

Water Source	Temp °C	Elec. Cond. uS/cm	pH	Isotope Ratios		Isotope Group (Fig. 40)	Description
				$\delta^{18}\text{O}$	δD		
Wells							
BD-41	12.6	436	8.6	-5.7	-33	2	"perched" (PELA, 2005)
BD-42	12.5	375	8.4	-5.7	-33	2	"perched" (PELA, 2005), high yield
BD-45	12.5	736	7.5	-5.6	-34	2	
DH-3	13.0	560	9.0	-5.3	-33	5	for slope inspection
M1B	12.5	285	9.1	-5.8	-35	4	high yield
M2B	13.3	374	8.1	-5.7	-35	4	
M3A	13.2	494	7.9	-5.8	-34	4	
M3B	14.3	847	8.0	-5.7	-34	2	"perched" (PELA, 2005)
M5A	13.0	383	8.2	-5.8	-34	4	high yield
M6A	12.9	323	8.2	-6.0	-34	4	high yield
M6B	13.0	572	8.1	-5.6	-33	2	"perched" (PELA, 2005)
QM1	15.4	583	8.6	-5.4	-32	5	screened below Liddell Spring
QM2	14.6	695	8.0	-5.5	-32	5	screened below Liddell Spring
QM3	17.1	285	10.5	-5.3	-33	5	
QM4	16.9	473	7.5	-5.4	-34	5	
QM5	13.5	429	8.6	-5.6	-34	2	
Named Springs							
Liddell Spring	14.4	458	8.0	-5.9	-34	2 / 4	SP-1
Plant Spring	12.8	306	8.2	-5.8	-35	4	SP-3
Pipe Spring	11.5	811	8.1	-5.9	-37	5	SP-7
Dump Spring	15.9	1,271	7.9	-5.1	-31	5	SP-8
Whitesell Spring-1	13.4	100	8.5	-5.6	-34	1	SP-11
Whitesell Spring-2	12.8	111	7.5	-5.6	-34	1	SP-12
Whitesell Spring-3	12.0	108	7.4	-5.6	-34	1	SP-13
Strong Spring 1	10.6	121	8.7	-5.5	-33	1	SP-14
Strong Spring 2	9.8	91	8.3	-5.4	-33	1	SP-15
Seeps							
SP-2	11.3	536	6.6	-5.2	-31	5	Seep south of Liddell Spring
SP-4	11.4	269	7.1	-5.5	-32	5	Seep east of Plant Spring
SP-5	11.1	154	8.5	-5.8	-33	1	Seep south of Plant Spring
SP-6	11.6	472	8.0	-5.5	-32	5	Seep west of Plant Spring
SP-10	14.7	832	8.0	-5.3	-31	5	Seep north of conveyer belt
SP-9	12.3	94	8.2	-4.3	-25	5	Water pond north of conveyer belt
Streams							
Reggiardo Creek							
near swallow hole	12.1	162	8.2	-5.8	-34	3	SS-1
near swallow hole	11.9	134	8.0	-5.7	-34	3	SS-1
tributary with swallow hole	10.7	173	8.2	-5.5	-32	1	SS-2
Laguna Creek							
tributary with swallow hole	10.4	71	9.0	-6.1	-36	3	SS-5
at Ice Cream Grade	9.4	113	8.6	-6.2	-37	3	CR-1
at City diversion				-5.9	-35	3	CR-2
Whitesell Creek above swallow hole	11.9	108	7.6	-5.5	-34	1	SS-4
Mill Creek	12.0	103	8.0	-5.6	-33	1	CR-3
Reported analytical precision				0.1	1		
Min	9.4	71	6.6	-6.2	-37.0		
Max	17.1	1,271	10.5	-4.3	-25.0		
Avg	12.7	380	8.2	-5.6	-33.4		

Results of Stable Isotope Survey, February 2003 (PELA, May 2003)

Table 37

Nolan Associates