

MERRYWOOD COAL COMPANY PTY. LTD.

DRILLING LOG SHEET.

Note: collar is at BH 02 on Fig. 3
 11/1/95

TENEMENT: EL 3/91	LOCATION / SITE. DDH MP-2	SAMPLE TYPE. DRILL CORE, NO	SAMPLED BY: KM (DATE) 30-3-94.	COAL SECTIONS. 13.85 to 14.85 m
PROJECT: MT. PUZZLER	590561 E 5376444 N	INCLIN. -90°	LOGGED BY: KM (DATE) 23-3-94	39.22 to 41.81 m.

SAMPLE No.	DESCRIPTION.	INTERVAL (m)	DESCRIPTION.
00 -13.5	SCREE: brown soil, decomp. SST dolerite talus		Open Hole Blade Bit
13.5 -13.85	MUDSTONE: laminated grey carb. mudst, soft fest. - Core Loss		0.0 -13.5 m
13.85 -14.09	COAL: Dull heavy coal with several 2 cm dirt bands		Casing 0-6 m.
14.09 -14.29	COAL: Dull/bright 50/50, less dense towards base, blocky fractures, minor calcite in veins, cleats.		Base Oxidation ~ 13.5 m. Erosional top coal contact.
14.29 -14.34	COAL: interlaminated med. density coal / carb. mudst.		
14.34 -14.38	DIRT BAND: large dense indurated claystone		
14.38 -14.75	COAL: Dull/bright 50/50 clean quality coal, minor calcite in cleats		
14.75 -14.85	COAL: interlam. dull/bright 50/50 coal in 1 cm bands, with soft grey brown mudst bands		
14.85 -16.12	MUDSTONE: grey clayey grading down to sltst.		Core Loss
16.12 -20.05	SANDSTONE: grey fine lithic SST in fining-up cycles with sltst, mudst tops.		
20.05 -20.65	SANDSTONE: interbedded med, fine lithic SST with common coaly laminae.		
20.65 -21.20	SANDSTONE: fining-up cycles of fine SST - sltst. - mudst.		
21.20 -23.38	SANDSTONE: grey massive med-coarse lithic SST		
23.38 -24.20	SANDSTONE: fining-up cycles of fine lithic SST - sltst. - mudst.		
24.20 -38.44	SANDSTONE: grey med-coarse lithic SST in thick beds, fining-up cycles, mudst pebbles, concentrations of coaly flasers common at base cycles conglom. bands 24.90-25.2, 26.20-26.85, 28.95-31.05, 34.67-34.70 coaly flaser-rich band 28.70-29.70 mudst lens 32.30-32.44 zone of coaly laminae 31.20-31.50, 32.40, 32.90		
38.44 -39.19	SANDSTONE: fining-up cycle of fine lithic SST, sltst, muddy sltst.		erosional top coal contact.
39.19 -39.20	COAL: Dull minor bright / hard (? disrupted).		
39.20 -39.22	MUDSTONE: grey clayey with grit, sand, clay pellets		
39.22 -39.56	COAL: Dull minor bright uniform medium density, minor dirt bands at 39.40, 39.41, 39.52.		TOP Coal Seam 39.22
39.56 -39.58	CLAYSTONE: large cream laminated indurated, with coaly flasers.		
39.58 -39.67	COAL: Dull/bright better quality coal, low calcite.		
39.67 -39.77	COAL: interlaminated dull heavy coal / indurated clayey, ? tuffaceous dirt bands, lenses of chert with sub. deformation structures.		

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TENEMENT: EL 3/91	LOCATION / SITE. DDH MP-2	SAMPLE TYPE.	SAMPLED BY : (DATE)	COAL SECTIONS.
PROJECT : MT. PUZZLER			LOGGED BY : (DATE)	

SAMPLE No.	DESCRIPTION.	INTERVAL (m.)	DESCRIPTION.
39.77-39.84	COAL: Dull minor bright uniform low density.		
39.84-39.89	DIRT BAND: cream - beige indurated clayst.		
39.89-40.20	COAL: Dull minor bright uniform low density trace calcite in clasts		
40.20-40.23	DIRT BAND: beige cream clayey speckled at top (? forficularis)		
40.23-40.44	MUDSTONE: grey clayey		
40.44-40.62	COAL: Dull heavy common thin clayey dirt bands		
40.62-40.65	COAL: Dull med. density coal		
40.65-40.67	DIRT BAND: brown clayst. indurated.		
40.67-40.84	COAL: Dull/bright 50/50 interbedded with Dull minor bright - good quality coal.		
40.84-40.87	DIRT BAND: deformed grey mdst with coaly flasers, erosional base		
40.87-40.90	COAL: Dull/bright 50/50		
40.90-40.94	DIRT BAND: cream, beige clayst with coaly frags.		
40.94-41.34	COAL: Dull/bright 70/30 interbedded, clean low density coal minor calcite		
41.34-41.42	DIRT BAND: beige indurated clayst with coaly top		
41.42-41.81	COAL: Dull minor bright, mainly low-med density with dirty section in centre of ply.		Abrupt basal contact
41.81-42.38	MUDSTONE: grey clayey laminated.		
42.38-43.22	SANDSTONE: fining-up cycles of fine l. thick sst / siltst / grey mudstone with coaly laminae		
43.22-43.60	CLAYSTONE: pale grey, indurated, hard		
43.60-43.60	MUDSTONE: black carb mdst with interlaminae. grey deformed mdst.		
43.60-44.25	SANDSTONE: fining-up cycles of fine lithic sst, siltst carb, grey mdst with coaly laminae		
44.25-44.35	COAL: Dull heavy grading down to carb mdst.		
44.35-44.47	MUDSTONE: dk grey carb mdst. interlam. with grey mdst with coaly laminae. Erosional top to massive sst.		
44.47-45.45	SANDSTONE: grey massive med. lithic sst.		
	EVH.		