

Sheet1

Appendix J. Diatom counts for Mountain Lake core C (shallow, near lakebottom springs).									
	DC60	DC54	DC48	DC42	DC35	DC30	DC22	DC15	DE10
CYCLOTELLA									
C. meneghiniana	0	0	0	0	0	0	0	0	0
C. bodanica	0	0	0	0	0	0	0	0	0
C. stelligera	0	0	0	0	0	0	0	0	17
C. (pores)	0	0	0	0	0	0	0	0	7
STEPHANODISCUS alpinus									
	0	0	0	0	0	0	0	1	8
SYNEDRA ulna									
	0	0	0	0	0	0	0	0	6
TABELLARIA									
T. fenestrata	0	0	0	0	0	0	0	2	15
T. fenestrata (ribbed)	0	0	0	0	0	0	0	0	2
T. synedra-like fenestrata	0	0	0	0	0	0	0	0	0
T. flocculosa	0	0	0	0	0	0	0	0	7
PINNULARIA									
P. cf gibba	0	0	0	0	0	0	0	0	7
P. (bulbous ends)	0	0	0	0	0	0	0	0	2
P. (heavy ribbed frag)	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0
COCCONEIS placentula									
	0	0	0	0	0	0	0	0	0
EUNOTIA									
E. undulata	0	0	0	0	0	0	0	0	0
E. pectinalis	0	0	0	0	0	0	0	0	0
E. sera diadema	0	0	0	0	0	0	0	0	0
CYMBELLA									
C. lunaris	0	0	0	0	0	0	0	0	0
C. cuspidata	0	0	0	0	0	0	0	0	3
C. naviculaformis	0	0	0	0	0	0	0	0	0
C. affinis	0	0	0	0	0	0	0	0	2
GOMPHONEMA									
G. angustatum coronata	0	0	0	0	0	0	0	0	0
G. angustatum turris/elor	0	0	0	0	0	0	0	1	9
G. angustatum capitata	0	0	0	0	0	0	0	0	0
FRAGILLARIA (various forms)									
	0	0	0	0	0	0	0	1	8
STAURONEIS									

Sheet1

S. anceps	0	0	0	0	0	0	0	0	0
S. phoenicentron	0	0	0	0	0	0	0	0	0
CALONEIS									
C. ventricosa	0	0	0	0	0	0	0	0	0
C. bacillum/limosa	0	0	0	0	0	0	0	0	0
NAVICULA									
N. sinuata	0	0	0	0	0	0	0	0	0
N. rhyncocephala	0	0	0	0	0	0	0	0	0
N. (undulose)	0	0	0	0	0	0	0	0	0
NITZCHIA (acicular frags)	0	0	0	0	0	0	0	0	0
DIATOMA ?	0	0	0	0	0	0	0	0	3
MELOSIRA italica	0	0	0	0	0	0	0	0	0
(small, bulbous end)	0	0	0	0	0	0	0	0	0
OTHER	0	0	0	0	0	0	0	0	0
total COUNT	0	0	0	0	0	0	0	5	96
Deep total count	0	0	0	0	0	0	0	3	62
Shallow total count	0	0	0	0	0	0	0	2	34
deep to shallow ratio	0	0	0	0	0	0	0	1.5	1.824

DC05
1
0
3
2
44
1
21
0
0
15
0
0
0
0
0
0
0
0
1
0
0
4
0
0
1
9

2
0
0
0
0
0
0
0
0
2
0
0
106
87
19
4.579