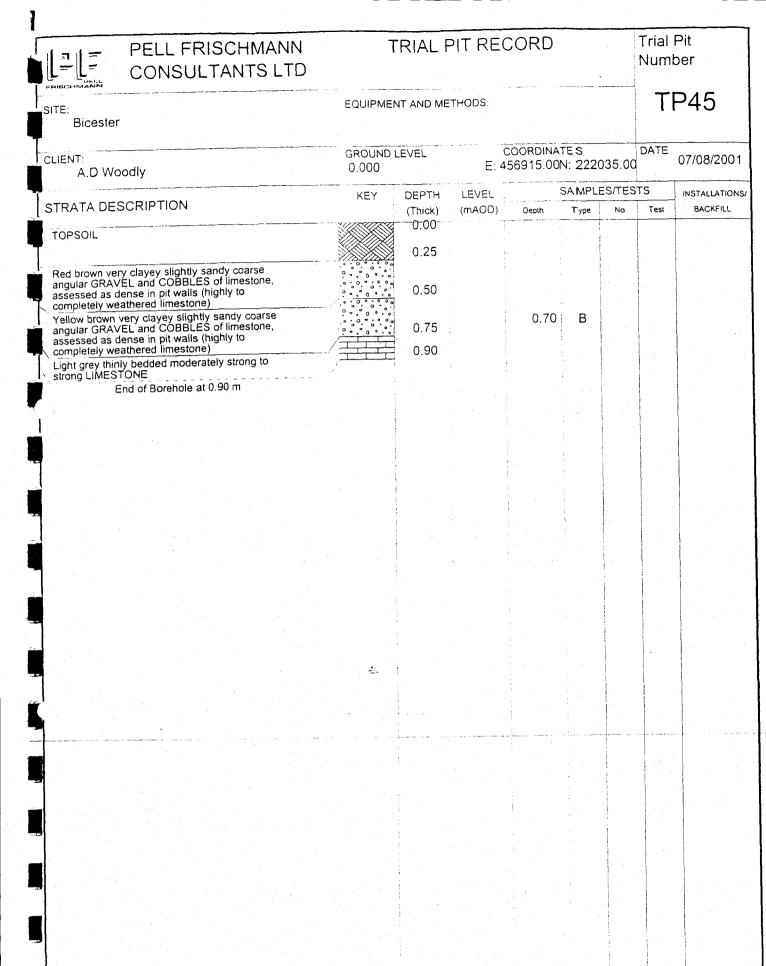


THE CHIMANN	PELL FRISCHMANN CONSULTANTS LTD	1	Trial Pit Number									
ITE: Bicester		EQUIPMENT AND METHODS:							TP44			
LIENT: A.D Woo	dly	GROUND 0.000	EVEL		COORDINA 456947.00		200.00	DATE	07/08/2001			
STRATA DESC	CRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)	i consumeration	SAMPLE Type	ES/TES No	TS Test	INSTALLATIONS BACKFILL			
TOPSOIL			0.00									
assessed as der completely weat	clayey slightly sandy coarse L and COBBLES of limestone, nse in pit walls (highly to thered limestone)		0.55		0.50	D						
En	d of Borehole at 0.55 m				1							
		:			1							
•					!							
						:						
	and the second second					! :						
	0.5m depth		* *									
	Arsenie 2009/kg	rok.		:								
	Chronium 33 "	OK-			!							
	Copper 16 or	ov.				:						
		OK										
	CINC DI	OK .										
	Sulphate 618 "	OK.			i : :	•						
		<u>.</u>										
The second of th	e <u>a la composição de l</u>	a para servici e servicione	I I			.1						
							1					
			i .									
				*								
							j.					
Remarks			A COLUMN TO THE WAY					Logge	d by Checked			
	ountered, trial pit stable throughout, unable to progre	ss below 0.55m (possib	le strong lime	slone bedrock o	r limestone boul	ders)		Scale 1:25	Sheet 1			
						:		Figu	re			



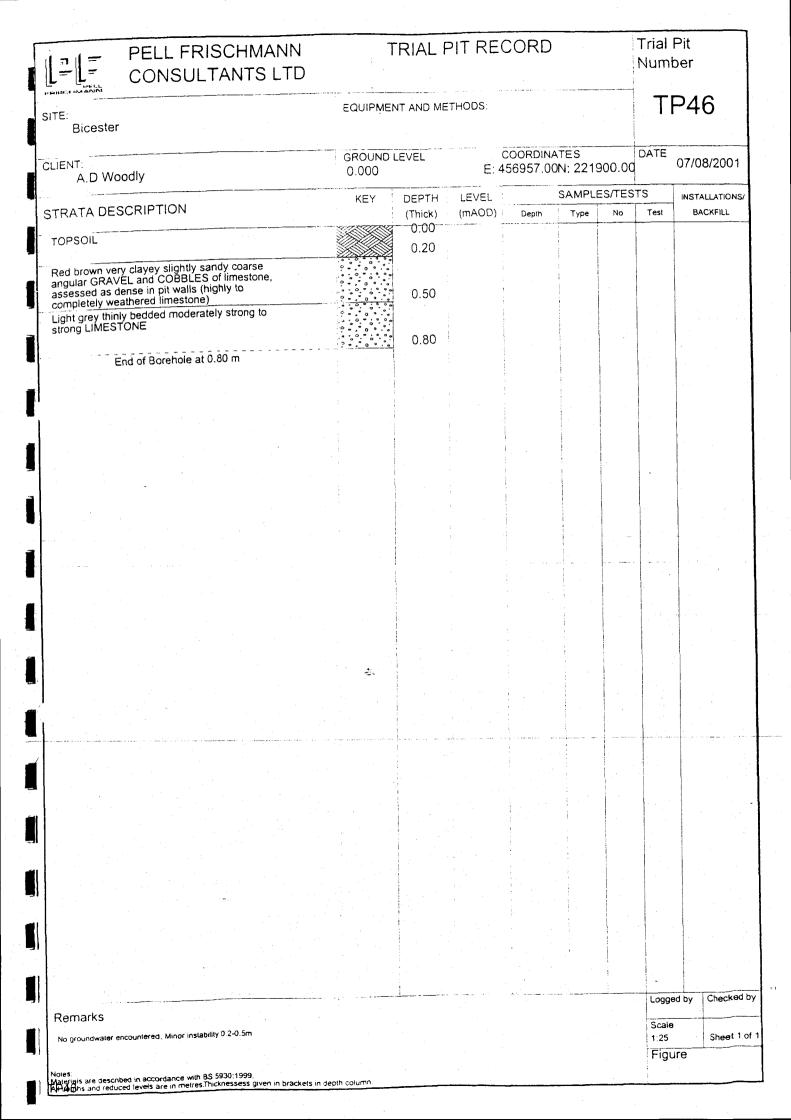
No groundwater encountered, trial pit stable throughout, unable to progress below 0.9m, permeability test carried out

Logged by Scale Sheet 1 of 1 1:25

Checked by

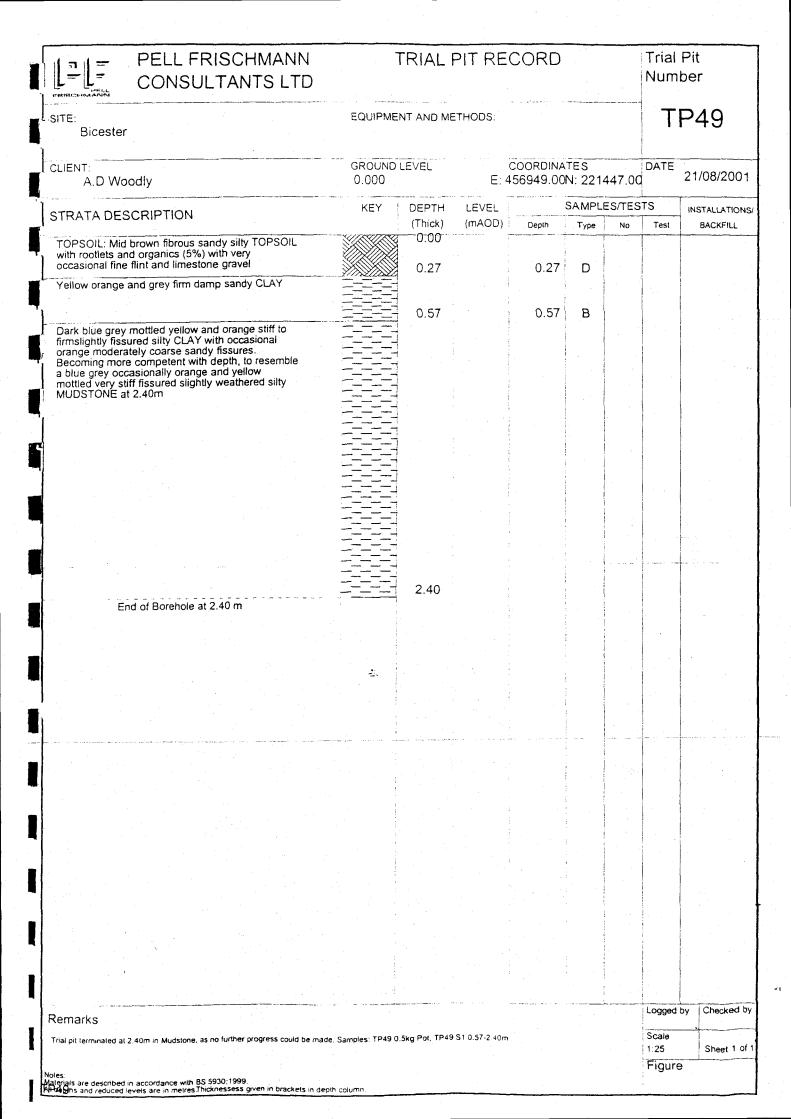
Figure

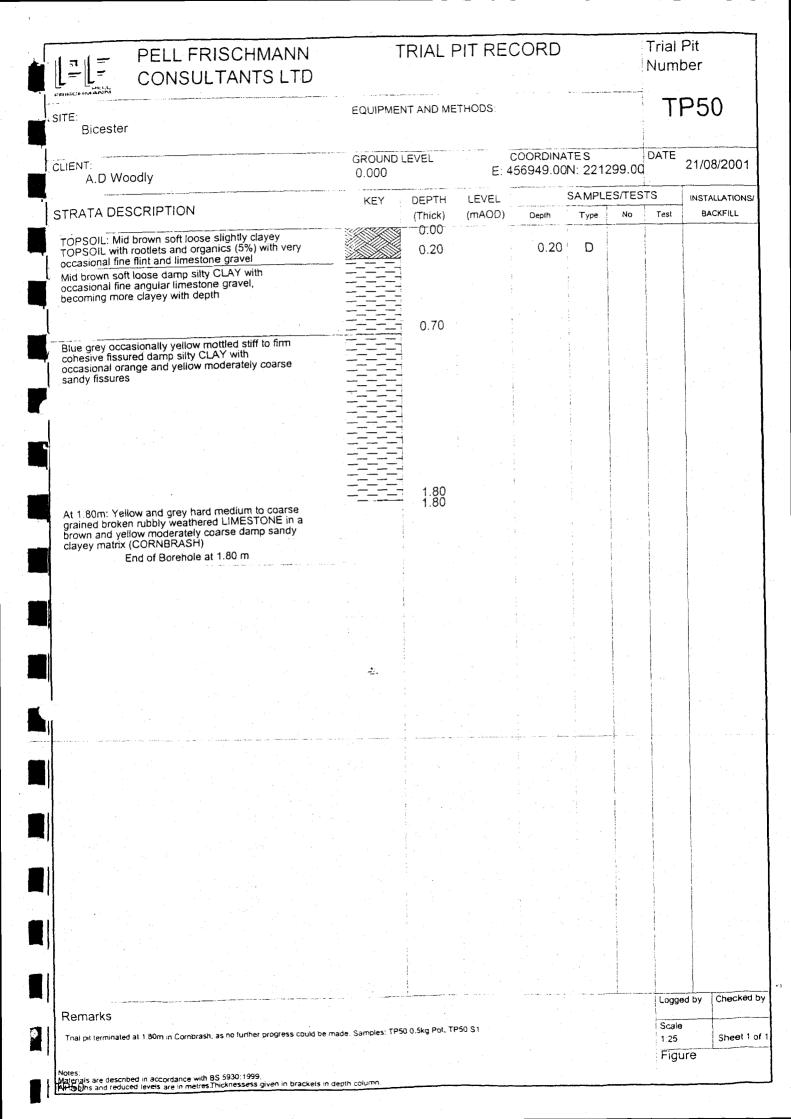
lotes. Jaierials are described in accordance with BS 5930:1999. HHA ohs and reduced levels are in metres.Thicknessess given in brackets in depth column

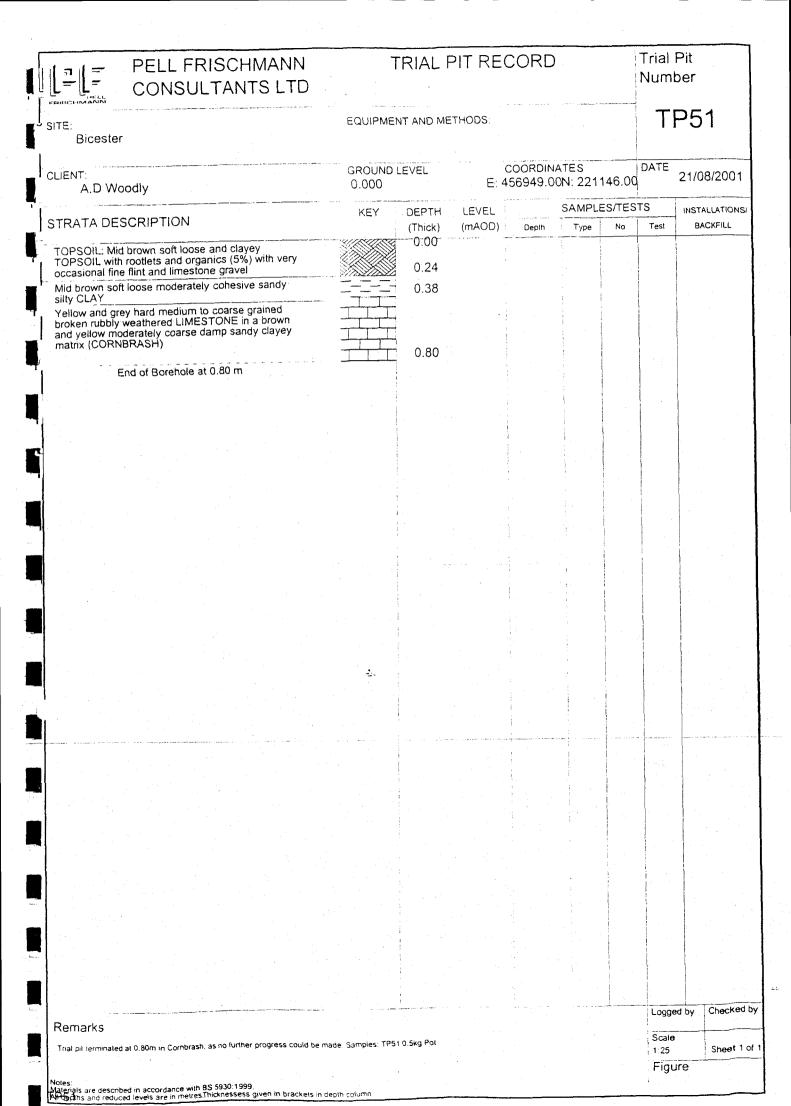


PELL FRISCHMANN CONSULTANTS LTD	T	KIAL F	PIT RE(JOKD		,	Trial P Numb	
BCHMANN E:	EQUIPMEN	NT AND ME	THODS:				TF	47
Bicester	GROUND I	_EVEL		COORDINA	TES	747.00	DATE	21/08/2001
IENT: A.D Woodly	0.000		E: 4	56926.00	N: 2217 SAMPLE		1	
TRATA DESCRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)	Depth	Type	No No	Test	INSTALLATION: BACKFILL
(Laborary TOPSOIL with		0.00			-			
OPSOIL: Mid brown soft clayey 107 3012 mm potlets and organics (5%) with very occasional ne flint and limestone gravel		0.30		0.30	D			
Aid brown soft moderately cohesive sandy CLAY					Ì			
		0.60						
fellow and grey hard medium to coarse grained broken rubbly weathered LIMESTONE in a brown and yellow moderately coarse damp sandy clayey matrix (CORNBRASH)		1.00		1.00	W			
End of Borehole at 1.00 m				:				
		: : : :	1 - 4		1			
	water							
0.3m depth	0.9a							
GLEA Arsenie Doing Mg >00								
Chromium 63 4 OK					1			
Michael 34 11 OK				:				
30 " FG 25.8"				!				
Julphate 636: * 01	45 m	3/K						
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		1						
	The second secon			a many cold many many to the cold many or				
				• •				
		disk.						
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						1		
	\$		# * *			İ		
							Logge	d by Check
Remarks Water sample taken at 1,00m after approx. 30 mins. Trial pit terminated at 1.	00m in Cornbrash	n, as no further	progress could t	pe made. Sampl	es: TP51 0	Skg Pol,	1L waterston	ple Sheet
Water sample taken at 1,00m after approx, 30 mins. That pic terminated at 1,							Figu	ге

PELL FRISCHMANN CONSULTANTS LTD	7	RIAL F		Trial Pit Number						
E	EQUIPME	EQUIPMENT AND METHODS:								
Bicester ENT:		GROUND LEVEL COORE			ORDINATES 6949.00N; 221601.0			21/08	21/08/2001	
A.D Woodly		DEDTU	LEVEL		SAMPL		L	INSTAL	LATIONS	
RATA DESCRIPTION	KEY	DEPTH (Thick)		Depth	Туре	No	Test		KFILL	
		0:00								
OPSOIL: Mid brown soft loose clayey TOPSOIL ith rootlets and organics (5%) with very casional fine flint and limestone gravel		0.30		0.30	D					
id brown and yellow grey mottled firm to stiff amp sandy gravelly CLAY		0.60	1							
has grow firm to stiff cohesive silty CLAY with		0.00								
lue grey firm to stiff cohesive silty CLAY with oarse white and orange sand lenses			1	1						
	===	1.00		1.00	В					
fellow and grey white hard medium to coarse rained broken rubbly weathered LIMESTONE in a grown and yellow moderately coarse damp iron rich andy matrix (CORNBRASH)					· :					
rown and yellow moderately coarse daily items andy matrix (CORNBRASH)	-1-1			1	•					
		† · · · · · · · · · · · · · · · · · · ·							٠.,	
		1.70			i					
End of Borehole at 1.70 m					1 -					
				1				1 -		
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		1	:							
	· .				-1 -1 -1 -1					
	<u> </u>									
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			and the second				Logg	ged by	Check	
Remarks		248 0 Elva (201	TP48 \$11 0-1 7	70m			Scal	е		
Trial pit terminated at 1.70m in Cornbrash, as no further progress could be	e made. Samples: T	248 U.5Kg POI,	,, ,, ,, (1, 0*1,1				1:25	ure	Sheet	







PELL FRISCHMANN CONSULTANTS LTD		Trial Pit Number							
E: Bicester	EQUIPMEN	IT AND ME	THODS				TF	P52	<u>)</u>
ENT: A,D Woodly	GROUND L 0.000	EVEL		00RDINA 56949.00			DATE	21/08	/2001
	KEY	DEPTH	LEVEL		SAMPL	ES/TES	TS	INSTAL	LATIONS/
RATA DESCRIPTION		(Thick)	(mAOD)	Depth	Туре	No	Test	BAC	KFILL
OPSOIL: Mid brown soft cohesive silty clayey OPSOIL with rootlets and organics (5%)		0.25		0.25	D				
ellow and grey mottled stiff to very firm cohesive amp sandy CLAY, becoming more clayey with epth, with very occasional fine angular limestone nd flint gravel									
		•							
		1.40		1.40	В				
rellow and grey medium to coarse damp sandy clayey GRAVEL. Strata becomes wet with depth		1.70							
		2.00 2.00		2.00	W				
At 2.00m: Yellow and grey hard medium to coarse grained broken rubbly weathered LIMESTONE in a brown and yellow moderately very coarse gritty damp sandy clayey matrix (CORNBRASH) End of Borehole at 2.00 m					:				
0.25m depth									
	OK +				1				
Capper 18 "	OK .								
Nickel 29	01								to to security 1971 1971
	OK								
				1					
			1	:				- \.	
		1		•			-		
		1 - - 			:		Logg	ed by	Checke
Remarks			further press	could be made	Samples	TP52 0 5			DOm and
RemarkS At 2,00m a 1L water sample was taken after approx. 5 mins, Trial pit termin	nated at 2,00m in Co	rnbrash, as no	rurtner progress	s could be made	z, Samples	. 11 32 0.3	1:25		Sheet 1

