CONSUL [®]	TING MINII RING GEO	VG & LOGIST		SITE				NE, ALDRID S LIMITED.	REF. 880		-В.	B.H. 1			
	SURVEYOR			DATES	DRILLED	/88	DIAMETER	1 50mm	SURFACE LEVEL						
TRACTOR	INVEST	TIGA'	TIOI ED.	MACH N E	NE PILCON IAYFAF	RER.	ORIENTATION CO-ORDINATES					CABLE PERCUSSIVE.			
ILLING & ASING OGRESS	WATER	TYPE	SAMP	DEPTH	BLOWS		STRAT	DESCRIPTION		LEGEND	DEPTH (m)	THICK- NESS Im>	O.D. LEVEL (m)		
/3/88).50-		DESCRI	PTION)	yey SAND (e to mediu		· · · · · · · · · · · · · · · · · · ·	0.20	0.20			
29		B		1.50- 2.50		Red br Red si	own san lty fin	dy CLAY _{DES} e to mediu	RILLERS CRIPTION am SAND	× · · · · · · · · · · · · · · · · · · ·	1.80 2.10 2.50	0.30 0.40			
						END OF	BOREHO)						
ΚΕΥ ο οι	STURBED S			s		RD PENETRATION TE		Boring term borehole.	r added to l inated at 2.	oorehole 50 metre:	at 0.20 s, cutt	ing shoe	janned		

& BL	nson. Oomei	77		s	ITE: B	RANTON HI	LL LANE, ALDRID				U	ე	
ENGIN	ULTING MI IEERING GI AL SURVEY	EOLOG							8071	L	B.H. 2		
	opyright F			4		- 7/3/88	DIAMÉTER 150mm	SURFACE LEV	~		SHEET 1 OF 1		
GROUN	DR D INVE ILING	STIG LIMI	ATI TED	ON .	PILCO WAYFA		VERTICAL.	CO-ORDINATE	s	DRIL	CABLE PERCUS		
DRILLING & CASING PROGRESS	WATER		SA REF	DEPTH	EST · BLOWS		STRATA DESCRIPTION		LEGEND	DEPTH (m)	THICK NESS (m)		
4/3/8	8		-			Pod ald	htlu silt. firs						
- - -		В	1	0.50	5	medium S	ghtly silty fine SAND	LO	*		1.60		
-	-	В	2	1.50-2.50	5		brown sandy CLA S DESCRIPTION)		 K	1.60 1.90	0.30		
		В	3	2.50- 3.50		Ked silt	y fine to mediu	m SAND	* * *. *.		1.60		
3 - 		В	4	3.50- 4.50		Red slig medium S	htly silty fine AND	to		3.50			
CASING //3/88		В	5	4.50- 5.50									
		В	6	5.50- 6.50					· •¥		5.50		
	2	В	7	6.50- 7.50					· · · · · · · · · · · · · · · · · · ·				
		В	8	7.50- 8.50					· · · · · · · · · · · · · · · · · · ·				
	▽ ▼ (8.80)	B W		3.50- 9.00 8.80					· · ×	9.00			
						END OF BC	REHOLE	Ŋ					
B BULK	RHED SAMP SAMPLE TURBED SAM			_ C _ C	ONE PENETRA		ныманка Standpip Water added to	e installe borehole	d to a de at 0.50 m	epth of etres.	9 metre	s.	
W WATE		VIT'EE			ATER STRUÇ FANDING WA				SCALE.	1	: 50		

