



Form F.10
(Series 610)

3 SK 46 NE/2

Regd. No

SECTION OF STOCKLEY FARM SURFACE BOREHOLE.

(County, Sheet and Qtr.)

PURPOSE TO PROVE CLOWNE SEAM.

SK 46 NE
(Nat. Grid, Sheet and Qtr.)

28

EXACT SITE N.G. Ref. E. 446364
N. 367633

Attach tracing from a map or
sketch map if possible

LEVEL AT WHICH ~~XXXX~~ ^{bore} COMMENCED RELATIVE TO O.D. + 262.30 Ft.
~~XXXX~~

DATE OF SINKING OR BORING NOV. 64/JAN.65

SINKER OR BORER NATIONAL COAL BOARD.

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
	Clay soil, dark brown	3	6	3	6
	Clay, rusty brown	4	6	8	0
	Clay, plastic, grey mottled brown, occ ironstone nodules towards base - seatearth.	3	6	11	6
	Clay, plastic, grey, few carbonaceous patches	1	6	13	0
	Sandstone, fine, rusty patches, micaceous, few ripples	14	0	27	0
	Siltstone, grey, strap plants, fern, 114 ¹¹⁴	3	6	30	6
	Siltstone sandy laminae, plant debris, occ. ripples	2	6	33	0
	Sandstone, plant fragments and mica	1	6	34	6
	Siltstone, finestrap plants	1	0	35	6
	Mudstone, grey wormy, darker below 45/.				
	ironstone @ 46/, 2" ironstone at ? 49/.	20	0	55	6
	Mudstone, grey, broken core	1	0	56	6
	Mudstone, dark grey, shaly and wormy	2	0	58	6
	Shale, blackish, strap plants	1	0	59	6
	Seatearth, mudstone, pale brown, abundant Sphaeroiderites, ironstone near base	1	6	61	0
	Core lost.	11	0	72	0
	Mudstone, passing down to siltstone, wormy sandstone, fine, abundant siltstone laminae, very wormy.	2	8	75	5
	COAL 11"				
	(Abundant mudstone laminae, few sandstone lenticles near top.)	11		76	4
	Seatearth, mudstone, brown listric roots	9		77	1
	Seatearth, siltstone, pale brownish grey, roots.	3	2	80	3
	Seatearth, siltstone, greenish, sphaeroiderites	2	0	82	3
	Siltstone, many sandy laminae, Stigmara, strap plant.	2	3	84	6
	Siltstone, light grey, passing down to mudstone, dark grey, ferruginous patches, roots	3	6	88	0
	Mudstone, blackish, shaly guilliermites	1	6	89	6
	Siltstone, dark grey, ironstone nodules, roots.	1	0	90	6
	Mudstone, dark grey, guilliermites.	3	6	94	0
	Mudstone, grey, "fucoids", lingula, 114 ¹¹⁴				
	ironstone.	2		94	8
	Mudstone, silty, grey, tracks, cank with 'cone in cone' 6" @ 104/-.	9	4	104	0
	Mudstone, grey, few pyritic lamellibranchs				
	104/6 - 106/-, lingula @ 116/9, pyritic pillars near base, fucoids in basal 0 1/2"	14	6	118	6
	Sandstone, fine, siltstone layers and laminae micaceous, much fusain, wormy in parts.	5	0	123	6
	Mudstone, silty near top, laminated, darker with thin ironstone bands towards base, blackish in basal 3"	5	0	128	6
	Sandstone, ganistry, abundant micaceous and fusain layers.	6		129	0

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SECTION OF

SK 46 NE/2

GEOLOGICAL CLASSIFICATION	NATURE OF STRATA	THICKNESS		DEPTH	
		FEET	IN.	FEET	IN.
	Mudstone, dark grey with irregular lenses of brown clay (?TONSTEIN)		9	129	9
	COAL (Inferior) 6"				
	Dirt 4"				
	COAL (Inferior) 2"	1	0	130	9
	Siltstone, fine, grey, abundant strap plants, thin ferruginous bands, pinularia, occ ferns.	12	3	143	0
	Siltstone, coarse, grey, few fine sandstone layers and laminae, mica and plant fragments	5	0	148	0
	Sandstone, medium, felspathic, abundant coaly planes with fusain, few siltstone layers, siltstone fragments @ 155/-, 6" crumples band @ 156/- cross bedding 156/- 162/6 finer towards base.	14	6	162	6
	Siltstone, coarse, ferruginous patches and ironstone nodules, strap plants and ferns, many discordant micaceous sandy laminae 166/6 to base	12	0	174	6
	Siltstone, fine, muddy in part, plant remains	1	0	175	6
	Siltstone, coarse and fine patchy, irregular ferruginous patches, slickensides and many faultlets, vague bedding, disturbed sandy layers 177/- - 179/-	5	10	181	4
	Shale, black, with ironstone lenses, irregular dark brown ironstone with few kaolin oolites at base.		6	181	10
	COAL (Dirty) 3"		3	182	1
	Seatearth, mudstone, grey, roots, irregular ironstone nodules.	4	0	186	1
	Siltstone, grey, rootlets and faultlets, few sandy laminae towards base.	6	5	192	6
	Siltstone and sandstone, irregular layers and laminae, rootlets, ferns and strap plants.	6	6	199	0
	Sandstone, fine, micaceous plant planes, discordant laminae, disturbed in places, coal fragments near base, irregular base.	3	0	202	0
	Siltstone, fine, laminated, plant fragments.	1	0	203	0
	Sandstone, fine with abundant micaceous plant planes.	1	0	204	0
	Siltstone, grey, plant fragments, occ ferns, 6" crumpled band with sandy laminae @ 205/-	11	0	215	0
	Mudstone, laminated, few thin ferruginous layers	5	3	220	3
	Mudstone, dark grey with many thin ironstone layers.	2	3	222	6
	Seatearth, mudstone, light brown, roots, Sphaeroiderites around 225/-	2	9	225	3
	Mudstone, silty, grey, Sphaeroiderites towards top, irregular ironstone nodules towards base, rootlets.	3	9	229	0
	Siltstone, rootlets, irregular, sandstone laminae in top 4" with few siltstone fragments, ferruginous patches.	1	9	230	9
	Sandstone, fine, much mica and plant debris, rootlets.	1	0	231	9
	Siltstone, coarse, passing down to fine rootlets, ferruginous patches, plant debris, occ. sandy laminae.	5	6	237	3
	Mudstone, laminated, thin ironstone layers and lenses from 239/- wormy in parts	3	9	241	0
	Shale, blackish, Anthracosia 241/3 - 242/- and 243/- - base, thin ironstone layers and lenses to 242/3, strong from 246/6	6	9	247	9
	Mudstone, silty, dark grey, with abundant thin shelled lamellibranchs, ostracods and Anthracosia, below 252/6 few lamellibranchs and abundant ostracods 252/6	5	9	253	6

Form P.71
(Series 610)

SECTION OF STOCKLEY FARM SURFACE BOREHOLE.

SKYLINE/2

SK 46 NE

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[illegible]

