

Section of Strata sunk through
in Winstanley Pit
Whitfield Colliery.

Measurements taken from top of
cement coping to shaft wall.

570.64 feet above ordnance datum,
down the headside of shaft.

Sinking commenced 18 Jan^y 1913

" completed. 31 Jan^y 1914.

Sinking Contractor commenced 18 April 1913.

Description of Strata, etc.	No of Speci- men.	Thickness.			Depth from surface.		
Made ground		1	0	0			
Surface clay.			2	0	1	0	0
Rock binds (head side) and } Rock (deep side) }	1	3	2	7	1	2	0
No 1 Curb. in Rock.					5	0	0
Strong dark Metal		7	2	3	5	1	7
Fireclay (dark)		5	2	2	13	0	10
Strong Fireclay (light)		2	2	5	19	0	0
Parting				1	21	2	5
Marl and Metal		5	0	11	21	2	6
No 2 Curb Water gairland					27	0	0
Conglomerate adhering } to Rock below }				2	27	0	5
Rock		1	2	3	27	0	7
Rock binds		1	2	2	28	2	10
Blue Clay with nodules } of Ironstone }				1	30	2	0
Rock			1	10	30	2	1
Red clay with nodules.				1	31	0	11
Hard Rock. (purple)		1	0	0	31	1	0
Rock. (light brown & yellow)		12	0	0	32	1	0

	Coal (Little Row)	10		29	44	1	0
	Fireclay	11		3 1/2			
	Coal (Inferior)	11		4			
	Fireclay (coarse)			22			
	Coal	12		6	46	0	6 1/2
	Fireclay & black bass	13		1 1/2			
	Coal	14		2 2 1/2			
	Fireclay			2			
	Coal	15		6 1/2			
	Fireclay (dark)			9	47	1	1
	Fireclay (strong grey)	16		19	47	1	10
	Metal (Grey with stone balls)	17	5	10	48	0	7
N ^o 3	curb (Water Garland)				52	0	3
	Dark Metal			6			
	Stone bands			1/2			
	Dark shale			1			
	Stone band			1/2			
	Dark shale			1/2			
	Stone band			1			
	Dark shale			1/2			
	Stone band			1/2			
	Dark shale			2			
	Black smut.			3/4			
	Dark Metal (thickness variable)			1			
	Black smut			2			
	Dark shale & coal streaks	18		8	54	0	0 1/4
	Metal. Grey			16	54	0	8 1/4
	Grey Rock	19		29 3/4	54	2	2 1/4
	Rock binds & Grey Metal.	20	7	10	55	2	0
	Black shale & coal streaks	21	1	00	63	0	0
	Coal (old Whitfield)	22	1	10	64	0	0
	Black shale			3	65	1	0
	Fireclay	23		17	65	1	3
	Black shale (hard)	24		9	65	2	10
	Grey Metal & binds (hard)		1	11	66	0	7

Ragman
Coal.

		Yds	ft	ins	Yds	ft	ins
Dark bind				8	67	2	6
Coal (Inferior)	25		1	0	68	0	2
Black Fireclay			1	0	68	1	2
Dark hard Fireclay				6	68	2	2
Fireclay with large ironstone nodules	26	1	2	10	68	2	8
Grey Metal		4	2	5	70	2	10
— — — — — hard		1	2	0	75	2	3
Coal (good quality)	27		1	0	77	1	3
Smut				0 1/4	77	2	3
Fireclay				6 3/4	77	2	3 1/4
Black bass				3	77	2	10
Grey Metal	28	3	2	2	78	0	1
Nº 4 Curb Water Garland					78	2	0
Dark Metal		5	2	8	81	2	3
Smut				2	87	1	11
Hard Black Shale				7	87	2	1
Coal			1	4	87	2	8
Grey Metal		9	0	4	88	1	0
Grey Rock			1	6	97	1	4
Grey Bind			2	0	97	2	10
Grey Rock			1	4	98	1	10
Nº 5 Curb Grey Metal & binds		3	1	4	99	0	2
Water Garland					101	1	0
Bottom of Inset to Bellingers Curb					104	2	9
Grey Metal			2	0	102	1	6
Grey Rock			1	4	102	0	6
Grey Metal & rock bands		2	2	7	103	1	10
Dark Metal Dark Metal	29	5	0	5	106	0	9
Nº 6 Curb (Plain)					106	2	4
Grey Metal	30	1	2	10	111	1	2
Fireclay				10	113	1	10
Metal				4	113	1	10
Coal (Bellingers)							