PELL FRISCHMANN CONSULTANTS LTD	T	RIAL F	PIT RE	CORD			Pit per	
LSITE: Bicester	EQUIPMEN	NT AND ME	THODS				TF	² 53
CLIENT: A.D Woodly	GROUND I 0.000	LEVEL	E: 4	COORDINA 157092.00	TES N: 222	486.00	DATE	07/08/2001
STRATA DESCRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)		SAMPLI Type	ES/TES	TS Test	INSTALLATIONS/ BACKFILL
TOPSOIL		0.00 0.20		0.10	D			
Yellow brown very sandy clayey course angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, assessed from pit walls as dense (highly to completely weathered limestone), firm red brown clay lens (max 0.2m thick) noted in N. W face of the pit between 0.2m and 0.4m in depth.		0.70		0.30	D			
End of Borehole at 0.70 m								
			-					
	· 설	· · · · ·				10 to		
					F			
							Logged	by Checked by
Remarks NO GROUNDWATER ENCOUNTERED Notes: Materials are described in accordance with BS 5930:1999. Althoration and reduced levels are in metres. Thicknessess given in brackets in dep							Scale 1:25 Figur	Sheet 1 of 1

PELL FRISCHMANN	TRI	AL PIT RE	CORD		Trial Numl	
CONSULTANTS LTD	EQUIPMENT AI	ND METHODS:			T	P54
Bicester	EQUIPMENT A				1 1 1 1 1	
	GROUND LEVE	E:	COORDINAT 457242.00	ES N: 222435	DATE .00	07/08/2001
IT: A.D Woodly	0.000	PTH LEVEL	<u> </u>	SAMPLES/	ESTS	INSTALLATIONS/
ATA DESCRIPTION	· (T	hick) (mAOD)	Depth 0.10	.,,,,,	lo Test	
PSOIL		0.25				
t to firm yellow and grey mottled very sandy AY with much coarse angular gravel of estone.						
			0.80	D		
	 	1.20 1.25				
hite and light grey very thinly bedded moderately highly weathered moderately strong to strong MESTONE		1.20				
highly weathered moderately strong to MESTONE End of Borehole at 1.25 m						
O.Im dopth			:		-	
Arsonia acrossity of						
Chromiten 36 " Of	<u>(.</u>					
100 - 1 16 1 bool 1 - 101	C. ,					
Copper 17 " 190	¥.			1 · ·		
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		<u> Maradan de la proposició</u>		and a second		Logged by Check
Remarks						Scale 1:25 Shee
No groundwater encountered, trial pit stable throughout						Figure

PELL FRISCHMANN CONSULTANTS LTD	T	RIAL	PIT RE	CORD		4	Trial F Numb	
E: Bicester	EQUIPMEN	IT AND ME	THODS:				TF	P55
IENT: A.D Woodly	GROUND L 0.000	.EVEL		COORDINA 157119.00		281.00	DATE	07/08/2001
The state of the s	KEY	DEPTH	LEVEL		SAMPLE	ES/TES	TS	INSTALLATIONS
FRATA DESCRIPTION	-	(Thick)	(mAOD)		Туре	No	Test	BACKFILL
OPSOIL		0.00	•	0.10	D			
reliow brown very sandy clayey course angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, assessed from pit walls as dense (highly to completely weathered limestone)	2	0.60						
dense (highly to completely weathered limestone) Yellow slightly sandy coarse angular GRAVEL and COBBLES of limestone (highly to completely weathered limestone)		0.90		i T		10 to		
End of Borehole at 0.90 m	0 0 4 . 6	0.90						
O-1 in depth							-	
					1			i
CLEA Arsenie Dimolky > 20								· .
Company Office 33								
The standard of								
Copper 18 mm OK					:			
Midrel 33 di OK								
Zine 75 W OF		! 	1	1 · · · · · · · · · · · · · · · · · · ·	:	ì		
Sulphate 696 n DX		1			* .			
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							and the second second	
		. 					Logge	d by Checke
Remarks			The second second	~			Scale	
No groundwater encountered, pit unstable between 0.3-0.9m							1:25	Sheet

Trial Pit TRIAL PIT RECORD PELL FRISCHMANN Number CONSULTANTS LTD **TP56** EQUIPMENT AND METHODS: SITE: Bicester DATE COORDINATES GROUND LEVEL 07/08/2001 E: 457100.00N: 222101.0d CLIENT 0.000 A.D Woodly SAMPLES/TESTS INSTALLATIONS/ LEVEL DEPTH KEY STRATA DESCRIPTION Test BACKFILL Νo (Thick) (mAOD) Depth Type 0.00 TOPSOIL 0.25 Red brown very sandy clayey coarse angular GRAVEL and COBBLES of limestone, (highly to completely weathered limestone) 0.50 Yellow brown very sandy clayey course angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, (highly to completely weathered limestone) В 0.70 1.00 End of Borehole at 1.00 m Checked by Logged by Remarks No groundwater encountered, that pit unstable at 0.25-1m, unable to progress below 1m due to cobbles and boulders, permeability test undertaken Scale Sheet 1 of 1 1:25 Figure Notes: Materials are described in accordance with BS 5930:1999. Alt tophs and reduced levels are in metres.Thicknessess given in brackets in depth column

PELL FRISCHMANN CONSULTANTS LTD	T		Trial Pit Number							
SITE: Bicester	EQUIPMEN	IT AND ME	THODS			-	TP57			
CLIENT:	GROUND L 0.000	EVEL		COORDINA .00	TES V: 0.00	D	ATE 16	6/08/2001		
A.D Woodly	KEY	DEPTH	LEVEL		SAMPLES	/TESTS	S IN	STALLATIONS/		
STRATA DESCRIPTION		(Thick)	(mAOD)	Depth	Туре	No	Test	BACKFILL		
TOPSOIL		0.00		0.30	D					
Stiff orange brown CLAY with much coarse angular limestone gravel		0.45	:							
Yellow brown very sandy clayey course angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone. (highly to completely		0.68			AMPLIANCE OF THE PARTY OF THE P					
weathered limestone) End of Borehole at 1.80 m			<i>.</i>							
					:					
0.3m depth										
CLEA Arsenia 49 mg/kg >	90				STATE OF STA					
Chromium 66 ; "	SVK.						-			
Wickel 48 "	OK -	:								
Zine 89 11	ok									
Sulphate 48. ".	Off.									
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Remarks							Scale 1:25	Sheet 1 of		
							Figur			
Notes: Materials are described in accordance with BS 5930-1999. Alterials and reduced levels are in inefres. Thicknessess given in brackets.	in depth column.	·					1 .			

PELL FRISCHMANN CONSULTANTS LTD	TF	RIAL P	IT REC	ORD			Trial Num		
-MARIN	EQUIPMEN	r and me		and the second s			T	P58	
Bicester					*FC		DATE		
NT:	GROUND LI 0.000	EVEL	E: 0.	• -	N: 0.00			16/08/2	2001
A.D Woodly	KEY	DEPTH	LEVEL	and the second second	SAMPL	ES/TE	STS	INSTALLA	i i
RATA DESCRIPTION		(Thick) 0.00	(mAOD)	Depth		140	1031		
DPSOIL .		0.25		0.20	D				
ed brown very sandy clayey coarse angular RAVEL and COBBLES of limestone, (highly to Impletely weathered limestone)		0.60							
ellow brown very sandy clayey course angular RAVEL and COBBLES (up to 150mm x 150mm x 0mm) of limestone, (highly to completely eathered limestone)		1.50							
End of Borehole at 1.80 m									
			•			1			
o so death									
OLEA Arsone Dinglikg >	. 115 an	: :							
CLEA Arsonic 21 mg/89 /	0 &								
Chromium 57 0	e e e e e e e e e e e e e e e e e e e					1			
Copper 29 "	OK &								
Nieural 36 vi	- OX					-			
Ziric 135									
Sulphate 365 "	<u>ok</u>	1 · ·	A. M. L.	and a company of the second			- 7		
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								Logged by	Checke
Remarks								Scale 1:25 Figure	Sheet

PELL FRISCHMANN CONSULTANTS LTD	7	TRIAL F	PIT RE	CORD			Trial Numb	
SITE: Bicester	EQUIPME	TP59						
CLIENT:	GROUND 0.000	LEVEL		COORDINA 157100.00		591.00	DATE	21/08/2001
STRATA DESCRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)		SAMPLE Type	ES/TES	Test	INSTALLATIONS BACKFILL
TOPSOIL: Dark brown soft clayey TOPSOIL and organics (5%)		0.00 0.25						
Mid brown and grey mottled moderately firm cohesive damp sandy CLAY, becoming sandier with depth				0.35	D			
Yellow and brown coarse grained moderately weak loose slightly clayey gravelly SAND with medium coarse angular flint and limestone gravels, becoming more clayey with depth		0.60						
		1.80 1.80		1.80	W			
At 1.80m: Yellow and grey hard medium to coarsegrained angular broken rubbly weathered LIMESTONE cobbles, in a brown and yellow weak damp sandy clayey matrix (CORNBRASH) End of Borehole at 1.80 m								
Chromism 42 mg/kg	ok j							
Copper 20 4	OIC	· · · · · · · · · · · · · · · · · · ·			:	ļ	1.	
Michal 29 c	OK :		•					
Wichel 29 4	OK :							
Michal 39 c								
Michal 29 "	Oil							
Michel 39 4	Oil							
Wievel 29 4	Oil						Logged	t by Checked

PELL FRISCHMANN CONSULTANTS LTD												
SITE: Bicester	EQUIPME	NT AND ME	ETHODS			TP59A						
CLIENT: A.D Woodly	GROUND 0,000			COORDINA 157100.00		447.00	DATE	21/08/2001				
STRATA DESCRIPTION	KEY	DEPTH	LEVEL (mAOD)			ES/TES		INSTALLATIONS/ BACKFILL				
		(Thick)	(MAOD)	Depth	Туре	No	Test	BACKFILL				
TOPSOIL: Mid brown soft loose slightly clayey TOPSOIL with rootlets and organics (5%) with very occasional fine flint and limestone gravel		0.30		0.30	D			·				
Mid brown soft loose damp clayey SAND with occasional fine angular limestone gravel, becoming more clayey with depth												
		1.00	· · · · · · · · · · · · · · · · · · ·	1.00	В	-						
Yellow, grey and white hard medium to coarse jrained broken rubbly weathered LIMESTONE cobbles and boulders in a brown and yellow dmp sandy clayey matrix (CORNBRASH)												
sandy clayey matrix (CORNBRASH)					· ·							
				: :		-						
	1111			:								
				1								
		2.40										
End of Borehole at 2.40 m					1							
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And the second s	: 	er særen er er		· •								
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Remarks		and the second s					Logged					
At 2.40m water encountered but not enough for a 1L sample. Trial pit terminate	ed at 2.40m in Corn	brash, as no fu	irther progress o	could be made.	Samples:	ΓP59A 0.5I	1.23	211661 1 01				
Notes: Materials are described in accordance with BS 5930:1999. Materials and reduced levels are in metres. Thicknessess given in brackets in de			•				Figur	е				

Trial Pit TRIAL PIT RECORD PELL FRISCHMANN Number CONSULTANTS LTD TP60 EQUIPMENT AND METHODS SITE: Bicester COORDINATES DATE GROUND LEVEL CLIENT: 21/08/2001 E: 457100.00N: 221300.00 0.000 A.D Woodly SAMPLES/TESTS INSTALLATIONS/ DEPTH LEVEL STRATA DESCRIPTION **BACKFILL** (Thick) (mAOD) Depth 0.00 TOPSOIL: Mid brown soft cohesive silty clayey TOPSOIL with rootlets and organics (5%) D 0.34 0.34 Mid brown and grey mottled stiff to very firm cohesive damp sandy CLAY, becoming more clayey with depth 0.90 Red and orange mottled soft to firm cohesive damp ilty CLAY with occasional fine angular limestone At 1.50m: Yellow and grey hard medium to coarse grained broken rubbly weathered LIMESTONE in a brown and yellow moderately very coarse gritty damp sandy clayey matrix (CORNBRASH) End of Borehole at 1.50 m 0.3am depth Arsenic 33 mg/kg > 20 CLEA Chronium 54 m Copper 28 u ~~\Z. Michel 39 4 OK Zinc 105 -OV Sulphate 865 " $\bigcirc \lor \subset$ Checked by Logged by Remarks Scale Trial pit terminated at 1,50m in Cornbrash, as no further progress could be made. Samples: TP60 0,5kg Pot

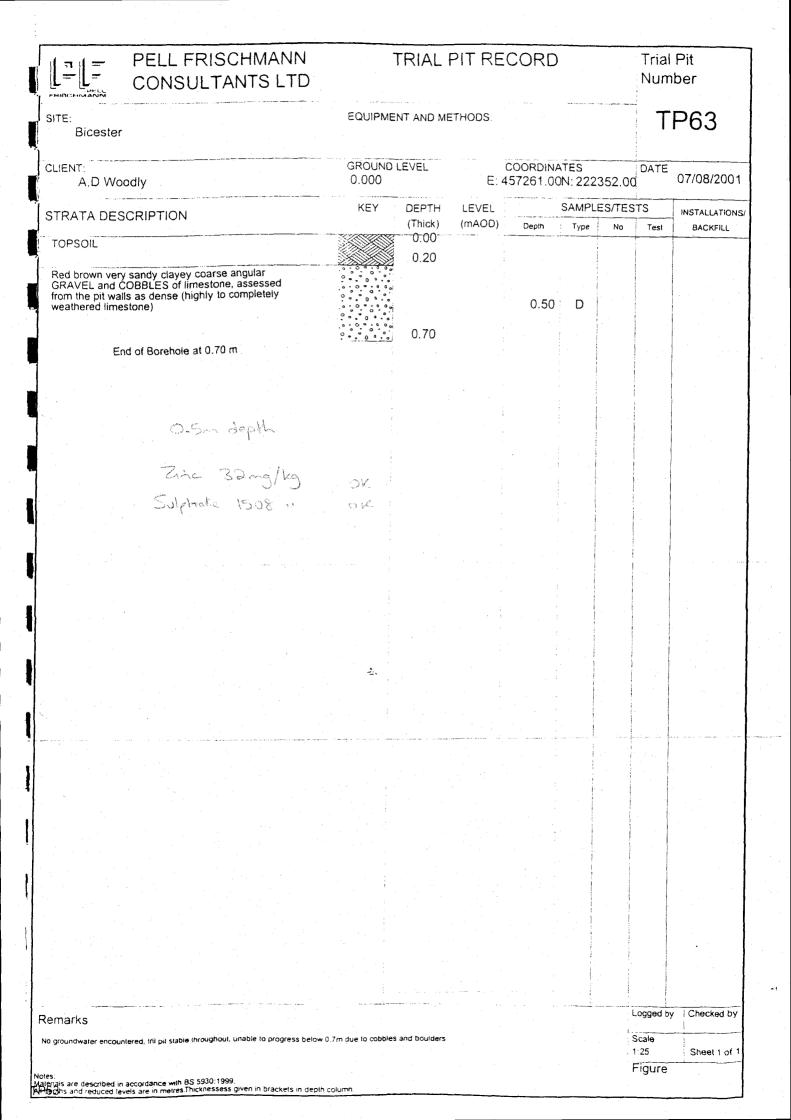
ioles. Algrials are described in accordance with 8S 5930:1999. IP 150hs and reduced levels are in metres.Thicknessess given in brackets in depth column

Sheet 1 of 1

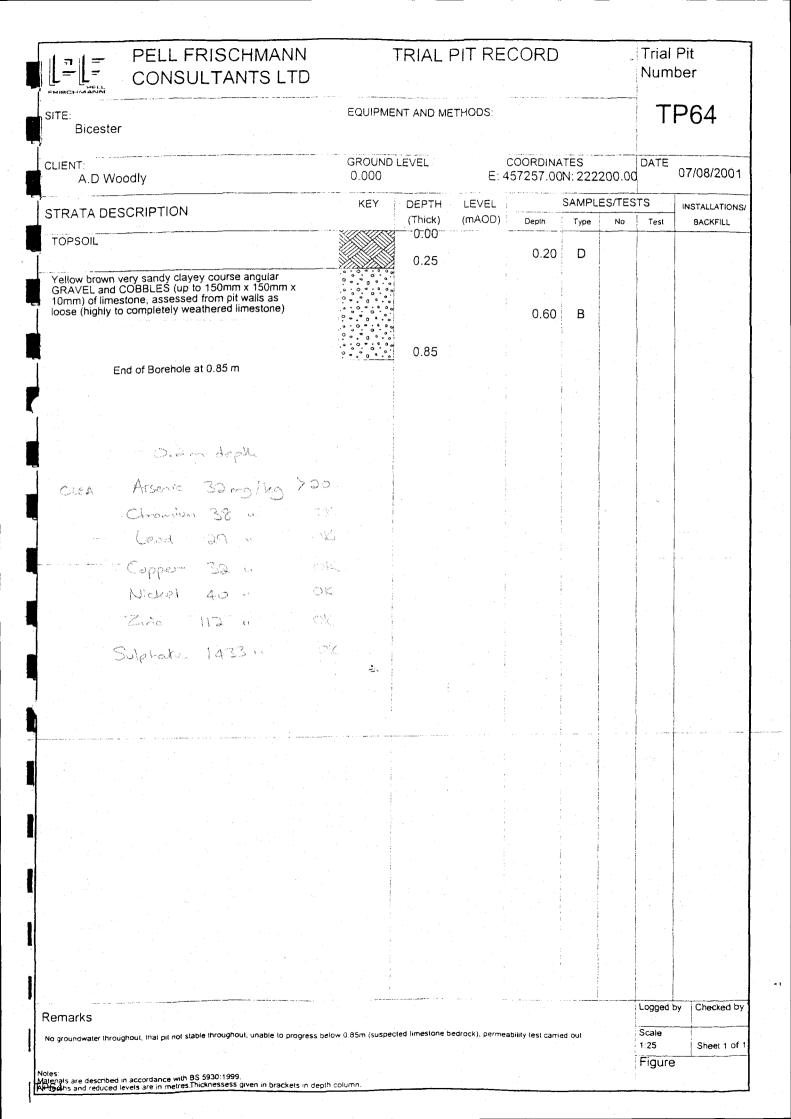
1:25 Figure

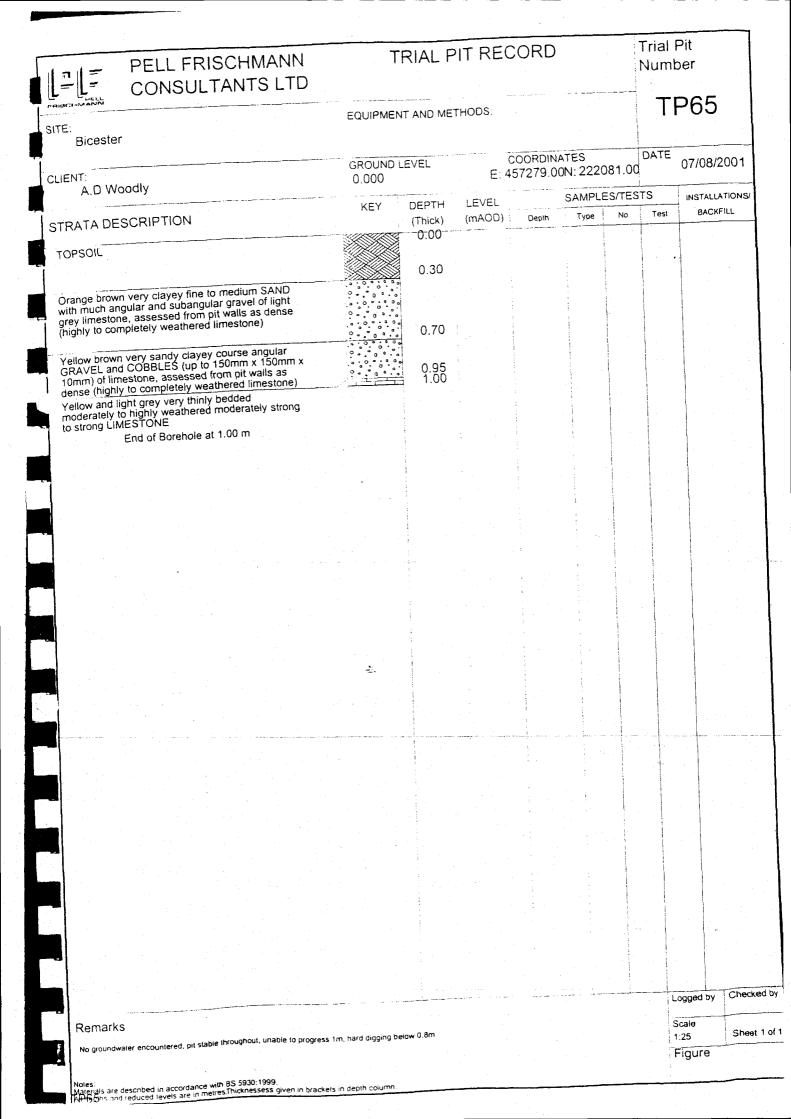
PELL FRISCHMANN CONSULTANTS LTD	T	RIAL F	PIT REC	CORD	· · · · · · · · · · · · · · · · · · ·		Trial Numl	ber		
Bicester	EQUIPMEN	T AND ME	THODS:				T	P61		
ENT: A.D Woodly	GROUND L 0.000	EVEL	E: 4	COORDINA 57100.00	ES 1: 2213	00.00	DATE 21/08		3/2001	
RATA DESCRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)	Depth	Type	S/TES	Test	-{	LATIONS KFILL	
PSOIL: Mid brown soft cohesive silty calyey PSOIL with rootlets and organics (5%)		0.00		0. 26	D					
ellow and grey mottled stiff to very firm cohesive imp sandy CLAY, becoming more clayey with pth, with very occasional fine angular limestone id flint gravel. Gravel content increases with		0.50		0.50	В		-			
id flint gravel. Gravel content increases with epth ellow and grey hard medium to coarse grained oken rubbly weathered LIMESTONE in a grey and ellow moderately very coarse damp sticky sandy ayey matrix (CORNBRASH)										
End of Borehole at 1.20 m		1.20			ı				٠	
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	!	<u>.</u>			1					
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				and the second second second						
		<u> </u>		e de la companya de l		-	Log	ged by	Check	
RemarkS Trial pil terminated at 1.20m in Corribrash, as no further progress could be	made, Samples: TP5	561 0.5kg Pat	TP61 S1 0.5-1.	20m			Sca 1:25		Sheet	

