



SK46SE/38

SECTION OF Silverhill Colliery Underground
6019 Hole No. S. 4.

Exact Site E. 446 703.15 } N.M.G.
N. 362 746.81 }

Level at which ^{shaft} _{bore} _{drift} commenced relative to O.D. - 985.24' B.O.D.

Date of sinking or boring 1959.

Sinker or Borer N.C.B.

One Inch Geological Map _____

Six Inch Map (County and Quarter Sheet) Sheet 22 S.W.

6 inch Map
Registered No.

Attach tracing from a map or
sketch map if possible

NATURE OF STRATA		THICKNESS		DEPTH	
Geologist's Notes	Borer's Journal	Feet	In.	Feet	In.
Origin Deep Hard				0	0
Open Hole		14	8	14	8
Sandstone, light grey, dark grey, micaceous, silty partings and bands.		5	4	20	0
Mudstone, very silty, grey, occasional light grey sandstone partings.		5	0	25	0
Sandstone, light grey, dark grey, micaceous silty partings and bands.		1	5	26	5
Mudstone, silty, grey, occasional plant fragments, occasional sandy partings.		5	7	32	0
Mudstone, slightly silty, grey, occasional thin ironstone bands.		5	10	37	10
Mudstone, grey.		3		38	1
COAL 2'-6 1/2"					
COAL 3" inferior with fusulin chunks and dirt partings.					
COAL 3 1/2" dirty					
dirt 1" mudstone lustre surfaces.					
dirt 1" mudstone with coal partings					



2

SK 46SE/38

6 inch Map
Regd. No.

SECTION OF Silverhill Colliery v/c. borehole S4
Six Inch Map (County and Quarter Sheet) Notes 22 S.W.

35.

NATURE OF STRATA		THICKNESS		DEPTH	
Geologist's Notes	Borer's Journal	Feet	In.	Feet	In.
COAL 7½" dirty.				38	
dirt 1½" mudstone, bituminous surfaces.					
COAL 4" dirty.		4	4	42	5
<u>Seat Earth</u> , mudstone, grey, tortlels.			1½	42	6½
<u>Mudstone</u> , highly carbonaceous, coal partings			2	42	8½
<u>Seat Earth</u> , mudstone, silty, grey, occasional tortlels.		1	4½	44	1
<u>Mudstone</u> , very silty, grey, light grey sandstone inclusions.			11	45	0
<u>Sandstone</u> , light grey, dark grey micaceous silty partings, 6" silty mudstone band @ 53'-11", silty partings carbonaceous from 58'-8" to base.		26	0	70	0
<u>Sandstone</u> , light grey, silty partings containing fusain pellets @ 71'-0" and rare below, ironstone nodules @ 86'-0", dark grey micaceous silty partings below 89'-0" 6" ferruginous band @ 115'-8" and @ 125'-0", 3" band containing fusain pellets @ 130'-8", ironstone nodules @ 140'-0" coal partings (? washout) from 148'-2" to 149'-8", 6" band containing ironstone nodules and siltstone nodules @ base.		106	10	176	10

SK46SE/38

6 inch Map
Regd. No.

SECTION OF Silverhill Quarry v/g. borehole SK
Six Inch Map (County and Quarter Sheet) Mt 22. S.W.

NATURE OF STRATA		THICKNESS		DEPTH	
Geologist's Notes	Borer's Journal	Feet	In.	Feet	In.
<u>Mudstone</u> , slightly silty, grey, poorly preserved mussels, ? Ostracods @ 177'-8"		2	10	177	8
<u>Mudstone</u> , fairly dark grey, abundant poorly preserved mussels @ 180'-10 4" band shelly ironstone @ base.		1	6	181	2
<u>Mudstone</u> , slightly silty, grey, mussels and Ostracods, Ostracods abundant @ 183'-7", ? Mariadites @ 186'-3" 1" ironstone band @ 186'-5"		10	10	192	0
<u>Mudstone</u> , grey.		4	0	196	0
<u>Mudstone</u> , dark grey, slightly silty, abundant fish debris @ 196'-3" abundant mussels from 197'-0" to 197'-6" less frequent below, 1" ironstone band @ 198'-0" ? Ostracods @ 199'-2" and @ 200'-2" scattered below, 1" ironstone band @ 201'-5" fish debris in bottom 1"		6	9	202	9
<u>COAL</u> 5'-6" Low MAIN (3'-9" seen)		5	6	208	3
<u>Seat Earth</u> , brownish grey, rootlets.		2	3	210	6
<u>Mudstone</u> , grey, occasional rootlets.		4	6	215	0
<u>Mudstone</u> , slightly silty, grey, occasional rootlets.		4	10	219	10
<u>Mudstone</u> , slightly silty, grey, 2" ironstone band @ 221'-0"		4	4	224	2

SK46SE/38

6 inch Map
Regd. No.

SECTION OF Silverhill Colliery 1/4 borehole Sit
Six Inch Map (County and Quarter Sheet) Htts 22 S.W.

