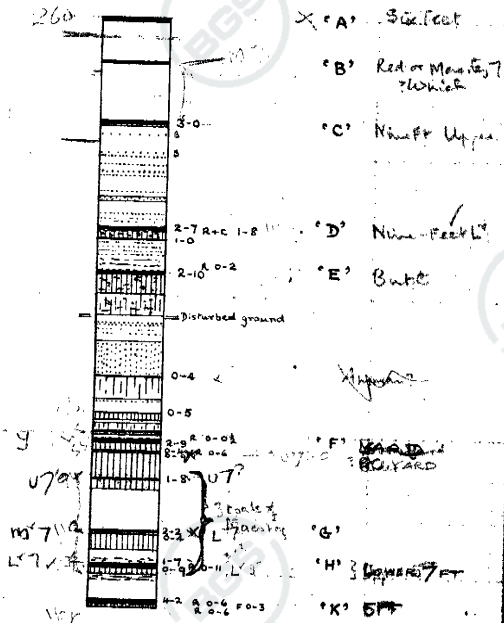


Annex D

Historical Borehole Records

H.H. 17SE/4
AVON COLLIERY SS89NE/16
Down drift Mynyddy. Caerau Property.





1063 Wt. 22438/0384 10m 7/45 (51) F.&S.

RECORD OF SHAFT OR BORE FOR MINERALS

(For Survey use only)

1-inch Map Registered No.

Name and Number of Shaft or Bore Avon Colly.

~~178E/4~~

1" : 248

Down drift beyond y Casran Property.

For Messrs.

6-inch Map Registered No.

SS 89 NE 16

Town or Village

County

Six-inch quarter sheet

Exact site

Attach a tracing from a map, or a sketch-map, if possible.

Purpose for which made

c. 893.958

Level at which shaft bore commenced relative to O.D.

State if shaft bore is up, down, horizontal or

inclined; in latter cases give angle of inclination and direction

Made by

Date of Sinking

Information from

Specimens

Additional Notes in Space Overleaf

(For Survey use only)
GEOLOGICAL CLASSIFICATION

NATURE OF STRATA	THICKNESS		DEPTH	
			(metre)	
Seam 'A' 6 ft.				
Ground	30		(9.14)	30
Seam 'B' RED COAL				
Ground	44		(22.57)	74
COAL Seam 'C' 9 ft	3		(23.48)	77
Fireclay	1	6	(23.94)	78 6
Cliff	6		(25.77)	84 6
Bastard rock	1	6	(26.23)	86
Cliff	11		(29.58)	97
Bastard rock		9	(29.81)	97 9
Cliff	1		(30.11)	98 9
Rock		6	(30.17)	99 3
Cliff	6	6	(32.25)	105 9
Rock	1	2	(32.61)	106 11
Cliff	3		(33.52)	109 11
Rock	1		(33.80)	110 11
Cliff	1		(34.14)	111 11
Rock	2		(34.77)	113 11
Cliff	11	6	(38.25)	125 5
Rock		6	(38.42)	125 11
Cliff	3	6	(39.49)	129 5
Rock	3	6	(40.56)	132 11
Cliff	8	3	(43.05)	141 2
Rock		6	(43.20)	141 8
Cliff with rock beds	8	10	(45.40)	150 6
COAL	2	7	(46.19)	153 1
Rashes + COAL } Seam 'D'	1	8	(47.19)	154 9
Fireclay + mine } 30 ft	6		(49.00)	160 9

Continued Overleaf

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

Date received

Correspondence File No.

1" N.S. Map No.

1" O.S. Map No.

Site marked (use symbol) on 1" Map on 6" Map



(11932) Wt.30370/0370 10,000 9/39 A.&E.W.Ltd. Gp.685

Name and Number of Shaft or Bore given by Geological Survey:

Down drift - Mynydd y Caeron (2)

County: _____

6" Quarter Sheet _____

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH	
				metres	
				160	9
	COAL	1		49.05	160
	Cliff with beds of rock	2	9	49.88	163
	Cliff		6	50.05	164
	Rock		9	50.27	164
	Cliff	1		50.58	165
	Rock	1	3	55.95	167
	Cliff	2	6	51.69	169
	Rock	1		52.03	170
	Cliff with mine	11		55.37	181
	Rashes		2	55.43	181
DATE	COAL Seam 'E' Yard	2	10	56.30	184
	Fireclay with mine	15		50.82	199
	Cliff, fireclay & mine	15		65.45	214
*	Disturbed ground	3		66.37	217
	Cliff	1	6	66.79	219
	Rock	2		67.49	221
	Cliff with rock	4	6	68.79	225
	Cliff & rock in beds	3		69.71	228
	Cliff	4	3	71.01	232
	Rock in beds	25	9	73.86	258
Human	COAL		4	73.92	258
	Cliff & fireclay	17		84.15	275
	Rock	1		84.46	276
	Cliff	5	3	86.67	284
	COAL		5	86.79	284
	Fireclay	4	6	88.16	289
	Cliff	1	6	88.63	290
	Cliff & fireclay	5	6	90.28	296
	Mine	1		90.60	297
	Cliff	1	6	91.07	298
	Mine	1		91.36	299
	Cliff	3	6	92.43	303
	RASHES		1	92.44	303
Yard	COAL } SEAM 'F'	2	9	93.30	305
	Fireclay	6	6	95.26	312
	COAL		4	95.36	312
	RASHES		6	95.56	313
	COAL		9	95.77	313
	Fireclay	17	3	101.03	331
To 2700	COAL	1	8	101.51	332
	Fireclay	7	9	103.88	340
	Cliff	28	9	112.64	369
2197 to 2700	COAL } SEAM 'G'	2	2	113.20	371
	Fireclay	2		113.91	373
	COAL		4	114.01	373
	Fireclay	8	9	116.69	382
	Cliff	5	3	118.30	387
	Cliff & mine	5	3	119.80	393
5100 to 5170	COAL	1	7	120.32	394
	RASHES } Seam 'H'		11	120.66	395
	COAL		9	120.80	396
	Fireclay	3	9	127.02	400



(*11932) Wt.30370/0370 10,000 9/39 A.& E.W.Ltd. Gp.685

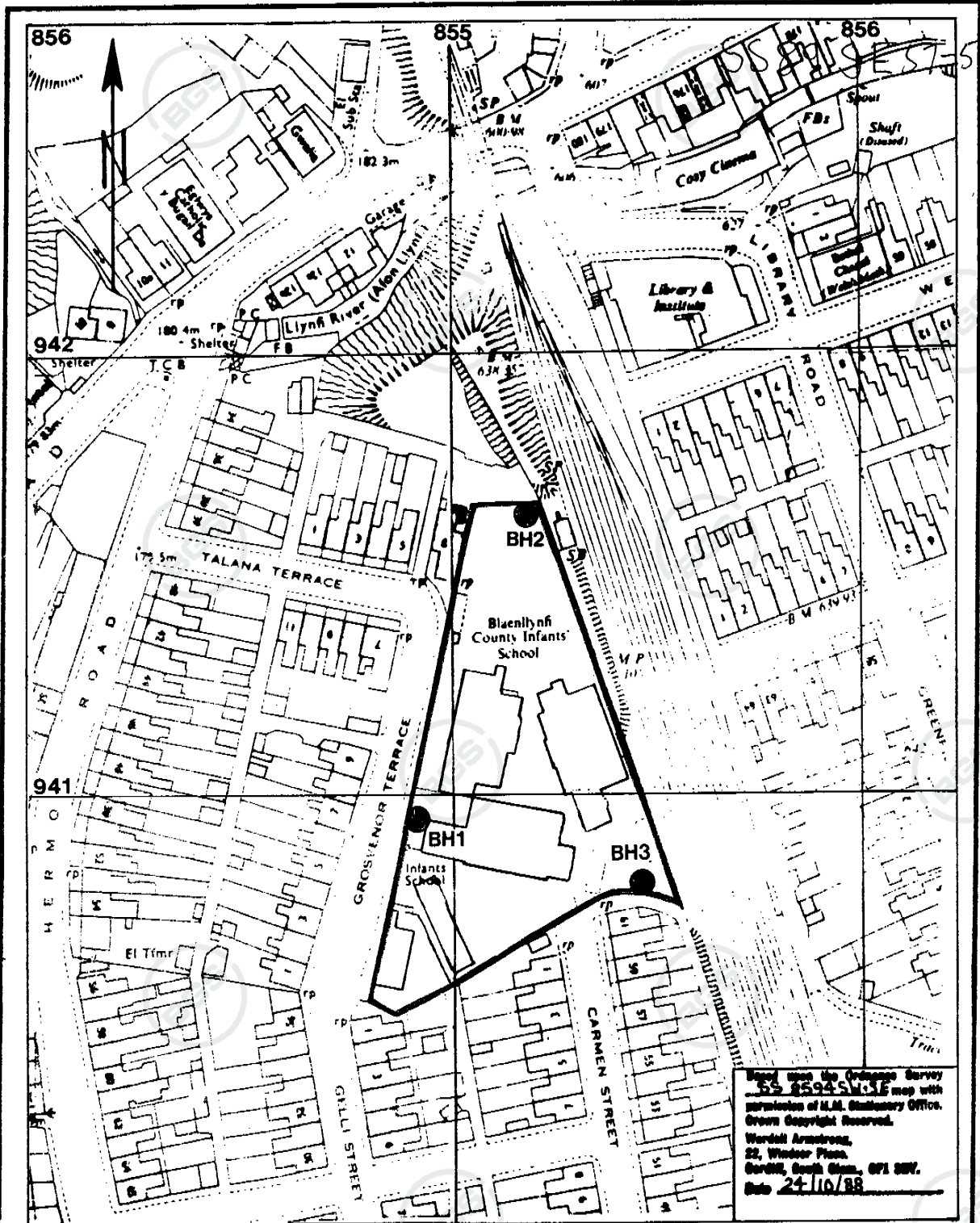
Name and Number of Shaft or Bore given by Geological Survey :

Don drift - Mynydd y Caeraw (3)


County _____

6" Quarter Sheet _____

GEOLOGICAL CLASSIFICATION	DESCRIPTION	THICKNESS		DEPTH		
				<i>(123.80)</i>	<i>400</i>	<i>12</i>
	<i>Cliff with mine in bed.</i>	<i>5</i>	<i>9</i>	<i>(123.80)</i>	<i>405</i>	<i>10 1/2</i>
	<i>Cliff</i>	<i>13</i>	<i>6</i>	<i>(127.49)</i>	<i>419</i>	<i>4 1/2</i>
<i>520.</i>	<i>COAL } Seam 'K'</i>	<i>4</i>		<i>(129.11)</i>	<i>423</i>	<i>4 1/2</i>
	<i>"</i>		<i>2</i>	<i>(129.16)</i>	<i>423</i>	<i>6 1/2</i>
	<i>RASHES</i>		<i>6</i>	<i>(129.30)</i>	<i>424</i>	<i>1 1/2</i>
	<i>Fine clay</i>		<i>3</i>	<i>(129.39)</i>	<i>424</i>	<i>3 1/2</i>
	<i>RASHES</i>		<i>6</i>	<i>(129.55)</i>	<i>424</i>	<i>9 1/2</i>



**MID GLAMORGAN COUNTY COUNCIL,
BLAENLLYNFI INFANTS SCHOOL.
CAERAU, MAESTEG.**

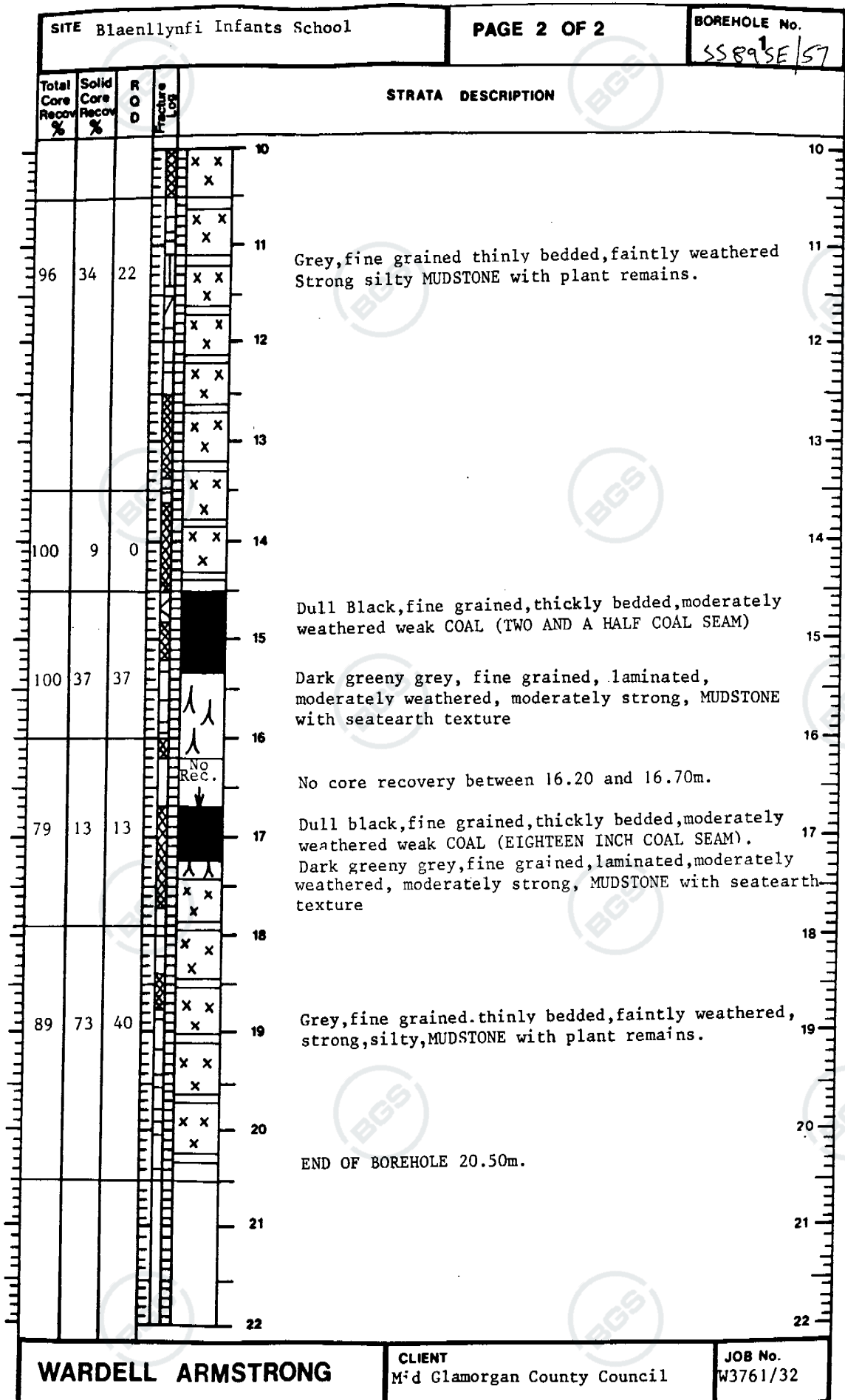
Reference
Site Area shown
Location of cored boreholes shown..... 

