

CORE DESCRIPTIONS (continued)

- 4131-32' Same.
- 4132-33' Same, very fractured, good stain and fluorescence.
- 4133-35' Same, good odor, good stain and fluorescence.
- 4135-36' Same with black shale streaks, slightly carbonaceous, good odor, good stain and fluorescence.
- 4136-37' Same with thin carbonaceous pyritic partings, good odor, good stain and fluorescence.
- 4137-40' Same, heavy odor, good stain and fluorescence.
- 4140-41' Same with thin slightly carbonaceous shale streaks, varved, good odor, good stain and fluorescence.
- 4141-42' Same with thin brown shale streaks, varved, slicken sides, slight odor and fluorescence.
- 4142-42.8' Dark grey very fine salt and pepper varicolor sandstone with thin brown grey silty shale streaks, slight bleed.
- CORE #3 Cored 4154' to 4216'. Cored 62', recovered 46'.
- 4154-56' Dark brown carbonaceous shale.
- 4156-57' Same, amber specks.
- 4157-59' Same, very carbonaceous.
- 4159-60' Impure coal.
- 4160-61' Dark grey brown carbonaceous shale.
- 4161-64' Dark brown slightly carbonaceous sand, medium fine, very silty.
- 4164-64.5' Dark grey brown silty carbonaceous sand, thin laminations.
- 4164.5-65' Light grey medium fine varicolor silty sandstone.
- 4165-71' Same with brown shale clay balls, very micaceous.
- 4171-72' Light grey tan medium fine varicolor sandstone, micaceous.

Core #	Depth (ft)	Description
4171-72	10.0-10.5	Light grey tan medium fine varicolored silty sandstone.
4165-71	10.5-11.0	Same with brown shale clay balls, very micaceous.
4164.5-65	11.0-11.5	Light grey medium fine varicolored silty sandstone.
4164-64.5	11.5-12.0	Dark grey brown silty carbonaceous sand, thin laminations.
4161-64	12.0-12.5	Dark brown slightly carbonaceous sand, medium fine, very silty.
4160-61	12.5-13.0	Dark grey brown carbonaceous shale.
4159-60	13.0-13.5	Impure coal.
4157-59	13.5-14.0	Same, very carbonaceous.
4156-57	14.0-14.5	Same, amber specks.
4154-56	14.5-15.0	Dark brown carbonaceous shale.
4142-43	15.0-15.5	Dark grey very fine sand and pebbles, silty, with thin brown very silty shale streaks, slightly laminated.
4141-42	15.5-16.0	Same with thin brown silty streaks, slightly laminated.
4140-41	16.0-16.5	Same with thin slightly carbonaceous silty streaks, varicolored, sand above, dark silty shale below.
4137-40	16.5-17.0	Same, silty, with thin silty streaks.
4136-37	17.0-17.5	Same, silty, with thin silty streaks.
4134-36	17.5-18.0	Same with thin silty streaks, slightly laminated.