S38E9C1				601	3090		501	581
27/38-9 Q1 (F.Crowley E.)	AB303	8743	16793	27S38E9Q1	2/2/2007				3075			3075
27/38-9Q2 (F.Crowley W)	AB303	7877	16620	27S38E9Q2				490	3090		380	480
BR-3 P1		48041	20904	27S39E11D1	3/18/1991				2490		650	670
BR-2 P3	H96	17009	25449	27S39E11D1	6/4/1996		27.5		2656		1960	1980
BR-3 P2		48041	20904	27S39E11D2	3/18/1991				2490		1320	1340
BR-3 P1	H96	48041	20904	27S39E11D2	6/25/1996				2490		650	670
BR-3 P3	H96	48041	20904	27S39E11D3	6/25/1996				2490		1850	1870
BR-3 P2	H96	48041	20904	27S39E11D3	6/25/1996				2490		1320	1340
27/39-19E1	H	26834	9348	27S39E19E1	3/17/1993		22		2643			2643
27/39-7R1	B_S	30123	17052	27S39E7R1	8/31/1988			515	2563		434	514
27/39-8M1	B_S	32287	18524	27S39E8M1	7/2/1987		32	1020	2558		560	1000
27/40-6D1	UA			27S40E06D1	3/10/1999		31.3	720	2400		580	700.0
27/40-6D1	UA	57909	26141	27S40E6D1	3/10/1999		31.3	720	2400		580	700
27/40-6D1	B_S	57909	26141	27S40E6D1	5/28/1987		33	720	2400		580	700
28/38-18F1	UA			28/38-18F1	11/18/1998		21.7	255	3025			
28/38-18F1	UA			28S38E18F1	11/18/1998		21.7	247	3025		0	247
28/38-18F1	AB303			28S38E18F1								3025
68-6 (Brine)	TTI			22S39E20Q1		COSO						
24S/38E16J2	B_S			24S38E16J2	1/22/1986			611	2585		251	611
24S/38E33J2	B_S			24S38E33J2	1/23/1986			675	2480		240	375
24S/39E33N1	B_S			24S39E33N1	1/10/1986			161	2355			2240
25S/38E11L1	B_S			25S38E11L1	7/23/1987		20.5	400	2445			
25S/38E11L1	B_S			25S38E11L1	9/20/1987			400	2445			
25S/38E23J1	B_S			25S38E23J1	4/16/1986			630	2376		240	630

25S/38E25J1	B_S			25S38E25J1	4/16/1986			330	2275	120	330		2155
25S/38E25J2	B_S			25S38E25J2	8/25/1988			330	2275	120	331		2155
25S/38E36A1	B_S			25S38E36A1	4/16/1986			285	2291	139	285		2152
25S/38E36A1	B_S			25S38E36A1	8/25/1988								
25S/38E36B1	B_S			25S38E36B1	4/17/1986			400	2293	200	400		2093
25S/38E36B1	B_S			25S38E36B1	7/29/1988			400	2293	200	400		2093
25S39E12R02	TTI	57611	79669	25S39E12R2		SHZ							
25S39E29M01	TTI	32325	65237	25S39E29M1		SHZ							
25S39E30L01	TTI	28160	65120	25S39E30L01		IHZ							
25S/39E31D1	B_S			25S39E31D1	4/16/1986			300	2267	140	300		2127
25S/39E31D1	B_S			25S39E31D1	7/29/1988			300	2267	140	300		2127
25S/40E20F1	B_S			25S40E20F1	1/9/1986			183	2180				
26S/37E26L1	B_S			26S37E26L1	7/23/1987			50	4320				
26S38E22 NW1/4 of NW1/4				26S38E22		spring							
26S/38E27G1	B_S			26S38E27G1	9/17/1985			723	2901	663	723		2238
26S/38E35B1	B_S			26S38E35B1	1/23/1986			400	2575	340	400		2235
26S/39E7N2	B_S			26S39E07N2	4/15/1986			368	2395				2395
26/39-15J01	H			26S39E15J01	8/7/1996			885	2355	600	700		1755
26S/39E19P1	B_S			26S39E19P1	9/18/1985			421	2416				
26S39E21Q01		40597	37429	26S39E21Q1		UNK							
26S39E23G-SEA05	TTI	51260	40700	26S39E23G		DHZ							
Navy Well 28				26S39E23H1									
26S/39E24M1	B_S			26S39E24M1	9/18/1985			800	2366	220	405		2146
26S/39E25E1	B_S			26S39E25E1	2/27/1986			387	2345	179	260		2166
