

TABLE DR1. OCI-11 ISOTOPES

DR# 2003070

date/time spec.- no.	sample ident	taxon	section	depth	d13Cpdb	d18Osmow	depth+	habitat	depth_btmadd_SMOW		
	NV94RMF86 (A)	Craw	86	-507.5	-6.30	21.00	507.5	X	2.5	34.00	1.4
	NV94RMF86 (A)	Lpara	86	-507.5	-7.90	18.60	507.5	Y?	2.5	31.60	10.8
	NV94RMF86 (A)	Smead	86	-507.5	-5.50	19.90	507.5	Y	2.5	32.90	5.6
	NV94RMF86 B	Ccaud	86	-502.5	-7.90	21.50	502.5	Y	7.5	34.50	-0.5
	NV94RMF86 B	Craw	86	-502.5	-6.20	20.10	502.5	X	7.5	33.10	4.8
	NV94RMF86 B	Cvid	86	-502.5	-5.40	18.40	502.5	X	7.5	31.40	11.6
	NV94RMF86 B	Hincon	86	-502.5	-6.00	18.00	502.5	S	7.5	31.00	13.3
	NV94RMF86 B	Lpara	86	-502.5	-8.10	18.30	502.5	Y?	7.5	31.30	12.0
	NV94RMF86 B	P.sp.A	86	-502.5	-6.10	18.40	502.5	Z	7.5	31.40	11.6
	NV94RMF86 B	Smead	86	-502.5	-6.30	19.20	502.5	Y	7.5	32.20	8.3
-13-1998/2	25548 ♂ CA/PISI/WHELAN	bivalve	86	-497.5	-6.49	18.00	497.5	M	12.5	31.00	13.2
	NV94RMF86 C	Ccaud	86	-497.5	-7.00	20.70	497.5	Y	12.5	33.70	2.5
	NV94RMF86 C	Craw	86	-497.5	-6.20	19.70	497.5	X	12.5	32.70	6.3
	NV94RMF86 C	Cvid	86	-497.5	-5.20	18.60	497.5	X	12.5	31.60	10.8
	NV94RMF86 C	Hincon	86	-497.5	-5.60	20.10	497.5	S	12.5	33.10	4.8
	NV94RMF86 C	L.sp.	86	-497.5	-8.10	18.50	497.5	Y?	12.5	31.50	11.2
	NV94RMF86 C	Smead	86	-497.5	-4.60	19.10	497.5	Y	12.5	32.10	8.7
	NV94RMF86 D	Craw	86	-492.5	-6.90	20.30	492.5	X	17.5	33.30	4.0
	NV94RMF86 D	Cvid	86	-492.5	-7.70	18.80	492.5	X	17.5	31.80	9.9
	NV94RMF86 D	Hincon	86	-492.5	-6.20	19.60	492.5	S	17.5	32.60	6.7
	NV94RMF86 D	L.sp.	86	-492.5	-4.10	19.60	492.5	Y?	17.5	32.60	6.7
	NV94RMF86 E	Craw	86	-487.5	-6.60	21.10	487.5	X	22.5	34.10	1.0
	NV94RMF86 E	Cvid	86	-487.5	-2.80	20.80	487.5	X	22.5	33.80	2.1
	NV94RMF86 E	Hincon	86	-487.5	-7.20	18.50	487.5	S	22.5	31.50	11.2
	NV94RMF86 E	L.sp.	86	-487.5	-8.60	18.30	487.5	Y?	22.5	31.30	12.0
	NV94RMF86 F	Craw	86	-482.5	-6.10	20.10	482.5	X	27.5	33.10	4.8
	NV94RMF86 F	Cvid	86	-482.5	-3.80	21.50	482.5	X	27.5	34.50	-0.5
	NV94RMF86 F	Hincon	86	-482.5	-6.50	19.80	482.5	S	27.5	32.80	5.9
	NV94RMF86 F	L.sp.	86	-482.5	-8.40	18.60	482.5	Y?	27.5	31.60	10.8
	NV94RMF86 G	Ccaud	86	-477.5	-6.90	20.90	477.5	Y	32.5	33.90	1.7
	NV94RMF86 G	Craw	86	-477.5	-5.30	22.00	477.5	X	32.5	35.00	-2.3
	NV94RMF86 G	Cvid	86	-477.5	-3.90	19.20	477.5	X	32.5	32.20	8.3

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NV94RMF86 G	L.sp.	86	-477.5	-7.00	18.70	477.5	Y?	32.5	31.70	10.3
NV94RMF86 H	Craw	86	-472.5	-6.70	20.30	472.5	X	37.5	33.30	4.0
NV94RMF86 H	Cvid	86	-472.5	-3.40	20.30	472.5	X	37.5	33.30	4.0
NV94RMF86 H	L.sp.	86	-472.5	-8.80	18.30	472.5	Y?	37.5	31.30	12.0
NV94RMF86 H	L.sp.	86	-472.5	-8.60	18.70	472.5	Y?	37.5	31.70	10.3
NV94RMF86 I	Craw	86	-467.5	-7.10	20.50	467.5	X	42.5	33.50	3.2
NV94RMF86 I	Craw	86	-467.5	-7.00	20.10	467.5	X	42.5	33.10	4.8
NV94RMF86 I	Cvid	86	-467.5	-4.40	19.00	467.5	X	42.5	32.00	9.1
NV94RMF86 I	L.sp.	86	-467.5	-8.40	19.30	467.5	Y?	42.5	32.30	7.9
NV94RMF86 J	Craw	86	-462.5	-6.90	18.80	462.5	X	47.5	31.80	9.9
NV94RMF86 J	Cvid	86	-462.5	-7.00	19.30	462.5	X	47.5	32.30	7.9
NV94RMF86 J	Cvid	86	-462.5	-6.70	18.00	462.5	X	47.5	31.00	13.3
NV94RMF86 J	L.sp.	86	-462.5	-7.70	18.30	462.5	Y?	47.5	31.30	12.0
NV94RMF86 J	L.sp.	86	-462.5	-5.80	21.50	462.5	Y?	47.5	34.50	-0.5
NV94RMF86 K	Craw	86	-457.5	-6.70	17.70	457.5	X	52.5	30.70	14.5
NV94RMF86 K	Craw	86	-457.5	-5.50	18.10	457.5	X	52.5	31.10	12.8
NV94RMF86 K	Cvid	86	-457.5	-6.60	18.30	457.5	X	52.5	31.30	12.0
NV94RMF86 K	Cvid	86	-457.5	-5.10	21.10	457.5	X	52.5	34.10	1.0
NV94RMF86 K	L.sp.	86	-457.5	-6.00	20.20	457.5	Y?	52.5	33.20	4.4
NV94RMF86 K	L.sp.	86	-457.5	-4.00	18.50	457.5	Y?	52.5	31.50	11.2
NV94RMF86 K	Pvar	86	-457.5	-6.70	20.50	457.5	X?	52.5	33.50	3.2
NV94RMF86 K	Pvar	86	-457.5	-5.90	20.00	457.5	X?	52.5	33.00	5.2
NV94RMF86 L	Ccaud	86	-452.5	-7.60	18.20	452.5	Y	57.5	31.20	12.4
NV94RMF86 L	Ccaud	86	-452.5	-6.50	17.90	452.5	Y	57.5	30.90	13.7
NV94RMF86 L	Ccaud	86	-452.5	-5.50	20.70	452.5	Y	57.5	33.70	2.5
NV94RMF86 L	Ccaud	86	-452.5	-5.00	18.50	452.5	Y	57.5	31.50	11.2
NV94RMF86 L	Cvid	86	-452.5	-6.20	17.70	452.5	X	57.5	30.70	14.5
NV94RMF86 L	Cvid	86	-452.5	-5.80	20.90	452.5	X	57.5	33.90	1.7
NV94RMF86 L	Hincon	86	-452.5	-8.10	17.80	452.5	S	57.5	30.80	14.1
NV94RMF86 L	Hincon	86	-452.5	-6.20	20.00	452.5	S	57.5	33.00	5.2
NV94RMF86 L	L.sp.	86	-452.5	-7.70	18.30	452.5	Y?	57.5	31.30	12.0
NV94RMF86 L	L.sp.	86	-452.5	-6.40	17.90	452.5	Y?	57.5	30.90	13.7
NV94RMF86 M	Craw	86	-447.5	-4.50	21.50	447.5	X	62.5	34.50	-0.5

