



ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Batter GS-8604194 391283, 390985	y_K0150
Map Name:	County Series	Ν
Map date:	1911	
Scale:	1:10,560	₩ Ţ ŀ
Printed at:	1:10,560	S

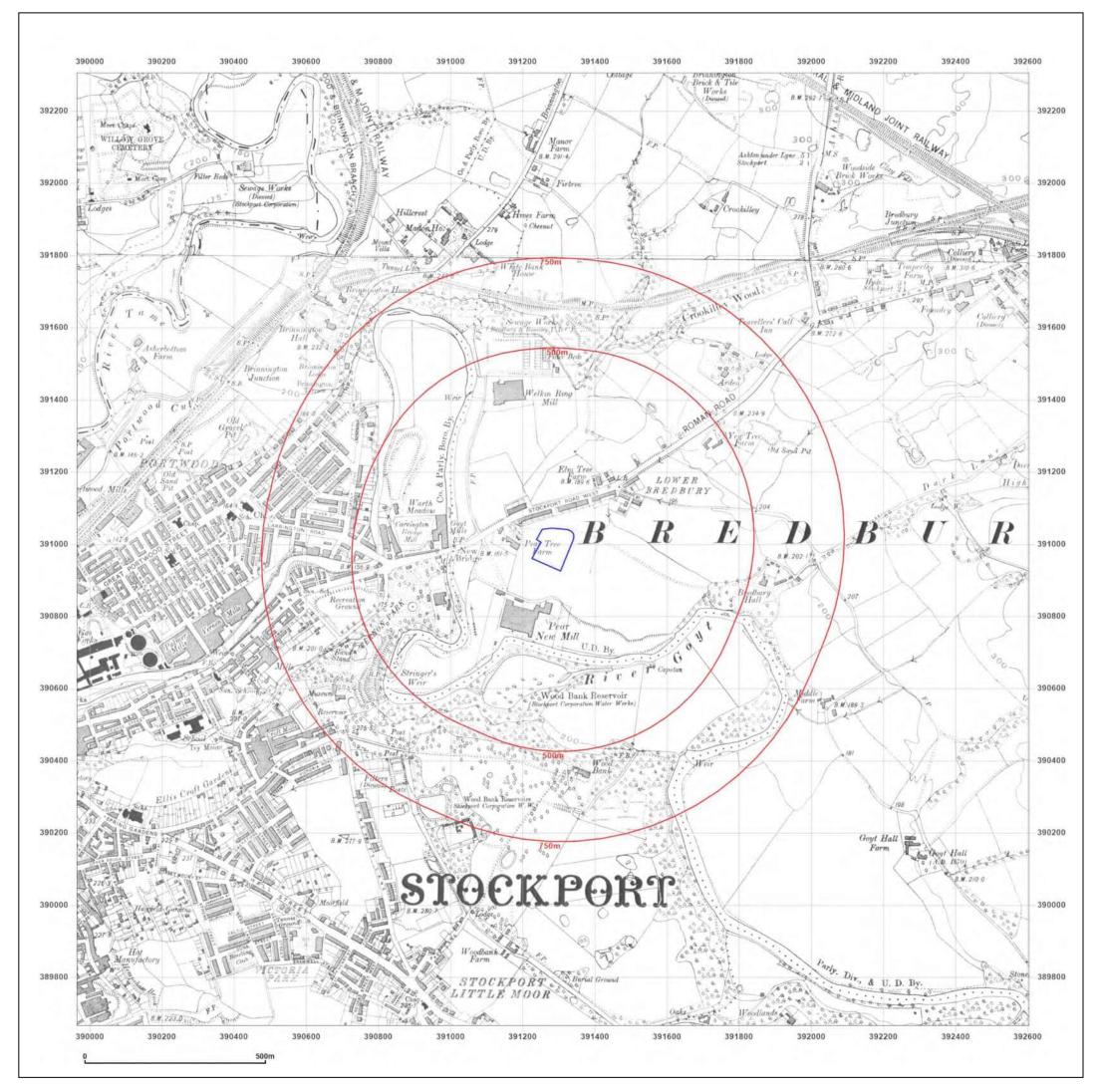
Surveyed 1872 Revised 1911 Edition N/A Copyright N/A Levelled N/A



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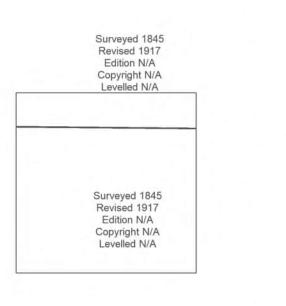
Production date: 17 March 2022





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Batter GS-8604194 391283, 390985	y_K0150
Map Name:	County Series	Ν
Map date:	1917	
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Printed at:	1:10,560	S



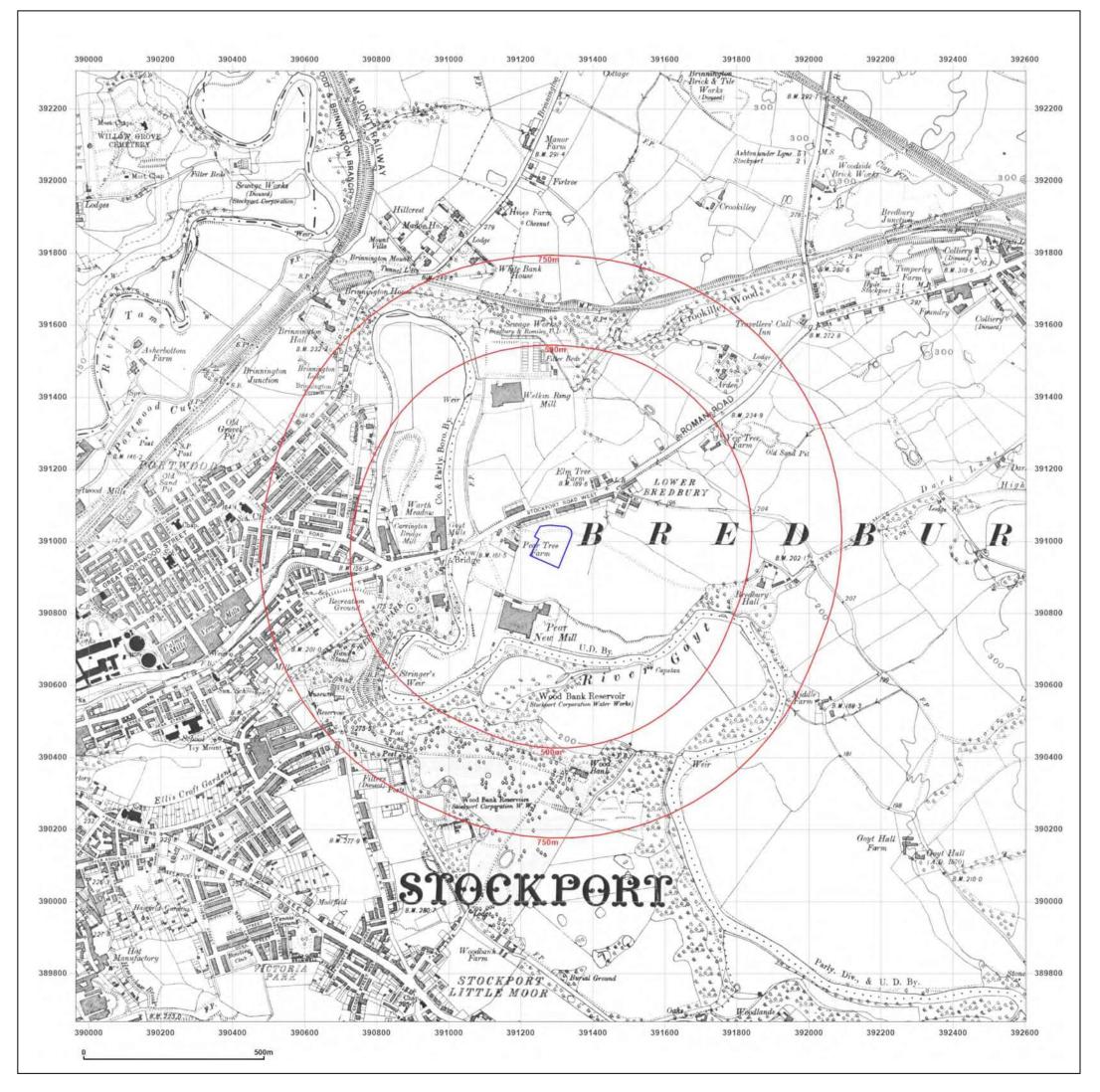


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Production date: 17 March 2022

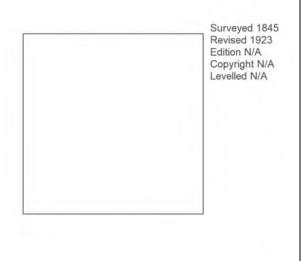
Map legend available at: www.groundsure_legend.pdf





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Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Battery GS-8604194 391283, 390985	y_K0150
Map Name:	County Series	Ν
Map date:	1923	
Scale:	1:10,560	Ψ Τ Έ
Printed at:	1:10,560	S

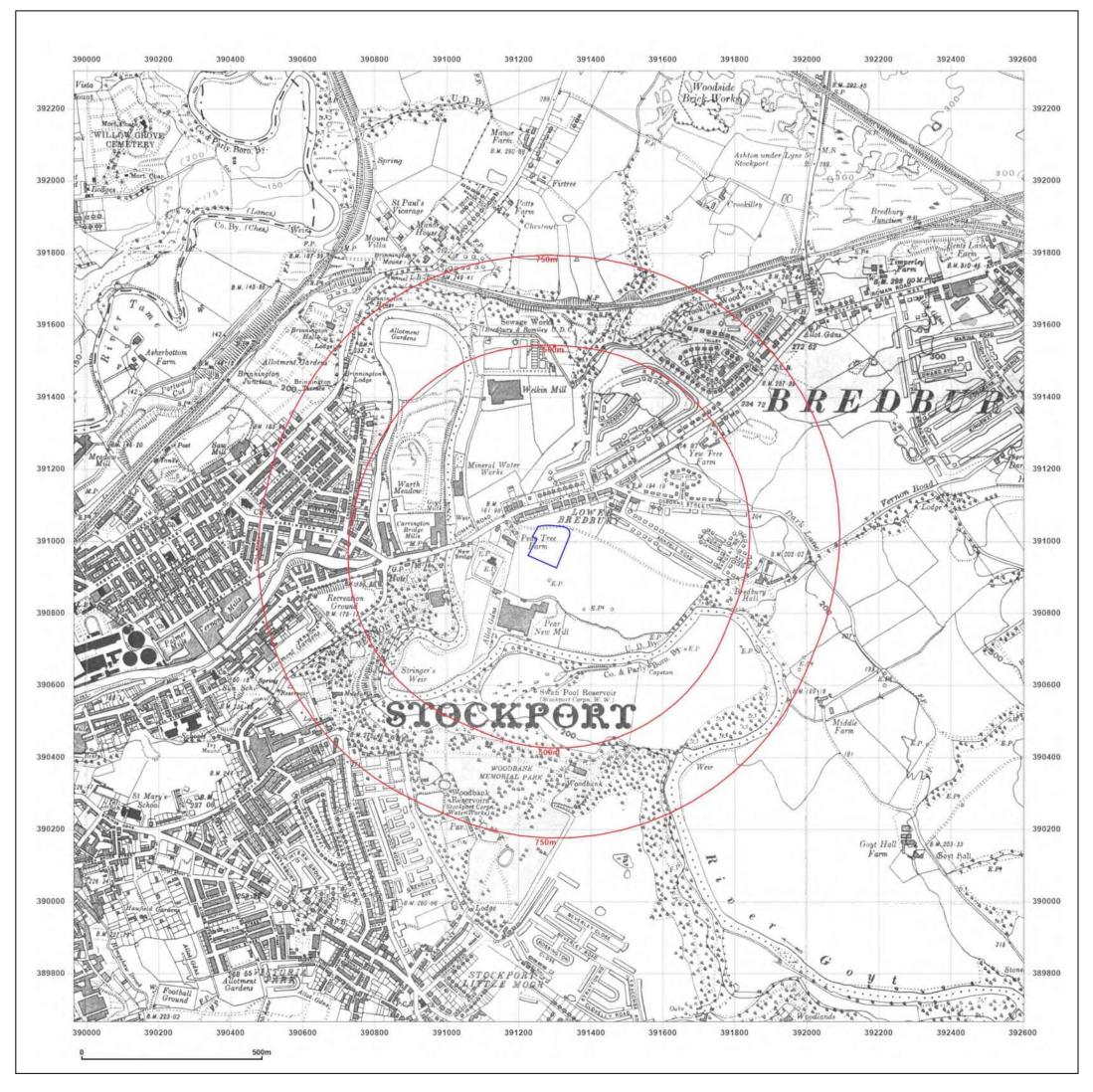




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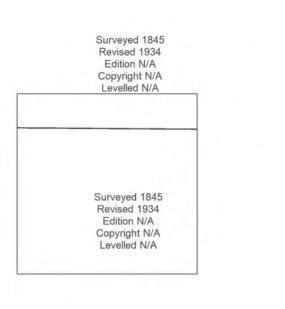
Production date: 17 March 2022