26S/39E25E1	B_S			26S39E25E1	5/29/1987		26	387	2345	179	260		2166
26/39-26E1	B_S			26S39E26E1	5/29/1987		26	387	2345	179	260		2166
26/39-28A01	H			26S39E28A1			29	270	2410				2410
IWWVD#31	AB303			26S39E28R1									
26S/40E1A2	B_S			26S40E01A2	6/17/1985			198	2158	80	100		2078
26S/40E1A2	B_S			26S40E01A2	6/1/1987		24	198	2158	80	100		2078
26/40-01Q2	S			26S40E01Q2	11/10/1998		23	22	2160				2160
26/40-01R	S			26S40E01R	11/6/1998		24	17	2162				
26S/40E4Q1	B_S			26S40E04Q1	7/22/1987			290	2185	30	50		2155
26S/40E4Q1	B_S			26S40E04Q1	5/30/1987		21	290	2185	30	51		2155
26S40E06C01	TTI			26S40E06C01		IHZ							
26S/40E6C1	B_S			26S40E06C1	7/24/1987			620	2195	500	600		1695
26S/40E6C1	B_S			26S40E06C1	5/30/1987		20.5	620	2195	500	601		1695
26S/40E6D1	B_S			26S40E06D1	7/24/198			320	2216	276	300		1940
26S/40E6D1	B_S			26S40E06D1	5/30/1987		23.5	320	2216	276	301		1940
MW02-03	TTI			26S40E09		IHZ							
ITC02-MW21	TTI			26S40E09		SHZ							
RLS15-MW01	TTI			26S40E11		SHZ							
26/40-11J2	S			26S40E11J2									
26/40-11J3	B_S			26S40E11J3	6/11/1985		27.5	8	2174				2174
Seep 1				26S40E12		SW							
26/40-14B1	B_S			26S40E14B1	6/11/1985			22	2187	20	22		2167
26/40-14L1	B_S			26S40E14L1	6/11/1985		23.5	57	2201	55	57		2146
26S/40E15N2	B_S			26S40E15N2	6/11/1985			101	2235	99	101		2136
26S/40E15N2	B_S			26S40E15N2	7/9/1988		26	101	2235	99	101		2136
26/40-17J1	B_S	67344	43713	26S40E17J1	6/10/1985			97	2262	95	97		2167
26/40-17R1	B_S			26S40E17R1	6/10/1985			101	2267	99	101		2168
26/40-17R1	B_S			26S40E17R1	7/2/1988		24.5	101	2267	99	101		2168
26/40-17R1	B_S			26S40E17R1	6/10/1985			101	2267	99	101		2168
26S40E19P01				26S40E19P01		SHZ_IHZ							
JMM12-MW06	TTI			26S40E20		IHZ							
JMM12-MW09	TTI			26S40E20		SHZ							
JMM12-MW09-DUP	TTI			26S40E20		SHZ							
26S40E06D01				26S40E206D1		IHZ							
26S40E20L01	TTI	67467	39189	26S40E20L1		IHZ_DHZ							
26S40E20Q1	TTI			26S40E20Q1									
	TTI			26S40E21		DHZ							
MKFL-MW04	TTI			26S40E21		IHZ							
MKFL-MW03	TTI			26S40E21		SHZ							
26S/40E21A1	B_S			26S40E21A1	6/10/1985			104	2251	102	104		2149
26S/40E21E1	B_S			26S40E21E1	6/10/1985			114	2273	112	114		2161

Grapevine Canyon	T				1/20/1995	17.6	3202			
Grapevine Canyon	T				5/13/1996	17.5	3202			
Haiwee Spring	H					12				
Haiwee Spring	SB&M									
Hidden	SB&M									
Horse Canyon	AB303	0	3960							
Horse Canyon Sprg	T				1/15/1996	10.4	4502			
Horse Canyon well	T				4/23/1996	15.5	4600			
Indian	SB&M									
Indian Garden	SB&M									
Indian Wells Canyon	H					17				
Indian Wells Cnyn	AB303	2640	44880							
IWVBCSI	TTI									
JB Well	T				5/21/1996		2339			2339
JB Well	T				11/25/1995	0	2339			2339
John's Well	T				4/21/1996	22	2402			2402
Kennedy Meadows-Kern River	H					8				
KR at K Meadows	T				6/1/1994		6040			
KR at K Meadows	T				4/2/1995		6040			
KR South Fork	T				6/1/1994		2612			
KR South Fork	T				3/31/1996	7.8	5942			
