

PD83 JC-10

<u>From (m)</u>	<u>To (m)</u>	
0	10.7	Arenite, lithic, medium to coarse grain size, (ferruginous 3-4m)
10.7	11.19	Mudstone, grey/brown, variably ferruginous; ?carbonaceous 10.84 to 10.96m
11.19	11.78	Coal, ? heavy dull, (RD < 1.75), mudstone band 11.34-11.47m
11.78	13.00	Mudstone, grey, ?carbonaceous 12.07-12.22m
13.00	14.00	Siltstone
14.00	15.00	Mudstone, grey
15.00	15.50	Mudstone, carbonaceous, ± heavy dull coal plies
15.50	16.70	Mudstone, grey
16.70	17.20	Mudstone, carbonaceous
17.20	18.70	Mudstone, grey, large plant fossils
18.70	30.34	Arenite, lithic, fine grained with calcite veins to = 21.0m medium grained to = 23.0m, coarse grained to 30.34m
30.34	30.66	Clay pellet conglomerate of carbonaceous mudstone, hosted in medium grained lithic arenite, pyrite in reduction centres
30.66	34.30	Arenite, lithic, medium grained
34.30	34.74	Coal (RD = 1.73)
34.74	35.80	Mudstone, grey, increasing silt toward base
35.80	45.00	Arenite, lithic, medium grained, carbonaceous debris
45.00	45.80	Arenite, quartzose to sub lithic, dark green matrix
45.80	47.00	Arenite, lithic, medium grained, carbonaceous mudstone pellet conglomerate
47.00	47.40	Mudstone, carbonaceous
47.40	50.00	Arenite, lithic, medium grained, minor carbonaceous mudstone pellet conglomerate

EOH

Comments

- (i) Base of oxidation = 6.0m; localised oxidation of top mudstone immediately below sandstone interface at 10.7m
- (ii) Coal seams intersected as follows:
Medium: 11.19 - 11.78
Minor: 34.30 - 34.74