				Table C-1
				Soils Descriptions - Test Pits
Area Name	Depth	Test Pit	USCS	
Area Name	(ft bgs)	No.	Code	Soils Description
	T 1		T	Background and Borrow Areas
Background 1	0-4'	1	SM	Silty sand with some organic material
Background 2	0-4'	1	SM	Silty sand with some organic material
Background 3	0-4'	1	SM	Silty sand with some gravel and organic material
Background 4	0-4'	1	SM	Silty sand with some gravel and organic material, higher sand content than Background 3
Borrow Area South	0-6'	1	SM	Silty sand, composition consistent to 6' depth
Borrow Area South	0-6'	2	SM	Silty sand, some gravel
	T T			
Lobo Tract	0-6'	1	SM	Sandy silt, some organic material and some gravel
Lobo Tract	0-2'	2	CL	Silt-clay, darker brown, difficult to dig through, some organic
Lobo Tract	2-6'	2	SM	More silt-sand and less clay, lighter colored than than the 0-2' interval
Lobo Tract	0-6'	3	SM	Sandy-silt with some organic and gravel, with lenses of dark brown clay-silt material throughout the 6' profile
Lobo Tract	0-6'	4	SM	Sandy silt with considerable clay, medium brown
				Topsoil & Overburden Piles
Topsoil South	0-4'	1	GM	Very gravelly silt-sand
Topsoil South	4-9'	1	GM	Gravel-silt-sand, increse in silt content
Topsoil South	9-13'	1	GC	Gravel-silt-clay, more yellowish in color, mostly fines, large rocks prevented excavation beyond 13 feet.
Topsoil North	0-15'	1		Sandy silts, some gravel, light brown in color
T "/O	0.01		014	
Topsoil / Overburden	0-3'	1	SM	Overburden material - organic, brown, some gravel but mostly silts and sands
Topsoil / Overburden	3-4'	1	SM	Topsoil - darker layers with higher organic content
Topsoil / Overburden	4-7'	1	SM	Overburden material - organic, brown, some gravel but mostly silts and sands
Topsoil / Overburden	7-8'	1	SM	Topsoil - darker layers with higher organic content
Topsoil / Overburden	8-11'	1	SM	Overburden material - organic, brown, some gravel but mostly silts and sands
Topsoil / Overburden	11-12'	<u> </u>	SM	Topsoil - darker layers with higher organic content
Topsoil / Overburden	12-15'	1	SM	Overburden material - organic, brown, some gravel but mostly silts and sands
Dile 5	0.01	4	CD	Non-Economic Material Piles
Pile 5 Pile 5	0-3' 3-3.5'	1	SP	Light brown, gravelly sand; 60% sand, 20% gravel, 15% silt, 5% clay
Pile 5 Pile 5	3.5-7.5'	1	GC-SC SP	Green clay/silt bands
Pile 5 Pile 5		1 1		Light brown, gravelly sand; 60% sand, 20% gravel, 15% silt, 5% clay
Pile 5 Pile 5	7.5-8'	<u> </u>	GC-SC SP	Green clay/silt bands Light brown, gravelly sand; 60% sand, 20% gravel, 15% silt, 5% clay
riie 3	8-15'	ı	35	Light brown, gravelly sand, 00% Sand, 20% graver, 15% Silt, 5% Clay
Pile 6	0.42.51	1	SP	Gravel-sand-silt throughout, larger pieces of greenish silt-clay scattered, mostly below 4'; sandy gravel primarily
Pile 6	0-13.5'		SP SP	
	0-15'	3	SP SP	Gravelly sand/silt, chunks of green silt-clay
Pile 6	0-9' 9'+		52	Gravelly sand/silt, lens of greenish-gray clay/silt from 3-4'
Pile 6		3 4	SP	Native soil  Croyally cond, come sitt york dark brown/gray, almost block
Pile 6	0-15'	4	52	Gravelly sand, some silt; very dark brown/gray, almost black

				Table C-1 Soils Descriptions - Test Pits
	Depth	Test Pit	USCS	Como Decomptiono Teorrito
Area Name	(ft bgs)	No.	Code	Soils Description
Pile 6	0-2'	5	GP	Very rocky, large rocks (1.5'+) with distinct light-colored sands and darker colored silt-sands
Pile 6	2-5'	5	GP	Smaller gravel, sands and silt-sands as in above notes
Pile 6	5'+	5		Native soil
Pile 6	0-15'	6	SW	Gravelly sand-silt, very dark colored (brown-gray, almost black), large rocks throughout
Pile 7	0-3'	1	SP	Black, very gravelly (up to 8" diameter) some fines.
Pile 7	3-7'	1	SW	Brown/yellow, sandy/gravelly
Pile 7	7-12.5'	1	GC-SC	Gray-clayey with gravel, increasing sand content with depth, large rocks prevented excavation beyond 12.5 feet
Pile 7	0-4'	2	GM	Gravel-sand-silt, light brown in color
Pile 7	4'+	2		Native soil
Pile 7	-5', 6-13.	3	GM	Gravel-silt-sand, light brown, large rocks prevented excavation beyond 13 feet
Pile 7	5-6'	3	CL	Layer of greenish clay
Pile 7	0-5'	4	GM	Gravelly silt-sand, some greenish silt-clay
Pile 7	5-9'	4	GP	Gravelly sand-silt
Pile 7	9'+	4	GP	Darker sand-silt, some gravel
Pile 7	0-10'	5	GP	Gravelly sand-silt, decreasing gravel and increasing moisture with depth
Pile 7	10'+	5		Native soil
				Shaft Area
Pond 1	0-3'	1	ML	Dense clay, gray, medium-high plasticity, toward center of pond
Pond 1	0-3'	1	CL	Clay-silt-sand, less plasticity, toward edge of pond
Pond 1	3'+'	1		Native soil
Pond 2	0-3'	1	ML	Gray, dense clay, medium-high plasticity
Pond 2	0-3'	1	CL	Clay mixed with silt and sand
Pond 2	3'+	1		Native soil
Pond 3	0-2'	1	ML	Gray, dense clay, medium-high plasticity, native at 2 ft
Pond 4	0-3'	1	ML	Gray, dense clay, drier than ponds 1 and 2, native soil sloping toward pond edge at a 1:1, medium-high plasticity
Pond 4	3'+	1		Native soil
Pond 5	0-0.5'	1	SM	Thin layer of ashy, dusty, light gray material, SM
Pond 5	5'+	1		Native soil
Ore Storage 1	0-3'	1	SM	Light gray silty material with an ashy appearance, horizontal block structure
Ore Storage 1	3-6'	1	SP	Much darker material, more sand and gravel with some silt
Ore Storage 2	0-3'	1	SM	Gray, silty layer, ashy appearance and texture
Ore Storage 2	3-6'	1	SP	Darker material, almost black with higher sand content
Access Road - 7	0-1.5'	1	GM	Very rocky, gravel and chunks of silt/sand; numerous colors, inconsistent, native soil at 1.5 feet.
Access Road - 15	0-1.5'	1	GM	Rocky, gravel with silt chunks and sand, inconsistent material/coloration, native soil at 1.5 feet.
Access Road - 19	0-1.5'	1	SM	Light gray, chunky, silty material, native soil at 1.5 feet.
Access Road - 24	0-1.5'	1	GM	Darker, sandy-silty gravel, native soil at 1.5 feet.
Access Road - 34	0-1.5'	1	OL	Silty, organic soil, native soil at 1.5 feet.