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Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Battery GS-8604194 391283, 390985	y_K0150
Map Name:	County Series	N
Map date:	1934	
Scale:	1:10,560	
Printed at:	1:10,560	S



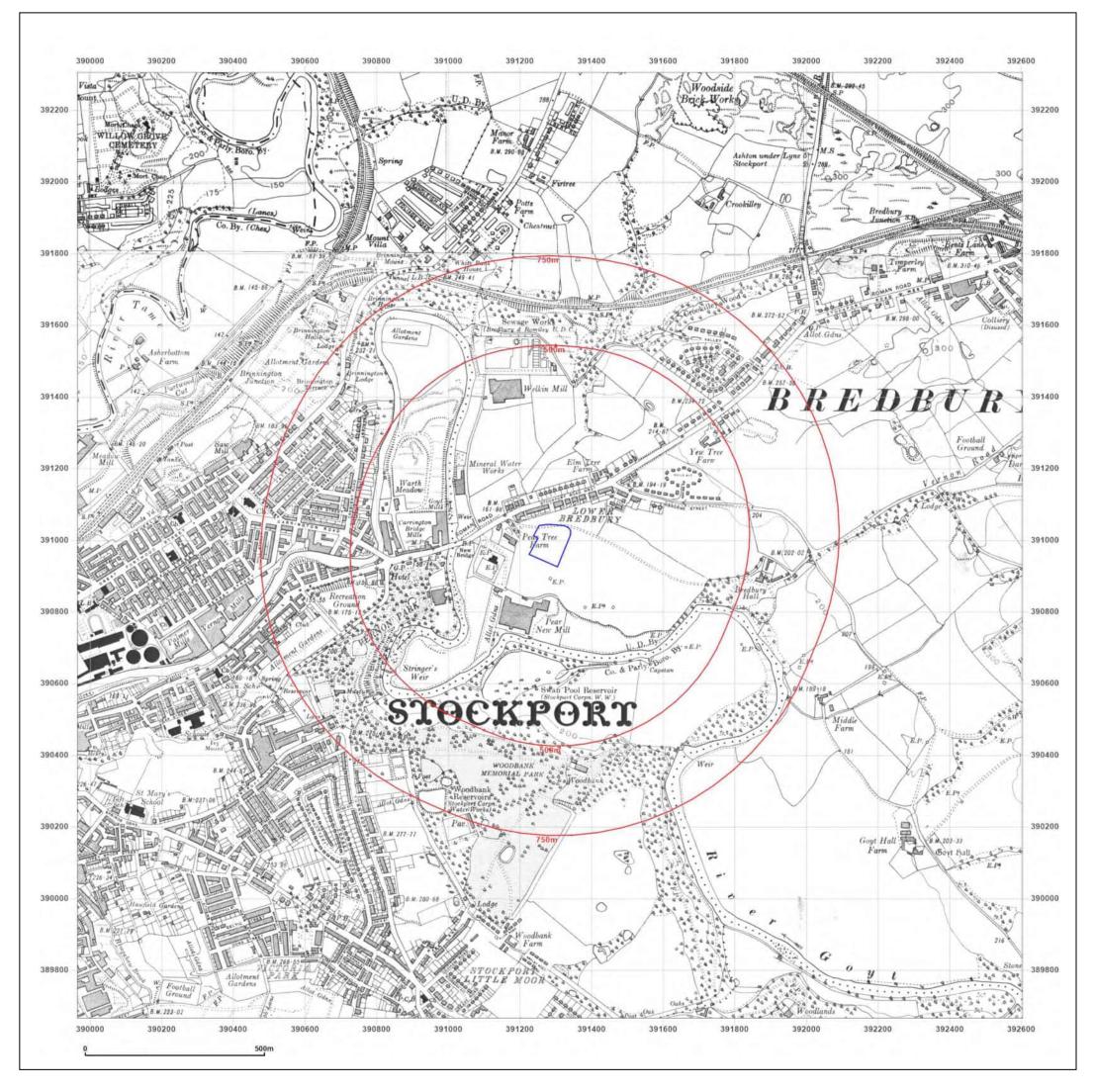


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Production date: 17 March 2022

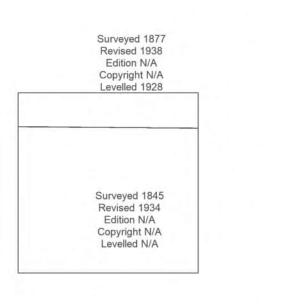
Map legend available at: www.groundsure_legend.pdf





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Battery GS-8604194 391283, 390985	y_K0150
Map Name:	County Series	Ν
Map date:	1934-1938	
Scale:	1:10,560	
Printed at:	1:10,560	S

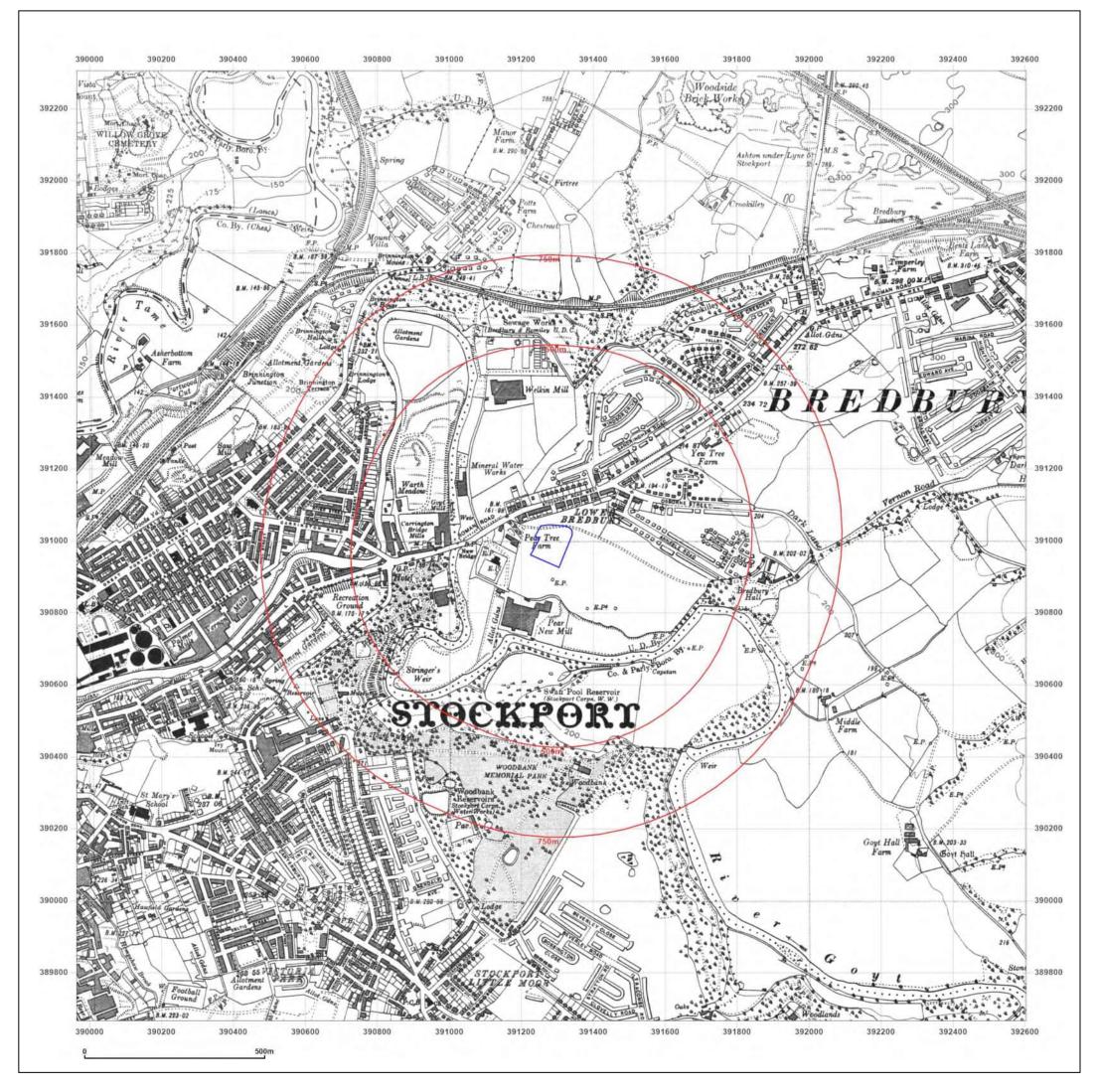




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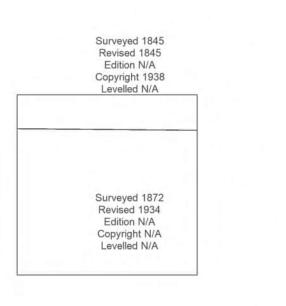
Production date: 17 March 2022





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Batter GS-8604194 391283, 390985	y_K0150
Map Name:	County Series	Ν
Map date:	1938	
Scale:	1:10,560	ΨΨ Ľ
Printed at:	1:10,560	S