Location of Site Investigation Boreholes.

WARDELL ARMSTRONG	DRG. No. 9/W3761/32	SCALE:- 1:1250
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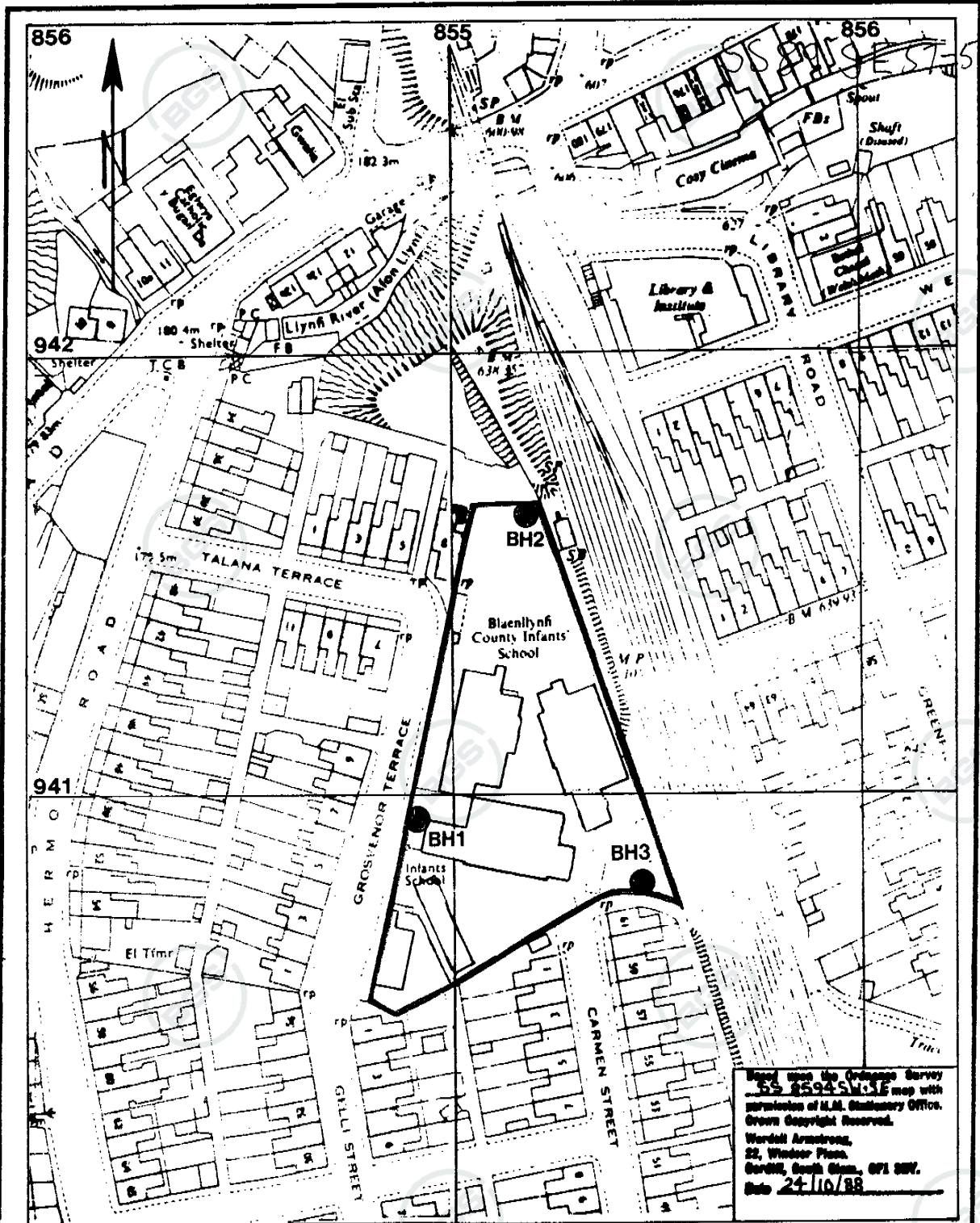
CONTRACTOR Stanley Pugh And Company Limited			DATE OF DRILLING 28th March 1988	DRILLING METHOD Rotary Diamond Core	BOREHOLE No. SS89SE/57
GROUND LEVEL 185.9m A.O.D.		ORIENTATION Vertical	SITE Blaenllynfi Infants School, Caerau, Maesteg		PAGE 1 OF 2
Total Core Recov %	Solid Core Recov %	R O D	STRATA DESCRIPTION NGR. 8549 9410		
			1	Tarmac - Drillers Description	
				2	Madeground - Drillers Description
				3	1 Boulder Clay - Drillers Description
				4	2.
				5	Sand and Gravel - Drillers Description
				6	3.
				7	4.
				8	5.
				9	6. Coal - Drillers Description (UPPER YARD COAL SEAM)
				10	7.
					8. Mudstone - Drillers Description
					9. START OF CORING 9.00m
94	7	7			10. See Over
KEY			REMARKS		
LOGGED BY D.A. LISTER			SCALE 1/50 METRES		
WARDELL ARMSTRONG			CLIENT MID GLAMORGAN COUNTY COUNCIL		JOB No. W3761/32
			Rotary Openhole drilling, utilising air flushing medium No groundwater encountered.		



WARDELL ARMSTRONG

CLIENT
M'd Glamorgan County Council

JOB No.
W3761/32



Based upon the Ordnance Survey
65 25945M:3E map with
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Wardell Armstrong,
22, Windsor Place,
Cardiff, South Glam., CF1 3DY.
Date 24/10/88

**MID GLAMORGAN COUNTY COUNCIL,
BLAENLLYNFI INFANTS SCHOOL.
CAERAU, MAESTEG.**

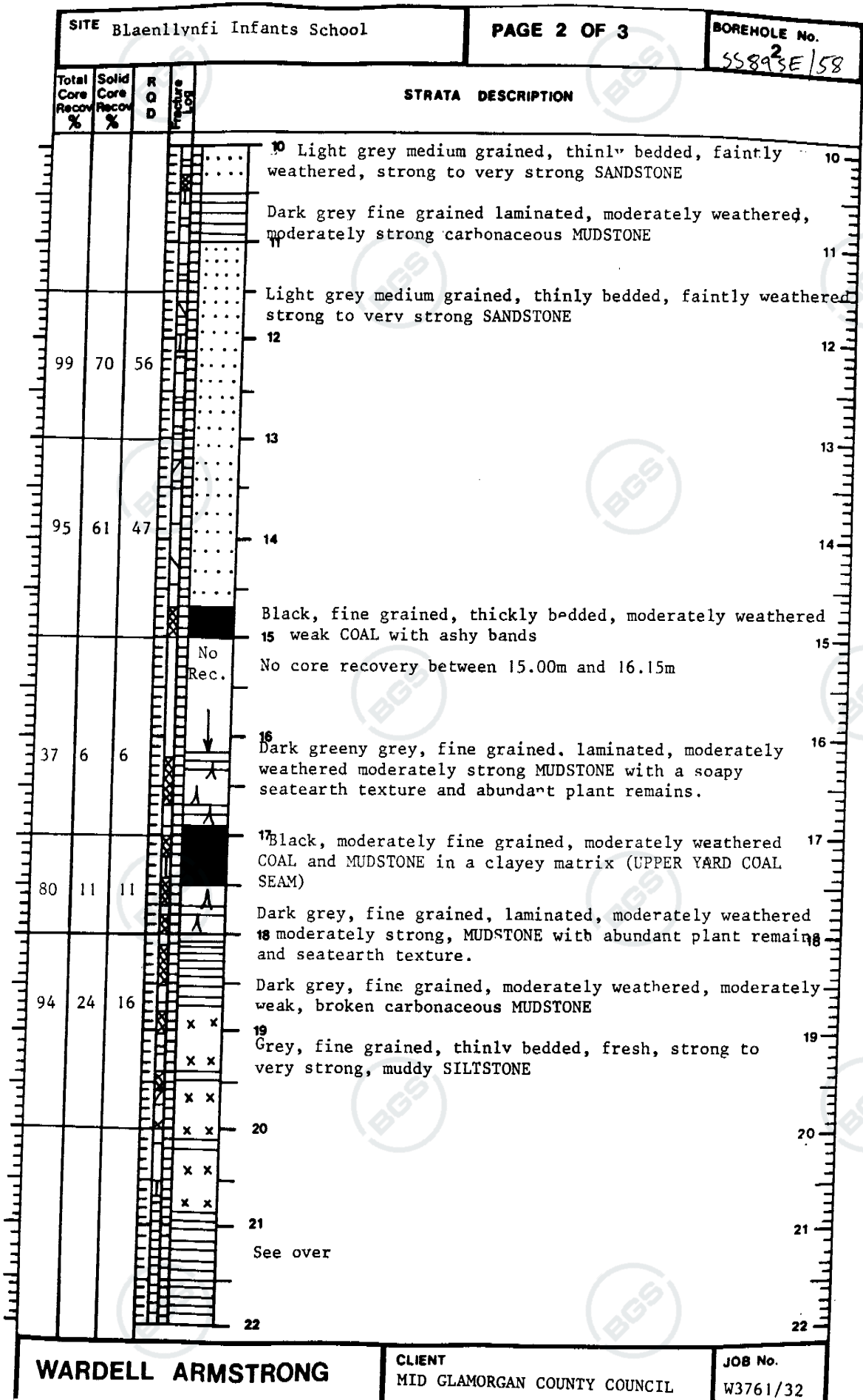
Reference
Site Area shown
Location of cored
boreholes shown.....

Location of Site Investigation Boreholes.