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NV94RMF86 M	Cvid	86	-447.5	-7.30	18.50	447.5	X	62.5	31.50	11.2
NV94RMF86 M	Cvid	86	-447.5	-4.70	18.10	447.5	X	62.5	31.10	12.8
NV94RMF86 M	Hincon	86	-447.5	-6.20	20.70	447.5	S	62.5	33.70	2.5
NV94RMF86 M	Hincon	86	-447.5	-5.10	21.80	447.5	S	62.5	34.80	-1.6
NV94RMF86 M	L.sp.	86	-447.5	-7.10	20.00	447.5	Y?	62.5	33.00	5.2
NV94RMF86 M	L.sp.	86	-447.5	-6.00	18.70	447.5	Y?	62.5	31.70	10.3
NV94RMF86 N	Craw	86	-442.5	-9.00	18.70	442.5	X	67.5	31.70	10.3
NV94RMF86 N	Craw	86	-442.5	-7.00	20.50	442.5	X	67.5	33.50	3.2
NV94RMF86 N	Craw	86	-442.5	-6.80	20.70	442.5	X	67.5	33.70	2.5
NV94RMF86 N	Craw	86	-442.5	-6.40	19.80	442.5	X	67.5	32.80	5.9
NV94RMF86 N	Cvid	86	-442.5	-6.90	20.00	442.5	X	67.5	33.00	5.2
NV94RMF86 N	Cvid	86	-442.5	-5.40	19.20	442.5	X	67.5	32.20	8.3
NV94RMF86 N	Hincon	86	-442.5	-8.30	17.60	442.5	S	67.5	30.60	15.0
NV94RMF86 N	Hincon	86	-442.5	-6.60	17.50	442.5	S	67.5	30.50	15.4
NV94RMF86 N	L.sp.	86	-442.5	-7.10	19.30	442.5	Y?	67.5	32.30	7.9
NV94RMF86 N	L.sp.	86	-442.5	-6.10	20.00	442.5	Y?	67.5	33.00	5.2
NV94RMF86 O	Ccaud	86	-437.5	-8.00	19.30	437.5	Y	72.5	32.30	7.9
NV94RMF86 O	Ccaud	86	-437.5	-7.90	19.70	437.5	Y	72.5	32.70	6.3
NV94RMF86 O	Craw	86	-437.5	-6.80	19.70	437.5	X	72.5	32.70	6.3
NV94RMF86 O	Craw	86	-437.5	-4.70	20.30	437.5	X	72.5	33.30	4.0
NV94RMF86 O	Cvid	86	-437.5	-8.00	18.70	437.5	X	72.5	31.70	10.3
NV94RMF86 O	Cvid	86	-437.5	-5.70	20.10	437.5	X	72.5	33.10	4.8
NV94RMF86 O	Pvar	86	-437.5	-8.50	19.00	437.5	X?	72.5	32.00	9.1
NV94RMF86 O	Pvar	86	-437.5	-3.40	19.50	437.5	X?	72.5	32.50	7.1
NV94RMF86 P	aquifer	86	-432.5	-6.00	19.70	432.5	G	77.5	32.70	6.3
NV94RMF86 P	aquifer	86	-432.5	-5.90	22.20	432.5	G	77.5	35.20	-3.0
NV94RMF86 P	Ccaud	86	-432.5	-8.00	18.50	432.5	Y	77.5	31.50	11.2
NV94RMF86 P	Ccaud	86	-432.5	-7.40	19.60	432.5	Y	77.5	32.60	6.7
NV94RMF86 P	Ccaud	86	-432.5	-6.80	19.70	432.5	Y	77.5	32.70	6.3
NV94RMF86 P	Ccaud	86	-432.5	-6.60	18.70	432.5	Y	77.5	31.70	10.3
NV94RMF86 P	Craw	86	-432.5	-10.60	19.30	432.5	X	77.5	32.30	7.9
NV94RMF86 P	Craw	86	-432.5	-6.90	22.00	432.5	X	77.5	35.00	-2.3
NV94RMF86 P	Cvid	86	-432.5	-7.40	19.40	432.5	X	77.5	32.40	7.5

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NV94RMF86 P	Cvid	86	-432.5	-6.80	20.40	432.5	X	77.5	33.40	3.6
NV94RMF86 P	L.sp.	86	-432.5	-10.10	19.70	432.5	Y?	77.5	32.70	6.3
NV94RMF86 P	L.sp.	86	-432.5	-7.70	18.70	432.5	Y?	77.5	31.70	10.3
NV94RMF86 P	Pvar	86	-432.5	-8.70	17.30	432.5	X?	77.5	30.30	16.3
NV94RMF86 P	Pvar	86	-432.5	-5.40	18.40	432.5	X?	77.5	31.40	11.6
NV94RMF86 Q	Cacum	86	-427.5	-7.40	18.60	427.5	S	82.5	31.60	10.8
NV94RMF86 Q	Cacum	86	-427.5	-6.00	19.10	427.5	S	82.5	32.10	8.7
NV94RMF86 Q	Cacum	86	-427.5	-5.90	19.50	427.5	S	82.5	32.50	7.1
NV94RMF86 Q	Ccaud	86	-427.5	-5.70	18.70	427.5	Y	82.5	31.70	10.3
NV94RMF86 Q	Craw	86	-427.5	-7.60	18.40	427.5	X	82.5	31.40	11.6
NV94RMF86 Q	Craw	86	-427.5	-7.40	19.30	427.5	X	82.5	32.30	7.9
NV94RMF86 Q	Craw	86	-427.5	-7.00	20.70	427.5	X	82.5	33.70	2.5
NV94RMF86 Q	Craw	86	-427.5	-6.20	19.50	427.5	X	82.5	32.50	7.1
NV94RMF86 Q	Cvid	86	-427.5	-6.00	19.80	427.5	X	82.5	32.80	5.9
NV94RMF86 Q	Cvid	86	-427.5	-4.60	18.50	427.5	X	82.5	31.50	11.2
NV94RMF86 Q	L.sp.	86	-427.5	-6.30	18.80	427.5	Y?	82.5	31.80	9.9
NV94RMF86 Q	L.sp.	86	-427.5	-6.00	19.10	427.5	Y?	82.5	32.10	8.7
NV94RMF86 Q	L.sp.	86	-427.5	-5.80	18.70	427.5	Y?	82.5	31.70	10.3
NV94RMF86 Q	L.sp.	86	-427.5	-5.40	18.20	427.5	Y?	82.5	31.20	12.4
NV94RMF86 Q	Pvar	86	-427.5	-6.80	18.80	427.5	X?	82.5	31.80	9.9
NV94RMF86 Q	Pvar	86	-427.5	-6.50	20.00	427.5	X?	82.5	33.00	5.2
NV94RMF86 R	Ccaud	86	-422.5	-5.90	22.20	422.5	Y	87.5	35.20	-3.0
NV94RMF86 R	Cvid	86	-422.5	-5.70	18.70	422.5	X	87.5	31.70	10.3
NV94RMF86 R	L.sp.	86	-422.5	-8.70	17.30	422.5	Y?	87.5	30.30	16.3
NV94RMF86 R	Pvar	86	-422.5	-6.80	18.80	422.5	X?	87.5	31.80	9.9
NV94RMF86 S	Ccaud	86	-417.5	-7.00	20.70	417.5	Y	92.5	33.70	2.5
NV94RMF86 S	Ccaud	86	-417.5	-6.00	19.80	417.5	Y	92.5	32.80	5.9
NV94RMF86 S	Cvid	86	-417.5	-6.00	19.10	417.5	X	92.5	32.10	8.7
NV94RMF86 S	L.sp.	86	-417.5	-7.40	19.30	417.5	Y?	92.5	32.30	7.9
NV94RMF86 S	Pvar	86	-417.5	-6.30	18.80	417.5	X?	92.5	31.80	9.9
NV94RMF86 T	Ccaud	86	-412.5	-6.90	18.80	412.5	Y	97.5	31.80	9.9
NV94RMF86 T	Ccaud	86	-412.5	-6.90	18.80	412.5	Y	97.5	31.80	9.9
NV94RMF86 T	Cvid	86	-412.5	-6.00	19.10	412.5	X	97.5	32.10	8.7

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		NV94RMF86 T	L.sp.	86	-412.5	-7.70	18.30	412.5	Y?	97.5	31.30	12.0
		NV94RMF86 T	Pvar	86	-412.5	-6.70	18.00	412.5	X?	97.5	31.00	13.3
		NV94RMF86 T	Pvar	86	-412.5	-6.70	17.70	412.5	X?	97.5	30.70	14.5
		NV94RMF86 U	Ccaud	86	-407.5	-5.90	20.00	407.5	Y	102.5	33.00	5.2
		NV94RMF86 U	Cvid	86	-407.5	-4.00	18.50	407.5	X	102.5	31.50	11.2
		NV94RMF86 U	L.sp.	86	-407.5	-7.60	18.20	407.5	Y?	102.5	31.20	12.4
		NV94RMF86 U	Pvar	86	-407.5	-6.60	18.30	407.5	X?	102.5	31.30	12.0
		NV94RMF86 V	Ccaud	86	-402.5	-5.80	20.90	402.5	Y	107.5	33.90	1.7
		NV94RMF86 V	Cvid	86	-402.5	-6.40	17.90	402.5	X	107.5	30.90	13.7
		NV94RMF86 V	Hincon	86	-402.5	-5.10	21.80	402.5	S	107.5	34.80	-1.6
		NV94RMF86 V	Hincon	86	-402.5	-4.50	21.50	402.5	S	107.5	34.50	-0.5
		NV94RMF86 V	L.sp.	86	-402.5	-8.10	17.80	402.5	Y?	107.5	30.80	14.1
		NV94RMF86 V	Pvar	86	-402.5	-6.50	17.90	402.5	X?	107.5	30.90	13.7
		NV94RMF86 W	Ccaud	86	-397.5	-6.80	20.70	397.5	Y	112.5	33.70	2.5
		NV94RMF86 W	Cvid	86	-397.5	-5.40	19.20	397.5	X	112.5	32.20	8.3
		NV94RMF86 W	L.sp.	86	-397.5	-7.30	18.50	397.5	Y?	112.5	31.50	11.2
		NV94RMF86 W	Pvar	86	-397.5	-6.00	18.70	397.5	X?	112.5	31.70	10.3
b- 8-1998/0	25286	3 X/C VID/WHELAN	Cvid	86	-392.5	-4.11	19.33	392.5	X	117.5	32.33	7.8
b- 8-1998/0	25285	X/H INCON/WHELAN	Hincon	86	-392.5	-5.92	18.41	392.5	S	117.5	31.41	11.6
b- 8-1998/0	25284	X/L PARA/WHELAN	Lpara	86	-392.5	-7.37	19.00	392.5	Y?	117.5	32.00	9.1
b- 8-1998/0	25287	3 X/P VAR/WHELAN	Pvar	86	-392.5	-4.90	18.57	392.5	X?	117.5	31.57	10.9
b- 8-1998/1	25298	3 Y/C VID/WHELAN	Cvid	86	-387.5	-5.73	18.49	387.5	X	122.5	31.49	11.2
b- 8-1998/1	25299	Y/H INCON/WHELAN	Hincon	86	-387.5	-6.75	19.57	387.5	S	122.5	32.57	6.9
b- 8-1998/1	25297	Y/L PARA/WHELAN	Lpara	86	-387.5	-8.28	18.27	387.5	Y?	122.5	31.27	12.1
b- 8-1998/1	25300	3 Y/P. VAR/WHELAN	Pvar	86	-387.5	-5.85	19.28	387.5	X?	122.5	32.28	8.0
b- 8-1998/1	25301	3 Z/LPARA/WHELAN	Lpara	86	-382.5	-7.74	18.48	382.5	Y?	127.5	31.48	11.3
b- 8-1998/1	25302	3 Z/P VAR/WHELAN	Pvar	86	-382.5	-5.13	18.57	382.5	X?	127.5	31.57	10.9
b- 8-1998/1	25304	3 AA/C VID/WHELAN	Cvid	86	-377.5	-6.43	18.85	377.5	X	132.5	31.85	9.7
b- 8-1998/1	25303	AA/L PARA/WHELAN	Lpara	86	-377.5	-8.46	17.74	377.5	Y?	132.5	30.74	14.4
b- 8-1998/1	25305	AA/P VAR/WHELAN	Pvar	86	-377.5	-6.19	17.89	377.5	X?	132.5	30.89	13.7
b- 8-1998/0	25291	AB/C CAUD/WHELAN	Ccaud	86	-372.5	-8.26	19.84	372.5	Y	137.5	32.84	5.8
b- 8-1998/0	25290	3 AB/C VID/WHELAN	Cvid	86	-372.5	-6.47	18.43	372.5	X	137.5	31.43	11.5
b- 8-1998/0	25289	AB/L PARAR/WHELAN	Lpara	86	-372.5	-8.38	18.88	372.5	Y?	137.5	31.88	9.6

