DATE DRILLED: LOCATION:	3-6-96 See Figure 3	BORING NO. IIB-1 ELEVATION:	
MOISTURE CONTENT (% OF DRY WT) DRY DENSITY (LBS/CU FT)	SAMPLE BLOWS/FT. DEPTH (FEET) USCS	SOIL DESCRIPTION SOIL STURE	CONSISTENCY
R	SP :	GRAVELLY SAND -w/some silt, brown, -w/grey lenses dry	loose
R	1— 2— 3—		
	5— 6— 7—		
	9-	sl moist- moist	dense
	11 — 12 — 13 —		
R		Bottom at 15 feet	
R- RING SAM	ECOVERY/%RQD	T NOTES: Water not encountered.	
	WESTERN TECHNOLOGI INC. 4186JL043	ES PROJECT: CITY OF HENDERSON BORING LOG	PLATE 1

:

LOCA	DRILLE TION:	ED: 3	3-6- See	96 Figu	re 3		B	RING NO. IIB-2 ELEVAT	TON:	. ,
MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	оертн (FEET)	SUSU	GRAPHIC	SOIL DESCRIPTION	MOISTURE	CONSISTENCY
				:		FILL		GRAVELLY SAND -w/silt, lt. brown	dry	·
		R			1-					
					2					
	:				3					
					4				sl.	
					5				moist- moist	
					6—					•
	-				7					
					8					
						SM		GILTY SAND -w/some gravel, lt.		
					9—			brown		
					10 —			,		
					11					
					12-				moist	dense
					13					
					14—					
					15-			Bottom at 15 feet		<u> </u>
CDT	STAND.	155		TTOTAL	1 0 1 0 1	11.00		Lyomen W.		
SPT- R- C-	STAND RING S CORE:	AMPL	E				165	NOTES: Water not encountered		
B- DRIV	BAG ING WE				14					
(.		W	ES	STE	ERN	ഹ	TES	PROJECT: CITY OF HENDERSON		PLATE
\		IN	iC.	· ·III'	IOL	UG	LES	BORING LOG		2

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MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	оертн (РЕЕТ)	nscs	GRAPHIC	SOIL DESCRIPTION	MOISTURE	CONSISTENCY
						SP		GRAVELLY SAND -w/silt, lt. brown	dry	loose
1	اد	R			1					
					2—					
					3					
					4					
					5—					
	•				6—	444				
`	;				7-					
					8-				sl. moist-	med. dense-
					9-				moist	dense
					10 —					
					11			e de la companya de l		
					12-					
					ŀ			·	-	
					13 -					
					14-			Bottom at 15 feet.		
					15-					
SPT- R- C- B-	RING CORE BAG	SAMI : %RI	PLE	VER'	Y/%R		EST	NOTES: Water not encountered.		
DKIV	ING W	1	VE	ST	ERN	1		PROJECT: CITY OF HENDERSO	N	PLA
\		, I	N(CHI C	ION	JUC	y LLL	BORING LOG		3

STA	LOCA	DRILL TION:	ED:	3-5. See	-96 Figu	re 3		В	ORIN	G NO.	IIB-4	1	ELEVAT	ION:	
EK	MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	SOSA	GRAPHIC			_ DESCR			MOISTURE	CONSISTENCY
AT OTHER						1 —	SM		SILTY	SAND -w	/gravel,	lt brown		dry	med dense
AT THIS LOCATION AND AT THE TIME OF LOGGING. CONDITIONS MAY DIFFER AT THIS LOCATION WITH TIME. DATA PRESENTED IS A SIMPLIFICATION.			R			2— 3— 4— 5— 6— 7— 8— 9— 10— 11— 12— 13—				· ·				sl moist- moist	dense
ES ONLY CHANGE						14—				Boti	om at 15	feet.			
APP.						15—									1.034
THIS SUMMARY , LOCATIONS AND	R- C- B-	STANE RING S CORE: BAG NG WE	SAMPL %REC	E O	/ERY		QD	EST		NOTES:	Water 1	10t encou	ntered.		
- =			W	ES EC	STE	RN	OG	IES		PROJECT	CI		ENDERSON G LOG		PLATE 4
	PROJE	CT NO			JL04	13						•	-		

