

Sheet1

Appendix N. Diatom counts for Mountain Lake core E (intermediate deep slope).						
(diatoms/core/depth of subsample)	DE58	DE55	DE40	DE30	DE20	DE10
<b>CYCLOTELLA</b>						
C. meneghiniana	0	0	0	0	0	0
C. bodanica	3	0	0	0	0	0
C. stelligera	29	0	1	0	0	20
C. (pores)	27	0	0	0	0	22
<b>STEPHANODISCUS alpinus</b>						
	0	0	1	0	0	4
<b>SYNEDRA ulna</b>						
	1	0	0	0	0	0
<b>TABELLARIA</b>						
T. fenestrata	4	0	0	0	1	8
T. fenestrata (ribbed)	0	0	0	0	0	0
T. synedra-like fenestrata	0	0	0	0	0	0
T. flocculosa	1	0	1	0	0	3
<b>PINNULARIA</b>						
P. cf gibba	0	0	0	0	1	2
P. (bulbous ends)	0	0	0	0	0	0
P. (heavy ribbed frag)	0	0	0	0	0	0
<b>COCCONEIS placentula</b>						
	0	0	0	0	0	0
<b>EUNOTIA</b>						
E. undulata	0	0	0	0	0	1
E. pectinalis	0	0	0	0	0	0
E. sera diadema	0	0	0	0	0	0
<b>CYMBELLA</b>						
C. lunaris	0	0	0	0	0	2
C. cuspidata	0	0	0	0	0	0
C. naviculaformis	0	0	0	0	0	0
C. affinis	0	0	0	0	0	1
<b>GOMPHONEMA</b>						
G. angustatum coronata	0	0	0	0	0	0
G. angustatum turris/elong	0	0	0	0	0	0
G. angustatum capitata	0	0	0	0	0	0
<b>FRAGILLARIA (various forms)</b>						
	6	0	0	0	1	3
<b>STAURONEIS</b>						

Sheet1

S. anceps	0	0	0	0	0	0
S. phoenicentron	0	0	0	0	0	0
CALONEIS						
C. ventricosa	2	0	0	0	0	0
C. bacillis/limosa	0	0	0	0	0	0
NAVICULA						
N. cf. gracile	0	0	0	0	0	0
N. rhyncocephala	0	0	0	0	0	0
N. (undulose)	1	0	0	0	0	1
NITZCHIA (acicular frags)	1	0	0	0	0	4
DIATOMA?	10	1	0	0	0	5
		0	0	0	0	0
MELOSIRA italica	7	0	0	0	0	0
(small, bulbous end)	1	0	0	0	0	5
OTHER	7	0	0	0	0	0
total COUNT	100	1	3	0	3	81
Deep total count	65	0	3	0	1	57
Shallow total count	28	1	0	0	2	24
deep to shallow ratio	2.321	0	#####	#####	0.5	2.375