

NOB SK47SE/13

E 445013m  
N 872305m

MARKHAM NO. 4 COLLIERY (No 4 SHAFT) 6" = SK 47 SE/57

Area 1 record agrees with Yorks. Strata Book down to the Top Hard;  
below this, the record is as follows:-

(N.B. section headed "Markham No. 4 Shaft  
Section of strata passed through in Markham No. 4 Upcast  
shaft or original No. 1 downcast shaft")

The Top Hard in Area 1 record is at 307 yds. 0 ft. 8 in,  
2 yds. 0 ft. 6 in. deeper than Yorks Strata record -  
measurements in former record taken from top of shaft  
"out-set" instead of ground level.

Strata	Thickness		Depth (from ground level)	
	ft.	in.	ft.	in.
Stone clunch	2	10	918	0
Stone bind	13	10		
Dark blue bind	9	0		
Bronch COAL		3		
Strong dark bat		1		
Soft bright COAL		2	941	4
Stone clunch (bottom of T.H.sump)	2	0		
Stone bind	3	2		
Brown cank	3	9		
Beddy rock	6	3		
Blue bind and ironstone balls	14	0		
Black bind	1	6		
COAL		9	972	9
Hard stone clunch	3	1		
Curly stone bind	9	3		
COAL	1	11	987	0
Soft clunch	2	2		
Grey rock	2	4		
Stone bind	3	1		
Blue bind and ironstone balls	5	2		
Coal	1	7		
Dirt	1	1		
Coal	3	6	1005	11
Stone clunch	3	4		
Stone bind	19	6		
Brown curly cank	3	9		
Stone bind	12	3		
COAL	1	5	1046	2
Stone clunch	3	1		
Stone bind	7	3		
Hard rock	12	1		
Blue bind	8	6		
Grey rock	6	8		
Stone bind	8	0		
Beddy rock	6	11		
Stone bind	40	8		
COAL	1	7	1140	11
Soft clunch	5	1		
COAL - cannel		9	1146	9
Clod	2	0		
COAL LOWER WATERLOO	1	10	1150	7
Stone clunch	3	2		
Stone bind and rock bands	19	4		
COAL		8	1173	9
Stone clunch	3	6		
Stone bind	18	8		
COAL		10	1196	9

Strata	Thickness		Depth (from ground level)	
	ft.	in.	ft.	in.
Strong clunch	3	4		
Stone bind	8	2		
Stone bind and rock bands	7	2		
COAL		9	1216	2
Stone clunch	4	5		
Stone bind	18	2		
Gritty, grey rock	8	2		
Dark bind	3	3		
COAL		7	1250	9
Black ball		4		
Stone clunch	4	4		
Blue bind	9	3		
Rock	8	2		
Blue bind and ironstone bands	14	0		
Black bind	6	4		
COAL		7	1293	9
Clod } TOP ELL	2	4		
COAL	1	1	1297	2
Soft clunch	2	3		
Stone bind (faulty)	19	1		
Blue bind	4	6		
Clod with COAL streaks	1	0	1324	0
Soft clunch	1	6	1325	6
Stone bind	4	4		
Blue bind and ironstone balls	10	9		
COAL	1	5		
Dirt } ELL		3		
COAL	1	5	1343	8
Stone clunch	4	2		
Stone bind and rock bands	12	11		
Blue bind and ironstone balls	50	3		
Dark bind	2	0		
Soft clunch	4	8		
Blue bind and ironstone bands	15	1		
(Estimated base of C.C.M.B. in blue bind)				
Very hard brown cank	2	6		
Stone bind with rock bands	4	2		
Stone bind	31	5		
Black bind and FOSSIL beds	4	2		
Dark bind and ironstone bands	17	5		
COAL		4	1492	9
Clunch	4	10		
Blue bind and ironstone bands	17	8		
Dark bind	4	1		
Cherty COAL	1	10		
Dirt	1	4		
COAL	2	1		
Flinty dirt	1	0		
COAL	3	10	1529	5
Stone clunch	4	2		
Stone bind and ironstone balls	47	4		
Clod	4	3		
COAL		3	1585	5
Soft clunch	4	1	1589	6
Strong curley bind and ironstone bands	20	1		
Strong grey rock	34	0		
Not described - ? COAL		9	1644	4

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Strata	Thickness		Depth (from Grad. level)	
	ft.	in.	ft.	in.
Dark clunch, soft	4	4	1648	8
Stone bind and rock bands	12	4		
Stone bind	24	0		
COAL - bright		7 $\frac{3}{4}$		
dirt		0 $\frac{1}{2}$		
COAL - bright		3		
COAL - bright with hard bands	1	5		
Dirt		1		
Coal - bright with hard bands	1	10	1689	3 $\frac{1}{4}$
Bronch		9		
Soft clunch	1	5		
Hard stone clunch	2	0		
Stone bind	5	0		
Brown cank	1	0		
Stone bind	15	5		
Blue bind	1	2		
Blue bind and ironstone balls	13	0		
COAL - PIPER	3	3	1732	3 $\frac{1}{4}$
Stone clunch	4	1		
Stone bind and ironstone balls	58	9		
COAL ? COCKLESHELL	1	5	1796	6 $\frac{1}{4}$
Stone clunch	4	9		
Strong stone bind	23	4		
Grey rock	12	0		
Stone bind	10	7		
Blue bind	15	7		
COAL - TUPTON	2	2	1864	11 $\frac{1}{4}$
Stone clunch	3	0		
Stone bind	31	9		
COAL - $\frac{3}{4}$ s	2	11	1902	7 $\frac{1}{4}$
Soft clunch	3	8		
Black bat <i>3<sup>rd</sup> floor cank</i>		6		
Stone clunch	4	2		
Laminated rock	8	9		
Stone bind	16	6		
rock with Stone bind band	8	3		
Strong stone bind	33	0		
Blue bind	4	2		
Black bind	16	1		
COAL <i>Yard</i>	1	6 $\frac{3}{4}$	1999	9
Soft clunch	4	4		
COAL - cannel		4		
COAL - soft } ( <i>? ss 4</i> )		10	2005	3
Soft clunch	2	1		
Stone bind	18	8		
Grey rock	24	2		
Stone bind	10	10		
Blue bind	2	2		
Clod		5		
COAL - BLACKSHALE ( <i>ss 1-3</i> )	5	1	2068	6