

3. TRIAL PIT AND BOREHOLE LOGS, LACKENBY





Trialpit No **7AT1**Sheet 1 of 1

Tel: 0113 239 5600 Project Name Project No. Date 55464E - 22061N Co-ords: Level: 23/04/2004 Baseline Site Investigation CO0520017E Teesside Location: Scale Dimensions: 3.00m 1:25 .00m Depth Logged By 3.50m Client: Corus Pic KAB Groundwater Strike (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description Legend MADE GROUND. Compacted slag cobbles in a slag sand matrix 1.0 1.20 MADE GROUND. Tarmac containing aggregate. 1.40 MADE GROUND. Slag cobbles and rubble (bricks and concrete) 1.50 - 2.0 3.00 3.0 3. 3.50 Trialpit Complete at 3.50 m 4.0 Hole terminated at 3.5m due to hard ground Remarks:





Trialpit No **7AT2**Sheet 1 of 1

Project Nar			Project No.	Co-ords:	55512E -	21536N	,	Date 2/04/2004	
Baseline S			CO0520017C	Level:	-	3.00m		Scale	-
Location:	Teesside			Dimensio		3.00111	7	1:25	ı
Client:	Corus Plc			Depth 4.00m	1.00m		_	ogged By	
Strata Depth (mbgl)	Level (m AOD) Legend		Stratum	Description			Sample Depth (mbgl)	Groundwater Strike (mbgl)	
(mbgl)	(m AOD) Legend		rey angular coarse sandy Sand is medium(MADE GF	gravel of brick an			(mbgl)		- 2.0
-3.0 -4.0 4.00 	Very damp at 2	.0m bgl above cl		omplete at 4.00 m					- 3.0
Remarks:	Very damp at 2	.0m bgl above cl	ay layer						S (+Oc Pig) III





Trialpit No **7AT3**Sheet 1 of 1

Project Nar	ne ite Investigation	Project No. CO0520017E	Co-ords: 55545E - 21980N Level: -	Date 23/04/2004
Location:	Teesside	0003200172	Dimensions: 3.00m	Scale
200anorn				1:25
Client:	Corus Plc		Depth 60 2.50m +	Logged By KAB
Strata Depth (mbgl)	Level (m AOD) Legend	Stratum	Description	Sample Groundwater Depth Strike (mbgl) (mbgl)
(mogi)	(III AOD)	MADE GROUND. Loose gravels and cobb Small area discoloured (green and blue) at Firm brown CLAY containing black organic Firm orange mottled CLAY with rounded to cobbles and lenses of fine yellow sand	: matter	0.20 1.0
-2.0				- -2.0
2.50	Groundwate	Trialpit Co	mplete at 2.50 m	-3.0 -3.0





Trialpit No **7AT4**Sheet 1 of 1

Location: Teesside Dimensions: 3.00m Scale 1:25	Project Nar		Project No.	Co-ords: 55310 Level: -	E - 21955N	23	Date /04/2004
Client: Corus PIc Stratun Depth (MADD) Legend Stratum Description MADE GROUND. Loose brown sand and gravel of stag MADE GROUND. Firm brown sandy clay MADE GROUND. Firm brown day with frequent stag gravets highly stained black with hydrocarbons MADE GROUND. Firm brown mottled gray with frequent organic peaty matter, stained black very occasional potterly fragments.			CO0520017E		3 00m		
Stratum Description Stratum Description Stratum Description MADE GROUND. Loose brown sand and gravel of slag MADE GROUND. Firm brown sandy clay MADE GROUND. Firm brown clay with frequent slag gravels highly stained black with hydrocarbons 2.00 MADE GROUND. Firm brown modeled grey with frequent graving peaty matter, stained black very occasional pottery fragments. 3.00 Trialpit Complete at 3.50 m	Location.	reesside			3.00111		
MADE GROUND. Firm brown sandy clay MADE GROUND. Firm brown sandy clay MADE GROUND. Firm brown day with frequent slag gravels highly stained black with hydrocarbons MADE GROUND. Firm brown mottled grey with frequent organic peaty matter, sained black very occasional pottery fragments. 3.00 7/16/pt Conclude at 3.50 m	Client:	Corus Plc		3.50m ÷			
MADE GROUND. Firm brown sandy clay MADE GROUND. Firm brown day with frequent slag gravels highly stained black with hydrocarbons MADE GROUND. Firm brown nettled grey with frequent organic peaty matter, stained black very occasional pottery fragments. 3.50 Trialpit Complete at 3.50 m	Strata Depth	Level Legend	Stratum	Description	·	Sample G	iroundwater Strike
1.60 MADE GROUND. Firm brown clay with frequent slag gravels highly stained black with hydrocarbons 2.00 MADE GROUND. Firm brown mottled grey with frequent organic peaty matter, stained black very occasional pottery fragments. 3.00 3.50 Trialpit Complete at 3.50 m	(mugi)	MADE GRO	UND. Loose brown sand and	gravel of slag		(mogi)	(mogi)
MADE GROUND. Firm brown clay with frequent slag gravels highly stained black with hydrocarbons 2.00 MADE GROUND. Firm brown mottled grey with frequent organic peaty matter, stained black very occasional pottery fragments. 3.50 Trialpit Complete at 3.50 m	1	MADE GRO	DUND. Firm brown sandy clay				
2.10 MADE GROUND. Firm brown mottled grey with frequent organic peaty matter, stained black very occasional pottery fragments. 3.00 Trialpit Complete at 3.50 m	1.60	MADE GRO	DUND. Firm brown clay with fi k with hydrocarbons	equent slag gravels highly	:		Y
3.00 Trialpit Complete at 3.50 m		MADE GRO	DUND. Firm brown mottled gr	ey with frequent organic peat	у	2.00	- 2.0
I nalpit Complete at 3.50 m	- 3.0	matter, stail	ned black very occasional pot	ery fragments.		3.00	~3.0
	- 3.50						
- 4.0 - 4.0			i naipit C	omplete at 5.30 III			
	- -4.0						-4.0
Remarks: Groundwater strike - 1.6m	Remarks:	Groundwater strike - 1.6m					





