

54G

SK 47 S.E. / 70

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MARKHAM COLLIERY

Borehole 7 for proposed
surface drift (1985)

[illegible]



SK 47 SE/70

Section of: MARKHAM COLLIERY NO. 7 Borehole
for proposed surface drift

Purpose: Site investigation

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

Exact Site: E.445236.7
N.372023.7

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Level at which bore commenced relative to
O.D. +68.68 m.

Date of drilling: 19.3.85 to 22.3.85

Driller: Soil Mechanics Ltd.

Samples and cores described by D. Norbury, Soil Mechanics 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 19.70 m</u>				
				0	00
<u>MADE GROUND</u>	Colliery fill	6	80	6	80
<u>ALLUVIUM</u>	Clay, firm, green-grey, occasional rootlets	0	40	7	20
	Clay, stiff, orange/brown/grey mottled; occasional rootlets	1	50	8	70
	Clay, stiff, green-grey; occasional rootlets	0	90	9	60
	Clay, with assorted gravel fragments	0	60	10	20

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COAL MEASURES

Clay	laminated, dark grey, weathered	1	30	11	50
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Mudstone	laminated; weak and weathered	8	20	19	70
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Cores from 19.70 m:

Mudstone	weathered	2	40	22	10
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Siltstone	laminated, weathered	1	35	23	45
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Mudstone	laminated, grey, weathered	0	60	24	05
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Mudstone	carbonaceous	0	25	24	30
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<u>COAL</u>	bright, with mudstone laminae	0	15	24	45
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Seatearth:

Mudstone	dark grey, laminated, weathered	0	55	25	00
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Siltstone	light grey, laminated, weathered, abundant plant remains	2	15	27	15
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Siltstone	dark and light grey, laminated. weathered	1	65	28	80
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Siltstone	with occasional sandstone laminae	1	60+	30	40
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Base of hole at 30.40 m

Photographs of the cores are available in the
report by Soil Mechanics Ltd. on the
proposed Markham Colliery surface drift, 1985.

JR/0111r/PH