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b- 8-1998/0	25292	AB/P VAR/WHELAN	Pvar	86	-372.5	-6.77	18.59	372.5	X?	137.5	31.59	10.8
b- 8-1998/0	25288	AB/ SMEAD/WHELAN	Smead	86	-372.5	-6.52	18.46	372.5	Y	137.5	31.46	11.3
b- 8-1998/1	25307	AC/C. N. SP./WHELAN	C.n.sp.	86	-367.5	-8.42	20.41	367.5	Z	142.5	33.41	3.6
b- 8-1998/1	25308	AC/C VID/WHELAN	Cvid	86	-367.5	-7.61	18.17	367.5	X	142.5	31.17	12.5
b- 8-1998/1	25309	AC/H INCON/WHELAN	Hincon	86	-367.5	-5.53	18.70	367.5	S	142.5	31.70	10.3
b- 8-1998/1	25306	AC/LPARA/WHELAN	Lpara	86	-367.5	-7.99	19.08	367.5	Y?	142.5	32.08	8.8
b- 8-1998/1	25312	AD/C VOD/WHELAN	Cvid	86	-362.5	-5.84	19.41	362.5	X	147.5	32.41	7.5
b- 8-1998/2	25313	AD/H INCON/WHELAN	Hincon	86	-362.5	-6.09	19.21	362.5	S	147.5	32.21	8.3
b- 8-1998/1	25310	AD/L PARA/WHELAN	Lpara	86	-362.5	-7.82	18.71	362.5	Y?	147.5	31.71	10.3
b- 8-1998/1	25311	AD/P GLOB/WHELAN	Pglob	86	-362.5	-7.04	17.32	362.5	X	147.5	30.32	16.2
b- 9-1998/0	25322	AE/AQUIFER/WHELAN	aquifer	86	-357.5	-6.63	19.81	357.5	G	152.5	32.81	5.9
b- 8-1998/2	25321	AE/C VID/WHELAN	Cvid	86	-357.5	-4.60	18.02	357.5	X	152.5	31.02	13.2
b- 8-1998/2	25319	AE/L PARA/WHELAN	Lpara	86	-357.5	-8.22	17.66	357.5	Y?	152.5	30.66	14.7
b- 8-1998/2	25320	AE/P. GLOB/WHELAN	Pglob	86	-357.5	-6.90	18.36	357.5	X	152.5	31.36	11.7
b- 8-1998/2	25315	AE/C VID/WHELAN	Cvid	86	-352.5	-4.92	19.60	352.5	X	157.5	32.60	6.7
b- 8-1998/2	25314	AE/L PARA/WHELAN	Lpara	86	-352.5	-6.91	17.66	352.5	Y?	157.5	30.66	14.7
b- 8-1998/2	25316	AE/P VAR?/WHELAN	Pvar?	86	-352.5	-5.44	21.21	352.5	X?	157.5	34.21	0.6
b- 9-1998/0	25324	AG/C VID/WHELAN	Cvid	86	-347.5	-4.88	19.03	347.5	X	162.5	32.03	9.0
b- 9-1998/0	25323	AG/L PARA/WHELAN	Lpara	86	-347.5	-7.42	17.52	347.5	Y?	162.5	30.52	15.3
b- 9-1998/0	25325	AG/P VAR/WHELAN	Pvar	86	-347.5	-5.47	18.75	347.5	X?	162.5	31.75	10.1
γ-10-1998/0	25380	AQ/AQUIFER/WHELAN	aquifer	86	-282.5	-7.48	20.39	282.5	G	227.5	33.39	3.7
γ-10-1998/0	25379	AQ/C NSP/WHELAN	C.n.sp.	86	-282.5	-7.26	22.04	282.5	Z	227.5	35.04	-2.4
γ-10-1998/0	25377	AQ/C VID/WHELAN	Cvid	86	-282.5	-7.17	18.05	282.5	X	227.5	31.05	13.0
γ-10-1998/0	25378	AQ/L PARA/WHELAN	Lpara	86	-282.5	-8.27	18.25	282.5	Y?	227.5	31.25	12.2
γ-10-1998/0	25383	AR/C NSP/WHELAN	C.n.sp.	86	-277.5	-7.46	21.26	277.5	Z	232.5	34.26	0.4
γ-10-1998/0	25384	AR/C RAW/WHELAN	Craw	86	-277.5	-6.82	19.45	277.5	X	232.5	32.45	7.3
γ-10-1998/0	25381	AR/C VID/WHELAN	Cvid	86	-277.5	-6.05	18.06	277.5	X	232.5	31.06	13.0
γ-10-1998/0	25382	AR/L PARA/WHELAN	Lpara	86	-277.5	-7.54	18.87	277.5	Y?	232.5	31.87	9.7
		NV94RMF86 AS	Craw	86	-272.5	-6.10	20.00	272.5	X	237.5	33.00	5.2
		NV94RMF86 AS	Pglob	86	-272.5	-6.60	17.50	272.5	X	237.5	30.50	15.4
γ-10-1998/0	25373	6 AT/PISI/WHELAN	bivalve	86	-267.5	-10.43	17.77	267.5	M	242.5	30.77	14.2
γ-10-1998/0	25371	6 AT/C VID/WHELAN	Cvid	86	-267.5	-6.72	16.54	267.5	X	242.5	29.54	19.6
γ-10-1998/0	25372	6 AT/L PARA/WHELAN	Lpara	86	-267.5	-8.85	17.45	267.5	Y?	242.5	30.45	15.6

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3-10-1998/C	25375	AT/L PARA/WHELAN	Lpara	86	-267.5	-8.43	18.05	267.5	Y?	242.5	31.05	13.1
3-10-1998/1	25392	6 AU/PISI/WHELAN	bivalve	86	-262.5	-7.54	17.56	262.5	M	247.5	30.56	15.1
3-10-1998/1	25391	AU/ C RAW/WHELAN	Craw	86	-262.5	-5.68	18.95	262.5	X	247.5	31.95	9.3
3-10-1998/1	25389	AU/C VID/WHELAN	Cvid	86	-262.5	-5.67	17.39	262.5	X	247.5	30.39	15.9
3-10-1998/1	25393	AU/L PARA/WHELAN	Lpara	86	-262.5	-8.60	17.95	262.5	Y?	247.5	30.95	13.5
3-10-1998/1	25390	AU/L PARA/WHELAN	Lpara	86	-262.5	-8.54	16.91	262.5	Y?	247.5	29.91	18.0
3-10-1998/C	25374	AV/C VID/WHELAN	Cvid	86	-257.5	-6.49	17.67	257.5	X	252.5	30.67	14.7
b- 9-1998/2	25370	6 AW/PISI/WHELAN	bivalve	86	-252.5	-6.97	17.71	252.5	M	257.5	30.71	14.5
b- 9-1998/2	25369	6 AW/PISI/WHELAN	bivalve	86	-252.5	-6.41	20.52	252.5	M	257.5	33.52	3.2
b- 9-1998/2	25368	AW/C CAUD/WHELAN	Ccaud	86	-252.5	-8.62	18.39	252.5	Y	257.5	31.39	11.6
b- 9-1998/2	25367	AW/LPARA/WHELAN	Lpara	86	-252.5	-8.60	17.06	252.5	Y?	257.5	30.06	17.3
b- 9-1998/2	25365	6 AX/PISI/WHELAN	bivalve	86	-247.5	-6.80	16.26	247.5	M	262.5	29.26	20.9
b- 9-1998/2	25366	AX/C VID/WHELAN	Cvid	86	-247.5	-6.51	17.03	247.5	X	262.5	30.03	17.5
b- 9-1998/1	25361	AX/L PARA/WHELAN	Lpara	86	-247.5	-7.77	16.42	247.5	Y?	262.5	29.42	20.2
b- 9-1998/1	25362	AX/S MEAD/WHELAN	Smead	86	-247.5	-6.51	16.89	247.5	Y	262.5	29.89	18.0
b- 9-1998/1	25357	AY/C CAUD/WHELAN	Ccaud	86	-242.5	-6.18	19.47	242.5	Y	267.5	32.47	7.2
b- 9-1998/1	25360	AY/C VID/WHELAN	Cvid	86	-242.5	-6.08	16.72	242.5	X	267.5	29.72	18.8
b- 9-1998/1	25359	AY/L PARA/WHELAN	Lpara	86	-242.5	-8.47	17.22	242.5	Y?	267.5	30.22	16.6
b- 9-1998/1	25358	AY/L PARA/WHELAN	Lpara	86	-242.5	-7.93	17.37	242.5	Y?	267.5	30.37	16.0
b- 9-1998/1	25354	AZ/PISIPLA/WHELAN	bivalve	86	-237.5	-8.43	18.13	237.5	M	272.5	31.13	12.7
b- 9-1998/1	25356	AZ/C CAUD/WHELAN	Ccaud	86	-237.5	-6.51	19.43	237.5	Y	272.5	32.43	7.4
b- 9-1998/1	25349	AZ/C CAUD/WHELAN	Ccaud	86	-237.5	-6.08	18.06	237.5	Y	272.5	31.06	13.0
b- 9-1998/1	25352	AZ/C VID/WHELAN	Cvid	86	-237.5	-5.88	17.00	237.5	X	272.5	30.00	17.6
b- 9-1998/1	25355	AZ/H INCON/WHELAN	Hincon	86	-237.5	-5.38	18.04	237.5	S	272.5	31.04	13.1
b- 9-1998/1	25351	AZ/L APRA/WHELAN	Lpara	86	-237.5	-8.32	16.87	237.5	Y?	272.5	29.87	18.1
b- 9-1998/1	25353	AZ/P VAR/WHELAN	Pvar	86	-237.5	-6.06	16.97	237.5	X?	272.5	29.97	17.7
b- 9-1998/1	25350	AZ/S MEAD/WHELAN	Smead	86	-237.5	-6.36	17.59	237.5	Y	272.5	30.59	15.0
b- 9-1998/1	25348	86 BA//WHELAN	bivalve	86	-232.5	-6.88	18.74	232.5	M	277.5	31.74	10.2
b- 9-1998/1	25347	3A/C CAUD/WHELAN	Ccaud	86	-232.5	-7.61	19.87	232.5	Y	277.5	32.87	5.7
b- 9-1998/C	25337	6 BB/PISI/WHELAN	bivalve	86	-227.5	-7.49	27.27	227.5	M	282.5	40.27	-19.4
b- 9-1998/1	25343	6 BC/PISI/WHELAN	bivalve	86	-222.5	-5.83	19.56	222.5	M	287.5	32.56	6.9
b- 9-1998/1	25346	IC/C AMPLA/WHELAN	Camp	86	-222.5	-4.79	17.68	222.5	X	287.5	30.68	14.6
b- 9-1998/1	25345	3C/C CAUD/WHELAN	Ccaud	86	-222.5	-7.37	19.47	222.5	Y	287.5	32.47	7.2