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& BLO	TING MIN RING GEO	ING & DLOGI:		SIT			ILL LANE, ALDRIE REGATES LIMITED.	REF. 880	107777108-	-В.	Н.	3
C Cop	yright Re			7/		- 8/3/88	DIAMETER 1 50mm ORIENTATION	SURFACE LEVEL		DRILLI	ET 1 O	
ONTRACTOR GROUND AND PI	INVES			NC	PILCO WAYFA		VERTICAL.				CABLE PERCUSS	
DRILLING & CASING PROGRESS	WATER	Түре	SAM REF.	PLE OR TE DEPTH (m)	ST BLOWS		STRATA DESCRIPTION		LEGEND	DEPTH (m)	THICK- NESS (m)	O.D. LEVEL (m)
7/3/88		-				with sc	ty fine to mediu attered subround te gravel	um SAND led coarse	· · · · · · · · · · · · · · · · · · ·		0.80	
-	19	В	1	0.50- 1.50				RIPTION)		0.80	0.50	
						with sc coarse	ty fine to mediu attered subround quartzite gravel	led	×.	1.50	0.20	
	•	В	2	1.50- 2.50		Red sil	ty fine to mediu	um SAND	*			
		В	3	2.50- 3.50					× · · ·			
-		В	4	3.50- 4.50					· · ×		6.20	
		B	5	4.50- 5.50		7.			¥		0.20	
	DRY	В	6	5.50- 6.50	-	2			· · · · · · · · · · · · · · · · · · ·			
8/3/88 		В	7	6.50- 7.70	-				×	7.70		
-		-				END OF	BOREHOLE		<u>.</u>			
						0.30-0	ling hard_strata .80 metres: ½ ho .70 metres: 1½ h	ur				P. 19
								C				
	URBED SA	MPLE		s c		PENETRATION T	rest terminated borehole.	added to l at 7.70 m	orehole etres, c	at 0.4 utting] O metres shoe jan	. Borin med in
	K SAMPLE IISTURBED TER SAMPL			v Z Z	WATER ST				SCALE.		1:50	

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VG MININ NG GEOI RVEYOR INVES G LIM VATER	LOGIS: S erved TIGA	SAMP REF.	DATES MACH	S DRILLED 15/3 HINE PILCO WAYFA	/88 N RER. Sandy t	CGATES LIMITED. DIAMETER 150mm ORIENTATION VERTICAL. STRATA DESCRIPTION Opsoil (DRILLERS DESC and subrounded quartzite GRAVEL Law	fine to		SHEE	H. T 1 0 BLE RCUSSI THICK- NESS (m) 0.30	
ght Reso INVES G LIM	TIGA TIGA TYPE B	SAMP REF.	N MACH	15/3 PILCO WAYFA	/88 N RER. Sandy t Rounded coarse	150mm ORIENTATION VERTICAL. STRATA DESCRIPTION Opsoil (DRILLERS DESC and subrounded quartzite GRAVEL	N33.4 CO-ORDINATES	LEGEND	DRILLII CA PE DEPTH (m)	NG METHOD BLE RCUSSI THICK- NESS (m)	VE.
INVES G LIM	TIGA ITEL TYPE B	SAMP REF.	N LE OR TES DEPTH (m)	PILCO WAYFA	N RER. Sandy t Rounded coarse	VERTICAL. STRATA DESCRIPTION opsoil (DRILLERS DESC and subrounded quartzite GRAVEL	RIPTION) fine to	·	DEPTH (m)	BLE RCUSSI THICK- NESS (m)	O.C
VATER	В	SAMP REF.	DEPTH (m)	T	Sandy t Rounded coarse	opsoil (DRILLERS DESC and subrounded quartzite GRAVEL	fine to	·	(m)	NESS (m)	LEVI
	В	HEF.	(m)).50-	BLOWS	Rounded coarse	and subrounded quartzite GRAVEL	fine to	0 .0	0.30	0.30	