Trialpit No
7AT5
Sheet 1 of 1

Date Project No. 55414E - 21349N Project Name Co-ords: 23/04/2004 Level: CO0520017C Baseline Site Report Scale Dimensions: 3.00m Location: Teesside 1:25 .00m Depth Logged By 4.00m Client: Corus Plc GAD Groundwater Strike (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description Brown moist gravelly loose topsoil with many rootlets(MADE GROUND) 0.10 0.30 Grey brown white angular coarse gravel of slag and clinker with many cobbles(MADE GROUND) 1.0 2.0 -2.0 3.0 3.50 Light brown mottled grey very stiff very slightly gravelly CLAY. Gravel is fine to medium 4.00 4.00 Trialpit Complete at 4.00 m Remarks:





Trialpit No **7AT6**Sheet 1 of 1

Date Project No. 55182E - 21399N Co-ords: Project Name 23/04/2004 Level: CO0520017C Baseline Site Report Scale Dimensions: 3.00m Location: Teesside 1:25 .00m Depth Logged By 2.50m Client: Corus Plc GAD Groundwater Strike (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description Legend Black grey very sandy angular fine gravel of ash clinker and slag (MADE GROUND) 0.20 0.60 Golden brown very silty weak slightly gravelly CLAY. Gravel is medium 1.0 1.50 2.0 2.50 Trialpit Complete at 2.50 m 3.0 4.0 Water seeping in at 0.8m bgl above clay layer. Remarks:





Trialpit No **7AT7**Sheet 1 of 1

Date Project Name Project No. 55230E - 21400N Co-ords: 20/04/2004 Level: CO05200017 Baseline site investigation Scale Dimensions: 3.00m Location: Teesside 1:25 1.00m Depth Logged By 3.00m Client: Corus Plc LaQ Groundwater Strike (mbgl) Sample Depth (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description MADE GROUND: Loose gravel to boulder sized fragments of slag in a loose black coal dust and slag matrix 0.20 2.0 - 2.0 3.00 3. - 3.0 3.00 Trialpit Complete at 3.00 m 4.0 Remarks:





Trialpit No
7AT8
Sheet 1 of 1

Date Project No. 55214E - 21640N Project Name Co-ords: 23/04/2004 Level: CO0520017C Baseline Site Report Scale Dimensions: 3.00m Location: Teesside 1:25 1.00m Depth Logged By 4.00m Client: Corus Plc GAD Groundwater Strike (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description Brown grey cream very sandy coarse angular gravel of slag (MADE GROUND) 0.20 1.00 Black dry angular cobbles of slag (MADE GROUND) Brown grey mottled fairly stiff very slightly gravelly clay (MADE GROUND) 1.30 1.40 -2.0 - 3.0 4.0 4.00 Trialpit Complete at 4.00 m Water seepage at 1.0m bgl. Oily odour apparent at 1.0m to 1.3m. Some loose black oily Remarks:

staining and odour at 1.3-1.4m.





Trialpit No **7AT9**Sheet 1 of 1

	oject Nan				Project No. CO0520017C	Co-ords: Level:	55207 -	7E - 21535N	2:	Date 3/04/2004	
	aseline Si cation:	te Hepo Teessi			CO0520017 C	Dimensio	ns:	3.00m	-	Scale	\dashv
-	Out	• • • • •				Depth	· ·			1:25	
Cl	ient:	Corus	Plc			3.00m	1.00m			ogged By GAD	
	Strata Depth (mbgl)	Level (m AOD)	Legend			n Description			Depth (mbgl)	Groundwater Strike (mbgl)	
				Brown loose sar	ndy medium angular grave ous debris (MADE GROUN	el of slag ash and	brick with				
-	0.20				nedium to coarse SAND				0.20		
1.0	1.60			Brown grey mc	ottled fairly stiff very slightly	v gravelly CLAY.(Gravel		1.60		- 1.0 - - -
- 2.0				Brown grey mo is fine to mediu	m	y graveny ou	ulave.				- 2.0
-3.0	3.00				Trialpit C	Complete at 3.00 m				-	3.0
-4.0											- 4.0
R	lemarks:	Bla	ack oily sta	ining and oily blac	ck odour from 1.0m to	1.8m.			and the same of th		