WARDELL ARMSTRONG	DRG. No. 9/W3761/32	SCALE:- 1:1250
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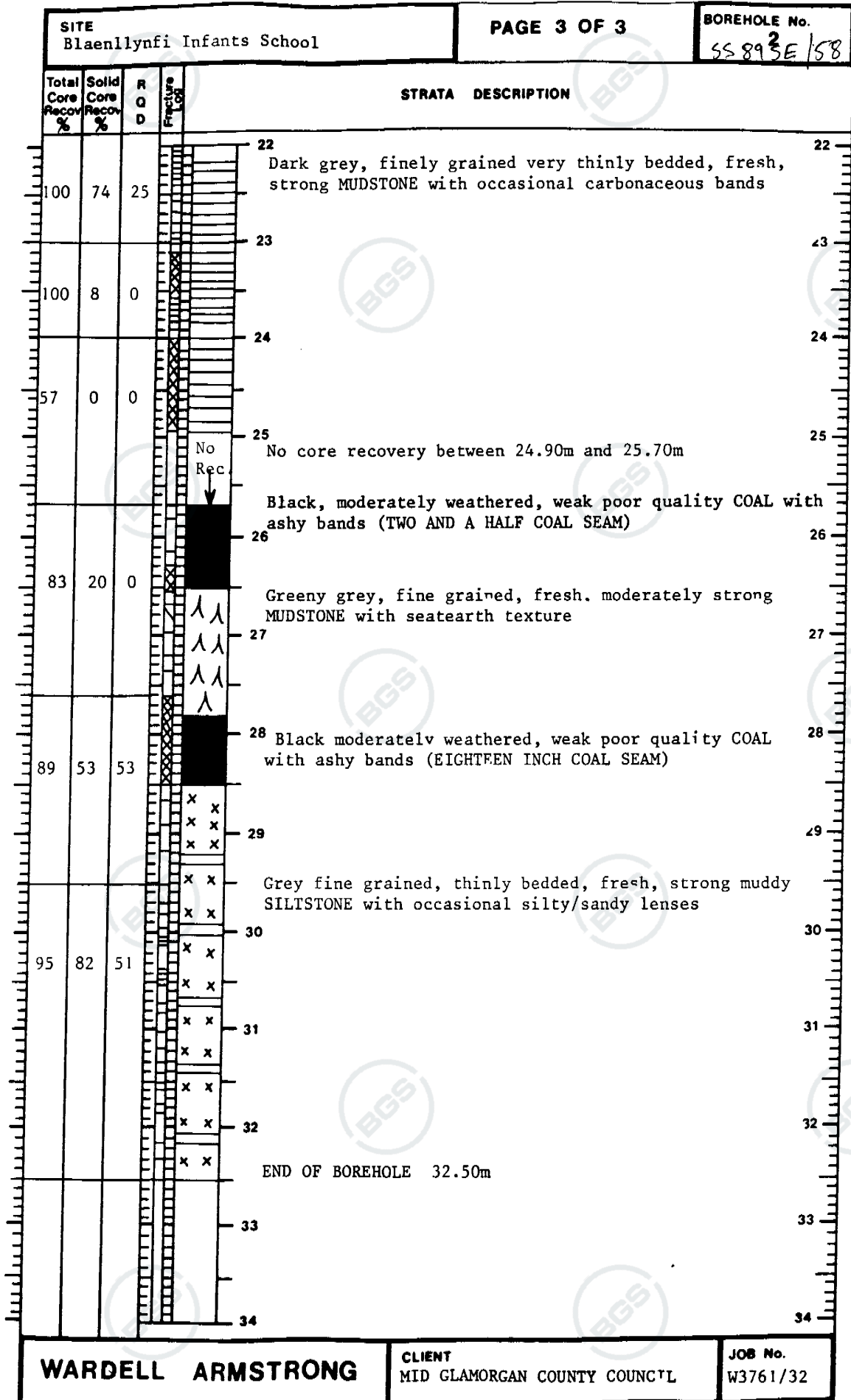
CONTRACTOR STANLEY PUGH AND COMPANY LIMITED			DATE OF DRILLING 23rd, 24th and 25th MARCH 1988		DRILLING METHOD ROTARY DIAMOND CORE		BOREHOLE No. SS 89SE/58 ²	
GROUND LEVEL 189.0m A.O.D.		ORIENTATION VERTICAL		SITE BLAENLLYNFI INFANTS SCHOOL, CAERAU, MAESTEG.			PAGE 1 OF 3	
Total Core Recov %	Solid Core Recov %	R O O D	Structure Log	STRATA DESCRIPTION NGR. 8552 9415				
				Tarmac - Drillers Description				
				Madeground - Drillers Description				
				1. Roulder Clay - Drillers Description				
				2. Sand and Gravel - Drillers Description				
				3. Grey MUDSTONE - Drillers Description				
				4. SANDSTONE - Drillers Description				
				5. START OF GORING 9.00m.				
				6. See over.				
92	57	30		7. 8. 9. 10.				
KEY				REMARKS Rotary openhole drilling to 9.00m, utilising air flushing medium Groundwater encountered at 11.50m				
LOGGED BY D.A.LISTER			SCALE 1/50 METRES		CLIENT Mid Glamorgan County Council			
WARDELL ARMSTRONG				JOB No. 73761/32				



WARDELL ARMSTRONG

CLIENT MID GLAMORGAN COUNTY COUNCIL

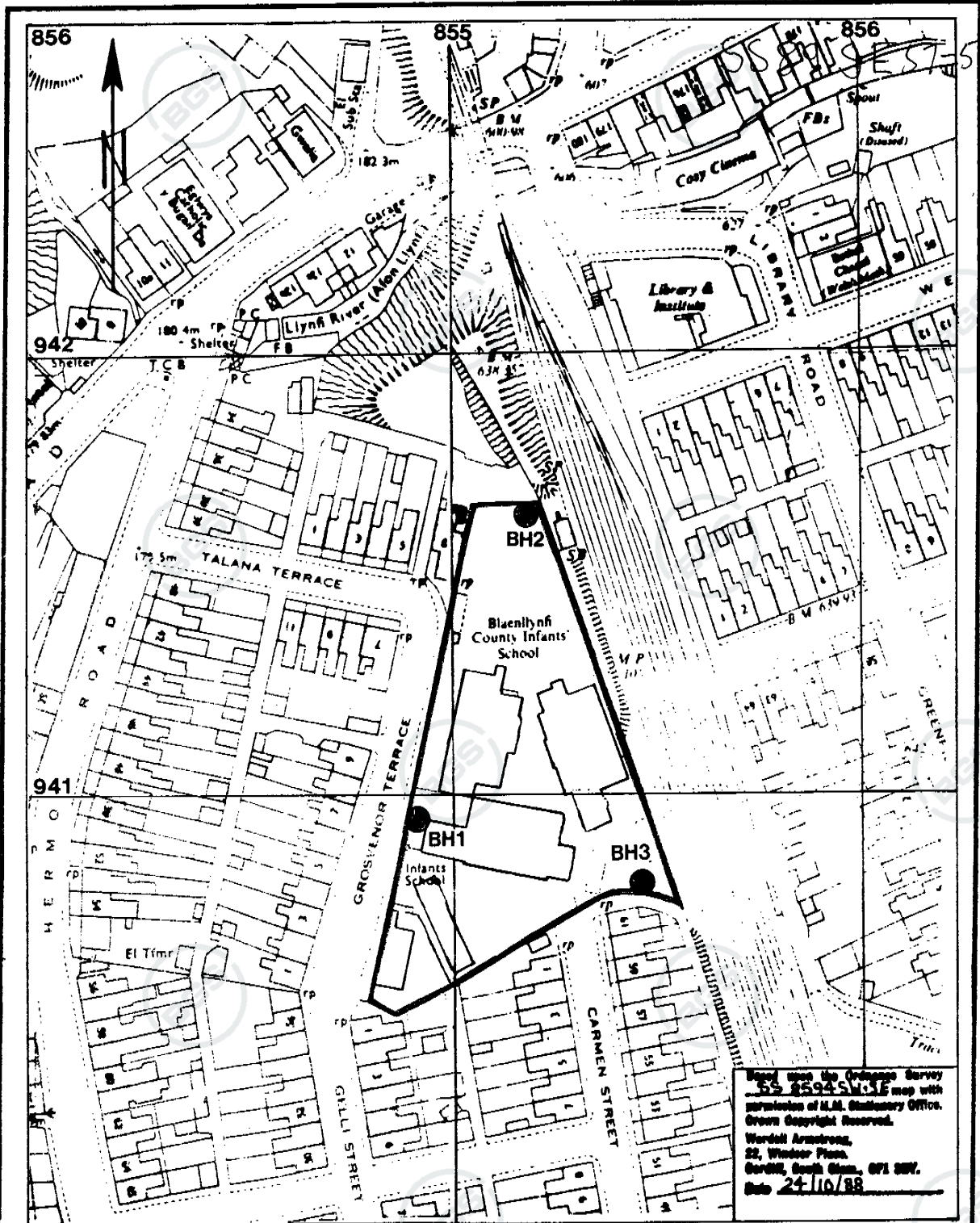
JOB No. W3761/32



WARDELL ARMSTRONG


CLIENT
MID GLAMORGAN COUNTY COUNCIL

JOB No.
W3761/32



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Wardell Armstrong,
22, Windsor Place,
Cardiff, South Glam., CF1 3DY.
Date 24/10/88

**MID GLAMORGAN COUNTY COUNCIL,
BLAENLLYNFI INFANTS SCHOOL.
CAERAU, MAESTEG.**

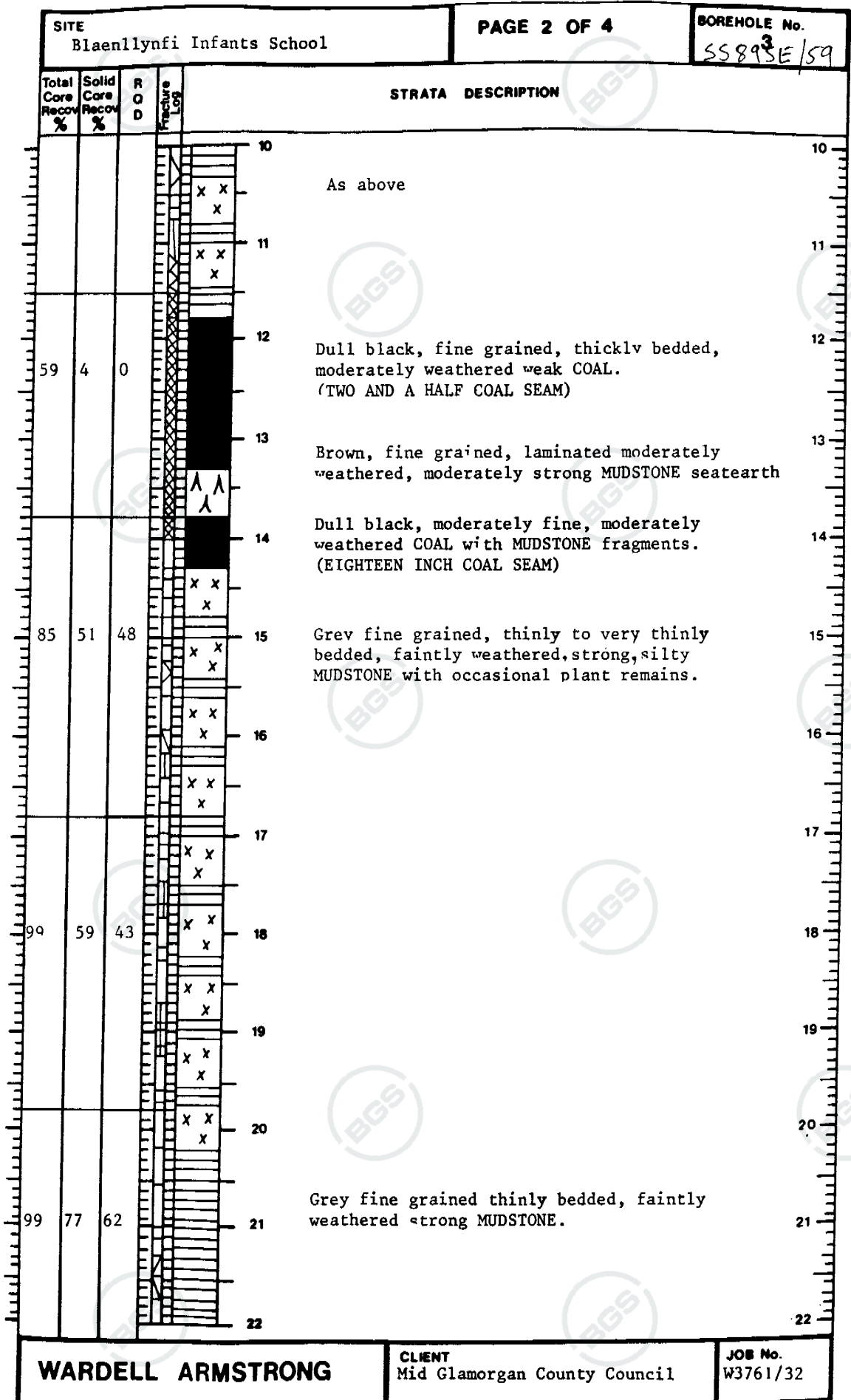
Reference
Site Area shown
Location of cored
boreholes shown.....  BH1

Location of Site Investigation Boreholes.

