



Alkerm Energy UK Limited

Section of:	Coalite Bolsover Borehole	DTI Ref:	LK/24-11
Purpose:	Methane Extraction	Date:	Aug-02
NGR:	E 446086 N 371191		
Borehole starting level (metres above O.D.):		70.6m	(surface)
National Grid Sheet:	SK 47 SE		
County Sheet & Qtr:	Derbyshire 26 NW		
Driller:	British Drilling & Freezing Limited		
Cores / samples logged by:	D.J. Leigh		

Geological Classification	Nature of Strata	Thickness m	Depth m
	13 3/8 inch casing inserted & grouted to surface.		
	Base of casing at 24.5m below surface level.		
	Made ground.	1.1	1.1
	Reinforced Concrete	0.2	1.3
	Clay, white to yellow, silty in part.	1.3	2.6
	Clay, yellow, with ironstone nodules.	1.4	4
Coal Measures			
	Sandstone, weathered.	12	17
	Sandstone, pale grey.	9	44
Clowne Seam	Coal & dark grey mudstone.	1	95
High Hazles Seam	Coal fragments.	1	212.5
	9 5/8 inch casing inserted & grouted to surface.		
	Base of casing at 306.54m (measured depth).		306.54
Top Hard Horizon	Roadway Vold. Flooded.	3.12	339.13
	7 inch slotted liner inserted between 286.0 - 339.13m.		
	Bottom of borehole		
The surface connection is a 10" ASA 300 gate valve.			
Borehole camera revealed a standing water level in the well at 333.2m below Ground Level.			
Borehole completed on 31st August 2002.			