Trialpit No **7AT10**Sheet 1 of 1

Project Na		Project No.	Co-ords: 55310E - 21260N	Date	
	site investigation	CO05200017	Level: -	20/04/2004	•
Location:	Teesside		Dimensions: 3.00m	Scale 1:25	
			Depth 60 4.20m +	Logged By	,
Client:	Corus Plc		4.20m C	LaQ	
Strata Dep	th Level Legend	Stratum	Description	Sample Groundwater Depth Strike (mbgl) (mbgl)	
Strata Dep (mbgl)	(m AOD) Legend	MADE GROUND: Loose gravel to boulder s		(mbgl) (mbgl)	
		loose grey slag matrix	5.250 Haginolia or slag in a		
				0.30	-
0.35		MADE GROUND: loose gravel to cobble siz	zed fragments of slag in a loose		-
. And the state of		greyish brown slag matrix			_
-				-	
-					
-1.0					- 1.0
-					
					-
	88888				-
					-
					-2.0
2.0 - 2.10		MADE GROUND: Loose gravel to cobble s	sized fragments of slag and hrink		-
		fragments in a loose brown slag matrix	sized fragments of slag and blick		
2.45		MADE GROUND: Orange brown mottled s and rare horizon/lense of vegetal material	sandy silt with occasional gravel,		
		and rare nonzonnense or vegetar material	in a black sity matrix		-
		*			-
_		*			- -3.0
- 3.0)			-
		*			-
-		*			
-		*			-
-		*			
3.75		SAND and SILT: Thinly laminated brown s laminations of orange fine-grained micaec	silt interbedded with fine		-
-	(laminations of orange fine-grained micaed	ous sand	100	+
-4.0	(4.00	4.0
4.20	(××××		omplete at 4.20 m		}
-		maph	ompote at 4.20 m		-
					-
					-
					-
Remarks:					





Trialpit No **7AT11**

Sheet 1 of 1 Tel: 0113 239 5600 Date 55123E - 21249N Project No. Co-ords: Project Name 20/04/2004 Level: CO05200017 Baseline site investigation Scale 3.00m Dimensions: Teesside Location: 1:25 .00m Depth Logged By 4.00m Corus Plc Client: LaQ Groundwater Strike (mbgl) Sample Depth (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description Legend MADE GROUND: Loose gravel in a brown sandy matrix 0.15 0.20 MADE GROUND: Loose gravel to cobble sized fragments of slag in a loose greyish brown slag matrix 1.0 1.00 MADE GROUND: Black silt with abundant vegetal material. MADE GROUND: Orange brown sandy silt with occasional slag gravel with occasional patch of stiff red clay 1.20 -2.0 3.0 3.50 SAND and SILT: Thinly laminated brown silt interbedded with fine laminations of orange fine-grained micaeous sand 3.90 4.00 4.0 Trialpit Complete at 4.00 m Remarks:





Trialpit No **7AT12**

Sheet 1 of 1

	ject Nan seline si		tigation	Project No. CO05200017	Co-ords: 55465E - 21489N Level: -	2	0/04/2004
	ation:	Teessi		-	Dimensions: 3.00n	n	Scale 1:25
Clie	ent:	Corus	Plc		Depth 60 4.25m +		ogged By LaQ
S	Strata Depth	Level (m AOD)	Legend	Stratun	n Description	Sample Depth (mbgl)	Groundwater Strike (mbgl)
+	(mbgl)	(III AOD)	*****	MADE GROUND: Loose gravel in a brow	n sandy matrix		
	0.20			MADE GROUND: Loose gravel to cobble loose brown slag matrix.	e sized fragments of slag in a	0.20	-
and the second second second	0.60	And Company and A		MADE GROUND: Loose gravel to boulde in a loose brown slag matrix. Occasional	er sized welded fragments of slag I pieces of plastics and metal.		
.0							
						Local district of the second o	
						BALLALA.	
		NAME AND POST OFFICE AND POST OF THE POST					
	1.75	0		MADE GROUND: Soft to firm brown cla fragments of slag, and brick fragments.	y with gravel to cobble sized		
				fragments of slag, and brick fragments. wet black silt with abundant vegetal mat	Occasional horizons/lenses of terial.	WHEN THE STATE OF	-
2.0							
				,			-
	Andrew Control of the						-
		ALCON THE				AAAAAA III AA TII	
3.0							
	3.25			SILTY CLAY: Soft to firm orange brow rootlets, with occasional horizons/lens	n silty clay with gravel and ses of wet black silt with		
				abundant vegetal material. Reworked.			

						4.00	
4.0							
_	4.25			Trialr	oit Complete at 4.25 m		
	And a second sec		The second secon		•	ARREST AND	
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	**************************************		Laboratory and the state of the			POPPER NAME OF THE POPPER NAME O	
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Trialpit No **8AB2**

Sheet 1 of 1

Project Na		4		Project No. CO0520017C	Co-ords: Level:	55980 -	0E - 21250N		23/	Date '04/2004	
Baseline S Location:	Teessic	******		0003200170	Dimensio	ns:	3.00m			Scale	
					Depth	-				1:25	
Client:	Corus F	Plc			1.00m	1.00m				gged By GAD	
Strata Dept (mbgl)	h Level (m AOD)	Legend		Stratum	Description			Samp Depi (mbg	ole G th gl)	roundwater Strike (mbgl)	
- 0.80			GROUND)	am angular medium to coar	se gravel of slag	and ash (MADE				
- 100								1.0	00		-1.0
-1.0 1.00				Trialpit Co	mplete at 1.00 m			2.4			-2.0
- - - -3.0								O PARA MARIA			- - - -3.0
-											1
-4.0											4.0
Remarks:											