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b- 9-1998/1	25344	BC/L APRA/WHELAN	Lpara	86	-222.5	-8.38	17.06	222.5	Y?	287.5	30.06	17.3
b- 9-1998/0	25338	BD/PISI/WHELAN	bivalve	86	-217.5	-5.27	18.87	217.5	M	292.5	31.87	9.6
b- 9-1998/0	25336	BD/C AMPLA/WHELAN	Camp	86	-217.5	-4.04	17.11	217.5	X	292.5	30.11	17.1
b- 9-1998/0	25335	BD/L PARA/WHELAN	Lpara	86	-217.5	-8.75	17.09	217.5	Y?	292.5	30.09	17.2
b- 9-1998/0	25334	BD/N.EN.N.SP./WHELAN	N.g.n.sp.	86	-217.5	-6.73	20.34	217.5	Z	292.5	33.34	3.9
b- 9-1998/0	25333	BD/BE/PISI/WHELAN	bivalve	86	-212.5	-6.54	22.33	212.5	M	297.5	35.33	-3.4
b- 9-1998/0	25332	BD/E/N.EN.N.SP./WHELAN	N.g.n.sp.	86	-212.5	-7.32	19.87	212.5	Z	297.5	32.87	5.7
b- 9-1998/0	25331	BD/BG/ PISI/WHELAN	bivalve	86	-202.5	-7.39	16.95	202.5	M	307.5	29.95	17.8
b- 9-1998/0	25328	BD/G/C AMPLA/WHELAN	Camp	86	-202.5	-3.88	17.00	202.5	X	307.5	30.00	17.6
b- 9-1998/0	25329	BD/3G/C CAUD/WHELAN	Ccaud	86	-202.5	-6.89	17.95	202.5	Y	307.5	30.95	13.5
b- 9-1998/0	25330	BD/BG/C VID/WHELAN	Cvid	86	-202.5	-5.36	18.87	202.5	X	307.5	31.87	9.7
b- 9-1998/0	25327	BD/4H/C AMPLA/WHELAN	Camp	86	-197.5	-4.98	17.48	197.5	X	312.5	30.48	15.5
b- 9-1998/0	25326	BD/5BH/C VID/WHELAN	Cvid	86	-197.5	-5.16	18.00	197.5	X	312.5	31.00	13.3
b- 7-1998/1	25264	BD/6 BI/PISI/WHELAN	bivalve	86	-192.5	-7.43	18.24	192.5	M	317.5	31.24	12.2
b- 7-1998/1	25262	BD/3I/C AMPLA/WHELAN	Camp	86	-192.5	-4.73	17.20	192.5	X	317.5	30.20	16.7
b- 7-1998/1	25265	BD/BI/C CAUD/WHELAN	Ccaud	86	-192.5	-5.97	17.74	192.5	Y	317.5	30.74	14.4
b- 7-1998/1	25263	BD/BI/C RAW/WHELAN	Craw	86	-192.5	-6.01	17.33	192.5	X	317.5	30.33	16.1
b- 7-1998/1	25267	BD/3 BI/C VID/WHELAN	Cvid	86	-192.5	-4.09	17.81	192.5	X	317.5	30.81	14.0
b- 7-1998/1	25266	BD/BI/S MEAD/WHELAN	Smead	86	-192.5	-5.74	16.21	192.5	Y	317.5	29.21	21.1
b- 7-1998/2	25274	BD/6 BJ/PISI/WHELAN	bivalve	86	-187.5	-7.41	17.64	187.5	M	322.5	30.64	14.8
b- 7-1998/2	25269	BD/3J/C AMPLA/WHELAN	Camp	86	-187.5	-4.66	17.00	187.5	X	322.5	30.00	17.6
b- 7-1998/2	25270	BD/BJ/C CAUD/WHELAN	Ccaud	86	-187.5	-5.39	17.81	187.5	Y	322.5	30.81	14.1
b- 7-1998/2	25273	BD/BJ /C RAW/WHELAN	Craw	86	-187.5	-8.04	17.42	187.5	X	322.5	30.42	15.7
b- 7-1998/2	25275	BD/3 BJ/C VID/WHELAN	Cvid	86	-187.5	-4.58	17.08	187.5	X	322.5	30.08	17.2
b- 7-1998/2	25276	BD/BJ/L PARA/WHELAN	Lpara	86	-187.5	-9.09	16.51	187.5	Y?	322.5	29.51	19.8
b- 7-1998/1	25268	BD/BJ/S MEAD/WHELAN	Smead	86	-187.5	-4.37	19.11	187.5	Y	322.5	32.11	8.7
b- 8-1998/0	25281	BD/6 BK/PIDI/WHELAN	bivalve	86	-182.5	-6.63	19.37	182.5	M	327.5	32.37	7.6
b- 8-1998/0	25279	BD/3K/C AMPLA/WHELAN	Camp	86	-182.5	-4.83	16.88	182.5	X	327.5	29.88	18.1
b- 8-1998/0	25278	BD/3K/C CAUD/WHELAN	Ccaud	86	-182.5	-8.15	17.55	182.5	Y	327.5	30.55	15.2
b- 8-1998/0	25283	BD/BK/C RAW/WHELAN	Craw	86	-182.5	-5.53	19.15	182.5	X	327.5	32.15	8.5
b- 8-1998/0	25282	BD/3 BK/C VID/WHELAN	Cvid	86	-182.5	-4.96	17.04	182.5	X	327.5	30.04	17.4
b- 8-1998/0	25280	BD/BK/L PARA/WHELAN	Lpara	86	-182.5	-8.13	16.25	182.5	Y?	327.5	29.25	21.0
b- 8-1998/0	25277	BD/3K/S MEAD/WHELAN	Smead	86	-182.5	-4.94	17.18	182.5	Y	327.5	30.18	16.8