WARDELL ARMSTRONG	DRG. No. 9/W3761/32	SCALE:- 1:1250
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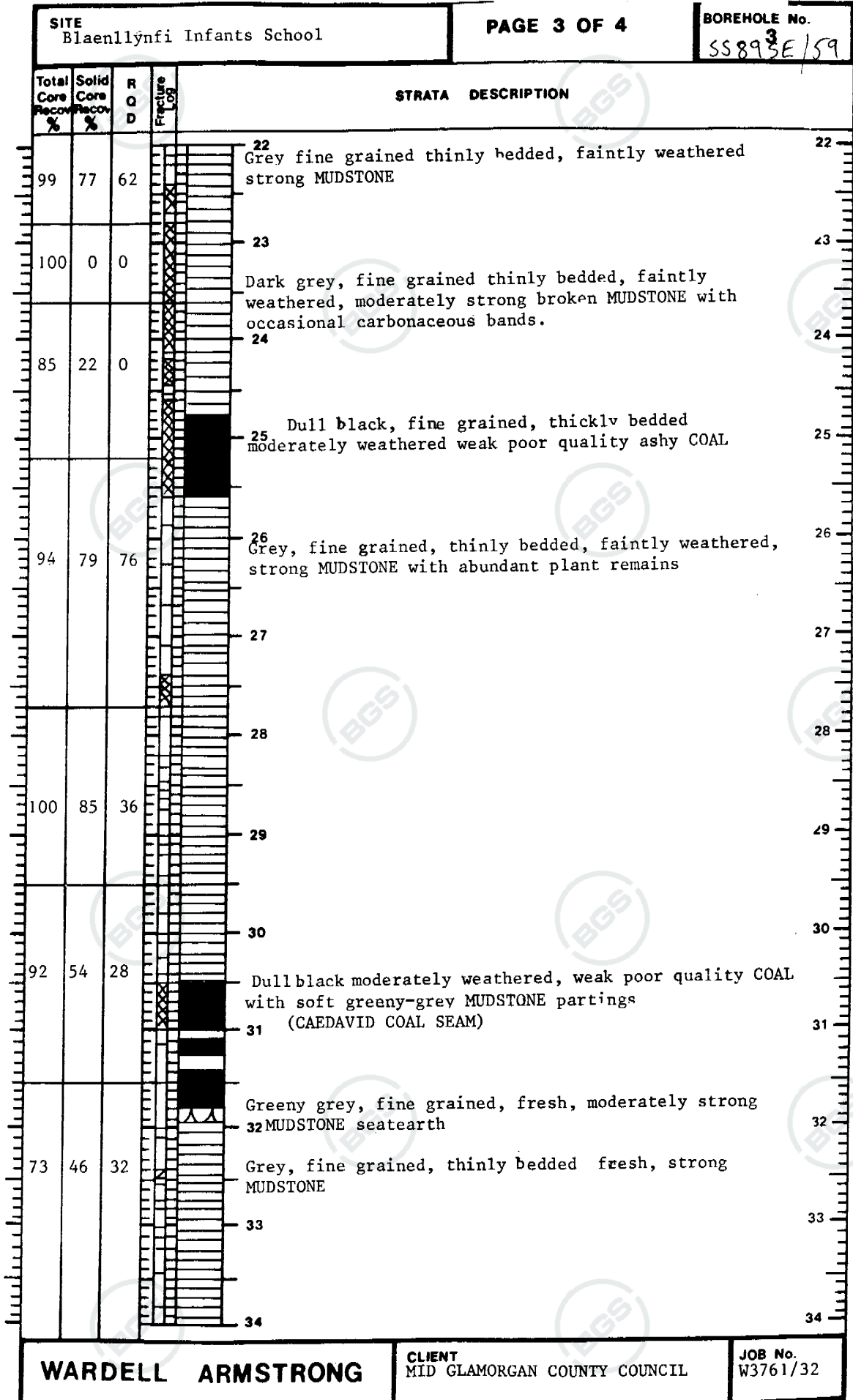
CONTRACTOR Stanley Pugh & Company Limited			DATE OF DRILLING 21st-23rd March 1988		DRILLING METHOD Rotary Diamond Core		BOREHOLE No. SS89SE/59 ³			
GROUND LEVEL 186.9m A.O.D			ORIENTATION Vertical		SITE Blaenllvnfi Infants School, Caerau, Maesteg.			PAGE 1 OF 4		
Total Core Recov %	Solid Core Recov %	R O D	Fracture Log	STRATA DESCRIPTION					8554 9409	
				Tarmac - Drillers Description						
				Madeground - Drillers Description						
				Boulder Clay - Drillers Description						
				Gravel - Drillers Description						
				Grey MUDSTONE - Drillers Description						
				START OF CORING 6.00m						
92	19	9	x x	Grey, fine grained, thinly bedded, faintly weathered, strong, silty MUDSTONE						
			x x							
			x x							
67	32	9	x x							
			x x							
			x							
KEY				REMARKS Rotary Openhole drilling to 6.00m utilising air flushing medium groundwater encountered at 6.50m						
LOGGED BY David A. Lister			SCALE 1/50 METRES							
WARDELL ARMSTRONG				CLIENT Mid Glamorgan County Council			JOB No. W3761/32			



WARDELL ARMSTRONG

CLIENT
Mid Glamorgan County Council

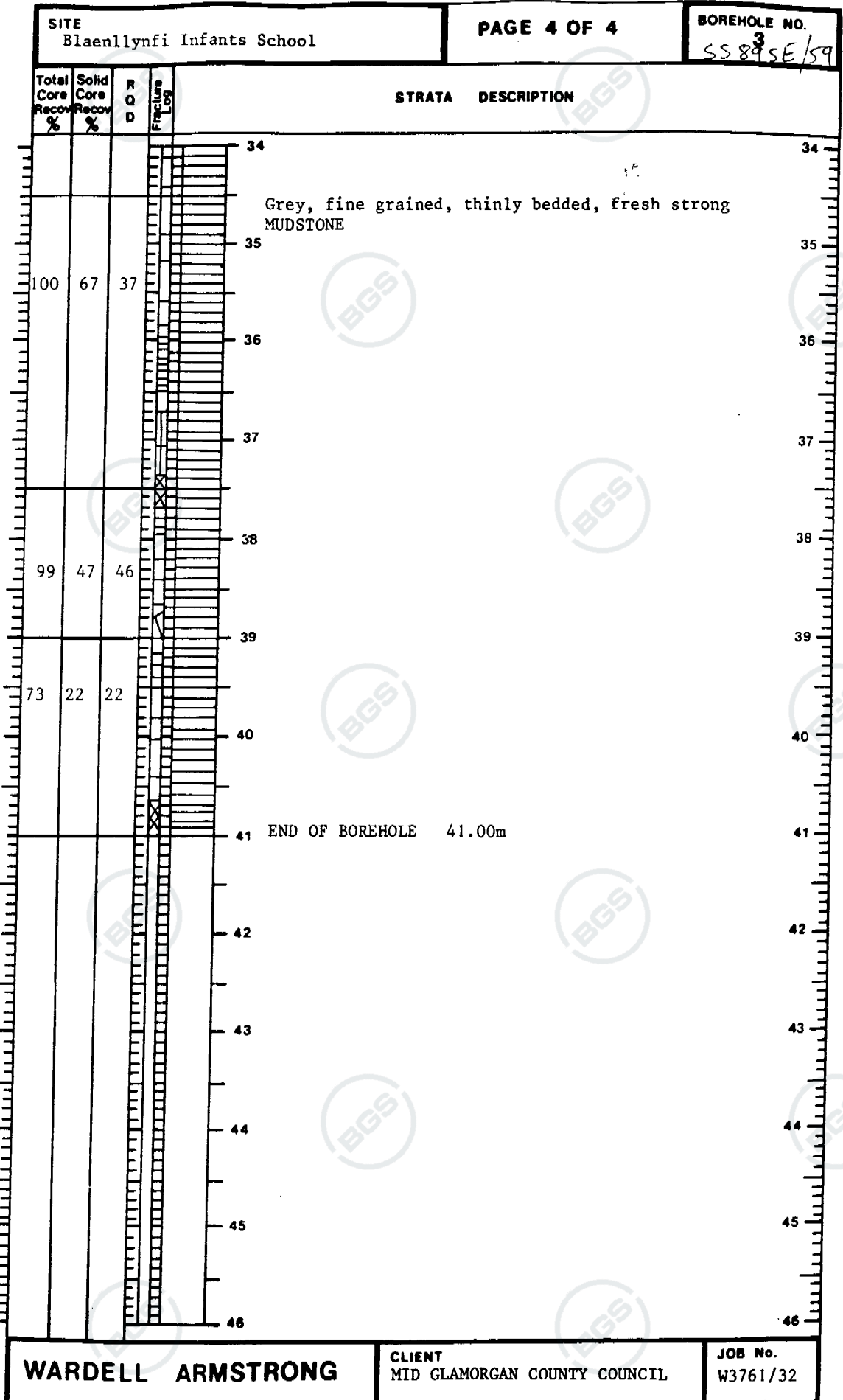
JOB No.
W3761/32



WARDELL ARMSTRONG

CLIENT
MID GLAMORGAN COUNTY COUNCIL

JOB No.
W3761/32



WARDELL ARMSTRONG

CLIENT
MID GLAMORGAN COUNTY COUNCIL

JOB No.
W3761/32

Applied Geology

Geologists and Geotechnical Engineers

Data Sheet

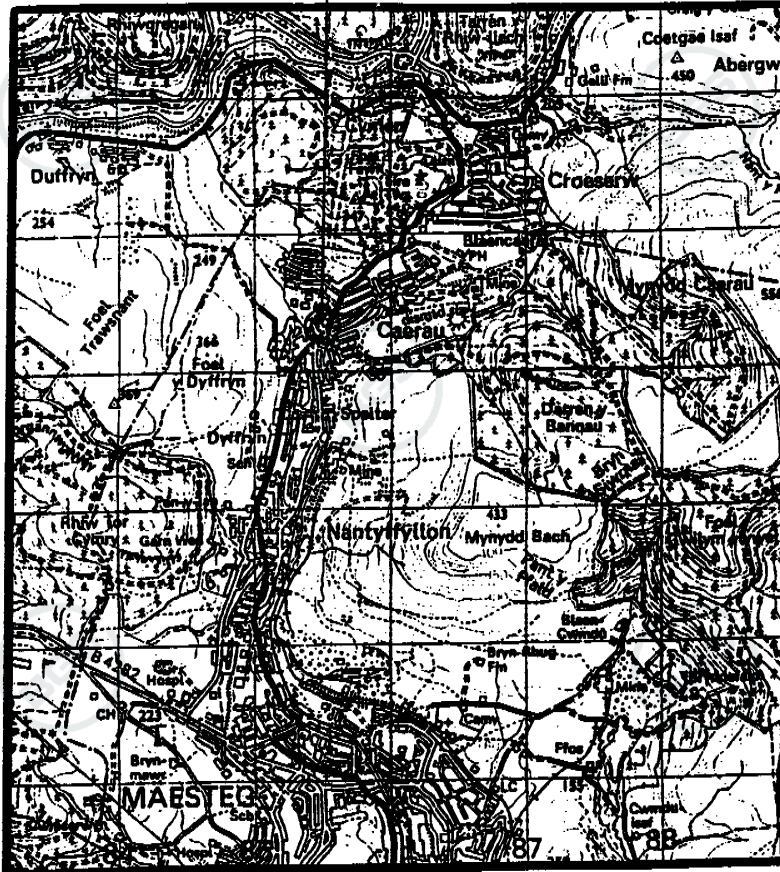
Project OLD RAILWAY STATION, CAERAU, MAESTEG

