

## N.C.D.O.T. GEOTECHNICAL UNIT BORING LOG

We en				·		<del>.,</del>								SHEE	T 1 OF 2	
	CT NO.		11002				R-2552A			OUNTY				GEOLOGIST M.	Lear	
	ESCRIP					~~~~		bypass (	-L-) ove	r White	Oak C	reek (	Austir	n pond)	GROUND WA	TER (m)
	IG NO.	B7-B I		BC	RING	LOCA	TION	41+76.4		OFFSI	ET 20.	3m R1		ALIGNMENT -L-	0 HR.	0.2
COLLA	AR ELEV	58.9	94 m	NORT	HING	208	,398.5			EASTI	NG 6	52,996	3.0		24 HR.	0.2
TOTAL	. DEPTH	19.1	9 m	DRILL	. MAC	HINE	CME-4	5/buggy	DRILL	METH	OD R	otary \	Wash	/Mud/Core HAMN	IER TYPE 63.5	kg manua
	STARTE		4/01			COM	PLETED	9/5/01		SURF	ACE W	ATER	DEPT	TH N/A		-
ELEV.	DEPTH	BL	OW CO	UNT			BLOWS	PER 30 C	M		SAMP.	$\mathbf{V}$	L	SOIL AND ROCK	DESCRIPTION	
(m)	(m)	15cm	15cm	15cm	?	20	40	60	80	100	NO.	MOI		· SOIL AND NOON	DESCRIPTION	
		٠.													•	
58.94	ė						•							F0.04		
58.94	0.00	1	2	2								Y	₩ŧ	58.94 Alluvium: Brown, slight		0.0 with
•	ŧ				: :									58.34 roots and wood fragme Alluvium: Gray, slightly		
57.59	1.35				]: :									(A-6) with roots	<b>,</b> , <b>,</b> , <b></b>	
:	‡	1	1	1	į į							W		•		
-	E				:	\: : : : :								<del>-</del> ·		
56.20	2.74	8	8	8	: :	\: : :							***	_56.44Alluvium: Brown, slight	ly clayey, silty, san	āy — — <sup>2.<u>ē</u></sup>
-	E		ľ	•	: :	16						Sat.	000	<ul> <li>rounded quartz GRAVI</li> <li>55,54</li> </ul>	EL (A-1-b)	3.4
	‡		· ·		: :	:/: : :								Residual: Tan, brown, slightly sandy, clayey S		ous,
54.59	4.35				] : :	#:::							<b> </b>	_ slightly sandy, diayey s fabric	incr (A-4) with relic	LTOCK
	‡	3	4	5	: :	<b>∳</b> 9 ∷ ∷						Sat.	Œ	•		
	E				: :	:/::::							<b>*</b>	<del>-</del>	•	
53.08	5.86				::	::\:							Œ	• •		
	E	5	11	14	] : :	:::\	25					Sat.		<b>-</b>		
	E				l : :					:		<b>!</b>	Æ			
51.52 .	7.42				· ·									·		
		8	12	15	1 : :		27					w	Œ	•		
-	F				l : :		<i>.</i>							- - ·		
49.99 1	8.95				l : :	• • • •	\					١.		•		
49.99	0.95	9	17	29			/.					м	Œ	• <b>-</b>		
	E													•		
40 EE -	10.39				: :					÷÷;			me E	48.94 Soft Weathered Rock:	Granite (not same	
40.00	10.39	50/0cm			: :					50/0cm			粉	- 48 23 No Recovery/Penetrat	on-Interpreted as I	10.
-	-				: :									Weathered Rock: Grain Hard Rock: Pink and g	nite rav. coarse graine	
					: :									slightly weathered to fr to sound, hard to very	esh, extremely frac	tured
-	-				: :								<b>&gt;&gt;&gt;</b>	(5 joints at 80-90° with at 45° with mica; extre	clay and mica, 3 ic	ints
1														with partial recovery from	om 10.71m to 11.6	Om.
•								:::::					<b>&gt;&gt;&gt;</b>	11.98m to 12.48m, and vertical fractures)	d 13.56m to 13.95r	n with
- 1	-				: :									•		
4	_				: :									- ,, 76	1	
1	-				: :								111	. 44.75 Hard Rock: Pink and g		arse 14
‡	-				::								<b>W</b>	grained, slightly weath moderately fractured to	sound, hard to ve	ery
1					::								<b>    </b>	hard Granite (3 joints at 43.40 50°; 1 joint at 70°)	at 90° with clay; 1 jo	oint at 15
-	_		-		: :						1			Hard Rock: Pink and grained, slightly weath	ray, fine to medium	n
1					: :									to moderately fracture	d, hard Granite (5 j	oints
1	_												<b>&gt;&gt;&gt;</b>	at 80-90° with clay; 7 jo 8 joints at 20-30° with	omus at ou-ou with clay)	•
‡								: : : :						41.75 Hard Rock: Pink and g	ray, fine to mediur	<u>17</u>
Ī	-			·									<b>****</b>	grained, slightly weath moderately fractured to	ered to fresh,	
1	:											l		<ul> <li>hard Granite (13 joints</li> </ul>	at 50-60° with clay	r, 3
‡	-												1//	joints at 20-30°)		