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g-12-1998/1	25485	BL/C CAUD/WHELAN	Ccaud	86	-177.5	-8.31	16.68	177.5	Y	332.5	29.68	19.0
g-12-1998/1	25482	BL/C SEREN/WHELAN	Cser	86	-177.5	-7.43	17.65	177.5	X	332.5	30.65	14.7
g-12-1998/1	25483	BL/C VID/WHELAN	Cvid	86	-177.5	-6.46	21.19	177.5	X	332.5	34.19	0.6
g-12-1998/1	25484	BL/S MEAD/WHELAN	Smead	86	-177.5	-4.77	17.21	177.5	Y	332.5	30.21	16.7
g-12-1998/1	25488	BM/BIVALVE/WHELAN	bivalve	86	-172.5	-4.88	17.53	172.5	M	337.5	30.53	15.3
g-12-1998/1	25487	BM/C RAW/WHELAN	Craw	86	-172.5	-4.60	17.37	172.5	X	337.5	30.37	16.0
g-12-1998/1	25486	BM/C EREN/WHELAN	Cser	86	-172.5	-4.67	18.19	172.5	X	337.5	31.19	12.5
g-12-1998/1	25489	BM/C VID/WHELAN	Cvid	86	-172.5	-4.99	19.57	172.5	X	337.5	32.57	6.8
b-11-1998/'	25435	BM/BIV FRAGS/WHELAN	bivalve	86	-167.5	-5.72	17.02	167.5	M	342.5	30.02	17.5
b-11-1998/'	25436	BM/C CAUD/WHELAN	Ccaud	86	-167.5	-8.52	18.93	167.5	Y	342.5	31.93	9.4
b-11-1998/'	25434	BM/C SEREN/WHELAN	Cser	86	-167.5	-4.32	16.70	167.5	X	342.5	29.70	18.9
b-11-1998/'	25445	BM/BIV FRAGS/WHELAN	bivalve	86	-162.5	-7.34	16.94	162.5	M	347.5	29.94	17.9
b-11-1998/'	25443	BM/BIV FRAGS/WHELAN	bivalve	86	-162.5	-6.70	19.41	162.5	M	347.5	32.41	7.5
b-11-1998/'	25439	BM/O/C ACUM/WHELAN	Cacum	86	-162.5	-6.68	19.19	162.5	S	347.5	32.19	8.3
b-11-1998/'	25437	BM/O/C CAUD/WHELAN	Ccaud	86	-162.5	-7.15	17.26	162.5	Y	347.5	30.26	16.4
b-11-1998/'	25444	BM/O/C SEREN/WHELAN	Cser	86	-162.5	-4.26	17.00	162.5	X	347.5	30.00	17.6
b-11-1998/'	25441	BM/O/L PARA/WHELAN	Lpara	86	-162.5	-8.04	16.61	162.5	Y?	347.5	29.61	19.3
b-11-1998/'	25442	BM/NGENNSP/WHELAN	N.g.n.sp.	86	-162.5	-6.25	19.31	162.5	Z	347.5	32.31	7.9
b-11-1998/'	25440	BM/O/S MEAD/WHELAN	Smead	86	-162.5	-4.42	17.68	162.5	Y	347.5	30.68	14.6
b-11-1998/'	25452	BM/BIV FRAGS/WHELAN	bivalve	86	-152.5	-7.40	18.66	152.5	M	357.5	31.66	10.5
b-11-1998/'	25446	BM/BQ/PISI/WHELAN	bivalve	86	-152.5	-6.91	17.64	152.5	M	357.5	30.64	14.8
b-11-1998/'	25449	BM/BQ/PISI/WHELAN	bivalve	86	-152.5	-6.34	17.60	152.5	M	357.5	30.60	15.0
b-11-1998/'	25448	BM/Q/C SEREN/WHELAN	Cser	86	-152.5	-4.95	17.35	152.5	X	357.5	30.35	16.0
b-11-1998/'	25447	BM/BQ/L PARA/WHELAN	Lpara	86	-152.5	-7.58	16.60	152.5	Y?	357.5	29.60	19.4
b-11-1998/'	25450	BM/R/C SERREN/WHELAN	Cser	86	-147.5	-4.45	17.74	147.5	X	362.5	30.74	14.4
b-11-1998/'	25456	BM/BR/C VID/WHELAN	Cvid	86	-147.5	-5.01	17.15	147.5	X	362.5	30.15	16.9
b-11-1998/'	25453	BM/BR/L PARA/WHELAN	Lpara	86	-147.5	-7.92	16.51	147.5	Y?	362.5	29.51	19.8
b-11-1998/'	25451	BM/BR/S MEAD/WHELAN	Smead	86	-147.5	-4.87	19.86	147.5	Y	362.5	32.86	5.7
g-12-1998/C	25460	BM/BIV FRAGS/WHELAN	bivalve	86	-142.5	-7.44	16.91	142.5	M	367.5	29.91	18.0
g-12-1998/C	25457	BM/BS/C AMPLA/WHELAN	Camp	86	-142.5	-4.46	17.26	142.5	X	367.5	30.26	16.4
g-12-1998/C	25459	BM/BS/C VID/WHELAN	Cvid	86	-142.5	-3.79	17.52	142.5	X	367.5	30.52	15.3
g-12-1998/C	25461	BM/BS/L PARA/WHELAN	Lpara	86	-142.5	-7.56	16.75	142.5	Y?	367.5	29.75	18.7
g-12-1998/C	25458	BM/BS/S MEAD/WHELAN	Smead	86	-142.5	-4.99	18.68	142.5	Y	367.5	31.68	10.4

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3-12-1998/C	25467	3V/BIVALVE/WHELAN	bivalve	86	-127.5	-7.36	16.46	127.5	M	382.5	29.46	20.0
3-12-1998/C	25465	3V/C CAUD/WHELAN	Ccaud	86	-127.5	-5.72	17.08	127.5	Y	382.5	30.08	17.2
3-12-1998/C	25462	3V/C SEREN/WHELAN	Cser	86	-127.5	-3.91	18.00	127.5	X	382.5	31.00	13.3
3-12-1998/C	25464	3BV/C VID/WHELAN	Cvid	86	-127.5	-4.77	17.59	127.5	X	382.5	30.59	15.0
3-12-1998/C	25463	3BV/L PARA/WHELAN	Lpara	86	-127.5	-7.89	17.12	127.5	Y?	382.5	30.12	17.1
3-12-1998/C	25466	3V/S MEAD/WHELAN	Smead	86	-127.5	-4.71	17.48	127.5	Y	382.5	30.48	15.5
3-12-1998/C	25468	3V/S MEAD/WHELAN	Smead	86	-127.5	-4.44	17.00	127.5	Y	382.5	30.00	17.6
3-12-1998/2	25497	33 BW/PISI/WHELAN	bivalve	86	-122.5	-5.04	19.30	122.5	M	387.5	32.30	7.9
3-12-1998/2	25499	33W/C CAUD/WHELAN	Ccaud	86	-122.5	-5.33	17.44	122.5	Y	387.5	30.44	15.7
3-12-1998/1	25496	33W/C SEREN/WHELAN	Cser	86	-122.5	-7.42	17.16	122.5	X	387.5	30.16	16.9
3-12-1998/2	25498	33W/C VID/WHELAN	Cvid	86	-122.5	-6.79	21.52	122.5	X	387.5	34.52	-0.5
3-12-1998/1	25495	33W/L PARA/WHELAN	Lpara	86	-122.5	-7.23	16.81	122.5	Y?	387.5	29.81	18.4
3-12-1998/1	25493	33X/AQUIFER/WHELAN	aquifer	86	-117.5	-5.59	19.17	117.5	G	392.5	32.17	8.4
3-12-1998/1	25492	336 BX/PISI/WHELAN	bivalve	86	-117.5	-4.69	17.25	117.5	M	392.5	30.25	16.5
3-12-1998/C	25469	33X/C CAUD/WHELAN	Ccaud	86	-117.5	-5.79	19.29	117.5	Y	392.5	32.29	7.9
3-12-1998/1	25494	33X/C SEREN/WHELAN	Cser	86	-117.5	-7.57	16.66	117.5	X	392.5	29.66	19.1
3-12-1998/1	25490	33X/C SEREN/WHELAN	Cser	86	-117.5	-6.33	17.94	117.5	X	392.5	30.94	13.5
3-12-1998/C	25470	33BX/C VID//WHELAN	Cvid	86	-117.5	-4.86	17.93	117.5	X	392.5	30.93	13.5
3-12-1998/1	25491	33BX/L PARA/WHELAN	Lpara	86	-117.5	-5.20	17.60	117.5	Y?	392.5	30.60	15.0
3-12-1998/2	25505	33Y/AQUIFER/WHELAN	aquifer	86	-112.5	-4.38	17.46	112.5	G	397.5	30.46	15.6
3-12-1998/2	25504	336 BY/PISI/WHELAN	bivalve	86	-112.5	-4.78	16.90	112.5	M	397.5	29.90	18.0
-13-1998/0	25510	33Y/C AMPLA/WHELAN	Camp	86	-112.5	-7.43	18.22	112.5	X	397.5	31.22	12.3
-13-1998/0	25506	33Y/C AMPLA/WHELAN	Camp	86	-112.5	-4.04	17.93	112.5	X	397.5	30.93	13.6
3-12-1998/2	25503	33Y/C CAUD/WHELAN	Ccaud	86	-112.5	-10.20	18.62	112.5	Y	397.5	31.62	10.7
3-12-1998/2	25502	33BY/C RAW/WHELAN	Craw	86	-112.5	-7.65	20.44	112.5	X	397.5	33.44	3.5
-13-1998/0	25508	33BY/C VID/WHELAN	Cvid	86	-112.5	-4.85	17.10	112.5	X	397.5	30.10	17.1
-13-1998/0	25507	33Y/ L PARA/WHELAN	Lpara	86	-112.5	-8.40	19.07	112.5	Y?	397.5	32.07	8.8
-13-1998/0	25509	33Y/S MEAD/WHELAN	Smead	86	-112.5	-6.50	19.11	112.5	Y	397.5	32.11	8.7
-13-1998/0	25517	336 BZ/PISI/WHELAN	bivalve	86	-107.5	-8.07	16.64	107.5	M	402.5	29.64	19.2
-13-1998/0	25518	336 BZ/PISI/WHELAN	bivalve	86	-107.5	-4.14	17.17	107.5	M	402.5	30.17	16.8
-13-1998/0	25512	33Z/C CAUD/WHELAN	Ccaud	86	-107.5	-4.78	17.56	107.5	Y	402.5	30.56	15.1
-13-1998/0	25515	33BZ/C RAW/WHELAN	Craw	86	-107.5	-6.40	21.76	107.5	X	402.5	34.76	-1.4
-13-1998/0	25514	33Z/C SEREN/WHELAN	Cser	86	-107.5	-6.68	17.63	107.5	X	402.5	30.63	14.8