Trialpit No **8AT1**

Sheet 1 of 1 Date 55740E - 21255N Project No. Project Name Co-ords: 23/04/2004 Level: CO0520017C Baseline Site Report Scale 3.00m Dimensions: Location: Teesside 1:25 1.00m Depth Logged By 4.00m Client: Corus Plc GAD Groundwater Strike (mbgl) Sample Depth (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description Brown grey medium angular very slightly sandy gravel of slag and clinker(MADE GROUND) 0.30 1.0 1.10 Dark brown stiff very slightly gravelly slightly sandy CLAY 1.20 2.0 3.0 4.00 4.0 Trialpit Complete at 4.00 m Black oil staining and oily odour of same??? At 1.1 to 1.3m bgl Remarks:





Trialpit No **8AT2**

Sheet 1 of 1

Date Project No. 55545E - 21250N Co-ords: Project Name 23/04/2004 Level: CO0520017C Baseline Site Report Scale Dimensions: 3.00m Location: Teesside 1:25 1.00m Depth Logged By 4.00m Client: Corus Plc GAD Groundwater Strike (mbgl) Level (m AOD) Strata Depth (mbgl) Stratum Description Legend Dark brown black yellow loose topsoil with fine rootlets(MADE GROUND) 0.20 0.20 White grey very sandy angular fine to medium gravel of slag and clinker with rare cobbles(MADE GROUND) 1.0 1.90 Light brown yellow mottled grey weak very silty CLAY 2.0 3.0 4.00 4.00 Trialpit Complete at 4.00 m Oily black staining and oily odour from 1.9 to 2.0m bglWater seeping in above clay layer Remarks: between 1.8 to 1.9m bgl





Trialpit No **8AT3**

Sheet 1 of 1 Tel: 0113 239 5600 Date Project Name Project No. 55620E - 21385N Co-ords: 28/04/2004 Level: CO0520017C Baseline Site Report 3.00m Scale Teesside Dimensions: Location: 1:25 1.00m Depth Logged By 4.00m Corus Plc Client: GAD Groundwater Strike (mbgl) Sample Depth (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description Legend Brown grey angular sandy coarse gravel of brick and slag (MADE GROUND) 0.20 1.0 1.80 White grey fine to medium loose angular gravel of slag and ash with many cobbles and boulders (MADE GROUND) - 2.0 3.0 3.80 4.00 4.0 Trialpit Complete at 4.00 m Remarks:





Trialpit No **8AT4**Sheet 1 of 1

Project Na		Project No.	Co-ords: 55800E - 21300N	Date
	Site Report	CO0520017C	Level: -	23/04/2004
Location:	Teesside		Dimensions: 3.00m	Scale 1:25
			Depth 60 3.00m +	
Client:	Corus Plc		3.00m C:	Logged By GAD
Strata Dent	h Level	Stratum	Description	Sample Groundwater Depth Strike (mbgl) (mbgl)
Strata Dept (mbgl)	h Level Legend	Dark brown moist loose topsoil with many		(mbgl) (mbgl)
0.10				
		Brown grey white sandy medium to coarse many cobbles (MADE GROUND)		0.20
				-
0.50		Grey white brown angualr cobbles and bot	ulders of slag (MADE GROUND)	
-		andy mine diam, angual course and in	,	
				-
				-
-1.0				-1.0
1.30		Down blash off	silly CLAV Grouptio	
-		Brown black stiff very slightly gravelly very fine to medium	SITY CLAY. Gravei is	-
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Remarks:				





Trialpit No **8AT5**

Sheet 1 of 1 Tel: 0113 239 5600 Date Project No. 55665E - 21480N Co-ords: Project Name 26/04/2004 Level: CO0520017C Baseline Site Report Scale 3.00m Dimensions: Location: Teesside 1:25 1.00m Depth Logged By 4.00m Client: Corus Plc GAD Sample Depth (mbgl) Groundwater Strike (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description Legend Orange brown cream very sandy angular medium to coarse gravel of slag and brick with some cobbles and boulders (MADE GROUND) 0.30 1.0 2.0 3.00 3.0 Light brown gravelly slightly sandy CLAY. Gravel is fine to medium 3.20 4.00 Trialpit Complete at 4.00 m Remarks:





Trialpit No **8AT6**

Sheet 1 of 1 Date Co-ords: 55938E - 21491N Project No. Project Name 23/04/2004 Level: CO0520017C Baseline Site Report Scale Dimensions: 3.00m Location: Teesside 1:25 Depth Logged By 4.00m Corus Pla

St	trata Depth (mbgl)	Level (m AOD)	Legend	Stratum Description	Depth (mbal)	Groundwate Strike (mbgl)	
-	(mbgl)	(m AOD)	XXXXX	Brown grey white black medium angular sandy gravel of slag and clinker with many cobbles. (MADE GROUND)	(Handi)	(mbgr)	
				with many cobbles. (MADE GROUND)	ABADOO		
					0.30		-
					0.00		-
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	1.00		(XXXX	Brown very stiff very slightly gravelly laminated CLAY		Mary Control of the C	-1
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Trialpit No GAT1

