

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

	A													SHEET 1 OF 2
PROJE	CT NO.	8.T31	1002	***************************************		ID. R	-2552AB		C	YTNUC	Johns	ston		GEOLOGIST M. Lear
SITE D	ESCRIP'	TION	Site 1:	Dual St	tructu	res on (Clayton by	ypass (-l) ove	r White	Oak C	reek (/	Austir	n pond) GROUND WATER (m
ORIN	G NO.	B6-B R	L	ВО	RING	LOCAT	10N 41	+52.0		OFFSI	ET 21.0	6m RT		ALIGNMENT -L- 0 HR. 0.00
OLLA	R ELEV	58.6	3 m	NORTI	HING	208.4	106.3				NG 6			24 HR. 0.00
	DEPTH	18.67					ME-45/b	uggy	DPILI	METH				/NQ Core HAMMER TYPE 63.5 kg mar
				DRILL	WIAC				DRILL					
	DEPTH		0/01 DW COL		г	<u> </u>	LETED			SURF	ACE W	AIER	DEP	TH N/A
					0	20	BLOWS P 40	60 ER 30 CR	л 80	100	SAMP.	\	ō	SOIL AND ROCK DESCRIPTION
(m)	(m)	15cm	15cm	15cm	<u> </u>	20					NO.	MOI	G	· :
										*				
58.63												-		58.63
58.63	0.00	WOH	WOH		1.0						SS-21	Sat.		Alluvium: MUCK
	 			wo	TT:									<u>. </u>
:	F				:							.		Alluvium: Gray CLAY (A-7-5) with roots and
57.18	1.45	WOH	1	1	1:1:						SS-17	63 2%		organic debris
	E	****	•	'	•2				 		00-11	100.27		-
	<u> </u>				- -									- - 56.03
- 55.57	3.06				:-	÷÷							800	Alluvium: Tan, fine to coarse sandy, rounded
,0.01	- 3.00	14	13	5	│ ∷ ∶						SS-18	Sat.		- quartz GRAVEL (A-1-b)
-	‡				1::	: : " !":						1		
	Ŧ				• •	. ႕		• • • • .		• • • •			000	754.63
53 8 <i>4</i> -	4.79				: :									fine SAND (A-2-4)
50.04	‡ ""	4	5	8	1::						SS-19	Sat.		
	‡				: :	. 7.5. :								- - 53.03
52.56	6.07					/	• • • •						000	Residual: Pink and white, clayey, silty, sandy,
	I	6	11	12	1::	_	23				SS-20	w	000	granite rock fragment GRAVEL (A-1-b)
-	Ŧ				: :		S .:::						000	
	‡				1::		::\:							Residual: Tan and white, slightly clayey, silty
<u>51.04</u>	7.59	14	29	35	┨ ・・			· · ·				l w		SAND (A-2-4) with relict rock fabric and gravel-sized rock fragments (Granite)
	ŧ	'-	25	35	: :				<u>.</u> :			**		
_	Ŧ				: :				::	:		1		
49.75	8.88	100/3cm			1::					00/3cm			KICH.	49,54 Hard Weathered Rock: Granite
	‡ ·	100/041			1::									Hard Rock: Green and white, fine to medium grained, moderately weathered, extremely
•	‡				: :							1		fractured to sound, moderately hard Granite (1
	Ŧ				::					: : :			115	ioint at 40°) No Recovery-Interpreted as Hard Weathered
	£				: :		· · · · ·			: : :			1	-47.85 Rock: Granite
	‡				1::		 			: : : [Hard Rock: Green, white, and pink, fine to medium grained, moderately weathered,
	‡													extremely fractured to sound, moderately hard Granite (1 joint at 40°; 2 joints at 80-90°)
	‡	1		ŀ									ME.	No Recovery-Interpreted as Hard Weathered
AE 07	† + 12.76				: :	·. · · · ·	 			:::		1	16	Rock: Granite
4 0.6/ ·	T 12.76	100/1cn	d		1::	<i>.</i>			: : : 1	100/1cm	1		M	- 45.69
	Ŧ.													Hard Rock: Green, white, and pink, fine to medium grained, moderately weathered,
	‡								• • •	:::				moderately fractured to sound, moderately
	†			1	1:					: : :				hard Granite (12 joints at 30-40°; 1 joint at 50°; 2 joints at 80-90°, extremely fractured
•	‡													zone from 15.28m to 15.77m (vertical joints))
	‡									:::				
•	‡				1:					:::1				42.00
•	‡		1										缈	42.96 No Recovery-Interpreted as Hard Weathered
	‡				1:					:::			M	42.30 Rock: Granite
	‡				:					:::1		1		Hard Rock: Pink and gray, fine to medium grained, moderately weathered, extremely
	Ŧ				:									fractured to sound, moderately hard Granite (4
	Ī								• • •	:::				joints at 20-30°; 3 joints at 70-80° with clay; 1 joint at 90° with clay; extremely fractured zone
	Ŧ			1	1:					: : :		1		from 18.28m to 18.42m-no recovery due to
	T-													
	Ī				:									core blocking off)



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BORING LOG
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PROJE	CT NO.	8.T31	1002			ID. R	-2552A	3	CO	UNTY	Johns	ston			GEOLOGI	ST M.	Lear	
SITE D	ESCRIP1	ION	Site 1:	Dual S	tructu	ires on C	Clayton I	oypass (-L-) over	White	Oak C	reek (/	Austi	n pond)			GROUN	D WATER (m)
BORIN	G NO.	B6-B R	lL.	ВО	RING	LOCAT	ION 4	1+52.0		OFFSE	T 21.	6m RT	•	ALIGNN	MENT -L-		0 HR.	0.00
COLLAR ELEV. 58.63 m NORTHING					G 208,406.3 EASTI						52,973	.1				24 HR.	0.00	
TOTAL	DEPTH	18.67	7 m	DRILL	MAC	HINE C	ME-45/	buggy D	RILL	METHO	DD R	otary \	Vasl	h/NQ Core	e	HAMM	ER TYPE	63.5 kg manual
	TARTE		80/01					7/31/01		SURFA			DEP	TH N/A	···			·
ELEV. DEPTH BLOW COUNT							PER 30 CM	00		SAMP.		O L		SOIL AN	D ROCK	DESCRIPTI	ON	
(m)	(m)	15cm	15cm	15cm	٩	20 1	40	60	80	100	NO.	/MOI	G					
		·																
39.63						Contin	ued from	m previous	page									
•	-													-	Hard Rock: Gr			
		·													Bits used: 10.2		NQ core bit	
	-		:			*								- '	Drilling Fluid: \	Vater		
														<u> </u>				
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	‡													E				
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