



Form P.70  
(Series 610)



SECTION OF RAMCROFT NO. 6 UNDERGROUND BOREHOLE

PURPOSE To prove reserves in the 2nd Waterloo Seam.

EXACT SITE Nat. Grid Reference E.445945  
N.368235

LEVEL AT WHICH <sup>START</sup> bore COMMENCED RELATIVE TO O.D. - 740 ft. B.O.D.  
<sub>ENDS</sub>

DATE OF SINKING OR BORING July/August 1965

SINKER OR BORER National Coal Board

(County, Sheet and Qtr.)

SK 46 NE / Sh

(Nat. Grid, Sheet and Qtr.)

Regd. No

29

Attach tracing from a map or  
sketch map if possible

Added to file  
ASH 31/8/88.

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
	OPEN HOLE	21	6	21	6
	Seatearth, coarse siltstone becoming sandy downward, Stigmaria.	1	0	22	6
	Coarse sandy siltstone, disturbed laminae and rootlets.	2	6	25	0
	Siltstone, ferns, rootlets.		4	25	4
	Mudstone, dark, 2" ironstone at top, abundant plants and Guillemites	1	4	26	8
	Coarse siltstone, rootlets, sandy layers towards base, strap plants, ironstone nodules.	3	6	30	2
	Siltstone and sandstone laminae and layers, irregular, ferns and strap plants, sandstone dominant towards base, upright stem in basal 12", irregular base of bed formed by upright stem.	4	7	34	9
	Siltstone, irregular, ironstone nodules, ferns and plant stalks.	5	6	40	3
	Mudstone, abundant plants including Lycopods, passes to siltstone 42' 9" to 43' 9", small ferruginous patches, Fine siltstone occasional plant fragments.	3	8	43	11
	Mudstone with ferruginous patches, plants including Lycopods abundant towards base.	3	4	47	3
	Seatearth, immature, fine sandstone with siltstone laminae, irregular laminae, pyrites, stigmaria, ferruginous patches.	1	10	49	1
	Fine sandstone, micaceous planty planes, rib and furrow structure.	1	8	50	9
	Siltstone and fine sandstone layers and laminae, micaceous planty planes.	1	6	52	3
	Sandstone, fine to medium, micaceous planty planes, well cemented in places, mineralised points, thin crosslaminated units in lower part.	1	3	53	6
	Coarse siltstone, few sandy laminae down to 68' 6" greatly deformed above 66".	10	0	63	6
	Fine siltstone with ironstone bands and lenses few plants including Pinnularia	6	6	70	0
	Mudstone, laminated ironstone bands, silty towards top, few Non-Marine Lamellibranch around 70", scattered Anthracosia, abundant Beloraphe.	2	6	72	6
		6	7	79	1



(Series 610)

SECTION OF

SK46NE5/H.

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
C.S.L. Report No. 3774	Brought forward			79	1
	Mudstone, dark grey, abundant				
	Guillemites, abundant Spirorbis and				
	Non-Marine Lamellibranch and				
	Ostracods.		7	79	8
	( Mudstone, grey, shaly.		10	80	6
	( Dark grey shale.		9	81	3
	(				
	( Coal 25" )				
	( Dirt 22" )				
	( Cannel 3" )				
	( Coal 1" ) 2nd WATERLOO SEAM	7	1	88	4
	( Dirt 7" )				
	( Coal (dirty) 1" )				
	( Dirt 12" )				
	( Coal and dirt 2" )				
	( Coal 12" )				
	( Seatearth, siltstone light grey.		9	89	1
	Seatearth, siltstone, rootlets ferruginous patches.	1	3	90	4
	Siltstone, ironstone nodules, rootlets, plant stalks, occasional muddy layers.	3	7	93	11
	Base of borehole at 95'0"				
	Cores examined by R.E. Elliott, Geologist.				
	<p>N.B. Two holes were drilled on this site, the core of 2<sup>nd</sup> was being ground away on the 1<sup>st</sup> hole. M/C was moved over 1'-3' to position for the 2<sup>nd</sup> hole.</p> <p>BT. 3/2/75.</p> <p>A hole had also been drilled to 58" and abandoned, 24 ft away from the above site. Caving had caused problems. all holes were cement sealed. Locs E445952 N368235.</p>				

SK46NE5/H

3.

Borehole Data and History

Borehole: Ramcroft Colliery No. 6 Underground Downbore  
Approximate Location: 800 yds. N.15°E of Ramcroft Colliery  
National Grid Reference: E.445945 N.368235  
6-inch Sheet S.K. 46. N.E.  
Level of origin: Floor of First Waterloo Seam 739.9 ft. B.O.D.  
Date of drilling: Commenced 5th August, 1965.  
Finished 23rd August, 1965  
Contractor: N.C.B.  
Boremaster: C. Gray.

Depth (ft)	Diam. of Core (in)	Diam. of Hole (in)
0 - 21½	Open hole	4
21½ - 95	2.7/8	3¾

Drilling Difficulties: None

Method of sealing off borehole: Cement Plug

Purpose fulfilled by borehole: To prove reserves in Second Waterloc

2 holes put down 1'-3" apart.  
Both cement sealed.

3774

2 holes were also drilled @ E 445945  
1st one to 106' (poor core) N 368 23  
2nd one to 58' (cavings) 1'-6" apart  
Both H.Tes cement filled