

# MERRYWOOD COAL COMPANY PTY. LTD.

# DRILLING LOG SHEET

<sup>45</sup> Location of this well is plotted as BH 01 in Fig. 3 on 1/1/4/95

TENEMENT: EL 3/91	LOCATION / SITE. DDH MP-3	SAMPLE TYPE. DRILL CORE MCA	SAMPLED BY: KM (DATE) 30-3-94	COAL SECTIONS. 19.72 to 21.57 m
PROJECT: MT. PUZZLES	590203 E 5376326 N	INCLIN. -90°	LOGGED BY: KM (DATE) 24-3-94	

SAMPLE No.	DESCRIPTION.	INTERVAL (m.)	DESCRIPTION.
0.0-3.0	SCREE: brown clay, decomp. sst, minor dolomite frags		Open Hole Blade Bit
3.0-6.24	SANDSTONE: yell. brown decomp. lithic sst		0.0-6.24m
6.24-14.05	SANDSTONE: brown, grey, med. lithic sst oxid. minor redst. pebble, coal fragment conglomerate bands, minor vertical fractures		Casing to 6.0m. Base oxidation 14.05m.
14.05-15.60	SANDSTONE: grey, fresh massive med. lithic sst, minor coaly laminae		
15.60-19.72	MUDSTONE: grey, massive, minor silty laminae and locally abundant coaly laminae		Abrupt roof contact.
19.72-19.77	COAL: Bright/dull bspc. clean, low density coal with blocky fractures, minor calcite in cleats.		
19.77-19.93	COAL: interbedded papy coal / carb redst, grading down to mainly dull heavy coal.		
19.93-20.16	COAL: Dull minor bright, medium density, minor 5mm dirt band.		
20.16-20.21	MUDSTONE: grey beige, clayey		
20.21-20.29	COAL: Dull minor bright, low density clean coal.		
20.29-20.31	MUDSTONE: grey soft clayey with partings on laminae.		
20.31-20.47	COAL: Dull minor bright uniform clean coal		
20.47-20.48	DIRT BAND: grey brown mudst.		
20.48-20.64	COAL: Dull/bright 50/50, clean uniform, low density coal.		
20.64-20.66	DIRT BAND: white beige indurated claystone (? soft), deformed fabric		
20.66-20.68	COAL: Dull/bright 50/50 clean, uniform, low density		
20.68-20.74	DIRT BAND: brown beige indurated clayst.		
20.74-20.75	COAL: Dull minor bright		
20.75-20.79	DIRT BAND: interlaminated grey mudst, coaly laminae		
20.79-21.03	COAL: Dull minor bright, low density, increased bright bands at top, bottom.		
21.03-21.20	MUDSTONE: grey clayey, unstable on drying		
21.20-21.46	COAL: Dull minor bright uniform clean coal heavier at top (including minor dirt bands)		
21.46-21.48	DIRT BAND: beige soil-like (? red structures) clayst.		
21.48-21.52	COAL: Dull minor bright, 5mm mudst band near base.		
21.52-21.56	DIRT BAND: grey mudst.		
21.56-21.57	COAL: Dull minor bright		Base coal section 21.57m
21.57-23.01	SANDSTONE: grey massive med. lithic sst, abund coaly flasers cross laminae cross		

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