Sheet 1 of 1 Tel: 0113 239 5600 Project Name Date Project No. 56346E - 22225N Co-ords: Baseline Site Investigation CO0520017E Level: 26/04/2004 Location: Teesside Dimensions: Scale 3.00m 1:25 Depth Logged By 4.00m Client: Corus Plc **KAB** Groundwater Strike (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description TOPSOIL. Loose brown sandy gravelly topsoil 0.10 MADE GROUND. Slag cobbles in a brown sandy clay 0.80 MADE GROUND. Cobbles of coal and slag in a brown sandy clay 1.0 1.20 MADE GROUND. Brown sandy clay 1.50 MADE GROUND. Slag and rubble in a white ashy matrix 1.60 2.00 MADE GROUND. Brown sandy clay 2.40 MADE GROUND. Slag and rubble in a white ashy matrix 3.0 3.00 MADE GROUND. Reworked red brown mottled grey CLAY with frequent subangular to rounded cobbles of slate and mudstone 3.80 4.0 4.00 Trialpit Complete at 4.00 m Groundwater strike - 1.2m Remarks:





Trialpit No GAT2

Sheet 1 of 1 Tel: 0113 239 5600 Date Project Name Project No. Co-ords: 56721E - 22308N Level: 27/04/2004 CO0520017E Baseline Site Investigation Teesside Scale Location: Dimensions: 3.00m 1:25 .00m Depth Logged By 4.00m Client: Corus Plc KAB Groundwater Strike (mbgl) Strata Depth (mbgl) Level (m AOD) Stratum Description Legend MADE GROUND. Slag cobbles and gravels in a sandy matrix 1.0 2. 2.0 2.20 MADE GROUND. Reworked red brown clay, stained black with hydrocarbons 2.30 2.50 MADE GROUND. Reworked firm red brown mottled clay with yellow sand lenses and red and grey mudstone cobbles - 3.0 3.80 4.0 4.00 Trialpit Complete at 4.00 m Remarks:





Trialpit No

GAT4 Sheet 1 of 1

Baseline Site Investigation CO0520017E Level: 3.00m Permission: 3.00m Depth 4.00m Status Depth 1.295 Logged by KAB Status Depth (mAD) ADD Stat	D	1 1 1			Draiget No.		F00 4	CE OCCEN		Date	
Dimensions Teesside Dimensions 3,00m Scale 1,25					Project No. CO0520017E	Co-ords: Level:	56346 -	oc - 22225N	2		4
Common C					1		ns:	3.00m		Scale	
Stratum Description (In-typi) (In-ADD) Legend							m _O				
D.20 MADE GROUND. Cobbles of slag, coal and red mudatone MADE GROUND. Reworked brown motified grey day with frequent gravels and sandationes and modatone. Wash hydrocarbon statining in sense and control and pearl deposits (reworked), flore has unrestural diagrams. 20.90 ADD GROUND Reworked brown motified grey day with frequent gravels and social analysis and sandationes and modatones. Wash hydrocarbon statining in sense and control and statining pear deposits (reworked), flore has unrestural diagrams. 20.90 ADD GROUND Reworked brown motified grey day with frequent gravels and control and statining in sense and control and statining	Client:	•	Corus Plc			4.00m	1.0			KAB	
MADE GROUND. Reworked brown motited grey clay with frequent gravatis and sandstones and mudations, black hydrocarbor staining in areas and some trataral pest disposits (reworked), inde has unreatural organic colour. 1.3 2.2 4.00 Trapt Cemples at 4.00 in	Strata (m	a Depth nbgl)	Level (m AOD) Legend						Depth (mbgl)	Strike (mbgl)	71
	Strata (m	a Depth hbgl)	· · · · · · · · · · · · · · · · · · ·	MADE GROUN MADE GROUN and sandstones some natural pe	D. Cobbles of slag, coal a D. Reworked brown mottl and mudstone, black hyceat deposits (reworked). I	and red mudstone led grey clay with forcarbon staining Hole has unnatural	requent g	ravels	0.50	Groundwate Strike (mbgl)	- 1.0
										And the state of t	-
Demandra, Crayendruptor atribo 0.0m			0	triko 00-					AAAA OO AMAAA		
Remarks: Groundwater strike - 0.2m Many water strikes very wet	Remar	rks:	Groundwater s Many water st	strike - 0.2m rikes very wet							





Trialpit No GAT5

	A 1 () () () ()			Tel: 0113 239	5600	(হতার)	G 8	Sheet 1 of 1
	oject Na			Project No.	Co-ords: -	130000000000000000000000000000000000000		Date
	seline S cation:	Site Investigation		CO0520017E	Level: -		2	26/04/2004
	callon.	Teesside			Dimensions:	3.00m		Scale
A					Depth 60:			1:25
Cli	ent:	Corus Plc			4.30m <equation-block></equation-block>		L	Logged By KAB
Ş	Strata Depth (mbgl)	Level (m AOD) Legend		Stratum	n Description		Sample Depth	Groundwater Strike (mbgl)
-	0.10		MADE GROUNE				(mbgi)	(mbgl)
-1.0	1.20			D. Rubble and slag incluc many large metal railway	ding bricks, furnace bricks in sleepers	a	1.00	-1.0
3.0								- 3.00 - - -
4.0	3.80		Firm brown mottle and occasional co	d grey CLAY with bands bbles and gravels and an	of fine yellow and orange sar gular friable grey mudstone	nd		-4.0
***************************************	4.30	The second secon	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				4.20	
Rema	rke.			Trialpit Com	plete at 4.30 m			- Trialist i co su feand Sight Mar 13
TOITIO	.671							SE CE
								ASE III (Bld 30