La Motte	SB&M									
Layton	SB&M									
Lead Pipe	SB&M									
Little Lake	H					17				
Little Lake Outlet					2/4/2007					
Mammoth Mine	SB&M									
Margaret Ann E	SB&M									
Mariposa	SB&M									
Mclvers Sprg	T				5/1/1995	16	6601			
Mesquite	SB&M									
Myrick	SB&M									
New House	SB&M									
Ninemile Canyon	H					18				
Ninemile Canyon	T				4/2/1995	14.2	3501			
Ninemile Canyon	T				12/2/1995	12	3202			
Ninemile Canyon	T				5/13/1996	28	3202			
Ninemile Canyon					2/19/2007					
Ninemile Cnyn	AB303	0	95700	24S38E						
Noname	T				4/21/1996	0	3501			
Noname Canyon	H					16				
Noname Canyon	H				2/19/2007					
Noname Canyon	T				4/2/1995	15.2	3402			
Noname Canyon	T				1/6/1996	15.6	3501			
Noname Canyon	T				5/13/1996	28	3402			
NoName Cnyn	AB303	0	89730	24S38E30P1						
Noname Grotto	T				4/21/1996	18.6	3481			
Noname High	T				4/21/1996	0	4301			
North Mountain	SB&M									
NR2-s	T		27/38-23F01		12/15/1995	23.9	1985			1985
Old House	SB&M									
Pierce Well	T				11/24/1995	26	2339			2339
Pierce Well	T				5/21/1996		2339			2339
Pink Hill	SB&M									
Rock House Sprg	T				8/25/1996	25.3	5000			
Ruby-West	SB&M									
Sacatar Cyn Sprg	T				8/24/1996	22	5801			
Sage Canyon	AB303	0	5280							
Sage Canyon	T				4/22/1995	14.8	3301			
Sage Canyon Sprg	T				11/26/1995	17.2	3301			
Sage Sprg A	T				5/4/1996	23.5	4600			
Sage Sprg D	T				5/4/1996	22.6	4600			
Sand Canyon	H					17				
Sand Canyon	T				4/9/1995	13	3002			
Sand Canyon	T				11/20/1995	17	3202			

Sand Canyon	T				5/13/1996	20.5	3002				
Sand Canyon					2/19/2007						
Sand Cnyn	AB303	3960	81840	25S38E8K1							
Seep	SB&M										
Short	AB303	5280	56760								
Short Canyon	H						15				
Short Canyon	T				5/13/1996	16.8	3402				
Short Canyon C	T				4/21/1996	21.5	3402				
Short Canyon D	T				4/21/1996	21.4	3402				
Short Canyon I					4/21/1996		3402				
Short Canyon Sprg	T				1/12/1996	9	3402				
Short Canyon Sprg					4/8/1995	13.3	3402				
Soldier	AB303	0	17160								
Stone Corral	SB&M										
Tennessee	SB&M										
Upper Tunnel	SB&M										
Wild Rose Spring	H					-18					

Screen bottom (EI)	WL	Head	E_C	pH_F	pH_L	TDS	Ca	Mg	Na	K	Cl	Sr	SO4	T_ALK	HCO3	CO3	NO2_NO3	SiO2	F
			2080		8.6	1300	53	75	300.00	26.00	210.00		190	690	610	110			1.10
						1100					83.60	0.814	54.6						
			1960		8.13	1100	68	39	350.00	18.00	180.00		180	640	770		5.1		1.00
				7.7		1480	154	117	222.00	24.80	109.00	2.6	141		1170			15	0.80
				8.1		1140	57	56	283.00	17.90	208.00	1	211		618			27	0.50
				8.4		1140	44	55	281.00	18.20	207.00	1	211		527			28	0.50
				8		1120	40	50	248.00	18.30	205.00	1.1	194		485			10	0.40
				8.5		1120	49	56	282.00	17.80	209.00	0.8	211		485			25	0.50
				8		1120	47	51	258.00	18.10	206.00	1	208		468			0	0.40
				8		994	40	42	215.00	16.30	194.00	0.9	199		358			3	0.50
				8.5		745	32	28	193.00	8.60	170.00	0.9	185		190			14	0.80
