

PROJECT/E.L.: Langloh EL27/79

RIG/METHOD: FoxB80, Core

TOTAL DEPTH: 20.90m

HOLE NO.: H-22

CORE SIZE: NQ (3.0-20.9m)

DRILLER/ASSISTANT: WB PD

LOCATION: 481,312mE, 5289,853mN

COMMENCED: 20.1.83

CORE LOGGED: TGS

COLLAR ELEVATION: 139.12

FINISHED: 20.1.83

GEOLOGIST: TGS

METRES DRILLED	% RECOVERY	LITHOLOGY	ROCK DESCRIPTION	REMARKS
0-3.0	Open Hole	Sandstone	Lithic, medium grained clayey	HW
3.0-4.81		Sandstone	" " " , minor silicified wood @ 3.25m	MW
4.81-4.89		Conglomerate	Clay/mud pellet, in lithic arenite matrix	"
4.89-4.98		Siltstone	Khaki colour	"
4.98-5.20		Conglomerate	Clay/mud pellet, in medium/course grained lithic arenite	"
5.20-5.70		Sandstone	Lithic, medium course grained	Slightly W.
5.70-8.96		Sandstone	Lithic, grey course grained, minor grey CPC and v. minor coaly frags.	Base of oxidation = 5.70m
			slightly weathered 6.05-6.40m.	
8.96-9.22		Coal	Dull, <2% bright bands	Seam A.
9.22-9.225		Shale	Cream colour (5mm); (Not on BRD log)	
9.225-9.52		Coal	Dull approx. 1% bright bands; very minor pale shale pellets	
9.52-9.66		Coal/shale	Zone of pelleted dirt bands (2-3 mm thick); the bands are discontinuous	
			over the core diameter ( approx 50mm)	
0.66-9.99		Coal	Dull, approx. 1-2% bright bands	
9.99-10.00		Shale	Pale/medium brown colour (10mm)	
10.00-10.56		Coal	Dull, 1-3% bright bands	
10.56-10.90		Mudstone	Grey, badley broken, probably smectitic	

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METRES DRILLED	% RECOVERY	LITHOLOGY	ROCK DESCRIPTION	REMARKS
10.90-11.75		Coal	Dull, 2% bright bands; upper 80mm containing cream coloured mudstone pellets + minor claystone laminae	Seam B.
11.75-12.10		Coal/Shale	Zone of brown kaolinite/claystone laminae/bands (1-3mm) in part pelletal (similar to 9.52-9.66m in seam A) in none of these stone bands give a clear response on the BRD log, and all are discontinuous.	
12.10-12.37		Coal	Dull average 5% bright bands, increasing to 20% over basal 0.16m	
12.37-14.21		Mudstone	Grey, puggy (? smectitic); D Joints 30°-65°	
14.21-14.68		Coal	Dull, 3% bright bands, minor calcite in cleats (NB core starts at 14.51)	Seam C.
14.68-14.72		Shale	? Brown colour (KL)	
14.72-14.83		Coal	Dull, average 1% bright bands	
14.83-14.84		Shale	? Brown colour (KL)	
14.84-15.34		Coal	Dull, 3-5% bright bands	
15.34-15.36		Shale	Medium brown colour, fissile (10mm)	
15.36-15.56		Coal	Dull, 5% bright bands (2-5mm thick), calcite in cleats; minor dirt bands (< 1mm) a 15.4m	
15.56-15.8		Mudstone	Grey colour	
15.8-16.40		Siltstone	" " , muddy	