				Table C-1
				Soils Descriptions - Test Pits
Area Name	Depth	Test Pit	USCS	
Arca Hame	(ft bgs)	No.	Code	Soils Description
Storage Area	0-1'	1	SM	Silty, organic native soil
Shaft Pad	0-1'	1	SM	Silty sand; light gray, ashy color with mostly fines
Shaft Pad	1'+	1		Native soil

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GENERAL LOCATION: TO SOUTH

PIT TREND: \_\_\_\_\_

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PH Width: 3.5' PH Length: 10' PH Depth: 15'  Soil UNIT Soil DESCRIPTION AND EXCAVATION NOTES  1 Sandy Silts, Some gravel 1:5h brown in color	TN-TPI-675   57   1576	
Pit Width: 3.5' Pit Length: 10' Pit Depth: 15'  Soil Unit  Soil Sandy Silts, Some gravel  1.3ht brown in color	Pit Width: 3.5 Pit Length:	6
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 Sandy Silts, Some gravel  Ight brown in color	Pit Length: 101 Pit Depth: 51	
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 Sandy Silts, Some gravel 1 Shown in color	Pit Length: 101 Pit Depth: 51	
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 Sondy Silts, Some gravel  Inght brown in color	Pit Length: 101 Pit Depth: 51	
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 Sandy Silts, Some gravel 1 Shown in color	Pit Length: 101 Pit Depth: 51	
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 Sandy Silts, Some gravel light brown in color	Pit Length: 101 Pit Depth: 151	
SOIL DESCRIPTION AND EXCAVATION NOTES  1 Sandy Silts, Some gravel  light brown in color	SOIL PEOCRIPTION AND THE Depth:	
1 Some gravel light brown in color		
Tight brown in color		
Tight brown in color	1 Stallers and all	
Tight brown in color	1 Sandy Silts, Some gravel	
	173ht brown in color	
SPECIAL NOTES:		
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	7									SOIL HOI HORIZON GROUNDS	RIZON I CONTRAC WATER LE	CT VEL
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7.5 3.6	SOIL		S	OIL DESC		ON AND E						
	UNIT	<u>, , , , , , , , , , , , , , , , , , , </u>	4 [			F 1			1.05A	200	R 15	SL 50
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of the	UNIT	2/		y/sil					1			
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SOIL DESCRIPTION AND EXCAVATION NOTES  SOIL DESCRIPTION AND EXCAVATION NOTES  SOIL DESCRIPTION AND EXCAVATION NOTES  SPECIAL NOTES:	-		-44-11	++					TE	ST	PIT L	.og		
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SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  SOIL GROWN Gray, almost block). Large rocks throughout  SPECIAL NOTES:	3		1					~	PL-7AG	060	15.0	1115		
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  1 Gravelly sond-silf, very chark colored (brown gray, almost block). Large rocks throughout  Special notes:	1							1/2				105	170	
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  1 Grovelly sand-silf, very chark colored (brown gray, almost block). Large rocks throughout  SPECIAL NOTES:	3							4				-	160	
SOIL DESCRIPTION AND EXCAVATION NOTES  1 Gravelly sand-silf, very chark colored (brown gray, almost black). Large rocks throughout	]								_			1	_	
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SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  1 Grovelly sand-silf, very chark colored (brown gray, almost block). Large rocks throughout  SPECIAL NOTES:	=													
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  1 Grovelly sand-silf, very chark colored (brown gray, almost block). Large rocks throughout  SPECIAL NOTES:	7													
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  1 (Fravelly sand-silf, very chick colored (brown gray, almost block). Large rocks throughout  SPECIAL NOTES:	1						- 1				2 9			
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UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 (provelly sand-silt, very chick colored (brown gray, almost black). Large rocks throughout  SPECIAL NOTES:	]													
SPECIAL NOTES:	1								Pit Ler	ngth: _				
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Crossian	Vative	grand	encount	ered	at 5' de	pth				
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	-						Pit Width: Pit Length: _	4'			
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		SOIL JNIT		SOIL DESCR	IPTION AND	EXCAVATIO	N NOTES	11 斯特克·1		1717	
			Stravelly almost	sand, so black.	ome s;	.lt; ver	y dark	bron	on lgr	27	
					SPECIAL N	IOTES:					
	Blo	iek, s	sandy,	con sisten			- through	hout	×		
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=						-
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1_				Pit Length: Pit Depth:	10'	
	SOIL	SOIL DE	SCRIPTION AND EXCAV			
	The state of the s	Gravel sands greenish silf Sandy gravel	- play scat primarily,	tered, most	ieces of ly below	, 4
			SPECIAL NOTES:	-		
Pit	coved	significantly		e operator	Became	
Pit (Cuc	cave d	significantly that sides wow		e operator cave in and	became bucket	
P/+ (GNC WOW	caved erned .	significantly that sides wow stuck		e operator cave in and	became bucket	
P;t (one Wow	caved erned .	significantly that sides wow stuck		e operator cave in and	became bucket	

	PIT TREN	LOCATION: Pile 6 \$  D: E LOGGED:		DATE: 6 19 07 FIELD ENGINEER: L FUL	77%	
	1			TEST	PIT LOG	
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	1				SOIL HORIZON HORIZON CONTRA GROUNDWATER LI	
		1		SAMPLE No.		
	1			PG-7P2-082		160
		+		X 86-192-031	<del>                                     </del>	175
				X76-192-02	15' 1505	165
						_
		, .		Pit Width:	luf 1	
	-   -  -			Pit Length: _		
	SOIL			Pit Depth:		
	UNIT		DESCRIPTION AND E		10.75%	
	1	Gravelly sand	d/silt, chon	ks of green	silf.c/ay	SP
				,		
			SPECIAL NO			
	Some car	ing while digg.	Ing but for	set depth was	attained	,
	REV. REVISIONS		REVIEWED AND SIGNED BY			
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	PIT TREND:	LOGGED:		DAT FIEL	TEST	· ') PIT L	. <u>0G</u>	
			124	3	<u>LE</u>	GEND SOIL HO HORIZON GROUND	RIZON I CONTRAC WATER LE	CT VEL
( <del>)</del>					SAMPLE No.  (P6:TP3:037  P6:TP3-038  P6:TP3-039  X 16:TP3-28	DEPTH と ここ・ は・ らい らい らい らい らい らい らい らい らい らい	1520 1520 1520 1530 1540	140 145 150 140 140
	SOIL UNIT			TION AND EXCAV		3.5' 10' 9'		J
	1	Gravelle clay/s Native	, soud, ilt, SP so,il	/si/+, 360	ind of green	1154-	gray	
R	eached	native so		SPECIAL NOTES:				
REV. No.	REVISIONS W	AutoCA SCALE:	OT No.: PROJECT NUMBER NO FILE: FILE NAME					