SS89SE, BH61-63

SITE LOCATION PLAN

SN 854943

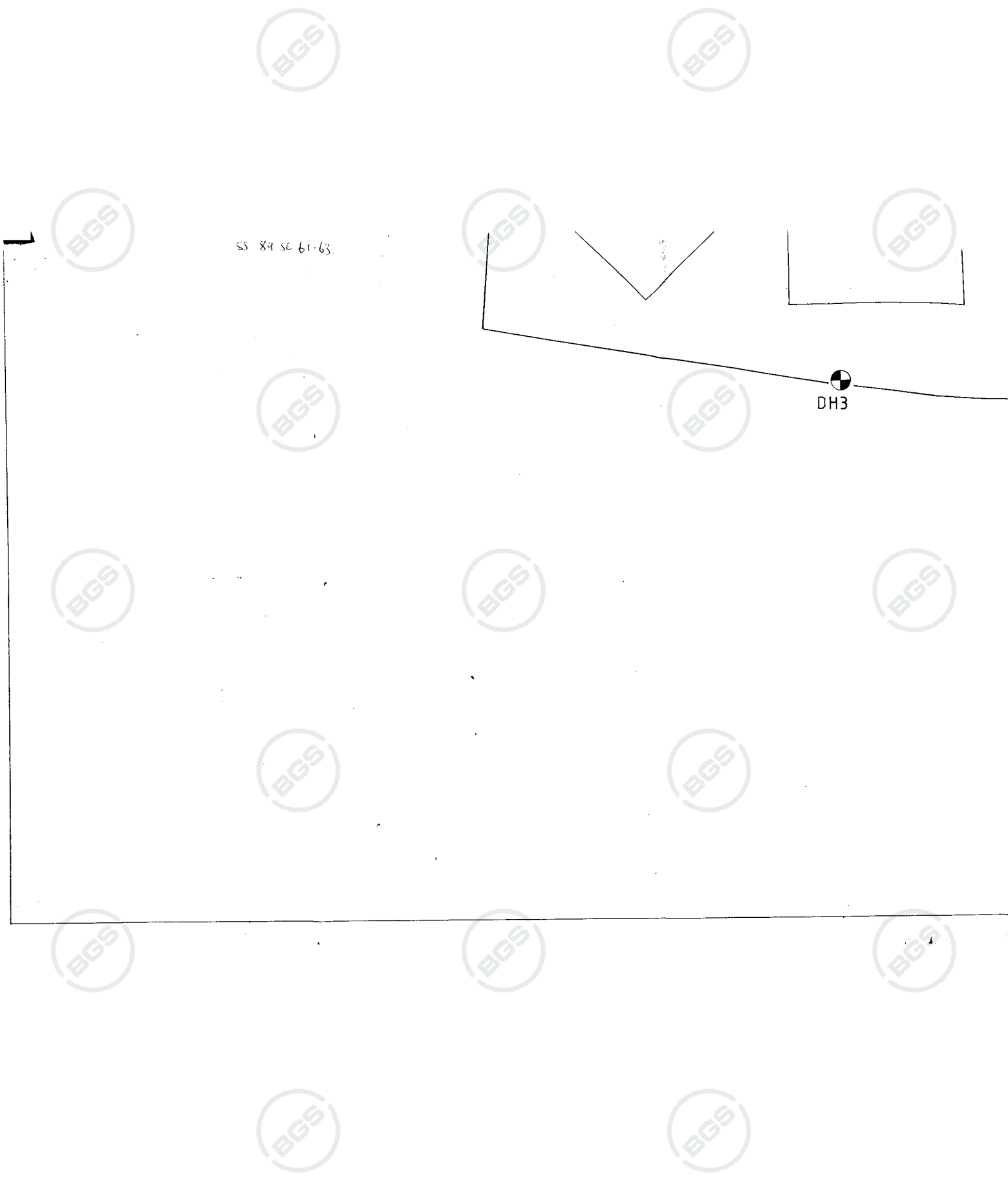
The Site

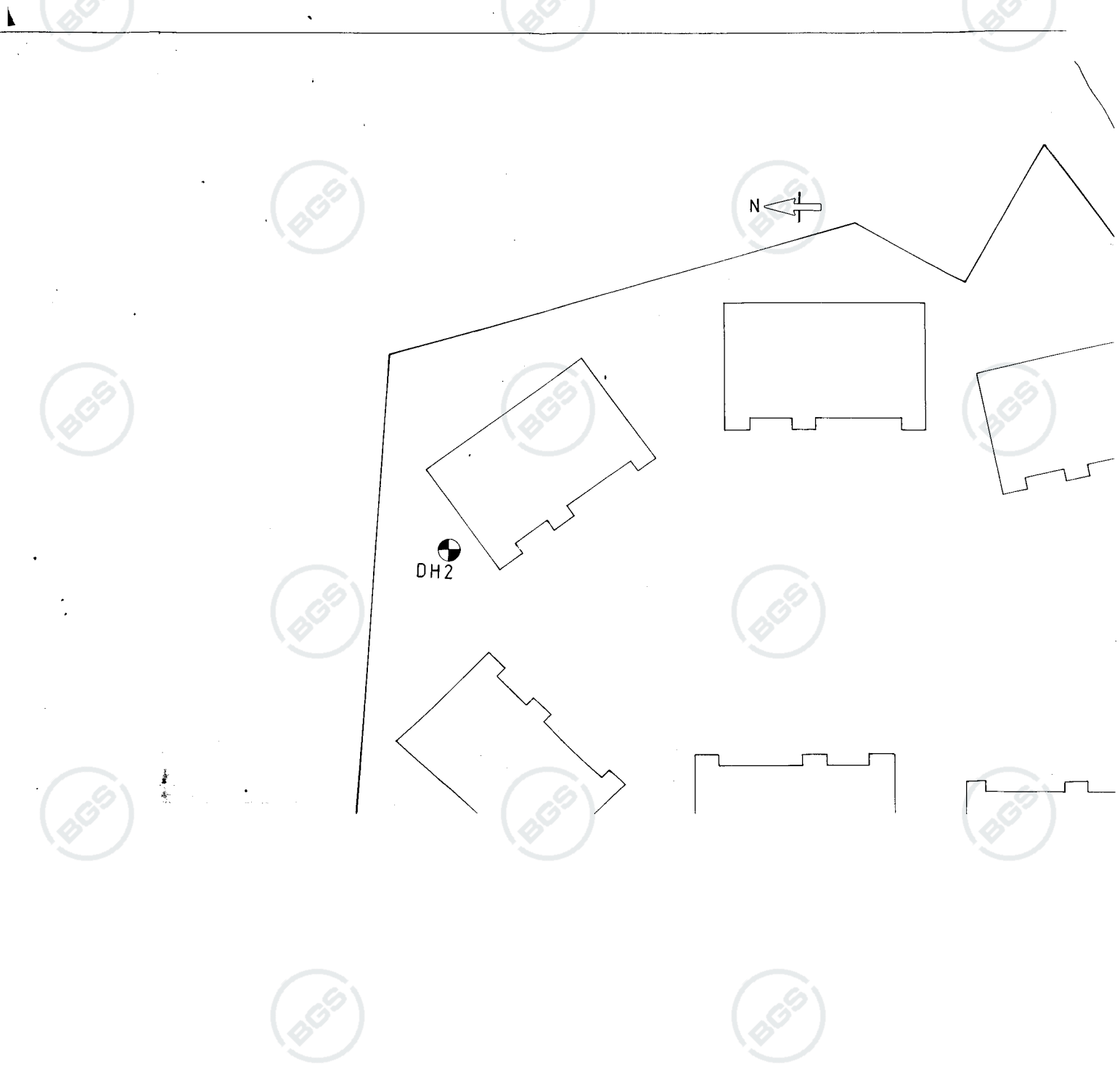


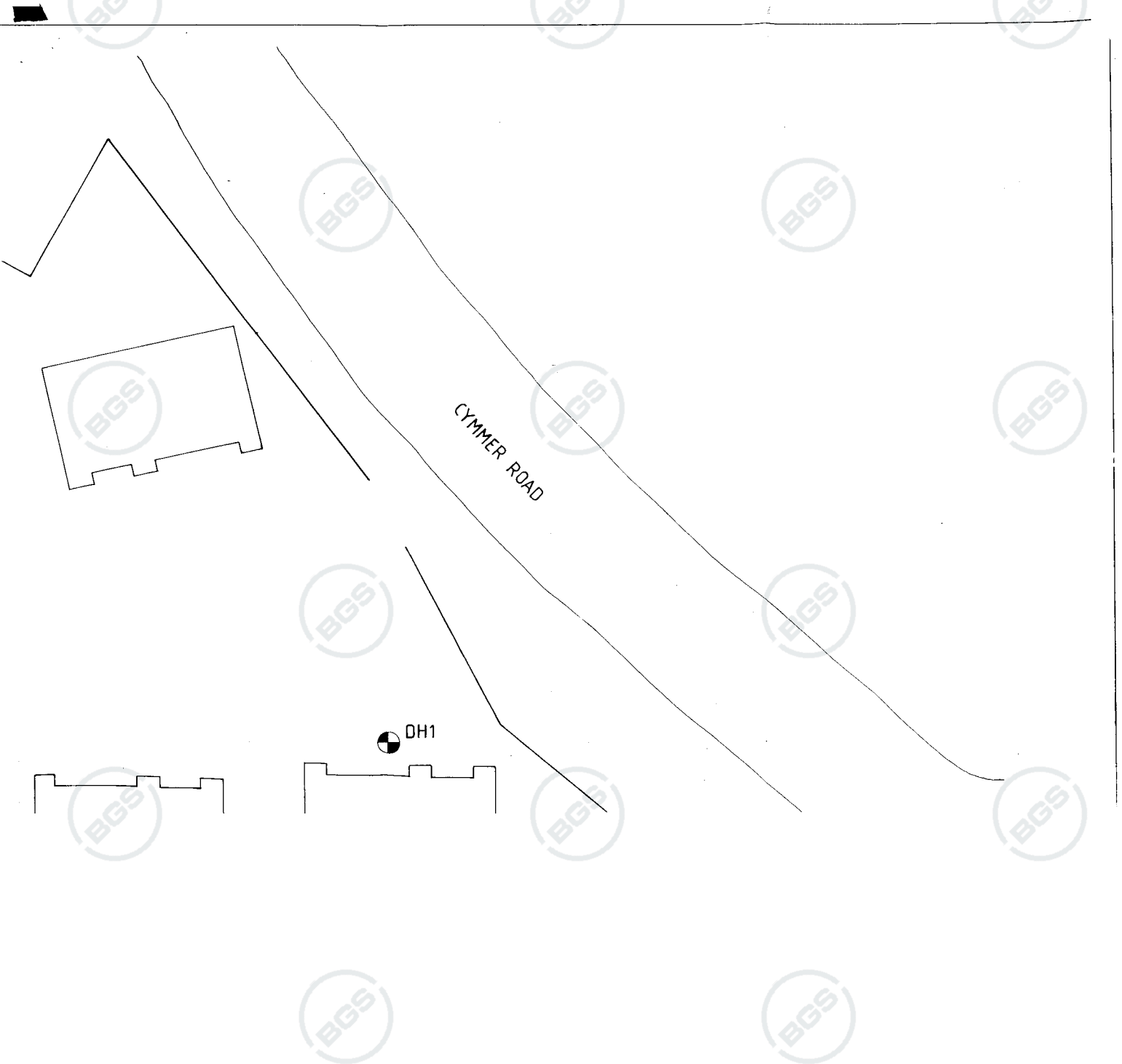
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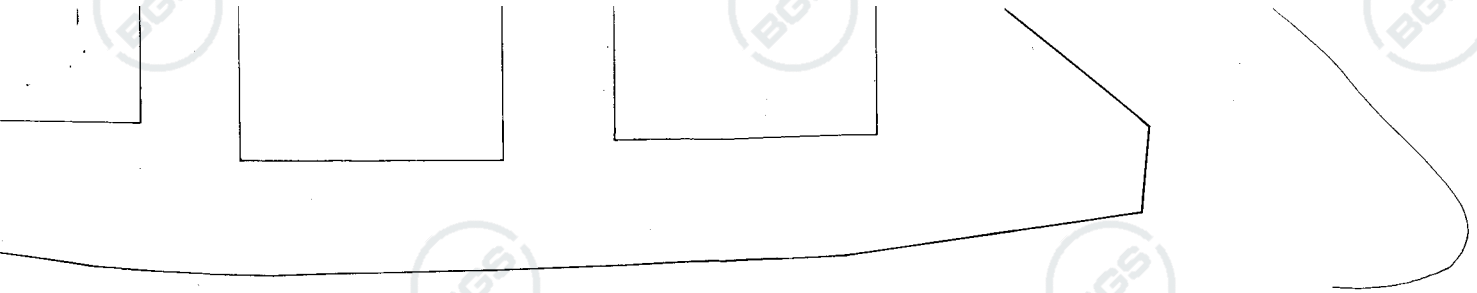
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FIGURE 1











LEGEND:-

 DH1 = LOCATION OF DRILL HOLE

REVISION	DATE	DESCR
Applied 		
CLIENT		
D. SMART AND A		
PROJECT		
OLD RAILWAY S CAERAU, MAES		
TITLE		
DRILL HOLE LC		
SCALE	DATE	DRA
1:200	NOV. 90	FI

30175/SR 207



SS 89 SE/61

Applied Geology										SITE OLD RAILWAY STATION, CAERAU, MAESTEG.										HOLE No. 1	
PROJECT REFERENCE 30175					CONTRACTOR					CLIENT D. SMART & ASSOCIATES					SHEET 1 of 4						
DRILLING DATA										PROGRESS										CO-ORDINATES	
DEPTH		METHOD			BIT TYPE	HOLE DIAM.	CORE DIAM.	CASING		DATE	TIME	HOLE DEPTH	CASING DEPTH	DEPTH TO WATER		NR					
GL-9.00		GRYPHON 10 RIG USING ODEX			ROCK HAMMER	110 mm		9.00	115 mm	31.10.	14.00	31.00	9.00			ELEVATION 189.40					
9.00-31.00		OPEN HOLE ROTARY PERCUSSION AIR FLUSH			ROCK HAMMER	100 mm															
RUN (FLUSH) %	TCR (ICR) %	SCR %	MAX MIN CL	ROD %	F.I.	DISCONTINUITIES		DEPTH	SAMPLES	DESCRIPTION & REMARKS				REDUCED LEVEL	LEGEND						
								3.00		MADE GROUND											
								7.50		CLAY, GRAVEL AND SAND											
								8.00		CLAY											
										MUDSTONE											
										(SEE NEXT SHEET)											
REMARKS 1) NR - Not Recorded 2) Elevation related to D. Smart site datum 3) All descriptions from open hole drilling are based on drillers identification from cuttings returned with the drill flush. 4) The rock strata belong to the Middle Coal Measures										GROUNDWATER BEHAVIOUR					LOGGED BY DRILLER						
										DEPTH		BEHAVIOUR			SEALED		PROJECT No.				
23.00		Variable due to Air Flush Drilling			-		30175														



SS 89 SE 161

Applied Geology		SITE OLD RAILWAY STATION, CAERAU, MAESTEG.										HOLE No. 1	
PROJECT REFERENCE 30175			CONTRACTOR				CLIENT D. SMART & ASSOCIATES					SHEET 2 of 4	
DRILLING DATA						PROGRESS					CO-ORDINATES		
DEPTH	METHOD	BIT TYPE	HOLE DIAM.	CORE DIAM.	CASING		DATE	TIME	HOLE DEPTH	CASING DEPTH	DEPTH TO WATER	NR	
					DEPTH	SIZE							
GL-9.00	GRYPHON 10 RIG USING ODEX	ROCK HAMMER	110 mm	-	9.00	115 mm	31.10.90	14.00	31.00	9.00	-	ELEVATION 89.40	
9.00-31.00	OPEN HOLE ROTARY PERCUSSION AIR FLUSH	ROCK HAMMER	100 mm										
RUN (FLUSH) %	TCR (ICR) %	SCR %	MAX MIN CL	ROD %	F.I.	DISCONTINUITIES	DEPTH	SAMPLES	DESCRIPTION & REMARKS			REDUCED LEVEL	LEGEND
									(SEE PREVIOUS SHEET)				
							11.10		DARK MUDSTONE				
							11.50		MUDSTONE				
							14.20		SANDSTONE				
							19.75		(SEE NEXT SHEET)				
REMARKS							GROUNDWATER BEHAVIOUR			LOGGED BY			
							DEPTH	BEHAVIOUR	SEALED	Driller			
										PROJECT No. 30175			

All dimensions are in metres unless otherwise stated.