EBHEGGMANN	PELL FRISCHMANN CONSULTANTS LTD		TRIAL	PIT RE	CORD	'		Trial Numl	
SITE: Bicester		EQUIPME	NT AND MI	ETHODS:				TI	² 62
CLIENT:	odly	GROUND 0.000	LEVEL		COORDINA 457073.00		1078.00	DATE	21/08/2001
STRATA DES	CRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)			ES/TES		INSTALLATIONS/
TOPSOIL: Mid to TOPSOIL with representations of the control of the	brown moderately cohesive clayey ootlets and organics (5%) with very flint and limestone gravel		0.00	(MACC)		Type	No	Test	BACKFILL
Mid brown, yello	ow and orange soft to firm esive damp sandy CLAY with angular limestone gravel		0.23		0.25	D			
				: :					
Blue grey occasi	ionally yellow mottled stiff to firm d damp silty CLAY with		0.83	:	0.83	В		The state of the s	(C)
 occasional orang 	ge and yellow moderately coarse and small (<1m) dark brown and damp iron rich sand lenses								
							,		
					. 1			-	
					:		and implement of the control of the		
				·					
mottled very stiff MUDSTONE with coarse sandy fiss			2.30 2.30						
End	of Borehole at 2.30 m								
		2.							
							And the second second		
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		2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5							
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Remarks		مريكس دين أن يم مريكس دين	· · · · · · · · · · · · · · · · · · ·				Lo	gged by	Checked by
	m in Mudstone, as no further progress could be made. §	Samples: TP62 0.5kg	Pot, TP62 S1	0.83-1.8m				ale	Ch
ates: असाखांs are described in ac	cordance with 8S 5930:1999. s are in metres.Thicknessess given in brackets in depth o						: 1:: Fi	igure	Sheet 1 of 1



PELL FRISCHMANN CONSULTANTS LTD	7	TRIAL I	PIT RE	CORD			Trial F Numb	
SITE: Bicester	EQUIPME	NT AND ME	ETHODS:				TF	P63A
CLIENT: A.D Woodly	GROUND I	LEVEL		COORDINA 57311.00		289.00	DATE	07/08/2001
STRATA DESCRIPTION	KEY	DEPTH	LEVEL		SAMPL	ES/TES	TS	INSTALLATIONS/
TOPSOIL		(Thick) 0.00 0.24	(mAOD)	Depth	Туре	No	Test	BACKFILL
Orange brown very clayey fine to medium SAND with much angular and subangular gravel of light grey limestone, assessed from pit walls as dense (highly to completely weathered limestone)		0.70		0.50	В			
Red brown very sandy clayey coarse angular GRAVEL and COBBLES of limestone, assessed from the pit walls as dense (highly to completely weathered limestone) Yellow brown very sandy clayey course angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, assessed from pit walls as dense (highly to completely weathered limestone)		1.00		1.00	В			
End of Borehole at 1.20 m.								•
		· · · · · · · · · · · · · · · · · · ·						
								* *** * *** * ***
	± 1.00 mm = 1.0							
			: :			e in the second		
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							Logge	Charled
Remarks		les and houlds	re			-	Logged by Scale	Checked by
No groundwater encountered, trial pit stable throughout, unable to progress below	v i.∠m due yo cobb	ies and coulde	13				t:25	Sheet 1 of 1
Notes: Malerials are described in accordance with BS 5930:1999. Arthorials and reduced levels are in metres.Thicknessess given in brackets in depth	column.					. !	Figure	





PELL FRISCHMANN CONSULTANTS LTD		TRIAL	PIT RE	CORD		- Comment	Trial F Numb	
ITE: Bicester	EQUIPMI	ENT AND MI	ETHODS:	د معاده س ند دید بید د			TF	P66
LIENT: A.D Woodly	GROUNG 0.000	DLEVEL		COORDINA 457190.00			DATE	07/08/2001
	KEY	DEPTH	LEVEL		SAMPLE	S/TES	TS	INSTALLATIONS/
TRATA DESCRIPTION		(Thick)	(mAOD)	Depih	Туре	No	Test	BACKFILL
TOPSOIL		0.20		0.20	0			
Orange brown very clayey fine to medium SAND with much angular and subangular gravel of light grey limestone, assessed from pit walls as dense (highly to completely weathered limestone)		0.40		0.30	В			
(highly to completely weathered limestone) Stiff yellow brown very sandy CLAY with much angular medium to coarse gravel of limestone			:					
		0.95 1.00		0.80	В			
Yellow and light grey very thinly bedded moderately to highly weathered moderately strong to strong LIMESTONE		1.00	:		-			
End of Borehole at 1.00 m								
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			1		; ; ;			
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				*				
Remarks			1				Logged	by Checked
No groundwater encountered, trial pit stable throughout							Scale 1:25	Sheet 1 o
							Figure	

PELL FRISCHMANN CONSULTANTS LTD		TRIAL I	PIT RE	CORD)		Trial I Numb	
SITE: Bicester	EQUIPME	NT AND ME	THODS:				TF	P67
CLIENT: A.D Woodly	GROUND 0.000	LEVEL	E: 0	COORDIN 0.00	ATES N: 0.00)	DATE	16/08/2001
STRATA DESCRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)	Depth	SAMPL	ES/TES	TS	INSTALLATIONS/ BACKFILL
TOPSOIL		0.30						
Orange brown very clayey fine SAND		0.00	· · · · · · · · · · · · · · · · · · ·	0.50	В			:
Stiff orange brown sandy CLAY with much coarse		0.70				-		
Stiff orange brown sandy CLAY with much coarse angular limestone gravel								
			-					
						and the second s		
				:	f .			
			· .		2 2 2			
End of Borehole at 2.40 m		2.40						
				:				
	2							
						-		:
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		*		: 			Logged	by Checked by
Remarks							Scale 1:25	Sheet 1 of 1
Notes: Malegiais are described in accordance with BS 5930:1999. Malegiais and reduced levels are in metres.Thicknessess given in brackets in dec							Figure	1

PELL FRISCHMANN CONSULTANTS LTD	٦	RIAL F	PIT RE	CORD						
re: Bicester	EQUIPME	NT AND ME	THODS:				TF	P68		
IENT: A.D Woodly	GROUND 0,000	LEVEL					DATE	16/08/2	2001	
TRATA DESCRIPTION	KEY	DÉPTH (Thick)	LEVEL (mAOD)			T	S Test	INSTALLA BACKF		
OPSOIL		0.00	(11/1/00)	Сери						
		0.30								
MADE GROUND stiff grey slightly silty clay					1					
	SULTANTS LTD EQUIPMENT AND METHODS TP68 GROUND LEVEL COORDINATES E 0.00 N° 0.00 TION KEY DEPTH LEVEL SAMPLES/TESTS METAL (mAOD) Death Type Ne Teel back 0.000 0.30 prey slightly slifty clay 1.50 1.50 D 1.50 D									
	SOUPMENT AND METHODS TP68 GROUNDLEVEL COORDINATES 16/08 GROUNDLEVEL COORDINATES 16/08 FI GOVERNMENT AND METHODS 11/00 00 N° 0.00 E GOVERNMENT ST NESTMAN (Thick) (rNAOD) Dean Tries Nest NestMan (Thick) (rNAOD) Dean Tries NestMan (Thick) (rNAOD) Dean Tries NestMan (Thick) NestMan (T									
	CONSULTANTS LTD EQUIPMENT AND METHODS: TP68 addy CRIPTION EQUIPMENT AND METHODS: Date 16/07 EQUIPMENT AND METHODS: Date 16/07 EQUIPMENT AND METHODS: Date 16/07 EQUIPMENT AND METHODS: EQUIPMENT AND METHODS: Date 16/07 InnADD:									
		ENT AND METHODS TP6 COORDINATES E: 0.00 N: 0.00 DEPTH LEVEL SAMPLES/TESTS INST (Thick) (mAOD) Depth Type No Test 8 1.50 1.50 D 1.60 1.70 Logged by Scale								
MADE GROUND coarse gravel of very dark grey blinker like material in an orange brown sand matrix. Possibly limestone with calcite leached										
54.4°7							# · · · · · · · · · · · · · · · · · · ·			
GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, (highly to completely	1 2 1	:								
End of Borehole at 2.40 m		· :		,						
								-		
1-5m depth										
	v 20									
The same of the sa	OK. Ł	•								
		, programme in the second		·		ļ.,			estas same.	
Zihe 271 "						and the second s				
Suiphala 1402) "										
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	·		in the state of the		an tagair na min		Logge	ed by C	hecked	
* Administration of a Minimum and a second of the second o								i		
Remarks									heet 1	

SITE: Bicester CLIENT: A.D Woo		and the second s							:		
CLIENT: A.D Woo				EQUIPMEN	NT AND ME	ETHODS:		The second section is a second section of the second section is a second section in the second section is a second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the second section in the section is a section in the section in the section in the section in the section is a section in the section in the section in the section is a section in the section in the section in the section in the section in the section is a section in the section		TI	P69
, ,,	odly			GROUND L 0.000	_EVEL		COORDIN).00	ATES N: 0.00		DATE	16/08/2001
STRATA DESC			Linear and property of the control o	KEY	DEPTH (Thick)	LEVEL (mAOD)	Depth	SAMPLE Type	S/TES	TS Test	INSTALLATIONS/
TOPSOIL	<u> </u>				0.00						· · · · · · · · · · · · · · · · · · ·
Vallow brown VE	ery sandy clayey (course angular			0.34						
GRAVEL and Co 10mm) of limest weathered limes	OBBLES (up to 1 tone, (highly to costone)	50mm x 150mm impletely	. X	0 0 0 0	0.60						
End	d of Borehole at 2	2,40 m									
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granda Service							• -				
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	en en en en en en en en en en en en en e			·				en en en en en en en en en en en en en e	<u></u>	Logge	d by Checked
Remarks										Scale 1.25 Figu	Sheet 1 C

PELL FRISCHMANN CONSULTANTS LTD		TRIAL	PIT RE	CORD			Trial Num	
SITE: Bicester	EQUIPME	NT AND ME	ETHODS:	an ya maga makeessa asaa .	and the second second second		T	P70
CLIENT: A.D Woodly	GROUND 0.000	LEVEL		COORDIN	ATES N: 0.00)	DATE	16/08/2001
STRATA DESCRIPTION	KEY	DEPTH	LEVEL		SAMPL	ES/TES	TS	INSTALLATIONS
TOPSOIL		(Thick)	(mAOD)	Depth	Туре	No	Test	BACKFILL
		0.30			: .			
Red brown very sandy clayey coarse angular		0.30		•		4		
GRAVEL and COBBLES of limestone, (highly to completely weathered limestone)		0.66		0.60	D			
Yellow brown very sandy clayey course angular GRAVEL and COBBLES (up to 150mm x 150mm x		0.65 0.80						
10mm) of limestone, (highly to completely weathered limestone)	/ <u></u>	0.00		:				
End of Borehole at 2.40 m						i : : !	. 🔻	
				:				
5.6m depth				:				
CLEA Areens 24mg/kg	720	- ,						
Chromium 22 "	ا د ۱۹۹۰ ا			:				
- Watel 34 "	OK :					-		
Zing 48 W	- OK							
Sulphale 582 "	NO.			•	1			
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	and the second s				: ::::::::::::::::::::::::::::::::::::			
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Remarks							Scale	, 5.35.55 2)
							1:25	Sheet 1 of
Notes: Materials are described in accordance with BS 5930:1999. Amtebns and reduced levels are in metres. Thicknessess given in brackets in dep	nih column						Figure	

PELL FRISCHMANN CONSULTANTS LTD		RIAL I	PIT RE	CORD			Trial Numb	
BITE: Bicester	EQUIPME	NT AND ME	ETHODS:				TI	⊃71
CLIENT: A.D Woodly	GROUND 0.000	LEVEL		COORDINA 457216.00		214.00	DATE	21/08/2001
STRATA DESCRIPTION	KEY	DEPTH (Think)	LEVEL (mAOD)		SAMPLE	S/TES	TS Test	INSTALLATIONS BACKFILL
TOPSOIL: Mid brown soft loose slightly clavey		(Thick) 0.00	(111400)	Depth	Туре	110	1630	BAOM ILL
TOPSOIL with rootlets and organics (5%)		0.30		0.30	D			
Yellow orange and grey mottled moderately soft damp sandy CLAY with fine angular limestone gravel, becoming more clayey with depth				;	The state of the s			
graver, becoming more clayey with deput				:				
		0.90 0.91		0.90	w			
Yellow, grey and white hard medium to coarse grained broken rubbly weathered LIMESTONE in a brown and yellow damp sandy clayey matrix		0.91						
brown and yellow damp sandy clayey matrix (CORNBRASH) End of Borehole at 0.91 m	:							
End of Boldware at the	water		:					
O.3m dopth	0.90							
Assenie 20mg/leg OK								
Chipmion do w the	. <u>.</u>			1				
Lead No be 188								
Copper 17 10 10%								
Nickel 37 in ok					:			
Zmc 83 1100K	<i>≛</i> .	10						
Sulphate 1665 " OK	43 m) (~				-		
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		*			•			
		• •						
					:			
and the second of the second o	· .					<u> </u>	Logged	by Checked
Remarks Al 0.90m a 1L water sample was taken after approx. 5 mins. Trial pit terminate	d at 0.91m in Corn	orash, as no fu	rther progress o	could be made. S	amples; T	P71 0.5kg	Pop quips	1L water sample
AN A JOHN & TO WATER SAMPLE WAS LANCED THE PROPERTY OF THE PRO							1:25 Figur	0.100

TRIAL PIT RECORD Trial Pit PELL FRISCHMANN Number **CONSULTANTS LTD TP72** EQUIPMENT AND METHODS. SITE: Bicester COORDINATES DATE GROUND LEVEL CLIENT 07/08/2001 E: 457400.00N: 222346.00 0.000 A.D Woodly SAMPLES/TESTS LEVEL INSTALLATIONS/ KEY DEPTH STRATA DESCRIPTION BACKFILL (Thick) (mAOD) Type Depth 0.00 TOPSOIL 0.15 0.20 D Red brown very sandy clayey coarse angular GRAVEL and COBBLES of limestone, assessed from the pit walls as dense (highly to completely 0.30 В 0.45 weathered limestone) Yellow brown very sandy clayey course angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, assessed from pit walls as dense (highly to completely weathered limestone) 0.60 В 0.70 Yellow and light grey very thinly bedded moderately to highly weathered moderately strong to strong LIMESTONE End of Borehole at 0.75 m O. 6m depth Zine Damo/kg OK Sulphate 783 " Checked by Logged by Remarks Scale No groundwater encountered, pit stable throughout Bulk=0.3m, Bulk=0.6m, S'dist 0.6m Sheet 1 of 1:25 Figure Materials are described in accordance with BS 5930;1999.
Althoughs and reduced levels are in metres. Thicknessess given in brackets in depth column

EBIGOMANN		ISCHMAI TANTS L		7	RIAL	PIT RE	CORD			Trial Num	
SITE: Bicester				EQUIPME	NT AND ME	ETHODS:				T	P73
CLIENT: A.D Woo	odly			GROUND 0.000	LEVEL		COORDINA 157400.00		056.00	DATE	07/08/2001
STRATA DES	CRIPTION	MANAGEMENT OF THE PROPERTY OF		KEY	DEPTH (Thick)	LEVEL (mAOD)	Depth	SAMPLI Type	ES/TES	TS Test	INSTALLATIONS/ BACKFILL
TOPSOIL					0.00						
Red brown very much angular a limestone, asse (highly to comp	clayey fine to m nd subangular gi ssed from pit wa letely weathered	redium SAND wit ravel of light grey ills as dense limestone)	h		0.30		0.30 0.40				
Stiff yellow brov angular medium	vn very sandy Cl n to coarse grave	_AY with much of limestone			0.90 1.00		0.80	В			
moderately to h to strong LIMES	rgrey very timiny ighly weathered STONE and of Borehole at	bedded moderately stron 1.00 m	ġ					-			
				To the second se							
		garan ayan da sanar sa sa sa sa sa sa sa sa sa sa sa sa sa					· ·				
							:				
				ė.							
					e de la companya de l						
							:				
Remarks No groundwater encou	untered, trial pil stable	Ihroughout								Logged	
Notes: Materials are described in Whitepins and reduced in			ckets in danth	column						Figure	Sheet 1 of 1

PELL FRISCHMANN CONSULTANTS LTD	T	RIAL F	PIT RE	CORD				3
SITE: Bicester	NUMBER REQUIPMENT AND METHODS TP7 GROUND LEVEL COORDINATES D.000 N:0.00 DATE 17/ TION KEY DEPTH LEVEL SAMPLES/TESTS INS (Thick) (mAOD) Depth Type No Test Instruments are gravel of limestone 1.70 m. 1.60 D.000 Depth Type No Test Instruments are gravel of limestone 1.70 m. 1.70 Depth Depth Type No Test Instruments are gravel of limestone 1.70 m. 1.60 Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type No Test Instruments Type No Test Instruments Type Depth Type No Test Instruments Type Depth Type No Test Instruments Type No T		P73A					
CLIENT: A.D Woodly		EVEL					DATE	17/08/2001
STRATA DESCRIPTION	KEY			and the second second second second				INSTALLATIONS/ BACKFILL
TOPSOIL			-					
Stiff yellow brown very sandy CLAY with much angular medium to coarse gravel of limestone		0.30						
			:				-	
				1.00	D			
			·					
Yellow and light grey very thinly bedded moderately to highly weathered moderately strong to strong LIMESTONE End of Borehole at 1.70 m								
1-0m depth								
Capper 16 0 AV	<u>.</u>					The state of the s	Addition to the state of the st	
					: •			
				*				
	:							
		and the second s		· · · · · · · · · · · · · · · · · · ·			Logge	d by Checked b
Notes: Materials are described in accordance with BS 5930:1999. Materials and reduced levels are in metres Thicknessess given in brackets in depi							Scale 1:25 Figu	Sheet 1 of

Trial Pit TRIAL PIT RECORD PELL FRISCHMANN Number **CONSULTANTS LTD TP74 EQUIPMENT AND METHODS** SITE Bicester DATE COORDINATES GROUND LEVEL CLIENT: 07/08/2001 E: 457400.00N: 221900.00 0.000 A.D Woodly SAMPLES/TESTS LEVEL INSTALLATIONS/ DEPTH KEY STRATA DESCRIPTION BACKFILL (Thick) (mAOD) Depth Туре 0.00 TOPSOIL 0.20 0.30 В Yellow brown very sandy clayey course angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, assessed from pit walls as dense (highly to completely weathered limestone) 0.50 Stiff yellow brown very sandy CLAY with much angular medium to coarse gravel of limestone В 0.70 0.80 Yellow and light grey very thinly bedded moderately to highly weathered moderately strong to strong LIMESTONE 1.00 End of Borehole at 1.00 m <u>ئ</u>. Checked by Logged by Remarks Scale No groundwater encountered, trial pit stable throughout Sheet 1 of 1 1:25 Figure

noues. Materials are described in accordance with BS 5930:1999. IN-HEAhs and reduced levels are in metres. Thicknessess given in brackets in depth column