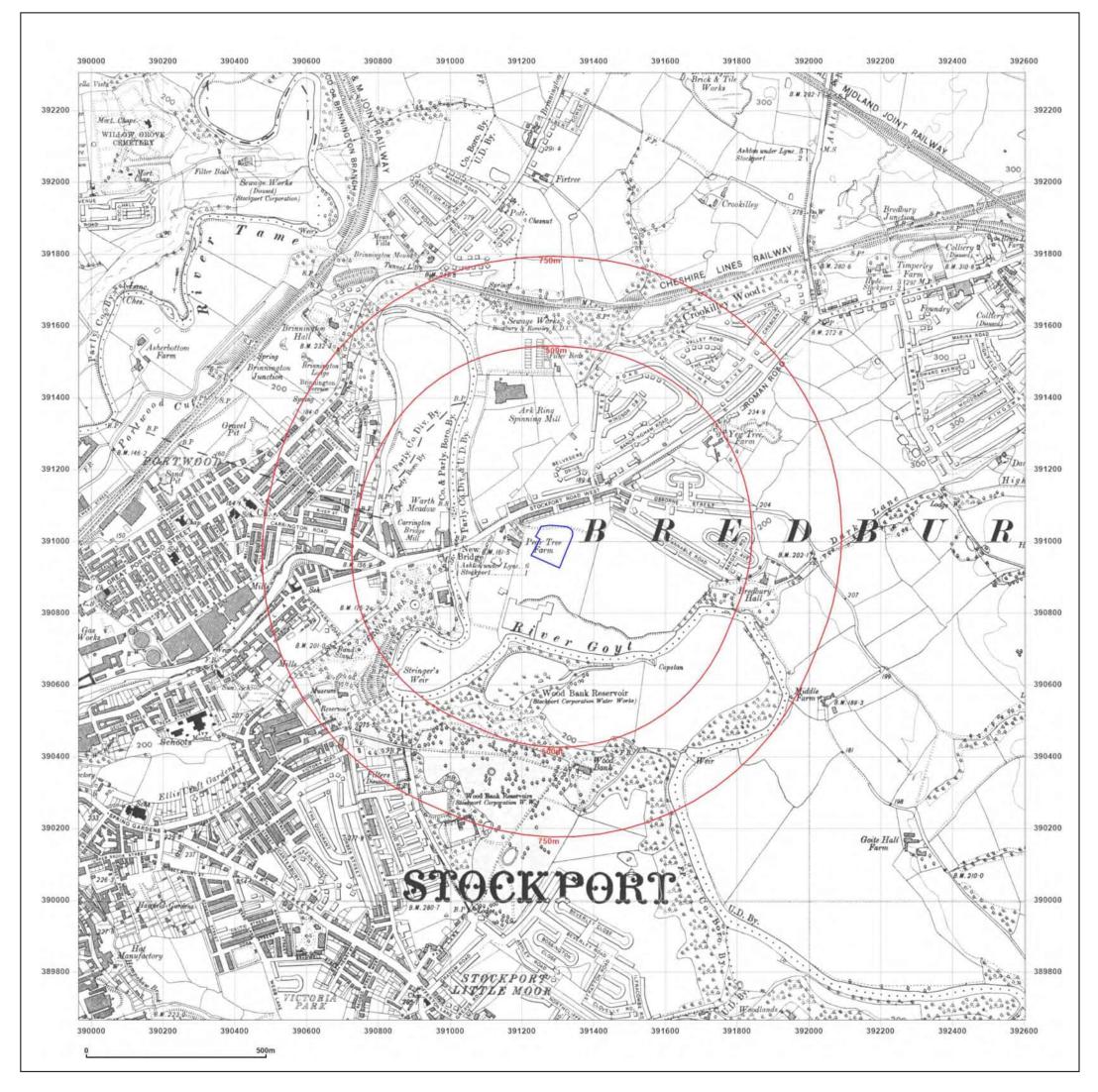




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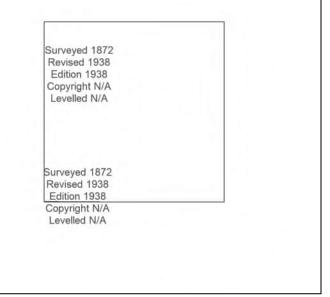
Production date: 17 March 2022





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Battery GS-8604194 391283, 390985	/_K0150
Map Name:	County Series	N
Map date:	1938	
Scale:	1:10,560	ΨΤ
Printed at:	1:10,560	S

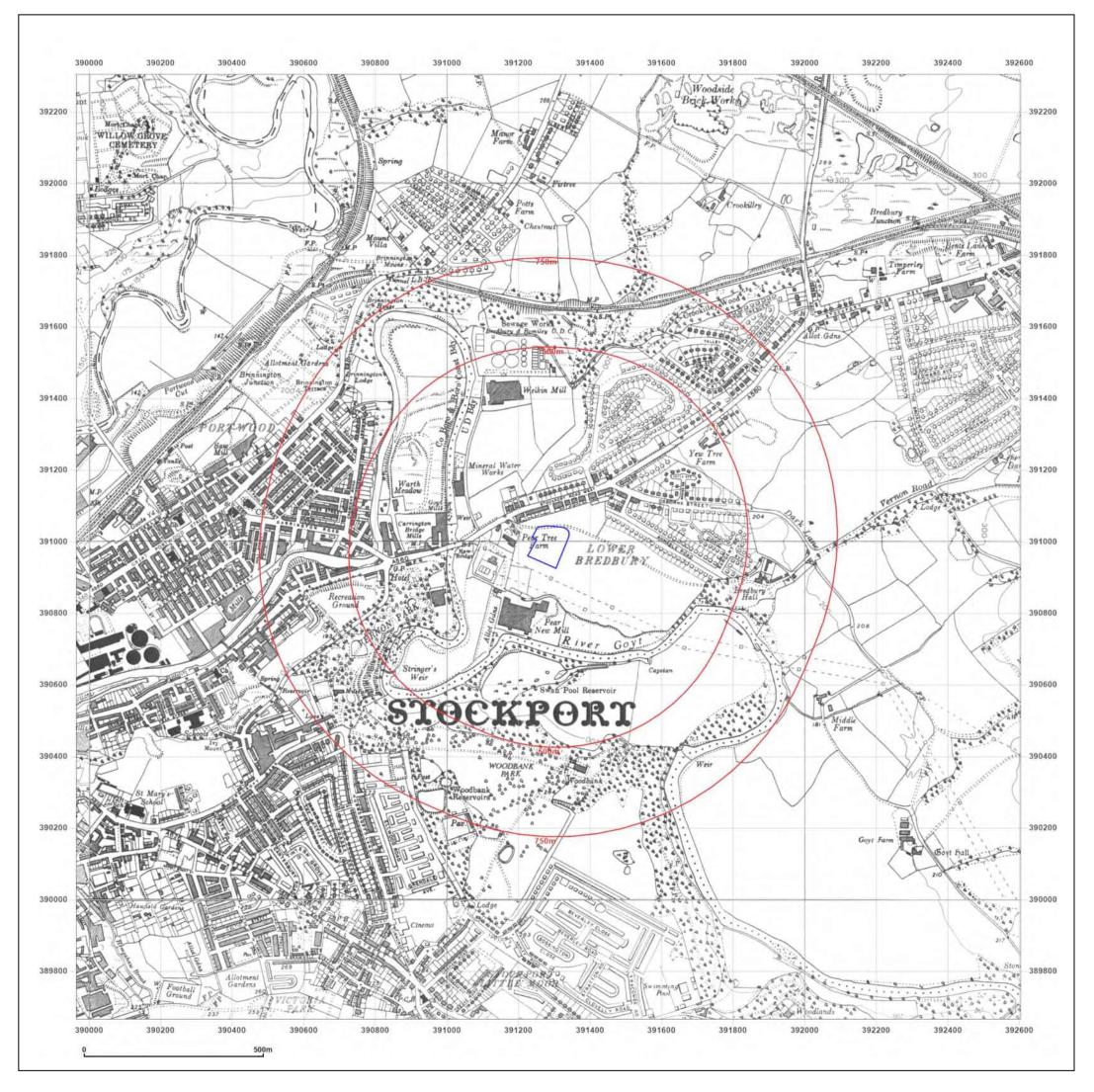




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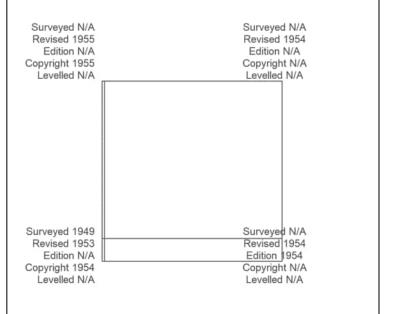
Production date: 17 March 2022





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Batter GS-8604194 391283, 390985	y_K0150
Map Name:	Provisional	Ν
Map date:	1954-1955	W F
Scale:	1:10,560	₩ ¶ ⊧
Printed at:	1:10,560	S

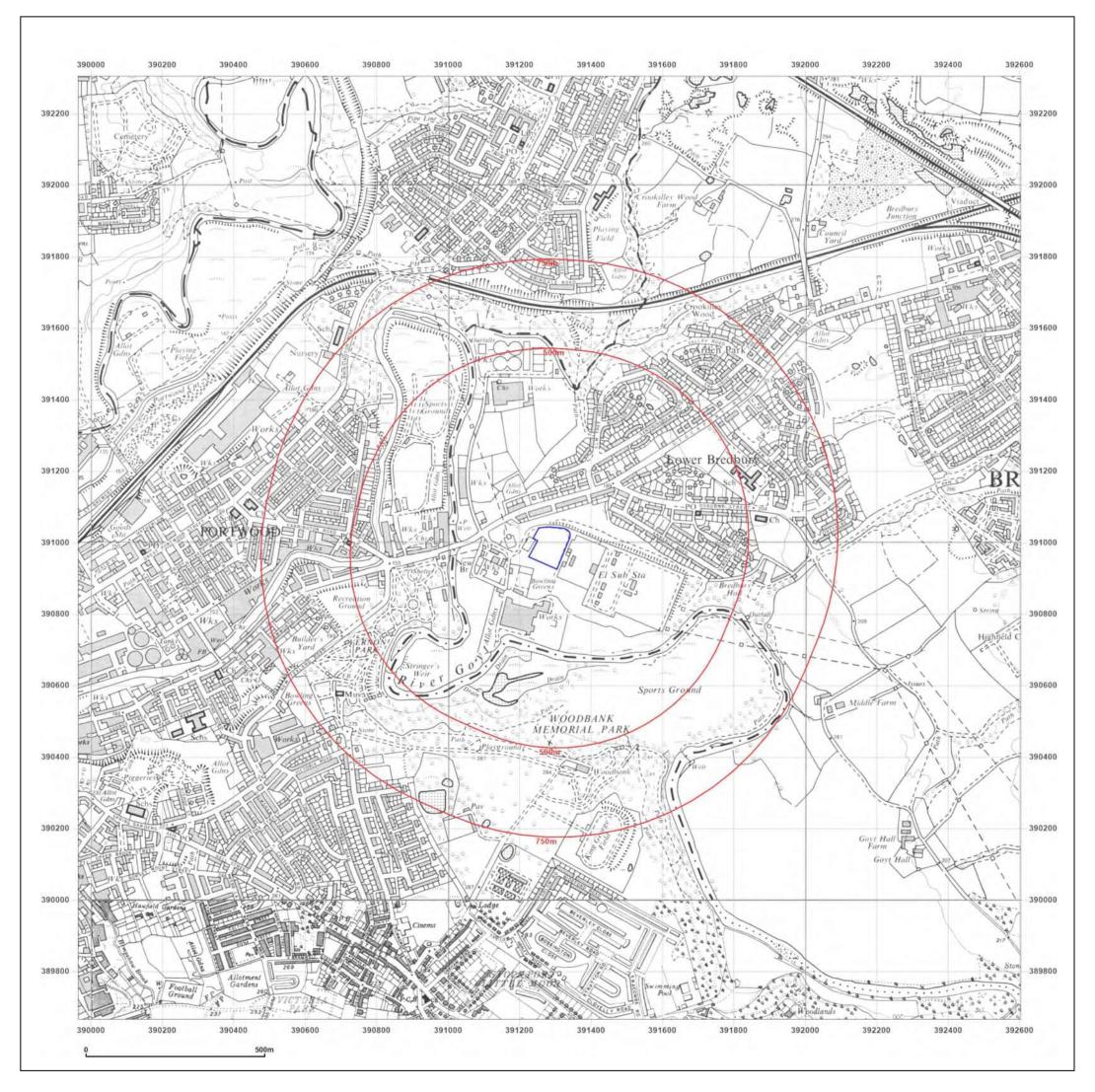




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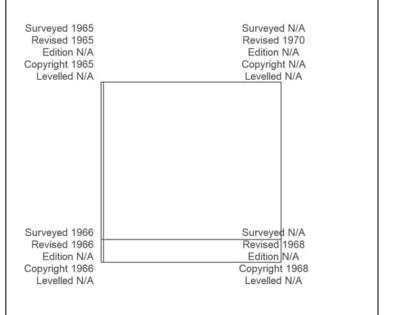
Production date: 17 March 2022





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Battery GS-8604194 391283, 390985	_K0150
Map Name:	Provisional	Ν
Map date:	1965-1970	
Scale:	1:10,560	T L
Printed at:	1:10,560	S

