

SK 47 SE / 18

SECTION OF BOLSOVER COLLIERY, No. 10 Underground Borehole,
(on 11's return airway, west level)

PURPOSE drilled from Deep Hard roadway to prove seams down to
the Threeparters

EXACT SITE National Co-ordinates :

E 445380

N 370302

✓ agrees with NCB
Super plan 1976

LEVEL AT WHICH ~~start~~ ^{bore} COMMENCED RELATIVE TO O.D. - 1640 ft.

DATE OF SINKING OR BORING May - June, 1960

SINKER OR BORER N.C.B. rig.

6-inch Map	N/N Sheet No.
KEY	15
(County, Sheet and Grid)	
(Nat. Grid, Sheet and Grid)	1112/269
Attach tracing from a map or sketch map if possible	
One copy of this by with site plan to E. G. Smith. RMB 6-10-60	

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
UPPER CARBONIFEROUS WESTPHALIAN A					
Siltstones	No Cores grey, muddy in parts, few sandy laminae, occasional ripples, worm burrows, strap-plants, occasional "ferns", little micaceous.	12	0	0	0
Mudstone	Passage silty, grey, worm burrows, few strap-plants, vague laminae, ironstone lenses, a small pyritic lamellibranch at 33/0.	18	0	12	0
Mudstone	grey, light and dark laminae, shaly near base, ironstone lenses, 'tracks', Sinuities @ 36/0, few non-marine lamellibranch fragments around 37/6, Cynochorda @ 39/0, darker in basal 0/6	30	0	30	0
COAL	FIRST PIFER: Complete core	4	6	34	6
Mudstone	Blackish, listric, shaly, coal laminae, Stigmara, Lycopods.	4	6	39	0
COAL	bright, very even laminar.	1	6	40	6
Seat Earth	Siltstone, grey, listric, Stigmara, strap-plants, irregular ironstone nodules: 44/6 - 45/6	2	7	43	1
	Mudstone, blackish, listric, shaly, Lycopods, strap-plants, Stigmara.	0	2	43	3
COAL	dirty	2	9	46	0
COAL	SECOND PIFER:	0	10	46	10
Seat Earth	Siltstone, fine, unbedded, listric, Stigmara, root nodules 54/0 - 54/0	0	5	47	3
Siltstone	Passage light grey, rootlets, unbedded	1	8	48	11
Siltstone	light grey, vague laminae in parts, sandy in parts, rare plant fragments, poorly graded	6	1	55	0
Sandstone	Passage fine, light grey, laminated in parts, micaceous, plant debris.	5	0	60	0
		6	0	66	0
		4	6	70	6



SK47SE/18

6-inch Map

B/H

XXVI

NW

LS

SECTION OF BULLOVER COLLIERY. No. 10 Underground Borehole.

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
WESTPHALIAN A					
Siltstone	light grey, vague laminae in parts, sandy in parts occasional plants shreds, poorly graded	7	5		
	Sharp			77	11
Mudstone	grey, dark grey, shaly, Ostracods	0	3		
	Passage			78	2
Cannel	blackish, vitreous 78/7 - 80/4, shaly elsewhere, Ostracods in top 0/4, pyritic Anthracosid 0 78/6, fish spine 0 80/0	2	0		
	Passage			80	2
Mudstone	dark grey, shaly, occasional Ostracods non-marine lamellibranch fragments	0	2		
	Passage			80	4
Mudstone	well laminated, light and dark laminae two ironstone layers	2	0		
				82	4
Shale	blackish, cannelly, fish remains, Ostracods	0	4		
				82	8
Siltstone	Mussel band; fine ferruginous, crowded calcic Carbonicola	0	7		
				83	3
Mudstone	grey, vague laminae, few fish remains	1	1		
				84	4
COAL	brights, complete cone, 0/3 dirt band 0 0/2 up	0	9		
				85	1
Seat Earth	Mudstone, passing into Siltstone in middle third, grey, listric, unlaminated, Stigmatis, shaly with guillemotites near base, few irregular ironstone lenses in basal foot	3	2		
	Sharp, irregular			88	3
Siltstone	and fine sandstone, light and pale grey, interlaminated, micaceous, ripples, worm burrows, 'strap plants', non-marine lamellibranchs (small) 0 94/6	7	0		
				95	3
Siltstone	grey, many sandy laminae, many "tracks", plant debris planes, few ripples	2	3		
	Passage			97	6
Siltstone,	fine, grey, vague laminae few non-marine lamellibranch fragments, common worm burrows, few small Anthracosids 99/6 - 100/6, occasional ironstone bands and lenses	5	0		
	Passage			102	6
Mudstone	silty, grey, vague laminae, 'tracks', few non-marine lamellibranchs (some with paired but open valves)	1	6		
	Passage			104	0
Mudstone	grey, vague laminae, few Anthracosids and Naiadites (except in light and dark laminae band with Sinusites: 0/3 0 105/0), ironstone lens; Ostracods near base	2	6		
	Sharp			106	6
Mudstone	Mussel band; ferruginous, abundant large calcic Carbonicola	1	9		
				108	3
Mudstone	grey, darkish, many large Carbonicola, scattered Ostracods, few lenticular ironstone bands, few 0/1 layers with crowded mussels,	7	3		
				115	6
Shale	blackish occasional shell and plant fragments, abundant small "bieds", Legidodendron near base	1	6		
				117	0

