

PROJECT/E.L.: Langloh EL27/79

RIG/METHOD: Fox B80, Core

TOTAL DEPTH: 27.0m

HOLE NO.: H-24

CORE SIZE: NQ (15.0-27.0m)

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

LOCATION: 483,101mE;5,290,297mN

COMMENCED: 21/1/83

CORE LOGGED: TGS

COLLAR ELEVATION: 180.34

FINISHED: 24/1/83

GEOLOGIST: TGS

METRES DRILLED	% RECOVERY	LITHOLOGY	ROCK DESCRIPTION	REMARKS
0.-1.0	Open Hole	Clay	Derived from EW lithic arenite	
1.0-8.0'	Open Hole	Sandstone	Lithic, medium to course grained	MW.
8.0-15.0	" "	Sandstone	Lithic, medium to course grained, grey coloured	F.
15.0-18.56	100	Sandstone	Lithic, graded fine to medium and medium to course grained, minor mud pellets and carbonaceous.	
18.56-18.61	100	Coal	Dull, <del>1</del> 1% bright bands	
18.61-19.20	100	Sandstone	Lithic, medium to course grained, variable carbonaceous and coaly debris	
19.20-19.47	100	Coal	Dull, average 3% bright bands	} Seam A
19.47-19.50	100	Shale.Coal	Intermixed coal and shale, densely veined with carbonate and So	
19.50-19.91	100	Coal	Dull, average 2% bright bands	
19.91-19.93	100	Coal	Heavy dull, ± carbonaceous mudstone	
19.93-20.27	100	Coal	Dull, average 5% bright, but approx. 40% bright from 20.26-20.27cm;	
			the entire seam is broken/brecciated with calcite matrix, also calcite in joints, microfaults etc.	
20.27-20.44	100% to 21.0m	Mudstone	Grey coloured fissile	
20.44-21.36		Coal	Dull, average 3-5% bright bands, but increasing to 50% bright coal from 21.17-21.36m (some KL)	} Seam B

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METRES DRILLED	% RECOVERY	LITHOLOGY	ROCK DESCRIPTION	REMARKS
21.79-22.16		Mdst/Slst.	Interbedded, grey colour (some KL)	
22.16-22.51		Sandstone	Lithic, and "dirty" with abundant carbonaceous laminae and fragments; finegrained.	
22.51-22.71		Siltstone	Grey coloured (KL at top)	
22.71-23.76		Mudstone	Grey coloured (very bad KL)	
23.76-24.41		Coal	Dull, average 10% bright bands (5-10mm wide)	Seam C.
24.41-24.56		Mudstone	Grey broken (inner tube blocked off in this unit)	
24.56-25.8		Breccia/Mdst.	Grey mudstone fragments forming crushed zone (CZ) KL mainly at (ie., 24.0m); $\Delta$ CZ 24.8m=25° and $\Delta$ CZ 25.3 = 55°	
25.8-26.7		Mudstone	Grey, broken, but no obvious porphyroclasts	
26.7-27.0		?	? No recovery, presumably mudstone.	
			E.O.H. 27.0m	