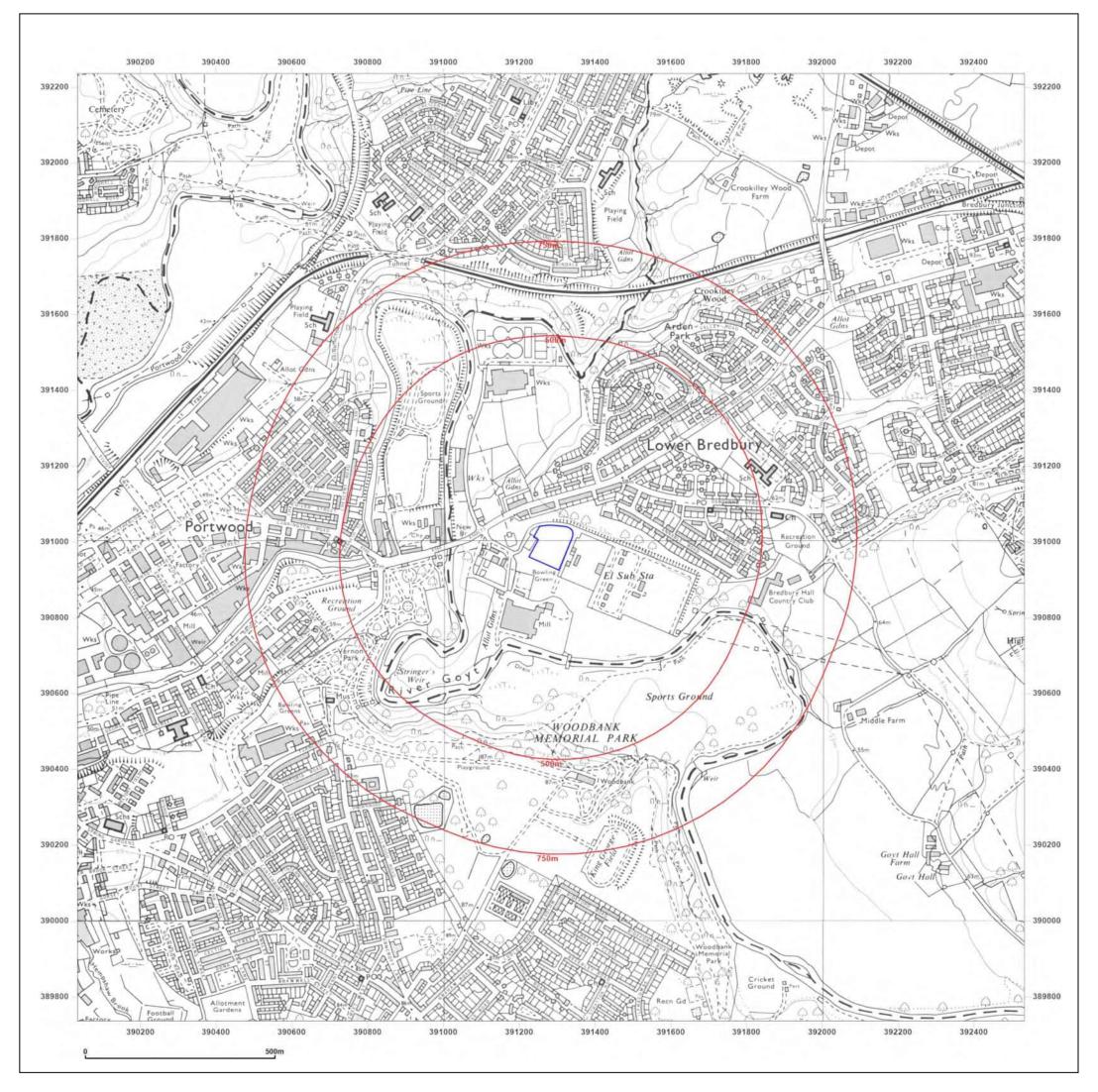




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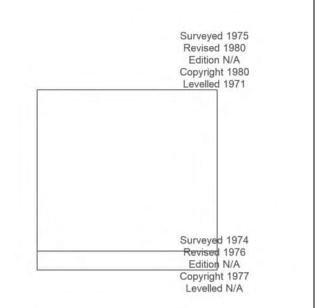
Production date: 17 March 2022





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Battery GS-8604194 391283, 390985	/_K0150
Map Name:	National Grid	Ν
Map date:	1977-1980	W F
Scale:	1:10,000	[™] T [□]
Printed at:	1:10,000	S

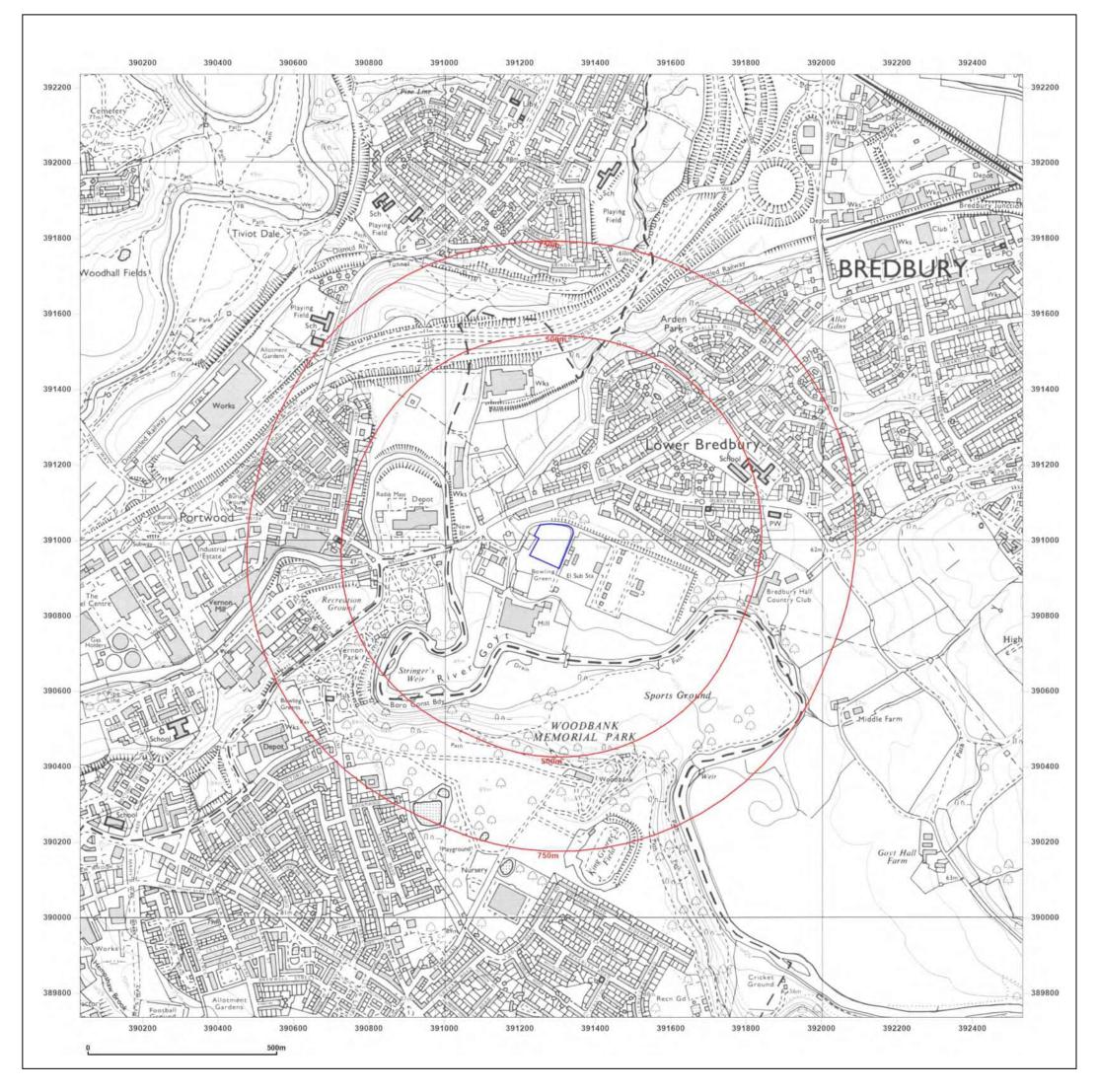




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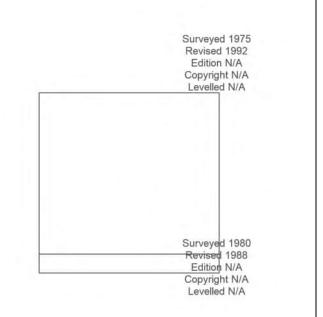
Production date: 17 March 2022





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Battery GS-8604194 391283, 390985	/_K0150
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Map date:	1988-1992	
Scale:	1:10,000	
Printed at:	1:10,000	S

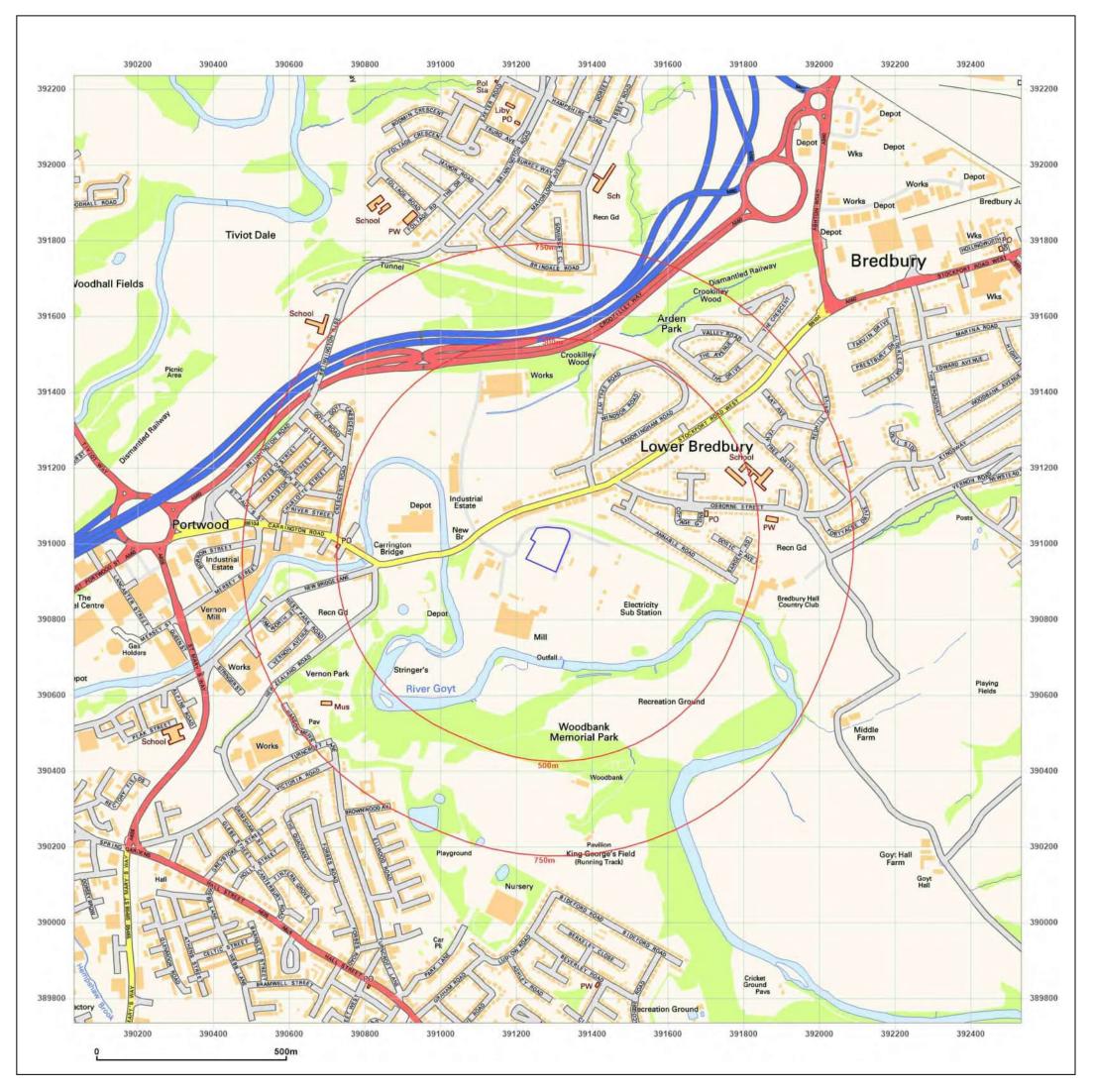




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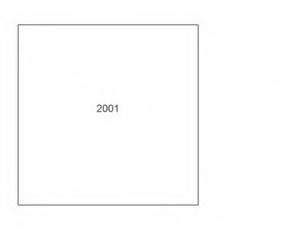
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Site Details:

ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Batter GS-8604194 391283, 390985	y_K0150
Map Name:	National Grid	Ν
Map date:	2001	
Scale:	1:10,000	₩ Ţ ŀ
Printed at:	1:10,000	S



