

SS78NE/90

Geol. Dept. Cardiff.

Ref. No. 26

Bore No. 4
At *Abbey Works, Morgan*

RECORD OF BORE OR PIT

2 1/2 inch sheet.

SS/78

7750.8696

Borers. *Government Co Ltd*
Purpose. *Site exploration*
Surface Level above O.D.
Standing water level below top.
Yield.

Date 1957 \

GEOLOGICAL NOTES	ORIGINAL DESCRIPTION.	Thickness		Depth.	
		Ft.	In.	Ft.	In.
	<i>Box No 4 S.L.30.21</i>				
	<i>made ground</i>	3	0	3	0
	<i>fine, uniform sand</i>	16	0	19	0
	<i>coarse sand with silty clay linters</i>	1	6	20	6
	<i>coarse sand</i>	18	6	39	0
	<i>Peat</i>	2	0	41	0
	<i>silty sand and clay</i>	25	0	66	0
	<i>gravel with clay linters</i>	14	0	80	0
	<i>nos 1, 2 and 3 gave unsatisfactory results, all failing to reach rock at shallower levels</i>				

SS78NE/116
7808 8691
1" 247

SECTIONS OF BOREHOLES AT MORFA BANK.

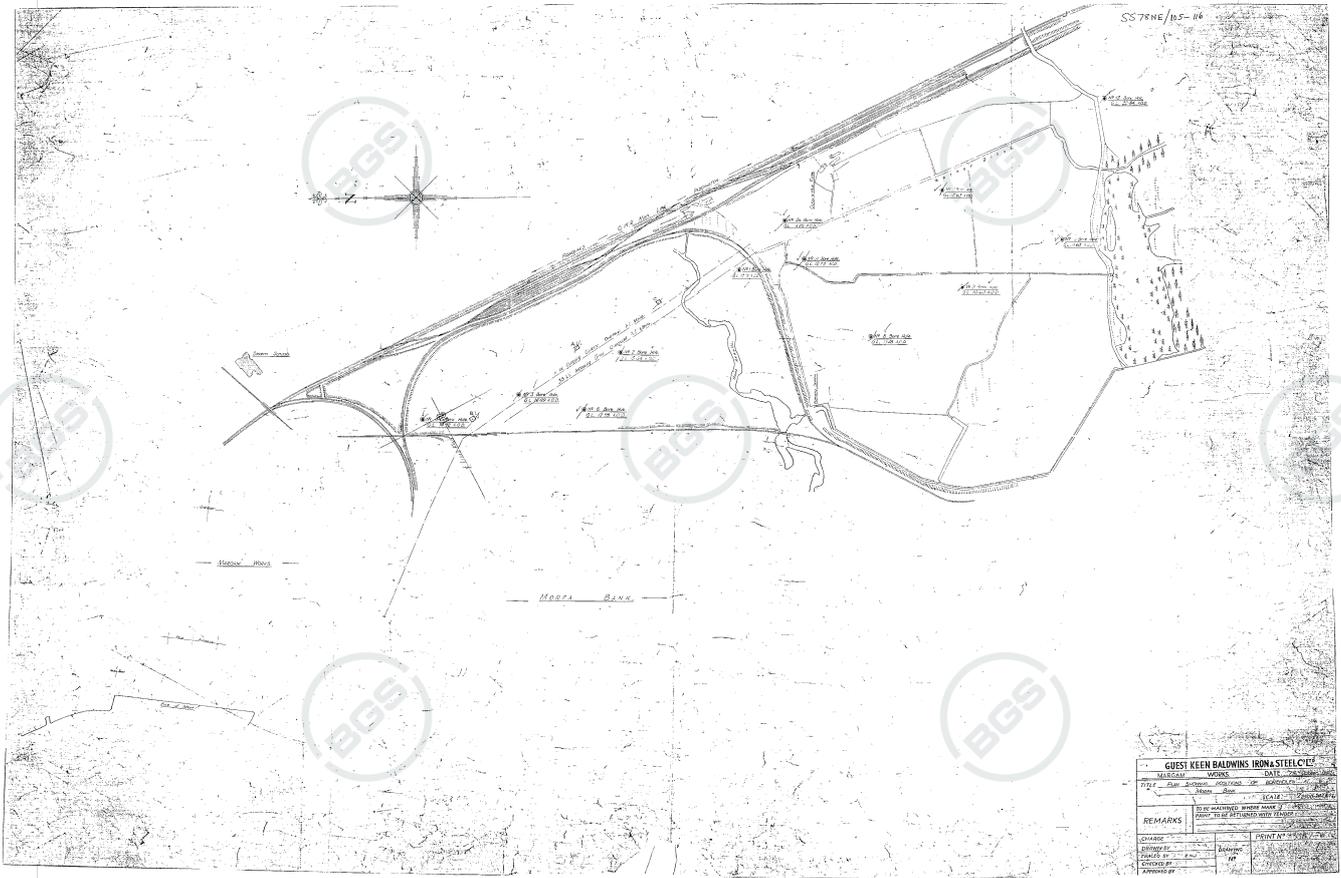
BORE NO. 13. STARTED:- 6TH. JULY, 1940.