SS 89 SE 161

Applied Geology		SITE OLD RAILWAY STATION, CAERAU, MAESTEG.										HOLE No. 1	
PROJECT REFERENCE 30175		CONTRACTOR				CLIENT D. SMART & ASSOCIATES						SHEET 3 of 4	
DRILLING DATA							PROGRESS					CO-ORDINATES	
DEPTH	METHOD	BIT TYPE	HOLE DIAM.	CORE DIAM.	CASING		DATE	TIME	HOLE DEPTH	CASING DEPTH	DEPTH TO WATER	NR	
					DEPTH	SIZE							
GL-9.00	GRYPHON 10 RIG USING ODEX	ROCK HAMMER	110 mm		9.00	115 mm	31.10.90	14.00	31.00	9.00		ELEVATION 189.40	
9.00-31.00	OPEN HOLE ROTARY PERCUSSION AIR FLUSH	ROCK HAMMER	100 mm										
RUN (FLUSH) %	TCR (ICR) %	SCR %	MAX MIN CL	ROD %	F.I.	DISCONTINUITIES	DEPTH	SAMPLES	DESCRIPTION & REMARKS			REDUCED LEVEL	LEGEND
									SANDSTONE				
							23.00		MUDSTONE				
							24.90		SILTSTONE			x x x	x x x
							26.50		SANDSTONE			x x x	x x x
							30.00		(SEE NEXT SHEET)				
REMARKS							GROUNDWATER BEHAVIOUR			LOGGED BY DRILLER			
							DEPTH	BEHAVIOUR	SEALED	PROJECT No. 30175			

All dimensions are in metres unless otherwise stated.



Applied Geology		SITE OLD RAILWAY STATION, CAERAU, MAESTEG. SS 89 SE / 61										HOLE No. 1			
PROJECT REFERENCE 30175		CONTRACTOR					CLIENT D. SMART & ASSOCIATES								
DRILLING DATA							PROGRESS					SHEET 4 of 4			
DEPTH		METHOD		BIT TYPE	HOLE DIAM.	CORE DIAM.	CASING		DATE	TIME	HOLE DEPTH	CASING DEPTH	DEPTH TO WATER	CO-ORDINATES	
GL-9.00		GRYPHON 10 RIG USING ODEX		ROCK HAMMER	110 mm		9.00	115 mm	31.10.90	14.00	31.00	9.00		NR	
9.00-31.00		OPEN HOLE ROTARY PERCUSSION AIR FLUSH		ROCK HAMMER	100 mm									ELEVATION 189.40	
RUN (FLUSH) %	TCR (ICR) %	SCR %	MAX MIN CL	ROD %	F.I.	DISCONTINUITIES	DEPTH	SAMPLES	DESCRIPTION & REMARKS				REDUCED LEVEL	LEGEND	
							30.05		COAL						
							31.00		MUDSTONE						
									END OF HOLE						
REMARKS							GROUNDWATER BEHAVIOUR					LOGGED BY DRILLER			
							DEPTH	BEHAVIOUR			SEALED	PROJECT No. 30175			

All dimensions are in metres unless otherwise stated.
AGL RL3 9.89

Applied Geology

Geologists and Geotechnical Engineers

Data Sheet

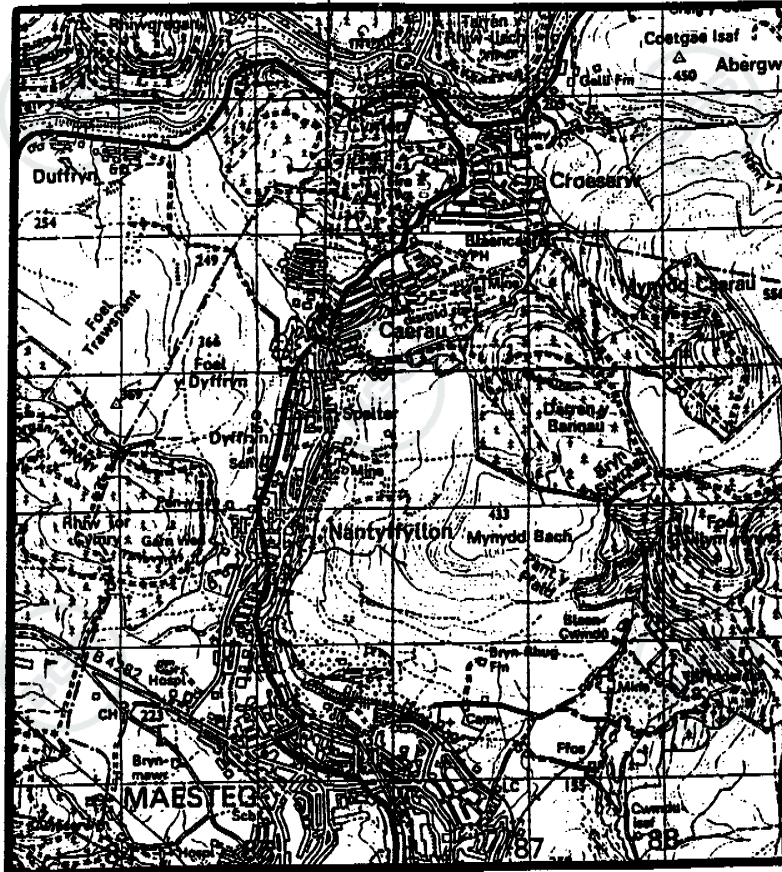
Project OLD RAILWAY STATION, CAERAU, MAESTEG

SS89SE, BH61-63

SITE LOCATION PLAN

SN 854943

The Site



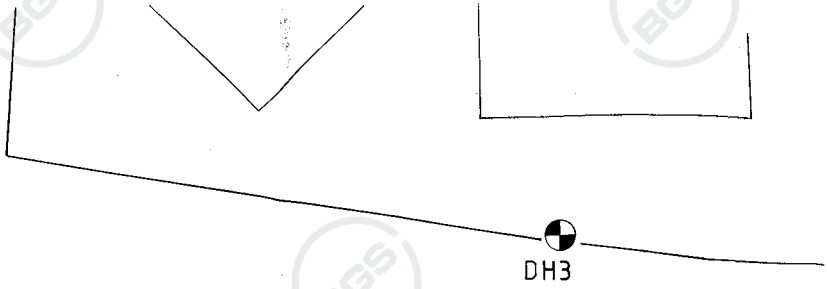
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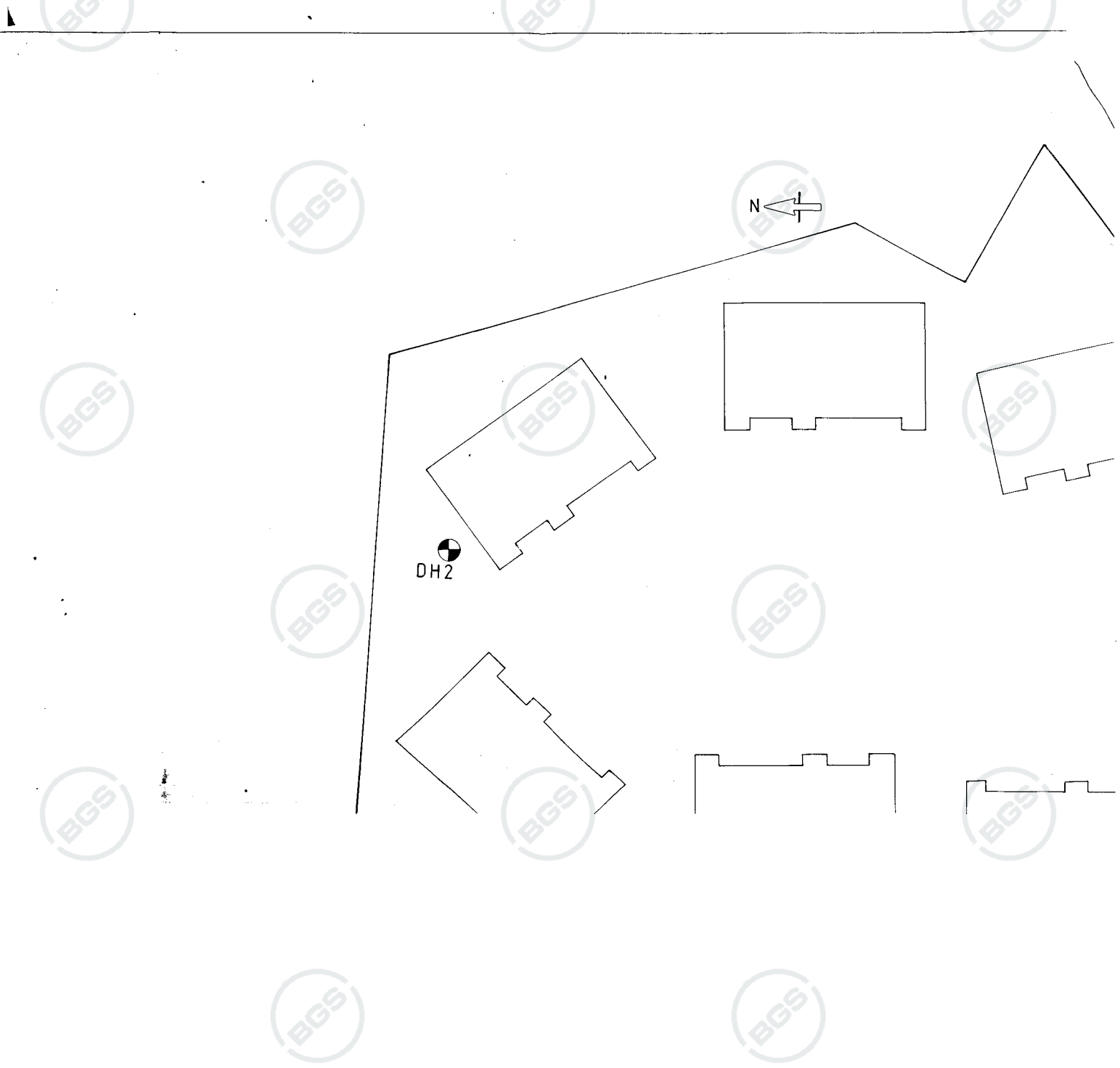
This Plan is based upon the Ordnance Survey Map with the sanction of the Controller of H.M. Stationery Office. Crown Copyright Reserved.

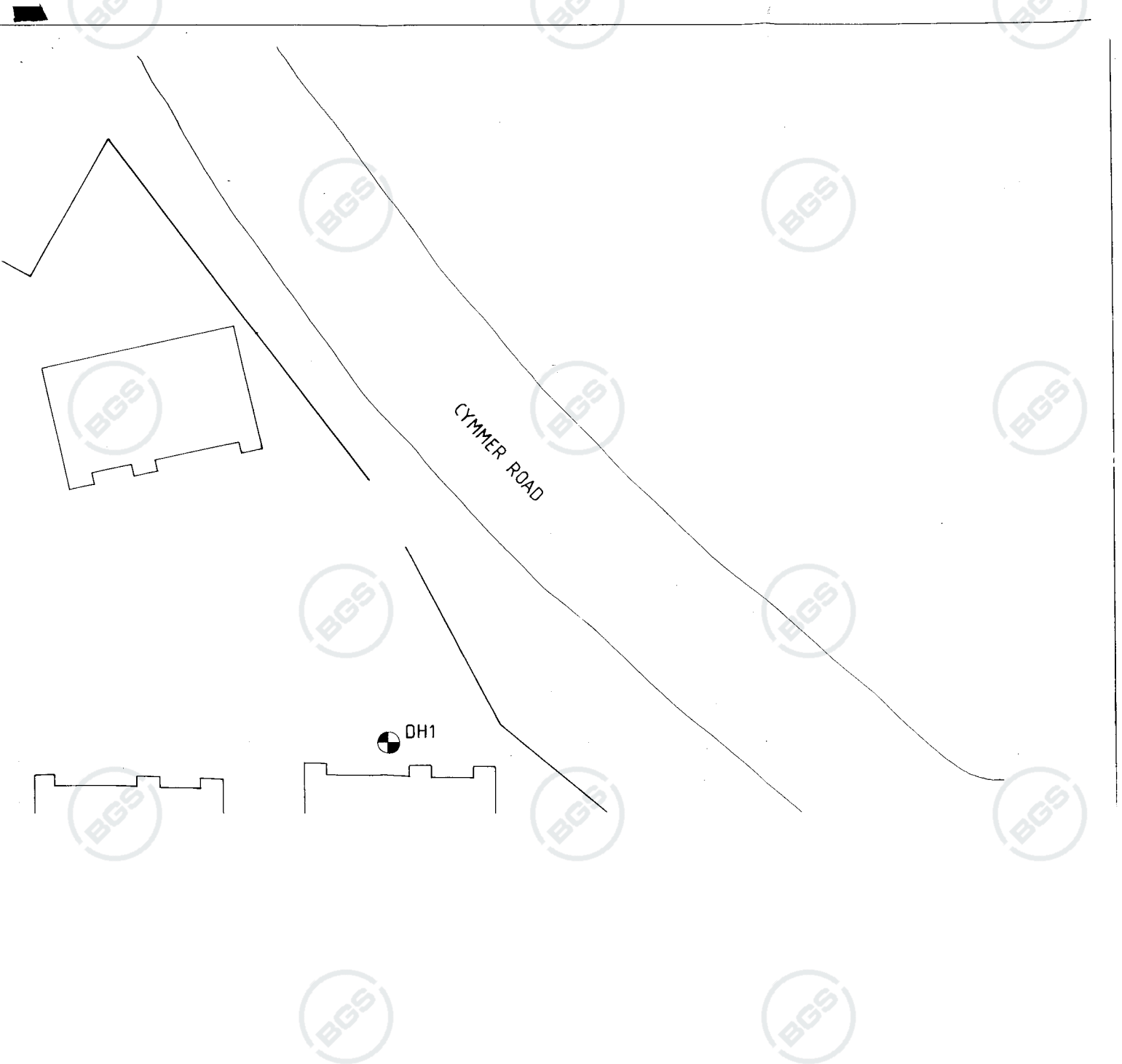
FIGURE 1

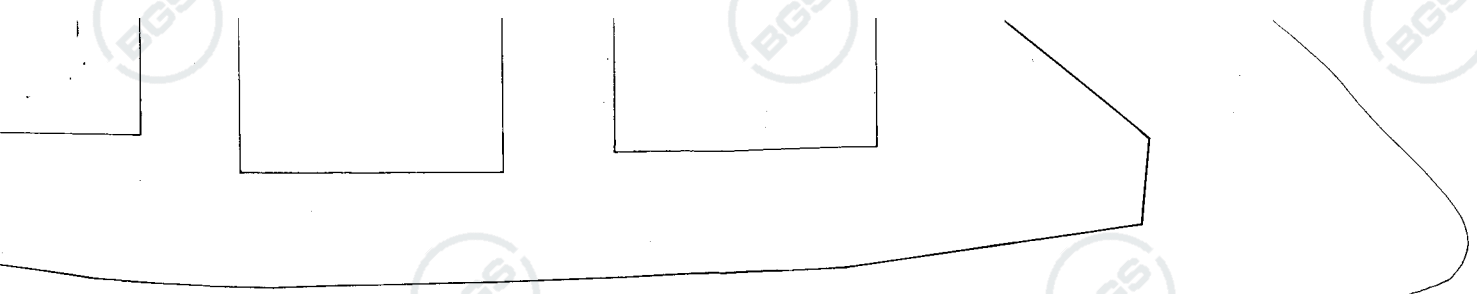


SS 89 SE 61-63.











