

DRILLING RECORD

Ref No: ~~13062~~

35 175

AREA: COAL RESOURCES INVESTIGATION		CO-ORDINATES: E: 587.1065 N: 871.0504		HOLE No. 03
LOCATION: FINGAL		ON LINE:	BEARING:	AT CH.
GEOLOGICAL PLAN: AY144 SURVEY PLAN:		AT STN:	BEARING:	DIST:
DATES (a) DRILLED: 1A-7-66 to 11-8-66 (b) WATER TABLE:		SURFACE	COLLAR	WATER TABLE
METHOD: DD DIAMETER:		1404		
SITE REMARKS:		HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
		VERT. non-line		

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0			NA	2	A		Drawn			0' - 8' 6" scree
5			WMLC		A					8' 6" - 18' 6" weathered mudstone with sandstone bands
10					A					18' 6" - 58' weathered sandstone
15										
20							Drawn			
25										
30										
35										
40										
45										
50							Drawn			
55							to			
60							area			58' - 73' fresh medium feldspathic sandstone with black streaks clay pellet conglomerate at 72'
65										
70										73' - 94' grey banded mudstone clear transition to coal at 94'
75										
80							area			
85										
90										94' - 97' 10" Coal = Valley Mine Seam
95										97' 10" - 100' 10" mudstone with coaly bands

DRILLING RECORD

AREA: COAL RESOURCES INVESTIGATION		CO-ORDINATES: E: 587.1025 N: 871.0504		HOLE No.
LOCATION: FINGAL		ON LINE:	BEARING:	AT CH:
GEOLOGICAL PLAN: A14144 SURVEY PLAN:		AT STN:	BEARING:	DIST:
DATES (a) DRILLED: 4-7-88 to 11-8-88 (b) WATER TABLE:		SURFACE	COLLAR	WATER TABLE
METHOD: DD DIAMETER:		1404		FILE No.
SITE REMARKS:		HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
		INCL. VERT./HOR/ANG.		SHEET 2 OF 2 SHEETS

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS	REMARKS
				%		No Per Foot.			LEAKAGE	
100'			M.C.	88						100'10" - 103' coal
105'				88						103' - 106' weathered mudstone (seat earth)
110'				88						106' - 115'6" grey mudstone
115'				88						115'6" - 115'10" coal
120'				88						115'10" - 121' mudstone 2" coal at 117' and 6" coal at 120'
125'				88						121' - 122' fine sandstone
130'				88						122' - 126' banded mudstone with bands of sandstone increasing downwards
135'				88						126' - 151' medium feldspathic sandstone
140'				88						151' - 170' banded mudstone, darker downwards, thin coal 6" at 157', grain increases downwards in bands to medium feldspathic sandstone at 170'.
145'				88						
150'				88						
155'				88						
160'				88						
165'				88						
170'				88						crystals of calcite at 170' in near vertical joint.
175'				88						170' - 215'3" medium feldspathic sandstone
180'				88						
185'				88						
190'				88						
195'				88						

DRILLING RECORD

AREA: COAL RESOURCES INVESTIGATION		CO-ORDINATES: E: 587.1066 N: 871.0504	HOLE No. C5
LOCATION: PINGAL		ON LINE: BEARING: AT CH.	FILE No.
GEOLOGICAL PLAN: A444 SURVEY PLAN:		AT STN: BEARING: DIST:	
DATES (a) DRILLED: 14-7-66 to 14-8-66 (b) WATER TABLE:		SURFACE COLLAR WATER TABLE	SHEET 4 OF 6 SHEETS
METHOD: DD DIAMETER:		4 1/4	
SITE REMARKS:		HOLE DRILLED ANGLE FROM HORIZONTAL DIRECTION	
		VERT. LOGGING	

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY %	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
300			NHLC	88			NHLC			302' - 321' banded siltstone, mudstone sandstone (coarsest near 310)
305										321' - 322' coal grading down into coaly mudstones
310										322' - 327' black mudstones.
315										
320										
325										327' - 334' grey mudstone
330										334' - 387' banded fossiliferous feldspathic sandstone to 340', then fossiliferous but fewer bands to cleaner 380' - 381' coaly partings, bands, and finer sandstone banding.
335										
340										
345										
350										
355										
360										
365										
370										
375										
380										387' - 400' banded fine sandstone and siltstone
385										
390										
395										

DRILLING RECORD

REF 13064

AREA: COAL RESOURCES INVESTIGATION		CO-ORDINATES: E: 587-1065	N: 871-0504	HOLE No. C3
LOCATION: PINOAL		ON LINE:	BEARING:	AT CH:
GEOLOGICAL PLAN: A14144 SURVEY PLAN:		AT STN:	BEARING:	DIST:
DATES (a) DRILLED: 4-7-60 to 11-8-66 (b) WATER TABLE:		SURFACE	COLLAR	WATER TABLE
METHOD: DD DIAMETER:		1494		
SITE REMARKS:		HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION
		VERT. HOR. INC.		
		SHEET 5 OF 6 SHEETS		

30 177

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Feet.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
400'										
405'					m					406' - 429' medium feldspathic sandstone clay pellets at 411'
410'										
415'					m					
420'										
425'					m					
430'										429' - 437' fine and medium banded sandstone
435'					m					437' - 439' medium sandstone
440'										439' - 440'10' medium sandstone banding towards end
445'					m					448'10" - 458' banded sandstone, coaly pellets at 450' for 1/2" and at 452' for 2 1/4"
450'										458' - 466' banded mudstone
455'										466' - 470' banded mudstone, fine sandstone and siltstone
460'										470' - 475' banded whitish sandstone, thin black bands and coal streaks
465'										
470'										
475'										475' - 494' fine banded sandstone, fossiliferous, siltstone bands
480'					f					494' - 522' medium grey sandstone quartzose becomes coarser downwards, black coaly partings throughout.
485'										
490'										
495'					f					
					m					

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AREA: COAL RESOURCES INVESTIGATION	CO-ORDINATES:	E: 587.1065	N: 871.0504	HOLE No. C3
LOCATION: PINGAL	ON LINE:	BEARING:	AT CH:	FILE No.
GEOLOGICAL PLAN: A14144 SURVEY PLAN:	AT STN:	BEARING:	DIST:	
DATES (a) DRILLED: 4-7-66 to 10-10-66 (b) WATER TABLE:	SURFACE	COLLAR	WATER TABLE	SHEET 6 OF 6 SHEETS
METHOD: DD DIAMETER:		1404		
SITE REMARKS:	HOLE DRILLED	ANGLE FROM HORIZONTAL	DIRECTION	
	INCL. VERT/HOR/ANG-			

DEPTH	CORE DRAWN	CORE LENGTH	CASING	RECOVERY	GRAPHIC LOG	JOINTS No. Per Foot.	FLUID RETURN	GROUND WATER	WATER PRESSURE TESTS LEAKAGE	REMARKS
0-0										
5-5										
10-0										
15-5										
20-0										
22-5										
30-0										
33-5										
40-0										
45-5										
50-0										
55-5										
60-0										
65-5										
70-0										
75-5										
80-0										
85-5										
90-0										
95-5										
100-0										

522' - Permian, pebbles to 1" plant
533' 9" fossils, mudstone dark grey to black.

Hole completed 533' 9"

Logged by G.E. Hale.