Drilled GB Logged RW Checked JT	Start 26/04/2004 End 26/04/2004	Equipment, Method Dando 2000	s and Remarks	Depth from to Diameter Casing Depth 0.00m 6.00m 150mm 3.00m	Ground Level Coordinates National Grid Chainage	+9.93 mOD E 55520.57 N 21698.94
Samples a	and Tests			Strata	1	
Depth	Type & No	Records	Date Time	Description	Depth,Level (Thickness)	Legend Backfi
0.50-0.90	B 1		Casing Water	MADE GROUND: Dark grey brown silty very sandy angular to subrounded GRAVEL size fragments of slag.	(1.00)	Instrume
1.20-1.60 1.70-2.10	B 2			Firm, becoming soft, multicoloured locally slightly sandy slightly gravelly CLAY. Gravel is angular to subrounded fine and medium siltstone, mudstone, sandstone and coal. From 1.70-1.90m, very soft, gravelly.	1.00 +8.93	
_					(4.50)	
5.50-6.00	. В4		26/04/2004 3.00 dry	Very soft red brown mottled brown and grey brown CLAY. With many partings of silt. EXPLORATORY HOLE ENDS AT 6.00 m	5.50 +4.43 (0.50) 6.00 +3.93	\$ 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Depth	Type & No	Records	Date Time Casing Water			
Groundwater Ent No. Struck Po (m) 1 1.70 -	tries st strike beha	viour	Depth sealed (m)	Depth Related Remarks * From to (m)	Chiselling Depths (m)	Time Tools used
otes: For explanation bbreviations see key evels in metres. Strain depth column.	y sheet. All depth tum thickness gi	ns and reduced	Project No.	CORUS TEESSIDE B4009 Enviros Consulting Limited		'AB1 eet 1 of 1



Orilled GB Logged RW Checked JT	Start 26/04/2004 End 26/04/2004	Equipment, Metho Dando 2000	ds and Remarks		Depth from to Diameter Casin 0.00m 10.00m 150mm 3.0i	g Depth Ground Level Coordinates National Grid Chainage	+9.78 mC E 55399.4 N 21332.8
Samples a	and Tests			Strata			
Depth	Type & No	Records	Date Tin	ne	Description	Depth,Level	Legend Back
- 1.00-1.40	B1		Casing Wa	MADE GROUND: G angular to subangula GRAVEL size fragm	rey brown clayey sandy ar fine to coarse ents of slag and metal. o subangular cobbles	(Thickness)	Instrum
- 2.00-2.40	B 2			MADE GROUND: Fi brown mottled dark g sandy slightly gravel Gravel is angular to s coarse fragments of coal, brick and glass rootlets.	grey locally slightly ly organic CLAY. subangular fine to siltstone, slag,	1.90 +7.88	
3.20-3.60	B 3			MADE GROUND: Firmulticoloured slightly slightly organic CLAY to subangular fine an of slag.	gravelly locally	3.10 +6.68	
4.10-4.40	B 4			and SILT.	rown and grey CLAY	4.10 +5.68	000000000000000000000000000000000000000
8.00-8.40	B 5		26/04/2004 3.00 d		C. Gravel is d fine and medium	(3.00)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Depth	Type & No	Records	Date Time Casing Wate	EXPLORATORY HO	DLE ENDS AT 10.00 m		
roundwater Entri b. Struck Posi (m) 5.00 -	ies it strike behavi	our	Depth sealed (m)	Depth Related Remark From to (m)	s*		me Tools used mins
Project ses: For explanation of symbols and reviations see key sheet. All depths and reduced els in metres. Stratum thickness given in brackets lepth column. Ille 1:50 (c) MESG 298 V1.1507/09/2004 09:50:41				CORUS TEESSIDE B4009 Enviros Consulting Lim	ited		AB2 eet 1 of 1



rilled TQ ogged RW hecked JT	Start 26/04/2004 End 26/04/2004	Equipment, Method Dando 175	ds and Remarks	3	Depth from to Diameter Casing Depth 0.00m 6.70m 150mm 6.10m	Ground Level Coordinates National Grid Chainage	+10.08 mO E 55254.1 N 21399.8
Samples a	ind Tests				Strata		
Depth	Type & No	Records		Time		Depth,Level	Legend Back
2.30-2.80 4.40-4.80	B1	Records		Vater	Description MADE GROUND: Grey brown slightly clayey very sandy angular to subangular fine to coarse GRAVEL size fragments of slag and brick. With occasional angular to subangular cobbles of slag and brick. From 0.00-1.00m, dark grey, slightly silty. Below 4.40m, dark grey, not clayey.	(Thickness)	Legenia instrum
5.20-5.70	B3		26/04/2004 6.10	dry	Soft, locally firm, red brown slightly gravelly CLAY. Gravel is angular to subangular fine and medium mudstone, siltstone, sandstone and coal.	5.20 +4.88 (1.50) 6.70 +3.38	• • • • • • • • • • • • • • • • • • •
Depth oundwater Entr . Struck Pos (m) 2.30		Records	Casing Wa	me ater ed m)	Depth Related Remarks *		me Tools used
vels in metres. Stratum thickness given in brackets depth column. Project No.				1	ORUS TEESSIDE 4009 nviros Consulting Limited	Borehole 7,	AB3 et 1 of 1



