



SK 47 SE / 46

Form P 70  
Series 400

31 OCT 1974

COMMERCIAL IN CONFIDENCE

Section of Markham Drift Mouth No.6 Surface Borehole

Purpose Site investigation for possible new surface drift

Exact Site N.G. Co-ords E 445096

N 371852

Level at which <sup>shaft</sup> ~~bore~~ <sup>drift</sup> commenced relative to O.D. +299 m or fms

Date of sinking or boring September - October 1971

Sinker or borer Geo. Wimpey

Examined by P.K. Boam

6-INCH MAP

B/H REGD. No

(County, Sheet and Qtr.)

SK 47 SE

(Nat. Grid, Sheet & Qtr.)

Attach tracing from a map or sketch map if possible

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	*Delete as appropriate			
		THICKNESS		DEPTH	
		M OF FT*	CM OF IN*	M OF FT*	CM OF IN*
Seatearth	mudstone, brown, roots highly weathered	4	5	100	0
	sharp			104	5
Seatearth	sandstone, medium, roots and modules,	5	0	109	5
	micaceous platy planes				
Siltstone	fine, laminated, plants, burrows top 1/0	4	1	113	6
	fragmented				
Mudstone	dark, highly listric, very weathered with	8	6	122	0
	oblique breaks				
Sandstone	medium wormy (cank)	0	6	122	6
Siltstone	fine, muddy in parts, ferruginous patches,	9	6	132	0
	core fragmented				
Mudstone	HAUGHTON MARINE BAND				
	dark laminated wormy, plume marks; plants	25	0	157	0
	guillemites, Tomaculum at 143/6; affected				
	by water				
COAL		0	4	157	4
Seatearth	mudstone increasingly silty downwards	7	6	164	10
	top 1/0 affected by water				
	sharp				

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131 OCT 1978

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**8-INCH MAP**

B/H

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\*Delete as appropriate

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		m or ft*	cm or in*	m or ft*	cm or in*
				164	10
Seat Earth	sandstone fine with siltstone fine <i>Stigmara</i>	8	8		
				173	6
Seat Earth	mudstone grey	2	0		
				175	6
Siltstone	fine with sandstone fine root disturbed with nodules, burrows, fragmented core	7	1		
				182	7
	Strata competent below here				
<u>COAL</u>		0	2		
				182	9
Seat Earth	mudstone, slightly silty, listric, roots passing downwards into seatearth siltstone, roots, plants	11	10		
				194	7
Seat Earth	siltstone fine, root nodules in top 1/0, micaceous planty planes, comminuted plant fragments	2	1		
	passage			196	8
Siltstone	fine, laminated, rare wispy sandstone laminae, plant fragments, micaceous planty planes	9	10		
				206	6
Siltstone	fine with sandstone fine variously inclined laminae and layers, crumpled bedding, pouches, weak sandstone fine lenticular layers	2	0		
	sharp			208	6
Sandstone	fine, truncated ripple sets, well cemented, micaceous planty planes	2	0		
				210	6
Siltstone	fine muddy laminated plants including ferns fragmented core	0	11		
	sharp			211	5
Mudstone	dark, small thin shelled non-marine lamellibranchs at 19/6 wormy below 11/6 with Carbonita non-marine lamellibranchs increasingly abundant from 24/11	14	4		
				225	9
<u>Coal</u>		1	6		
				227	3
Seat Earth	mudstone listric	0	5		
				227	8

FORM 71  
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B-1 INCH MAP

**N/H**

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\*Delete as appropriate

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