	GENERAL L PIT TREND: PIT FACE I		-7	DATE: 6 18 67 FIELD ENGINEER: Fohitg
1 +				TEST PIT LOG
3, 1				LEGEND  SOIL HORIZON HORIZON CONTRACT GROUNDWATER LEVEL
7			?	SAMPLE No. DEPTH TIME  ( )7-TP1-001 21/35 1425 120  )7-TP1-002 21 1435 120  X P7-TP1-003 41 1430 120  X P7-TP1-004 41 1430 120  X P7-TP1-005 101 500 1300  X P7-TP1-005 101 500 120  X P7-TP1-007 12.51 1526 120  X P7-TP1-007 12.51 1526 125
	SOIL UNIT		SOIL DESCR	Pit Width:
<u></u>	JONA 1	Black - brown/s	Sp, very	gravelly (up to 8" dia) some fines is the constant few
	3	gray - clo	ayey w/gra n depth	N Sandy /gravelly floorshoods few avel, increasing sand content GC. SC
				CDECIAL NOTES
long	sld no	t excava	tered at 7 tz beyon?	3 (2.5' due to amount lorge rocks
REV. No.	REVISIONS		IGN BY DRAWN BY REVIEWED AN SIGNED BY PROJECT No. PROJECT NUMBER	
	M (	WH	AutoCAD FILE: FILE NAME SCALE: FIGURE No: SCALE	

P7-7P5-054 0-2' 10 10 140 P7-7P5-055 7-4' 1015 150	<del>                                     </del>	GGED:		TEST PIT LOC	3
Pripsos 02 1010 145 Pripsos 02 1010 145 Pripsos 02 1010 145 Pripsos 10 1025 130 Pri Width: PH Length: PH Depth:  Soil Gravelly 3and 311 Gp decreasing gravel and increasing moisture widepth.  Native Soil Special Notes:		1		SOIL HORIZO HORIZON CO	NTRACT
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  1 Gravelly 3and - Silf, GP decreasing gravel  and increasing maisture wildepth.  Native Soil  SPECIAL NOTES:				P7-TP5-054 0-2' 10 P7-TP5-054 0-2' 10 P7-TP5-055 7-4' 10 X97-TP5-06 10' 10	145
1 Gravelly sand -silt GP decreasing growel and increasing moisture wildepth.  Native soil  SPECIAL NOTES:				Pit Length: Pit Depth:	
Native Soll  SPECIAL NOTES:		SOIL DESCRI	PTION AND EXCAVAT		
	UNIT				avel
	UNIT	Gravelly sand -		decreasing gradepth.	avel
Native Soil encountered at 10:	UNIT	Gravelly sand -		decreasing gradepth.	avel
	UNIT	Gravelly sand -	silt GP wistone w/	decreasing gradepth.	avel
	UNIT	Gravelly sand - and increasing a Native soil	SPECIAL NOTES:	decreasing gradepth.	avel (

GENERAL L PIT TREND: PIT FACE L	OGGED:		ZOO7 FR: L Fuhnis	
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5'	2	s		TIME USS 150
91	3		1-194-052 2-4' 1-194-052 2-4' -194-052 13'	0935 240 0940 220 0940 220 0950 820
			Pit Width: 4 Pit Length: 13	
SOIL UNIT		ON AND EXCAVATION NO		1
7 7 7	Gravelly silt-so Gravelly Sand-sil	ind some go	eruish silt-	e lay
3	Darker sand-sil	some grave	1,60	
		PECIAL NOTES:	1 0 1	
Encounter	ed lorge dense rock (	it 13, unable to	dig for the	^
REV. REVISIONS	REV. DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BY			
⊕ MV	PROJECT No. PROJECT NAMBER AutoCAD FILE: FIE NAME SCALE: FIGURE No. SCALE			

	GENERAL LOCAT	Pile 7	DATE: CO 19/07 FIELD ENGINEER: L. Fularis
	PIT FACE LOGGE	ED:	_
			TEST PIT LOG
_			
-		/	LEGEND
			SOIL HORIZON HORIZON CONTRACT GROUNDWATER LEVEL
-		Z	SAMPLE No. DEPTH TIME
-			SAMPLE No.   DEPTH   TIME
-		7	27-713024 2' 1100 150
_		>	7 D-TP3-025 4 1110 1535
_			1 P7-19302 135 145
_			x P7-173027 13.5° 1135 145
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	en en en en en en en en en en en en en e	and the second s	
_		4	Pit Width: 3.5
_		*	Plt Length:
	L L		Plt Depth: 35
			- BENT -
	SOIL UNIT		ESCRIPTION AND EXCAVATION NOTES
	UNIT		ESCRIPTION AND EXCAVATION NOTES
	UNIT	Gravel Silfonnehabet well ayer of Gre	ESCRIPTION AND EXCAVATION NOTES
	UNIT	Gravel Silfonnehabet well ayer of Gre	escription and excavation notes  I -sand It brown, held together  II, GM  eenish clay similar to that seen on  Special notes:
	UNIT	Gravel Sillionenshaf well ayer of Gre	SPECIAL NOTES:

TEST PIT LOG  LEGEND  SOUL HORIZON HOR		ND:					GINEER:	<b>"</b>		
SAMPLE NO. DEPTH TIME PLOTESSE & 10419 PR Width: 3 PH Longth D' PH Lon	+						TEST	PIT L	<u>.OG</u>	
SAMPLE NO. DEPTH TIME PLOTESSE & 10419 PR Width: 3 PH Longth D' PH Lon	1		T <sub>ii</sub>				1 6	GEND		
SAMPLE NO. DEPTH TIME  PLIPZ-OSI 7 1049  1 10 1 10 1 10 1 10 1 10 1 10 1 10 1	1		Shinoppe						RIZON	
PI Width: 3' PH Langth: 5'  SOIL DESCRIPTION AND EXCAVATION NOTES  Crowel - Sand - silt, light brown in color, GM.  Native Soil  Special Notes:  Reached native soil at 4' depth										
PI Width: 3' PI Length: 5' PI Depth: 5'  SOIL DESCRIPTION AND EXCAVATION NOTES  C Growel - Sand - Silt, light brown in color, GM  Native Soil  SPECIAL NOTES:  Reached native soil at 4' depth		-						7	,	7
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  I Grovel - Sand - silt, light brown in color, GM  Native soil  Special Notes:  Reached native soil at 4 depth	1		7				4	<del> </del>	+	l
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  I Grovel-Sand-Silt, light brown in color, GM.  Neither Soil  SPECIAL NOTES:  Reached native soil at 4'depth	]		***************************************				1			
PH WICH: 36 PH Length: 9' PH Depth: 5'  SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 Grovel - Sand - Silt, light brown in color, GM.  2 Nettre Sail  SPECIAL NOTES:  Reached native soil at 4'depth	1						1207-102-300	₹.	<del> </del>	
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  I Grovel-Sand-Silt, light brown in color, GM  Notice Soil  Special Notes:  Reached native soil at 4'depth	1						LP1-TP2-022	4 41		
SOIL DESCRIPTION AND EXCAVATION NOTES  I Gravel - Sand - Silt, light brown in color, GM  2 Native sail  SPECIAL NOTES:  Reached native sail at 4'depth	]									]
SOIL DESCRIPTION AND EXCAVATION NOTES  I Gravel - Sand - Silt, light brown in color, GM  2 Native sail  SPECIAL NOTES:  Reached native sail at 4'depth	]									
SOIL DESCRIPTION AND EXCAVATION NOTES  I Gravel - Sand - Silt, light brown in color, GM  2 Native sail  SPECIAL NOTES:  Reached native sail at 4'depth	_									-
Soil Soil Description and Excavation Notes  Gravel - Sond - Silt, light brown in Color, GM  Native Soil  Special Notes:  Reached native soil at 4' depth	]						1		<u> </u>	J
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  I Gravel - Sond - Silt, light brown in Color, GM  2 Native Soil  SPECIAL NOTES:  Reached native soil at 4'depth	1							- C		
SOIL DESCRIPTION AND EXCAVATION NOTES  I Grovel - Sand - 51 lt, light brown in color, GM  2 Native Soil  Special Notes:  Reached native soil at 4 depth	1							<u>5</u>		
SOIL DESCRIPTION AND EXCAVATION NOTES  I Grovel-Sand-Silt, light brown in color, GM.  Native soil  SPECIAL NOTES:  Reached native soil at 4' depth	-						_		<del></del>	
UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 Gravel - Sand - Silt, light brown in color, GM.  2 Native Soil  SPECIAL NOTES:  Reached native soil at 4'depth										
SPECIAL NOTES: Reached native soil at 4' depth				100 000					<u> Paramarana</u>	than (i)
SPECIAL NOTES:  Reached native soil at 4' depth			s	OIL DESCRI	PTION AND	EXCAVATION			-	
SPECIAL NOTES:  Reached native soil at 4' depth	UNIT						NOTES			
SPECIAL NOTES:  Reached native soil at 4' depth	UNIT (	Grai					NOTES	olor,	GM	•
SPECIAL NOTES:  Reached native soil at 4' depth	UNIT (	Gran Net					NOTES	olor,	GM	
SPECIAL NOTES:  Reached native soil at 4' depth	UNIT (		rel-so				NOTES	olor,	GM	
Reached native soil at 4'depth	UNIT (		rel-so				N NOTES	olor,	GM	
Reached native soil at 4' depth	UNIT (		rel-so				N NOTES	olor,	GM	
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leached native soil at 4'depth	(		rel-so				N NOTES	olor,	GM	
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THE PARTY OF THE PROPERTY OF THE PARTY OF TH	UNIT :		rel-so	and s	SPECIAL N	ght bro	N NOTES	olar,	GM	