Equipment, Methods and Remarks
Dando 175 Ground Level Casing Depth 4.60m +10.07 mOD E 55201.21 N 21251.95 Start 26/04/2004 Diameter 150mm Coordinates National Grid Logged RW End Checked JT 26/04/2004 Chainage Samples and Tests Strata Type & No Date Time Depth,Level Backfill/ Depth Records Description Legend Instrument MADE GROUND: Clayey slag. (Driller's description). (1.00)+9.07 1.00 MADE GROUND: Very soft multicoloured slightly gravelly CLAY. Gravel is angular to subangular fine to coarse fragments of slag, limestone and siltstone. With occasional angular to 1.60-2.20 subangular cobbles of similar lithology (1.60)2.60 Very soft grey brown mottled yellow brown CLAY. With many partings and 0 pockets (<20mm thick/diameter) of silt. 0000 0 0 (2.60)0 0000 0 5.20-6.20 B 3 5.20 Very soft, locally soft, red brown mottled brown and green grey locally slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine and 0000 medium mudstone, siltstone, sandstone 0 26/04/2004 4.60 6.20 +3.87 EXPLORATORY HOLE ENDS AT 6.20 m **Groundwater Entries** Depth Related Remarks * Chiselling Struck Post strike behaviour Depth sealed Depths (m) Tools used (m) 2.20 Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in death of the strategy of th Project **CORUS TEESSIDE Borehole** Project No. B4009 in depth column **7AB4 Enviros Consulting Limited** (c) MESG 298 v1.1507/06/2004 09:54:55 AGS Sheet 1 of 1 Scale 1:50



Drilled TQ Logged RW Checked JT	Start 28/04/2004 End 28/04/2004	Equipment, Methods and Remarks Dando 175			Depth from to Diameter Casing Depth 0.00m 7.00m 150mm 3.00m	Ground Level Coordinates National Grid Chainage	+9.92 mC E 55546.6 N 21987.2
Samples a	and Tests	<u> </u>			Strata	1	
Depth	Type & No	Records	Date Casing	Time Water	Description	Depth,Level	Legend Back
0.55-1.30	B 1		Justing	Water	MADE GROUND: Very soft brown mottled dark grey gravelly CLAY. Gravel is angular to subangular fine to coarse fragments of slag. With occasional angular to subangular cobbles of slag.	(Thickness)	Instrum
1.80-2.10 - 2.20-2.60	B2				Firm multicoloured slightly gravelly CLAY. Gravel is angular to subrounded fine and medium siltstone, mudstone, sandstone, coal and dolerite.	1.80 +8.12	
					- - - - - - - - - - - - - - - - - - -	(3.50)	
5.40-5.80	В4			-	Soft brown locally stained dark grey gravelly CLAY. Gravel is angular to subrounded fine to coarse siltstone, sandstone, mudstone, limestone and quartz.	5.30 +4.62	
6.40-6.90 6.90-7.00	B 5		28/04/2004	dry	Stiff, locally very stiff, grey gravelly CLAY. Gravel is angular to subangular fine to coarse mudstone and siltstone. With occasional angular to subangular cobbles of mudstone and siltstone. EXPLORATORY HOLE ENDS AT 7.00 m	(0.60) 7.00 +2.92	\$ O O O O O O O O O O O O O O O O
Depth	Type & No	Records	Date T	ime	- - -		
roundwater Entr			Casing W	led (m)	Depth Related Remarks * From to (m)	Chiselling Depths (m) Tir 6.90 -7.00 15	ne Tools used mins
tes: For explanation of symbols and breviations see key sheet. All depths and reduced els in metres. Stratum thickness given in brackets depth column. ale 1:50 (c) MESG 298 v1.1507/06/2004 09:57:00 Carried out for				Е	CORUS TEESSIDE 34009 Enviros Consulting Limited		AB5 et 1 of 1



	Drilled TQ Start 27/04/2004 Equipment, Meth Dando 175 Logged RW End 27/04/2004 Checked JT 27/04/2004			ds and Remar	ks	Depth from to Diameter Casing Depth 0.00m 9.30m 150mm 6.00m	Ground Level Coordinates National Grid Chainage	E 5	.15 mOD 55542.06 21261.05
	Samples	and Test	nd Tests			Strata	- Chamago		
	Depth	Type & No	Records	Date	Time	Description	Depth, Level	Legend .	Backfill/
	1.00-2.00	B1	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Casing	Water	MADE GROUND: Grey slightly silty sandy angular to subrounded fine to coarse GRAVEL size fragments of slag. With some angular to subrounded cobbles of slag.	(Thickness)		nstruments o o o
	2.20-2.50	B2				Firm brown, locally mottled grey, slightly gravelly CLAY. Gravel is angular to subangular fine and medium limestone and coal. With many partings of silt. From 2.20-3.00m, brown and orange brown	2.20 +7.95		000000000000000000000000000000000000000
						mottled grey.	(3.10)		000000000000000000000000000000000000000
	5.30-6.00	B 4				Firm, locally soft, red brown slightly sandy slightly gravelly CLAY. Gravel is angular to subrounded fine and medium siltstone, mudstone, sandstone and limestone.	5.30 +4.85		
						- - - - - - - - - - - - - - - - - - -	(3.70)		000000000000000000000000000000000000000
	- 9.00-9.30	B5		27/04/2004 6.00	dry	Very soft red brown and grey gravelly CLAY. Gravel is angular to subangular fine to coarse mudstone. EXPLORATORY HOLE ENDS AT 9.30 m	9.00 +1.15 (0.30) 9.30 +0.85		SP
ľ	Depth Groundwater Entr No. Struck Pos (m) None observed (s	st strike behav		Casing V	Vater	Depth Related Remarks * From to (m)	Chiselling Depths (m) Ti	me Tools	used
Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Scale 1:50 (c) MESG 288 V1.1507/09/2004 10.01:19					E	CORUS TEESSIDE 34009 Enviros Consulting Limited		AB1 et 1 of 1	