GROUND LEVEL = 22.84 A.O.D. FINISHED:- 22ND. JULY, 1940.

STRATA.	THICKNESS.	TOTAL DEPTH.	REMARKS.
SOIL	6"	6"	
CLAY, SAND & COBBLES.	11'-6"	12'-0"	
COBBLES.	4'-3"	16'-3"	
SANDY CLAY (WITH COBBLES & GRAVEL)	15'-3"	29'-6"	
SANDY CLAY & GRAVEL.	25'-9"	55'-3"	-27
BLUE CLAY (VERY HARD).	6'-9"	59'-0"	-26
PENNANT ROCK.	4'-9"	63'-9"	-21



GUEST KEEN BALDWIN'S IRON & STEEL CO. LTD.			
MACHINE WORKS		DATE	
Title	Plan	Scale	Position
REMARKS		TO BE MARKED WITH MARKS	
CHANGE		PRINTED BY	
Checked by	Author		
Drawn by	Revised by		



STRATA		SS78NE/154	THICKNESS	LEVEL
		7712 8676 1"247		OL +21.02
SAND	1			
	2			
	3			
	4			
	5		4'-6"	+11.02
WET SAND	6			
	7			
	8			
	9			
	10			
DARK GREY CLAY	11			
	12		7'-6"	+8.52
	13			
	14			
	15			
	16			
	17			
	18			
	19			
	20		16'-6"	
PEAT	21			
	22			
	23			
	24			
	25			
	26			
	27			
	28			
	29			-7.92
	30			-7.48
LIGHT CLAY	31			
	32			
	33			
	34			
	35			
	36			
	37			
	38		8'-6"	-16.98
BLACK CLAY	39			
	40		2'-0"	-18.98
BROWN CLAY	41			
	42		2'-0"	-20.98
	43			
	44			
	45			
	46			
	47			
	48			
	49			
<u>REMARKS:</u>				
LOCATION	1250 N. 2250 W		RESERVOIR BORE HOLE No. 4	RA.



SS78NE/89

Geol. Dept. Cardiff.

Ref. No.

25 7706. 8690

Bore No.

At Abbey Walls

RECORD OF BORE OR PIT

2 1/2 inch sheet.

SS/75

For Steel Company of Wales

Borers. Soil Mechanics
Purpose. Site exploration
Surface Level above O.D. 20.4
Standing water level below top.
Yield.

Date 1959



GEOLOGICAL NOTES	ORIGINAL DESCRIPTION.	Thickness		Depth.	
		Ft.	In.	Ft.	In.
(25)	No 1. S.L. 20.4				
	Made ground	15	0	15	0
	Fine sand	3	0	18	0
	Silty clay	3	6	21	6
	Slightly silty sand	11	0	32	6
	Redt	1	6	34	0
	Silty sand with shells	1	0	35	0
	Redt	2	6	37	6
	Blue-grey, very clayey	9	0	46	6
	Redt	5	6	52	0
	Boulder clay	10	0	62	0
	Gravel, silty and clayey to 53ft. with cobbles below 56ft. in	9	0	71	0
	Boulder clay	1	0	72	0
	Sand, gravel and cobbles	2	6	74	6
	Redhead Boulder clay	3	6	78	0
Weathered shale and mudstone	2	0	80	0	
COAL	15	0	95	0	
Shale and mudstone	13	4	111	10	
Fine-grained sandstone	2	2	112	0	
Mudstone and shale	5	6	117	6	
Medium-grained sandstone	2	6	120	0	
Shale with lenticled shale and signs of slickensiding at about 117ft					
Traces of COAL					
No 2 nearly gave similar results					