SOIL HORIZON HORIZON CONTRACT GROUNDWATER LEVEL  SAMPLE NO. DEPTH TIME  SP-TPLOR O-1 (030 5)  SP-TPLOR O-1 (030 5)		1	PIT TREND:	_				PIT LOG	
SOIL DESCRIPTION AND EXCAVATION NOTES  SITY Sand, SM (Sht gray, ashy color w) mostly  The soil special notes:		-					_	SOIL HORIZON HORIZON CONTRA	CT E <b>VEL</b>
PIE WINTER:  SOIL DESCRIPTION AND EXCAVATION NOTES  Things  Native Sent  SPECIAL NOTES:				/	1		5P-TP2-080 5P-TP2-087	0-1 1030	55
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  2 Silty Sand, SM 1; Sut gray, asky color w/ mostly  7 Native Soil  SPECIAL NOTES:		, -			2	n e	SP PLOGE	0-1 1030	-53 - - -
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  2 Silty Sand, SM light gray, ashy color will mostly 7 Native Sail  SPECIAL NOTES:		1						3'	
UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  2 Silty Sand, SM light gray, ashy color w/ mostly  7 Native Soil  SPECIAL NOTES:		<u>-</u>					.1	:	
Netive Soil  SPECIAL NOTES:			UNIT	- 21	\$2.5 m				
		7		1 / 4 - 4					
		Mat.	10 5				1.		
1 of the contents of the total	1	10 dt u	R 20	IL EN COU	ntered at	1 966+	M		

TEST PIT LOG  LEGEND  SOIL MORIZON CONTRACT GROUNDWATER LEVEL  SAMPLE NO. DEPTH TIME  PH Wolth: 3/ PH Length: 3/ PH Length: 3/ PH Length: 3/ PH Depth: 7/ PH Dept	PIT TREN	LOGGED:		<i></i>	IELD ENGINË	ER: CFOM	77-		
SOIL HORIZON H	+					TEST	PIT L	<u>.og</u>	
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  SPECIAL NOTES:  SAMPLE No. DEPTH TIME  ATPLOSO S. 1 1645  1 12  PH Width: 3/ PH Length: 3/ PH Depth: 7/	<u></u>					LE	EGEND		<i>!</i>
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  SPECIAL NOTES:							HORIZON	CONTRA	CT F <b>VEL</b>
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  1 Sity, argumis notice soil of special notes:			4		S	AMPLE No.	DEPTH	TIME	7
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  1 Sitty, organis native soil of	]					4 40	6-1'		172
SOIL SOIL DESCRIPTION AND EXCAVATION NOTES  1 Silty, organic native soil of	1				DAO 4	4	<del> </del>		112
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 S; Ity, organis native soil of					1		<del> </del>		112
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 S; Ity, organis native soil of	1								
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 S; Ity, organis native soil of									4
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 S; Ity, organis native soil of									
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 Silty, organis native soil of	1								<del></del>
SOIL DESCRIPTION AND EXCAVATION NOTES  1 Silty, organis native soil of	_					Pit Width:	<u>.3′</u>		
SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 Silty, organic native soil ol	7							***************************************	
UNIT SOIL DESCRIPTION AND EXCAVATION NOTES  1 5: 1+9, organic native soil ol						Pit Danin:			
SPECIAL NOTES:	SOII								
SPECIAL NOTES:						TES			
	UNIT	s:lty,				TES			
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REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND	UNIT	s:lty,	organie	native		TES			
REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND	UNIT	s:lty,	organie	native		TES			
REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND	UNIT	s: lty,	organie	native		TES			
REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND	UNIT	S: 1ty,	organie	native		TES			
THE PARTY OF LANGUAGE BY	UNIT	s:lty,	organie	native		TES			

	GENERAL LOCATION TREND: PIT FACE LOGGE				TE: 6216		- <del></del>		
	+			+	¥ .	<u> </u>	PIT L	.og	
	1 7	And the second	•			ΙĘ	CEND		
3			Simple of the last			14	SOIL HO		<b>7</b>
5		- \$		and the control of th	1		CHUND	WATER LE	C) E <b>VEL</b>
-1		1			SAMP	LE No.	DEPTH	TIME	
		THE REAL PROPERTY.			PO1-7	TP1-099	0.21	1245	1/5
		NAI			-	1-100	0.5	1245	170
						17-308		1245	90
						P1-107	2-41	1300	90
	1		1	3.00		15(-103	0.5.	1390	935
	]				<del></del>		***	3 3 3	1
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	]				í	Width:	3'	-	
ali	And Marie State		201 200	1 - 24 - 24	1	Depth:	5'		
	SOIL UNIT	SOIL D	ESCRIPTIC	ON AND EXCAV	ATION NOTES				
	A CONTRACTOR OF THE PARTY OF TH			n.				7	
		1	250K)	unod-lie	h plast	9014	y , ^	1/L	
	1 De	inse clay, =	$I_{i,j}$ , $\chi^{i,j}$	med wy			1 3		
	1 De	inse clay, =	) (	1-ee 1		.1	11		
	1 De 2 C	inse clay, =	5 and	less b	lastic	179	, (L		
	1 De 2 C 7 No	inse clay, a lay-silt-	San J	, less p	lastic	119	, (		
	1 De 2 C	inseclay, a lay - silt - ative soi	50n J	less p	lastic	179	, CL		
	1 De 2 C 3 No	inse clay, a lay-silt. ative soi	San J	less p	lastic	179	, CL		
	1 De 2 C 3 No	insectay, a lay - silt - ative soi	San J	less p	lastic	179	, CL		
	1 De 2 C 3 N	inse clay, a lay - silt. ative soi	San J	less p	lastic	179	, ([		
	1 De 2 C 3 N	inse clay, a lay -silt. ative soi	San J	less p	lastic	179	, ( )		
	1 De 2 C 3 N	inse clay, a lay - silt. ative soi	San J	ECIAL NOTES:	lastic	179	, (1		
	1 De 2 C 3 No Encourter	lay-silt- ative soi	San J	ECIAL NOTES:	lastic	179	, ( )		
	2 C	lay-silt- ative soi	San J	ECIAL NOTES:	lastic	179	, ( )		
	2 C	lay-silt- ative soi	San J	ECIAL NOTES:	lastic	179	, ( )		