Equipment, Methods and Remarks
Dando 175 Casing Depth 2.70m Drilled to 9.10m +10.23 mOD E 55995.35 N 21611.15 Coordinates Logged RW End National Grid Checked JT 27/04/2004 Chainage Samples and Tests Strata Date Time Depth, Level Backfill/ Type & No Records Description Legend Casing Water Instrument MADE GROUND: Limestone chippings (Driller's description) (1.00)1.00-1.80 +9.23 MADE GROUND: Very soft slightly gravelly CLAY. Gravel is angular to subangular fine to coarse fragments of slag. With occasional partings and lenses of silt. (1.40)2.40-2.80 B 2 2.40 +7.83 Firm, locally stiff, red brown locally slightly sandy slightly gravelly CLAY. (0.40)Gravel is angular to subangular fine and medium siltstone, sandstone, mudstone 2.80-3.10 В3 2.80 0000 Very soft brown CLAY. With many partings and laminations of silt. (2.20)0000 5.00 Firm red brown locally slightly sandy slightly gravelly CLAY. Gravel is 5.20-5.80 0 angular to subangular fine and medium siltstone, sandstone, mudstone and coal. 000 0 00 (3.10)0 0 8.10-8.50 B 5 8.10 Stiff grey gravelly CLAY. Gravel is angular to subangular fine and medium 0000 mudstone. 27/04/2004 2.70 dn 9.10 EXPLORATORY HOLE ENDS AT 9.10 m SP Date Time Water Depth Type & No Records Groundwater Entries Depth Related Remarks * Chiselling Struck (m) Post strike behaviour Depth sealed Depths (m) Tools used 0.65 Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Project **CORUS TEESSIDE** Borehole B4009 Project No. **8AB2** Carried out for **Enviros Consulting Limited** Scale 1:50 Sheet 1 of 1 (c) MESG 298 v1.1507/06/2004 10:03:31



Equipment, Methods and Remarks
Dando 175 Start 28/04/2004 Casing Depth 3.00m Ground Level Drilled Diameter 150mm +10.13 mOD E 56337.38 Coordinates National Grid Logged RW End N 22221.27 Checked JT 28/04/2004 Chainage Samples and Tests Strata Date Time Depth, Level (Thickness) Backfill/ Depth Type & No Records Description Legend Casing Instrument 0.00-1.30 MADE GROUND: Brown, grey brown and white clayey, locally very clayey, sandy angular to subangular fine to coarse GRAVEL size fragments of slag. With some angular to subangular cobbles of slag. (2.00)2.00-2.60 B 2 2.00 +8.13 Firm grey brown slightly gravelly slightly organic CLAY. Gravel is subangular to subrounded fine and medium siltstone and mudstone. (1.20)3.20-3.60 0 3.20 +6.93 Firm multicoloured slightly sandy slightly gravelly CLAY. Gravel is angular to subrounded fine and medium siltstone, sandstone, mudstone and coal. 0 0000 0 0000 0 0 0000 0 0000 0 0000 8.20-8.70 B 4 Stiff grey gravelly CLAY. Gravel is angular to subangular fine to coarse 0000 0000 28/04/2004 3.00 Date Casing Depth Type & No Records EXPLORATORY HOLE ENDS AT 10.00 m **Groundwater Entries** Depth Related Remarks Chiselling Struck (m) Post strike behaviour Depth sealed From to (m) Depths (m) Tools used 1.30 Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Project CORUS TEESSIDE Borehole B4009 GAB1 Project No. Carried out for **Enviros Consulting Limited** (c) MESG 298 v1.1507/06/2004 10:05:43 Sheet 1 of 1



Equipment, Methods and Remarks Dando 2000 Casing Depth 6.80m Drilled +10 04 mOD E 56558.72 N 23140.70 Coordinates Logged RW End National Grid Checked JT 27/04/2004 Chainage Samples and Tests Strata Depth,Level (Thickness) Type & No Backfill/ Records Description Legend Casing Water Instruments MADE GROUND: Very soft brown slightly sandy slightly gravelly CLAY. Gravel is angular to subangular fine to coarse fragments of slag, coal and plastic. With occasional angular to subangular cobbles of similar lithology. 1.00-1.40 B 1 From 3.00-5.00m, soft, mottled grey. Below 5.00m, mottled grey and red brown with siltstone and mudstone gravel. 3 10-3 90 B 2 (6.50) 5.00-5.50 6.50-7.00 6.50 +3.54 Moderately weak thinly laminated grey MUDSTONE. 0 27/04/2004 6.80 (0.50)5.80 7.00 +3.04 EXPLORATORY HOLE ENDS AT 7.00 m SP Date Casing Time Water Depth Type & No Records **Groundwater Entries** Depth Related Remarks * Chiselling Struck Post strike behaviour (m) Depth sealed Time Depths (m) Tools used 3.00 Notes: For explanation of symbols and abbreviations see key sheet. All depths and reduced levels in metres. Stratum thickness given in brackets in depth column. Project **CORUS TEESSIDE** Borehole B4009 GAB2 Project No. Carried out for **Enviros Consulting Limited** (c) MESG 298 v1.1507/06/2004 10:07:41 AGS Scale 1:50 Sheet 1 of 1