

SAMPLE DESCRIPTIONSCretaceous
Mesa Verde

0 - 695

- 0 - 30 = gray clay shales and conglomeratic sand
- 30 - 50 = gray clay shales with black carbonaceous layers
- 50 - 60 = conglomeratic, quartzitic sand, some frosted grains
- 60 - 75 = gray shale
- 75 - 80 = gray shale with thin brown limestone bed
- 80 - 100 = gray shale
- 100 - 110 = gray shale with thin carbonaceous zones
- 110 - 135 = quartzitic, conglomeratic sand
- 135 - 160 = slightly sandy gray shale
- 160 - 180 = gray shale with black carbonaceous zones
- 180 - 190 = gray shale
- 190 - 200 = gray shale with a thin pyritic coal seam
- 200 - 210 = sandy gray clay shale
- 210 - 240 = fairly fine to medium poorly sorted dirty shaly sand with some carbonaceous matter
- 240 - 400 = gray shale with a few thin sandy zones
- 400 - 410 = hard fine sand
- 410 - 465 = gray shale with a few thin sandy zones
- 465 - 475 = fairly fine shaly sand and sandy shale slightly calcareous
- 475 - 510 = gray clay shale
- 510 - 520 = gray shale with a thin coal seam
- 520 - 560 = fine size dirty shaly sand and sandy shale with some carbonaceous matter
- 560 - 562 = good coal
- 562 - 610 = fine quartzose varicolored sand, traces of medium sand, some mica, some pyrite and traces of coal
- 610 - 640 = sandy shale and shaly sand as above
- 640 - 650 = sand as above
- 650 - 695 = fine size broken sandy shale and shaly sand

Mancos

695 - 1030

- 695 - 835 = light gray clayey to dark gray to blocky black shales
- 835 - 950 = shales as above with a few fine sandy zones
- 950 - 1030 = shales as above