



NGRC  
BOREHOLE RECORDS  
ADJUSTMENT FORM



British  
Geological  
Survey

QUARTER SHEET SK45NE

BH REGISTRATION NUMBER 179-200

~~NUMBER NOT USED~~

/

~~LOG MISSING!~~

(Delete as appropriate)

RECORDS ENTERED & HELD BY WALLINGFORD



1/1. 1/2 SK45/19  
County Devon  
6" Quarter Sheet SK 45 NW  
1" N.S. Geol. Map 112  
1" O.S. Geol. Map 83  
Whether Confidential No

RECORD OF SHAFT OR BORE FOR MINERALS

Name and Number of Shaft or Bore given by Geological Survey:  
BLACKWELL B. WINNINGS No. 3 (Downcast) Shaft

Name and Number given by owner (if different from above):  
\_\_\_\_\_

Town or Village \_\_\_\_\_ Date of sinking \_\_\_\_\_  
Exact site SK 45NE a 4540 5772  
b 4543 5771

Purpose for which made \_\_\_\_\_  
Level at which bore commenced relative to O.D. abt. 380 ft If not down bore, state if horizontal or up \_\_\_\_\_  
Made by \_\_\_\_\_ for Messrs. \_\_\_\_\_  
Information from Abandonment Plan GG10 to Waterloo; Coal Survey Lab., below Date received 1944  
Specimens Northingham, below Dip of strata \_\_\_\_\_

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
		Fr.	in.	Fr.	in.
UPPER CARBONIFEROUS WESTPHALIAN B.	DEFT. 74' Soil, clay & marl 7' bind 17'	24	0	24	0
	Top Hard Hollows 24 in.	2	0	26	0
	Clunch & stone clunch 5'-6" bind, blue 17'	22	6	48	6
	Inst. 1" bind 6' rock 4' bind 8'	18	1	66	7
	COAL 15 in.	1	3	67	10
	Clunch 3'-6" rock, cank & bind 6'-2"	9	8	77	6
	Bind 15'-11" rock 4'-9"	20	8	98	2
	Inst. 2" on bind & shale	3	5	101	7
	Dunsil COAL 24 in.	2	0	103	7
	Black bass 1'-6" clunch 2'-10"	4	4	107	11
	Rock & rock bands	5	3	113	2
	Bind, blue, on lin. inst.	3	2	116	4
	" light 8'-7" bind, dark 2'-9"	11	4	127	8
	Inst. 2" bind 11"	1	1	128	9
	COAL 14 in.	1	2	129	11
	Clunch & bind	5	6	135	5
	Rock & cank 6'-6" stone bind 7'	13	6	148	11
	Bind, strong	13	0	161	11
	COAL 12 in.	1	0	162	11
	Clunch 2" rock bands 12'-6"	12	8	175	7
	Bind, blue, w. 2 in. inst. 10'-2" shale, black 1'-10"	12	0	187	7
	Stone clunch	2	0	189	7
	Rock 4'-10" stone bind 12'	16	10	206	5
	Difference	18	1	224	6
Waterloo COAL [sic] 72 in.	6	0	230	6	
(Waterloo on Plan GG10 — S. 30 in. } 5'-6" ) J. 16 1/2 C. 19 1/2					
COAL		1	10	268	8
"			1	275	2
"			6	303	8
"		1	3	346	10
Waterloo		2	0	399	7
"			2	455	10
"		1	0	508	4

WESTPHALIAN A.

GEOLOGICAL SURVEY AND MUSEUM,  
SOUTH KENSINGTON,  
LONDON, S.W.7.

G.S.M. Office File No. \_\_\_\_\_ Site marked on 6" Map by \_\_\_\_\_ Site marked on 1" Map by \_\_\_\_\_

10ver

WESTPHALIAN A.

COAL 4"  
Deep Soft { COAL 16 in.  
bass 15"  
COAL 9" 3-4"

COAL 1'-0"

" 1-3

" 2

" 4

" 10

Deep Hard COAL 3-5

Piper COAL 2-2

" 1-0

Tuplan { Root COAL 9 in.  
Splint (poor) 2"  
COAL 54" 5-5

Threequarters COAL 2-1

Yard COAL 2-4

CANNEL, bad 10

Blackshale { CANNEL, bad 9 1/2 in.  
COAL, bad 2 1/2"  
Black bass 3 1/2"  
Tinkers 10 1/2"  
Clunch 8"  
COAL 15" 4-1

534 9 A

571 11

581 1

603 1

629 1

631 5

679 1

686 6

734 3

767 6

863 2

880 9

974 7

980 4

1035 10

P.P.  
CG 1487.

W. Clark  
1945

(a) = DOWNCAST  
(walsho shaft)

(b) = UPCAST  
(low main shaft)

Site transferred from Waddington

Reconnaissance survey maps to

NOTES 27 SW(W)

O.D. top of shaft 379.0

12-24-52

with confirmed for this place  
to Derby 36 NW

J

B. WINNING COLLIERY

112 SK45/19  
11/83

The main make of Water is in the Waterloo Seam, and the water is collected at a lodge at the pit bottom. It is pumped to the surface by a Pearn 140 g.p.m. pump and a Mather & Platt 200 g.p.m. pump. It is allowed to run to waste. There is no make of water in the Low Main.

Shaft water is pumped from the shaft sumps and allowed to run away in old workings.

Boiler feed is extracted from the <sup>Normanton</sup> brook and an old water level from old Top Hard workings.

There is a supply from the local authority for drinking purposes etc.

"B" WINNING COLLIERY - WATERLOO SEAM.

(1) 125's. Old District - This district lies to the south-east of the shafts and finished in December, 1942: it extends as far as the South Normanton barrier and is completely flooded.

A pumping point is situated about 400 yards inbye from the pit bottom down 125's. road and works on the average about 12 hours a day. Average cover over this district is about 140 yards.

(2) Old workings, not very extensive, immediately to the south of the shafts: these workings are flooded, the water seeping into old 125's. district. Cover here is about 80 yards.

(3) Old workings immediately to the north-west of the shafts: these are flooded and being drained through pipes to the pit bottom water lodge.

(4) Recent old workings to the North-west about 500 yards or so from the shafts: this water is drained to a lodge on 101's. Main trunk road at a point about 465 yards inbye from the pit bottom. Cover here is about 92 yards.

The following feeders are pumped to the lodge on 101's. trunk road mentioned on the previous page.

- (1) 120's panel: left hand, pumped by a Megator, type M.50.
- (2) 120's Loader gate: Water collecting at face is pumped by a semi-rotary hand pump to a well in the gate and from there to 101's. lodge by a Mono type D.12.
- (3) 101's. New Return Airway: water collecting in the return is pumped to 101's lodge by a T.A. Ashton, single ram, double action, gear driven, 4" x 6".

Also in the return is a semi-rotary hand pump.

At 101's Pump House

All water from here pumped to the pit bottom lodge by a double acting plunger pump, 6" x 6".

4

SK45/19

Downcast Shaft - Low Main Level

A Mono pump, type D.10, pumps water collecting in the sump down the old Low Main "second Dips".

Upcast Shaft - Low Main Level

A double action, belt driven plunger pump, pumps sump water down the Old Low Main dip workings.

At the present time the total quantity of water being pumped to the surface from the Waterloo lodges is 549,400 gallons per week.

For analysis (1952) see BGS/112/122

1st 4. VII. 52.