	GENERAL LOCATION: PONG 2 PIT TREND: PIT FACE LOGGED: GGENERAL	DATE: FIELD	ENGINEER: LECTOR
	7		LEGEND  SOIL HORIZON HORIZON CONTRACT GROUNDWATER LEVEL
			SAMPLE No. DEPTH TIME    POZ-TPZ-104 0-2' 1315 120     POZ-TPZ-104 0-2' 1315 120     POZ-TPZ-104 2-4 1320 70     X 102-TPZ-104 2-4 1320 70     X 102-TPZ-106 6' 1325 40     X 102-TPZ-106 6' 1325 40     POZ-TPZ-106 6' 1325 40     POZ-TPZ-307 0-2 1336 100     POZ-TPZ-307 0-2 1330 90     POZ-TPZ-307 0-2 1330 90
		CRIPTION AND EXCAVATION	
	1 Gray, dense 210 2 Clay mixed w/s 3 Native Soil	ay med-his	zh plastiety, ML
	Encountered natives	Special notes:	
 	REV. REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED SIGNED BY ALIOCAD FILE FILE NAME  SCALE  FIGURE No.  SCALE  FIGURE No.	ER .	

	GENERAL LOCATION: 1000 0 3 PIT TREND: PIT FACE LOGGED:	TEST PIT LOG
		LEGEND  SOIL HORIZON HORIZON CONTRACT GROUNDWATER LEVEL
		SAMPLE No. DEPTH TIME  103-173-44 0-2 4720 65  103-773-45 0-2 1420 70  103-773-16 0-2 1420 80
	SOIL UNIT SOIL DESCRIPTION AND EXCA	igh plasticity, me
	SPECIAL NOTES	/
	Encountered Native soil at Z'A	
REY	PROJECT NO. PROJECT NAMBER ANTOCAD FILE: FILE NAME SOURCE: FIGURE No.	

6'-	<del> </del>	(		+		TEST PIT LOG
3'		7				LEGEND  SOIL HORIZON HORIZON CONTRACT
1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1						SAMPLE No. DEPTH TIME POU-TP4-111 0-2' 1355 POU-TP4-112 0-2' 1355 RCH-1P4-113 0-2 1755 12
	SOIL		SOIL DESCRIPTION		VER SHEET	Pit Length: 4' Pit Depth: 3.5'  N NOTES
	2	Native S	0.11	≥ dri	er th	ion ponds 1+2
			SPI	ECIAL NO	TES:	

PIT TREN	LOCATION: POVC 5  D:	DATE:
		TEST PIT LOG
	7	LEGEND
		SOIL HORIZON HORIZON CONTRACT GROUNDWATER LEVEL
		SAMPLE No. DEPTH TIME  POSTIS-117 3-2' 1440  POSTIS-119 0-2 1446
		Pit Width:  Pit Length:  Pit Depth:
SOIL	SOIL DESCRIP	PTION AND EXCAVATION NOTES
0 2	Thin layer afost Native soil	hy, dustyllgragmaterial, 5M
		OPPOLIT
		SPECIAL NOTES:
		SPECIAL NOTES:
		SPECIAL NOTES:

PIT FACE LOGGED:		TEST PIT LOG
		**************************************
1		<u>LEGEND</u>
		SOIL HORIZON HORIZON CONTRACT GROUNDWATER LEVEL
		51-17-36 02 0916 90 DOP 051-17-36 02 0916 90 DOP 051-17-36 02 0916 90 DOP 051-17-36 02 0916 70 DOP
		CSI-TN6-082 6' 0920 80 RAE
		Pit Width: 5
		Plt Depth: 61
SOIL UNIT	SOIL DESCRIPTION AND EXCAVATION	ON NOTES
1 light of horizons	gray silty material with fal block structure, she darker material, more	nau ashy appearance,
with	some silt, sp	
105 le + 1000	SPECIAL NOTES:	
· · · · · · · · · · · · · · · · · · ·	or mR/hr in the an	ea
ici y Nor, 100		

      -	GENERAL LOCATION:	trage 2	DATE: 6 21 67 FIELD ENGINEER: 2 Fishers  TEST PIT LOG
3'	Z		SOIL HORIZON HORIZON CONTRACT GROUNDWATER LEVEL  TPS  SAMPLE NO. DEPTH TIME  OSZ-TICOS O-Z' 1110 90  SZ-TICOS Z-4' 1115 45  SZ-TICOS Z-4' 1115 45  SZ-TICOS Z-4' 1115 45  SZ-TICOS Z-4' 1120 30  SSZ-TICOS Z-4' 1120 30  SSZ-TICOS Z-4' 1120 30  SSZ-TICOS Z-1 1120 35  PR Width: 3'
Hie	1 Gray Sill and texter Darker Mand cont	SPECIAL	Pit Length: 6' Pit Depth: 6'  EXCAVATION NOTES  EXCAVATION NOTES  Most black with higher

	PIT FACE L	OGGED:		And the second s		FIELD	) ENGINEE	20/07 R: LFL	<del>51</del>		
-	<del>                                      </del>		1 1 1 1	11111		11111		TEST	PIT L	.OG	
	-							LE	GEND		
-	- - - -								SOIL HO HORIZON GROUND	RIZON I CONTRAC WATER LE	CT VEL
			1				S	AMPLE No.	DEPTH	TIME	
		N - 1					Ai	27-TP1-076	0-1.5	1545	60
							-				
							ļ			<u> </u>	
			-				-			<u> </u>	ļ
	1							Plt Width:	71		
	j	i				1		PIL WHITE:	50		
-								Plt Length:	41		
-									1.5		
	SOIL UNIT		s	OIL DESCR	PTION AND	PEXCAVAT	rion not	Pit Length:			
	11 7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			· · · · · · · · · · · · · · · · · · ·	<del>/</del>			Pit Length: Pit Depth:	1.5		
	11 7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Very		· · · · · · · · · · · · · · · · · · ·	<del>/</del>			Pit Length: Pit Depth:	1.5	Saud	,
	11 7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Very		· · · · · · · · · · · · · · · · · · ·	<del>/</del>			Pit Length: Pit Depth:	1.5	Sand	,
	2		rock	y gra	vel ou	al ch		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	vel ou	al ch		Pit Length: Pit Depth:	1.5		,
	11 7 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		rock	y gra	vel ou	al ch		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	vel ou	al ch		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	vel ou	al ch		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	vel ou	al ch		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	vel cu	id chi		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	SPECIAL	onsist		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	SPECIAL	onsist		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	SPECIAL	onsist		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	SPECIAL	onsist		Pit Length: Pit Depth: FES	1.5		
	2		rock	y gra	SPECIAL	onsist		Pit Length: Pit Depth: FES	1.5		
	2	oond	rock merous en c	y gra	SPECIAL	onsist		Pit Length: Pit Depth: FES	1.5		