PELL FRISCH	RISCHMANN TRIAL PIT RECC					. •	-	Trial Numi		
DELL	and the second second second second second second	EQUIPMEN	T AND ME	THODS:				T	P75	
Bicester	<u> </u>	GROUND L 0.000	EVEL	E: 4	OORDINA 57400.00	TES N: 2217	750.00	DATE	07/08/2	:001
A.D Woodly				LEVEL		SAMPLE		<u> </u>	INSTALLA	TIONS/
RATA DESCRIPTION		KEY	DEPTH (Thick)	(mAOD)	Depth	Туре	No	Test	BACKF	TILL
OPSOIL			0.00							
			0.30 0.40		0.30	D				
range brown very clayey fine to medium ith much angular and subangular gravel rey limestone, assessed from pit walls a nighly to completely weathered limeston	as dense ne)		0.50	:						
ellow brown very snady clayey course as RAVEL and COBBLES (up to 150mm of 0mm) of limestone, assessed from pit wense (highly to completely weathered lines at 0.50 m.)	angulai v 150mm x									
0.3m def										
CLEA Aisenic LOA	mg/kg	>>=		:	· · · · · · · · · · · · · · · · · · ·	1				
Chorium 39	ti di	or .				;				
Copper 10		e Women			1 -	1				
plicate dd	e e e e e e e e e e e e e e e e e e e	OK	:		# " #					
Zina 64		(a + 2 #)				:				
Sulphate 110		(*) (*)								
		<u> </u>								
					: 					
and the second of the second o		e de la composición de la composición de la composición de la composición de la composición de la composición		gar i garantan e e e e e e e e e e e e e e e e e e e	·					
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					and the second	, .:		L	ogged by	Checke
Remarks No groundwater encountered, trial pit stable throug	naut washinka as	rress helow 0.5m due t	o cobbles and	boulders of time	stone in pit ba	se. S'distur	bed samp	ole al 0.3m	cale 25	Sheet
No groundwater encountered, trial pit stable throug	gnout, unable to prog	gress ocion 0.000 add 1						F	igure	

PELL FRISCHMANN	TRIAL P	IT RECOR	.D	Trial P Numbe		
CONSULTANTS LTD	EQUIPMENT AND ME	rhods:		TF	76	
Bicester	GROUND LEVEL		DINATES N: 0.00	DATE	15/08/2001	
ENT: A.D Woodly	0.000	LEVEL	SAMPLES/T		INSTALLATIONS BACKFILL	/
RATA DESCRIPTION	KEY DEPTH (Thick)		pih Type N	lo Test		1
OPSOIL .	0.00					
MADE GROUND stiff yellow brown clay becoming mottled grey with depth with occasional grey and red brown pockets of sand. Water inflow at 2.5m depth	2.5	50	0.50 D			
End of Borehole at 2.50 m	water 2.5m					
1): (VO) 33 mg/1/9	•	a/l				
Sulphate 498 4 ole	Chloride 21 r	5/1				
			: <u>_</u>		Logged by	Chec
	and the second s	and the second s			Scale	She

PELL FRISCHMANN CONSULTANTS LTD	T	RIAL	PIT REC	CORD)	Trial Num		
FRISCHMANN	EQUIPMEN	NT AND ME	ETHODS:		gan and a second residence	T	P76/	4
SITE: Bicester								·
CLIENT: A.D Woodly	GROUND! 0.000	EVEL	E: 0	OORDIN .00	N: 0.00	DATE	16/08/2	001
STRATA DESCRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)	Depth	SAMPLES/	TESTS No Test	INSTALLA BACKF	
TOPSOIL		0.30	•					
Yellow and light grey very thinly bedded moderately to highly weathered moderately strong to strong LIMESTONE		0.40						
End of Borehole at 2.40 m				•				
							- 1	
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	•							
						and the second s		
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	in the second se		a seems gent					٠,
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							ogged by	Check
Remarks						S	icale	Shee
							igure	

PELL FRISCHMANN CONSULTANTS LTD	Т	RIAL F	PIT REC	ORD			Trial I Numb	
Bicester	EQUIPMEN	EQUIPMENT AND METHODS:						
NT:	GROUND LEVEL COORDINA			TES N: 0.00		DATE	17/08/2001	
A.D Woodly		SEDTIL	LEVEL		SAMPLE	S/TES	TS	INSTALLATIONS
ATA DESCRIPTION	KEY :	DEPTH (Thick)	(mAOD)	Depth	Туре	No	Test	BACKFILL
PSOIL		0.00-	19.44					
		0.30						
DE GROUND firm very sandy grey mottled own clay with pockets of sandy gravel								
own clay with pockets of sandy gravel								
							1	·
				1				
			*	2.00) W			
		2.10 2.15		2.00	۷۷ (1		
ellow brown sandy clayey coarse angular RAVEL and COBBLES of limestone (highly to ompletely weathered limestone). Water inflow at 1m depth	<u>-</u> ./	1				1		
End of Borehole at 2.40 m								
101 08010	_/							
End of Borehole at 2.40 m	<u>-</u> /							
End of Borehole at 2.40 m Loater 2.0 m depth								
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64	2 .							
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64	<u></u>							
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64								
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64	2 .							
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64								
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64								
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64	2.							
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64								
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64								
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64								
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64								
End of Borehole at 2.40 m water 2.0 m depth Sulphale 64	2						Log	gged by Check
End of Borehole at 2.40 m Loater 2.0 m depth Chioride 20								
End of Borehole at 2.40 m Loater 2.0 m depth Chiodde 20		in lateral exte	int, bounded by h	ighly weather	ed limestone	e at 0.3m	depth to Re	

PELL FRISCHMANN CONSULTANTS LTD	TRIAL PIT RECORD							Pit ber	
SITE: Bicester	EQUIPMENT AND METHODS:						TP77		
CLIENT: A.D Woodly	GROUND LEVEL 0.000		COORDIN E: 0.00		NATES N: 0.00		DATE	17/08/200	
STRATA DESCRIPTION	KEY DEPTH (Thick)		LEVEL			ES/TES		INSTALLATION	
TOPSOIL		0.00	(mAOD)	Depth	Туре	No	Test	BACKFILL	
Stiff yellow brown very sandy CLAY with much angular medium to coarse gravel of limestone		0.20		•					
						V			
					! ! !				
Yellow and light grey very thinly hedded		1.60 1.70					2		
Yellow and light grey very thinly bedded moderately to highly weathered moderately strong to strong LIMESTONE	/ 	1.70							
End of Borehole at 2.40 m			:			Ī			
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emarks	·					ī	ogged by	Checked by	
							icale 25	Sheet 1 of 1	
s: Itals are described in accordance with 8S 5930:1999.							igure	Griedt i Or i	

PELL FRISCHMANN CONSULTANTS LTD	· · · · · ·	RIAL F	PIT RE(CORD		Νι	al Pit Imber			
еснмайй	EQUIPMEN	IT AND ME	THODS:				TP78			
Bicester IENT:	GROUND L 0.000	EVEL	E: 0	COORDINA	TES N: 0.00	DA	TE 17/0	8/2001		
A.D Woodly		050531	LEVEL		SAMPLES	S/TESTS	INSTA	ALLATIONS/		
FRATA DESCRIPTION	KEY	DEPTH (Thick)	(mAOD)		Туре			CKFILL		
OPSOIL		0.00		0.20	D					
		0.30								
Stiff yellow brown very sandy CLAY with much angular medium to coarse gravel of limestone										
angular medium to course give i										
			1 .	i						
		1.45		1						
Yellow and light grey very thinly bedded moderately to highly weathered moderately strong to strong LIMESTONE		1.65		1						
to strong LIMESTONE End of Borehole at 2.00 m	••						-			
			•							
				ilian da da da da da da da da da da da da da	1		-			
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Remarks							Scale 1:25	Sheet 1 c		
							Figure	1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
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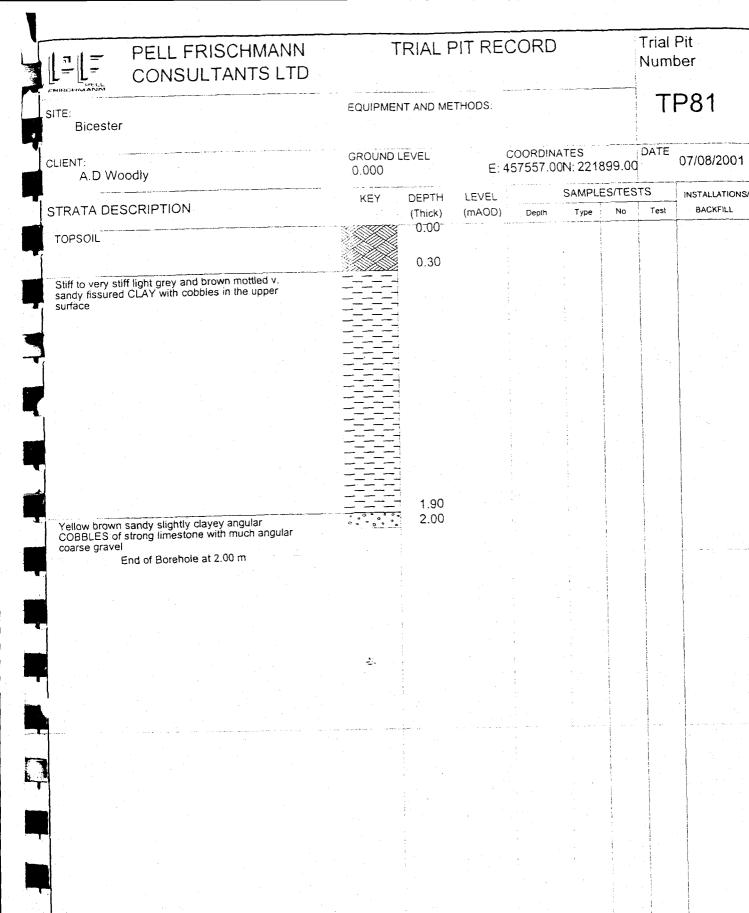
PELL FRISCHMANN CONSULTANTS LTD							Numt		
CHMANIN	EQUIPMEN	T AND ME	rhods:	2 / 34			TI	⊃ 79	
Bicester	GROUND L	EVEL	C	OORDINATI 57543.00N	ES . 2222		DATE	07/08/2	001
NT: A.D Woodly	0.000		· · · · · · · · · ·		AMPLES	<u>-</u>	rs	INSTALLA	TIONS
RATA DESCRIPTION	KEY	DEPTH (Thick)	(mAOD)		Type		Test	BACKE	
opsoil and tree roots		0.00	, parameter a film						
		0.25							
range brown very clayey fine to medium SAND th much angular and subangular gravel of light ey limestone, assessed from pit walls as dense ighly to completely weathered limestone)				0.50 0.50	D B				
ey limestone, assessed from pit walls as device ighly to completely weathered limestone)		. 75		0.50					
Source angular		0.75	:	0.90	В				
ellow brown very sandy clayey course angular RAVEL and COBBLES (up to 150mm x 150mm x of limestone, assessed from pit walls as		4 40							
RAVEL and COBBLES (up to 150/11111 X 150/1111 150/1111 150/1111 00,4000	1.10 1.20								
ow brown sandy slightly clayey angular BBLES of strong limestone with much angular parse gravel									
End of Borehole at 2.00 m									
				:					
0.5- depth				2.00	D				
· ·				:				-	
Acsenie 19 mg/kg OK								-	
Character 35 a OK		1							
Artist to the second of the se									
Sulphale (100) 4 Och				;					
Sulphare 1017 7 04	<u>.</u>			:			-		
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Remarks	and the second s				عد بالدنابران	d=0.5m	į.	Scale	-
Remarks Very slight water seepage at base of hole, trial pit stable throughout, una	able to progress belo	ow 1.2m due lo	cobbles, Bulk=	0.5m. Bulk≈0.9⊓	1 5 disturbe	U-U, JIII	1	:25	Sheet 1
								Figure	

7 =	PELL FRISCHMANN CONSULTANTS LTD	T	RIAL F	PIT REC	CORD		i	Trial Numl		
BOHMANN		EQUIPMEN	T AND ME	THODS:				T	P79	A
E: Bicester										
ENT: A.D Wo	odly	GROUND L 0.000	EVEL	E: 4	COORDINA 57529.00	TES N: 2222	280.08	DATE	07/08/	2001
and the second second second second		KEY	DEPTH	LEVEL :		SAMPLE		Ţ	INSTALL	1
RATA DES	CRIPTION		(Thick) 0::00	(mAOD)	Depth	Туре	No	Test	BACH	CFILL.
OPSOIL			0.20							
	ND Brown clayey fine to medium ibangular gravel of limestone coarse gravel or cobbles)		0.60		0.40 0.40	DB				
	own very sandy CLAY with much m to coarse gravel of limestone		0.90 0.95							
ight grey ven weathered mo	y thinly bedded moderately to highly derately strong to strong LIMESTONE and of Borehole at 0.95 m		 -					Total Control of the		
					:			Ì		
	0.4m depth		:						-	
	Arsenie 15 mg/kg									
	Chambon 12 "	and the second s								
	Zino 23 11	2.18	1 1 1							
	Sulphaten 945 m							1		
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		e de la companya del companya de la companya del companya de la co			e g e e			Lo	gged by	Checked
Remarks	The second secon	e de la companya de l	0.0	-0.4m					cale	-
Very slight wate	er seepage at base of hole, trial pit unstable at 0.2-0.6n	n, Bulk=0:4m, Bulk=0.8r	n, S'disturbed	=∪.4m				1	25 igure	Sheet 1
		• .							iguie	

Trial Pit

Trial Pit TRIAL PIT RECORD PELL FRISCHMANN Number CONSULTANTS LTD TP79B EQUIPMENT AND METHODS: Bicester DATE COORDINATES GROUND LEVEL 16/08/2001 CLIENT: N: 0.00 E: 0.00 0.000 A.D Woodly SAMPLES/TESTS INSTALLATIONS/ KEY DEPTH LEVEL **BACKFILL** STRATA DESCRIPTION (Thick) (mAOD) Depth 0.00 TOPSOIL 0.20 MADE GROUND Brown clayey fine to medium angular and subangular gravel of limestone (noticeably no coarse gravel or cobbles) some evidence of lime burning activity due to rare white 0.50 0.50 limestone gravel 1,10 1.20 Light grey very thinly bedded moderately to highly weathered moderately strong to strong LIMESTONE End of Borehole at 1.30 m O.Sm depth Accord 15 mg/kg - Zinc 19 11 Sulphote 1/12 " Checked by Logged by Remarks Scale 1:25 Sheet 1 of 1 Figure oles: aterials are described in accordance with BS 5930:1999. The BB and reduced levels are in metres. Thicknessess given in brackets in depth column

						Trial I Numb			
SITE: Bicester	EQUIPMEN	NT AND ME	THODS		، حصنت		TI	-8 C)
CLIENT: A.D Woodly	GROUND 0.000	LEVEL	E: 4	COORDINA 157546.00	TES N: 2222	200.00	DATE	07/08	/2001
	KEY	DEPTH	LEVEL		SAMPLE	S/TES	TS	INSTALI	.ATIONS/
STRATA DESCRIPTION	16008507850	(Thick)	(mAOD)	Depth	Туре	No .	Test	BACI	KFILL
TOPSOIL								,	
Talunc egasea		0.30							
Red brown very sandy clayey coarse angular GRAVEL and COBBLES of limestone, assessed from the pit walls as dense (highly to completely weathered limestone)		0.70							
Stiff yellow brown very sandy CLAY with much angular medium to coarse gravel of limestone		0.85		0.85	D				
Brown fine to medium SAND with rare limestone gravel		1.18							
Yellow brown sandy slightly clayey angular COBBLES of strong limestone with much angular		1.18 1.20		· •					
coarse (ravel		i de la companya de l							
End of Borehole at 1.20 m					i				
O.85 mi dopth	¥				:				
Arsenic 20mg/kg OK									
Chronitum 26 Ma	-				- 1				
Nickel 34 OK									
Ziác SD 0 0 0%					4				
Supplied 315 m 019	 .								
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						- !	Logo	ed by	Checked
Remarks							Scal		
No groundwater encountered, trial pit unstable at 0-1.1m	,						1.25	.]	Sheet 1
Notes: Materials are described in accordance with BS 5930:1999 AHTB bhs and reduced levels are in metres. Thicknessess given in brackets in di							Fig	ui e	-



Checked by

Sheet 1 of

No groundwater encountered, that pit stable throughout, feature noted in southern pit wall as a 0.6m deep slot into layer 2 filled with top soil - possible start of a land drain queller.

Figure

Malenals are described in accordance with BS 5930:1999.

PH-18 This and reduced levels are in metres. Thicknessess given in brackets in depth column

Remarks



PELL FRISCHMANN **CONSULTANTS LTD**

TRIAL PIT RECORD

Trial Pit Number

Scale

1.25

Figure

Sheet 1 of 1

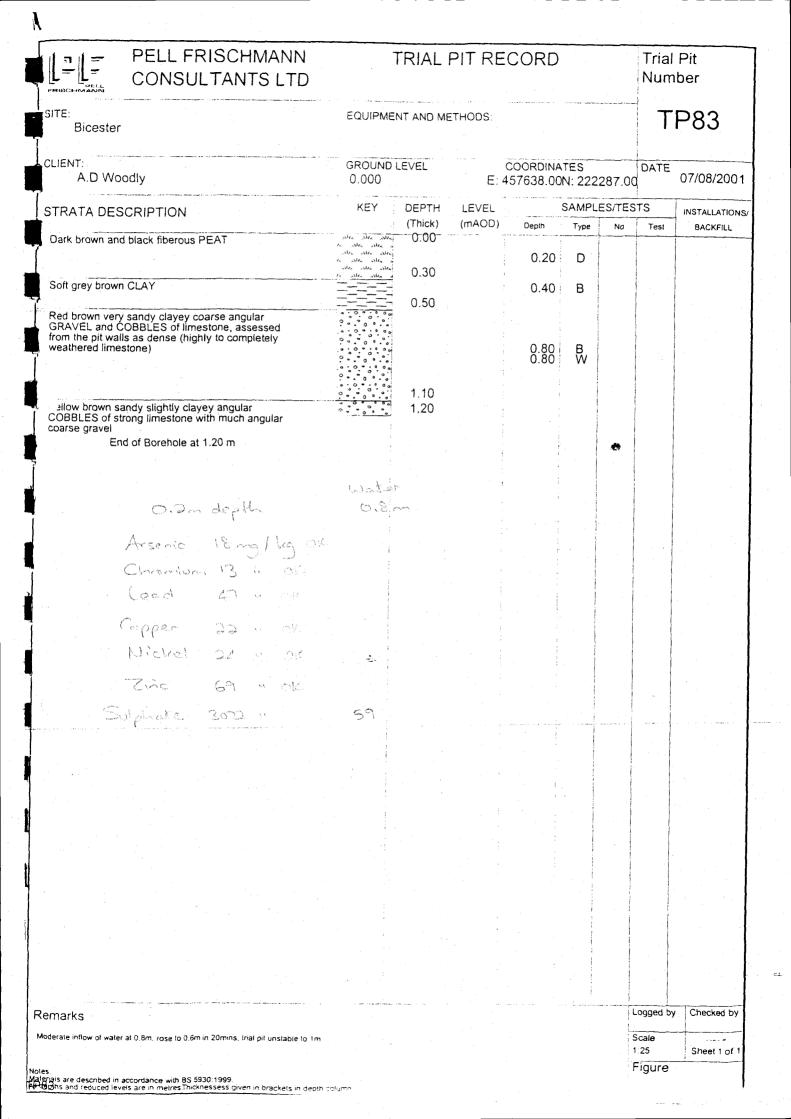
No groundwater encountered, trial pit stable throughout

Notes: Matenals are described in accordance with 8S 5930:1999. APP 02hs and reduced levels are in metres.Thicknessess given in brackets in depth column

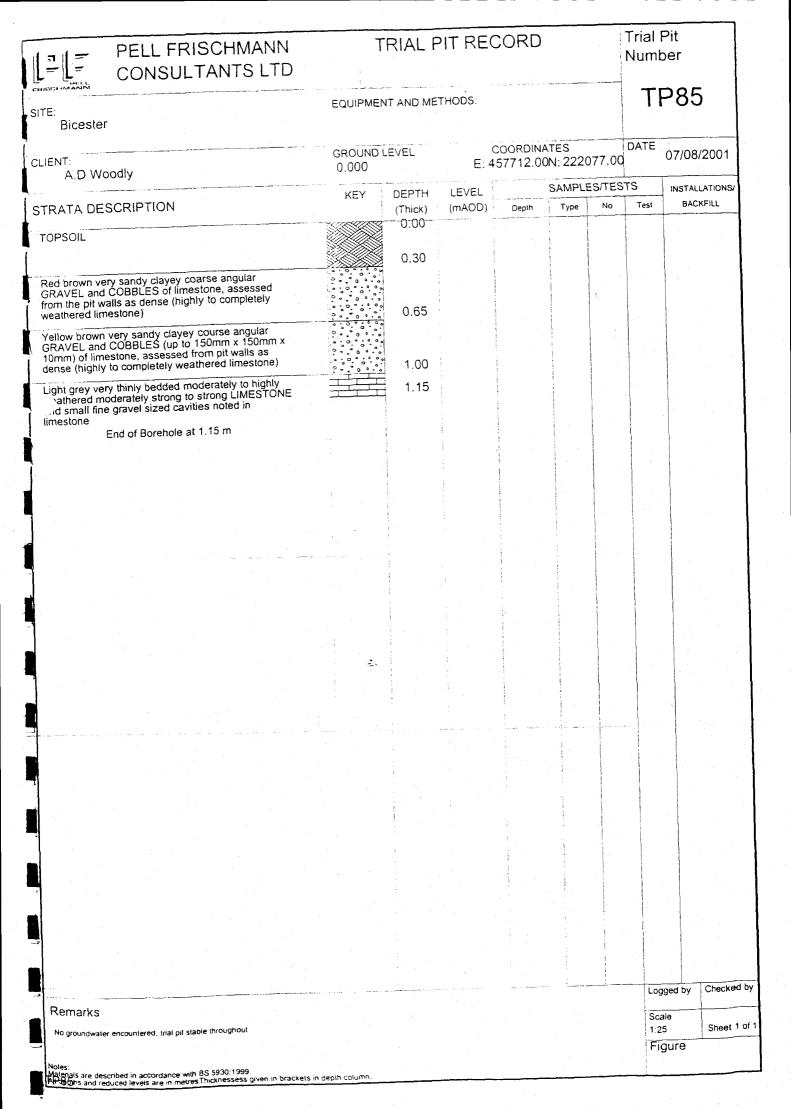
EQUIPMENT AND METHODS:

TP82

Bicester								. 02
CLIENT:	GROUND 0.000	LEVEL		00RDINA 57569.00			DATE	07/08/2001
	KEY	DEPTH	LEVEL		SAMPLE	ES/TES	rs	INSTALLATIONS/
STRATA DESCRIPTION		(Thick)	(mAOD)	Depth	Туре	No	Test	BACKFILL
TOPSOIL		0.00						
		0.30		0.30	В			
Orange brown very clayey fine to medium SAND	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			0.40	D			
Orange brown very clayey fine to medium SAND with much angular and subangular gravel of light grey limestone, assessed from pit walls as dense (highly to completely weathered limestone)		0.50		0.60	В			
Yellow brown very sandy clayey course angular	0 0 0 0 0	0.70						
Yellow brown very sandy clayey course angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, assessed from pit walls as dense (highly to completely weathered limestone)		0.80						· ·
Yellow and light grey very thinly bedded	_/							
Yellow and light grey very thinly bedded moderately to highly weathered moderately strong strong LIMESTONE				-		·		
End of Borehole at 0.80 m								
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Remarks								



PELL FRISCHMANN CONSULTANTS LTD		TRIAL	PIT RE	CORD		•	Trial Num			
SITE: Bicester	EQUIPMENT AND METHODS:							TP84		
CLIENT: A.D Woodly	GROUND LEVEL 0.000		COORDINA E: 457700.00		ATES 0N: 222200.00		DATE	07/08/2001		
STRATA DESCRIPTION	KEY	DEPTH	LEVEL		SAMPL	,		INSTALLATIONS		
TOPSOIL		(Thick) 0.00 0.15	(mAOD)	Depth	Туре	No	Test	BACKFILL		
MADE GROUND soft to firm yellow brown and grey mottled clay with many carbonised plant sterns throughout		0.15					a man of the same	1		
				1.00 1.00	D B					
Yellow brown sandy slightly clayey angular COBBLES of strong limestone with much angular		1.30		1.50	В		•	•		
coarse gravel End of Borehole at 1.70 m		1.70					-			
1.0 m depth								The second second		
Lom depthi Chromium 25 mg/kg										
Nievel 20 11 10										
Symple 188 1	2.									
andria de la companya de la companya de la companya de la companya de la companya de la companya de la company La companya de la co								and the second of the second o		
						A. C. and C. C. C. C. C. C. C. C. C. C. C. C. C.				
							10 m			
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	1				1					
	e de la companya del companya de la companya del companya de la co	·				2	Logged b	y Checked by		
Remarks Very minor seepage of groundwater at base of pit, that pit stable throughout							Scale			
							1:25 Figure	Sheet 1 of		



PELL FRISCHMANN CONSULTANTS LTD		RIAL PI				Num		
CONSULTANTOLI	EQUIPMENT	AND MET	HODS:	a contractor to the second		T	P86	}
Bicester								
	GROUND LE	VEL	F· 4	COORDINAT 57661.00N	ES 1: 221976	DATE	07/08/20	01
NT: A.D Woodly	0.000	DEPTH	LEVEL		SAMPLES		INSTALLATI	
RATA DESCRIPTION	KEY	(Thick)	(mAOD)	1		No Test	BACKFIL	
PSOIL		0.00						
candy CLAY with much angular		0.23	,	0.50	В			
ff grey very sandy CLAY with much angular dium to coarse gravel of limestone				0.50	D			
				i .				1
	三国	1.00		1.00	В			
heavy year thinly hedded moderately to highly		1,00		i.				Ì
t grey very thinly bedded moderately to highly hered moderately strong to strong LIMESTONE and small fine gravel sized cavities noted in		1.30		.				
nestone. End of Borehole at 1.30 m								1
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Remarks						S .	Scale 1:25	Sheet 1
No groundwater encountered, trial pit stable throughout							Figure	

	PELL FRISCHMANN CONSULTANTS LTD	T	RIAL F	PIT REC	CORD			Trial Numb	
SITE: Biceste	er .	EQUIPMEN	IT AND ME	THODS			1	TI	287
CLIENT: A.D W		GROUND L	EVEL	E: 4	COORDINA 57700.001	TES N: 2219	900.00	DATE	07/08/2001
A.D VV	roouty	KEY	DEPTH	LEVEL		SAMPLE	S/TES	TS	INSTALLATIONS/
STRATA DE	ESCRIPTION	N L1 :	(Thick)	(mAOD)	Depth	Туре	No	Test	BACKFILL
TOPSOIL			0.20		0.10	D			
Stiff grey ver	y sandy CLAY with much angular		0.40		;				
Red brown vo	orse gravel of limestone ery sandy clayey coarse angular d COBBLES of limestone, assessed walls as dense (highly to completely	0000	0.50 0.55						
	mestone) ery thinly bedded moderately to highly noderately strong to strong LIMESTONE ne gravel sized cavities noted in					:			
imestone	End of Borehole at 0.55 m								
	O. o. depth				1 1	; ;		-	
	No. 1					1			
Clina	Arsenic 26 mg/kg >	And Sund Sund (
	Chronism At "								
	Cearl 19 "		 						
	Copper 36 "	- 13 × 1				<u>.</u>		The control of the co	
	Wickel 30 "	ČK.	·						
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Remarks	e e e e e e e e e e e e e e e e e e e							Logge	
1	r encountered, trial pit stable throughout							Scale 1.25	Sheet 1 of
Notes								Figu	ıre
Notes: Materials are desi Airthographs and rec	cribed in accordance with BS 5930:1999. duced levels are in metres.Thicknessess given in brackets i	in depth column.							

PELL FRISCHMANN CONSULTANTS LTD	PELL FRISCHMANN TRIAL AIT R CONSULTANTS LTD									
SITE: Bicester	EQUIPMEN	NT AND ME	TP88							
CLIENT: A.D Woodly	GROUND (0.000	LEVEL		COORDINA 457627.00		764.00	DATE	07/08/2001		
STRATA DESCRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)	Depth	SAMPL Type	ES/TES	TS Test	INSTALLATIONS/ BACKFILL		
TOPSOIL		0.00								
Red brown very sandy clayey coarse angular GRAVEL and COBBLES of limestone, assessed from the pit walls as dense (highly to completely weathered limestone)		0.50								
weathered limestone) End of Borehole at 0.50 m								· .		
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Remarks							Scale			
No groundwater encountered, no progress below 0.5m due to cobbles and bould	ers of limestone						1.25	Sheet 1 of 1		
Notes: Materials are described in accordance with BS 5930:1999. But Mins and reduced levels are in metres Thicknessess given in brackets in depth							Figure	9		

[= [=]

PELL FRISCHMANN CONSULTANTS LTD

Notes: Materials are described in accordance with BS 5930;1999. MHTBDns and reduced levels are in metres.Thicknessess given in brackets in depth column TRIAL PIT RECORD

Trial Pit Number

EQUIPMENT AND METHODS:

TP89

SITE: Bicester	EQUIPME	NT AND ME	THODS:			,	1889	
CLIENT: A.D Woodly	GROUND 0.000	LEVEL		COORDINA 157846.00			DATE	07/08/2001
	KEY	KEY DEPTH			SAMPLES/TESTS		S	INSTALLATAINS
STRATA DESCRIPTION		(Thick)	(mAOD)	Depth	Туре	No Test		BACKFILL
Dark brown and black fiberous peat	siles siles siles es siles siles si siles siles siles es siles siles si			0.20	D			
Soft grey organic CLAY with rare subangular gravel	es alles alles alles	0.30	:					-
Son gray organic SE (0.60		0.50	: B			
Orange brown very clayey fine to medium SAND	0.0000				! !			
with much angular and subangular gravel of light grey limestone, assessed from pit walls as dense (highly to completely weathered limestone)				0.90	В			
	0 . 0	1.25						
End of Borehole at 1.25 m	·		:			: !		
. O. In depth	:			· 				
CLEA Arsenic 30 mg/kg 200								
	E .							
Lead 34 " (8					:	! :		
Zinc 143 " OX Sulptonte 3429 "					:			
Sulptrate 3429 "					•			
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						1	Logged	by Charkerl
Remarks No groundwater encountered, trial pit stable throughout, unable to progress bei	low 1.25m due la li	mesione cobble	s and boulders				Scale	Sheet 1
No groundwater encountered, that pit stable intogs see a see a see a see a see a see a see a see a see a see a							1:25 Figur	

PELL FRISCHMANN CONSULTANTS LTD	. T	RIAL	Trial Pit Number						
ITE:	EQUIPMEN	NT AND ME	THODS				TF	P89	A
Bicester LIENT:	GROUND I	_EVEL	E: 4	COORDINA 157879.00	TES N: 2222	203.00	DATE	07/08/2	2001
A.D Woodly		OFFIL	LEVEL		SAMPLE		L	INSTALL	ATIONS/
STRATA DESCRIPTION	KEY	DEPTH (Thick)	(mAOD)	Depth	Туре	No	Test	BACK	1
TOPSOIL		0.20			-				·
Soft brown slightly sandy CLAY									
				0.50 0.50	D B				
to medium SAND		0.65		0.80	В				·
Orange brown very clayey fine to medium SAND with much angular and subangular gravel of light grey limestone, assessed from pit walls as dense (highly to completely weathered limestone)		0.90		0.90					
Yellow brown sandy slightly diayey angular COBBLES of strong limestone with much angular		1.13			1				
oarse gravel End of Borehole at 1.13 m									
	alforni	ļ			1				
O.S. depth	atour. ~P.O	,		1					
Chromium 51 mg/kg 11					i ·				
Copper 30 " OK									
Michael 38 " OK.									
Zino 96 " OV.								-	
Sulphate 2310 0 016	68								
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			a saak a meege						
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		: : : : : :	. 		•				
						4			
					:				
							Logg	ed by	Checked b
Remarks Minor water seepage at 0.9m, minor instability at 0.65m-1.13m, unable to	progress below 1.13	due to limesto	one cobbles and	boulders			Scale	,	Sheet 1 of
Minor water seepage at 0.9m, minor instability at 0.00m, minor to	. -					4	Figi		

PELL FRISCHMANN CONSULTANTS LTD		TRIAL	PIT RE	CORD			Trial Num	
SITE: Bicester	EQUIPME	TP89B						
CLIENT: A.D Woodly	GROUND 0.000	LEVEL	 Е: _.	COORDINA 457772.00		257.00	DATE 07/08/200	
STRATA DESCRIPTION	KEY	DEPTH (Thick)	LEVEL (mAOD)		SAMPL			INSTALLATIONS
TOPSOIL		0.30	(MAOD)	Depth	Type	No	Test	BACKFILL
Soft brown organic CLAY with much plant rootlets		0.55						
Orange brown very clayey fine to medium SAND with much angular and subangular gravel of light grey limestone, assessed from pit walls as dense (highly to completely weathered limestone)		0.90	·	0.70 0.70 0.90	D B W			
Yellow brown sandy slightly clayey angular OBBLES of strong limestone with much angular parse gravel	٠٠٠, ٠٠٠, ٠٠٠, ٠٠٠, ٠٠٠, ٠٠٠, ٠٠٠, ٠٠٠	1.00						
End of Borehole at 1.00 m		:						
		:						
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	\$; ; ;				
	1							
Remarks					<u></u>		Logged by	Checked by
Water inflow at 0.9m, rose to 0.45m in 30 mins, trialpit stable throughout, unable to	progress below 1	.um					Scale 1:25 Figure	Sheet 1 of 1

PELL FRISCHMANN CONSULTANTS LTD	Ţ		Trial f Numb						
SITE: Bicester	EQUIPMEN	English Control of the Control of th	TP90						
CLIENT: A.D Woodly	GROUND (LEVEL		COORDINA 157783.00			DATE 07/08/2001		
STRATA DESCRIPTION	KEY DEPTH LEVEL SAMPLES/TE (Thick) (mAOD) Depth Type No						'S Test	INSTALLATIONS/	
TOPSOIL		0.00							
Red brown very sandy clayey coarse angular GRAVEL and COBBLES of limestone, assessed from the pit walls as dense (highly to completely weathered limestone)		0.25		0.50	D				
Yellow and light grey very thinly bedded moderately to highly weathered moderately strong to strong LIMESTONE End of Borehole at 0.90 m		0.90							
0.5~ dept									
CLEA Arsonic 40 mg/leg > 20 Chromium 34 11 C	o Sk Sk								
							The second secon		
							Adding page of the first of the		
							l oggad	by Checked b	
Remarks No groundwater encountered, trial pit stable throughout, unable to progress to	below 0 9m						Scale 1:25 Figur	Sheet 1 of	

STRATA DESCRIPTION KEY DEPTH LEVEL SAMPLES/TESTS	PELL FRISCHMANN CONSULTANTS LTD		TRIAL I	PIT RI	ECOR)		Trial Num	
A D Woodly STRATA DESCRIPTION KEY DEPTH LEVEL SAMPLESTESTS InsTALLATION (Thick) (mACD) Depth Type No Test SACCHILL MACE GROUND grey brown ash and dinker fill with much glass boilies, some metal and occasional potent fragments. Glass showing signs of mething due to high temperatures in the past of mething due to high temperatures in the past of mething directions. Beautiful directions assessed from the Account of Machine Charles (Thick) (machine) assessed from the Account of Machine Charles (Thick) (machine) assessed from the Account of Machine Charles (Thick) (machine) (machin		EQUIPME	NT AND ME	THODS		-		Т	T1
TOPSOIL with occasional glass fragments (Thick) (mAOD), been Type to Teal Record to Teal Teal Teal Teal Teal Teal Teal Teal		GROUND 0.000	LEVEL	E:	COORDIN 0.00		0	DATE	07/08/200
TOPSOIL with occasional glass fragments MADE GROUND grey brown ash and clinker fill with much glass bottles, some metal and occasional pottery fragments. Glass showing signs of maiting due to high temperatures in the past. Yellow brown very sandy dayey coarse angular GRANKE, and COBBLES (by to 150mm x 150mm x 1,70mm college). The company of the co	STRATA DESCRIPTION	KEY				SAMPI	ES/TES	TS	INSTALLATION
MADE GROUND grey brown ash and clinker fill with much glass bottles, some metal and of the past of melting due to high temperatures in the past of melting due to high temperatures in the past of melting due to high temperatures in the past of melting due to high temperatures in the past of melting due to high temperatures in the past of melting due to high temperatures in the past of melting due to high temperatures in the past of melting due to high temperatures in the past of melting due to high temperatures in the past of the	TOPSOIL with occasional glass fragments			(MAOD)	Depth	Туре	No	Test	BACKFILL
MADE GROUND grey brown ash and clinker fill with much glass bottles, some metal and much glass bottles, some metal and much glass bottles, some metal and much glass bottles, some metal and grey fragments. Glass showing signs of metiling due to high temperatures in the past. Yellow brown very sandy clayey coarse angular GRAVEL and COBRLES (up to 150mm x 150mm x 1.70 10mm) of limestone, assessed from pit walls as everse (night) to combetely weathered limestone) End of Borehole at 1.70 m An angular angular grey grey grey grey grey grey grey gre			:						
Yellow brown very sandy clayey coarse angular GRAVEL and COBBLES (up to 150mm x 150m x 10mm) of limestone, assessed from pit walls as elense (highly to completely weathered limestone) End of Borehole at 1.70 m All D.S. A. A. A. A. A. A. A. A. A. A. A. A. A.	MADE GROUND grey brown ash and clinker fill with much glass bottles, some metal and occasional pottery fragments. Glass showing signs of melting due to high temperatures in the past		0.60		0.50	D			
Yellow brown very sandy clayey coarse angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, assessed from pit walls as dense (highly to completely weathered limestone) End of Borehole at 1.70 m All J.S. Agult.				- :					
The state of the s	Yellow brown very sandy clayey coarse angular GRAVEL and COBBLES (up to 150mm x 150mm x 10mm) of limestone, assessed from pit walls as dense (highly to completely weathered limestone) End of Borehole at 1.70 m		1.70						
narks Logged by Checked by		<u> </u>	is lea	a 35	69 mg	/kg	2000 2000 V9		
Loggica by Checked by		. de€	a niel		788	3/40	>50 Ng 2	oK.	
Logged by Checked by									
Loggica by Checked by									•
Loggica by Checked by									
Logged by Checked by									
Scale		n face. Topsoil unde	rlain by highly	realhored lie			1		Checked by

PELL FRISCH CONSULTAN				Trial I Numb							
SITE: Bicester		EQUIPMENT AND METHODS:							TT2		
CLIENT: A.D Woodly		GROUND LEVEL CO			COORDINA 0.00	N: 0.00)	DATE 07/08/2001			
STRATA DESCRIPTION		KEY	DEPTH (Thick)	LEVEL (mAOD)			ES/TES	TS Test	INSTALLATIONS/		
TOPSOIL with occasional glass fragmen	its		0.00	(IIIAOD)	Depth	Туре	140	1621	BACKFILL		
MADE CROUNTS and all all	nicos Sil		0.30	÷.							
MADE GROUND grey brown ash and cli with much glass bottles, some metal and occasional pottery fragments. Glass sho of melting due to high temperatures in th	t wina sians			 !	0.50	D					
a vehicle tyre	e past and							·			
				-	1.00	D					
						1			•		
			1.65								
Yellow brown very sandy clayey coarse a GRAVEL and COBBLES (up to 150mm x	angular c 150mm x		1.65 1.70			:					
10mm) of limestone, assessed from pit w dense (highly to completely weathered lin End of Borehole at 1.70 m					reaching to						
	Averic Lead	To	0.500		To 1-9) 					
CLEA CLEA	AVERNIC	10	3~3/4	5 2 20 /kg >450	77.5	7 90 > 450					
The second secon	Cobbei	<u>\(\lambda \) \</u>	عاروم ال) 3	المناه المراجعة						
CHA	Nickel	· \^		550 Kin >1200	135	>50 >120	300				
CLEA	Sulphore		v 190		113						
	and the part of		820		242						
	Chromite		56 4	•	. 58		DK I		A SAME OF THE SAME		
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		1				· · · · · · · · · · · · · · · · · · ·					
				• ,							
Remarks					er in the stage			Logged by	Checked by		
Pit extended to 8m in length trending north-south encoun	ntered edge of quarry in si	pułhern face. To	psoil underlain	by highly weathe	red limestone t	o south of I		Scale 1:25	Sheet 1 of 1		
Notes: Malerials are described in accordance with BS 5930:1999. All depths and reduced levels are in metres. Thicknessess g	given in brackets in depth	column.						Figure			

J

PELL FRISC CONSULTA		TRIAL PIT RECORD							Pit ber
SITE: Bicester		EQUIPM	ENT AND ME	ETHODS:				T	Т3
CLIENT: A.D Woodly		GROUNG 0.000) LEVEL	E. (COORDIN.	ATES N: 0.00)	DATE	07/08/200
STRATA DESCRIPTION		KEY	DEPTH (Thick)	LEVEL (mAOD)		SAMPL			INSTALLATION
TOPSOIL with occasional glass fragm	ents		0.00	(MAOD)	Depth	Туре	No	Test	BACKFILL
MADE GROUND firm to stiff grey brow	n sandy clay		0.25						
MADE GROUND grey brown ash and	clinker fill		0.55						
MADE GROUND grey brown ash and with much glass bottles, some metal a occasional pottery fragments. Glass shof melting due to high temperatures in Fragment of pottery carried printing "N, date "1945". One piece of metal possible cover for a vehicle engine	nd lowing signs the past. AAFI" and ly a clutch				1.00	D			
Soft brown silty CLAY			2.00						
CONTONIN SING CEAT						-		:	
End of Borehole at 2.40 m			2.40		2.40	D			
		t.	TTO. 1.				-		
			Arsenic		ng/kg	>2			
	ا آن از این این این این این این این این این این	era era era era era era era era era era	Invaniur Land	135 135	- i	450			
				35	7				
			Lawall	19.	£ 5	50			
		clen is	Land.	16.15	1 1 >	1200			
			w white	7ÅE 700	٠				
							-		
emarks		1					Lo	gged by	Checked by
5.							1:2	^{ale} 5 gure	Sheet 1 of 1