P6227-04

SK47SE18

Line Map

B/H
15

SECTION OF BGLSOVER COLLIERY. No. 10 Underground Borehole.

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
WESTPHALIAN A					
Mudstone	blackish, and COAL interlaminated, Stigmara, a 1/2" irregular pale gritty layer	0	3	117	3
Seat Earth	Siltstone, fine, blackish Mudstone with coal laminae in top 0/2, Stigmara, many root-modules: 117/9 - 118/6	2	2	119	5
Sandstone	Sharp irregular fine, off-white, Stigmara, irregular micaceous planty planes	0	6	119	11
Mudstone	silty, dark grey, abundant rootlets, few sandy bands with micaceous planty planes	5	10	125	9
Shale	blackish, few Ostracods	1	9	127	6
Mudstone	Passage dark grey, shaly, abundant Carbonicola (large, calcic, tending to concentrate in layers) abundant Ostracods including Geisena arcuata	9	0	136	6
Mudstone	grey, unlaminated, few Carbonicola, dark and shaly near base with fish, guillemites near base	2	1	138	7
COAL	TOPTON and dirt 3/9 COAL 3/0 about 0/8 core lost towards top	6	9	145	4
Seat Earth	Mudstone, creamy grey, listric, Stigmara, Sharp	0	11	146	3
Sandstone	fine, massive, off-white, creamy near top, greenish in part, abundant rootlets	5	9	151	0
Siltstone	Interbedded coarse, light grey, mainly massive, but sandy with laminae in few parts, scattered mica, many 'strap-plants', Calamites	8	0	159	0
Siltstone	Passage sandy laminae, micaceous planty planes, even laminae, occasional ripples	3	0	162	0
Sandstone,	Interbedded fine, off-white, very micaceous planty planes, more massive basally	4	0	166	0
Siltstone,	Sharp light grey, unlaminated, worm burrows, ferruginous patches around oblique bedded plant stems, Fine Sandstone layers: in top foot and basal 0/6, Pelecypodichnus in basal 0/6	3	6	169	6
Sandstone	Sharp fine, massive, greenish white, well cemented (Cank) Sharp	0	6	170	0
Siltstone	fine, grey, 'tracks' vague laminae, a small non-marine Lamellibranch 172/6, muddy and well laminated near base	4	0	174	0
COAL	THREQUARTERS: bright, fragmented near top and at base	2	9	176	9
Seat Earth	1) Siltstone, dark grey, strap plants, rootlets, unbedded	0	5	177	2
	2) Sandstone, light grey, vague laminae, plant fragments, rootlets	1	4	178	6

P622T-OM



SECTION OF ... ROLCOVER COLLIERY. No. 10 Underground Borehole.

