

SS78NE/90

Geol. Dept. Cardiff.

Ref. No. 26

Bore No. 4

At

Abbey Walls,  
Morgan

For

RECORD OF  
BORE OR PIT

2 1/2 inch sheet.

SS/78

7750.8696

Borers.

Gwyneth Co Ltd

Purpose.

Site exploration

Surface Level above O.D.

Standing water level below top.

Yield.

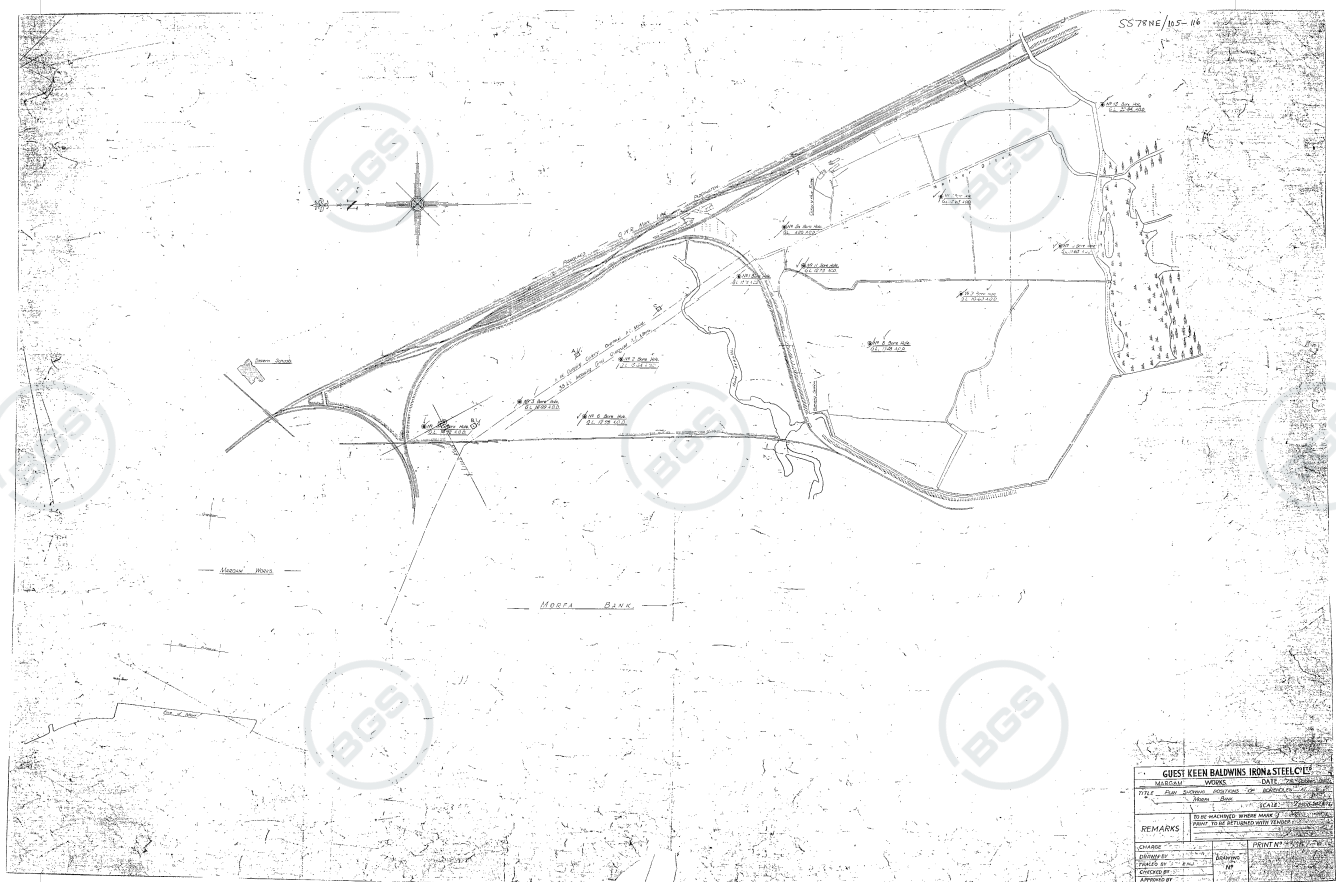
Date

1957 \

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

<div style="text-align: right;">SS 78 NE/116</div> <div style="text-align: center;">SECTIONS OF BOREHOLES AT MORFA BANK.</div> <div style="text-align: right;">7808 8691</div>			
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)	13'-3"	29'-6"	
SANDY CLAY & GRAVEL.	26'-9"	56'-3"	
BLUE CLAY (VERY HARD).	8'-9"	59'-0"	
PENNANT ROCK.	4'-9"	63'-9"	







STRATA		SS78NE/154 7712 8676 1"247	THICKNESS	LEVEL
				OL +21.02
SAND	1			
	2			
	3			
	4			
	5		4'-6"	+14.02
WET SAND	6			
	7			
	8			
	9			
	10			
DARK GREY CLAY	11			
	12		7'-6"	+8.52
	13			
	14			
	15			
DARK GREY CLAY	16			
	17			
	18			
	19			
	20		16'-6"	
DARK GREY CLAY	21			
	22			
	23			
	24			
	25			
DARK GREY CLAY	26			
	27			
	28			
	29			
	30			-11.98
DARK GREY CLAY	31			
	32			
	33			
	34			
	35			
DARK GREY CLAY	36			
	37			
	38		8'-6"	-16.98
	39			
	40		2'-0"	-18.98
DARK GREY CLAY	41			
	42		2'-0"	-20.98
	43			
	44			
	45			
DARK GREY CLAY	46			
	47			
	48			
	49			
	50			
REMARKS:				
LOCATION	1250 N. 2250 W.		RESERVOIR BORE HOLE No. 4	RA.

Geol. Dept. Cardiff.

Ref. No.

SS78NE/89  
25 7706. 8690

Bore No.

At Abbey Walls

RECORD OF

BORE OR PIT

For Steel Company of Wales

Borers.

Soil Mechanics

Purpose.

Site exploration

Surface Level above O.D.

Standing water level below top.

Yield.

20.4

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
	Redd	1	6	34	0
	Silty sand with shells	1	0	35	0
	Redd	2	6	37	6
	Blue-grey, very clayey	9	0	46	6
	Redd	5	6	52	0
	Boulder clay	10	0	62	0
	Gravel, silty and	9	0	71	0
	clayey to 53 ft. with	1	0	72	0
	cobbles below 56 ft. fin	2	6	74	6
	Boulder clay	3	6	78	0
	Sand, gravel and cobbles	2	0	80	0
	Redd	15	0	95	0
	Unweathered shale and mudstone	6	6	98	6
	COAL	13	4	111	10
	Shale and mudstone	2	2	112	0
	Fine-grained sandstone	5	6	117	6
	Mudstone and shale	2	6	120	0
	Medium-grained sandstone				
	Shale with lenticled				
	shale and signs of				
	slipshoring at about 117 ft				
	Traces of COAL				
	No 2 nearly gave				
	similar record				