APPENDIX 2 LABORATORY TESTING RESULTS

				P.F.C. WAKEFIELD
			Comple	Post No. File Ref.
		Depth	Description of Sample	CIRCULATE
rial Pit	Sample Number	m		0004
Number	Milliper	· · · ·	::In: CY AV	01. OCT 2001
1 4	В	1.50	Orangish brown slightly gravelly very sandy very silty CLAY.	101111
1A 3	D	2.40	Brown slightly gravelly sandy silty CLAY.	OFWLOO RATules.
<u>3</u>	В	0.70	Pale brown sandy clayey silty GRAVEL.	marshall
	В	2.00	Brown gravelly slightly sandy silty CLAY.	
14A	D	2.00	Brown gravelly slightly sandy silty CLAY.	
16	В	2.60	Greyish brown sandy silty CLAY.	
17	В	0.50	Brown very sandy clayey very silty GRAVEL.	
21	В	0.25	Pale brown slightly gravelly slightly sandy very silty CLAY.	
22A	D	2.00	Brownish grey slightly gravelly slightly sandy silty CLAY.	
23	D	2.00	Pale brown slightly gravelly sandy silty CLAY.	
23	D	2.50	Brownish grey gravelly sandy silty CLAY.	
24	В	0.70	Brown sandy clayey silty GRAVEL.	
27	В	0.30	Pale brown sandy very silty CLAY.	
28	В	0.33	Brown very sandy slightly clayey silty GRAVEL. Pale brown very sandy slightly clayey silty GRAVEL.	
29	В	1.20	Pale brown very sandy signify CLAY	
30	В	1.80	Pale grey slightly sandy very silty CLAY.	
33	В	1.50	Pale brown gravelly SAND.	
35	В	0.50	Brown sandy clayey very silty GRAVEL. Brown very sandy slightly clayey silty GRAVEL.	
39	В	1.50	Brown very sandy sugarty chayey sary	



Compiled by	Date	Checked by	Date	Approved by	Date
SHORWSHE	28/9/01	K Cu	28/9/01	K Contract N	28/2/01 0 NL211004
		BICESTER.		Contract IV	0 141211004

Trial Pit Number	Sample Number	Depth m	Description of Sample
45	В	0.70	Pale brown very sandy clayey silty GRAVEL.
48	В	1.00	Brown slightly sandy clayey very silty GRAVEL.
49	В	0.57	Grey mottled brown slightly sandy very silty CLAY.
52	В	1.40	Pale brown very gravelly very sandy very silty CLAY.
53	D	0.30	Brown slightly gravelly sandy silty CLAY.
54	D	0.80	Brown sandy silty CLAY.
56	В	0.70	Brown sandy clayey silty GRAVEL.
59A	В	1.00	Brown slightly sandy clayey silty GRAVEL with many cobbles.
61	В	0.50	Brown sandy clayey silty GRAVEL.
62	<u>B</u>	0.83	Yeloowish brown mottled grey slightly sandy silty CLAY.
63A	<u>B</u>	0.50	Orangish brown slightly gravelly sandy silty CLAY.
63A	В	1.00	Pale brown slightly gravelly very sandy very silty CLAY.
64	В	0.60	Pale brown very sandy slightly clayey silty GRAVEL.
66	В	0.30	Brown slightly gravelly very sandy very silty CLAY.
66	В	0.80	Pale brown slightly sandy very silty CLAY.
67	В	0.50	Orangish brown slightly gravelly very sandy silty CLAY.
72	В	0.30	Brown sandy slightly clayey very silty GRAVEL.
72	В	0.60	Pale brown very sandy clayey silty GRAVEL.
73	В	0.40	Brown sandy silty CLAY.

Sheet 2 of 2.



Compiled by	Date	Checked by	Date	Approved by	Date
Stolubet	2819101	R Cin	28/9/01	1 Cm	28/9/01

BICESTER.

Contract No NL211004

Figure:

TG/7/1015/97

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Issue No.2.0

Trial Pit	Sample	Depth	Description of Sample
Number	Number	m	
73	В	0.80	Pale brown slightly sandy silty CLAY.
74	В	0.30	Orangish brown very sandy clayey silty GRAVEL.
74	В	0.70	Pale brownish grey sandy silty CLAY.
76	В	2.50	Pale brown slightly gravelly very sandy silty CLAY.
79	В	0.50	Brown very sandy clayey silty GRAVEL.
79	В	0.90	Orangish brown sandy silty clayey GRAVEL.
79A	В	0.40	Brown sandy clayey silty GRAVEL.
79B	В	0.50	Pale brown very sandy slightly clayey silty GRAVEL.
82	В	0.30	Brown sandy clayey silty GRAVEL.
82	В	0.60	Brown very sandy slightly clayey silty GRAVEL.
83	В	0.40	Brown slightly sandy silty organic CLAY.
83	В	0.80	Brown sandy clayey silty GRAVEL with some cobbles.
84	В	1.00	Brown slightly gravelly very sandy very silty CLAY.
84	В	1.50	Pale brownish grey slightly sandy silty GRAVEL.
86	В	0.50	Brown slightly sandy silty CLAY.
86	В	1.00	Brown gravelly sandy silty CLAY.
89	В	0.50	Dark brown very peaty CLAY.
89	В	0.90	Brown very gravelly clayey silty SAND.
89A	В	0.50	Dark brown very peaty CLAY.

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Compiled by	Date	Checked by	Date	Approved by	Date
Stole Do L	2819101	R Con	28/9/01	Rlu	28/9/01
		BICESTER.		Contract N	o NL211004

Trial Pit Number	Sample Number	Depth m	Description of Sample
89A	В	0.80	Brown sandy clayey silty GRAVEL with many cobbles.
	В	0.70	Brown slightly sandy silty CLAY.
89B	В	0.70	
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		l	
	 		
	+		
	 	 	
			
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	1	1	
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Sheet 2 of 2.



Compiled by	Date	Checked by	Date	Approved by	<u> </u>	Date
0 1 0 0	28/9/01	RCI	28/9/01	RC	<u></u>	28/9/01
Solubor		BICESTER.			Contract No	NL211004
					Figure:	

Borehole	Sample	Depth	Description of Sample
Number	Number	m	
1	В	1.00	Dark brown gravelly slightly sandy silty CLAY.
1	D	2.00	Dark brown very gravelly sandy silty CLAY.
1	U	2.00	Stiff pale brown gravelly slightly sandy silty CLAY.
1	D	2.50	Brown slightly sandy silty CLAY.
2	В	1.00	MADE GROUND dark grey very sandy clayey very silty gravel of ash.
2	D	1.00	MADE GROUND dark grey very sandy clayey very silty gravel of ash.
2	D	2.60	Brownish grey slightly sandy silty CLAY.
2	D	2.80	Grey mottled brown slightly gravelly slightly sandy silty CLAY.
2	U	3.00	Pale grey mottled brown gravelly slightly sandy silty CLAY.
2	D	3.50	Grey sandy silty CLAY.
3	D	2.00	Pale brown slightly gravelly sandy silty CLAY.
3	D	2.80	Brown slightly gravelly sandy silty CLAY.
3	U	3.00	Pale brown very gravelly sandy silty CLAY.
3	D	3.50	Pale brown gravelly sandy silty CLAY.
4	D	1.00	Pale brown slightly gravelly sandy silty CLAY.
4	D	2.00	Pale brown sandy silty CLAY.
4	U	3.00	Very stiff grey very silty CLAY.
4	D	4.00	Brown mottled grey sandy silty CLAY.
5	U	1.00	Brown sandy very clayey silty GRAVEL.



Compiled by	Date	Checked by	Date	Approved b	y	Date
Brolwood	28/9/01	Rai	28/9/01	RCu		28/9/01
BIOENCI		BICESTER.			Contract No	NL211004

Borehole Number	Sample Number	Depth m	Description of Sample
5	D	1.50	Pale brown mottled grey very sandy silty CLAY.
5	D	2.00	Very stiff pale brown mottled grey gravelly slightly sandy very silty CLAY.
5	D	2.90	Grey gravelly sandy silty CLAY.
6	D	1.00	Brown gravelly sandy silty CLAY.
6	D	1.70	Pale brown mottled grey gravelly slightly sandy silty CLAY.
6	U	2.00	Grey slightly gravelly slightly sandy silty CLAY.
10	U	1.00	Firm brown mottled grey slightly gravelly silty CLAY.
10	D	1.50	Brownish grey slightly gravelly silty CLAY.
10	D	2.00	Grey mottled brown slightly gravelly slightly sandy silty CLAY.
11	D	1.00	Pale brown very sandy silty CLAY.
		 	
		·	
		<u> </u>	

Sheet 2 of 2.



Compiled by	Date	Checked by	Date	Approved by	Date
Sholeword	2819/61	Ren	28/9/01	R Cu	28/9/0,

BICESTER.

Contract No NL211004

Figure:

G/7/1015/97 Aug.

Issue No.2.0

SUMMARY OF SOIL CLASSIFICATION TESTS

(B.S. 1377: PART 2: 1990)

Borehole Number	Sample Number	Depth m	Moisture Content % Clause 3.2	Bulk Density Mg/m ³ Clause 7.2	Dry Density Mg/m ³ Clause 7.2	Particle Density Mg/m ³ Clause 8.	Liquid Limit % Clause 4.3/4.4	Plastic Limit % Clause 5.	Plasticity Index % Clause 6.	Passing .425mm	Remarks Intermediate plasticity CI.
1	В	1.00	23				37	19		80	Intermediate plasticity CI.
1	D	2.00	21				42	21	21	100	High plasticity CH.
1	U	2.00	15		+		50	20	30	100	5
1	D	2.50	22		-						
2	В	1.00	29		1					 	
2	D	1.00	32	 				<u> </u>		00	High plasticity CH.
2	D	2.60	29	<u> </u>	13:		61	22	39	98	Intermediate plasticity CI.
2	D	2.80	30	<u> </u>			42	18	24	68	Intermediate plasticity CI.
2	U	3.00	34	 	_	1	41	17	24	100	Intermediate plasticity
2	D	3.50	. 16								Intermediate plasticity CI.
3	D	2.00	18				48	20	28	99	
3	D	2.80	24			_	30	15	15	87	Low plasticity CL.
3	U	3.00	16			_					
3	D	3.50	11								
4	D	1.00	16								La disitu CI
4	4	2.00	21				46	17	29	100	Intermediate plasticity CI.
4	U	3.00	21								L. Aisto CI
4	D	4.00	10			_	36	18	18	48	Intermediate plasticity CI.

SYMBOLS: NP: Non Plastic

*: Liquid Limit and Plastic Limit Wet Sieved.

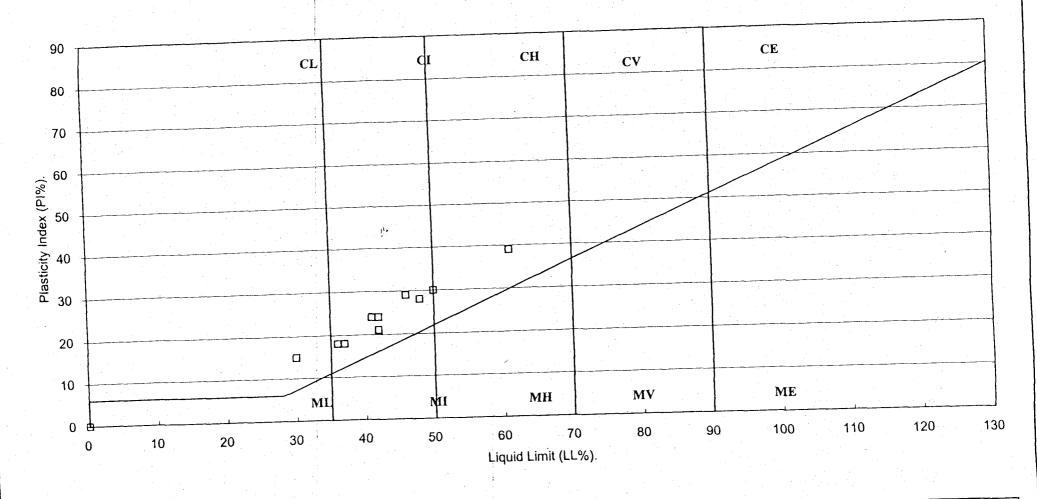
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Compiled by	2619101	Checked by BICESTER.	Date 26/9/01	Approved by	Date 26/4/61 Contract No NL211004
		BICESTEK.			Figure: South Kirkby, Pontefract, WF9 3AP

NL2.XLS Issue No.3 TG/7/1000/97 Aug.97

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.

(B.S.5930: 1999)





G 7.15.	Date	Checked by	Date	Approved l	ру	Date
Compiled by	2619101		26/9/01	RE		26/9/01
Solipas		BICESTER.			Contract No	NL211004
					Figure:	

TG/7/1000/97 Aug.97

NL2.XLS

SUMMARY OF SOIL CLASSIFICATION TESTS

(B.S. 1377: PART 2: 1990)

Borehole Number	Sample Number	Depth m	Moisture Content % Clause 3.2	Bulk Density Mg/m ³ Clause 7.2	Dry Density Mg/m ³ Clause 7.2	Particle Density Mg/m ³ Clause 8.	Liquid Limit % Clause 4.3/4.4	Plastic Limit % Clause 5.	Plasticity Index % Clause 6.	% Passing .425mm	Remarks
5	D	1.50	16				32	16	16	100	Low plasticity CL.
5	D	2.00	21							0=	Y A Birds placeticity CI
5	D	2.90	25			, · i · .	42	17	25	87	Intermediate plasticity CI.
6 .	D	1.00	21								YY: 1 Ladician CYV
6	D	1.70	27			:	52	20	32	89	High plasticity CH.
6	U	2.00	20	:			63	22	41	99	High plasticity CH.
. 10	U	1.00	31				74	22	52	100	Very high plasticity CV.
10	D	1.50	30		ŷ.		74	23	51	99	Very high plasticity CV.
10	D	2.00	36				67	23	44	97	High plasticity CH.
11	D	1.00	20						<u> </u>		
						ļ		<u> </u>	ļ	ļ	
							ļ		 	<u> </u>	
				:							
					<u> </u>						
					:						

SYMBOLS: NP: Non Plastic

*: Liquid Limit and Plastic Limit Wet Sieved.

Sheet 1 of 2.



Compiled by	Date	Checked by	Date	Approved by	Date
Solubor	2619101	R Can	26/9/41	1 Cm	26/9/01
					

BICESTER.

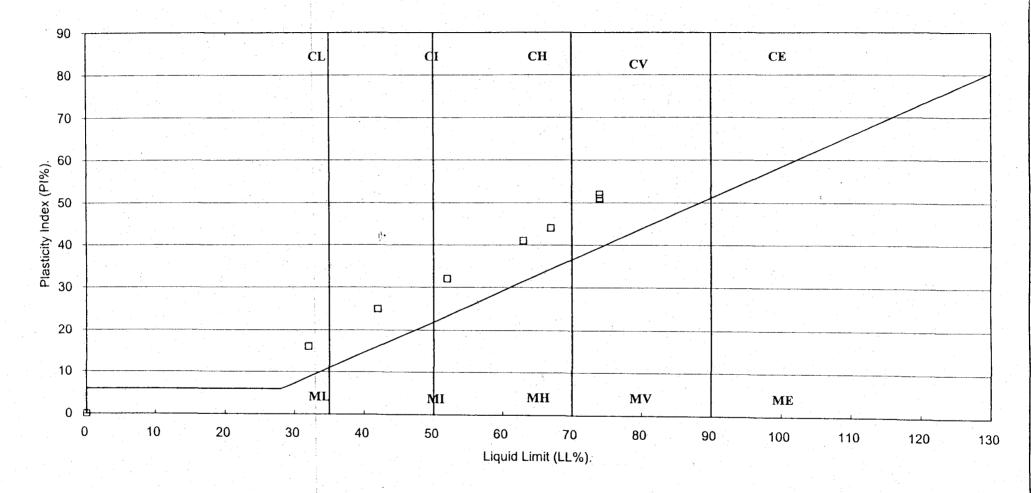
Contract No NL211004

Figure:

NL2 XLS

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.

(B.S.5930: 1999)





Compiled by	Date	Checked by	Date	Approved b	y	Date
Stole Doth	2619101	1 Cm	26/9/0,	Ka		26/9/01
		BICESTER.			Contract No	NL211004
					Figure:	

TG/7/1000/97 Aug.97

NL2.XLS

SUMMARY OF SOIL CLASSIFICATION TESTS

(B.S. 1377: PART 2: 1990)

Trial Pit Number	Sample Number	Depth m	Moisture Content %	Bulk Density Mg/m³	Dry Density Mg/m³	Particle Density Mg/m ³	Liquid Limit %	Plastic Limit %	Plasticity Index %	% Passing .425mm	Remarks
			Clause 3.2	Clause 7.2	Clause 7.2	Clause 8.	Clause 4.3/4.4	Clause 5.	Clause 6.		
3	D	2.40	32				37	18	19	96	Intermediate plasticity CI.
7	В	0.70	9								
14A	В	2.00	22				47	18	29	86	Intermediate plasticity CI.
14A	D	2.00	18				50	18	32	87	High plasticity CH.
16	В	2.60	18				50	19	31	100	High plasticity CH.
17	В	0.50	13								
21	В	0.25	. 30	1 1 1 1 1							
22A	D .	2.00	28	<u> </u>	Ŋ.		63	23	40	99	High plasticity CH.
23	D	2.00	26				54	21	33	99	High plasticity CH.
23	D	2.50	24				43	21	22	86	Intermediate plasticity CI.
27	В	0.30	27				54	21	33	99	High plasticity CH.
29	В	1.20	- 8				43	21	22	86	Intermediate plasticity CI.
30	B	1.80	41	·)							intermediate prasticity CI.
39	В	1.50	8					-			
45	В	0.70	12							···	
48	В	1.00	22	r .							
49	В	0.57	34				65	23	42	100	
52	В	1.40	17					23	42	100	High plasticity CH.
53	D	0.30	22				47	20	27	99	Intermediate plasticity CI.

SYMBOLS: NP: Non Plastic

Sheet 1 of 2.



Compiled by	Date	Checked by	Date	Approved b	y	Date
 Mode 20th	259101	Ra	28/9/01	RE	1	28/2/4
		BICESTER.			Contract No	NL211004

Figure:

TG/7/1000/97

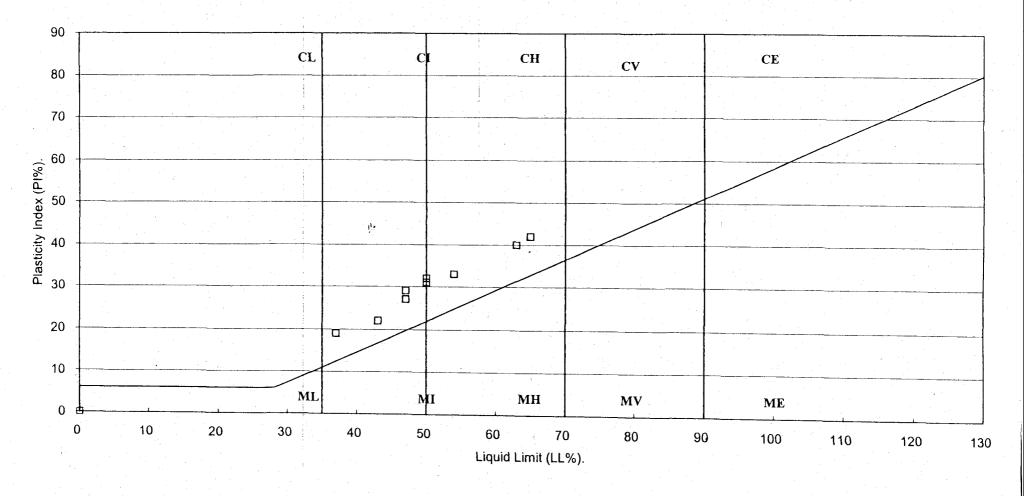
Issue No.3

NL2.XLS

^{*:} Liquid Limit and Plastic Limit Wet Sieved.

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.

(B.S.5930:1999)





Compiled by	Date	Checked by	Date	Approved by	Date
Solvort	1819101	Ren	28/9/01	Ren	28/9/01
		BICESTER.		Contract	No. NI.211004

Figure:

TG/7/1000/97 Aug.97

NL2.XLS

SUMMARY OF SOIL CLASSIFICATION TESTS

(B.S. 1377: PART 2: 1990)

Trial Pit Number	Sample Number	Depth m	Moisture Content % Clause 3.2	Bulk Density Mg/m ³ Clause 7.2	Dry Density Mg/m ³	Particle Density Mg/m³ Clause 8.	Liquid Limit % Clause 4.3/4.4	Plastic Limit % Clause 5.	Plasticity Index % Clause 6.	% Passing .425mm	Remarks Intermediate plasticity CI.
54	D	0.80	23								L'ata-plantinity CI
59A	В	1.00	15			-	35	16	19	26	Intermediate plasticity CI.
61	В	0.50	10			 	55	26	29	100	High plasticity CH.
62	В	0.83	32			1	 			ļ	
63A	В	1.00	11	-							
64	В	0.60	9		 		1				
66	В	0.30	16	ļ	+-+	+	61	20	41	100	High plasticity CH.
66	В	0.80	26	<u> </u>	 						
72	В	0.30	8	-	 		58	21	37	100	High plasticity CH.
73	В	0.80	19				78	22	56	100	Very high plasticity CV.
74	В	0.70	24		-		29	12	17	92	Low plasticity CL.
76	В	2.50	15		 		 				
79A	В	0.40	10								
79B	В	0.50	10					-			
82	В	0.60	7				89	33	56	100	Very high plasticity CV.
83	В	0.40	56					+			
83	В	0.80	17				49	17	32	80	Intermediate plasticity CI.
84	В	1.00	29				70	23	47	100	Very high plasticity CV.
86	В	0.50	24			l					Sheet 1 of 2

SYMBOLS: NP: Non Plastic

*: Liquid Limit and Plastic Limit Wet Sieved.