TABLE DR1. OCI-11 ISOTOPES

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-13-1998/0:	25513	BZ/C VID/WHELAN	Cvid	86	-107.5	-7.71	16.51	107.5	X	402.5	29.51	19.8
-13-1998/0:	25516	BZ/L PARA/WHELAN	Lpara	86	-107.5	-4.43	17.47	107.5	Y?	402.5	30.47	15.5
-13-1998/0:	25511	BZ/S MEAD/WHELAN	Smead	86	-107.5	-4.21	18.02	107.5	Y	402.5	31.02	13.2
-13-1998/1:	25544	CA/C CAUD/WHELAN	Ccaud	86	-102.5	-7.02	17.00	102.5	Y	407.5	30.00	17.6
-13-1998/2:	25549	CA/C SEREN/WHELAN	Cser	86	-102.5	-4.76	17.30	102.5	X	407.5	30.30	16.2
-13-1998/1:	25543	CA/C SEREN/WHELAN	Cser	86	-102.5	-4.23	17.57	102.5	X	407.5	30.57	15.1
-13-1998/1:	25545	CA/C VID/WHELAN	Cvid	86	-102.5	-5.65	18.56	102.5	X	407.5	31.56	10.9
-13-1998/1:	25541	CA/L PARA/WHELAN	Lpara	86	-102.5	-7.86	16.72	102.5	Y?	407.5	29.72	18.8
-13-1998/1:	25542	CA/S MEAD/WHELAN	Smead	86	-102.5	-4.55	18.39	102.5	Y	407.5	31.39	11.6
-13-1998/1:	25540	CB/PISI/WHELAN	bivalve	86	-97.5	-7.31	17.04	97.5	M	412.5	30.04	17.4
-13-1998/1:	25535	CB/C CAUD/WHELAN	Ccaud	86	-97.5	-6.35	18.83	97.5	Y	412.5	31.83	9.8
-13-1998/1:	25538	CB/C RAW/WHELAN	Craw	86	-97.5	-5.88	19.36	97.5	X	412.5	32.36	7.7
-13-1998/1:	25536	CB/C SEREN/WHELAN	Cser	86	-97.5	-4.56	17.10	97.5	X	412.5	30.10	17.2
-13-1998/1:	25537	CB/C VID/WHELAN	Cvid	86	-97.5	-5.19	17.02	97.5	X	412.5	30.02	17.5
-13-1998/1:	25533	CB/L PARA/WHELAN	Lpara	86	-97.5	-7.65	17.24	97.5	Y?	412.5	30.24	16.5
-13-1998/1:	25539	CB/P GLOB/WHELAN	Pglob	86	-97.5	-6.00	17.28	97.5	X	412.5	30.28	16.4
-13-1998/1:	25534	CB/S MEAD/WHELAN	Smead	86	-97.5	-5.42	17.44	97.5	Y	412.5	30.44	15.7
-13-1998/0:	25520	CC/CNSP/WHELAN	C.n.sp.	86	-92.5	-4.58	17.02	92.5	Z	417.5	30.02	17.5
-13-1998/0:	25519	CC/C CAUD/WHELAN	Ccaud	86	-92.5	-7.18	18.65	92.5	Y	417.5	31.65	10.6
-13-1998/0:	25521	CC/C SEREN/WHELAN	Cser	86	-92.5	-7.03	19.08	92.5	X	417.5	32.08	8.8
-13-1998/1:	25528	CD/C CAUD/WHELAN	Ccaud	86	-87.5	-6.96	17.14	87.5	Y	422.5	30.14	17.0
-13-1998/1:	25527	CD/C SEREN/WHELAN	Cser	86	-87.5	-5.78	17.62	87.5	X	422.5	30.62	14.9
-13-1998/1:	25526	CD/L PARA/WHELAN	Lpara	86	-87.5	-8.42	17.13	87.5	Y?	422.5	30.13	17.0
-13-1998/1:	25529	CD/L PARA/WHELAN	Lpara	86	-87.5	-8.03	16.47	87.5	Y?	422.5	29.47	19.9
-13-1998/1:	25530	CE/C VID/WHELAN	Cvid	86	-82.5	-4.99	17.66	82.5	X	427.5	30.66	14.7
-13-1998/1:	25531	CE CI/PISI/WHELAN	bivalve	86	-62.5	-8.02	17.77	62.5	M	447.5	30.77	14.2
-13-1998/1:	25532	CE CI/PISI/WHELAN	bivalve	86	-62.5	-7.09	19.13	62.5	M	447.5	32.13	8.6
3-10-1998/1:	25394	CE CJ/PISI/WHELAN	bivalve	86	-57.5	-6.98	19.51	57.5	M	452.5	32.51	7.1
3-10-1998/1:	25395	CE CL/PISI/WHELAN	bivalve	86	-47.5	-6.20	17.79	47.5	M	462.5	30.79	14.2
3-10-1998/1:	25396	CE CL/VALLON/WHELAN	Vallonia	86	-47.5	-8.80	25.09	47.5	T	462.5	38.09	-12.7
3-10-1998/1:	25398	CE CM/PISI/WHELAN	bivalve	86	-42.5	-6.37	17.57	42.5	M	467.5	30.57	15.1
3-10-1998/1:	25397	CE CM/VALL/WHELAN	Vallonia	86	-42.5	-7.54	26.34	42.5	T	467.5	39.34	-16.6
3-10-1998/1:	25399	CE CN/VALL/WHELAN	Vallonia	86	-37.5	-7.67	29.01	37.5	T	472.5	42.01	-24.3

TABLE DR1. OCI-11 ISOTOPES

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3-10-1998/1	25401	3 CO/PISI/WHELAN	bivalve	86	-32.5	-6.97	18.05	32.5	M	477.5	31.05	13.1
3-10-1998/1	25400	1 CO/VALL/WHELAN	Vallonia	86	-32.5	-7.95	28.75	32.5	T	477.5	41.75	-23.6
3-10-1998/1	25404	CP/C.N.SP./WHELAN	C.n.sp.	86	-27.5	-7.44	20.78	27.5	Z	482.5	33.78	2.2
3-10-1998/1	25403	CP/C.N.SP./WHELAN	C.n.sp.	86	-27.5	-7.38	20.25	27.5	Z	482.5	33.25	4.2
3-10-1998/1	25402	/N.GEN.N.SP./WHELAN	N.g.n.sp.	86	-27.5	-6.98	21.00	27.5	Z	482.5	34.00	1.4
3-10-1998/1	25405	CQ/C.N.SP./WHELAN	C.n.sp.	86	-22.5	-6.82	20.36	22.5	Z	487.5	33.36	3.8
3-10-1998/2	25408	CQ/C ACUM/WHELAN	Cacum	86	-22.5	-7.90	22.27	22.5	S	487.5	35.27	-3.3
3-10-1998/1	25406	/N.GEN.N.SP./WHELAN	N.g.n.sp.	86	-22.5	-7.34	20.58	22.5	Z	487.5	33.58	2.9
3-10-1998/2	25407	/N.GEN.N.SP./WHELAN	N.g.n.sp.	86	-22.5	-7.01	21.03	22.5	Z	487.5	34.03	1.3
3-10-1998/2	25412	CR/C.N.SP./WHELAN	C.n.sp.	86	-17.5	-7.75	20.56	17.5	Z	492.5	33.56	3.0
3-10-1998/2	25411	CR/C ACUM/WHELAN	Cacum	86	-17.5	-8.99	21.37	17.5	S	492.5	34.37	0.0
3-10-1998/2	25413	/N.GEN.N.SP./WHELAN	N.g.n.sp.	86	-17.5	-8.56	20.27	17.5	Z	492.5	33.27	4.1
b-11-1998/(	25415	CS/C.N.SP./WHELAN	C.n.sp.	86	-12.5	-7.76	20.45	12.5	Z	497.5	33.45	3.4
b-11-1998/(	25417	CS/C CAUD/WHELAN	Ccaud	86	-12.5	-8.35	20.92	12.5	Y	497.5	33.92	1.7
3-10-1998/2	25414	CS/C CAUD/WHELAN	Ccaud	86	-12.5	-7.99	19.98	12.5	Y	497.5	32.98	5.3
b-11-1998/(	25416	/N.GEN.N.SP./WHELAN	N.g.n.sp.	86	-12.5	-7.35	19.85	12.5	Z	497.5	32.85	5.7
b-11-1998/(	25419	CT/C.N.SP./WHELAN	C.n.sp.	86	-7.5	-8.50	21.03	7.5	Z	502.5	34.03	1.3
3-12-1998/1	25480	CT/C CAUD/WHELAN	Ccaud	86	-7.5	-5.62	19.95	7.5	Y	502.5	32.95	5.3
3-12-1998/1	25481	CT/L PARRA/WHELAN	Lpara	86	-7.5	-6.68	19.08	7.5	Y?	502.5	32.08	8.8
b-11-1998/(	25418	/N.GEN.N.SP./WHELAN	N.g.n.sp.	86	-7.5	-6.00	21.68	7.5	Z	502.5	34.68	-1.1

M=aquatic mollusc  
T= terrestrial mollusc  
X=likely lives in wetland, Craw may be evap  
S=spring, seep code  
Y= likely flowing water code  
Z=habitat unknown  
?=by any of above means habitat uncertain  
G=groundwater

