

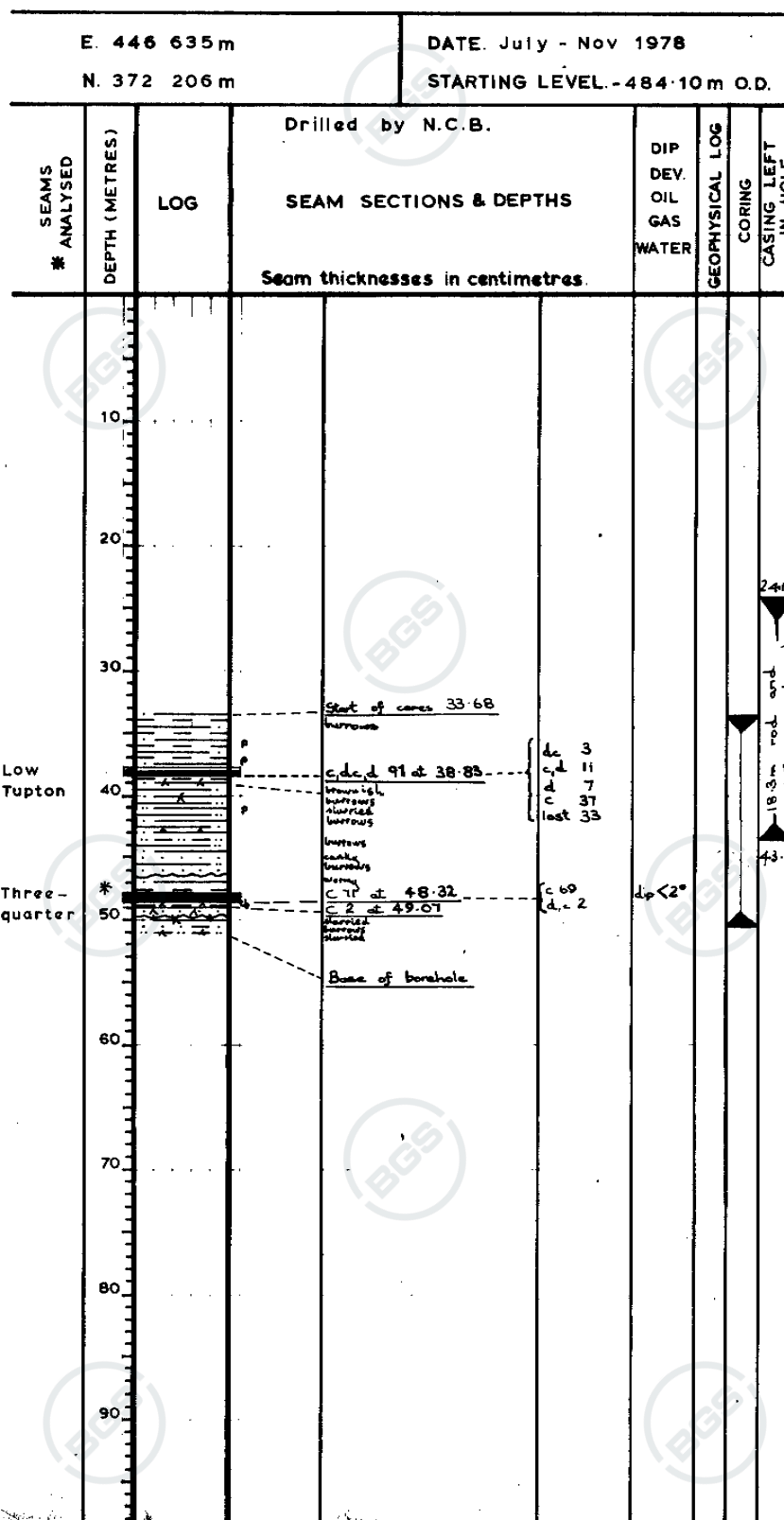


-- APR 1979

48	SK 47 SE /55	48
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MARKHAM COLLIERY No.13 (1st. Piper L.21's M.G.)

UNDERGROUND DOWNBORE



FOR P 70  
SERIES 680

15 APR 1979

COMMERCIAL IN CONNECTION WITH

Section of MARKHAM COLLIERY 1ST PIPER

L 21'S MG UG NO 13 DOWNBORE

Purpose To prove the Threequarter Seam.