Sheet 1 of 2.



Issue No.3

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	Solubo	2819101	1/200	1	Contract No	o NL211004	

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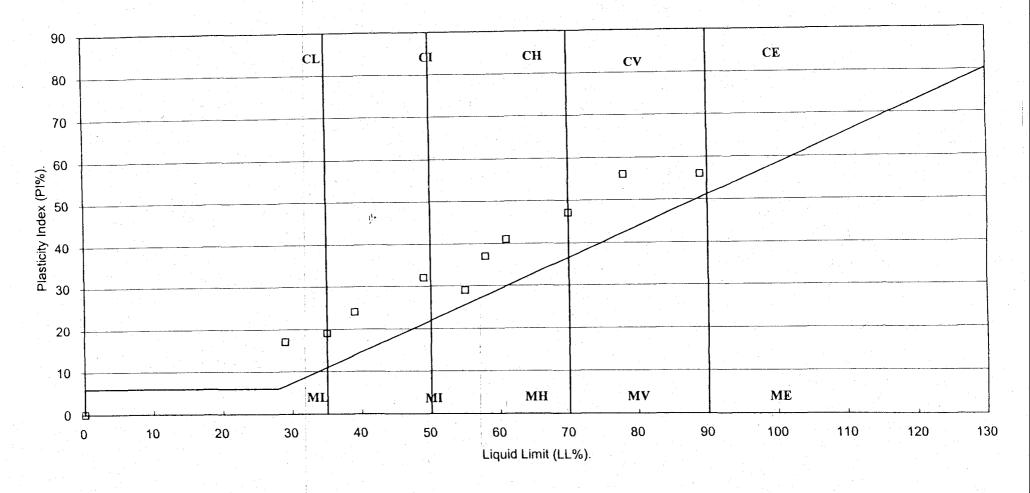
NL2.XLS

Contract No NL211004

Figure:

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.

(B.S.5930: 1999)





Compiled by	Date	Checked by	Date	Approved b	y Date
Stowart	28/9/01	Rlin	28/9/01	RE	28/9/01
		BICESTER.			Contract No NL211004
					Figure:

TG/7/1000/97 Aug.97

NL2.XLS

SUMMARY OF SOIL CLASSIFICATION TESTS

(B.S. 1377: PART 2: 1990)

Trial Pit Number	Sample Number	Depth m	Moisture Content % Clause 3.2	Bulk Density Mg/m ³ Clause 7.2	Dry Density Mg/m ³	Particle Density Mg/m ³ Clause 8.	Liquid Limit % Clause 4.3/4.4	Plastic Limit % Clause 5.	Plasticity Index % Clause 6.	% Passing .425mm	Remarks
86	В	1.00	37	Clause no	0,1123		56	22	34	60	High plasticity CH.
89	В	0.50	. 77				108	38	70	95	Extremely high plasticity CE.
89A	В	0.50	106				156	54	102	99	Extremely high plasticity CE.
89B_	В	0.70	36				56	19	37	100	High plasticity CH.
89A	В	0.80	9								
89B	В	0.70	36		-		56	19	37	100	High plasticity CH.
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·			<u> </u>								
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	 						ļ				
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SYMBOLS: NP: Non Plastic

*: Liquid Limit and Plastic Limit Wet Sieved.

Sheet 1 of 2.



Date Compiled by Checked by Date Approved by Date 28/9/01 28/9/01 28/9/01

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Contract No NL211004

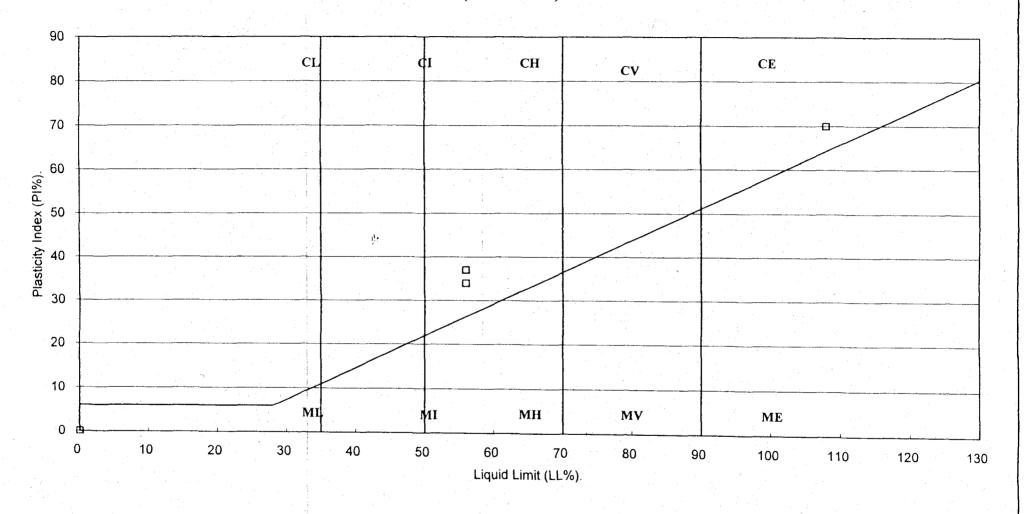
Figure:

TG/7/1000/97 Aug 97 Issue No.3

NL2.XLS

PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION.

(B.S.5930: 1999)





Compiled by	Date	Checked by	Date	Approved by	Date
84000000	28/9/01	R Cm	28/9/01	R Ci	- 28/a/u
		RICESTER			4 NY - NY - 1400 4

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Contract No NL211004

Figure:

TG/7/1000/97 Aug.97

NL2.XLS

BS1377:Part 2:1990.

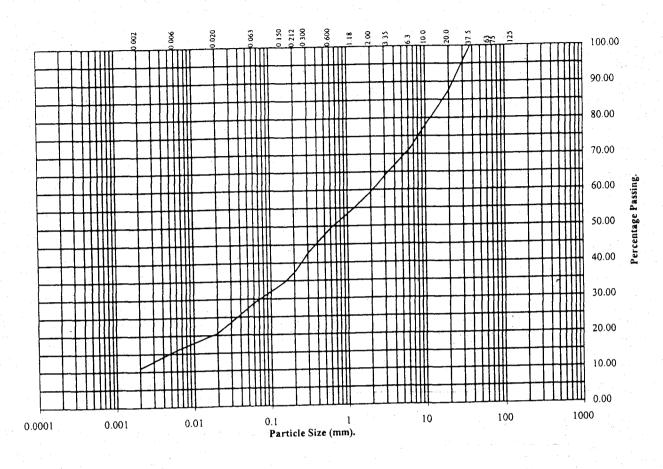
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Borehole/Sample Number:

2

Depth (m):

1.00



Percentage
Passing
100
100
100
100
88
78
72
65
59
55
49
43
38
35
29

Particle	Percentage		
Diameter	Passing		
0.02	21		
0.006	16		
0.002	11		

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 41 30 18 11

Remarks:
See summary of soil descriptions.

Checked By	Date	Approved By	Date
1 lin	25/9/01	R. Cm	25/9/0,



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BS1377:Part 2:1990.

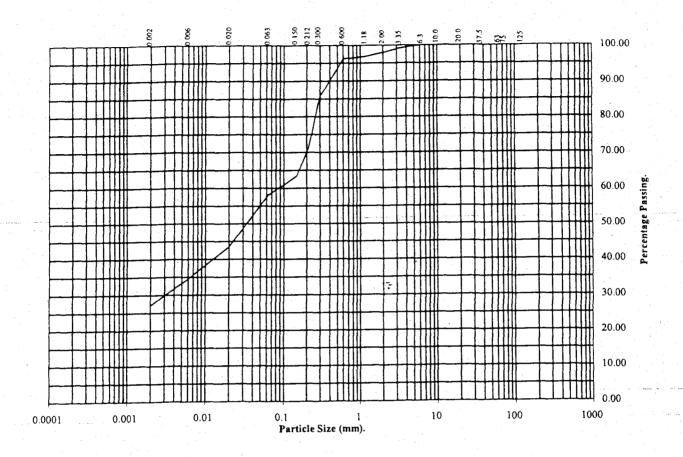
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

1A

Depth (m):

0.50



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	99
2	98
1.18	97
0.6	96
0.3	86
0.212	71
0.15	63
0.063	58

·	
Particle	Percentage
Diameter	Passing
0.02	43
0.006	35
0.002	27

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 2 40 31 27

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
Ren	14/9/01	Rlu	24/9/01



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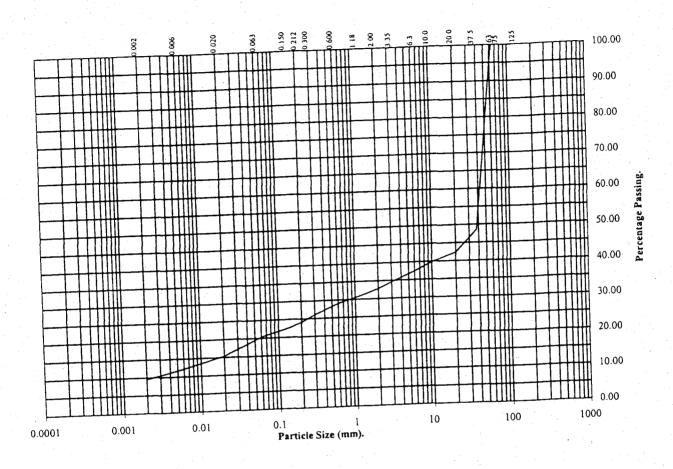
BS1377:Part 2:1990.

Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

Depth (m):

0.70



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	49
20	42
10	40
6.3	38
3.35	35
2	33
1.18	31
0.6	29
0.3	26
0.212	24
0.15	23
0.063	20
0.003	

<u> </u>	Particle	Percentage
I	Diameter	Passing
	0.02	15
	0.006	12
-	0.002	10

Soil	Total	
Fraction	Percentage	
Cobbles Gravel Sand Silt Clay	0 67 13 10	

See summary of soil descriptions.

Checked By	Date	Approved By	Date
Klin	24/9/01	Mlen	24/9/01



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BS1377:Part 2:1990.

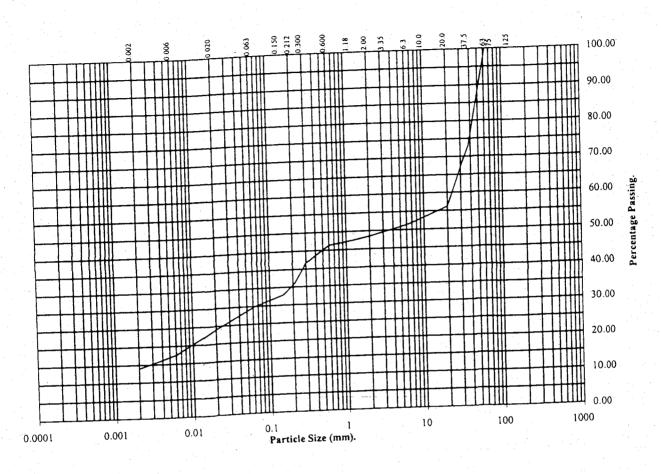
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

17

Depth (m):

0.50



BS Test	Percentage	
Sieve	Passing	
125	100	
75	100	
63	100	
37.5	73	
20	56	
10	53	
6.3	52	
3.35	50	
2	49	
1.18	47	
0.6	46	
0.3	42	
0.212	36	
0.15	33	
0.063	30	

Particle Diameter	Percentage Passing
0.02	24
0.006	18
0.002	14

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 51 19 16 14

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
Recker	24/9/01	Klin	24/9/01



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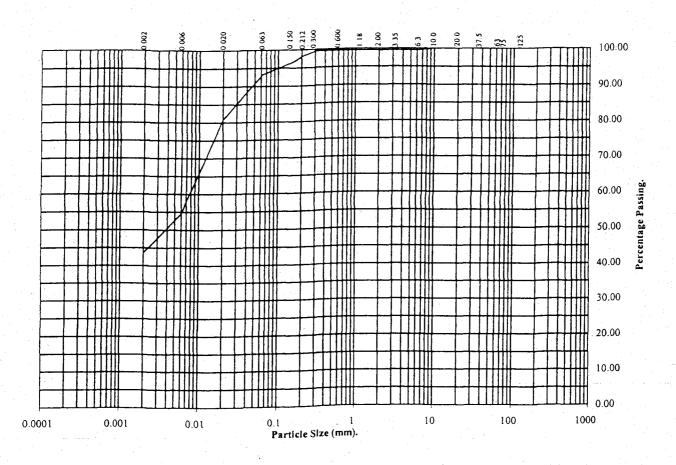
BS1377:Part 2:1990.

Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

Depth (m):

0.25



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	99
3.35	99
2	99
1.18	99
0.6	99
0.3	99
0.212	98
0.15	96
0.063	93

Particle	Percentage
Diameter	Passing
0.02	81
0.006	55
0.002	44

Fraction	Percentage
Flaction	
Cobbles Gravel Sand Silt Clay	0 1 6 49 44

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
R Com	24/9/01	Klu	24/9/01



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BS1377:Part 2:1990.

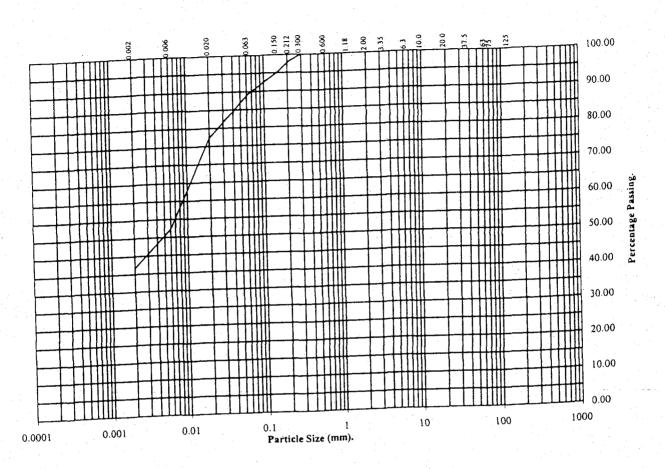
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

27

Depth (m):

0.30



Percentage
Passing
100
100
100
100
100
100
100
100
100
100
100
100
98
95
89

	Particle	Percentage
١	Diameter	Passing
	0.02	77
	0.006	52
	0.002	42

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 0 11 47 42

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
RCin	24/9/01	Rlin	WH9/01



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BS1377:Part 2:1990.

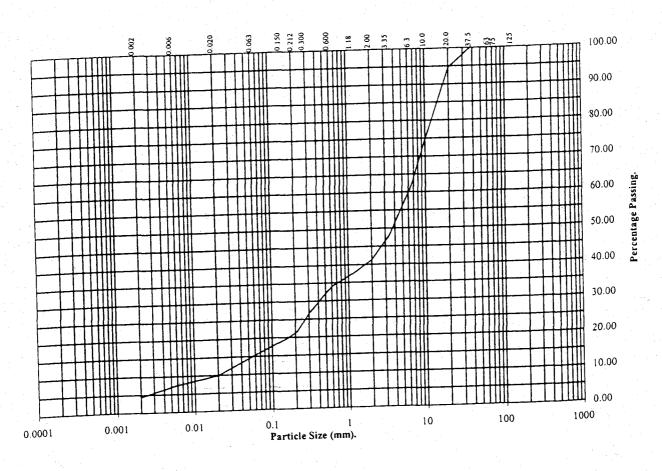
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

28

Depth (m):

0.33



BS Test	Percentage	
Sieve	Passing	
125	100	
75		
63	100	
37.5	100	
20	95	
10	75	
6.3	61	
3.35	48	
2	41	
1.18	38	
0.6	34	
0.3	27	
0.212	22	
0.15	19	
0.063	16	

Particle Diameter	Percentage Passing
0.02	10
0.006	8
0.002	4

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 59 25 12 4

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
Rlin	24/9/01	Ren	24/9/01



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BS1377:Part 2:1990.

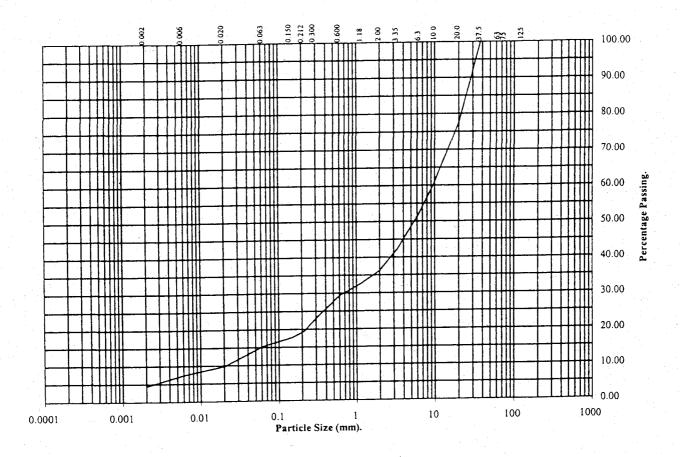
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

29

Depth (m):

1.20



BS Test	Percentage	
Sieve	Passing	
125	100	
75	100	
63	100	
37.5	100	
20	78	
10	61	
6.3	52	
3.35	42	
2	36	
1.18	33	
0.6	29	
0.3	23	
0.212	19	
0.15	18	
0.063	15	
•		

Particle	Percentage
Diameter	Passing
0.02	10
0.006	7
0.002	4

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 64 21 11 4

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
Ren	24/9/01	R Cin	24/9/01



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BS1377:Part 2:1990.

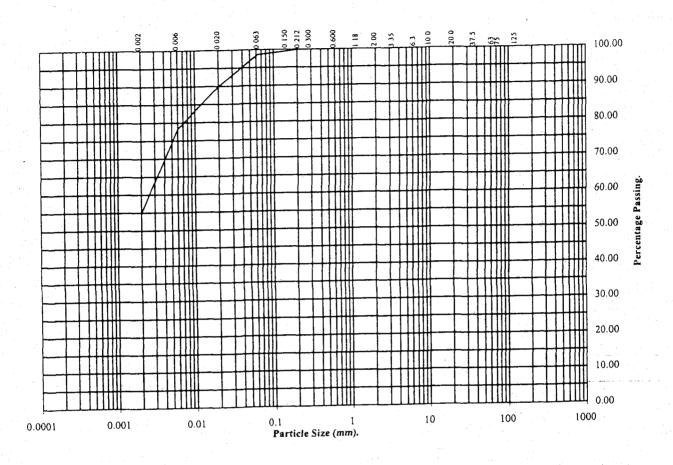
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

30

Depth (m):

1.80



BS Test	Percentage	
Sieve	Passing	
125	100	
75	100	
63	100	
37.5	100	
20	100	
10	100	
6.3	100	
3.35	100	
2	100	
1.18	100	
0.6	100	
0.3	100	
0.212	100	
0.15	99	
0.063	99	

Particle	Percentage
Diameter	Passing
 0.02	90
0.006	78
0.002	55

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 0 1 44 55

Rei	ma	rk	S

See summary of soil descriptions.

Checked By	Date	Approved By	Date
Clin	24/9/01	Rlin	24/9/01



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BS1377:Part 2:1990.

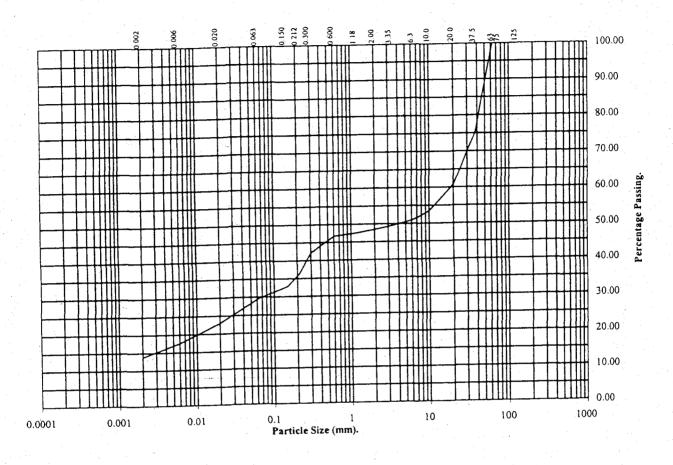
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

35

Depth (m):

0.50



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	75
20	61
10	53
6.3	51
3.35	49
2	48
1.18	48
0.6	47
0.3	42
0.212	36
0.15	33
0.063	30

Particle	Percentage
Diameter	Passing
0.02	23
0.006	18
0.002	14

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 52 18 16 14

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
R Cu	24/9/01	Rlin	24/9/01



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BS1377:Part 2:1990.

