

PD83 PT-03

<u>From (m)</u>	<u>To (m)</u>	
0	2.0	Sand, sandy clay and clay, grey/brown/orange colour
2.0	4.0	Arenite, sub lithic to quartzose fine grained (quartz feldspar ± lithic fragments)
4.0	6.0	Mudstone, khaki/brown/grey
6.0	12.0	Arenite, sub lithic to quartzose (as for 2-4m)
12.0	14.0	Mudstone, pink/cream, porcellanous
14.0	20.0	Arenite, sub lithic to quartzose (as for 2-4m)
20.0	32.0	Arenite, sub lithic to quartzose, fine grained (quartz and lithic fragments only).
32.0	34.0	Mudstone, grey, very fine banding
34.0	35.5	Mudstone, grey/pink/cream, minor spotted chips (? tuffaceous)
35.5	36.0	Arenite, sub lithic to quartzose (similar to 20-32m), cemented and dense
36.0	40.0	Mudstone, grey/green, white spotted mineral <0.5mm, (? zeolite), minor dark green to black mudstone
40.0	42.0	Arenite, sub lithic, to quartzose, cemented (as for 35.5-36m)
42.0	44.0	Mudstone, grey/green
44.0	46.0	Arenite, quartz, white/grey, cemented 45-46m
46.0	48.0	Arenite, quartz, variably micaceous, and trace lithic material, grey to cream
48.0	49.5	Mudstone, grey/green, minor pink smectitic mudstone (? tuffaceous)
49.5	50.0	Siltstone, black, dense, (may be similar to 36.40m material, and to cutting on Midland H'Way ≈ 5km south of Oatlands)
50.0	52.0	Mudstone, grey/green, interbedded with grey quartz arenite EOH

Comments

- (i) Base of oxidation ≈ 6m
- (ii) The sequence in the hole appears to be situated below that seen in PD83 PT-02, (2km to the south)