DRILL STEM TEST

DST No2 2970-3282
½" b.c. no t.c, IF 6 mins. ISI 47 mins.
Flow 30 mins FSI 30 ms.
rec. 1820' mud, 300' water (410 p.p.m. NaCl) 30" sand
IHP 1590, ISIP 1510
IFP 1480, FFP 1480
FSIP (INDETERMINATE)
FHP 1590.

DST No1
3214-3282
½" b.c. no t.c.
PACKER FAILED TO SEAT.
rec. 560 ft Mud.

LITHOLOGIC DESCRIPTION

2982-3070 Sand: light to med. grey, the very top is coarse grained but rest is fine to med. grnd. Angular to subrounded, contains mica flks and worked coal grns.

3070-3680 Sand: quartzose, light grey, fine to coarse grained lenses subangular to subrounded. Fair sorting in individual lens.
Coal: brown to black, earthy to sub-butiminous, silty in places sub-conchoidal fracture in places.
Shale: light green-grey soft to medium hard slightly silty, very calcareous.

3680-3810 Sand: quartsoze, light-grey, coarse grained, subrounded with fair sorting.
Clay: brown-grey, silty, puggy finely micaceous in places.
Siltstone: brown-grey, and lt. to med gy argillaceous grades to silty clay
Coal: black to brown-black sub-bituminous to earth; silty, finely micaceous in places.

3810-4010 Sand: quartzose, coarse to very coarse and pebbly, angular to subangular, fair sorting.
Coal-Lignite brown to black earthy to sub-bituminous.
Siltstone: dark brown-grey lignitic, medium soft grades to lignite.

4010-4200 Coal-Lignite: dark brown to black, silty, earthy (grades to lignitic siltstone) in places black, bituminous conchoidal fracture in places.
Sand: quartzose, light grey, coarse to pebble size, subangular to subrounded fair to poor sorting.

4200-5265 Sand: quartzose, light grey fine to coarse grained and pebbly in places, poor to fair sorting slightly consolidated in white kaolinitic matrix.
Coal-Lignite dark brown to black, sub-bituminous to lignitic sub-conchoidal splintery to earthy.
Siltstone: dark brown to light brown, med. hard. lignitic, fairly micaceous. Also white, medium hard, sandy, argillaceous.

5265-5770 Sandstone-Subgreywacke: light to medium grey, fine to medium granite. Composed of subangular to subrounded quartz grains, grey re-worked shale grains, carbonaceous grains, lignitic fragments and mica flakes in a kaolinitic and dolomitic matrix.
Siltstone: light grey and light brown, soft to medium hard argillaceous very finely sparcely micaceous.
Coal-Lignite dark brown to black, soft to medium hard, silty, sandy, finely micaceous, and earthy, in places.

5770-6030 Sandstone-Subgrewacke l/gy med grained, soft to med. semifriable in places Contain poorly sorted angular to subrounded qtz. grains, reworked shale grains weathered feldspar grains, grey quartzite grains, blk. carbonaceous grains, lignitic frags. and mica flakes in a silty and argillaceous matrix.
Siltstone:- light to med. gy, med hard. Contains quartz, feldspar (weathered) carbonaceous grains, lignitic fragmts. and mica flakes in an argillaceous matrix
Clay; light green-grey, slightly silty, slightly calcareous, puggy.

6030-6635 Greywacke: light to medium grey, fine to coarse grained, soft to hard (where calcareous) friable in places. Contains poorly sorted angular to subrounded quartz grns, white feldspar (partly weathered) grains, grey reworked shale gns. (mainly rounded) light brown to orange-red rock grains, biotite and muscovite flakes and black carbonaceous grains and lignitic fragments in a silty and argillaceous matrix.
Siltstone: medium grey, medium hard shaly. Contains quartz and feldspar silt fine mica flakes and lignitic fragments in an argillaceous matrix.

STRATIGRAPHIC COLUMN

MESOZOIC

LATROBE VALLEY COAL MEASURE — 5265

STRZELECKI GROUPS — 6635