

Section of Strata

sunk through in

Lesketh Shaft. ...

Sunk
Section of Strata, through
in Hesketh Shaft.

	Strata	Thickness.			Depth			
		yds.	ft.	ins.	yds.	ft.	ins.	
	Boulder Clay	7	0	0	0	0	0	Commenced.
	Grey Metal	1	1	6	8	0	6	Cut No. 1.
	Rock		2	3	8	1	6	Cut No. 1. ^{rd ft ins.} 7-1-9
	Grey Metal	1	1	0	9	0	9	
	Rock.			6	10	1	9	
	Grey Metal	1	1	9	10	2	3	
	Rock		1	8	12	1	0	
	Grey Metal	1	0	2	12	2	8	
	Rock	1	0	8	13	2	10	
	Grey Metal	2	1	9	15	0	6	
	Dark Grey Metal	5	2	3	17	2	3	
	Grey Metal	1	2	9	22	2	6	Cut No. 2 ^{rd. ft. ins.} 20-0-7 laid August 20. 1915
Beltringer Coal	Coal	1	0	3	24	2	3	} Old workings on E.N.S. side of shaft.
	Dirt Parting			5	25	2	6	
	Coal		1	11	25	2	11	
	Hard Grey Metal	10	0	0	26	1	10	
	Rock.	6	2	0.	36	1	10	
	Rock Binds	33	0	2	43	0	10	Cut No. 3 ^{rd ft ins.} 41-2-7 laid 19 th Sept 1915.
	Rock.	8	2	0	76	1	0	Cut No. 4 ^{rd ft ins.} 66-2-4 laid Oct 11. 1915
	Metal	1	2	6	85	0	0	
Ten feet	Lean Coal Lean Coal		1	6	86	2	6	
	Grey Mtl + Rk Binds	12	2	11	87	1	0	
	Black Metal	2	3.		100	0	11	Cut No. 5 ^{rd ft in} 89-0-3. laid Nov 3. 1915.
	Soft. Shale.			1	101	0	2	
	Hard Rock.			6	101	0	3.	
	Black Metal	1	5		101	0	9	
	Soft. Tueclay			1½	101	2	2	
	Shell Bed			5½	101	2	3½	

	Strata	Thickness.			Depth.			
		yds.	ft.	ins.	yds.	ft.	ins.	
	Black. Metal			11	101	2	9	✓
	Black Shale.			1	102	0	8	✓
	Black. Metal			5	102	0	9	✓
	Fireclay			1	102	1	2	✓
	Shell Bed.			5	102	1	3	✓
	Blue Metal	2	7		102	1	8	✓
	Rock.			6	103	1	3	✓
	Blue Metal	3	6		103	1	9	✓
	Hard Rock			3	104	2	3	✓
	Blue Metal	1	9		104	2	6	✓
	Fireclay			2	105	1	3	✓
	Shell Bed			4	105	1	5	✓
	Grey Metal & Stone Bands	5	2	0.	105	1	9	✓
	Fossil Bed			1	111	0	9	✓
<u>Boulton Alley</u>	<u>Boulton Alley</u>	3'	2		111	2	1	✓
	Fireclay			9	112	2	3.	✓
	Dark. Metal	6	2	0	113	0	0	✓
	Grey - do - Rock.			9	119	2	0.	✓
	Metal	2	1	0	120	0	2	✓
	"	2	0	5	122	2	2	✓
	Rock. Bands.			2	124	2	7.	✓
	Rock			6	125	1	7	✓
	Rock.	9	0	11	125	2	1	✓
<u>Holly Lane</u>	<u>Goaf. G.</u> Holly Lane G.			6	135	0	0.	✓
	Metal	3	0	0	135	0	6.	✓
	Billy Coal.			1	138	0	6	✓
	Metal	5	2	0	138	1	9.	✓
(with Ironstone) (nodule bands)	Metal	1	0	6	144	0	9	✓
	Rock & Bands	4	2	6	145	1	3	✓
	Grey Metal & Rock Bands	15	1	7.	150	0	9	✓

November 15th. 1915.

Curb No 6. 113 - 2 - 4
laid 18th Nov. 1915.

~~Curb laid Dec. 8th. 1915.~~

Curb No 7. 139 - 1 - 2
laid Dec 8. 1915.