	OCAT	DRILLEI ION:		3-5- See	96 Figu	re 3	<u> </u>	В	ORIN	G NO.	IIB-5	ELEVAT	ION:	
MOISTURE	CONTENT' (% OF DRY WT)	ORY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	оертн (РЕЕТ)	USCS	GRAPHIC		SOIL	. DESCRIPTI	ON	MOISTURE	CONSISTENCY
я ат отнея		-	R		-	1	SM		SILTY	SAND -w	/gravel, lt. bro	own		med dense
AY DIFFER						2—							dry	
CONDITIONS MAY DIF A SIMPLIFICATION.						3								
IS A			:			5—	,						43	
IME OF LOGGING. DATA PRESENTED						6— 7—			-					
						8-							sl.	dense
4 AND AT THE WITH TIME.					3	9-	·						moist- moist	
LOCATION LOCATION W						11			;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;	ني				
THIS THIS L						12-								
CHANGE AT						14—				Bott	om at 15 feet.			
APPL 3	Der d		77.7			15—	¥1 m			MOTEC	Water not en	and the second		
SNOTT AS C BY	I :- (- I	STANDA RING SA CORE: % BAG	MPL &REC	E COV	'ERY	′/%R(QD	i Gi		NOTES:	rraici nut en	icomitei eu.		
F9 D	RIVIN	NG WEIG	W	ES	STE	RN OL		IES		PROJECT	CITY O	F HENDERSON		PLATE
Pi	ROJE	CT NO.	IN	IC.	JL04				<u>.</u>		BOR	ING LOG		5

See Figure 3		NG NO. IIB-6	LEVATION:	<u>.</u> ,
	USCS	SOIL DESCRIPTION	MOISTURE	CONSISTENCY
\$	SM SILT	Y SAND -w/gravel, lt. brown	dry	med dense
R 1-				
2				
3—				
4-				
5—		*		
6				
7-				
8-			sl moist-	dense
9-			moist	
			·	
		<i>*</i>		
			·	
				÷
14—		Bottom at 15 feet.		
15				
	N TEST	NOTES: Water not encountered	<u> </u>	-
RECOVERY/%RQ	D			
		PROJECT: CITY OF HENDI	ERSON	PLAT
	OGIES			6
	RD PENETRATION MPLE RECOVERY/% RQI 11— 11— 12— 13— 14— 15— 15— 140 WESTERN TECHNOLO	SOUND SOUND SILT	SOIL DESCRIPTION R SM SILTY SAND -w/gravel, lt. brown SM SM SILTY SAND -w/gravel, lt. brown SM SM SILTY SAND -w/gravel, lt. brown SM SM SILTY SAND -w/gravel, lt. brown NOTES: Water not encountered with the property of the property o	BALL AND LAW SOIL DESCRIPTION SM SILTY SAND -w/gravel, it. brown AT STATEMENT STATEMENT SOIL DESCRIPTION SOIL DESCRIPTION BALL STATEMENT SAND -w/gravel, it. brown dry dry AT STATEMENT SAND -w/gravel, it. brown dry SILTY SAND -w/gravel, it. brown dry SILTY SAND -w/gravel, it. brown dry BALL STATEMENT SAND -w/gravel, it. brown AT STATEMENT SAND -w/gravel, it. brown Dry BALL STATEMENT SAND -w/gravel, it. brown AT STATEMENT SAND -w/gravel, it. brown Dry BALL STATEMENT SAND -w/gravel, it. brown AT STATEMENT SAND -w/gravel, it. brown Dry BALL SAND -w/gravel, it. brown AT STATEMENT SAND -w/gravel, it. brown BALL SAND -w/gravel, it. brown AT STATEMENT SAND -w/gravel, it. brown BALL SAND -w/gravel, it. brown BALL SAND -w/gravel, it. brown AT STATEMENT SAND -w/gravel, it. brown BALL SAND -w/gravel, i

LOCA	DRILLE TION:	ED:	3-5- See	96 Figu	re 3		В	ORING NO. IIB-7 ELEVAT	MON:	
MOISTURE CONTENT: (% OF DRY WI)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	nscs	GRAPHIC	SOIL DESCRIPTION	MOISTURE	CONSISTENCY
						SP		SAND -w/some gravel, brown		loose
		R			i —					m.dense
H SIMPLIFICHTION.		K			2				sl moist	
11.104					3-	SM		SILTY SAND -w/dark brown		
1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0					4—					
S.					5					, , , , , , , , , , , , , , , , , , ,
FRESENTE					6—					
DATA PRES					7			-grey	moist	dense
TI WE					8			-dark brown		
I H					9-			e e		
Location	<u>.</u>								Į	
					11-				v moist-	
THIS THIS					12-			Bottom at 12 feet.	wet	.6
ΡΑΤ								bottom at 12 feet.		
CHANGE					13-					
MAY CHE					14					
皇	077.43.7	100			1) T	FRE	NOTES: Very moist conditions encou	ntorod at 11	5 feet
SNOILE C- B-	STANI RING S CORE: BAG	SAMP %RE	CO	VER	//%R4	ДD	E31	NOTES. Very moist conditions encour	mencu at 11.	<u>.</u>
DRIV	ING WE				14 T DN I			PROJECT:		PLATE
	4	T	E(NC	H	ERN NOL	OG	HES	CITY OF HENDERSON	N	7
PROJ	ECT NO		418	6JL0	43					