	7	1	-			SAMPLE NO.	GROUND:	ORIZON N CONTRA DWATER LE	EVE
		1					HORIZON GROUND	V CONTRACTOR LE	EVE
	7				- 1.1. - 1.1. - 1.1. - 1.1.				
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									1
							71		
						Pit Width: Pit Length:	3'		
						Plt Depth:	1.5		
UNIT			·				िके (अपन्युक्ति) । 	Title of Autour	•
1	Rock	7,7	ravel	with	silt.	chunks	+ SGa	id,	
	inco	ns'ste	ent m	iaterial,	/colorat	ia, GM		,	
		UNIT	UNIT SO	UNIT SOIL DESCR	UNIT SOIL DESCRIPTION AND E	UNIT SOIL DESCRIPTION AND EXCAVATION	SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES	SOIL UNIT SOIL DESCRIPTION AND EXCAVATION NOTES	Pit Length: 4' Pit Depth: 1.5

	1		+	TEST	PIT LO	G
				LE	GEND	
	1				SOIL HORIZ HORIZON CO GROUNDWA	ONTRACT
				SAMPLE No.		TIME
				ARI9-TP1-078	0-1.5 14	e <i>l</i> O
	**************************************			L	<b>1</b>	J
				Pit Width: Pit Length:	3'	
				Plt Depth:	1.5	
SOIL	분의 최고함 (1997년) 원기		TION AND EXCAVAT		· .	**
1	light qu	ay, chi	onky, silfy	material,	5M	
1						
1						
1						
			SPECIAL NOTES:			** *
			SPECIAL NOTES:			*. •
			PECIAL NOTES:			

				TEST	PIT L	.og
				***************************************		
				<u> </u>		RIZON CONTRACT WATER LEVI
	7			SAMPLE No.	DEPTH	TIME
				AR 24 771-83	0-45	<b>७</b> ९५०
				***************************************		
						.:
UNIT		OIL DESCRIPTION AND E				
1	Darker, so	andy -silty	gravel	GM.		
			J			
		SPECIAL NO				
Jative	soil enco	special no				
Jative	soil enco					

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			<del></del>	TEST PIT LOG  LEGEND  SOIL HORIZON
	1			SAMPLE No. DEPTH TIME  ARTHONOGO O 1.5 (OLS 20  4834-714-035 0-1.5 16(5 21)
SOIL UNIT	soil Silty, o	organic so		

LOC. IE		****		-17	SH	EET / C	of <u>3</u>	LOCATION SKETCH
PROJEC	TION AZIMUTH: HAMMER WEIGHT:		DATU	DAT	re: 9	11100	2	P4-0H2
DEPTH (UNITS) BORING METHOD	SOIL PROFILE	SRAPHIC LOG		I	SAN	PLES GAMM MR/h	A >	PILEY PY-DI
<u>a</u> <u>a</u>	DESCRIPTION	GRA	nscs	NUMBER	TYPE	COUNTY	RECO	ADDITIONAL COMMENT
-0							3,	
~	PALE BROWN, DRY, W/F-C GRAVER	<b>-</b>		∞1 ∞2	-	-	2'	PH-0H3-001 2BAGS SAMPLED FOR AGRE
10	2-4 (1057) P4-DH3-002-SILTY SAND AS IN 0-2 FT. W/ZINCH TO 1-12 (1104) - SILTY SAND AS IN 2-4 FT P4-0H3-003 F SAND AS IN 2-4 FT		Бт	D03	9	25	8	
5	12-20 (1110) P4-DH3-OOY - SILTY SAND, F-M SAND, GREYISH BROWN, DRY, SOME 6-INCH COPPLES, F-C GRAVEL	45	ton 1	204	G	30	8'	P4-DH3-DOY I BAG FOR RADS IBAG FOR SPLP
5	20-28 (1115) PY-DH3-OOS - SLUTY SAND, AND F-C GRAVEL, M-C SAND, WELLGRADED, GREVISH BROWN, SUBROUNDED GRAVEL	S	40	os	G	30	8'	PY-0H3-005 10AG FOR RAOS COLLECTED OUPLICAT FIR RAOS AS MMC PY-0H3-300 (1125
	28-36 (1125) P4-DH3-006-SILTY SAND, W/F-C GRAVELYN/3-SIN COBBLES, GREY, DRY	5	щà	SE 4	1	70	8'	
	SAND, COMSAND, SOME -L GRAVER, TRACE S-WCH COBBLES, SO/50 MIX OF BROWN + GRAY, DRY	5ª	1 00	7 6	7	20 5	3'	
	14-52(1155) PY-DIT3-OOF - SILTT SAND, F-M SAND, ADUNEAUT FINE TO COMPLES, WELL GRADED, GREY DIEGREY	Su	100	8 G		20 8	-  }'	
ILLING	NITS. FRET BGS CONTRACTOR: LAYNE - WETTERN CHEC	ED KED	BY: BY	-	RY	AN H	<u> </u>	4 REN
		SOI	L	BC	0RI	ING	LO(	G FORM

	PY-DH3 mm							フ	,	LOCATION	SKETCH												
OC. ID:	T NAME.	EL	EVATION.	· · · · · · · · · · · · · · · · · · ·	DAT	UM:	SH	IEETZ	<u>ک</u> of														
CLINAT	TION	ZIMUTH: HA	MMER WEIGHT:		DRIL	L DA		7/1/0		1													
9				T	TAIL				07														
METHOD	SOIL	PROFILE		90			SAN	MPLES															
ORING A				507 0		1 ~		GAR															
BOR		SOIL DRIPTION		SRAPHIC	uscs	NUMBER	TYPE	NEK/	SOVE														
				1 25	S	S	7	COUNT:	<b>18</b> 8	ADDITIONAL	COMMEN												
, —										uR/hr													
-				1						24/-/02													
	52-60 (1200) P4.	-DH3-009.5	SICTY SANS			<u> </u>			-														
-		IEC, F-M SA			6.3					25MR	Inc												
		ion 3-5 INC	,		sw gw	001	9	25	81	,													
	Ryrey, O	RY																					
		,																					
	60-68 (12 10) P4	-043-010,S	4204				Participani in the same of the																
	GRAVE, F-C	m sand, som	e coarse		sw w	VO	6	70		ZOUR/r	w												
ľ	SAND, K-C	GRAVER, LT	3 ROWN DRY	4	,w		7	20	81														
									0														
ł	68 - 76 (1218) PY-E	143-011, SA	UD + GRAVU		$\neg \dagger$	_			++														
		m GRAVEL			5W 1	sul.	G	23		23													
	DRY POORLY	sogeo (were	SHADED)	(	μ.		7	دے	81														
	<u> </u>	-017								•													
7	76-84 (1255) P4-10H	3-10/18 - Va	PARE				$\top$	***************************************	<del>                                     </del>														
	BROWN SAND			≤	19	12	3	25		25													
	F-M SAND, D	Ry, wenson	120						81	<u></u>													
											• •												
8	14-92 (1317) PY-DH	3-017-01	3, 5AND			1	-	Carrier Commence	-   -	<b>Z</b> )													
	FUC SAND, POOR	Y SOUTED, W/	SOME	5	WO	13 G	.	21	.	2)													
	F-C GRAVEL)	GREY, DAY	well					`	81														
	GRADED																						
	·																						
9	1-10 9Z-100(1328)	) P4-043-0	14	-	<b>.</b>		1			I O	arakanin karanan arkanan		SAND + GRA	ver, F-CS	AND,	51	1014	14	.   .	19		19	
	F-C GRAVE	a, were a	RADED					1	3														
	DAY, DKG	ney	,																				
	·																						
H UN	VITS: FLET BYS		1.00		<u></u>	700	1.0																
.ING .ER:	CONTRACTOR PAUL &	OSH KONSKIZ	S LOGO	JED OKED	BY: BY	: -	C DX	o th	JUC	rew													
		. <								<b>*</b>													
				SO	77	DC	יםו	INIC	7.00	7 FC=-	1												
	REVISIONS REV. DATE DESIGN BY	DRAWN OV REVIEWED AND				DU _	πl	IV G	LOC	F FORM	4												
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	Auto																						