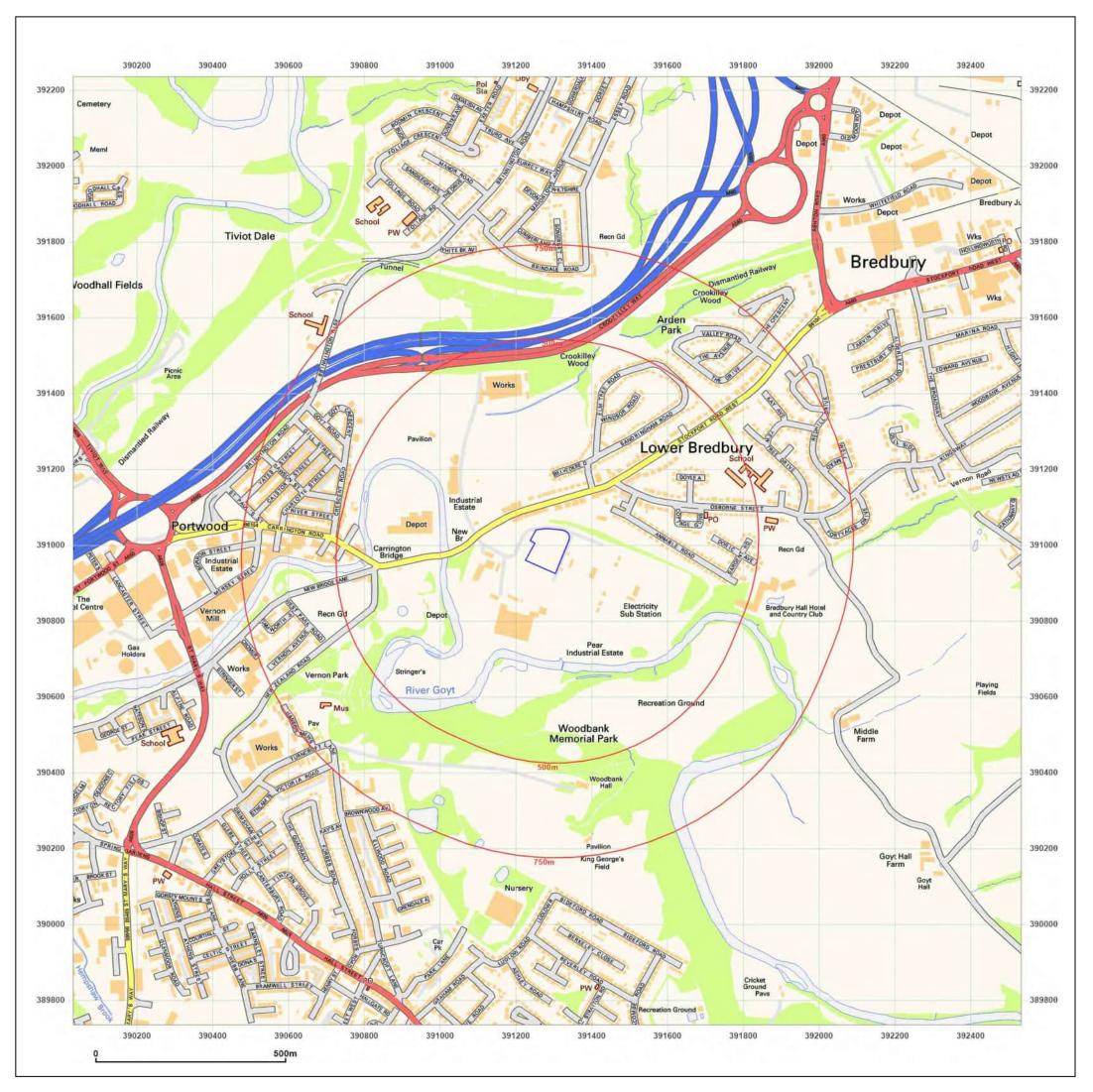


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Production date: 17 March 2022

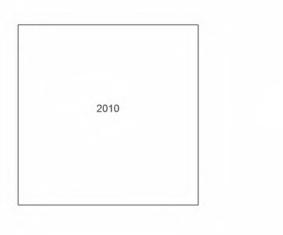
Map legend available at: www.groundsure_legend.pdf





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Batter GS-8604194 391283, 390985	y_K0150
Map Name:	National Grid	Ν
Map date:	2010	W F
Scale:	1:10,000	ΨΨ Ľ
Printed at:	1:10,000	S

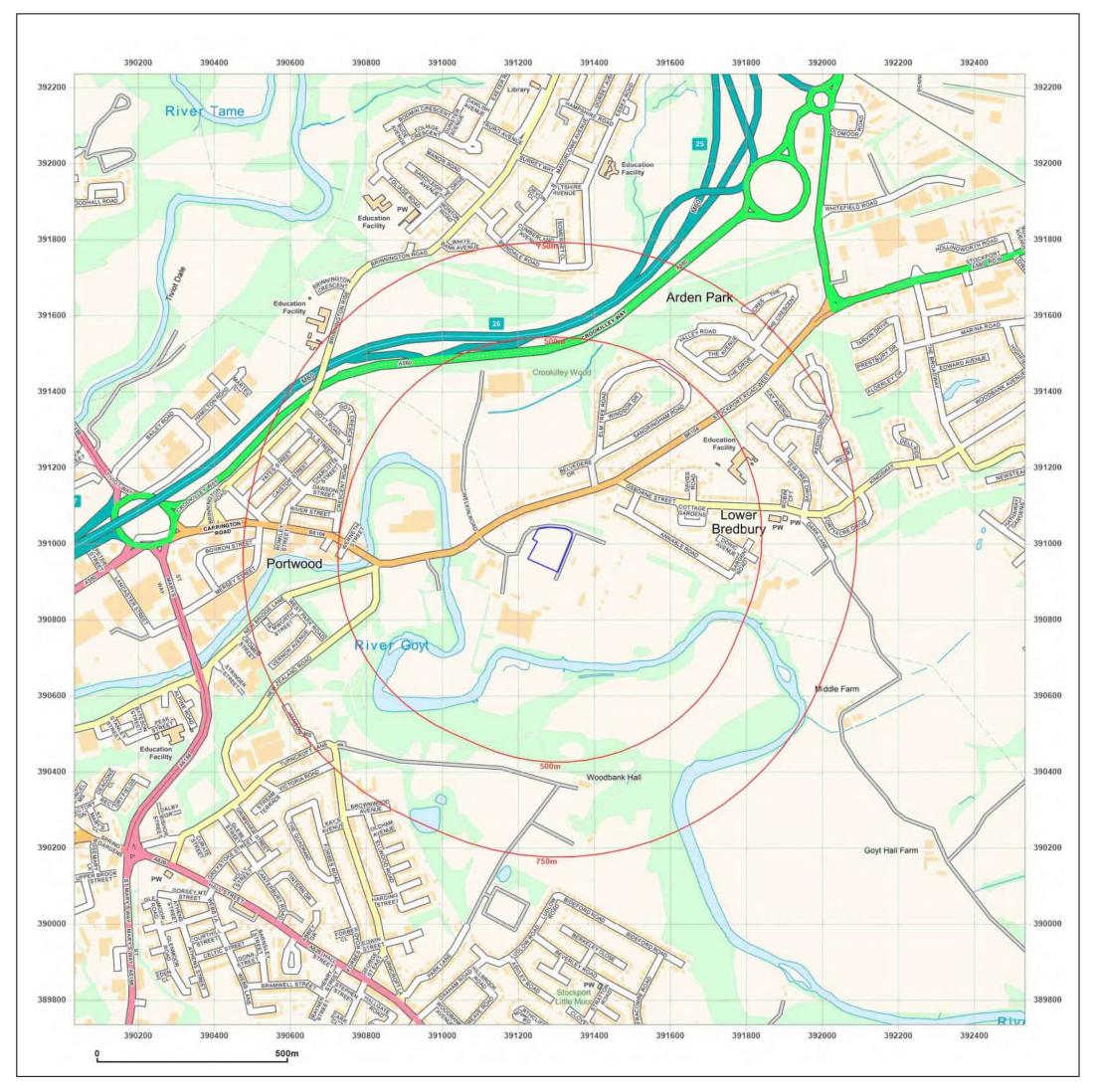




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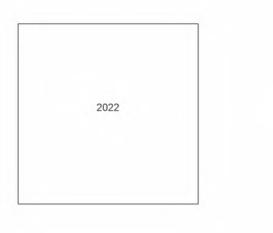
Production date: 17 March 2022





ELECTRICITY SUB STATION 73M FROM 573 STOCKPORT ROAD WEST 18M FROM UNNAMED ROAD, STOCKPORT ROAD WEST, BREDBURY, STOCKPORT, SK6 2BS

Client Ref: Report Ref: Grid Ref:	Bredbury_Substation_Batter GS-8604194 391283, 390985	y_K0150
Map Name:	National Grid	Ν
Map date:	2022	
Scale:	1:10,000	
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Appendix E – Pre-commencement Photographs



Project name: Bredbury Substation Battery Area Client: Pivot Power Project No: K0150 Easting (OS mE) XXXXXXXXXX Ground Level (mAOD) XX.XX Northing (OS mN) XXXXXX.XX Start Date 21/04/2022 End Date 22/04/2022

Sheet 1 of 11





Park

Unless otherwise stated: Depth (m), Diameter (mm),Time (hhmm), Thickness (m), Level (mOD). Equipment Used

Camera Phone



Project name: Bredbury Substation Battery Area Client: Pivot Power Project No: **K0150** Easting (OS mE) **XXXXXX.XX** Ground Level (mAOD) XX.XX Northing (OS mN) XXXXXX.XX Start Date 21/04/2022 End Date 22/04/2022

Sheet 2 of 11





s Park

Unless otherwise stated: Depth (m), Diameter (mm),Time (hhmm), Thickness (m), Level (mOD).



Project name: Bredbury Substation Battery Area Client: Pivot Power Project No: K0150 Easting (OS mE) XXXXXX.XX Ground Level (mAOD) XX.XX Northing (OS mN) XXXXXX.XX Start Date 21/04/2022 End Date 22/04/2022

Sheet 3 of 11





Park

Unless otherwise stated: Depth (m), Diameter (mm),Time (hhmm), Thickness (m), Level (mOD).



Project name: Bredbury Substation Battery Area Client: Pivot Power Project No: K0150 Easting (OS mE) XXXXXXXXXX Ground Level (mAOD) XX.XX Northing (OS mN) XXXXXX.XX Start Date 21/04/2022 End Date 22/04/2022

Sheet 4 of 11





Park

Unless otherwise stated: Depth (m), Diameter (mm),Time (hhmm), Thickness (m), Level (mOD).



Project name: Bredbury Substation Battery Area Client: Pivot Power Project No: K0150 Easting (OS mE) XXXXXXXXXX Ground Level (mAOD) XX.XX Northing (OS mN) XXXXXX.XX Start Date 21/04/2022 End Date 22/04/2022

Sheet 5 of 11





Park

Unless otherwise stated: Depth (m), Diameter (mm),Time (hhmm), Thickness (m), Level (mOD).



Project name: **Bredbury Substation Battery Area** Client: **Pivot Power**

K0150
Easting (OS mE

Ground Level (mAOD) XX.XX Northing (OS mN)

Start Date 21/04/2022 End Date 22/04/2022

Sheet 6 of 11





Park

Unless otherwise stated: Depth (m), Diameter (mm), Time (hhmm), Thickness (m), Level (mOD).

Equipment Used **Camera Phone**



Project name: Bredbury Substation Battery Area Client: Pivot Power Project No: K0150 Easting (OS mE) XXXXXXXXXX Ground Level (mAOD) XX.XX Northing (OS mN) XXXXXX.XX Start Date 21/04/2022 End Date 22/04/2022

Sheet 7 of 11





Park

Unless otherwise stated: Depth (m), Diameter (mm),Time (hhmm), Thickness (m), Level (mOD).



Project name: Bredbury Substation Battery Area Client: Pivot Power Project No: K0150 Easting (OS mE) XXXXXXXXXX Ground Level (mAOD) XX.XX Northing (OS mN) XXXXXX.XX Start Date 21/04/2022 End Date 22/04/2022

Sheet 8 of 11





Park

Unless otherwise stated: Depth (m), Diameter (mm),Time (hhmm), Thickness (m), Level (mOD).