see over

		yds	ft	ins	yds	ft	ins
Coal (Bellinger)	31		3	9	113	2	2
Hard stone band				8			
Coal				7			
Coal (inferior)			1	7			
Dirt (variable)				0 1/2			
Coal (inferior)			1	0 1/2			
Fireclay + streaks of coal				8	116	0	10
Fireclay (hard)			2	0	116	1	6
Grey Metal + Rock bands		9	0	0	117	0	6
Nº 7 curb Waterland					117	1	6
Rock. (Ten feet)	32	28	1	6	126	0	6
Nº 8 curb (Plain)					141	2	9
Bottom of Inset in Ten ft Rock					149	1	10
Dark Shales	33	2	2	0	154	2	0
Coal (Ten feet)				6	157	1	0
Parting				3			
Coal				2	4		
Dirt				1			
Coal				4			
Pass				1			
Coal				10			
Shaly coal				7			
Dark Fireclay				9	160	2	8
Black Shale		4	1	1	161	0	5
Coal				1	165	1	6
Ok. Shale + coal streaks		1	1	0	165	2	11
Dark Fireclay				8	167	0	11
Bottom of Inset to Ten ft. Coal					168	0	5 1/2
Nº 9 Curb - Strong Grey Metal + Rock bands - Plain - - - - -		5	1	0 1/2	167	1	5
Rock				1	170	2	3 1/2
Blue Metal		1	1	10	172	2	5 1/2
Ironstone				1 1/2	173	0	5 1/2
Blue Metal	34	1	1	2	174	2	5
Ironstone				2	174	2	5
Blue Metal				2	176	0	7
				8	176	0	9

yds. ft. ins.
3. 1. 8

7-8"

		yds	ft	ins	yds	ft	ins
Shales + Metal		2	2	1	177	0	5
Soft Fireclay				1	179	2	6
Blue Metal				6	179	2	7
Soft Fireclay				$\frac{1}{2}$	180	0	1
Dark hard Camel	}			7	180	0	$1\frac{1}{2}$
Shale					180		
Fireclay				$\frac{1}{2}$	180	0	$8\frac{1}{2}$
DK. Grey Metal		2	4		180	0	9
Fossil Ironstone				6	181	0	1
Blue Metal		2	2		181	0	7
Rock.				8	181	2	9
Blue Metal		1	0		182	0	5
Ironstone				3	182	1	5
Metal		1	7		182	1	8
Soft Fireclay				1	183	0	3
Shale				2	183	0	4
Fossil Ironstone	35			3	183	0	6
Hard Grey Shale		6	2	10	183	0	9
Coal. (Bowling Alley)			3	2	190	0	7
N ^o 10 curb. (Water Garland)					191	0	0
Fireclay				9	191	0	9
Dark Metals		8	1	8	191	1	6
Bottom of Inset to Bowling Alley.					197	1	0
Rock				9	200	0	2
Hard DK. Metal		2	0	2	200	0	11
Rock		6	0	8	202	1	1
Rock binds			1	6	208	1	9
Rock		5	2	8	209	0	3
Coal Holly Lane			3	0	214	2	11
Fireclay				9	215	2	11
Hard Fireclay			3	7	216	0	8
N ^o 11 curb. (Water Garland)					216	1	0
Grey Metal. (with nodules)			1	0	217	1	3
Grey Metal			3	4	217	2	3
Black bass.				4	218	2	7

No.	Yds			ft			Ins.		
					1	8	218	2	11
	1	0	7				219	1	7
							219	2	2
	1	0	9				220	2	2
						3	221	2	11
						3	222	0	2
						3	222	0	5
			1	9			222	0	8
	4	1	0				222	2	5
			2	5			227	0	5
			2	9			227	2	10
			1	2			228	2	7
			2	0			229	0	9
No 12 Curb			1	0			229	1	8
							229	2	9
	4	1	9				230	0	9
					1		234	2	6
							234	2	11
			3	6			234	2	7
			2	0			236	0	1
	3	2	0				236	2	1
							237	1	0
	5	1	6				240	1	1
			4	5			245	2	7
			1	0			247	1	0
							247	2	0
							249	0	0

Coal ("Billy" Coal)

Fireclay & nodules.

Bottom of Inset to Holly Lane

Grey Metal

Ironstone

Black Shale

Ironstone

Fireclay & coal streaks

Metal

Rock

Metal

Rock

No 12 Curb - Metal (Water Garland) -
Rock

Metal

Coal

Pit bottom Inset (Rail level)

Metal

Rock

Metal

No 13 Curb (Plain)

Metal with Ironstone bands

Coal (Hard Mine)

Fireclay

Metal

No 14 Curb (beneath coal on Plain Curb.
deep side of shaft)