

Sheet1

Appendix H. Diatom counts for Mountain Lake core B. (shallow).						
diatoms/core/depth of subsample	DB40	DB36	DB30	DB20	DB10	DB10
CYCLOTELLA						
C. meneghiniana	0	0	0	0	0	0
C. bodanica	0	0	0	0	0	0
C. stelligera	0	0	0	0	25	14
STEPHANODISCUS alpinus						
	0	0	0	0	13	15
SYNEDRA ulna						
	0	0	0	0	2	2
TABELLARIA						
T. fenestrata	0	0	0	0	15	17
T. fenestrata (ribbed)	0	0	0	0	15	15
T. synedra-like fenestrata	0	0	0	0	1	0
T. flocculosa	0	0	0	0	21	27
PINNULARIA						
P. cf gibba	0	0	0	0	0	1
P. (bulbous ends)	0	0	0	0	1	1
P. (heavy ribbed frag)	0	0	0	0	0	0
COCCONEIS placentula						
	0	0	0	0	0	0
EUNOTIA						
E. undulata	0	0	0	0	1	0
E. pectinalis	0	0	0	0	0	1
E. sera diadema	0	0	0	0	0	2
CYMBELLA						
C. lunaris	0	0	0	0	5	1
C. cuspidata	0	0	0	0	0	3
C. naviculaformis	0	0	0	0	0	0
C. affinis	0	0	0	0	6	0
GOMPHONEMA						
G. angustatum coronata	0	0	0	0	5	0
G. angustatum turris/elong	0	0	0	0	1	1
G. angustatum capitata	0	0	0	0	5	0
FRAGILLARIA (various forms)						
	0	0	0	0	3	7
STAURONEIS						
S. anceps	0	0	0	0	0	0

Sheet1

S. phoenicentron	0	0	0	0	0	0
CALONEIS						
C. ventricosa	0	0	0	0	0	0
C. phoenocentron	0	0	0	0	1	1
NAVICULA						
N. cf. gracile	0	0	0	0	0	0
N. rhyncocephala	0	0	0	0	0	0
N. (undulose)	0	0	0	0	3	0
NITZCHIA (acicular frags)	0	0	0	0	0	1
DIATOMA ?	0	0	0	0	0	8
MELOSIRA italica	0	0	0	0	7	7
(small, bulbous end)	0	0	0	0	0	1
OTHER	0	0	0	0	0	1
total COUNT	0	0	0	0	130	126
Deep total count	0	0	0	0	92	90
Shallow total count	0	0	0	0	38	36
deep to shallow ratio	0	0	0	0	2.421	2.5