

SAMPLE DESCRIPTIONS
Leandro Creek No. 1

- 0-20' topsoil, brown; and very fine to very coarse grained, weathered sandstone, brown to red-brown and pink-brown.
- 20-40' lt. gray to white, fine to medium grained sandstone, angular to sub-angular, moderately well sorted, friable, calcareous.
- 40-60' sandstone as above; and dk. gray shale, soft.
- 60-80' dk. gray shale, soft; and black carbonaceous shale, brittle (sl. coally); and dk. gray siltstone, hard to moderately hard.
- 80-100' dk. gray shale, soft, with minor amounts of black carbonaceous shale inclusions; dk. gray siltstone, hard to moderately hard.
- 100-120' dk. gray shale, soft; dk. gray siltstone, hard; and lt. gray, medium grained sandstone, angular to sub-angular, moderately to poorly sorted, sl. friable, sl. calcareous.
- 120-140' lt. gray to white, medium grained sandstone, angular to sub-angular, moderately to poorly sorted, hard to moderately hard, very sl. calcareous, occasional mica; with some gray to dk. gray shale, soft, some brittle; and very minor amounts of dk. gray siltstone with large pieces of gravel, sub-angular to sub-rounded.
- 140-160' lt. gray, fine to medium grained sandstone, angular to sub-angular, poorly to moderately sorted, sl. calcareous, occasional mica, moderately hard; with gray to dk. gray shale, soft to brittle; with abundant large pieces of gravel, sub-angular to sub-rounded.
- 160-180' gray siltstone, hard to moderately hard, very sl. calcareous; black shale, brittle with coally stringers; some gray shale, soft; some lt. gray to buff, sandstone, fine to medium grained, angular to sub-angular, poorly sorted, calcareous, with occasional black carbonaceous stringers.
- 180-200' lt. gray to gray siltstone, moderately hard, non-calcareous, with occasional black carbonaceous stringers; black shale, brittle with coally stringers; some gray shale, soft.
- 200-220' lt. gray to dk. gray siltstone (mostly dk.) hard to moderately hard, non-calcareous, with occasional black carbonaceous stringers.
- 220-240' lt. gray to dk. gray siltstone, hard to moderately hard, non-calcareous, with occasional black carbonaceous stringers; some black shale, brittle, with coally stringers; large piece of gravel, probably cavings from above.
- 240-260' lt. gray to dk. gray siltstone, hard to moderately hard, non-calcareous, with occasional black carbonaceous stringers; some pieces of gravel, probably cavings from above.