N.C.D.O.T. GEOTECHNICAL UNIT

BORING LOG

SHEET TOTAL SHEETS
89 107

	CT NO.		11002 Site 1:	Dual St			-2552AB Clayton by			y White			\ueti	n nond)	GEOLOG		·	D WATER (m)
									L-) 0VE	OFFSE				<del>,</del>	MENT -L-		0 HR.	0.2
BORING NO. B7-B RL BORING LOCATION 41+76.4									<del> </del>				ALIGINI	ALIGNMENT -L-			0.2	
COLLAR ELEV.         58.94 m         NORTHING         208,398.5           COTAL DEPTH         19.19 m         DRILL MACHINE         CME-45/buggy         DRILL							L	EASTING         652,996.0         24 HR.           METHOD         Rotary Wash/Mud/Core         HAMMER TYPE         63.5										
<del></del>				DRILL	MAC				DRILL	T						HAMI	MEK TIPE	03.5 kg mant
	TARTE		1/01				LETED			SURFA	SAMP.		DEP	TH N/A				
ELEV.   DEPTH   BLOW CO   (m)   (m)   15cm   15cm			15cm	15cm	0	BLOWS PER 30 CM 20 40 60			M 80	100	MOI G		SOIL AND RO			CK DESCRIPTION		
9.94						Contir	nued from	n previou	us page	<b>)</b>								
								***************************************					7777	_ 39.75 - -	Boring termin	nated at 1 Granite	9.19m (Elev:	39.75m) in
-																	cone and NQ	
-	-					*								-			nd 1.03g/cm <sup>3</sup>	
	-													-	_			of amazed
	-													-	location	I I.SIII LI	(along bent)	or proposed
	Ē													E				
	E		- ,5, · · · · · · · · · · · · · · · · · ·	- w-0.1 cs	)ra Baro					پيرمد	≓Le, evenile			E		e ee geee	. 1951	
	Ė		6 <b>4</b>		34.2		er official			3 -	Gale, 1969 tage	* Printing Line :			The American	The second of the second of	* ************************************	en en en en en
	<u> </u>		an anamanananan				Market Spirit Printers, Michigan Printers				and the second second second			<b>L</b>				
	Ė													Ē				
-	‡ .													F			•	
	Ė													E				
	E				İ			,						<u> </u>				
	ŧ	1					•							E				
-	‡													F				
	Ė							-						E				
_	Į.			1										<u> </u>				
	ŧ													E				
	Ŧ											·   ·		F	,	<b>3</b> 2.		
	‡			1.										E	v	r <sup>2</sup> n		
	Ξ.													E				•
	‡													F	,			
	Ė								,	٠				E				
	‡													F.				
	‡												1	E				
	Ŧ				1									ţ.				
	ŧ													E				
•	Ŧ													E				٠.
	‡													E				
•	<del> </del>													F				
	‡											1		E	•			
•	Ī													F				
	<u> </u>				Į.						1			F				
•	ŧ						•							E				
	Ŧ	1		1.										<u> </u>				•
	‡										.			F				
	Ŧ		1		I									E				