SK47SE18

6-inch ap

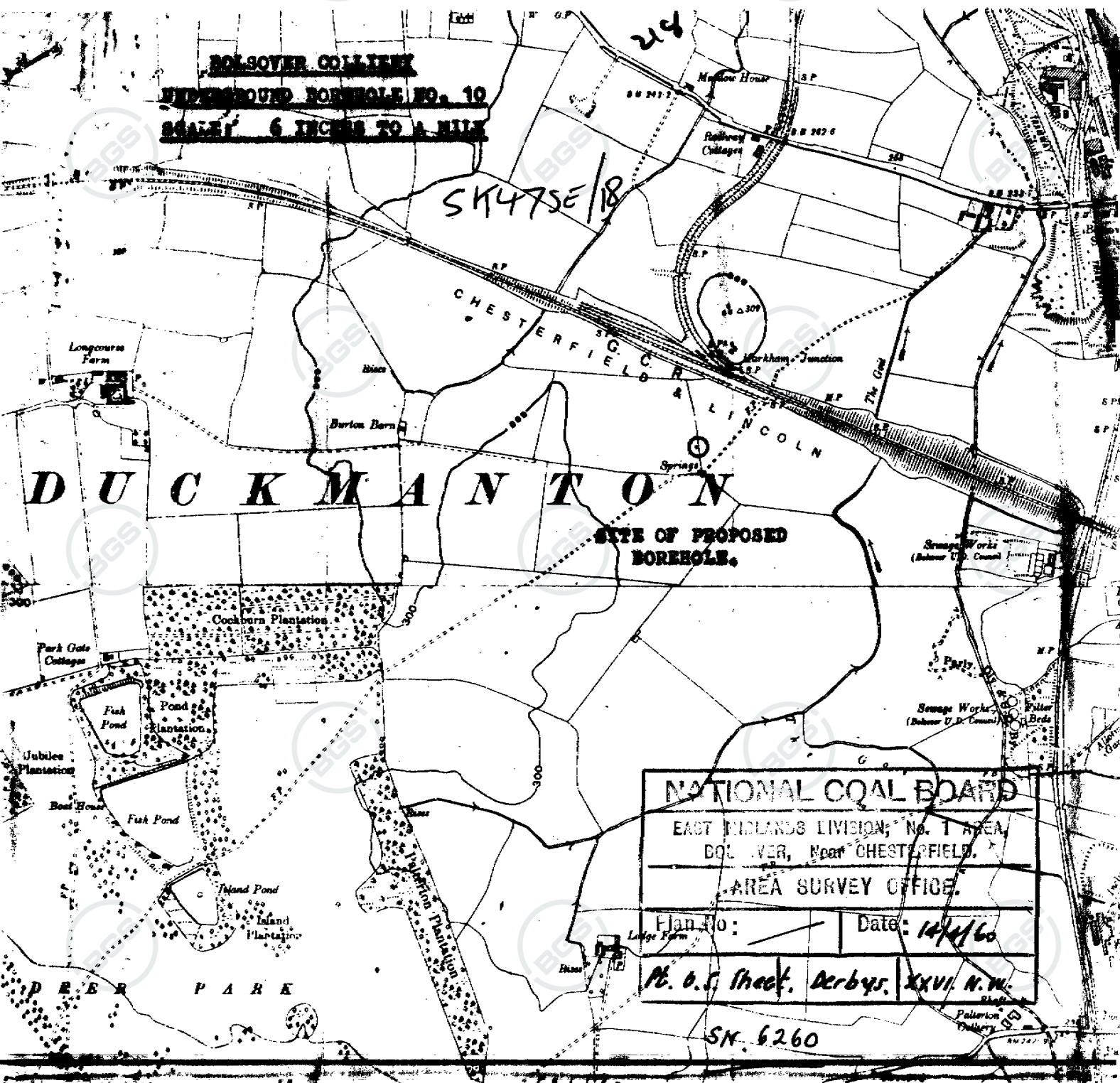
B/H

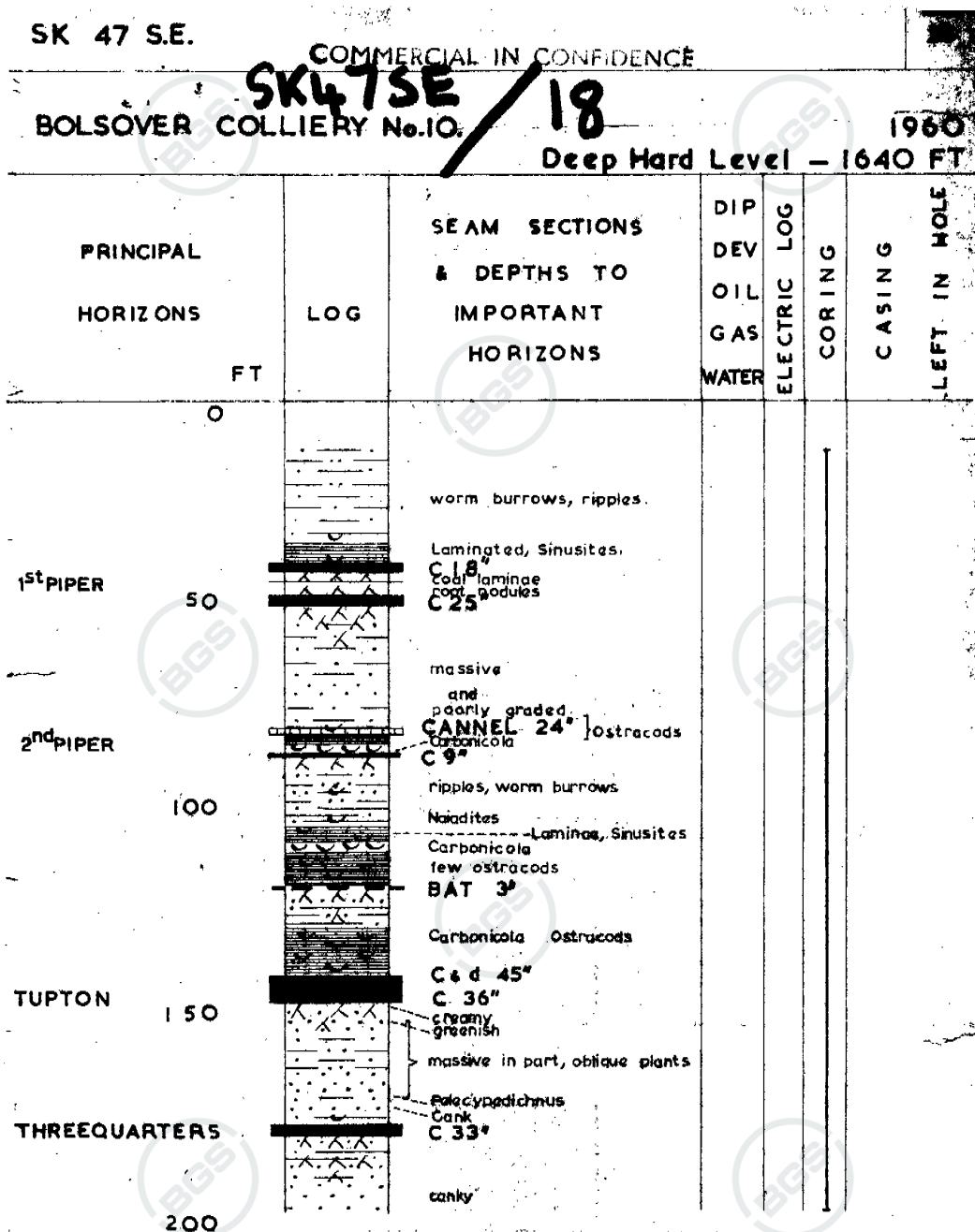
LS

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
WESTPHALIAN A	3) Siltstone, sandy, vague laminae, rootlets, small ironstone nodules	0	5	170	0
Siltstone	fine, dark grey, rootlets, unlaminated, sharp	1	6	170	6
Seat Earth	1) Mudstone, listric, rootlets, creamy grey	0	6	171	0
	2) Sandstone, fine, well oriented, calcareous, bituminous, ferruginous pitted	1	6	172	6
Siltstones	and fine sandstone, thickly interbedded, laminar in parts, rootlets near top, some burrows, few micaceous platy planes	7	0	179	6
Sandstone	fine, off-white, mainly tough with calcite vein, few micaceous platy planes	4	6	184	0
BOTTOM OF HOLE					

OS. May 1981

PG227-CN





DEPTH OF BOREHOLE 194'0"

N.G. CO-ORDS E 445400
N.370300

N.B. Cores examined by R. E Elliott Geologist N.C.B.

N.C.B. E.M.D. No.1. AREA.