



54M SK 47 S.E./75 54M

MARKHAM COLLIERY

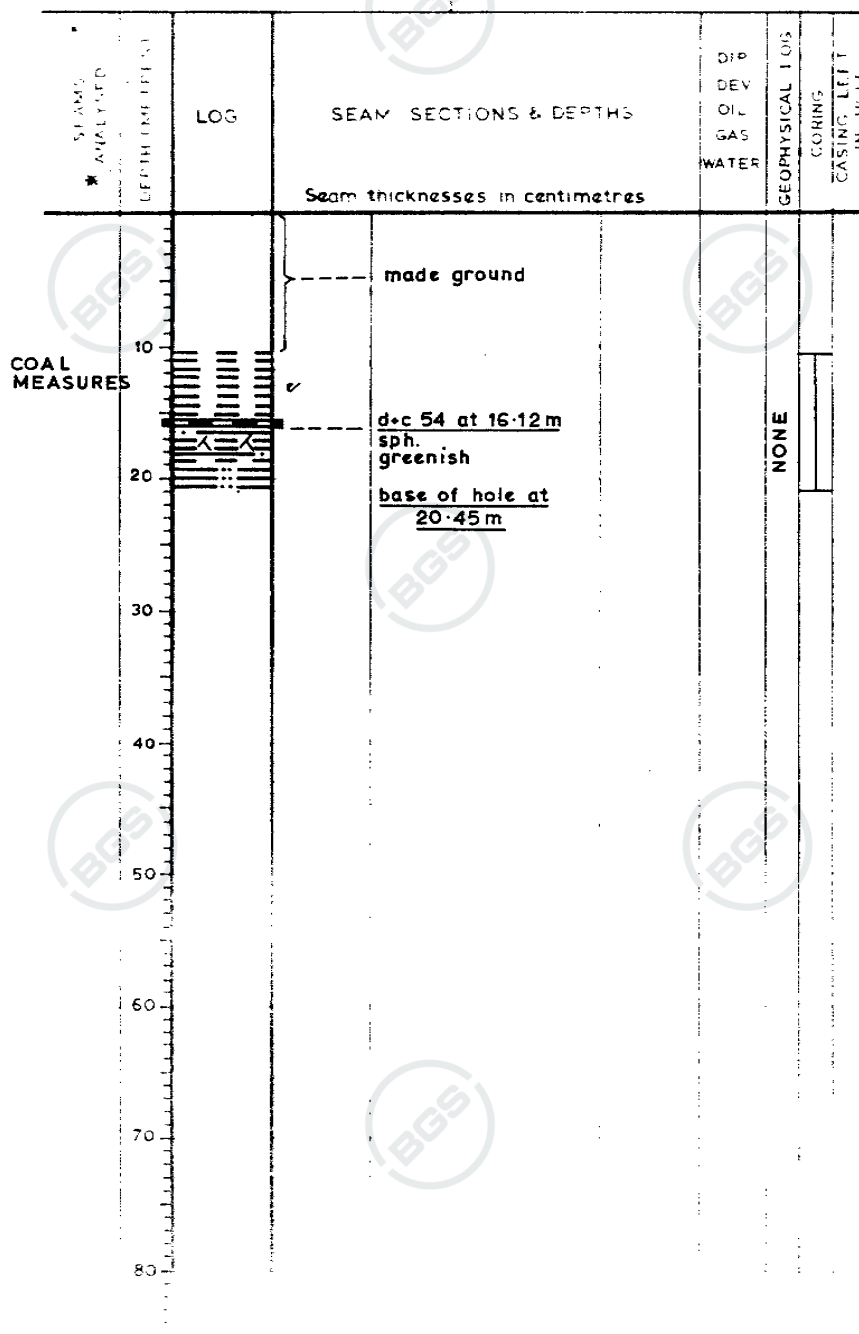
Borehole No.12 for proposed  
surface drift (1985)

E 445192·8

DATE March / April 1985

N 372142·8

STARTING LEVEL + 67·19 m O.D.





SK 47 SE/75

Section of: Markham Colliery Borehole No. 12  
for proposed surface drift (1985)

Purpose: Site investigation

(Nat. Grid, Sheet & Qtr.) B/H REG. NO.

Exact Site: E.445 192.8  
N.372 142.8

SK 47 SE

54M

Level at which bore commenced relative to  
O.D. +67.19m.

Date of Drilling: 31.3.85 to 1.4.85

Driller: Soil Mechanics Ltd.,  
Cores examined by R. E. Brown, N.C.B. Geologist

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		m	cm	m	cm
	<u>See also the geotechnical log by Soil Mechanics Ltd.</u>				
	<u>Open hole to 10.25 m</u>			0	00
<u>MADE GROUND</u>	Colliery spoil	10	25		
(approx. boundary)	<u>Cores from 10.25 m</u>			10	25
<u>COAL MEASURES</u>					
Mudstone	Laminated, plastic; completely weathered in top 0.60; ironstone bands and lenses with rare mussels; laminated	5	33	15	58
<u>DIRT &amp; COAL</u>	mudstone dark, common coal laminae; common roots including Stigmaria	0	54		
Seatearth:				16	12
Mudstone	very soft and plastic, vague lamination which is distorted; abundant roots; occasional ironstone nodules	0	23	16	35
Mudstone	silty; abundant roots; abundant polished surfaces; occasional ironstone nodules; plastic; sphaerosiderite lumps below 17.50 sphaero siderite 0.09 at 18.07	1	72	18	07

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Mudstone	silty; fairly well laminated; friable; not plastic; locally brownish near top becoming vaguely greenish downwards; no fossils or roots seen	0	71	18	78
Siltstone	medium; vaguely laminated; greenish; no fossils seen	0	12	18	90
Siltstone	medium; poorly laminated; sporadic comminuted plant debris; sporadic fine sandstone laminae and lenses	1	55+		
<u>Base of hole at 20.45 m</u>				20	45

JR/1178R/01/BS