

LITHOLOGYInterval  
(ft.)

8160-8440	<u>Volcanics</u> , brown-grey with white, light and medium greenmottling.
8440-8570	80-90% <u>Volcanics</u> 10-20% <u>Shale</u> (cavings)
8570-8580	60% <u>Shale</u> , grey-black, slightly silty, blocky.
8580-8590	50% <u>Coal</u> , black, conchoidal, fracture. 30% <u>Shale</u> , as above 20% <u>Volcanics</u>
8590-8620	60-70% <u>Shale</u> 30-40% <u>Volcanics</u>
8620-8650	10-30% <u>Volcanics</u> 60% <u>Shale</u> 10% <u>Sandstone</u> , tan, very fine to fine grained, sub-angular, well sorted, friable, occasional spotty pin point fluorescence, no cut.
8650-8993	45% <u>Volcanics</u> 50% <u>Shale</u> 10% <u>Sandstone</u> as above
8663-8680	40% <u>Coal</u> 60% <u>Shale</u> , dark brown-grey to very dark grey silty and hard.
8680-8683	20% <u>Coal</u> 40% <u>Shale</u> 40% <u>Sandstone</u> , tan, fine to medium grained, sub-angular, well sorted friable, with spotty yellow fluorescence and good crushed cut.

CORE NO. 12

8683-8707 feet	- cut 24 feet, recovered 10 feet. 3 feet <u>Sandstone</u> , tan silty to very fine grained, slightly dolomitic, slightly micritic, well indurated, tight, some spotty yellow fluorescence and slight cut. 7 feet interlaminated <u>Sandstone</u> and <u>Shale</u> . <u>Sandstone</u> , as above <u>Shale</u> , grey-black, fine, mic.
8707-8720 feet	20-30% <u>Coal</u> 50-70% <u>Shale</u> , as above 10-20% <u>Sandstone</u> , as above
8720-8800 feet	<u>Shale</u> , brown-grey, as above <u>Sandstone</u> , trace as above
8800-8970 feet	<u>Shale</u> and <u>Coal</u> <u>Shale</u> , brown-grey, carbonaceous, slightly silty.