LOCA	DRILLE TION:	D: 3 S	-5-96 ee Fig	ure 3		ВС	ORING NO. IIB-8	ELEVAT	ION:	\$
MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE BLOWS/FT.	DEPTH (FEET)	SOSU	GRAPHIC	SOIL DESCRIPTIO	М	MOISTURE	CONSISTENCY
					SM		SILTY SAND -w/some gravel, lt brown		dry	loose m.dense
		R		2- 3- 4- 5- 6-			-w/clayey silt lenses -w/trace gravel		sl moist- moist	dense
				9- 10- 11-			-brown		very moist	
Change of the common of the co				13 -			Bottom at 13 feet.			ing a gold by the se
SPT- SPT- SPT- SPT- SPT- SPT- SPT- SPT-	STANI RING S CORE: BAG ING WE	SAMPI %REC	LE COVE	RY/%R		EST	NOTES: Very moist co	onditions encour	itered at 12.5	
(ECT NO	W TI	ES	TERN INOI	LOG	SIES	5	F HENDERSON	Ī	PLATE 8

MOISTURE CONTENT OO OOY	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	,,,,	DEPTH (FEET)	GRAPHIC		SOIL	DESCRIPTION	MOISTURE	CONSISTENCY
,		R			FII 1— 2— 3——3		yellow l	orown	(D-w/organic debris,	sl moist	
					5—————————————————————————————————————	M.	brown	AND -W	trace gravel, lt		
					8— 9— 10—			يد		s! moist- moist	dense
ביים ביים ביים ביים ביים ביים ביים ביים					12 — 13 — 14 — 15 —			Bo	tom at 15 feet.	very moist	
SPT- R- C- B-	STANI RING CORE BAG /ING WI	SAMF : %RE	CO	VERY		D		NOTES	Water not encounte	red.	
J KI		V	VE	STE	RN	GIE	- 1	PROJEC	CITY OF HEN	•	PLAT 9

LOCA	DRILL TION:	ED:		96 Figu	re 3		ВС	ORING NO. IIB-10 ELEVAT	TION:	
MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	оертн (FEET)	USCS	GRAPHIC	SOIL DESCRIPTION	MOISTURE	CONSISTENCY
		e .				FILL		SILTY SAND -w/gravel and debris, brown	dry	
		R			1-	SM		SILTY SAND -w/some gravel, it brown		
SIMPLIFICATION					2-					
LIFIC					3					
					4			·		
ISP					5—					
PRESENTED					6—				sl moist- moist	
PRE					7—				IIIOISI	
р а та					8-					dense
TIME.					9					
HLIN					10 —					
OCATION L					11-					
-1					12					
THIS		 -			13 —				moist	
VGE AT					14	:				
Y CHANGE					15-			Bottom at 15 feet.		
AND MAY	:									
R-C-B-	STANI RING S CORE: BAG	SAMPL %REC	E OV	ERY	//%R()D	EST	NOTES: Water not encountered.		
PKIAI	ING WE	W	E	STE	ERN			PROJECT: CITY OF HENDERSON		PLATE
	3		C	TH'	OL	OG	IES	BORING LOG		10

MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	ОЕРТН (РЕЕТ)	USCS	GRAPHIC	SOIL DESCRIPTION	MOISTURE	CONSISTENCY
						LL		GRAVELLY SAND -w/silt and debris, brown	dry	
	State Control of the	R			1— 2— 3— 4— 5— 6— 7—	M		SILTY SAND -w/trace gravel, It brown	sl moist- moist	dense
					9— 10— 11— 12— 13— 14— 15—			Bottom at 15 feet		dense- very dense
SPT-	STANI	מסמר	DEX	IETP	ATION	TE	CT.	NOTES: Water not encountered.		, .
R- C- B-	RING S CORE: BAG NG WE	SAMPI %REC	E COV	ÆRY.)	i Ci	NOILS. Water not encountered.		
		W	ES	STE	RN			PROJECT: CITY OF HENDERSO	ON	PLAT
1 14		Т	H.C	HN	\mathbf{OLC})([`	IES		•	11