				7.15	7.7	960	108	47	163.00	17.00	119.00		241		597			27	0.70
			909		7.69	520	97	40	72.00	6.80	23.00		130	390	480		6.8		0.75
			512		8.32	280	12	5.2	92.00	8.20	28.00		12	210	240	2.8	1		0.20
-1990			1870		8.7	891	14.4	17.5	335.00	8.70	68.60		90	708			<1.0		1.50
-1600			1880		8.7	837	20.8	6.8	346.00	9.00	72.70		65.5	626			<1.0		2.10
						280													
			993		8.18	600	91	0.097	98.00	7.00	100.00		120	210	260		20		0.74
			1600		9.2	980	31	14	314	4.9	232		163	288			0.6		1.0
				6.96	7.8	590	68	17	96.00	4.00	89.00		181		184			34	0.40
			898		8.04	550	65	15	100.00	3.70	92.00		160	160	200		0.35		0.38
						790													
					9	7870	11	6	2500.00	63.00	4530.00		23		212			3	2.00
			886		8.23	560	57	13	110.00	3.90	85.00		140	170	200	3.4	0.6		0.54
			932		8.16	560	69	12	100.00	3.50	130.00		140	120	150		3.2		0.51
			281		8.98	180	1.8		65.00	0.64	5.00		14	110	88	25	12		0.22
2009	246.47	2131.65	307	7.99		278	32.6	9.84	33.90	2.76	29.60		52.70	100			1.7	94.3	0.60
1629	259.31	2105.11	395	9.57		199	1.79	0.155	62.90	0.90	10.90		21.80	102			1.8	42.6	0.60
			1240		8.22	790	52	37	160.00	15.00	110.00		140	380	460				0.73
2300			551		8.11	340	39	6.1	59.00	2.60	48.00		82	100	120		1.3		0.46
2311			303		8.86	180	2.2	0.14	63.00	1.80	19.00		7.8	110	96	22			0.54
			695		8.5	525	27	6	116	4.2	60		75		191				0.8
			813		7.5	490	70	12	87	3.6	96		52	257	257		2.1		0.3
1518			1,300		9.0	826	3.7	0.56	320.00	3.40	160.00		13			<.10	3.7	29.0	3.50
2338			360		7.96	250	30	10	25.00	2.70	33.00		22	100	120				0.62
1459			360		8.8	173	4.9	0.64	52.00	3.70	7.20		6.7			<.10	3.2		3.20
2078			530		7.3	312	38	6	51.00	2.30	55.00		63			1.5	0.6	35.0	0.60
1866			780		8.1	393	60	9	64.00	4.00	136.00		80				0.7		0.70
			490		8.11	350	40	5.9	57.00	2.40	44.00		91	92	110		6.6		0.59
						350													
			540		8.07	380	44	604	65.00	2.60	36.00		130	88	110		5.4		0.64
			340		8.14	270	31	3.5	37.00	2.10	24.00		50	84	100		7.6		0.66
1521			365		8.2	199	10.0	2.3	62.00	1.90	27.00		40				1.5	27.0	0.80
			310		8.14	220	22	0.32	38.00	1.70	22.00		36	73	89		9.9		0.41
1995			360		9.0	215	21	1.7	40.00	1.40	21.00		21			1.2	0.8		
						230													
			400		8.1	229	37.8	4.2	38.00	2.30	30.60		51.9				0.7		
2415			440		8.0	234	40.0	4.2	32.00	4.00	30.20		51						0.80
2038			336		7.9	270	20.0		52.00	2.00	27.00		31				10.8		0.40
						220													
2028			439		7.5	290	31.0			2.00	29.00		63						0.70
2441					7.5	290	31.0	5.0	54.00	2.00	29.00		63		132			33.0	0.70
2028			430		8.3	243	29.4	3.4	54.30	3.40	24.00		58						0.90
2505			423		8.1	290	35	5.5	54.00	2.30	25.00		53	120	140	6.3	7.7		0.71
2160			9410		8.97	5650	10.0	3	2240.00	15.00	2320.00		620					23	6.90
2159			2900		7.8	1900	35.0	7.2	650.00	10.00	450.00		240		570		2.2		5.10
2165			415		7.5	266	30.0	6.0	43.00	4.20	24.00		40				<0.1		0.80
1857			3700		9.4	2400	0.8	0.8	960.00	7.60	280.00		1		1000	700	0.0		14.00
2084		2132.31	342		8.8	218	12.4	3.73	55.80	4.55	17.80		19.90	122			0.7	94.1	0.80