ŕ		1 (Rounded coarse	and subrounded quartzite GRAVEL	fine to	0 .0	0.30	0.30	
2		1			coarse sandy c	quartzite GRAVEL lav	with				
					1	lay		· · · · ·		1.20	
2	В		1					°-0 • • • • • • • • •	1.50		
ł	D		50		Red cla rounded coarse	yey sandy SILT w and subrounded quartzite gravel	fine to	0 × 0		0.70	
		2	.50- 2.50		Red san	dy SILT		• /	2.20		
	в	3	2.50-					T. * * *		1.30	
			3.50					· * · * * * · *	3.50		
	В	4			Red sil	ty fine to mediu	im SAND	· · · · · · · · · · · · · · · · · · ·			
			4.50					· · · · · · · · · · · · · · · · · · ·			
	В	5	5.00			7		, *. * .		4 00	
5.10)	W		5.10		×	8		· · · · · · · · · · · · · · · · · · ·		4.00	
	B	6	5.50-					X X			
			0.00					.+ 			
	В	7	6.50- 7.50				_	· · ·	7 50		
5.10	 				END OF	BOREHOLE	ð		1.50		
4.80						WERKAR &					
						yeard?					
			17				· J				
										dei 11	1 ng
	APLE		S C				added to be	orenole	co assi	at urri	*116.
	5.10 4.80	✓ ✓ B 5.10) W B 5.10 4.80 4.80	B 4 5 5.10) ₩ 5 B 6 B 7 5.10 4.80 4.80	B 4 3.50- 4.50 B 5 4.50- 5.10 B 5 4.50- 5.10 B 6 5.50- 6.50 B 7 6.50- 7.50 4.80 B 7 6.50- 7.50 4.80 C 10 C 10	B 4 3.50 B 4 3.50 B 4 3.50 C B 5 B 5 4.50 S.10 W 5 B 6 5.500 S.10 B 6 5.500 B 7 6.500 5.10 B 7 6.500 5.10 B 7 6.500 5.10 B 7 6.500 5.10 B 7 6.500 4.80 B 7 6.500 4.80 B C CONE PEN S STANDAR Matter C CONE PEN Watter St CUBBED SAMPLE S STANDAR	B 4 3.50 B 4 3.50 Red sil B 4 B 5 C V B 5 5.10 V B 6 5.500 S.10 B 6 S.500 S.10 B 6 S.500 S.10 B 7 6.50 S.10 B 7 6.50 S.10 B 7 6.50 S.10	B 4 3.50 B 4 3.50 Red silty fine to mediu Red silty fine to mediu B 5 S.10 5 B 5 B 5 S.10 5 B 6 S.50 S.10 B 6 S.50 S.10 B 7 6.50 S.10 B 7 6 5.10 B 7 6 5.10 B 7 6.50 S.10 B 7 8 7 8 8 8 8	B 3.50 B 4.50 Red silty fine to medium SAND B 4.50 B 5.10 B 6.50 S.10 B 6.50 S.10 B 7.50 Standard Fenerthation Itst AMPLE S STANDARD FENETHATION ITST AMPLE C COLL PENETHATION ITST UNBED SAMPLE Y	B 4 3.50 B 4 3.50 Red silty fine to medium SAND B 5 C 5 B 5 B 5 B 5 B 6 5.10 5 B 7 6 5.50 5.10 5 B 7 6 5.50 Standard 5 Standard 5 B 7 6 5.50 Standard 5 Standard 5 B 7 C Colument Admeter C C Colument Vester Standard Vester Standard Standard 5 Standard 5<	B 4 3.50 Red silty fine to medium SAND 3.50 B 4 3.50 Red silty fine to medium SAND 3.50 B 5 5.00 5.10 5.10 5.10 B 6 5.50- 5.10 5.10 5.10 B 7 6.50- 5.10 5.10 5.10 B 7 6.50- 7.50 7.50 S.10 END OF BOREHOLE 5.10 7.50 HED SAMPLE S STANDARD PENTIFICATION TEST 3.50 MARTE S STANDARD PENTIFICATION TEST 3.50	B 3.50 B 4.50 B 4.50 B 5.10 B 5.10 B 6.50 5.10 5.10 B 7.50 B 7.50 State 7.50

