

PROJECT/E.L.: Langloh EL27/79

RIG/METHOD: Fox B80, Core

TOTAL DEPTH: 30.0m

HOLE NO.: H-20

CORE SIZE: NQ(12.0-30.0m)

DRILLER/ASSISTANT: W.B. P.D.

LOCATION: 482,188mE,5,290,330mN

COMMENCED: 19.1.83

CORE LOGGED: TGS

COLLAR ELEVATION: 151.42

FINISHED: 19.1.83

GEOLOGIST: TGS

METRES DRILLED	% RECOVERY	LITHOLOGY	ROCK DESCRIPTION	REMARKS
0-8.0	Open Hole	Sandstone	Lithic, medium grained, oxidized	
8.0-12.0.	" "	Sandstone	" " " fresh (grey colour)	
12.0-13.71		Sandstone	" " " grey	
13.71-14.02		Conglomerate	Carbonaceous mudstone laminae set in green coloured lithic sandstone matrix; green colour due to ferrous iron or ? uranium mineral.	
14.02-16.92		Sandstone	Lithic, grey, medium grained, increasing to course at the base, minor mudstone pellets.	
16.92-17.19		Coal	Dull, <1% bright bands	
17.19-17.205		Shale	Dark brown colour (15mm)	
17.205-17.33		Coal	Dull, approx 1% bright bands, minor calcite in cleats (? Heavy dull coal)	
17.33-17.34		Shale	Dark brown colour, fissile (10mm)	
17.34-17.67		Coal	Dull, approx. 3% bright bands (1-5mm thick), calcite in cleats	
17.67-17.685		Shale	Dark brown colour, fissile (15mm)	
17.685-18.48		Coal	Dull, approx 3% bright bands overall, but with 30% bright bands (2-10 mm thick) from 18.38-18.48m; calcite in cleats from 17.71-18.38m.	
18.48-18.99		Mudstone	Grey colour, fissile	
18.99-20.19		Coal	Dull, 1-2% bright bands overall, but increase over the base 180mm, no	

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METRES DRILLED	% RECOVERY	LITHOLOGY	ROCK DESCRIPTION	REMARKS
			obvious stone bands, calcite matrix to minor breccia zone from 19.71-	
			20.19m	
22.13--22.26		Coal	Dull, approx 3-5% bright bands minor calcite in cleats.	
22.26-22.27		Shale	Carbonaceous (10mm) (not on BRD log)	
22.27-22.56		Coal	Dull, approx 3% bright bands	
22.56-22.58		Shale	Dark brown colour (20mm)	
22.58-23.18		Coal	Dull, approx 3-5% bright bands, calcite in cleats	
23.18-23.21		Shale	Dark brown colour	
23.21-23.43		Coal	Dull, approx 10% bright bands, mainly due to a single 30mm thick bright	
			band.	
23.43-27.00		Mudstone	Grey colour, fissile	
27.00-28.25		Mdst./Slst.	Interbedded, grey colour.	
28.25-30.00	100	Sandstone	Lithic, grey, ranging from very fine to fine to fine/medium grained	
			toward 30.00m.	
			E.O.H. 30.00m.	