Exact Site	National Grid Co-ordinates
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E446 635 metres

N372 206 metres

Level at which bore commenced relative to O.D. -484.1 m

Date of sinking or boring July - November 1978

Borers. NCB North Derbyshire Area Drilling Team.

Borer in charge. Mr B Ward

Cores examined by Mr J A Smith, NCB Geologist.

8-INCH MAP	B/H REGD. No.
SK 47SE (County, Sheet and Qtr.)	55
SK47SE (Nat. Grid, Sheet & Qtr.)	48 <del>55</del>

[illegible]

FORM P 71  
SERIES 680

50 APR 1977

**COMMERCIAL IN CONFIDENCE**

Section of MARKHAM NO 13 U/G B/H

6-INCH MAP	B/H
Sk 47 SE	<del>49</del>

\*Delete as appropriate

[illegible]

FORM P 71  
SERIES 680

50 APR 1977

COMMERCIAL IN CONFIDENTIAL

Section of ..... MARKHAM NO 13 U/G B/H

6-INCH MAP

B/H

SK 475E

55

\*Delete as appropriate

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		m or ft*	cm or in*	m or ft*	cm or in*
				41	12
Siltstone	fine with common thin sandstone laminae, rare minor erosion surfaces; common burrows, rare plant fragments	0	71		
	passage			41	83
Siltstone	fine, unlaminated, abundant burrows, common plant fragments in basal 0.08	0	92		
				42	75
Siltstone	fine poorly laminated; abundant plant fragments and burrows, common rootlets with small ironstone nodules in top 0.10	0	51		
	passage			43	26
Siltstone	fine and sandstone fine 50:50 interlayered abundant burrows in basal 0.30	0	71		
				43	97
	first hole abandoned, rig moved over and re-started				
Siltstone	fine with common thin sandstone fine laminae abundant burrows	0	28		
				44	25
Siltstone	fine, unlaminated, barren sharp	0	30		
				44	55
Sandstone	fine with rare thin siltstone fine laminae common minor erosion surfaces; canky in parts.	0	54		
				45	09
Siltstone	fine, with common thin sandstone fine laminae in top 0.15; locally abundant burrows	0	76		
				45	85
Sandstone	fine with rare thin siltstone fine laminae common minor erosion surfaces erosive	0	68		
				46	53
Siltstone	muddy, poorly laminated; common worm tracks, rare plant fragments	0	89		
				47	42
	CORE BOXED 47.42 - 48.51				
Mudstone	silty, light grey, poorly laminated assumed adjacent	0	19		
				47	61

FORM P 71  
SERIES 680

13 APR 1977

6-INCH MAP	B/H
SK47SE	4958

Section of MARKHAM NO 13 U/G B/H

\*Delete as appropriate

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		m or ft*	cm or in*	m or ft*	cm or in*
				47	61
<u>THREE- QUARTER</u>	coal, bright 26 cylinders				
	coal, bright 23 fragments				
	coal, bright 8)				
	coal, dull 3) cylinders				
	coal bright 9)				
	coal and dirt 2 fragments				
	71				
	Recovery 96%, dip less than 2°	0	71	48	32
Seat Earth					
Siltstone	light grey	0	91	48	51
Siltstone	muddy, unlaminated; common plant fragments, common rootlets	0	33	48	84
Mudstone	silty, carbonaceous, laminated; rootlets and root nodules in top 0.08, listric in parts attached	0	21	49	05
<u>COAL</u>	cylinders	0	02	49	07
Sandstone	fine, unlaminated, abundant rootlets, Stigmara in top 0.15 erosive	0	79	49	86
Siltstone	fine with rare thin irregular sandstone fine laminae; slurried in basal 0.10, abundant rootlets	0	53	50	39
Sandstone	fine with common thin siltstone fine laminae common burrows, rare rootlets	0	41	50	80
Siltstone	fine and sandstone fine, slurried	0	23	51	03
Siltstone	fine with common thin sandstone fine laminae common rootlets	0	10	51	13
	Base of borehole				