TABLE DR2. LPM-35 ISOTOPE RESULTS

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date/time	spec.- no.	sample ident	taxon	section	depth_cm	d13Cpdb	d18Osmow	depth+	habitat	
3-15-1998/1	25635	AF/ PISI/WHELAN	bivalve	84	-210	-8.45	18.99	210	M	218
3-15-1998/1	25636	AF/PISI/WHELAN	bivalve	84	-210	-6.64	19.89	210	M	218
3-15-1998/1	25633	AE/PISI/WHELAN	bivalve	84	-214	-7.39	19.27	214	M	214
3-15-1998/1	25634	AE/PISI/WHELAN	bivalve	84	-214	-7.40	19.50	214	M	214
3-15-1998/1	25632	D/PISI OP/WHELAN	bivalve	84	-218	-6.85	19.67	218	M	
3-15-1998/1	25631	PISI TRANS/WHELAN	bivalve	84	-218	-6.77	19.13	218	M	
3-15-1998/1	25629	AC/PISI/WHELAN	bivalve	84	-223	-8.49	19.84	223	M	
3-15-1998/1	25630	AC/PISI/WHELAN	bivalve	84	-223	-7.48	21.32	223	M	
3-15-1998/1	25628	3/H INCON/WHELAN	Hincon	84	-227	-4.84	20.12	227	S	
3-15-1998/1	25625	AB/PISI/WHELAN	bivalve	84	-227	-8.52	19.86	227	M	
3-15-1998/1	25626	AB/PISI/WHELAN	bivalve	84	-227	-8.17	19.88	227	M	
3-15-1998/1	25627	B/S MEAD/WHELAN	Smead	84	-227	-7.49	17.99	227	Y	
3-15-1998/1	25622	AA/PISI/WHELAN	bivalve	84	-232	-7.52	20.25	232	M	
3-15-1998/1	25623	AA/PISI/WHELAN	bivalve	84	-232	-7.69	19.12	232	M	
3-15-1998/1	25624	A/S MEAD/WHELAN	Smead	84	-232	-6.15	20.27	232	Y	
3-15-1998/1	25621	J/H INCON/WHELAN	Hincon	84	-237	-5.18	21.50	237	S	
3-15-1998/1	25618	4 Z/PISI/WHELAN	bivalve	84	-237	-7.46	19.42	237	M	
3-15-1998/1	25619	4 Z/PISI/WHELAN	bivalve	84	-237	-7.56	17.73	237	M	
3-15-1998/1	25620	2/S MEAD/WHELAN	Smead	84	-237	-6.96	18.14	237	Y	
3-15-1998/2	25646	1 Y/ PISI/WHELAN	bivalve	84	-242	-8.28	19.15	242	M	
3-15-1998/2	25647	4 Y/PISI/WHELAN	bivalve	84	-242	-7.26	19.26	242	M	
b-16-1998/1	25648	1/S MEAD/WHELAN	Smead	84	-242	-6.45	19.52	242	Y	
3-15-1998/2	25644	K/C.N.SP./WHELAN	C.n.sp.	84	-247	-7.70	21.51	247	Z	
3-15-1998/2	25643	K/L PARA/WHELAN	Lpara	84	-247	-8.95	19.14	247	Y?	
3-15-1998/2	25641	4 X/PISI/WHELAN	bivalve	84	-247	-7.52	19.67	247	M	
3-15-1998/2	25642	4 X/PISI/WHELAN	bivalve	84	-247	-6.89	20.05	247	M	
3-15-1998/2	25645	1/S MEAD/WHELAN	Smead	84	-247	-6.60	19.70	247	Y	
b-16-1998/1	25652	V/C.N.SP./WHELAN	C.n.sp.	84	-252	-8.85	20.78	252	Z	
b-16-1998/1	25651	V/L PARA/WHELAN	Lpara	84	-252	-8.07	19.63	252	Y?	
b-16-1998/1	25649	1 W/PISI/WHELAN	bivalve	84	-252	-6.11	20.10	252	X	
b-16-1998/1	25650	1 W/PISI/WHELAN	bivalve	84	-252	-7.08	19.58	252	M	
3-15-1998/1	25637	4 V/PISI/WHELAN	bivalve	84	-257	-6.56	19.85	257	M	
3-15-1998/2	25640	4 V/PISI/WHELAN	bivalve	84	-257	-5.45	21.63	257	M	
b-16-1998/1	25657	T/C VID/WHELAN	Cvid	84	-265.5	-7.53	18.70	265.5	X	
b-16-1998/1	25659	Γ/C.N.SP./WHELAN	C.n.sp.	84	-265.5	-8.91	21.39	265.5	Z	
b-16-1998/1	25655	J/H INCON/WHELAN	Hincon	84	-265.5	-7.61	20.12	265.5	S	

TABLE DR2. LPM-35 ISOTOPE RESULTS

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b-16-1998/(	25658	T/LPARA/WHELAN	Lpara	84	-265.5	-8.65	19.04	265.5	Y?
b-16-1998/(	25654	NGENNSP/WHELAN	N.g.n.sp.	84	-265.5	-9.17	20.81	265.5	Z
b-16-1998/(	25656	‡ T/PISI/WHELAN	bivalve	84	-265.5	-8.12	19.10	265.5	M
b-16-1998/(	25653	‡/S MEAD/WHELAN	Smead	84	-265.5	-6.75	18.43	265.5	Y
b-16-1998/'	25668	‡ S/ PISI/WHELAN	bivalve	84	-270	-6.62	20.15	270	M
b-16-1998/'	25669	S/C VID/WHELAN	Cvid	84	-270	-6.60	19.03	270	X
b-16-1998/'	25671	S/CNSP/WHELAN	C.n.sp.	84	-270	-9.01	21.41	270	Z
b-16-1998/'	25673	‡/H INCON/WHELAN	Hincon	84	-270	-8.22	20.45	270	S
b-16-1998/'	25670	‡/L PARA/WHELAN	Lpara	84	-270	-8.81	19.01	270	Y?
b-16-1998/'	25667	‡ S/PSIS/WHELAN	bivalve	84	-270	-6.73	20.39	270	M
b-16-1998/'	25672	‡/S MEAD/WHELAN	Smead	84	-270	-5.64	18.93	270	Y
‡-15-1998/C	25611	R/C VID/WHELAN	Cvid	84	-275	-6.81	18.92	275	X
‡-15-1998/C	25613	R/C.N.SP./WHELAN	C.n.sp.	84	-275	-6.53	21.94	275	Z
b-16-1998/'	25666	‡/H INCON/WHELAN	Hincon	84	-275	-8.64	21.10	275	S
‡-15-1998/C	25612	R/L PARA/WHELAN	Lpara	84	-275	-8.84	19.41	275	Y?
b-16-1998/'	25664	NGENNSP/WHELAN	N.g.n.sp.	84	-275	-7.51	21.52	275	Z
b-16-1998/'	25665	NGENNSP/WHELAN	N.g.n.sp.	84	-275	-7.63	21.99	275	Z
‡-15-1998/C	25609	‡ R/PISI/WHELAN	bivalve	84	-275	-6.75	20.14	275	M
‡-15-1998/C	25610	‡ R/PISI/WHELAN	bivalve	84	-275	-7.41	19.55	275	M
b-16-1998/'	25663	R/S MEAD/WHELAN	Smead	84	-275	-5.94	20.25	275	Y
‡-15-1998/C	25605	Q/C VID/WHELAN	Cvid	84	-280	-7.08	18.46	280	X
‡-15-1998/C	25607	‡/C.N.SP./WHELAN	C.n.sp.	84	-280	-8.18	21.20	280	Z
‡-15-1998/C	25608	‡/H INCON/WHELAN	Hincon	84	-280	-6.96	20.16	280	S
‡-15-1998/C	25606	‡/L PARA/WHELAN	Lpara	84	-280	-8.21	19.20	280	Y?
‡-15-1998/C	25603	‡ Q/PISI/WHELAN	bivalve	84	-280	-6.11	19.69	280	M
‡-15-1998/C	25604	‡ Q/PISI/WHELAN	bivalve	84	-280	-7.51	18.84	280	M
‡-14-1998/0	25565	P/C VID/WHELAN	Cvid	84	-285	-6.44	18.99	285	X
‡-14-1998/0	25566	P/C VID/WHELAN	Cvid	84	-285	-5.43	18.63	285	X
‡-14-1998/0	25567	‡/L PARA/WHELAN	Lpara	84	-285	-7.06	19.63	285	Y?
‡-14-1998/0	25564	‡ P/PISI/WHELAN	bivalve	84	-285	-8.17	18.85	285	M
‡-14-1998/0	25563	‡ P/PSIS/WHELAN	bivalve	84	-285	-6.32	19.47	285	M
‡-14-1998/0	25562	O/C VID/WHELAN	Cvid	84	-290	-7.32	18.47	290	X
‡-14-1998/0	25560	‡ O/PISI/WHELAN	bivalve	84	-290	-7.54	18.13	290	M
‡-14-1998/0	25561	‡ O/PISI/WHELAN	bivalve	84	-290	-7.63	19.18	290	M
‡-14-1998/0	25558	‡ N/PISI/WHELAN	bivalve	84	-295	-8.11	18.34	295	M
‡-14-1998/0	25559	‡ N/PISI/WHELAN	bivalve	84	-295	-7.14	20.17	295	M
‡-14-1998/0	25557	‡/C.N.SP./WHELAN	C.n.sp.	84	-300	-6.87	21.29	300	Z

TABLE DR2. LPM-35 ISOTOPE RESULTS

DR# 2003070

)-14-1998/0	25555	† M/PISI/WHELAN	bivalve	84	-300	-7.43	18.61	300	M
)-14-1998/0	25556	† M/PISI/WHELAN	bivalve	84	-300	-5.37	20.08	300	M
-13-1998/2:	25553	4 L/PISI/WHELAN	bivalve	84	-305	-6.14	18.75	305	M
-13-1998/2:	25554	4 L/PISI/WHELAN	bivalve	84	-305	-7.67	19.33	305	M
-13-1998/2:	25551	4 K/PISI/WHELAN	bivalve	84	-310	-6.44	18.56	310	M
-13-1998/2:	25552	4 K/PISI/WHELAN	bivalve	84	-310	-6.56	19.87	310	M
-13-1998/2:	25550	4 J/PISI/WHELAN	bivalve	84	-315	-6.18	19.23	315	M

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TABLE DR2. LPM-35 ISOTOPE RESULTS