Project name: Bredbury Substation Battery Area Client: Pivot Power Project No: K0150 Easting (OS mE) XXXXXX.XX Ground Level (mAOD) XX.XX Northing (OS mN) XXXXXX.XX Start Date 21/04/2022 End Date 22/04/2022

Sheet 9 of 11







Park

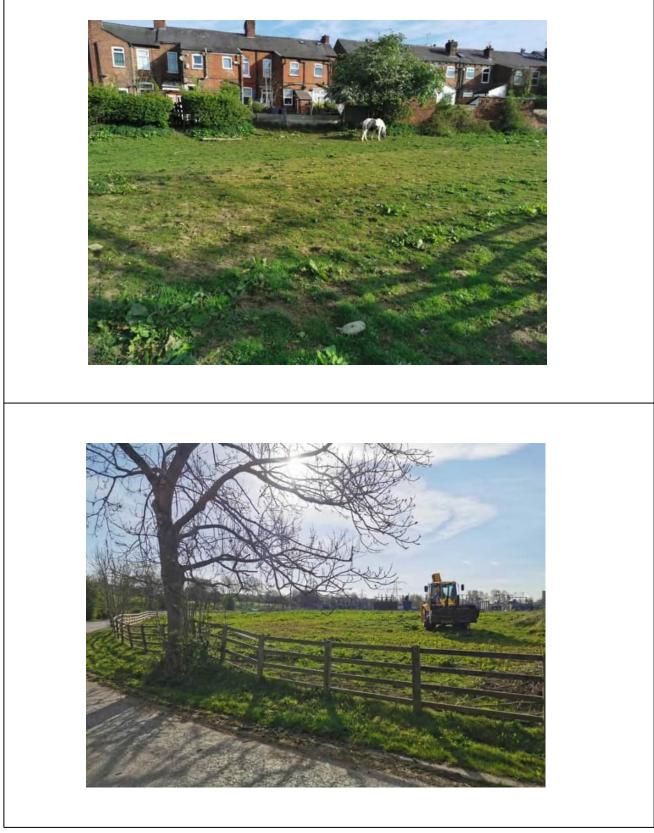
Unless otherwise stated: Depth (m), Diameter (mm),Time (hhmm), Thickness (m), Level (mOD).



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Project name: Bredbury Substation Battery Area Client: Pivot Power Project No: K0150 Easting (OS mE) XXXXXX.XX Ground Level (mAOD) XX.XX Northing (OS mN) XXXXXX.XX Start Date 21/04/2022 End Date 22/04/2022

Sheet 10 of 11



Park

Unless otherwise stated: Depth (m), Diameter (mm),Time (hhmm), Thickness (m), Level (mOD).



Project name: **Bredbury Substation Battery Area** Client: **Pivot Power**

Project No: K0150 Easting (OS mE) Ground Level (mAOD) XX.XX Northing (OS mN)

Start Date 21/04/2022 End Date 22/04/2022

Sheet 11 of 11





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Appendix F – Zetica Regional Unexploded Bomb Risk Map

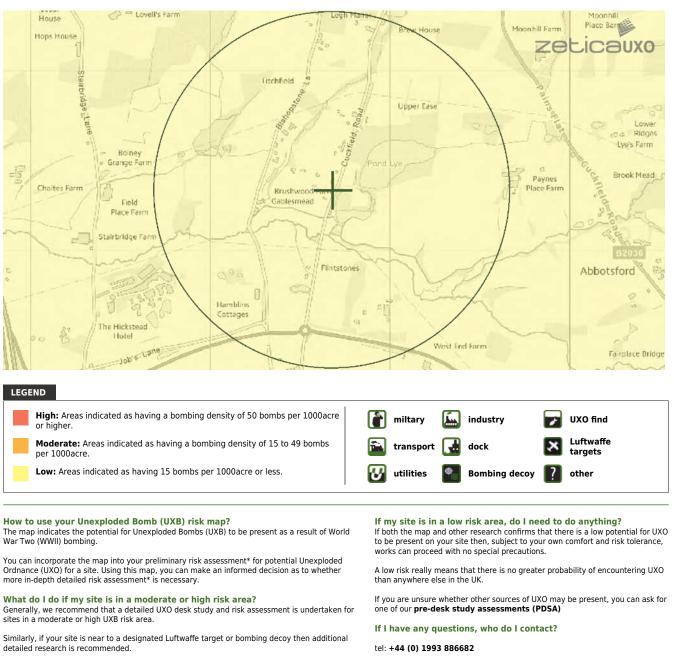
Rev 01

UNEXPLODED BOMB RISK MAP



SITE LOCATION

Location: RH17 5AL, Map Centre: 528687.121332



More often than not, this further detailed research will conclude that the potential for a significant UXO hazard to be present on your site is actually low.

Never plan site work or undertake a risk assessment using these maps alone. More detail is required, particularly where there may be a source of UXO from other military operations which are not reflected on these maps.

email: uxo@zetica.com

web: www.zeticauxo.com

The information in this UXB risk map is derived from a number of sources and should be used in conjunction with the accompanying notes on our website: (https://zeticauxo.com/downloads-and-resources/risk-maps/)

Zetica cannot guarantee the accuracy or completeness of the information or data used and cannot accept any liability for any use of the maps. These maps can be used as part of a technical report or similar publication, subject to acknowledgment. The copyright remains with Zetica Ltd.

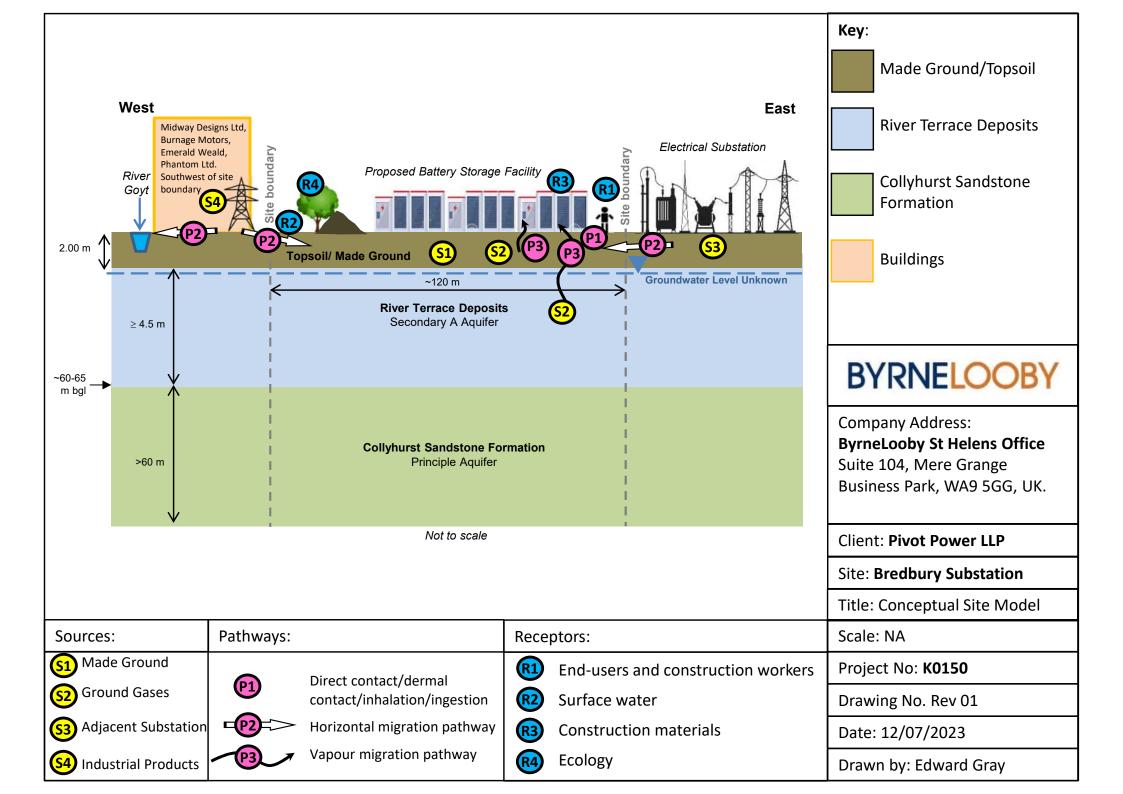
It is important to note that this map is not a UXO risk assessment and should not be reported as such when reproduced.

*Preliminary and detailed UXO risk assessments are advocated as good practice by industry guidance such as CIRIA C681 'Unexploded Ordnance (UXO), a guide for the construction industry'.



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Appendix G – Conceptual Site Model (CSM)



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Appendix H – Trial Pit Logs and Fieldwork Photographs

Rev 01

			Dimensions:				
		Equipment & methods: Method:	Width: 0.70	Easting:	tes & level:	Dates: Start:	22/04/2022
			Length: 2.00	Northing:		End:	22/04/2022
		Plant: JCB 3CX	Orientation:	Level:		Logged:	22/04/2022
		Shoring: NA	Strike A - C = 25°	Grid:			
Legend	Level & Depth (Thickness)	s	tratum Description	_		-	-
	0.15	rootlets. Gravel is angular to subar glass fragments. Sand is fine to co (MADE GROUND) Loose dark brown gravelly cobbly angular to subangular fine to coars terracotta pot and concrete fragme Occasional rags and material pres (MADE GROUND) Firm reddish brown silty CLAY. (RIVER TERRACE DEPOSITS) Loose orangish brown slightly grav Gravel is rounded to subrounded f (RIVER TERRACE DEPOSITS)	ngular of sandstone, siltstone, pottery, parse. clayey SAND. Sand is is fine to coarse se of red brick, sandstone brick, siltstor ents. Cobbles are angualr to subangula ent throughout. Slight organic odour. 0.40 m: Concrete flag was exacavated (50 0.40 m: Concrete flag was exacavated (50 velly clayey silty SAND. Sand is fine to ine to medium of siltstone and sandsto	. Gravel is ne, red Ir. Dem x 50 cm).	Depth	Type & No	Results
					Depth	Type & No	Results
After	_	Depth related remarks: From to: Remarks:		V	Veather: Stability:		
explanation	of symbols and	Project: Bredbury Substation		F	xploratory pos	sition reference:	
ns see Key S and reduced	heet. evels are in metres.						
	entries After (mins)	Level & Depth (Thickness) 0.15 (1.05) 1.20 × (0.55) × (0.55) × 2.30 and a stress After (mins): Remarks:	Shoring: NA gent Level & Depth (Thickness) S 0.15 Loose dark brown slightly gravelly angular to subangular the to correct Cocessional rags and material press (1.05) 1.20 Firm reddish brown slightly gravelly angular to subangular time to correct (RIVER TERRACE DEPOSITS) 1.20 Firm reddish brown slightly gravelly arguar to subangular to subangular time to correct (RIVER TERRACE DEPOSITS) 0.55)	Plant: JCB 3CX Shoring: Orientation: agent Leval & Depth (Thickness) Caces dark brown slightly gravelly slightly clayey slity SAND with frequence rootets. Gravel is angular to subangular frequence of the Scavel is angular to coarse of red bick, sandstone, slitstone, pottery. Jaces dark brown gravelly cobby clayey SAND. Sand is in the to coarse angular to bachgular frequence occessional rags and material present throughout. Slight organic odout: (MADE GROUND) Orientation: Statum Description 1.05 Firm reddish brown slightly gravelly dayey slity SAND. Sand is fire to coarse angular to coarse of red bick, sandstone blick, sandstone occessional rags and material present throughout. Slight organic odout: (MADE GROUND) 0.00 m. Concrete fing use sesanded (SI (MADE GROUND) 1.05 Firm reddish brown slity CLAY. (RIVER TERRACE DEPOSITS) (0.55) 0.050 Coorse orangish brown slightly gravelly clayey slity SAND. Sand is fire to Gravel is rounded to subrounded fire to medium of slitstone and sandsto (RIVER TERRACE DEPOSITS) 0.051 Trial pit ends at 2.30 m (Target depth reached.) 10 Sand is fire to coarse 10 Depth related remarks: From to: Remarks: From to: Remarks: From to: Remarks: From to: Remarks:	Plan: JCB SCX Shoring: NA Orientation: Strike A - C = 25" uvel: (nd: seem Level & Depth (Thickness) Stratum Description Image: Stratum Description	Plan: UCB 3CX Orientation: Level: Shoring: NA Stratum Description Grid: seew Level & Depth Stratum Description Stratum Description average: 0.15 Stratum Description Depth disast frameworks: Stratum Description Depth Depth disast frameworks: Stratum Description March C = 25" Grid: disast frameworks: Conset data: brown sitightly gravelity stands the brow sitistone, pottery, tile and public frameworks of the busing standstone brow sitightly gravelity clayery sitight organic voltame and standstone. Depth (1.05) Income careging the brow sitightly gravely clayery sitight SAND. Sand is fine to medium. Gravel transport (0.56) Income careging the brow sitight gravely clayery sitight SAND. Sand is fine to medium. Gravel transport (0.56) Income careging the brow sitight gravely clayery sitight SAND. Sand is fine to medium. Gravel transport <td>Plant: JCB 3CX Orientation: Level 4.0epth Compact Longent: Longent: Longent: Longent: Compact Samples & In Stau Te same Level 4.0epth Tools die brown slightly gravelly isightly clavel sity SAND with frequent roots and die fragments. Sand is the to coarse. Topies fragments. Sand a fire too coarse. T</td>	Plant: JCB 3CX Orientation: Level 4.0epth Compact Longent: Longent: Longent: Longent: Compact Samples & In Stau Te same Level 4.0epth Tools die brown slightly gravelly isightly clavel sity SAND with frequent roots and die fragments. Sand is the to coarse. Topies fragments. Sand a fire too coarse. T