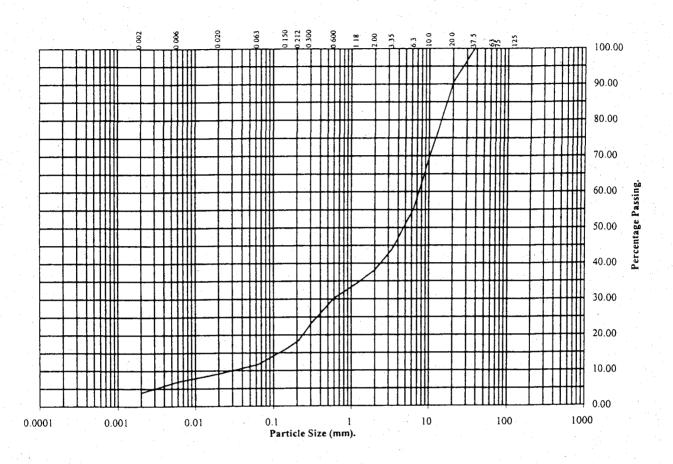
Wet sieye and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

39

Depth (m):

1.50



BS Test	Percentage
Sieve	Passing
125	100
7.5	100
63	100
37.5	100
20	90
10	69
6.3	55
3.35	44
2	38
1.18	34
0.6	30
0.3	23
0.212	18
0.15	16
0.063	12
:	<u> </u>

Particle	Percentage
Diameter	Passing
0.02	9
0.006	7
0.002	4

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 62 26 8 4

Remarks:
Remarks: See summary of so

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Checked By	Date	Approved By	Date
Ren	24/9/01	Ren	24/9/01



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BS1377:Part 2:1990.

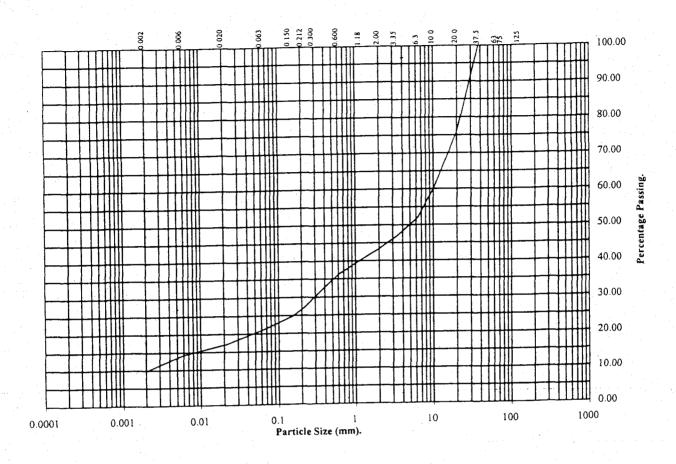
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

45

Depth (m):

0.70



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	100
20	76
10	60
6.3	52
3.35	47
2	43
1.18	40
0.6	36
0.3	30
0.212	2,7
0.15	25
0.063	21

Particle	Percentage
Diameter	Passing
0.02	17
0.006	14
0.002	10

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 57 22 11 10

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See summary of soil descriptions.

Checked By	Date	Approved By	Date	
Rem	25/9/01	Rlin	25/9/41	



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BS1377:Part 2:1990.

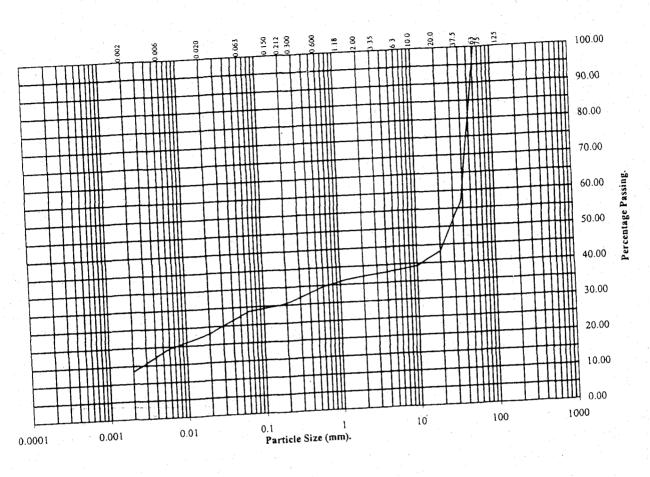
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit/Sample Number:

48

Depth (m):

1.00



BS Test	Percentage	
Sieve	Passing	
125	100	
75	100	
63	100	
37.5	57	
20	43	1
10	39	
6.3	39	
3.35	38	1
2	37	1
1.18	36	1
0.6	35	1
0.0	32	1
0.3	31	.
	30	
0.15	29	
0.063		

Particle	Percentage
Diameter	Passing
0.02	23
0.006	19
0.002	13

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 63 8 16 13

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
Zan	25/9/01	Klin	2579101



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BS1377:Part 2:1990.

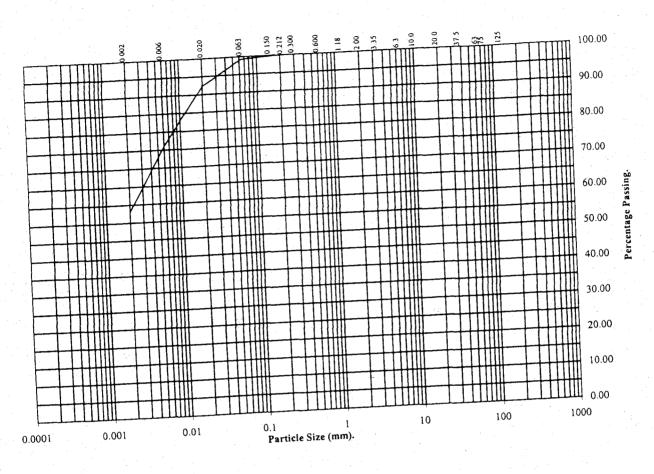
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

49

Depth (m):

0.57



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	100
20	100
10	100
6.3	100
3.35	100
2	100
1.18	100
0.6	100
0.3	100
0.212	100
0.15	100
0.063	99
L	

Particle	Percentage
Diameter	Passing
0.02	92
0.006	76
0.002	58

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 0 1 41 58

Remarks:

See summary of soil descriptions.

	1	Approved By	Date
Checked By	1224	Approved 25	1 dala
11/2	25/9/01	1 Rau	2317101



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BS1377:Part 2:1990.

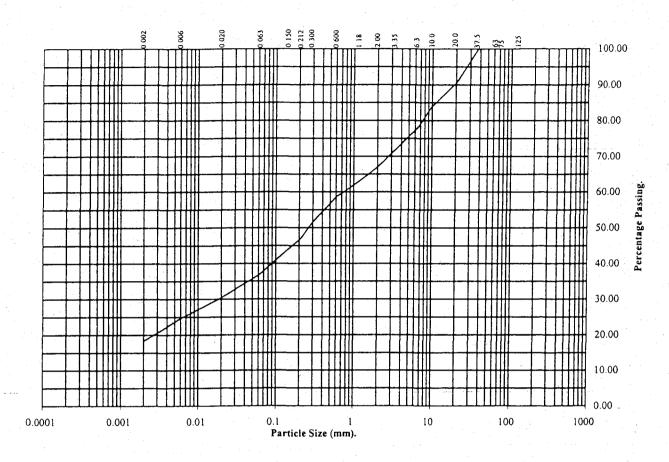
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

52

Depth (m):

1.40



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	100
20	90
10	84
6.3	78
3.35	72
2	67
1.18	63
0.6	59
0.3	52
0.212	47
0.15	44
0.063	37
· · · · · · · · · · · · · · · · · · ·	

Particle	Percentage
Diameter	Passing
0.02	30
0.006	25
0.002	18

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 33 30 19 18

R	em	ar	ks	:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
Rlim	25/9/01	Ra	25/9/01



BICESTER

BS1377:Part 2:1990.

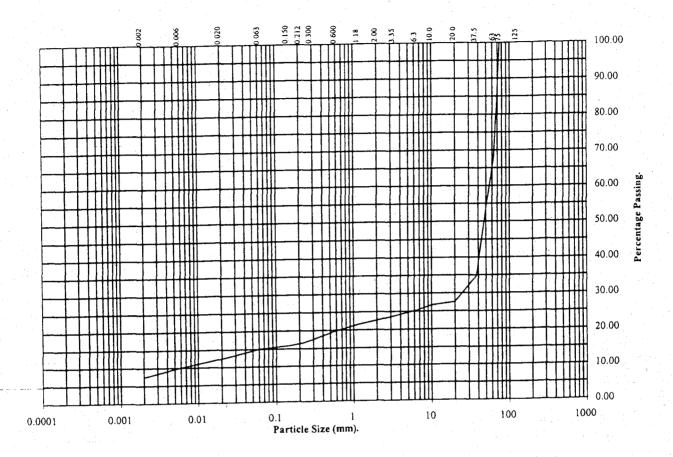
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit/Sample Number:

59A

Depth (m):

1.00



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	68
37.5	35
20	28
10	27
6.3	25
3.35	24
2	23
1.18	22
0.6	20
0.3	18
0.212	17
0.15	16
0.063	15

Particle Diameter	Percentage Passing
0.02	12
0.006	10
0.002	7

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	32 45 8 8 7

Remarks:			
Remarks: See summary	of soil	descri	ptions.

Checked By	Date	Approved By	Date
R.Com	25/9/01	1/0-	25/9/01



BICESTER

BS1377:Part 2:1990.

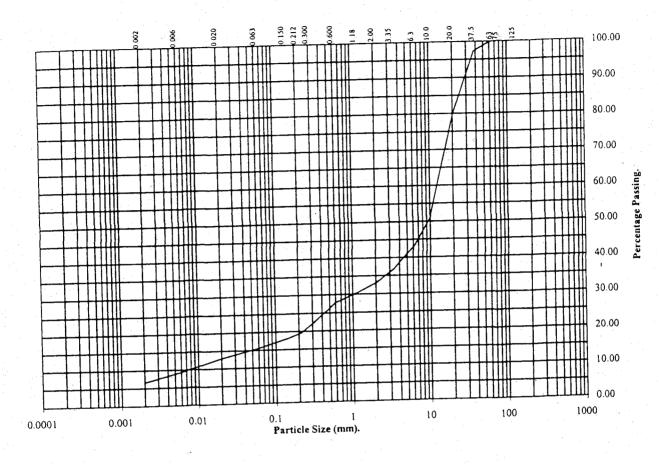
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

61

Depth (m):

0.50



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	97
20	80
10	51
6.3	43
3.35	37
2	33
1.18	31
0.6	28
0.3	22
0.212	20
0.15	18
0.063	16

Particle	Percentage	
Diameter	Passing	
0.02	13	
0.006	9	
0.002	7	

Soil	Total	
Fraction	Percentage	
Cobbles Gravel Sand Silt Clay	0 67 17 9 7	

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
16 Cm	25/9/01	Ra	25/9/01



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BS1377:Part 2:1990.

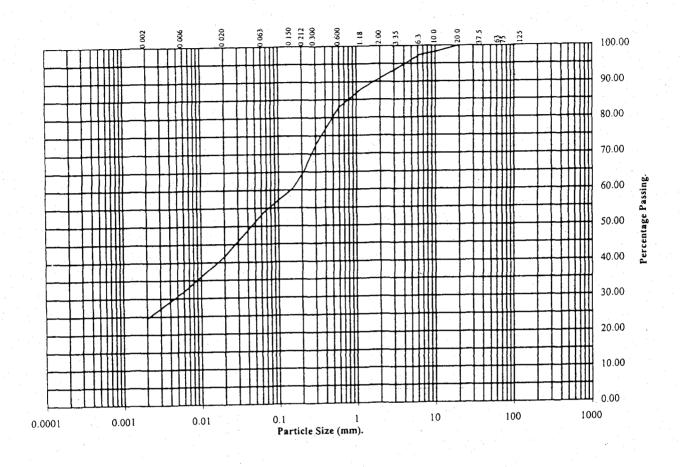
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

63A

Depth (m):

1.00



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	100
20	100
10	.98
6.3	97
3.35	94
2	91
1.18	88
0.6	83
0.3	72
0.212	65
0.15	60
0.063	54

Particle	Percentage
Diameter	Passing
0.02	42
0.006	32
0.002	25

Soil	Total	
Fraction	Percentage	
Cobbles Gravel Sand Silt Clay	0 9 37 29 25	

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
K Cm	25/9/01	Ra	25/9/01



BICESTER

BS1377:Part 2:1990.

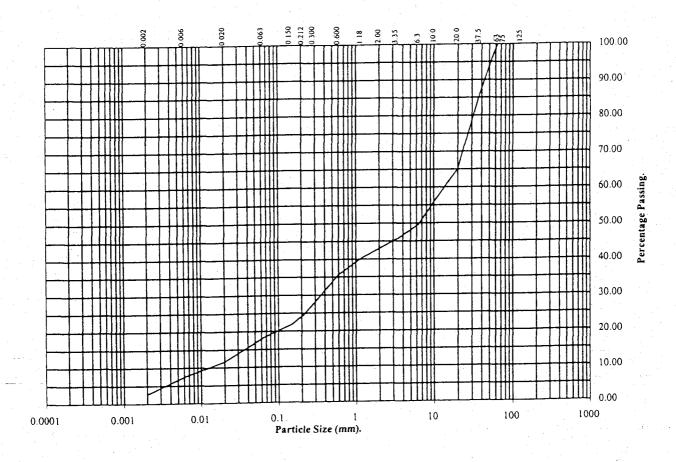
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

64

Depth (m):

0.60



Sieve Passing 125 100 75 100 63 100 37.5 86 20 65 10 56 6.3 50 225 46	BS Test	Percentage
75 100 63 100 37.5 86 20 65 10 56 6.3 50	Sieve	Passing
63 100 37.5 86 20 65 10 56 6.3 50	125	100
37.5 86 20 65 10 56 6.3 50	75	100
20 65 10 56 6.3 50	63	100
10 56 6.3 50	37.5	86
6.3 50	20	65
	10	56
225 1 46	6.3	50
3.33 40	3.35	46
2 43	2	43
1.18 40	1.18	40
0.6 36	0.6	36
0.3 28	0.3	28
0.212 24	0.212	24
0.15 22	0.15	22
0.063	0.063	18

Particle	Percentage
Diameter	Passing
0.02	12
0.006	7
0.002	3

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 57 25 15 3

Remarks:	
See summary of so	il descriptions.

			
Checked By	Date	Approved By	Date
100-	25/9/01	R Con	25/9/0,



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BS1377:Part 2:1990.

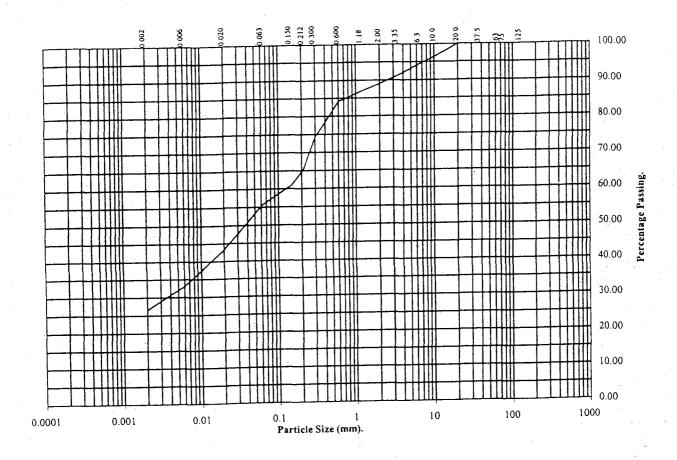
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

66

Depth (m):

0.30



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	100
20	100
10	96
6.3	94
3.35	91
2	89
1.18	87
0.6	84
0.3	74 .
0.212	65
0.15	61
0.063	56

	Particle	Percentage
. !	Diameter	Passing
	0.02	43
	0.006	33
	0.002	27

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 11 33 29 27

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
RCu	25/9/01	Ren	25/9/01



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BS1377:Part 2:1990.

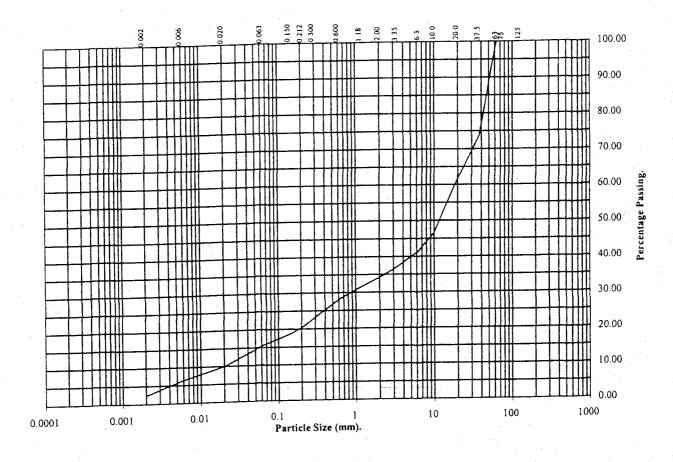
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

72

Depth (m):

0.30



BS Test	Percentage
Sieve	Passing
125	100
75	100
63	100
37.5	74
20	62
10	47
6.3	41
3.35	37
2	34
1.18	32
0.6	28
0.3	23
0.212	21
0.15	19
0.063	16

Particle	Percentage
Diameter	Passing
0.02	10
0.006	
0.006	6
0.002	2

Soil	Total
Fraction	Percentage
Cobbles Gravel Sand Silt Clay	0 66 18 14 2

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
1 Cm	1stala,	Rle	25/9/01



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BS1377:Part 2:1990.

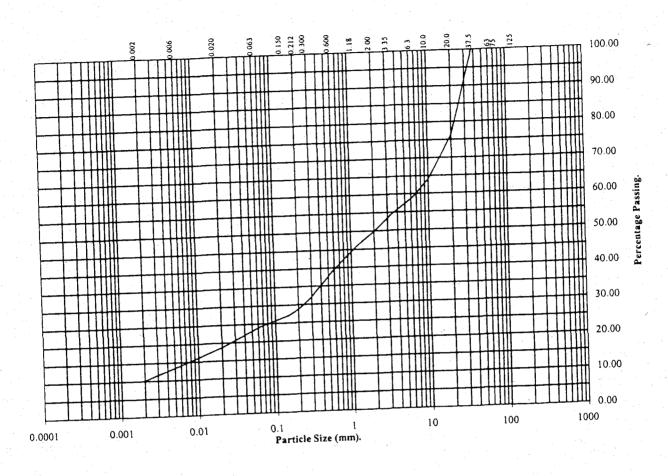
Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

72

Depth (m):

0.60



Percentage	
Passing	
100	
100	
100	
100	
76	
64	
59	
54	
50	
46	
40	
32	
29	
27	
24	

	•	
	Particle	Percentage
Ì	Diameter	Passing
	0.02	19
	0.006	14
	0.002	10

Soil	Total	
Fraction	Percentage	
Cobbles Gravel Sand Silt Clay	50 26 14 10	

See summary of soil descriptions.

Checked By	Date	Approved By	Date
	25/9/01	Klin	25/9/01



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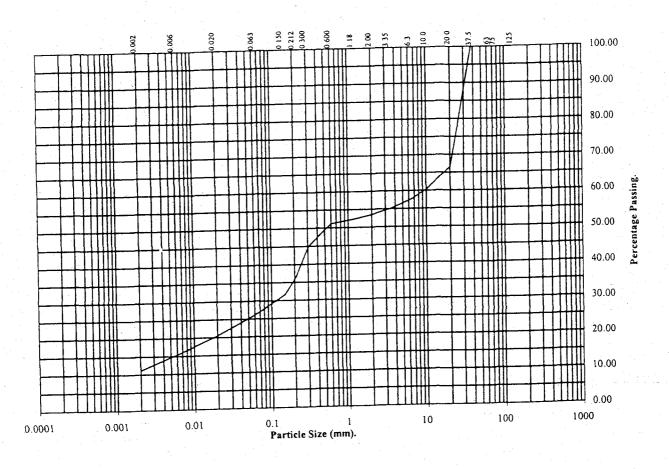
BS1377: Part 2:1990. Wet sieve and Pipette Analysis: Clause 9.2 9.4

Trial Pit /Sample Number:

79

Depth (m):

0.50



BS Test	Percentage	
Sieve	Passing	
125	100	
75	100	
63	100	
37.5	100	
20	66	
10	60	
6.3	58	
3.35	55	
2	53	
1.18	52	
0.6	51	
0.3	45	
0.212 37		
0.15	32	
0.063	26	

Particle	Percentage	
Diameter	Passing	
0.02	20	
0.006	15	
0.002	11	

Soil	Total	
Fraction	Percentage	
Cobbles Gravel Sand Silt Clay	0 47 27 15 11	

Remarks:

See summary of soil descriptions.

Checked By	Date	Approved By	Date
Rlu	25/9/01	Ren	25/9/01



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