



54P

SK 47 S.E./77

54P

MARKHAM COLLIERY

Borehole No.14 for proposed
surface drift (1985)

| E 445222.0 N 372046.4 | | DATE April 1985 STARTING LEVEL +68.01 m O.D. | | | |
|--------------------------|----------------|---|---|-----------------------------------|--|
| SEAMS ANALYSED * | DEPTH (METRES) | LOG | SEAM SECTIONS & DEPTHS Seam thicknesses in centimetres | DIP DEV OIL GAS WATER | GEOLOGICAL LOG CORING PARING TEST IN 1985 |
| | | | | | |
| COAL MEASURES | 10 | | made ground | | NONE |
| | | | alluvium | | NONE |
| | 20 | | base of hole at 20.30 m | | |
| | 30 | | | | |
| | 40 | | | | |
| | 50 | | | | |
| | 60 | | | | |
| | 70 | | | | |
| | 80 | | | | |



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Section of: MARKHAM COLLIERY, Borehole No. 14
for proposed surface drift (1985)

Purpose: Site investigation

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

Exact Site: E.445 222.0
N.372 046.4

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Level at which bore commenced relative to
O.D. +68.01m.

Date of drilling: 1.4.85 to 3.4.85

Driller: Soil Mechanics Ltd.,
Samples examined by D.R. Norbury,
Soil Mechanics Geologist

| GEOLOGICAL CLASSIFICATION | NATURE OF STRATA | THICKNESS | | DEPTH | |
|---|---|-----------|-----|-------|----|
| | | m | cm | m | cm |
| <u>See also the geological log by Soil Mechanics Ltd.</u> | | | | | |
| <u>Open hole, no cores</u> | | | | | |
| <u>MADE GROUND</u> | Colliery Spoil | 5 | 80 | 0 | 00 |
| | | | | 5 | 80 |
| <u>ALLOVIUM</u> | clay, grey-green, with decayed rootlets and twigs | 1 | 90 | 7 | 70 |
| | clay, brown mottled light grey | 0 | 50 | 8 | 20 |
| | clay, grey-green; rare coal gravel, frequent rootlets and twigs | 1 | 00 | 9 | 20 |
| | clay, brown and light grey mottled black | 0 | 30 | 9 | 50 |
| | clay, grey, with a little angular gravel and pockets of brown sand | 0 | 45 | 9 | 95 |
| <u>COAL MEASURES</u> | | | | | |
| Mudstone | dark grey, laminated, weak and highly weathered | 5 | 05 | 15 | 00 |
| | passage | | | | |
| Mudstone | grey, laminated, weak and highly weathered | 5 | 30+ | 20 | 30 |
| Base of hole at 20.30m | | | | | |

JR/1167R/04/KK