LEGEND:-

 DH1 = LOCATION OF DRILL HOLE

REVISION	DATE	DESCR
Applied 		
CLIENT D. SMART AND A		
PROJECT OLD RAILWAY S CAERAU, MAES		
TITLE DRILL HOLE LC		
SCALE	DATE	DRA
1:200	NOV. 90	FI

30175/SR 207



Applied Geology		SITE OLD RAILWAY STATION, CAERAU, MAESTEG. SS 89 SE /62										HOLE No. 2	
PROJECT REFERENCE 30175		CONTRACTOR					CLIENT D. SMART & ASSOCIATES					SHEET 1 of 3	
DRILLING DATA							PROGRESS					CO-ORDINATES	
DEPTH	METHOD	BIT TYPE	HOLE DIAM.	CORE DIAM.	CASING		DATE	TIME	HOLE DEPTH	CASING DEPTH	DEPTH TO WATER	NR	
GL-9.00	GRYPHON 10 RIG USING ODEX	ROCK HAMMER	110 mm		DEPTH	SIZE	31.10.90	17.00	31.00	9.00			
9.00-31.00	OPEN HOLE ROTARY PERCUSSION AIR FLUSH	ROCK HAMMER	100 mm									ELEVATION 188.95	
RUN (FLUSH) %	TCR (ICR) %	SCR %	MAX MIN CL	ROD %	F.I.	DISCONTINUITIES	DEPTH	SAMPLES	DESCRIPTION & REMARKS			REDUCED LEVEL	LEGEND
							0.50		MADE GROUND				
									CLAY, GRAVEL, BOULDERS				
							8.10		MUDSTONE				
									(SEE NEXT SHEET)				
REMARKS							GROUNDWATER BEHAVIOUR			LOGGED BY			
1) NR - Not Recorded							DEPTH	BEHAVIOUR	SEALED	DRILLER			
2) Elevation related to D. Smart site datum							24.30	Variable due to Air Flush Drilling		PROJECT No.			
3) All descriptions from open hole drilling are based on drillers identification from cuttings returned with the drill flush.										30175			
4) All rock strata belong to the Middle Coal Measures													

AGL FLA3 9.88



Applied Geology		SITE OLD RAILWAY STATION, CAERAU, MAESTEG. <i>SS 89 SE / 62</i>										HOLE No. 2			
PROJECT REFERENCE 30175			CONTRACTOR					CLIENT D. SMART & ASSOCIATES							
-DRILLING DATA							PROGRESS					SHEET 2 of 3			
DEPTH		METHOD		BIT TYPE	HOLE DIAM.	CORE DIAM.	CASING DEPTH SIZE		DATE	TIME	HOLE DEPTH	CASING DEPTH	DEPTH TO WATER	CO-ORDINATES	
GL-9.00		GRYPHON 10 RIG USING ODEX		ROCK HAMMER	110 mm		9.00 115 mm		31.10.90	17.00	31.00	9.00		NR	
9.00-31.00		OPEN HOLE ROTARY PERCUSSION AIR FLUSH		ROCK	100 mm									ELEVATION 188.95	
RUN (FLUSH) %	TCR (ICR) %	SCR %	MAX MIN CL	ROD %	F.I.	DISCONTINUITIES		DEPTH	SAMPLES	DESCRIPTION & REMARKS				REDUCED LEVEL	LEGEND
										(SEE PREVIOUS SHEET)					
								14.70		COAL					
								15.38		FIRE CLAY					
								15.58		MUDSTONE					
								18.58		SANDSTONE					
								20.00		(SEE NEXT SHEET)					
REMARKS								GROUNDWATER BEHAVIOUR					LOGGED BY		
								DEPTH		BEHAVIOUR		SEALED	DRILLER		
													PROJECT No. 30175		

All dimensions are in metres unless otherwise stated.
AGL RL3 9 88



Applied Geology		SITE OLD RAILWAY STATION, CAERAU, MAESTEG. <i>SS 89 SE /62</i>										HOLE No. 2				
PROJECT REFERENCE 30175		CONTRACTOR				CLIENT D. SMART & ASSOCIATES						SHEET 3 of 3				
DRILLING DATA										PROGRESS			CO-ORDINATES			
DEPTH		METHOD		BIT TYPE	MOLE DIAM.	CORE DIAM.	CASING SIZE		DATE	TIME	MOLE DEPTH	CASING DEPTH	DEPTH TO WATER	NR		
GL-9.00		GRYPHON 10 RIG USING ODEX		ROCK HAMMER	110 mm		9.00 115 mm		31.10.90	17.00	31.00	9.00		ELEVATION 188.95		
9.00-31.00		OPEN HOLE ROTARY PERCUSSION AIR FLUSH		ROCK HAMMER	100 mm											
RUN (FLUSH) %	TCR (ICR) %	SCR %	MAX MIN CL	RQD %	F.I.	DISCONTINUITIES			DEPTH	SAMPLES	DESCRIPTION & REMARKS				REDUCED LEVEL	LEGEND
											(SEE PREVIOUS SHEET)					
									24.38		SANDSTONE					
									25.00		SILTSTONE				x x x	x x x
											SANDSTONE					
									30.00		END OF HOLE					
REMARKS										GROUNDWATER BEHAVIOUR					LOGGED BY	
										DEPTH		BEHAVIOUR			SEALED	
														PROJECT No. 30175		

All dimensions are in metres unless otherwise stated.
AGL RL3 9 99

Applied Geology

Geologists and Geotechnical Engineers

Data Sheet

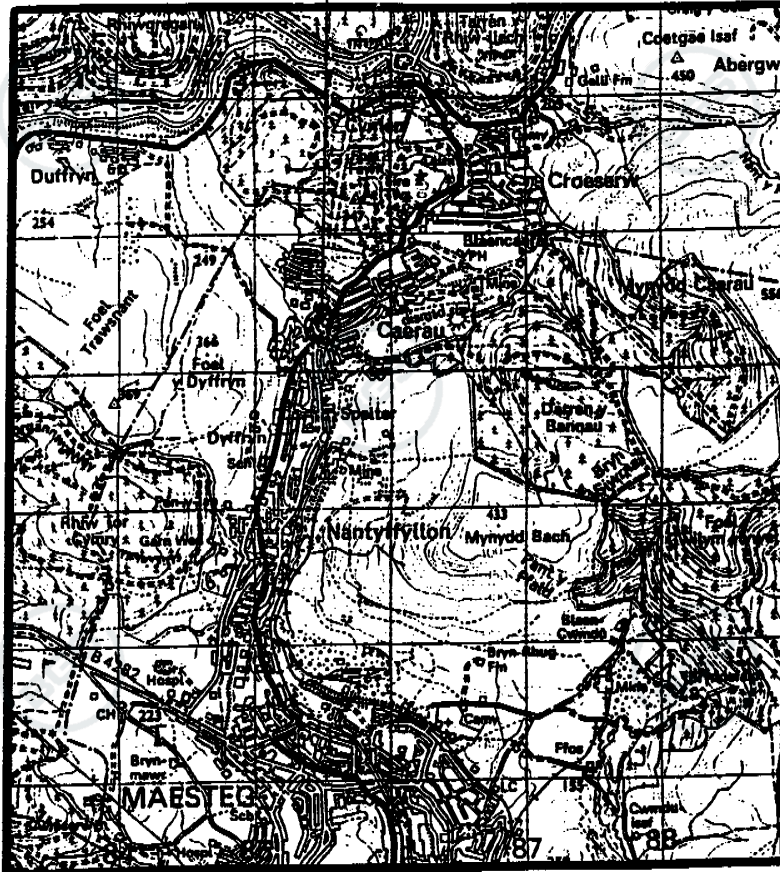
Project OLD RAILWAY STATION, CAERAU, MAESTEG

SS89SE, BH61-63

SITE LOCATION PLAN

SN 854943

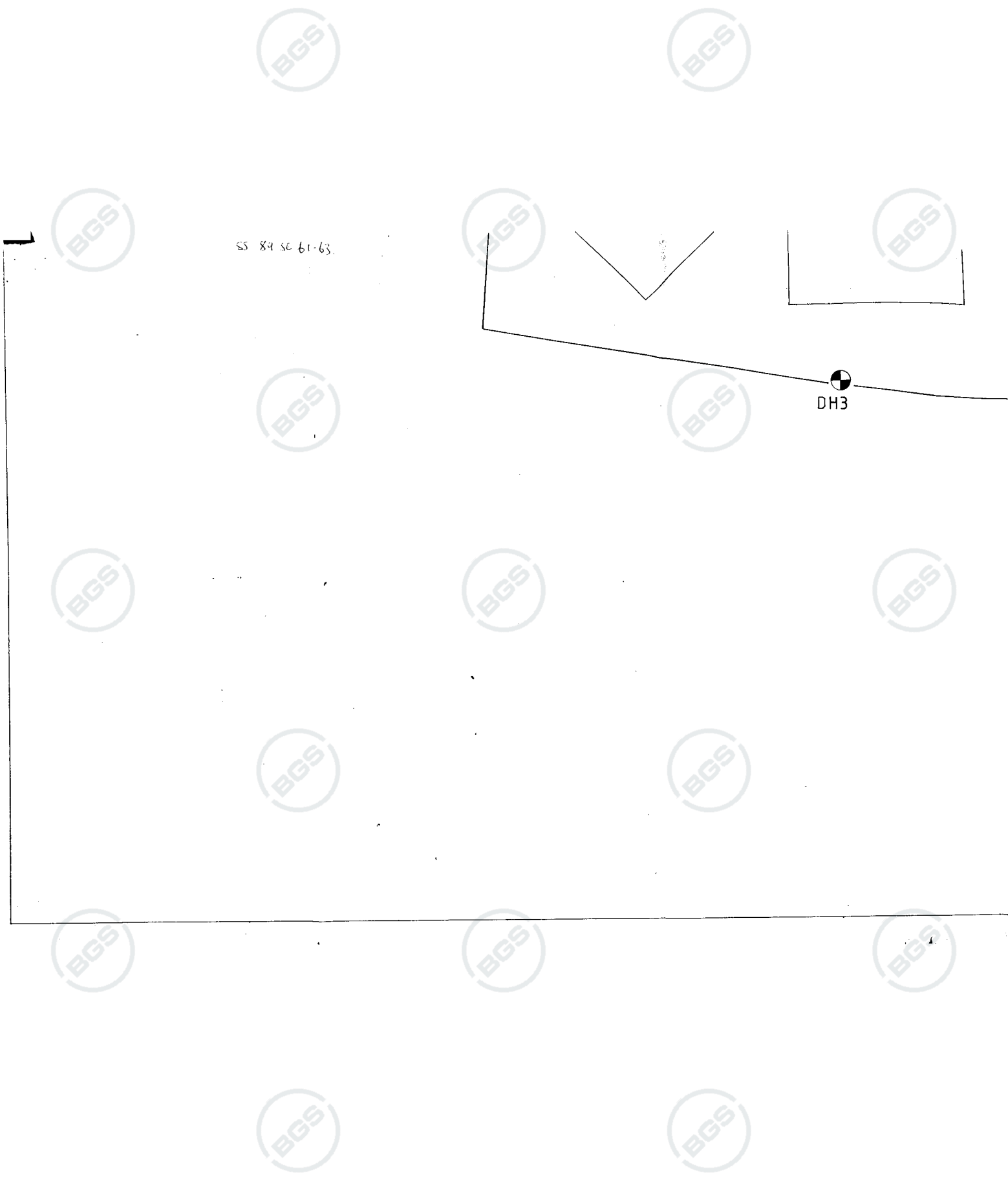
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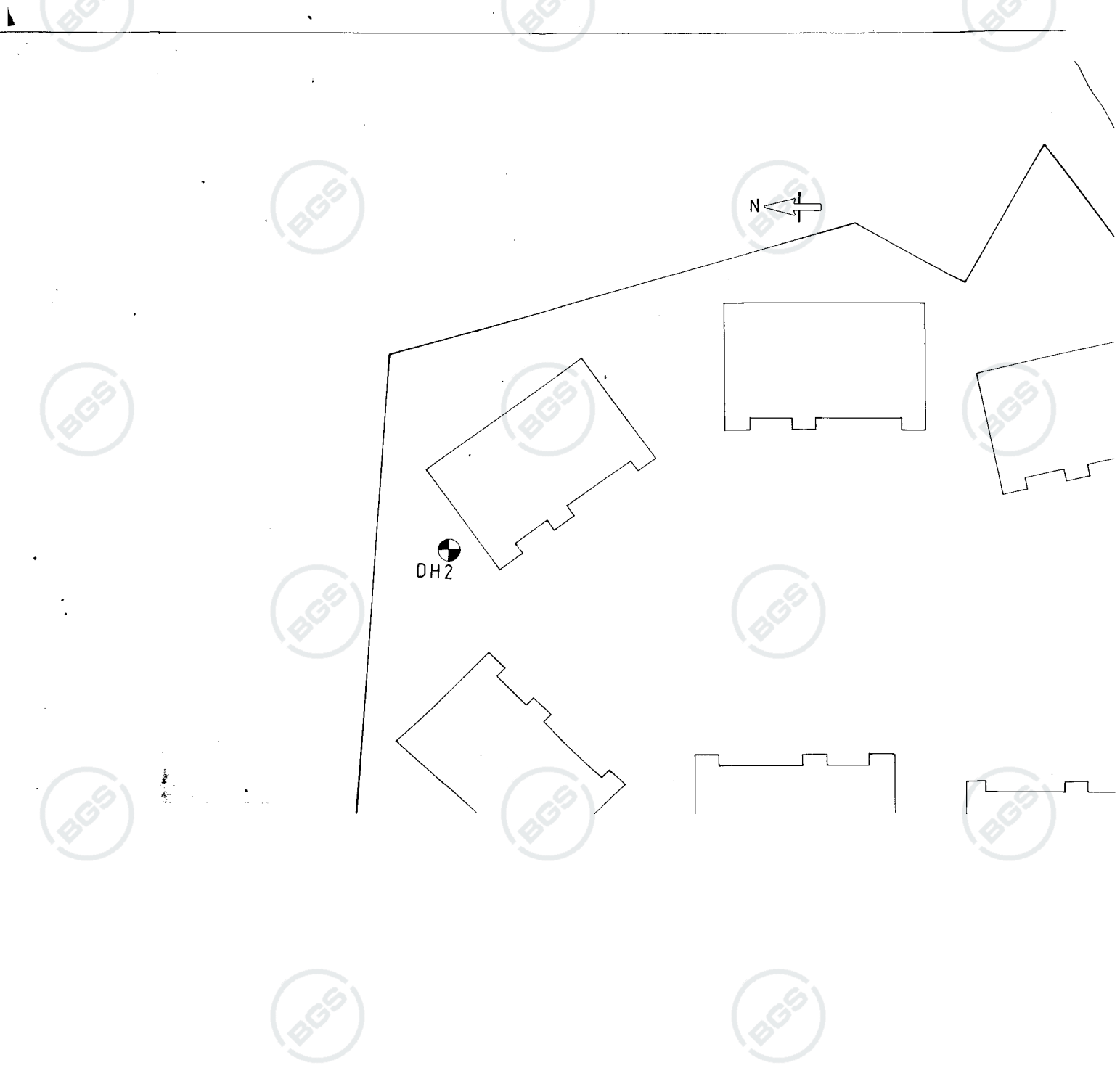


