

PD83 JC - 08

<u>From (m)</u>	<u>To (m)</u>	
0	2.0	Dolerite, and lithic arenite rubble
2.0	2.8	Mudstone, brown/khaki
2.8	3.1	Coal (RD ≈ 1.62)
3.1	4.2	Mudstone, brown (? kaolinitic to 3.8m)
4.2	7.50	Arenite, lithic, medium/coarse grain size
7.50	8.12	Coal (RD ≈ 1.53)
8.12	9.00	Mudstone, grey, probably silty 8.6 - 9.0m
9.00	19.75	Arenite, lithic, medium/coarse grained; ?carbonaceous mudstone 10.92-11.08m
19.75	20.46	Coal (RD < 1.75), mudstone band 19.91 - 20.16m (carbonaceous 20.02 - 20.16m)
20.46	20.74	Coal, heavy dull (RD > 1.75)
20.74	21.62	Coal, (RD ≈ 1.47), mudstone band 21.28 - 21.40m
21.62	22.24	Coal, heavy dull, (RD ≈ 1.90)
22.24	22.80	Mudstone, grey, increasing silt content toward base
22.80	28.14	Arenite, lithic, fine to medium grained size
28.14	28.70	Coal, (RD ≈ 1.67) carbonaceous mudstone (± heavy dull coal) band 28.36 - 28.53m
28.70	29.08	Coal, heavy dull (RD > 1.75), mudstone band 28.86 - 28.95m
29.08	29.32	Mudstone
29.32	29.98	Coal, (RD ≈ 1.75?) carbonaceous mudstone (± heavy dull coal) band 29.48 - 29.66m
29.98	30.60	Mudstone, carbonaceous to 30.38m, and with possible heavy dull coal 30.20-30.38m
30.60	31.59	Coal, (RD ≈ 1.57) mudstone band 30.78 - 30.93m
31.59	32.90	Mudstone, mainly carbonaceous with ?heavy dull coal plies 31.59 - 31.74m, 32.08-32.26m, 32.45-32.62m and 32.72-32.90m
32.90	33.18	Coal, (RD ≈ 1.70)
33.18	33.42	Coal, heavy dull, (RD > 1.75)
33.42	33.80	Mudstone
33.80	38.80	Arenite, lithic, medium grain size
38.80	39.10	Tuff
39.10	43.80	Arenite, lithic, medium/coarse grain size
43.80	44.40	Coal, heavy dull (RD ? 1.87)
44.40	48.00	Mudstone, grey
48.00	49.00	Mudstone, carbonaceous
49.00	50.00	Dolerite, chilled margin to 49.30, the remainder being fine to medium grained EOH

Comments

- (i) Base of oxidation ≈ 7.0m
- (ii) Coal seams intersected as follows;
  - Significant: 19.75 - 22.24m
  - Major: ≈ 28.14 - 29.98m
  - Medium: 7.50 - 8.12m, 30.60-31.59m, ?32.90-33.42  
43.80 - 44.40m
  - Minor 2.8 - 3.1m