				Equipment 0	mothodc	Dimensi		Coordin		NELO	
ersonn gged b necked oproved	oy: I by:		OS	Equipment & Method:	thod: Width: C		0.70 2.00	Coordina Easting: Northing: Level:	tes & level:	Dates: Start: End: Logged:	21/04/2022 21/04/2022 21/04/2022
					NA		C = 110°	Grid:			2.00.02022
ckfill/ stal'n	trike	Legend	Level & Depth (Thickness)		Stratu	um Description		_	Sa	mples & In Situ T	esting
	> "		(1110(11033)	Loose dark bro	own slightly clayey silty s	SAND. Sand is fine to	medium. Abi	undant roots	Depth	Type & No	Results
			0.10	mudstone and MADE GROU	ccassional rounded to a red brick red brick. ND) ht grey sandy GRAVEL	J J J J J J J J J J J J J J J J J J J					
	<u> </u>		(0.43)	limestone. (<u>MADE GROU</u> Dense dark bro	ND) own clayey silty SAND.				0.50	ES1	
	1 1 1		0.68	RIVER TERR	tone and sandstone. ACE DEPOSITS) h brown gravelly SAND.		of rounded to				
				and black weal	andstone. Gravel is rou k sandstone. ACE DEPOSITS)	nded to subrounded f	ine to coarse	of siltstone	1.00	ES2	
			(2.02)								
			2.70		obbly slightly clayey GR	AVEL. Gravel of rour		unded fine			
	a - A - A - A - A		(0.40) - - - 3.10 -	siltstone and s	one and sandstone. Col andstone. Sand is fine t ACE DEPOSITS)						
5	vater Rose	entries	Demerker	Depth related r From to:	remarks: Remarks:				Depth General remai Veather:	Type & No rks: Sunny	Results
pun.	to:	(mins): 5 105	Remarks:					S	Stability: Remarks:	Stable to 1.55	m
abb	breviation depths a	ns see Key SI	vels are in metres.	Project No: K(edbury Substation 0150 vot Power			E	Exploratory po	osition reference:	:

Person				Equipment &	& methods:	Dimension	e.	Coordin	BYR ates & level:	Dates:	
Logged Checke Approv	l by: ed by:		OS	Method: Plant:	JCB 3CX	Width: Length: Orientatior	0.70 2.00	Easting: Northing Level:		Start: End:	21/04/2022 21/04/2022 21/04/2022
				Shoring:	NA	Strike A - C	= 20°	Grid:	0		
Backfill/ Instal'n	Water- strike	Legend	Level & Depth (Thickness)		Strat	um Description			Depth	mples & In Situ Te	Results
			-		rown slightly clayey silty	SAND with frequent root	s and rootle	ts. Sand is			Results
			0.20 -	fine to coarse (MADE GRO	UND)				0.10	ES1	
			-	Compacted li limestone.	ight grey sandy GRAVEL	of angular to subangula	r fine to coa	rse			
			0.37	(MADE GRO	UND) prown clayey silty SAND.	Occassional rounded to	subrounder	1 fine			
			-	gravel of muc	dstone and sandstone.		Subrounded		0.60	ES2	
			(0.63)		RACE DEPOSITS)				0.00	LOL	
			-								
			1.00 —								
			-	Loose light re	eddish brown mottled gre RACE DEPOSITS)	ey medium to coarse SAN	ND.				
			-		,						
			-								
			-								
			-								
			(1.50) -						4.00	500	
			-						1.80	ES3	
			-								
			-								
			-								
			-								
			2.50 -	Firm light gre	y gravelly CLAY. Gravel i	is rounded to subrounde	d fine to coa	irse			
			-	siltstone and					2.60	ES4	
		· · · ·	(0.60) -		,						
		<u>. </u>	· · · - -								
			-						3.00 3.00	HV HV	142 kPa 172 kPa
			3.10 -		Trial pit ends at 3.	10 m (Target depth reache	ed.)				
			-								
			-								
			-								
			-								
			-								
			-								
			-								
			-								
			-								
			-								
			-								
			-								
			-								
			-						Depth	Type & No	Results
Ground		r entrie		Depth related					General rema	rks:	
Depth: 3.00	Rose to: 3.1	e After (mins 0 45		From to:	: Remarks:				Weather: Stability: Remarks:	Sunny Stable to 1.65 m	1
	abbreviat	ions see Key	of symbols and Sheet.	Project: E	Bredbury Substation				Exploratory po	sition reference:	
AGS .og iss	All depths	s and reduced	AFT	Project No: 1	K0150					TP04	
cale:		1:2		Client: F	Pivot Power						Sheet 1 c

Tri	al	Pit	t Log						BYR	NELO	OBY
Persor Logged Checke Approv	d by: ed by		OS	Equipment Method: Plant: Shoring:	& methods: JCB 3CX NA		Dimensions: Width: 0.70 Length: 2.00 Orientation: Strike A - C = 60°	Coordin Easting: Northing Level: Grid:	ates & level:	Dates: Start: End:	22/04/2022 22/04/2022 22/04/2022
Backfill/ Instal'n	Water- strike	Legend	Level & Depth		Str	atum Descript	lion		San	nples & In Situ Te	sting
Instal'n	We str	XXXXXXX	(Thickness)	Loosertert		·	silty SAND with frequent	root I	Depth	Type & No	Results
			0.15	rootlets. Gra glass fragme (MADE GRC	ivel is angular to subang ents. Sand is fine to coa DUND)	gular of sands irse.	tone, siltstone, pottery, ti	ile and	0.10	ES1 ES2	
					fine to medium of sands		medium. Gravel is subr e, red brick and clinker.	ounded to	0.50	B1	
			(0.95) 								
			1.10 1.20	is fine to me brick fragme	dium. Gravel is angular ents. Occasional rounder ng is present in places.	to subrounde d fine to medi	y gravelly clayey silty SA d fine to coarse of potter um gravel of sandstone. ery large cobbles of sand	ry, tile and Light	1.30 1.30	HV HV	143 kPa 144 kPa
		×_^_	(0.00)	Firm reddish	h brown silty CLAY. RRACE DEPOSITS)]	1.50	ES3	
		× ×	(0.80) - - - - -						1.70 - 1.90	B2	
		×	2.00		Trial pit ends at :	2.00 m (Target	depth reached.)				
				Donth relate					Depth	Type & No	Results
Ground Depth:	dwate Rose to:	er entrie e After (mins	Pemarks:	Depth relate From to					General remar Weather: Stability: Remarks:	ks: Windy + Sunny Stable to base	
	abbreviat All depth:	tions see Key s and reduced	AFT	Project No:	Bredbury Substation K0150 Pivot Power				Exploratory po	sition reference: TP05	Sheet 1 of ²

I ria	al	Pit	Log						RAKI	NELO	ORA
erson				Equipment & m	ethods:		nensions:		ates & level:	Dates:	
ogged			OS	Method:			dth: 0.70	Easting:		Start:	21/04/2022
hecke				Plant: JC	CB 3CX		ngth: 2.00 entation:	Northing Level:	1:	End:	21/04/2022 21/04/2022
pprove	eu by			Shoring: N			ke A - C = 130°	Grid:		Logged.	21/04/2022
ıckfill/ stal'n	Water- strike	Legend	Level & Depth			Im Description		I	Sar	nples & In Situ T	esting
stal'n	str str	xxxxxx	(Thickness)	Looso dark brow	n slightly clayey silty S	·	uant roots and roo	tlata Sandia	Depth	Type & No	Results
			-	fine to coarse.					0.15	ES1	
			0.25 -	(MADE GROUN	own slightly gravelly SA	AND Gravel is	rounded to subro	unded fine to	-		
			-	coarse of sandst	tone, siltstone, tile fragr	ments and red	brick.				
			(0.55)	(MADE GROUN	D)				0.50	B1	
			(0.60	ES2	
			-								
		0	0.80 -		own gravelly slightly co ounded fine to coarse s			are of			
		4	_	(RIVER TERRAG			Silistone.				
		۵ ۵	-								
		۵ ۵	-						1.20 - 1.40	B2	
		0 0	-								
		4 • •	(1.30)						1.50	ES3	
		4 • •	-								
		0.0	-								
		0 0	-								
		0 0	_								
			2.10 -	l oose light brow	n slightly gravelly SANI	ID Gravel is ro	unded to subround	ded fine to			
			-	medium siltstone	e and sandstone.						
			-	(RIVER TERRAG	CE DEPOSITS)						
			-								
			(1.00) -								
			-								
			-								
			_								
			3.10 -		Trial pit ends at 3.10	0 m (Target den	th reached)		-		
			-		mai pit enus at 5. ru	o in (Taiget dep	in reached.)				
			-								
			-								
			-								
			-								
			-								
			-								
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			-								
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			-								
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			-								
			=								
			-								
01101	Wota	r entrie:		Depth related re	marke				Depth General remar	Type & No	Results
ouna epth:	Rose	e After	Pomorko:	From to:	Remarks:				Weather:	sunny	
-pui.	to:	(mins)	:						Stability:	Stable to 0.8-2	.1 m
									Remarks:		
00	abbreviati	ons see Key \$	of symbols and Sheet. Ievels are in metres.		dbury Substation				Exploratory po	sition reference:	
g issı	ue:	DR	AFT	Project No: K01 Client: Pivo	50 ot Power					TP06	
ale:		1:2	5								Sheet 1