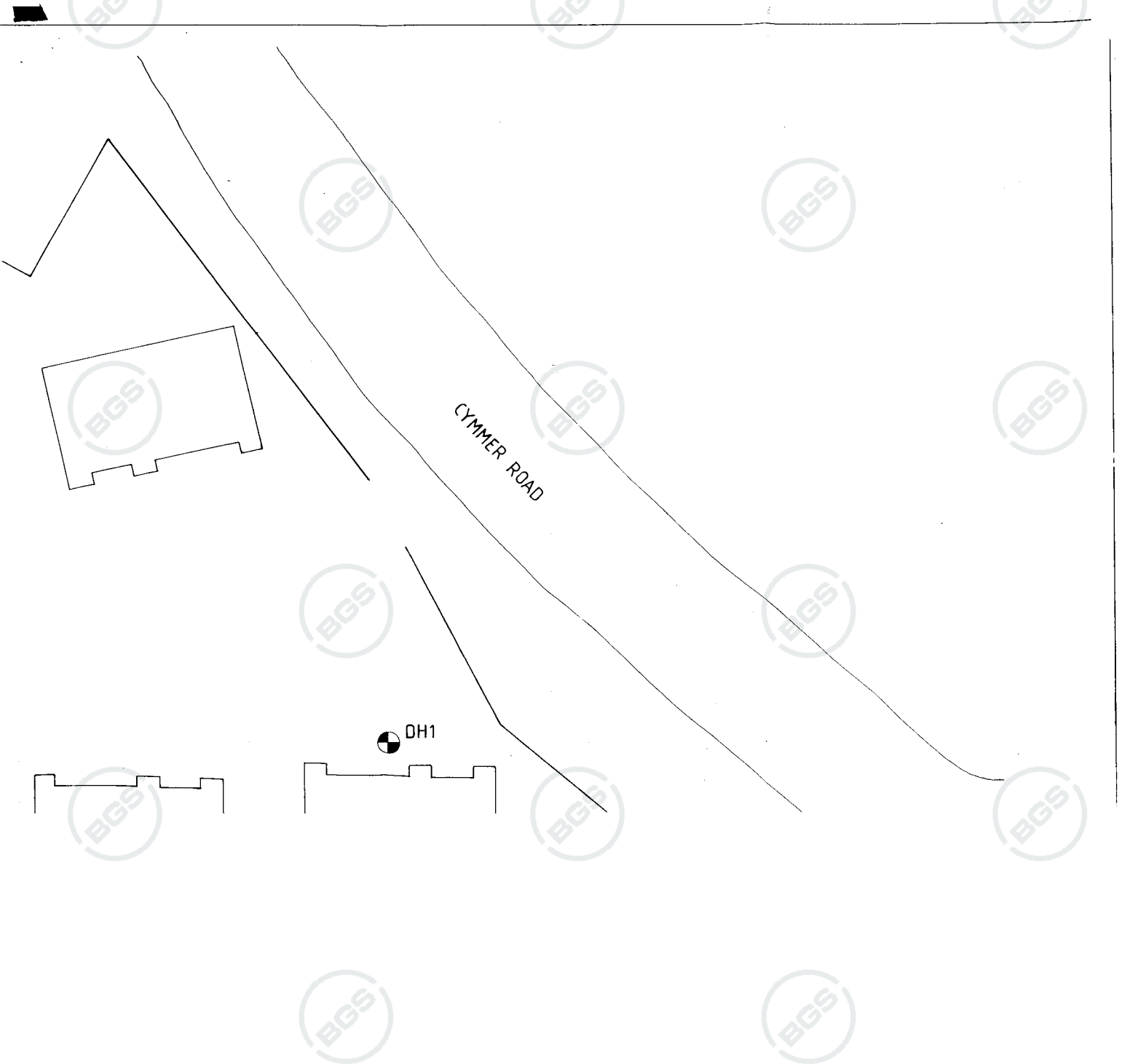
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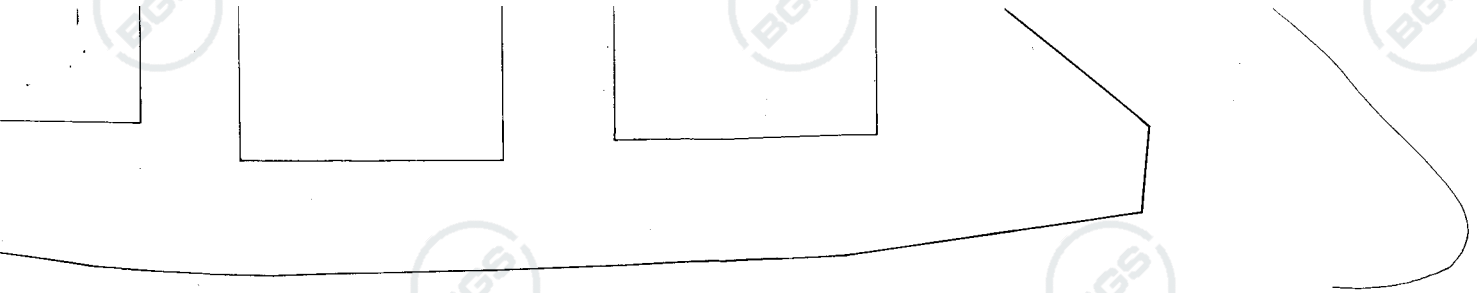
This Plan is based upon the Ordnance Survey Map with the sanction of the Controller of H.M. Stationery Office. Crown Copyright Reserved.

FIGURE 1











LEGEND:-

 DH1 = LOCATION OF DRILL HOLE

REVISION	DATE	DESCR
Applied 		
CLIENT		
D. SMART AND A		
PROJECT		
OLD RAILWAY S CAERAU, MAES		
TITLE		
DRILL HOLE LC		
SCALE	DATE	DRA
1:200	NOV. 90	FI

30175/SR 207



Applied Geology		SITE OLD RAILWAY STATION, CAERAU, MAESTEG. <i>SS 89 SE / 63</i>										HOLE No. 3			
PROJECT REFERENCE 30175				CONTRACTOR				CLIENT D. SMART & ASSOCIATES				SHEET 2 of 2			
DRILLING DATA						PROGRESS						CO-ORDINATES			
DEPTH		METHOD		BIT TYPE	HOLE DIAM.	CORE DIAM.	CASING		DATE	TIME	HOLE DEPTH	CASING DEPTH	DEPTH TO WATER	NR	
GL-7.00		GRYPHEN 10 RIG USING ODEX		ROCK HAMMER	110 mm		7.00 115 mm		1.11.90	13.00	15.00	7.00		ELEVATION 188.50	
7.00-15.00		OPEN HOLE ROTARY PERCUSSION AIR FLUSH		ROCK HAMMER	100 mm										
RUN (FLUSH) %	TCR (ICR) %	SCR %	MAX MIN CL	ROD %	F.I.	DISCONTINUITIES	DEPTH	SAMPLES	DESCRIPTION & REMARKS					REDUCED LEVEL	LEGEND
							11.10		(SEE PREVIOUS SHEET)						
							11.60		COAL						
							12.75		SOFT VOID - OLD COAL WORKINGS (LOSS OF AIR FLUSH RETURN)						
							15.00		MUDSTONE						
									END OF HOLE						
REMARKS						GROUNDWATER BEHAVIOUR						LOGGED BY DRILLER			
						DEPTH		BEHAVIOUR		SEALED		PROJECT No. 30175			

All dimensions are in metres unless otherwise stated.

AGL RLA3 9.89



SS 89 SE 65

Norwest Holst Soil Engineering Ltd.

Borehole No. **1**

Contract No. F5334
Location. Margam Street
Client. Ogwr Borough Council
Method of Boring. Percussion
Diameter of Borehole. 150mm

BOREHOLE LOG

8553 9353
Sheet 1 of 1
Chainage
Ground Level m.A.O.D.
Date 3/8/82

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/R.Q.D.%	Daily Progress
MADE GROUND: Ash, brick and masonry rubble.		1.30			0.50	15	
Medium dense brown slightly clayey sandy GRAVEL with occasional clay partings.		3.20			1.50 2.50	23 19	
Dense coarse GRAVEL and COBBLES with brown clayey matrix.		5.50			3.20 3.50 4.50	No recovery 58 80 for 300mm	

Type of Sample	
S.P.T.	■ Undisturbed
C.P.T.	× Vane
Jar	△ Water
Bulk	● Piezometer

Remarks (Observations of Ground Water etc.)

Borehole dry.



SS 89 SE 66

Norwest Holst Soil Engineering Ltd.

Borehole No. **2**

BOREHOLE LOG

Contract No. E5331
Location Margam Street
Client Ogwr Borough Council
Method of Boring Percussion
Diameter of Borehole 150mm

Sheet 1 of 1
Chainage
Ground Level m.A.O.D.
Date 3/8/82

Description of Strata	Legend	Depth Below G.L. (m)	O.D. Level (m)	Casing Depth at Sampling	Sampling and Coring	"N"/R.Q.D.%	Daily Progress
MADE GROUND: Ash and brick rubble.		1.30			0.50	12	
Medium dense brown clayey sandy GRAVEL with pockets of sandy clay.		3.50			1.50 2.50	14 23	
Dense coarse GRAVEL and COBBLES with brown clayey matrix.		6.50			3.50 4.50 6.00	41 56 104 for 300mm	

<p>Type of Sample</p> <p>S.P.T. <input type="checkbox"/> Undisturbed</p> <p>C.P.T. <input type="checkbox"/> Vane</p> <p>Jar <input type="checkbox"/> Water</p> <p>Bulk <input type="checkbox"/> Piezometer</p>	<p>Remarks (Observations of Ground Water etc.)</p> <p>Borehole dry.</p>
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