NGRC
BOREHOLE RECORDS
ADJUSTMENT FORM

QUARTER SHEET SK45NE

BH REGISTRATION NUMBER 179-200

~~NUMBER NOT USED~~ / ~~LOG MISSING~~

(Delete as appropriate)

RECORDS ENTERED & HELD BY WALLINGFORD

(NGRC FORM 2)

(61033) Wt.30370/0370 10,000 9/39 A.& E.W.Ltd. Gp.485

112 SK45/19
83

RECORD OF SHAFT OR BORE FOR MINERALS

County Derby
6" Quarter Sheet SK NW A+B
1" N.S. Geol. Map 112
1" O.S. Geol. Map
Whether Confidential No

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

A sketch-map or tracing from a large-scale map is desirable.

Purpose for which made ______
Level at which bore commenced relative to O.D. ab. 380 ft. If not down bore, state if horizontal or up ______
Made by ______ for Messrs. ______
Information from Abandonment Plan 6610 to Waterloo; Coal Survey Lab., below Date received 1944.
Specimens Nottingham, below. Dip of strata ______

Geological Classification	Description	Thickness Ft.	Thickness in.	Depth Ft.	Depth in.
DRIFT 7ft	Soil, clay & marl 7': bind 17'	24	0	24	0
UPPER CARBONIFEROUS WESTPHALIAN B	Top Hard Hollows 24 in.	2	0	26	0
	Clunch & stone clunch 5'-6": bind, blue 17'	22	6	48	6
	Irnst. 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
	Irnst. 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 1in. irnst.	3	2	116	4
	" , light 8'-7" : bind, dark 2'-9"	11	4	127	8
	Irnst 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. 2in. irnst. 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 6610 — S. 30 in., d. 16½, C. 19½ } 5'-6")				
	COAL	1	10	268	8
	"		1	275	2
	"		6	303	8
	"	1	3	346	10
	Welbeck "	2	0	399	7
WESTPHALIAN A	"		2	485	10
	"	1	0	508	4

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

over

2

SK45/19.
A

WESTPHALIAN A.

	COAL		4"	534	9
Deep Soft	COAL 16 in. bass 15 " COAL 9 "		3'- 4"	571	11
	COAL		1'- 0"	581	11
	"		1 - 3	603	1
	"		2	629	1
	"		4	631	5
	"		10	679	1
Deep Hard	COAL		3 - 5	686	6
Piper	COAL		2 - 2	734	3
	"		1 - 0	767	6
Tupton	Root COAL 9 in. Splint (poor) 2 " COAL 54 "		5 - 5	863	2
Threequarters	COAL		2 - 1	880	9
Yard	COAL		2 - 4	974	7
	CANNEL, bad		10	980	4
Blackshale	CANNEL, bad 9½ in. COAL, bad 2½ " Black bass 3½ " Tinkers 10½ " Clunch 8 " COAL 15 "		4 - 1	1035	10

P.P.
CG 1987.

W Edwards
1945

(a) = DOWNCAST
(Waterloo shaft)

(b) = UPCAST
(Low main shaft)

Site transferred from Watkins Reconnaissance survey maps to NOTTS 27 SW (W)
O.D. top of shaft 379.0

12 - JAN - 52

site confirmed from NCB plans to DERBY 36 NW

4.

B. WINNING COLLIERY 112 SK45/19 113/83 A 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 Normanton 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".

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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".