DR# 2003070

S=spring, seep code

?=by any of above means habitat uncertain

Z=habitat unknown

G=groundwater

T= terrestrial mollusc

X=likely lives in wetland, Craw may be evap

Y= likely flowing water code

TABLE DR2. LPM-35 ISOTOPE RESULTS

DR# 2003070

TABLE DR2. LPM-35 ISOTOPE RESULTS

DR# 2003070

M=aquatic mollusc

TABLE DR3. LPM-34 ISOTOPE RESULTS

DR# 2003070

sample ident	taxon	section	depth	d13Cpdb	d18Osmow	depth+100	habitat
RMF93NV71h	Ccaud	71	50	-6.7	18.6	150	Y
RMF93NV71h	Cyclocypris sp.	71	50	-5.4	21.9	150	X
RMF93NV71h	Cvid	71	50	-5.6	18.9	150	X
RMF93NV71h	L.sp.	71	50	-7.2	17.4	150	Y?
RMF93NV71	Cacum	71	0.0	-5.1	17	100	S
RMF93NV71	aquifer	71	0.0	-5.5	16.9	100	G
RMF93NV71	Pglob	71	0.0	-7.3	17.8	100	X
RMF93NV71	aquifer	71	0.0	-7.7	19.8	100	G
RMF93NV71	aquifer	71	0.0	-4.9	17.5	100	G
RMF93NV71d	Cvid	71	-25	-5.8	18.7	75	X
RMF93NV71d	Pglob	71	-25	-6.2	18.2	75	X
RMF93NV71d	Potamocypris sp.	71	-25	-5.9	17.2	75	X?
RMF93NV71d	L.sp.	71	-25	-3.6	19.4	75	Y?
RMF93NV71d	Pglob	71	-25	-6.4	18.3	75	X
RMF93NV71d	Potamocypris sp.	71	-25	-6.3	17.3	75	X?
RMF93NV71d	Smead	71	-25	-7.5	17.3	75	Y
RMF93NV71d	Ccaud	71	-25	-4.4	16.8	75	Y
RMF93NV71d	aquifer	71	-25	-6.2	17.2	75	G
RMF93NV71d	L.sp.	71	-25	-5.5	17	75	Y?
RMF93NV71d	Smead	71	-25	-7.7	16.7	75	Y
RMF93NV71d	Ccaud	71	-25	-5.6	18	75	Y
RMF93NV71d	Cyclocypris sp.	71	-25	-3.7	18.5	75	X
RMF93NV71d	aquifer	71	-25	-7.6	20.2	75	G
RMF93NV71d	Cyclocypris sp.	71	-25	-7.6	19.3	75	X
RMF93NV71d	Cvid	71	-25	-5.8	17	75	X
RMF93NV71d SN-92	Fossaria	71	-25	-8	19.7	75	T
RMF93NV71d SN-93	Gyraulis circumstriatus	71	-25	-10.4	16	75	M
RMF93NV71d SN-94	Physa sp.	71	-25	-9.6	19	75	M
RMF93NV71d SN-95	Pisidium casertanum	71	-25	-6.8	18.4	75	M
RMF93NV71d SN-96	Vallonia sp.	71	-25	-7.8	20.9	75	T
RMF93NV71e	Ccaud	71	-50	-8.2	19.2	50	Y
RMF93NV71e	Ccaud	71	-50	-9.1	17.9	50	Y
RMF93NV71e	Cyclocypris sp.	71	-50	-4.5	18.8	50	X
RMF93NV71e	aquifer	71	-50	-4	17.2	50	G
RMF93NV71e	L.sp.	71	-50	-4.4	17.7	50	Y?

TABLE DR3. LPM-34 ISOTOPE RESULTS

DR# 2003070

RMF93NV71e	Pglob	71 -50	-8.4	21.6	50	X
RMF93NV71e	Potamocypris sp.	71 -50	-4.6	16.4	50	X?
RMF93NV71e	Smead	71 -50	-4.8	16.7	50	Y
RMF93NV71e	Cvid	71 -50	-7.3	18.9	50	X
RMF93NV71e	aquifer	71 -50	-6	18.2	50	G
RMF93NV71e	Pglob	71 -50	-6.4	18	50	X
RMF93NV71e	Potamocypris sp.	71 -50	-5.8	17.1	50	X?
RMF93NV71e	Ccaud	71 -50	-7.9	19.9	50	Y
RMF93NV71e	Ccaud	71 -50	-7.9	19.5	50	Y
RMF93NV71e	Cyclocypris sp.	71 -50	-5.3	16.8	50	X
RMF93NV71e	Cvid	71 -50	-7.2	19.1	50	X
RMF93NV71e	aquifer	71 -50	-5.8	20	50	G
RMF93NV71e	aquifer	71 -50	-6.5	18.8	50	G
RMF93NV71e	L.sp.	71 -50	-6.7	17.3	50	Y?
RMF93NV71e	L.sp.	71 -50	-7.6	18.3	50	Y?
RMF93NV71e	Pglob	71 -50	-5.4	19.5	50	X
RMF93NV71e	Potamocypris sp.	71 -50	-4	18.3	50	X?
RMF93NV71e	Potamocypris sp.	71 -50	-6.3	17.4	50	X?
RMF93NV71e	Smead	71 -50	-6.6	20.2	50	Y
RMF93NV71e	Cyclocypris sp.	71 -50	-4.8	17.3	50	X
RMF93NV71e	Cvid	71 -50	-5.6	17.3	50	X
RMF93NV71e	L.sp.	71 -50	-8.6	16.5	50	Y?
RMF93NV71e	Pglob	71 -50	-5.7	17.9	50	X
RMF93NV71e	Pglob	71 -50	-7.1	17.4	50	X
RMF93NV71e	Smead	71 -50	-3.7	18.6	50	Y
RMF93NV71e	Cyclocypris sp.	71 -50	-7.9	18.4	50	X
RMF93NV71e	Cvid	71 -50	-5.5	18.4	50	X
RMF93NV71e	Smead	71 -50	-7.6	18.4	50	Y
RMF93NV71e	Cyclocypris sp.	71 -50	-7.1	20	50	X
RMF93NV71e	Cvid	71 -50	-4.4	17.6	50	X
RMF93NV71e	Smead	71 -50	-9.2	18.5	50	Y
RMF93NV71e SN-10	Fossaria	71 -50	-7.3	24.5	50	T
RMF93NV71e SN-11	Physa sp.	71 -50	-11.9	17.1	50	M
RMF93NV71e SN-11	Pisidium casertanum	71 -50	-4.6	18	50	M
RMF93NV71e SN-11	Gyraulis circumstriatus	71 -50	-9.1	18.1	50	M
RMF93NV71e SN-11	Vallonia cyclophorella	71 -50	-7.9	24.8	50	T
RMF93NV71g	Cyclocypris sp.	71 -75	-5	16.8	25	X

TABLE DR3. LPM-34 ISOTOPE RESULTS

DR# 2003070

RMF93NV71g	aquifer	71 -75	-4.4	18.2	25	G
RMF93NV71g	L.sp.	71 -75	-8.4	15.9	25	Y?
RMF93NV71g	Pglob	71 -75	-5.4	17.3	25	X
RMF93NV71g	Potamocypris sp.	71 -75	-6.4	16	25	X?
RMF93NV71g	Smead	71 -75	-3.1	19.1	25	Y
RMF93NV71g	Cyclocypris sp.	71 -75	-6	17.9	25	X
RMF93NV71g	Cvid	71 -75	-5	21.1	25	X
RMF93NV71g	aquifer	71 -75	-5.1	18.8	25	G
RMF93NV71g	L.sp.	71 -75	-7.7	18.1	25	Y?
RMF93NV71g	Potamocypris sp.	71 -75	-6.7	16.9	25	X?
RMF93NV71g	Smead	71 -75	-5.2	18.8	25	Y
RMF93NV71g	Ccaud	71 -75	-7.1	17.6	25	Y
RMF93NV71g	Cyclocypris sp.	71 -75	-5.8	16.9	25	X
RMF93NV71g	Cvid	71 -75	-7.4	17.2	25	X
RMF93NV71g	Smead	71 -75	-3.7	18.7	25	Y
RMF93NV71g	Ccaud	71 -75	-6.7	17.4	25	Y
RMF93NV71g	Cyclocypris sp.	71 -75	-6	19.3	25	X
RMF93NV71g	Cvid	71 -75	-5.8	18	25	X
RMF93NV71g	Smead	71 -75	-4.2	20.2	25	Y
RMF93NV71g	Ccaud	71 -75	-7	16.9	25	Y
RMF93NV71g	Cyclocypris sp.	71 -75	-4.3	17.4	25	X
RMF93NV71g	Cvid	71 -75	-8.6	16.9	25	X
RMF93NV71g	Smead	71 -75	-4.9	16.4	25	Y
RMF93NV71g SN-10	Physa sp.	71 -75	-10.2	15.9	25	M
RMF93NV71g SN-10	Vallonia sp.	71 -75	-7.3	16.3	25	T
RMF93NV71g SN-97	Pisidium casertanum	71 -75	-6.2	16.4	25	M
RMF93NV71g SN-98	Gyraulis parvis	71 -75	-6.8	16.5	25	M
RMF93NV71g SN-98	Gyraulis parvis	71 -75	-8.3	18	25	M
RMF93NV71g SN-99	Pisidium casertanum	71 -75	-8.1	17.2	25	M
RMF93NV71f	Cvid	71 -100	-6.1	17.5	0	X
RMF93NV71f	Pglob	71 -100	-7.6	20	0	X
RMF93NV71f	Potamocypris sp.	71 -100	-6	17.2	0	X?
RMF93NV71f	Punicaud	71 -100	-7.6	19.6	0	X
RMF93NV71f	Ccaud	71 -100	-7.1	20.8	0	Y
RMF93NV71f	Cyclocypris sp.	71 -100	-6	17.1	0	X
RMF93NV71f	aquifer	71 -100	-4.9	18.7	0	G
RMF93NV71f	L.sp.	71 -100	-7.3	18.6	0	Y?

TABLE DR3. LPM-34 ISOTOPE RESULTS

DR# 2003070

RMF93NV71f	Pglob	71 -100	-7.2	19.8	0	X
RMF93NV71f	Ccaud	71 -100	-6.4	19.9	0	Y
RMF93NV71f	Cyclocypris sp.	71 -100	-5.2	17.9	0	X
RMF93NV71f	Cvid	71 -100	-4.5	17.9	0	X
RMF93NV71f	aquifer	71 -100	-5.8	19.2	0	G
RMF93NV71f	L.sp.	71 -100	-7.9	19.8	0	Y?
RMF93NV71f	Potamocypris sp.	71 -100	-6.1	16.8	0	X?
RMF93NV71f	Smead	71 -100	-4.2	20	0	Y
RMF93NV71f	Smead	71 -100	-5.9	21	0	Y
RMF93NV71f SN-114	Gyraulis circumstriatus	71 -100	-10	16.3	0	M
RMF93NV71f SN-115	Pisidium casertanum	71 -100	-6.7	17.9	0	M

TABLE DR3. LPM-34 ISOTOPE RESULTS

DR# 2003070

M=aquatic mollusc

T= terrestrial mollusc

X=likely lives in wetland, Craw may be evap

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G=groundwater