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SITE	BRANT	ом н	ILL	LANE	, ALDR	IDGE.	REFERENCI	E 88	3071		B.F	1.
DRILLING & CASING PROGRESS			SAN	PLE OR TE	ST		1		<u></u>		THICK	Т
PROGRESS	WATER	TYPE	REF.	DEPTH (m)	BLOWS	STRATA	DESCRIPTION		LEGEND	DEPTH (m)	NESS (m)	
CASING			-			Red SILT with f	ine sand	(cont)	· * · * · *	 10.50		
						END OF BOREHOLE				10130		-
-												
-		3		2								
_											е. К	
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.		-				10 10						
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					346							
				1089 T. (1								
										24		
KEY	<u></u>	<u></u>		REM	ARKS:	Borehole terminated	at 10 50					
D DISTURE	MPLE				(effective penetratio	at 10.00 me n. ')	ares que Co	J LACK O	L		
U UNDISTU 7 W WATER S		PLE										
S STANDA			EST									
WATER S								-				

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& BLO	ISON, I OMIEN	2			SIT	E: B	RANTON HI	ILL LANE, ALDRIDO	GE.		—B	.н.	5		
ENGINE	ERING GE SURVEYC	OLOGI		ç.		ENT: H		REGATES LIMITED.	880 SURFACE LEVE		Ĺ		-		
	yright Re	served	t		14	/3/88	-15/3/88	1.50mm \3.		3		SHEET 1 OF 2			
GROUND	INVES	STIG.	ATI D.	ON	MAC	PILC	ON ARER.	ORIENTATION VERTICAL.	CO-ORDINATES	,		DRILLING METHOD CABLE PERCUSSIVE.			
RILLING & CASING ROGRESS	WATER	Түре	т	MPLE O	тн	BLOWS	-	STRATA DESCRIPTION		LEGEND	DEPTH (m)	THICK- NESS (m)	O.D LEVE (m)		
4/3/88		2					Sandy to	opsoil		· <u>₩</u>		0.40			
		В	1	0.5			Red sil	ty fine to medium	n SAND	* * ** **	0.40	1.10			
ł		В	2	1.5			coarse S	ghtly silty fine SAND with occasic led fine quartzit	onal		1.50	1.00			
	-	В		2.5	0-		Red slig coarse subround	ghtly silty fine SAND with rounded ded fine to mediu te gravel	and	* * * * * * * * * * * * * * * * * * *	2.50	1.00			
		В	4	3.5			Red slig coarse S	ghtly silty fine AND with occasio led fine quartzit	nal	· · · · · · · · · · · · · · · · · · ·	3.50	1.00			
		В	5	4.50	2-		coarse S rounded and angu gravel s	htly silty fine AND with occasio fine quartzite g lar fine to medi ized fragments o	nal sub- ravel um	· · · · · · · · · · · · · · · · · · ·	4.50	1.00	20 •5		
		В	6	5.50	50		Red slig coarse S	ty sandstone htly silty fine AND with occasio fine quartzite g	nal sub-	· · · · · · · · · · · · · · · · · · ·	5.50	1.00			
		В	7	6.50 7.5			Red silt with red	y fine to medium silty clay	SAND		6.50	1.20			
		в	8	7.50			and occa medium g	y CLAY with fine sional angular f ravel sized frag green very weak	ine to ments of		7.70	0.80			
/3/88		в	9	8.50 9.5	50		sandston			-+- + 	8.50				
	• _	B		9.50 1 <u>0.</u> 5					ر 	× × × × × × × × × × × × × × × × × × ×		2.00			
KEY D DISTURI B BULK SJ	AMPLE			s c	ÇOF	NE PENETR	NETRATION TEST	REMARKS Water added to	borehole a	at 0.50 r	metres.	<u>k</u>			
U UNDIST	URBED SAN SAMPLE	A₽L£		∑ ▼		TER STRUG MOING WA	CK ATER LEVIL		Γ	SCALE	1	: 50			

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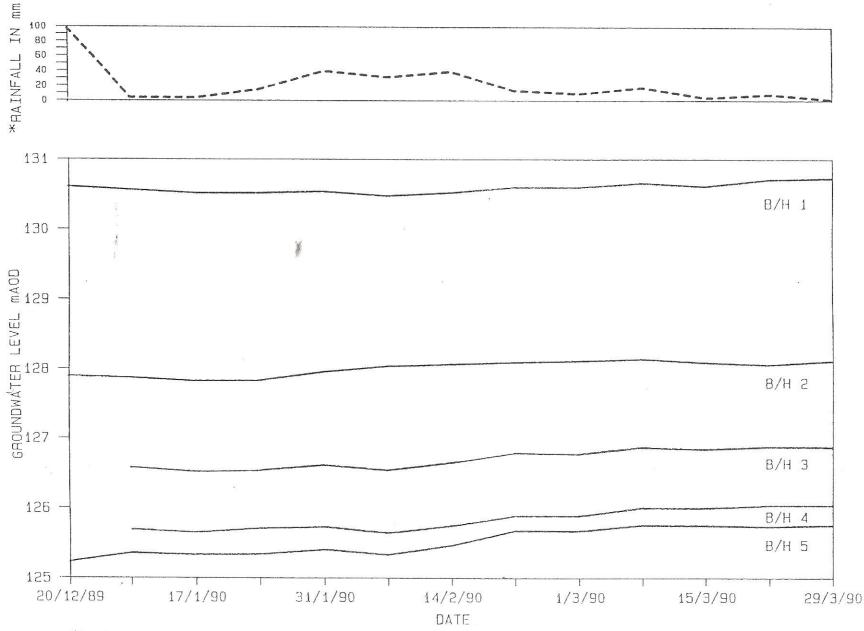
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AT BLISS SAND AND GRAVEL



KONTHENIL AT BOUDNE VALE PUMPING STATION

JPB Site Investigation Logs 1988