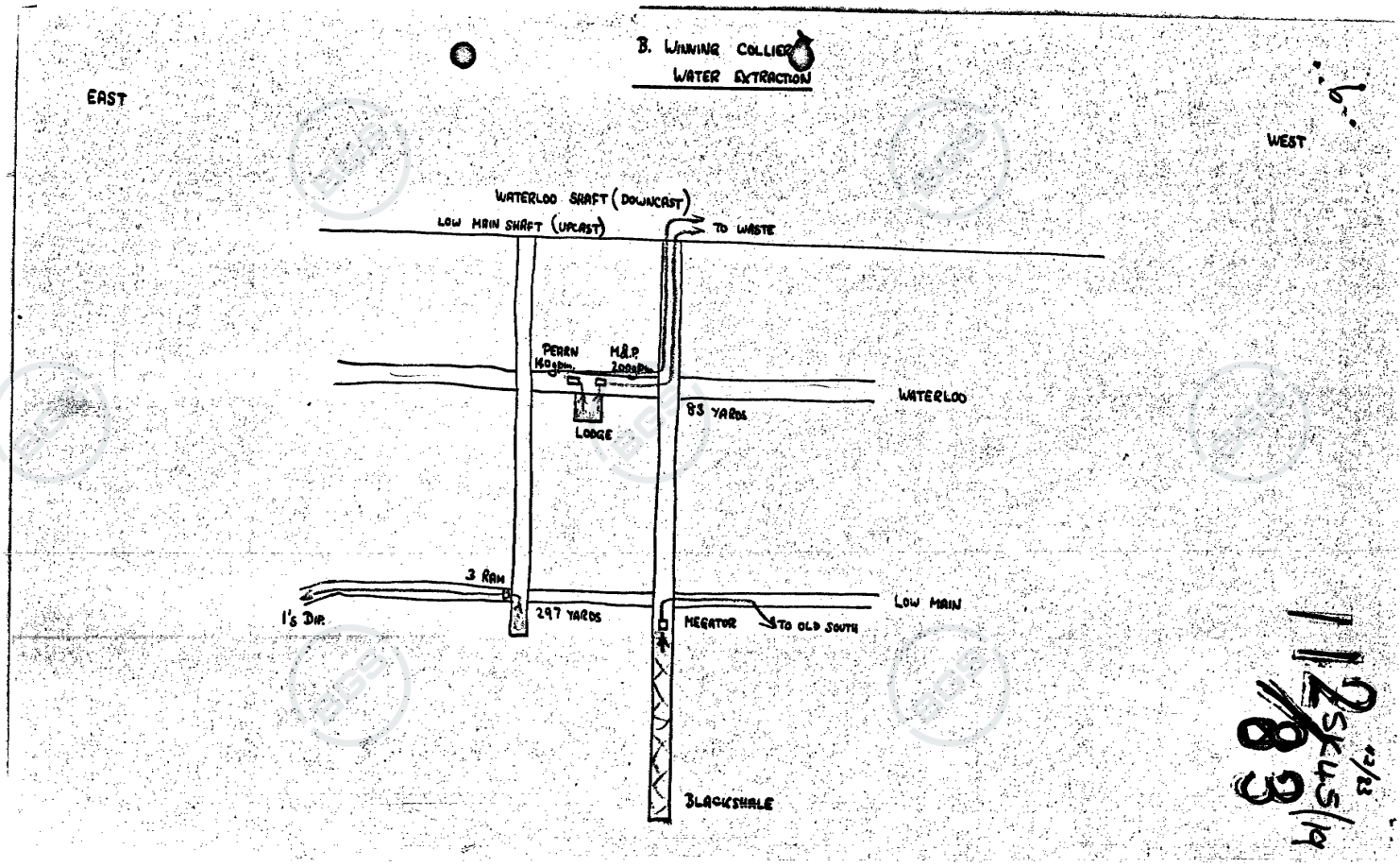
Upcast Shaft - Low Main Level

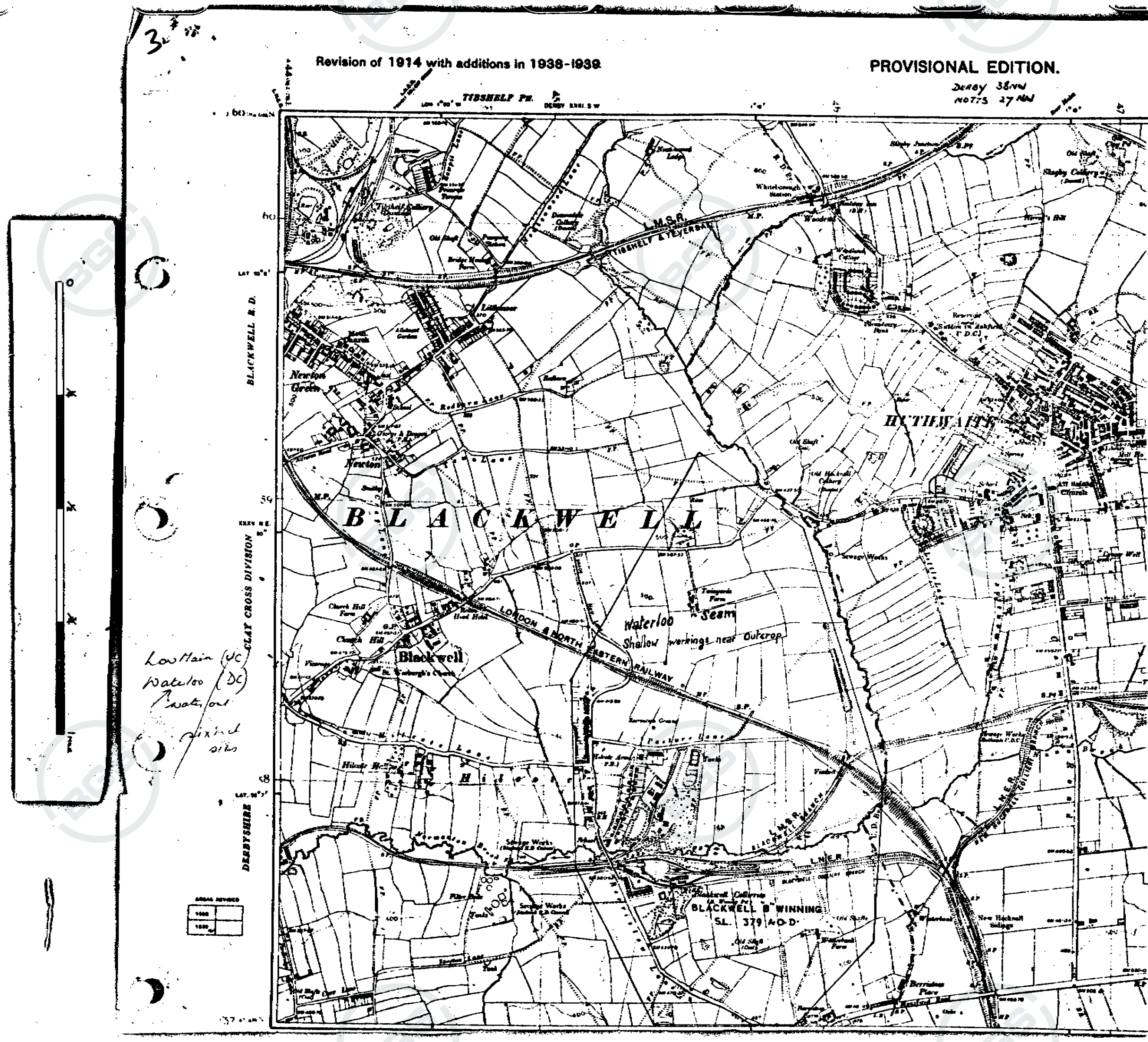
A double action, belt driven plunger pump, pumps sump water down the Old Low Main dip workings.

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 (1953) see BROOMHILL 113/122

J.D. 4.VIII.53.


B. WINNING COLLIERY
WATER EXTRACTION
EAST
WEST
WATERLOO SHAFT (DOWNCAST)
LOW MAIN SHAFT (UPCAST)
TO WASTE
PERRIN
M&P
LODGE
WATERLOO
83 YARDS
3 RAM
297 YARDS
I's DIP
LOW MAIN
REGATOR
TO OLD SOUTH
BLACKSHALE


Revision of 1914 with additions in 1938-1939
PROVISIONAL EDITION.
BLACKWELL R.D.
CLAY CROSS DIVISION
DERBYSHIRE
B L A C K W E L L
HUTHWAITE
Blackwell
LONDON & NORTH EASTERN RAILWAY
Waterloo Seam
Shallow workings near Outcrop
BLACKWELL 'B' WINNING
SL. 379 A.O.D.
Low Main (DC)
Waterloo (DC)