			Log	E autora a d	9 mathada.	D:'		0		NELO	
			OS	Equipment Method: Plant:	& methods: JCB 3CX	Dimension Width: Length: Orientation	0.70 2.00	Easting: Northing Level:	ates & level:	Dates: Start: End: Logged:	21/04/2022 21/04/2022 21/04/2022
				Shoring:	NA	Strike A - C	= 120°	Grid:			
ackfill/ nstal'n	Water- strike	Legend	Level & Depth (Thickness)		Strat	tum Description			Sa	mples & In Situ Te	sting
	≤ °		(THICKHESS)	Loose to me	edium dense dark brown s	lightly clavey silty SANF	with frequer	at roots	Depth	Type & No	Results
			-		. Sand is fine to coarse.				0.15	ES1	
			0.25	Dense dark	brown clayey silty SAND.	Occassional rounded to	subrounded	fine			
		 			udstone and sandstone. RRACE DEPOSITS)						
X			(0.80) -								
			-	-							
			1.05 -		edium dense light brown c to subrounded fine sandst			onal gravel			
		 	-		RRACE DEPOSITS)		olay olaoto.		1.20	ES2	
Ŵ			-								
X			-						1.50	B1	
			(1.25)								
			-								
			_	-							
			-								
X			2.30 -	-							
			-		brown/cream coarse slight I fine to medium sandstone		el is rounded	to			
			(0.30) -	(RIVER TEF	RRACE DEPOSITS)						
			2.60 -		sh brown gravelly SAND v I fine to medium sandston						
			(0.50) -	spherical of	sandstone and siltstone. RRACE DEPOSITS)			ana nginy	2.80	B2	
			(2.90 n	: Soil becomes o	lamp below.	2.90	ES3	
			3.10 -		Trial pit ends at 3.	10 m (Target depth reache	ed.)				
			-				()				
			-								
			-	•							
			-	-							
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			-								
			-								
			-								
			-	-							
			-	-							
			-	-							
			-								
			-								
				_					Depth	Type & No	Results
roune epth:	dwate Rose to:	er entrie e After (mins	Remarks:	Depth relate From to	ed remarks: o: Remarks:				General remai Weather: Stability: Remarks:	rks: Sunny Stable to 2.2 m	
귀	abbreviati	tions see Key	of symbols and Sheet.	Project:	Bredbury Substation				Exploratory po	osition reference:	
All denths and reduced levels are in metres			levels are in metres.	Project No: K0150					TP07		
cale: 1:25				Client: Pivot Power							Sheet 1

			Log						NELO	
e rsonn ogged b				Equipment & methods: Method:		Dimensions: Width: 0.70	Coordina Easting:	tes & level:	Dates: Start:	22/04/2022
necked	by:					Length: 2.00	Northing:		End:	22/04/2022
oprove	d by:			Plant: JCB 3CX	1	Orientation:	Level:		Logged:	22/04/2022
				Shoring: NA		Strike A - C = 5°	Grid:			
ی فر /ackfill	- e -		Level & Depth		Stratum Decerinti			San	nples & In Situ Te	esting
stal'n	strike	egend	(Thickness)		Stratum Description	UII	F	Depth	Type & No	Results
	8		-	Compacted dark brown grave	lly clayey SAND with	frequent roots and roo	tlets.			
			(0.30) -	Gravel is angular to subangula tiles.	ar fine to coarse of p	ot, sandstone brick, red	brick and	0.20	ES1	
			0.30 -	(MADE GROUND)				0.25	B1	
			-	Compacted dark brown mottle is fine to medium. Gravel is ar	ed light brown slightly ngular to subrounded	gravelly clayey silty SA	AND. Sand	0.40	ES2	
				brick fragments. Occasional ro	ounded fine to mediu	m gravel of sandstone.	Light	0.50	B2	
			-	brown mottling is present in pl (MADE GROUND)	aces. Occasional ve	ry large cobbles of san	dstone.			
			(0.90) -							
			(0.00) _							
			-							
			1.20 -							
			1.20 -	Loose orangish brown mediun subangular fine to coarse of s	n to coarse gravelly	SAND. Gravel is rounde	ed to			
	1		-	places.			PICSCILII	1.40	B3	
			-	(RIVER TERRACE DEPOSIT	S)			1.50	ES3	
			-							
	4		-							
			(1.20)							
			-							
			-	·		2.10 m: Clayey clasts present	below 2.1 m.			
			-					2.20	B4	
	1		2.40 -							
			2.40 -	Trial pit er	nds at 2.40 m (Target o	depth reached.)				
			-							
			-							
			-							
			-							
			-							
			-							
			-							
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			-	•						
			-							
			-							
+	+							Depth	Type & No	Results
Jundw	vater	entries	:	Depth related remarks:			0	General remar		1
pth: F	Rose	After	Pemarke:	From to: Remarks:			V	Veather:	Windy + Sunny	
	to:	(mins)					S	Stability:	Stable to 1.2 m	
							F	Remarks:		
No.	tes For	explanation	of symbols and	Draianti Dradhar Oak ()	ion			wales-t-	aition refer	
Notes: For explanation of symbols and abbreviations see Key Sheet. All depths and reduced levels are in metres. Project No: K0150				E	xpioratory po	sition reference:				
		DR/		100000000000000000000000000000000000000						

Tri	al	Pit	: Log						BYR	NELO	OBY
Persor Loggeo Checke	d by: ed by:		OS	Equipment Method: Plant:	& methods: JCB 3CX		Dimensions: Width: 0.70 Length: 2.00 Orientation:	Coordin Easting: Northing Level:		Dates: Start: End: Logged:	21/04/2022 21/04/2022 21/04/2022
				Shoring:	NA		Strike A - C = 110°	Grid:	Cor	nples & In Situ Te	oting
3ackfill/ Instal'n	Water- strike	Legend	Level & Depth (Thickness)		Strat	tum Descript	ion		Depth	Type & No	Results
			0.23	rootlets. Gragger glass fragm MADE GR	brown slightly gravelly slig avel is angular to subangu ents. Sand is fine to coars OUND) brown slightly clayey SAN	ular of sands se.	tone, siltstone, pottery, t	t roots and ile and /	0.15	ES1	
				(RIVER TE	RRACE DEPOSITS)				0.40	ES2	
			(0.82)	- - - - -					0.80	B1	
			1.05 - - - -	subrounded	brown clayey fine to medi I fine sandstone. Frequent RRACE DEPOSITS)	um SAND. C t light grey cl	Occasional gravel of rou ay clasts.	nded to	1.20	B2	
			(0.95)	-					1.40	ES3	
				-							
			2.00	subrounded spherical of	sh brown gravelly SAND v I fine to medium sandstom sandstone and siltstone. RRACE DEPOSITS)	with occasior le and siltsto	nal cobbles. Gravel is ro ne. Cobbles are rounde	unded to d and highly			
			(1.00)	-					2.50	В3	
			3.00	-	Trial pit ends at 3.	.00 m (Target	depth reached.)				
			- - - -	-							
			- - - - -	-							
			- - - - -								
				-							
			- - - - -	-							
				-					Depth	Type & No	Results
iround	dwater Rose to:	r entrie: After (mins)		Depth relate From t	ed remarks: p: Remarks:				General remar Weather: Stability: Remarks:		1
0.0	abbreviatio All depths	ons see Key and reduced	levels are in metres. AFT	Project: Project No: Client:	Bredbury Substation K0150 Pivot Power				Exploratory po	sition reference:	Sheet 1 d

Tria	al	Pit	Log						BYR	NELO	OBY
Personn Logged b Checked Approved	by: d by:		OS	Equipment a Method: Plant: Shoring:	& methods: JCB 3CX NA	Width: Lengtl Orien		Coordin Easting: Northing Level: Grid:	ates & level:	End:	22/04/2022 22/04/2022 22/04/2022
Backfill/	strike	egend	Level & Depth		Stratu	um Description			Sa	mples & In Situ Te	sting
Instal'n	st §	~~~~	(Thickness)	Loose dark h	rown gravelly clayey SAN		oots and rootlets	s Gravel is	Depth	Type & No	Results
			0.20	angular to su (MADE GRC Loose gravel angular to su	bangular fine to medium UND) Iy slightly cobbly clayey S brounded fine to coarse o	of tile, glass, plasti SAND. Sand is mee of asphalt, red bric	c and sandstone dium to coarse. (e. Gravel is	0.10 0.30	ES1 B1	
			(0.50)	(MADE GRC		asphalt. layer of asphalt in easte	n comer of trial pit (se	ee TP photos).	0.50	ES2	
	×		0.70	subangular fi places.	ish brown medium to coar ne to coarse of sandstone RACE DEPOSITS)						
	یو کا بو کا بو کا بو ک		(1.10)						1.50	B2	
	21 - 4 21 - 4 21 21 - 4 21 - 4 21		- - - 1.80 -	Loose bande	d cream and orangish bro	own slightly gravel		Gravel is			
	14 27 14 27 14		(0.60) -	rounded to s red coarse s	ubrounded fine to coarse	of black weak coa	rse grained sand	dstone and	2.00	ES3	
	10 A 20		-						2.20	В3	
Groundw	vater	entries		Denth related	1 remarks:				Depth General rema	Type & No	Results
Groundw Depth: F	vater Rose to:	entries After (mins)	Pemarke:	Depth related From to					General remai Weather: Stability: Remarks:	rks: Windy + Sunny Stable to base	
Log issue Scale:	breviation I depths a	explanation is see Key S ind reduced I DRA 1:25		Project No:	Bredbury Substation K0150 Pivot Power				Exploratory po	TP10	Sheet 1 of

Tria	al	Pit	Log						BYR	NELO	OBY	
Personnel: Logged by: OS Checked by: Approved by:				Equipment & methods: Dimensions: Coordin Method: Width: 0.70 Easting: Length: 2.00 Northing Plant: JCB 3CX Orientation: Level: Shoring: NA Strike A - C = 45° Grid:			ates & level:	Dates: Start: End: Logged:	21/04/2022 21/04/2022 21/04/2022			
Backfill/	vvater- strike T	Level & Dep			- Stratum Description				Sa	Samples & In Situ Testing		
Instal'n	st §	×××××	(Thickness)	Loose dark brown slightly clayey silty SAND with frequent roots and rootlets. Sand is					Depth	Type & No	Results	
	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		0.15	(INDERTERRACE DEPOSITS)					0.10	ES1 ES2		
			0.73	subrounded	prown clayey fine to mediu fine sandstone. Frequent RRACE DEPOSITS)	um SAND. Oc t light grey cla	casional gravel of rour / clasts.	nded to				
			(0.57) 						1.00	B1		
	د فروی دو وی دو وی از د		1.30	subrounded spherical of	oose pinkish brown gravelly SAND with occasional cobbles. Gravel is rounded to ubrounded fine to medium sandstone and siltstone. Cobbles are rounded and hi pherical of sandstone and siltstone. RIVER TERRACE DEPOSITS)					ES3		
			(1.35)						2.00	В2		
			2.65	- - -	Trial pit ends at 2.65 m (Target depth reached.)							
Groundw Depth: F	vater Rose to:	entries After (mins)	Pemarke:	Depth relate From to					Depth General remai Weather: Stability:	Type & No rks: Sunny Stable to 1.3 m	Results	
All denths and reduced levels are in metres			of symbols and Sheet. levels are in metres.		Bredbury Substation				Remarks:	osition reference:		
og issue cale:	e:	DR/ 1:25		Project No: Client:	K0150 Pivot Power					TP12	Sheet 1	

Tri	al	Pit	t Log						BYR	NELO	OBY
Personnel: Logged by: OS Checked by: Approved by:				Equipment Method: Plant: Shoring:	Method: Width: 0.70 Easting: Length: 2.00 Northing Plant: JCB 3CX Orientation: Level:				End:	21/04/2022 21/04/2022 21/04/2022	
ackfill/ nstal'n	Water- strike	Legend	Level & Depth (Thickness)	Stratum Description					Samples & In Situ Testing Depth Type & No Result		
	> "		-	Loose dark brown slightly gravelly slightly clayey silty SAND with frequent roots and						Type & No Results	
			0.15	rootlets. Gravel is angular to subangular of sandstone, siltstone, pottery, tile and glass fragments. Sand is fine to coarse. (MADE GROUND) Loose gravelly SAND. Gravel is angular to subangular fine to coarse of red brick,					0.10	ES1	
					quartz, tile and rounded of			,	0.40	ES2	
			(1.25) _ 	- - - -							
			1.40	subrounded spherical of	sh brown gravelly SAND I fine to medium sandstor sandstone and siltstone. RRACE DEPOSITS)	ne and siltstone.			1.60	B1	
			(1.20)								
									2.30	ES3	
			2.60		Trial pit ends at 2	2.60 m (Target dep	th reached.)		2.60	B2	
				-							
				-							
			- - - -	-							
				- - - -							
			-	- - -							
round	wate	r entrie	s [.]	Depth relate	ed remarks.				Depth General remar	Type & No	Results
epth:	Rose to:				o: Remarks:				Weather: Stability: Remarks:	ks: Sunny Stable to 1.4 m	
Notes: For explanation of symbols and abbreviations see Key Sheet. All depths and reduced levels are in metres. og issue: DRAFT cale: 1:25			Sheet. levels are in metres. AFT	Project: Project No: Client:	Bredbury Substation K0150 Pivot Power				Exploratory po	sition reference: TP13	Sheet 1