	DRILL TION:		3-5 See	-96 Figu	ire 3	,	BC	ORING NO. IIB-12 ELEV.	ATION:	
MOISTURE CONTENT (% OF DRY WT)	DRY DENSITY (LBS/CU FT)	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	nscs	GRAPHIC	SOIL DESCRIPTION	MOISTURE	VONIG TETEVION
		<u></u>				SP		GRAVELLY SAND -w/silt and cobbles, lt. brown		med dens
		R			1-					
					2—				dry	dens
					3			-w/occasional cobbles	·	
					4					·
					4	1				
•					5—					
					6—				sl.	dense
					7-				moist- moist	ver
					8—	Ę				
					9—					
		٠			10-			جغ		
					11-			Cemented SAND and GRAVEL -lt. brown		
					12-			blown	dry	mod hard hard
					13-	SP		GRAVELLY SAND -w/some silt,		
					14			brown	sl. moist- moist	dens
-					15—			Bottom at 15 feet.		
SPT- R-	STANE RING S			NETF	RATIO	N TI	EST	NOTES: Water not encountered.		
C- B-	CORE:	%REC	COV		//%R(QD				•
	NG WE				14			PROJECT:	<u></u>	PLA
DRIV		W	7F. 9	STF	CRN			CITY OF HENDERS	W	LIL

LOC	E DRILL ATION:	ED:	3-5- See	96 Figu	re 3	•	BO	ORING NO. IIB-13 ELEVAT	ΓΙΟΝ:	
MOISTURE	Y DENS	SAMPLE TYPE	SAMPLE	BLOWS/FT.	DEPTH (FEET)	nscs	GRAPHIC	SOIL DESCRIPTION	MOISTURE	CONSISTENCY
					1-	SM		SILTY SAND -w/gravel, some clay and cobbles, lt. brown		med dense
ž		R		,	2				dry	dense
								partially cemented		v.dm.h.
7					3-			-dark brown		7.44.
A SIMPLIFICATION.					4					
S -					5—					
DATA PRESENTED					6—					
яте В					7-					
1					8				s1	
TIME					9-				moist- moist	dense
N WILTH					10-			.	\ \ \ \ \ \ \ \ \ \	
OCATIC					11-	, "				
THIS LOCATION					12-					
F.					13-				i in the state of	· ·
MAY CHANGE					15-			Bottom at 15 feet.		
ξ										
SPT				I NET	RATIO) N T	EST	NOTES: Water not encountered.		
R- C- DRI	RING CORE			VED.	Y/%R1	מכ				
B B	BAG					•				
9 DRI	VING WI				-, -,	10		PROJECT:		PLATE
	WESTERN TECHNOLOGIES INC.							CITY OF HENDERSO		13
PRC	JECT NO			6JL0	43					

ELEVATION:

DATE DRILLED:

3-5-96

LOCA		TYPE			ire 3					خ
MOISTURE CONTENT (% OF DRY 6	DRY DENSITY (LBS/CU FT)	SAMPLE TY	SAMPLE	BLOWS/FT.	ОЕРТН (РЕЕТ)	SOSA	GRAPHIC	SOIL DESCRIPTION	MOISTURE	CONSISTENCY
						SP		SAND -w/trace gravel, dark brown	dry	med.
		R			1-	-				dense
		-								
					2-				į.	dense
					3-			CDAVITANA		
İ								GRAVELLY SAND -w/silt and cobbles, dark brown		
					4				moist	
					5—				1110104	
										dense-
					6—					very dense
					7					
					/					
					8—			-w/trace cobbles, lt. brown		
					9—					
					9—					
					10 —					
					11 —					
					11 .—				si.	dense
					12-				moist- moist	40.20
					12					
		:			13					
					14—					
					15-			Bottom at 15 feet		
					15					
	STAND.	ARD I	EN	ETR	ATIO	N TE	EST	NOTES: Water not encountered.		
	RING S. CORE:			ERY	/%RC	Œ				
B-	BAG									
וואזאמ	NG WEI				14 RN	υ 	<u>-</u> -	PROJECT:	·	PLAT
WESTERN TECHNOLOGIES INC.						a C:	TEC	CITY OF HENDERSON		