No 8. 165 - 1 - 0
Curb laid Jan 3. 1916.

Hard Mine

Strata	Thickness.			Depth.			
	yds.	ft.	ins.	yds.	ft.	ins.	
Gray Shale.	1	0	0	165	2	4	✓
Hard Mine Coal		3	9	166	2	4	✓
Fireclay with ironstone balls & thin bands.	3	1		168	0	1	✓
Coal *			2	171	1	1	✓
Grey Fireclay	1	1	8	171	1	3	✓
Dark. F. Clay Coal Streaks.		1	0	172	2	11	
Fireclay	2	1	0	173	0	11	
Strong Grey Metal	11	2	5	175	1	11	✓
Rock Bands	1	1	0	187	1	4.	✓
Dark. Grey Rock.	2	1	0	188	2	4	✓
Metal		1	6	191	0	4.	✓
Rock.		1	0	191	1	10	✓
Hard Grey Metal & Rock Bands	28	1	10	191	2	10	✓
Metal		2	6	220	1	8	✓
Rock Bands.	29	0	6	221	1	2	✓
Dark Shales.		1	0	250	1	8	✓
Coal			9	250	2	8.	✓
Fireclay		1	0	251	0	5.	✓
Dark Shales.	2	1	8	251	1	5	✓
Coal			½	254	0	1.	✓
Dark Shales.			6	254	0	1½.	✓
Fossil Bed.			9½	254	0	7½	✓
Grey Metal	1	2	10.	254	1	5.	✓
Black Shale.		4	0	256	1	3.	✓
Coal.			6	257	2	3.	✓
Dark. Metal			6.	257	2	9	✓
Fossil Bed.			3.	258	0	3.	✓
Fireclay nodules & stone bands.		2	3.	258	0	6	
Grey Shale with stone bands.		2	0	258	2	9	
Grey. Metal	1	1	1	259	1	9.	

No. 9. yds. ft. ins.
Curb. laid 19/1/16 183-0-11-0
~~laid up 21/1/16~~
laid 19 Jan. 1916.

No. 10 yds. ft. ins.
Curb. 206-1-29 laid 9/2/16.

Curb No. 11. yds. ft. ins.
~~Top of No. 11. Curb. 227-2-4~~
2nd Mar. 1916.

Curb No. 12. yds. ft. ins.
~~Top of No. 12. Curb. 252-0-11~~
laid 22 March 1916.

	Strata	Thickness.			Depth				
		yds.	ft.	ins	yds.	ft.	ins		
(Top of)	Black Bass. (Fossil Bed)			10	260.	2	10 ✓		
	Grey Shale.	1	1	5	261	0	8. ✓		
	Fossil Bed.			9	262	2	1. ✓		
	Grey Metal		1	0	262	2	10. ✓		
	Fossil Bed.			7	263	0	10. ✓		
	Grey Bass.		2	8.	263	1	5. ✓		
	Black Bass.		1	0	264	1	1. ✓		
	Coal.		2	1	264	2	7. ✓		
	Fineslay		1.	3	265	1	8. ✓		
	Grey Metal with stone bands.	3	1	9	265	2	11. ✓		
	Black Bass.			4	269	1	8 ✓		
	Coal.			5	269	2	0 ✓		
	Fineslay		1	0	269	2	5.		
	Lead Grey Shales.	24	0	3.	270	0	5		
								No. 13 Curb 20 ft in 273-0-7	
							yds. ft. ins. 273-0-7 Top of No. 13 Curb Laid 10/1/16		
							286-1-8 Stop of No. 13 Curb Laid 27/4/16		
	Rock.		1	0	294	0	8 ✓	No. 14 Curb (Garland) Laid 27/4/16	
	Metal			3	294	2	2 ✓		
	Rock.	12	1	7	294	2	5 ✓		
	Grey Metal		5	0	307	1	0	yds. ft. ins. 307-1-0 Top of No. 15 Curb Laid 17/5/16	
<u>of Bawbray Coal</u>	Coal.		3	9	312	1	2	No. 15 Curb 307-1-0 Laid 17/5/16	
	Stone			4.	313.	1	11 ✓	No. 16 Curb 313-1-2 over Bawbray inset	
	Coal.		1	1	313	2	3		
	Stone			3.	314	0	4		
	Coal (Inferior)		1	0	314	0	7		
	Dirt			4.	314	2	1		
	Fineslay		1	1	0	314	2	5.	
	Rock Bands		2	10	316	0	11	Bottom of Bawbray inset	
	Grey Metal	16	0	5	317	0	9	4 ft in 316-1-0	

Rockshead.