1539		2113.28	311		9.66	208	1.37	0.132	65.10	0.42	19.10		12.10	106			0.08	86.6	1.00

				8.24	8.2	360	73	21	75.00	4.70	21.00	0.7	75		369			48	1.30
			807		8.38	480	79	25	90.00	6.30	23.00		94	360	370	35			1.70
					8.38	480	79	25	90.00	6.30	23.00		94	360	370	35			1.70
								21	4	37.00	6.00	24.00				76			0.5
					8.16	390	66	9.3	41.00	0.97	8.00		74	200	260				0.87
				8.29	802	360	57	8	41.00	2.00	12.00		74		190			36	0.80
				7.9		435	74	8	49.00	0.70	11.00	0.6	65		282			53	0.80
				7.3		492	69	8	61.00	5.90	10.00	0.6	164		196			45	0.20
				7.6		180	33	4	18.00	2.10	6.00	0.2	38		92			30	0.20
				7.9		206	30	3	27.00	0.60	13.00	0.2	9		141			55	0.30
				8		322	60	8	40.00	1.20	10.00	0.4	71		173			33	0.30
				8.1		350	55	8	42.00	1.60	10.00	0.5	79		209			44	0.80
					7.82	270	49	8.9	32.00	0.29	13.00		36	160	200		2.4		0.42
							69	8	40.00		33.00				195				0.60
							51	5	24.00	3.00	26.00				153				0.20
							72	11	43.00	2.00	41.00				183				
					7.4	440	86	21	37.00	2.00	41.00		54		307			26	0.20

As	Ba	B	del ¹¹ B	del_D_date	del_D	del_18O	³ H (TU)	δ ¹³ C (‰)	PMC	¹⁴ C (uncorr)	¹⁴ C (corr) GTC	¹⁴ C (corr) TTI	I_36Cl	Sr_87_86	del_37Cl	δ ³⁴ S (‰)	I_222Rn
		5700	7.6		-74	-7.40	<0.8									7.7	
		410	22.2		-94	-12.00	2	0.1				6108		0.708996		4.1	
6.7	38	7400	3.1		-95	-11.90	<0.6	1.1	31.42	9299	#NUM!					8.2	
		3			-103	-13.10											
		7			-93	-11.90											
		6			-96	-11.70											
		7			-95	-11.60											
		6			-92	-11.70											
		7			-93	-10.80											
		5			-95	-11.40											
		1			-96	-11.90											
		3		3/18/1993	-90	-11.70											
4.4	60	160	-4.1		-92	-11.90	<0.5	2.1	29.49	9809	#NUM!					3.4	
	81	340	16.0		-78	-10.60	<0.8	-5.8	76.81	2119	-363					11.0	
1.7	130	620	19.6		-85	-11.00	0.4	-7.2	80.06	1786	1041						6.8
		5.3	5.2		-97.50	-12.50	1.5	-5.4	23.39	11670	8614		57	0.707168			
		1		4/28/1993	-96	-12.00											
1.4	33	810	19.8		-95	-12.40	<0.4	-10.0	24.77	11210	13104						6.8
		25		3/10/1993	-99	-12.30											
1.2	35	820	9.7		-95	-12.30	<0.4	-7.0	29.75	9739	8767						6.9
0.89	49	720	19.4		-95	-12.30	<0.4	-15.4	29.57	9788	15150						5.3
4.5		120	26.3		-105	-13.40	<0.9	-9.4	8.90	19430	20827						6.1
		197			-95	-12.90						16065					
		221			-105	-14.20						19908					
3.3	41	3100	11.4		-92	-12.00	<0.4	-1.9	20.26	12826	1379						9.2
7.1	20	460	14.7		-96	-12.60	<0.3	Broken		Broken							4.7
3.5		840	3.0		-96	-13.00	<0.4	-28.1	7.29	21040	31233						27.1
		4.95	6		-96.50	-12.90	<0.8	-7.5	8.30	19990	19573		109	0.7078321			
		1.74	21		-95.50	-12.50								0.7076498			
7.2	22	140	11.9		-95	-14.60	<0.4	-17.7	7.17	21170	27650						16.4
		1			-102.0	-13.55											
		0															
	34	210	23.9		-95	-12.50	<0.6	-7.3	34.78	8485	7850						4.4
3.3	23	170	12.3		-93	-12.60	<0.3	-7.5	20.33	12799	12382						5.8
		0															
2.7	18	160	9.9		-95	-12.70	<0.4	-10.0	25.83	10874	12768						5.8
