



SK 46 SE 101
46SE/ 016

SILVERHILL COLLIERY

VENTILATION MONITORING BOREHOLE NUMBER 2

NG COORDINATES E 446 710.93 N 362 439.87

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
Grey green weathered sandstone/sandy siltstone		6.2
Coal/dirty coal/cannel (ABDY BRINSLEY part)	0.3	6.5
Sandstone + some sand silt fragments		9.5
Siltstone and Sand Silt		11.6
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 (?Kents Thick Horizon in this section)	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
Mudstone + Mudstone silty		78.00
Mudstone + Mudstone silty		81.00
Siltstone and Sandstone + Sandstone		84.00
Siltstone fine / Mudstone	1.0	85.00
Siltstone sandy + Siltstone		87.00
Siltstone + Mudstone silty + few sand silt		90.00
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



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Siltstone + Sandstone + Calcite/Pyrite intergrowths ? fault / joint mineralisation	1.10	97.00
Siltstone fine / Mudstone		99.00
Mudstone / Siltstone fine		102.00
Mudstone / Siltstone fine		105.00
Siltstone sandy		108.00
Sandstone with occasional other frags		111.00
Sandstone with occasional other frags		114.00
Sandstone with occasional other frags		117.00
Sandstone with occasional other frags		120.00
Sandstone with occasional other frags		123.00
Siltstone 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
monitoring purposes.

GRAPHIC LOG	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)
	50	COAL (HAZLES)
	300	Few carbonaceous and coal frags (KENTS THICK horizon)
	50	Mudstone and Coal dirty (? MAIN SMUT)
	110	? MINOR FAULT / WELL DEVELOPED MINERALISED JOINT
	50	TOP HARD GOAF
	450	No Samples loss of circulation Base of borehole 128.00 metres

SCALE 1: 650