

Macroscopic Sample Descriptions - Leandro Creek No. 1

0-20'	0-5' Reddish brown top soil w/ some gray siltstone 5-10' Yellowish brown top soil w/ some gray siltstone 10-15' Pinkish brown weathered coarse grained ss and conglomerate 15-20' Brown, fine to medium grained, weathered ss
20-40'	light gray to white, fine to medium grained ss - subangular moderately well-sorted
40-60'	40-50' ss as above 50-60' gray shale, soft to brittle
60-80'	60-70' gray siltstone, moderately hard 70-80' dk. gray to black shale, soft
80-100'	80-90' shale as above 90-100' gray siltstone, moderately hard
100-120'	lt. gray, fine to medium grained ss, subangular, friable; and dk. gray shale, soft to brittle; and gray siltstone, hard; ss becoming coarse grained @ 115'
120-140'	lt. gray, coarse grained ss, subangular, friable, moderately well sorted; grading to very coarse grained gravel and conglomerate
140-160'	gray shale, soft; gravel and conglomerate; lt. gray, fine grained ss, subangular to subrounded, hard, moderately sorted, trace sl. greenish color
160-180'	black shale, brittle, fissile, becoming silty; with gray, fine to medium grained ss, subangular, moderately hard @ 175'
180-200'	gray siltstone, moderately hard to brittle, w/ some large pieces of gravel
200-220'	gray siltstone as above; w/ dk. gray shale, soft; and lt. gray (sl. greenish) fine grained ss, hard to moderately hard, moderately sorted, subangular - (ss 200-205')
220-240'	shale and siltstone as above @ 225-230' - gray to lt. gray, fine to medium grained ss, hard to moderately hard, moderately well sorted, subangular