Strata	Thickness.			Depth			
	yds.	ft.	ins	yds.	ft.	ins	
Coal		1	2	333	1	2	Curb. No. 328-2-8 yds. ft. ins. 6/6/16.
Fireclay		2	6	333	2	4	
Grey Metal		6	0	334	1	10	
Dark Metal	7	2	11	336	1	10	Curb. No. 18. 3440-3 1/2 yds. ft. ins. 2/6/16
Grey Metal	11	0	9	344	1	9	
Rock. Binds	12	0	3	355	2	6	
Grey Metal	2	1	6	367	2	9	Curb. No. 19 (Garland) 11/7/16 365-2-8
Coal.		8	4	370	1	3.	
Bas.	4	1	0	373	0	7	Curb. No. 20. 390-2-0 yds. ft. ins.
Rock Binds.	12	0	9	377	1	7	
Black Shale	4	2	8	389	2	4.	
Coal.		1	10	394	2	0	Curb. No. 21. 414-2-6 3/4 yds. ft. ins. August 28, 1916.
Fireclay		2	0	395	0	10	
Rock Binds	4	.	.	395	2	10	
Grey Metal	8	0	8	399	2	10.	Bottom of Insect at yds. ft. ins. 412-1-9 to Platt Pit. bottom
Rock.		1	2	408	0	6.	
Fireclay		5	1	408	1	8	
Coal.		2	10	410	0	9	Curb. No. 22. 438-1-9 yds. ft. ins. Sept 20, 1916
Fireclay			9	411	0	7	
Rock. Binds	2	1	6	411	1	4	
Grey Metal		6	0	413	2	10	Curb. No. 22. 438-1-9 yds. ft. ins. Sept 20, 1916
Grey Metal		2	9	415	2	10	
Rock.	4	0	6	416	2	7	
Coal.			7	421	0	1.	Curb. No. 22. 438-1-9 yds. ft. ins. Sept 20, 1916
Grey Metal + Fireclay	2	0	1	421	0	8	
Grey Metal	3	1	0	423	0	9	
Blue Metal	2	0	0	426	1	9	Curb. No. 22. 438-1-9 yds. ft. ins. Sept 20, 1916
Grey Metal	10	0	5.	428	1	9	
Coal.			3	438	2	2	

Strata	Thickness.			Depth.		
	yds.	ft.	ins.	yds.	ft.	ins.
Bass.		2	5.	438	2	5.
Coal.			5.	439	1	10
Dit			5	439	2	3.
Coal.			4	439	2	8
Shale.		1	6	440	.	.
Grey Metal	14	0	4.	440	1	6.
Coal			3	454	1	10
Blue Metal	1	2	0	454	2	1
Coal.			1	456	1	1
Grey Metal	2	2	10	456	1	2
Dark Metal	4	1	7	459	1	0
Grey Metal	15	0	10	463	2	7
Blue Metal	1	1	4	479	0	5
Soft Grey Metal			4	480	1	9
Canuel.		1	6	480	2	1
Dit			4	481	0	7
<u>Bullhurst</u> Coal.		3'	6.	481	0	11.
Rock Bands	5	0	0	482	1	5
Hard Rock.	2	0	0	487	1	5
Rock Bands	4	1	3	489	1	5
Grey Metal	2	2	0	493	2	8
Dark Metal	3	0	7	496	1	8
Black Bass.			7	499	2	3.
<u>Wimpenny</u> Wimpenny Coal	1	11		499	2	10
Fireclay	1	3		500	1	9
Black Shale + Coal	1	5		501	0	0
Fireclay	3	1		501	1	5
Grey Metal	7	8		502	1	6
Ironstone Band.			4	505	0	2
Shale.			7	505	0	6

^{yds. ft. ins.}
~~No 22 Corb. 438-1-9~~

^{yds. ft. ins.}
 No 23. Corb. 463. 2 2
 9th Oct. 1916.

^{yds. ft. ins.}
 No 24. Corb. 488-2-0
 Oct. 31. 1916.