		1.00			-96.0	-12.50											
					-98	-13.00	<0.5										
		0.2		3/11/1993	-91.0	-12.30											
		.2		3/11/1993	-91.0	-21.30											
2.2	49	250	19.7		-93	-12.30	0.7	-0.4	16.09	14678	-9286						5.1
		30		5/3/1993	-98	-12.50											
		5.0			-105.0	-13.90											
		0															
		56			-106.0	-13.90											
		165										182					
		864										23006					

	4050	-2.8		-105	-14.00		3.3	0.70	39900	#NUM!	40088		0.709012	0.2		470
	2480	6.5		-98	-12.40		-8.3	58.60	4300	4690	3491		0.708569	0.3		920
				-97	-12.55											
	10															
				-91	-11.95											
	3															
				-93	-12.30											
	11															
	9	5.5		-94.5	-12.10		-6.9						0.708641			
				-97	-12.80											
	11															
	4950	-6.7		-107	-14.10	1.3	-3.9	0.58	41400	35699	41643				8.1	920
	1220	3.9		-101	-12.70	<1.4	-9.8	33.90	8685	10421	8016				10.9	<200
				-97	-12.50											
	5															
				-97.0	-12.50											
	14200	4.3		-107	-14.20	<1.0	0.5	0.32	45000	28147	46559			0.7	25.8	540
				-102	-12.90											
	15															
				-102.0	-12.90											
	14															
	410	19.3		-100	-12.80	1.3	1.4	49.40	5665	#NUM!	4903				26.6	<200
				-96	-12.40											
	14															
				-96.0	-12.40											
	6250	-4.9		-108	-14.20		-2.1	0.70	40300	29215	40088	<5	0.708702	0.2	6.2	450
	5.8	-4.0		-102.5	-13.60		-4.9						0.708532			
		1.7		-106	-13.90		-12.7	2.60	29390	33131	29242	<5		0.6	22.5	<200
	16400	1.5		-105	-14.00		-10.5	2.90	28450	30726	28339	<5	0.70864	0.4	20.2	460
				-101	-13.40											
	19															
				-101.0	-13.40											
				-103	-13.30		-10.8	46.00	6240	8750	5493	<5	0.708419	0.2	4.6	350
				-101	-12.80											
	19															
				-101.0	-12.80											
				-93.0	-12.05											
	1910	6.7		-93	-12.10	<0.7	-3.2	45.30	6370	-898	5619				6.3	200
		-2.9		-104	-13.80		-3.5				25477		0.708291	-1		<200
	470	-3.2		-105	-13.80		-3.3				25278		0.708269	-0.3		<200
	660	10.9		-103	-12.40	<1.0	-11.5				7519		0.70828	0.8		190
								4.10	25640	#DIV/0!	25477					
								4.20	25640	#DIV/0!	25278					
								-11.5	36.00	8220	11223	7519				
				-96	-12.50											
	140	8.1		-97	-12.80	<1.0	-7.2	5.60	23210	22409	22900	<5	0.707957	0	3.6	350
	140	8.9		-97	-12.80	<1.4	-6.5	6.10	22530	20900	22193	<5	0.70794	0.1	3	390
				-99.5	-13.25											
				-102	-13.30											
				-103	-13.60											
	140	10.4		-97	-12.80		-6.3	5.40	23520	21629	23200	<5	0.707815	0.9	6.2	520
				-106	-13.80											
				-105	-13.90											
	0															
				-95	-13.20											
				-103	-13.75											
				-99	-12.80	0.9										
		6.2		-101	-13.10	<1.3	-5.2	4.20	25440	22106	25278		0.708082	0.5		420
	840	5.2		-101	-13.10	<1	-6.4	5.00	24130	22373	23837		0.708079	0.4		570
				-98	-12.70	0.6										
	500	0.2		-106	-14.30	<0.9	-2.3	0.60	41400	31184	41363	<5	0.708509	-0.9		280