OC. (D ROJEC	P4-043						61.	<u> </u>	3		ATION SKETCH
	T NAME:		. ELEVATION:		DAT	UM:	SHE	E 1 _ C	F_		
CLINA		AZIMUTH.	HAMMER WEIGHT	r.	DRIL	L DAT	E 7	11/05	Z		
l a		\.	weigh)	·	UATE	E FINI	SHED	7/1/0	1		
METHOD		SOIL PROFILE					SAM	PLES			
		to the transfer of the transfe		507		T	T	GAMA		-	
BORING	, ,	SOIL		SRAPHIC	(0	H.		ul/h	VER		
m		DESCRIPTION		GRAI	nscs	NUMBER	TYPE	COUNTY		ADDITION	IAL COMMEN
					1-	+=			- a		THE COMMEN
<b> </b>	106 - 100 line	2=\0(( ) )(=								GAMMA	11.01
	100-103 (13:	35) PY-DH3-01 AS 100-108 FT	15		SW	015	,	And the second second second	+		LUR/h
	THE	NJ 100 -108 F1	MIGCUAL		GW	0.5	4	20		Z	۵
05	,								81		
3	4										
	108-116/14	00) P4-DH3-	~1. (		+			·	<del>   </del>	<b></b>	
>					SP	OK	C	17		17	
	SANULE	-an, W/F- a	SANSE GLAVE	1			7	17-		" /	
	POORUT	GRADED, DRY, GI	REY, TRACE						8		
	3-4	COBBLES								,	
		15) PY-DH3-0									
	SAND,	F-M W/Some	= coanse.						.		
	54N05	, POORLY GRADE	D, BROWN/STB	pour	SP	17	4	21		21	
	my,	SOME KINETO COM	ense graver,				7	4	81		
	FUBAN	IGULAR, NOTE	· VERY SLOW								
-	PENER	LATION LAST 1-	2 611-	v I							
- 11	24-109/1450	S) PY-DH3-0	18			1:				/	
	SAN	SANDS STOP	LOWN TO YELLO	w	0	18	E 1	8	ابی	18	
	GRAN	er, ANGULALTO?	SUBANGULAR.				-,		2		
	TOTAL DE	PTH = 129 FG	AT.								
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ING	CONTRACTOR	DGS LATINE-WESTO	L. C	HECKED	BY	: _				*	
ING	CONTRACTOR:	KOVSKI		HECKED	BY	: _				TYPLEN G FORM	
ING	CONTRACTOR: PAUL BOSH  REVISIONS REV	DATE DESIGN BY DRAWN BY REVIEW	C C	HECKED	BY	: _				*	
ING	CONTRACTOR:	KOVSKI	WED AND NED BY	HECKED	BY	: _				*	

