



Committee County, Sheet and Out. SK 475E L 21'S MG UG NO 13 DOWNBORE SK47SE Wational Grid Co-ordinates E446 635 metres N372 206 metres E446 635 metres N470 107	ERIES 680		B'O APR 19	\ 3 /2		B-INCH MAP	B/H REGD.
MARKHAM COLLIERY IST PIPER I 21'S MG UG NO 13 DOWNBORE Late of Standard Grid Co-ordinates E446 635 metres N372 206 2071 2071 2071 2071 2071 2071 2071 2071		COMM	HC.AL IN COMME	117. MESA			
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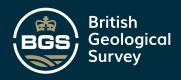
FORM P 71 SERIES 680

COMMERCIAL IN CONFIDENCE

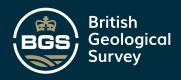
8-INCH MAP	` B/H	
Sk 47 SE	-49	5

Section of MARKHAM NO 13 U/G B/H

				*Delete as appropriate			
GEOLOGI CAL				THICKNESS		DEPTH	
CLA	SSIFICATION	NATURE OF STRATA	m or ft*	cm or in*	morft*	cm or in	
	1.						
C		Start of coring			33	68	
		·					
	Siltstone	muddy, fine in parts, poorly laminated:	 				
	SILCSCOME	maddy, fine in parts, boorty taminated;					
		locally abundant worm tracks and burrows.					
por un		plant fragments from 35.20 to 35.50	4	14			
(* . `					37	82	
	Siltstone	muddy, laminated; abundant flat-lying plant				İ	
		fragments	0	10			
		detached			37	92	
	LOW TUPTON	0.33 Core lost between 37.92 and 39.11					
	LOW TOPION	U.33 Core lost between 37.92 and 39.11				·	
		coal, dirty, slightly 3 broken cylinders					
		canneloid					
		carbonaceous mudstone.					
		coal and canneloid coalll fragments					
		mudstone carbonaceous					
						-	
		•					
		coal 15 cylinders					
		coal, dull 2 cylinders	<u> </u>				
		coal, fusion partings 9 broken cylinders	ŀ				
		coal 11 cylinder					
		0.58					
		58 + 0.33	0	91			
		+ 0.33				-00	
		7-1-1-1			38	83	
		detached					
	Seat Earth						
	Mudstone	silty, unlaminated, brownish, with abundant					
	•	rootlets, and ironstone, fragments only					
		recovered	0	28		,	
		Tecovered	.0	20			
			/		39	11	
	ł	1					
	Siltstone	fine, unlaminated, brownish, abundant					
	,	rootlets	0	82			
		passage			39	93	
					.,,.,		
	Siltstone	fine, unlaminated; common burrows, rare					
	DII CS COME						
		rootlets	0	18		··· -	
					40	11_	
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	Siltstone	fine with sandstone fine, common minor					
		erosion surfaces; common burrows, sporadic					
,	•	rootlets	0	40			
		TOOCIECS	 	40			
					40	51	
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	Siltstone	fine with sandstone fine, slurried, abundant		1			
		comminuted plant debris	0	61			
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6-INCH MAP B/H FORM P 71 15 0 APR 1977 SERIES 680 55 SK 475E COMMERCIAL IN CONFIDENCE MARKHAM NO 13 U/G B/H Section of *Delete as appropriate THICKNESS DEPTH GEOLOGICAL CLASSIFICATION NATURE OF STRATA m or ft cm or in morft* cmorin* Siltstone fine with common thin sandstone laminae, rare minor erosion surfaces; common burrows, rare 0 71 plant fragments passage 41 83 Siltstone fine, unlaminated, abundant burrows, common plant fragments in basal 0.08 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 97 43 first hole abandoned, rig moved over and re-started Siltstone fine with common thin sandstone fine laminae abundant burrows 28 0 44 Siltstone fine, unlaminated, barren 30 44 55 sharp Sandstone fine with rare thin siltstone fine laminae common minor erosion surfaces; canky in 0 54 parts. 45 09 Siltstone. fine, with common thin sandstone fine laminae 76 in top 0.15; locally abundant burrows 0 45 85 Sandstone fine with rare thin siltstone fine laminae common minor erosion surfaces 0. 68 erosive 46 53 muddy, poorly laminated; common worm tracks Siltstone rare plant fragments 89 47 42 CORE BOXED 47.42 - 48.51 Mudstone silty, light grey, poorly laminated 19 47 61 assumed adjacent



FORM P 71 6-INCH MAP B/H B 0 APR 1977 SERIES 680 SK47SE COMMERCIAL IN GUNFIDE TOLE Section of MARKHAM NO 13 U/G B/H *Delete as appropriate THICKNESS DEPTH GEOLOGICAL CLASSIFICATION NATURE OF STRATA m or ft* cm or in* morft* cmorin* 47 THREE-QUARTER 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 Õ 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 0 21 attached 49 05 COAL cylinders 49 07 Sandstone fine, unlaminated, abundant rootlets, Stigmaria in top 0.15 79 erosive 49 86 Siltstone fine with rare thin irregular sandstone fine laminae; slurried in basal 0.10, abundant rootlets 39 Sandstone fine with common thin siltstone fine laminae common burrows, rare rootlets 0 41 50 80 Siltstone fine and sandstone fine, slurried 23 03 Siltstone fine with common thin sandstone fine laminag common rootlets 0 10 51 13 Base of borehole