NATURE OF STRATA		THICKNESS		DEPTH	
Geologist's Notes	Borer's Journal	Feet	In.	Feet	In.
COAL 2'-#8"	Three quarters. (all seen)	2	8	226	10
Seat Earth, mudstone, grey, very silty	occasional sandy partings.	2	2	229	0
Mudstone, slightly silty, fairly dark grey,	rootlets.	2	4	231	4
COAL 5"			5	231	9
Seat Earth, mudstone, slightly silty, grey.			8	232	5
Sandstone, light grey, rootlets.		2	3	234	8
Sandstone, light grey, dark grey micaceous	partings from 236'-0" to 236'-8"	3	4	238	0
	and below 251'-0", rare plant	30	6	265	2
	fragments @ 251'-0"				
Interlaminated micaceous siltstone grey with	light grey sandstone	1	10	267	0
Mudstone, very silty, grey, becoming finer	towards base.	2	0	269	0
Mudstone, slightly silty, grey, ? worm tracks	vague ? planolites.	2	5	271	5
Mudstone, silty, grey, 1" ironstone band @ 272'-10"		1	5	272	10
Mudstone, grey ? worm tracks, 1" ironstone	band @ 275'-1", fragmentary mud	2	6	275	4
	@ 275'-7"				
Mudstone, slightly silty, grey, fragmentary	mud @ 275'-7" 2" ironstone band	1	8	277	0
	@ 276'-8"				

SK46SE/38

6 inch Map
Regd. No.

SECTION OF Silverhill Colliery 1/4. borehole set
Six Inch Map (County and Quarter Sheet) M716 22 S.W.

NATURE OF STRATA		THICKNESS		DEPTH	
Geologist's Notes	Borer's Journal	Feet	In.	Feet	In.
				277	0
Mudstone, grey, worm tracks, 2" ironstone band @ 278'-5", 3" ironstone band @ 280'-11".		5	0	282	0
Mudstone, dark grey, slightly carbonaceous.			8	282	8
Mudstone, very silty, grey, occasional ironstone patches.			10	283	6
Mudstone, slightly silty, grey, 8" ironstone band @ 284'-5"			11	284	5
Mudstone, slightly silty, rootlets.			5	284	10
Seat Earth, mudstone, grey, rootlets, occasional lentic surfaces.			7	285	5
Mudstone, silty, grey.			2	286	7
Sandstone, light grey.		1	8	287	3
Mudstone, silty, grey, occasional light grey sandy partings in top 2", 2" ironstone band @ 287'-10"		5	0	292	3
Sandstone, light grey, dark grey micaceous silty partings and bands.		7	11	300	2
Mudstone, silty, grey, occasional light grey, sandy partings, ? , lamolites @ 302'-0" and below.		9	10	310	0
Mudstone, silty, grey, occasional thin ironstone bands up to 1/2" thick.		1	11	311	11
Mudstone, silty, grey, occasional silty partings		3	1	315	0
Mudstone, grey, several thin ironstone bands, 9" ironstone band @ base		5	8	320	8



SK46 SE/38

6 inch Map
Regd. No.

SECTION OF Silverhill Colliery U/G borehole S4
Six Inch Map (County and Quarter Sheet) With 22 S.W.

21

NATURE OF STRATA		THICKNESS		DEPTH	
Geologist's Notes	Borer's Journal	Feet	In.	Feet	In.
Mudstone, fairly dark grey, fairly fissile, abundant fish debris.		32	1	322	9
Mudstone, slightly silty, grey, fish scale @ 323/-			4	323	1
Mudstone, dark grey, fairly fissile.			6	323	7
COAL YARD SEAM 1'-9"		1	9	325	4
Sea Earth, mudstone, slightly silty, grey rootlets.		2	4	327	8
Mudstone, silty, grey, occasional rootlets.		1	10	329	6
COAL 2"			2	329	8
Sea Earth, mudstone, silty, grey, rootlets.		3	2	332	10
Sandstone, light grey, rootlets, dark grey micaceous silty partings.		1	8	334	6
Mudstone, silty, grey, occasional plant debris.		5	2	339	8
Mudstone, fairly silty, grey.		2	0	341	8
Mudstone, slightly silty, grey, ironstone nodules @ 342'-10"		1	2	342	10
Mudstone, grey, plant remains, poorly preserved muds @ 343'-10"					
1/2" ironstone band @ 345'-3"					
1" highly carbonaceous band 345'-4"		2	6	345	4
Mudstone, silty, grey, plant remains					
1" ironstone band @ 346'-11" and 347'-1"		2	3	347	7

SK46 SE/38

6 inch Map
Regd. No.

SECTION OF
Six Inch Map (County and Quarter Sheet)

Silverhill Colliery 1/4. borehole SK
Note 82. S.W.

36

NATURE OF STRATA		THICKNESS		DEPTH	
Geologist's Notes	Borer's Journal	Feet	In.	Feet	In.
Mudstone, slightly silty, grey, occasional ironstone modules		1	"	349	6
Mudstone, silty, grey, p plant fragments in top 2", 1" ironstone band @ 349'-10"		3	4	352	10
Mudstone, fairly silty, grey, with light grey sandstone partings.		2	1	354	"
Interlaminated siltstone, with light grey sandstone, 2" ironstone band @ 359'-8"		12	1	367	0
Mudstone, silty, grey.		1	0	368	0
Mudstone, very silty, grey.		4	0	372	0
Mudstone, slightly silty, grey, 1" ironstone band @ 373'-0" occasional ironstone patches.		2	6	374	6
Mudstone, silty, grey, 3" ironstone band @ 377'-11"		4	5	378	"
Mudstone, grey.			9	379	8
Mudstone, slightly silty, grey, 1" ironstone band @ 380'-11", 381'-6" and @ 383'-11"		5	10	385	6
Mudstone silty, grey.		2	5	387	"
Mudstone grey		2	7	390	6
COAL 1'-6 1/2" 2'-2" } BLACK SHALE SEAM.		3	4	393	10
dirt					
COAL 1'-7"					
Dark earth, mudstone, grey, abundant bituminous surfaces, rootlets, and plant fragments.		1	1	394	"
Mudstone, fairly silty, grey.		2	0	396	"
Base of hole.					