

SK46 SK 101 46SE/ 016

SILVERHILL COLLIERY

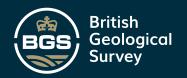
VENTILATION MONITORING BOREHOLE NUMBER 2 NG COORDINATES E 446 710.93 N 562 439 PM

466710: 362440

Drillers datum, ground surface 138.214 m A.O.D.

Log made using chipping samples taken at approx 3 metre intervals, (or obvious changes in lithology) together with drillers records.

	Thickness	Depth m
Yellow brown sandy soil		2.3
Dark yellow brown to black sandy soil	0.2	2.5
Grey green weathered sandstone		4.0 6.2
Grey green weathered sandstone/sandy siltstone	0.3	6.5
Coal/dirty coal/cannel (ABDY BRINSLEY part)	0.5	9.5
Sandstone + some sand silt fragments Siltstone and Sand Silt		11.6
Mudstone and Sand SIIC Mudstone silty (dark) few coal fragments (AB BR	pt) 0.2	11.80
Siltstone and Sand Silt		15.00
Siltstone and Sand Silt		18.00
Mudstone / Mudstone silty		21.00
Siltstone and Sand Silt		24.00
Mudstone / Siltstone		27.00
Mudstone		30.00
Mudstone dark	1.5	31.50
COAL Hazles	0.5	32.00
Mudstone and Siltstone		36.00
Mudstone / Siltstone / Sandy Siltstone mixture		39.00
Mudstone / Siltstone / Sandy Siltstone mixture		45.00
Mudstone / Siltstone / Sandy Siltstone mixture		47.00
Siltstone sandy and Sandstone		51.00
Siltstone sandy and Sandstone		54.00
Siltstone sandy and Sandstone		57.00
Siltstone sandy and Sandstone		60.00
Mudstone few carbonaceous and coal fragments	~ ^	47.00
(?Kents Thick Horizon in this sectiom)	3.0	63.00
Siltstone + Siltstone sandy and some mudstone		66.00
Siltstone + Mudstone few sandy silt		69.00
Mudstone + Mudstone silty		72.00
Mudstone + Mudstone silty		75.00 78.00
Mudstone + Mudstone silty		81.00
Mudstone + Mudstone silty		84.00
Siltstone and Sandstone + Sandstone	1.0	85.00
Siltstone fine / Mudstone	1.0	87.00
Siltstone sandy + Siltstone Siltstone + Mudstone silty + few sand silt		90.00
Siltstone + Mudstone silty + few sand silt Siltstone + Mudstone silty + few sand silt		93.00
Mudstone + Siltstone + few sand silt		95.40
Mudstone + carbonaceous + M coaly + Coal dirty		
(?Main Smut)	0.5	95.90



SK465€101

Siltstone + Sandstone + Calcite/Pyrite intergrowths	
? fault / joint mineralisation 1.10	97.00
Siltstone fine / Mudstone Mudstone / Siltstone fine Mudstone / Siltstone fine Siltstone sandy Sandstone with occasional other frags Sandstone with occasional other frags Sandstone with occasional other frags	79.00 102.00 105.00 108.00 111.00 114.00 117.00
Sandstone with occasional other frags Sandstone with occasional other frags	120.00 123.00
Siltsone sandy, Mudstone, Coal, Cannel and oxidised ironstone fragments (TOP HARD GOAF) 0.5	123.50
NO SAMPLES LOSS OF CIRCULATION	128.00

BASE OF BOREHOLE

128 metres



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GEOLOGICAL STRATA SECTION

COLLIERY: SILVERHILL

SEAM: Surface - Top Hard

DISTRICT:

Ventilation BH No 2

DISTANCE (m)

FROM:

N.G. COORDINATES E 446711 N 362440

LEVEL (m) 138.21

EXAMINED BY S. LUNNON

DATE: Sept 92

Borehole drilled into Top Hard workings for ventilation

	GRAPHIC LOS	THICKNESS (cm)	NATURE OF STRATA	
,		250	YELLOW BROWN / BLACK SANDY SOIL	
		370	GREY GREEN WEATHERED SANDSTONE	
	::::::: :::	30	COAL / dirty coal/cannel (? ABDY BRINSLEY part)	
		20	Mudstone dark and coal fragments (? ABDY BRINSLEY part)	
		\	Padoculo del Calla Calla I agmolia (1 Ass. Silamoc. Par c)	
•			89)	
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		50	COAL (HAZLES)	
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		300	Few carbonaceous and coal frags (KENTS THICK horizon)	
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		50	Mudstone and Coal dirty (? MAIN SMUT)	
		110	? MINOR FAULT / WELL DEVELOPED MINERALISED JOINT	
0 .		1	TRAINING FROM FROM PARTIES OF TRAINING STATES	
• .	1::::::::::::::::::::::::::::::::::::::			
	 			
• -	† ::::::::			
		50	TOP HARD GOAF	
	+	450	No Samples loss of circulation Bass of borehols 128.00 metres	
	SCALE 1: 65		Base of Dorenois 158.00 metres	