Strata	Thickness.			Depth.		
	yds.	ft.	ins.	yds.	ft.	ins.
Dark Metal	1	0	7	505	1	1
Metal	5	2	4	506	1	8
Rock Bands	3	1	6	512	0	0
Dark Metal thin Rock Bands	1	0	4	515	1	6
Ironstone			4	516	1	10
Metal	2	0	10	516	2	2
DR Metal	1	0	0	519	0	0
Cannel			3	520	0	0
Black Base.			1	520	0	3
Coal.		2	7	520	0	4
Hard. Fireclay		2	0	520	2	11
Rock Bands	2	0	6	521	1	1
Dark Metal	1	2	2	523	2	5
Black Base.			4	525	1	7
Dark Metal with stone Bands and fossils	1	0	0	525	1	11
Dark metal			6	526	1	11
Grey Metal	8	1	4	526	2	5
Grey Rock	2	2	3	535	0	9
Grey metal with Ironstone Bds.	6	2	8	538	0	0
Dark Metal	2	0	0	544	2	8
Dark Shale	2	0	0	546	2	8
Ironstone			2	548	2	8
Dark Metal	1	1	4	548	2	10
Hard. Metal		2	6	550	1	2
Grey metal	6	1	9	551	0	8
Shale			4	557	2	5
Grey metal	2	0	3	557	2	9
Dark Metal	2	2	6	560	0	0
Good. 2' 0" DR METAL ± 6" Coal 3"		2	9	562	2	6
Clunch.	1	0	10	563	2	3

No 25 Core at 511 0 7
Nov. 21. 1916.

No 26 Core. (Garland)
535 - 1 - 974.
13th Dec. 1916.

No 27 Core. 562 0 3/4
8th Jan. 1917.

Strata	Thickness.			Depth.		
	yds.	ft.	ins.	yds.	ft.	ins.
Rock Binds.	6	0	0	565	0	1
Grey Metal	7	2	9	571	0	1
Dark Metal	14	1	0	578	2	10
Rock Binds.	1	2	0	593	0	10
Coal.		2	0	594	2	10
Hard. Fireclay		2	6	595	1	10
Black Bass.			4	596	1	4
Grey Rock.	2	2	4	596	1	8
" Metal	3	0	4	599	1	0
" Rock.		2	6	602	1	4
" Metal	6	0	8	603	0	10
Dark. "	1	1	1	609	1	6
Coal.			3	610	2	7
Soft Grey Metal	1	2	4	610	2	10
Rock Binds	2	2	6	612	2	2
Grey metal	7	1	10	615	1	8
Dark. "		2	3	623	0	6
Rock. Binds		2	0	623	2	9
Hard. Rock		2	0	624	1	9
Stoney Shale.	3	0	4	625	0	9
do with stone bands	3	1	5	628	1	1
Dark Shale with stone bands.	3	2	1	631	2	6
Coal.			5	635	1	7
Hard. Metal		2	6	635	2	0
Coal + H. Metal			3	636	1	6
Coal.	1	0	2	636	1	9
Hard. Fireclay.	3	2	3	637	1	11
or DK. Ho. metal						
Soft dark. Shale.		2	0	641	1	2
Soft " Fireclay	2	0	0	642	0	2
Soft white - do -			9	644	0	24

No. 28 Core. 585-2-0^{3/4}
Jan 29. 1917.

No. 29 Core. 610-0-6^{1/4}
Laid 19 Feb 1917

No. 30 Garland Core. 628-1-1.
March 9. 1917

Bottom of Main inset
641-0-1^{1/2} Just length
finished. Apr. 17th 1917.

Strata	Thickness.			Depth.		
	Yds.	ft.	ins.	Yds.	ft.	ins.
Stoney Grey Metal Rock Bands	2	0	0	644	0	11
	1	0	2	646	0	11.
Hard Rock.	2	0	0	647	1	1.
" "	2	2	3.	649	1	1.
				652	0	4.

{ borehole to
Bottom of Rock. }

{ Bottom of shaft: 651 yds 2 ft.

~~651 yds. 2 ft.~~

Concrete bed 2 ft thick in
bottom of shaft.

Depth to floor of shaft 651 yds.

~~651 yds.~~

~~2 ft of concrete in
Bottom.~~