

GRAPHIC CORE LOG		Hole No. PHD 2	Depth 51.8 m
Scale 1:250	Project Peaked Hill	EL 9/96	
By W. HERDMANN	Section	Rt approx 17m	
Date 17 JULY 1997	Collar co-ords ~ 8705 E 9272	N lower than PHD2 RL	
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Depth m	Mean Grainsize Mud 0.5 2 8 32 mm	Max. clast φ & Structure	Altn.	Description
0		Oxidized clayey		Massive red brown clay with fragments of limonite ironstone and minor veinlets and weathered fig. siltstone?
5				Massive, weathered pale pinkish grey mudstone and sandy mudstone. beds like soft clayey oxidized equivalent of dark grey sediments below. Immature and mostly poorly sorted. Minor iron staining on some joints but not generally limonitic.
15		← BASE OF OXIDATION		
20		So: 70°ae		Massive to diffusely bedded dark grey (slightly pyritic) mudstone and muddy sandstone. Similar muddy lithotype to units in PHD1 and PHD2 but without fossils or pebbles clasts.
25		← CALCAREOUS SST BED		20cm. limy sandstone bed? at 23.8m contains rare fossils of crinoid stems or spongioid spines? (Hollow, cylindrical <?>?) Occasional rounded to sub angular matrix supported pebbles of meta quartzite (eg. 28.3m). Biotite granite pebble at 42.2m.
30		Bioturbated?	So: 75°lac	
35				
40		Pg chert pebbles *limonite pebbles	So: 80°	Massive to thin/diffuse bedded dark grey to black fig. muddy sandstone and fine gr. pebbly - fossiliferous sandstone with matrix supported clasts of chert, schist, shelly - coral fossils and wavy mudstone interparts (possible bioturbated sections?) Sandy layers locally slightly calcareous limy matrix
45			So: 80°	Consistent bedding planes at 30° to 40° with sharp bases to sandy beds eg. 51.5m suggest inc. younging up hole? Rare pyritic schist and qtz pebbles (well rounded) eg. 42.5m
50		↑?	So: 80°	