LOC.	P4-DHZ	SHEET OF 4 P4-DAZ	ETCH
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		S S A COUNTYS ADDITIONAL CO	MME
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	0-2 (1231) P4-DHZ-001-SAND, F-M		Protosteranous
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	1	SP 002 G //	-
_5	2-4 (1235) PY-042-002 -SAND	·Maran	
	F-M SAND POOREY GRADED, W/F-C		
	GRAVER, SUBANG., GREY, DRY	CO 002 C 17 8	
_10	4-12 (1242) PY-DHZ-003- SAND	SP 003 G 12 8	
-	AS IN 2-4 GRADED TO DATEGREY	7	
-	12-20 (1248) P4-DHZ-004 - AS ABINE		
15	(4-1217) SAND, MACE 311,11		
_	COBBLES	SP 084 G 11 8'	
-20	(Control to ) Indicate the control to the control t		
	20-28 (1253) P4-10HZ-005		
	SAND + GRAVEL, F-C SAND, F-C	sw	
·  -	GRAVER, WELL GRADED, DK GREY, DRY		
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	28-36 (300) P4-15HZ-006		
-30	5AME 44 30.006	Gw 006 C3 10 81	
	SAME AS ZO-ZEFT: INTERNAL		
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-35			
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	36-44 (1305) AY-DHZ-007	Sw	
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	44-52 (1335) P4-DHZ-008	5w 008 ( 11 81	
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DEPTH	UNITS: FELT BGS		
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DHILLER	MUC DOS HKOVSKI	CONTO DI:	
		SOIL BORING LOG FORM	
REV No.	REVISIONS REV DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BY	- ~ 44171	
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,01		P4-D4Z							LOCATION SKETCH
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		T NAME . ELEVATION:		DAT	UM: L DA	TE.	21.1	^~	
	. 11.477	AZIMUTH: HAMMER WEIGHT:			E FIN		7/2/	$\frac{\nu_{\mathcal{F}}}{2Z}$	
ō	HOD					SAI	MPLES		
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		52-60 (1350) P4-042-009		٠.	-	-			_
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T		60-68 (1355) PY-DHZ-010 - 17267 -SAND,		-	-			-	no constant
		EM SAND, POORY GRATED, TRACE				,			1 × 1/2 BAG.
ŀ				50	010	G	23	8'	SUMPLE FOR
1		COMPSE SAND, SOME FINE GRAVEL 50/50 GRAVISHWHITE + LICHT BROWN,							RADS
		DRY, ROUNDED							P4-DHZ-010
			*******		-	***************************************			
		68-76 (1404) P4-DHZ-OII AS ABOVE	_	50			سر د	21	ZX1/Z BAG SAMI
		. INTERNAL 100-68 FT, MOSTER		Sp	וייט	6	35	D	FOR RADS +
		GRADES TO VERY PALE BROWN							SPLP
		The state of the s		. ,					P4-DHZ-011
	-						1 0.		
	-	76-84 (1415) P4-DHZ-012-5AND+		841	15		22	21	•
	.	GRANCE, WELL GRADED, F-CSAND	4	4W	1	7		0	
		F-CGRAVEL, OTGREY, DRY							
				. 1					•
	+	du 02 (150)		-			*12*11000000000000000000000000000000000		
٠		84-92 (1500) P4-D+Z-013 - SIAME	9	SWC	13 6	5	14	81	
		SAND L CARPUEL AS ABOVE TO SU FINTENIAL	١	3 W			` .	• :	4
		WITH HER 4-3 INCH COBSIGS OF							
		ANGULAR ROCK, PENETRATION RATE			-  -				•
		BLOWED DURING LAST 2 FLET BUISH GARLY POSSIBLE LARGE BUIDER -				1			
	6	92-100(1520) P4-DHZ-ON-	51	w a	14 6		17	81	*
		AS ABOVE 74-94 84-92,	4	W	11.9	1	16		· •
		CONTINUES 4-5, NCH COBBLES,							
		ALL MATERIATES BLUISH GREY.							*
	L								•
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LE	NG EŖ:	PAUL BOSHEOGE CHEC	KE	D B	Y: • =		() L	~1	sien_
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ORING LOG 1	JUMBER:			1		Š					
	- DHZ					chi	<sub>:ET</sub> <b>3</b> ⊙	<i>U</i>		LOCATIO	ON SKETCH
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CLINATION	AZIMUTH:	HAMMER WEIGHT:	D D	ATE	DAT	E: 5	7/2/	7	7		
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8	DESCRIPTION		GRAPHIC	nscs	NUMBER	ΥΡΕ	BLOW COUNTZ	9	АГ	DITIONAL	COMMEN
					<u> </u>		224444	<u> </u>	<del>                                     </del>		- OOMMEN
100	-108 (1525) P4-D4Z-C		_								
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	F-C SANDIR-C COLANGE	1- SOME	1	100				0			
<b>&gt;</b>	3-6" COBBLES; SAND GA	LEYISH BROWN			and the same of th						
	COBBLES WHITISH GREY C	MELIOL,	.								•
	ORANGISH BROWN INTERIOR		_	_							
108			5	W	016	4	16	8'			
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	AS ABOVE						-			<i>*</i>	
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116-	-128 (1610) PY- DHZ-		S	N.	n	_	12	81	•		
	5 AND (F-C) + GRAVEL	(FINE,	C,	wo	71	7	1 _	8			
) 🖟	TRACE COARSE , were	GRADED									* - 0 - 9
	DRY LIBURGE CORY										, p
	ANGLIAR TO SUBANGU	un !									
124-	132 (1616) P4-DHZ-		+	-	-						
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*	5 AND & GRAVER AS A					<b>'</b>		1			
	116-124, LT Brown		1						•		
	GREY, ANDILLAN / 5 W.	MANGULAZ									
10-	GNAVERS		<del> </del>	+	+	+			*		
102	-140 (1630) P4-DHZ-C		54	,01	9/	2	14	81			
	SAND & GRAVER, WER										
	ANGUIAN / SUDANG.	BREALABLE									
*	PIECES WIPAUSGURE	PINGER)	<b>N</b>			1		2			
	GREY TO " LIGHT BLO	MODAL	***************************************		1		· [	_			
140	- 148 (1638) PY-DHZ-0		,								
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•	GRAVEL W/SAND, FI		•		'-	'	2	\$			
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	W/ F-M SAND. ANG	MAR "			1			_			
	LTGRAYISH BROWN, DA	24									
TH UNITS:		LOGGE		1.1.2		<u>L</u>					*
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ŘEVIŠIO	S SEV DATE DECISION	<sup>S'</sup>	<i>ΟΙ.</i>	U .	DU	πI	IVG	LO	G F	ORM	
	S REV. DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BY							· -			

	94-042	٠		-					LOCATION SKETCH
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9	ACIMULH:	HAMMER WEIGHT:	T-	DATE	FINIS	SHED	7/2/0	27	
METHOD	SOIL PROFILE					SAN	MPLES		
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ORIN	SOIL		GRAPHIC	10	JER.		he	VEB.	
+ m  -	DESCRIPTION		GRA	nscs	NUMBER	TYPE	SLOW COUNTY		ADDITIONAL COMMEN
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-	SANO + GRAVER,	WELL GRADED		410		•	(0	0	
5	LT BROWN, SPEAK	S CASULE							
-	DAY SUBANGU	LAR	<b> -</b>				-		area.
14	76-164 (1272) P4-0H	2-022			OZZ	67	9	8	•
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<u> </u>	64-166 (1736) P4-0	142-023	.	(	23	$\zeta_1$	9	2'	
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PH	OG. ID: OJECT NAME	ST An	JAJONY ,	MINE	EVATION:		DAT	TI INA.	SHEET	1 OF 4	LOCATION SKETCH
INC	CLINATION.		AZIMUTH		AMMER WEIGH		DRIL	L DAT	7/.	7/07	PY-047
	8			1.7	MINIEH WEIGH	T:	DAT	E FINIS	HED:	3/07	\$ 84-0HZ
(UNITS)	METHOD		SOIL PROF	FILE				9	SAMPLE	S	( / *
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.		(10) P	4-DH1-0	03 - AS	ABOVE						
		0-217	INTERWAT								
	12-2	0 (1150) 0	4-042-0	ant :		-	+				
5		TRANSIT	70N5 TO	UUY - AS	ADOVE			Ì			
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0	20-2	8 (1155)	P4-DH7-								
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	28-36	(1200)	PY-DHI-					-	and the superior of the superi	4	
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	1.0	SAND	9.000	GRABED,	Source	5	SP COL	9	13	8'	
		GREYISH BR	ONN, MY	- GRANCY	Sub pour	ED.					
			)			II					
	34-44	(1206)	PY-DHZ-								
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-		1771 6	BROWN, DRY	, subroun	060						
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	44-52	-(1215)	P4-0H7-	008 - 2	AND		++			4	
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- IN C	REVISIONS		ESIGN BY DRAWN SY RE	EVIEWED AND SIGNED BY		SOI	L $B$	ORI	NG	LOG	FORM

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		PY-DHI					program		LOCATION SKETCH
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-		ATION AZIMUTH HAMMER WEIGHT:		DRIL	L DA	TE: 2	7/3/0	7	
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DEPTH (UNITS)	METHOD	SOIL PROFILE	9			SAN	<b>MPLES</b>		
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55		SAME AS 44-521 INTERVAL		56	000	9	14	6	.1
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La									Audit TO PAULB.
60		60-68 (1229) P4-DHI-010 SANA-		-		-		17	2 FOOT VOID
		SAME AS ULISZI INTERVAL							
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		68-71 /1771 011	***************************************				Martin Control of the		-
70		68-76 (1236) P4-DHI-OH FAND-							
-		SAME AS 44-52 INTERNAL		SP	ou	Ci	12	81	•
		72-74 FEETBLS, (LITTLE 4-6" COMBLESS				- /	12	0	
75		WITH THE SAMPL PENG TRATTON RATE						.	
F		SLOWED Q ~ 72-74 FEET 945.	•		-	_		-	
		76-84 (1304) fy 5117 py P4-041-012		sw/.				١.	
80		SAND+ GRAVEL, FOR BECSAND,		GW	212	9	14	8,	
		F-C GRATELY WELL GRANED, SUBAULIN ON			.		, .		
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85		GREY, DRY	$\dashv$	$\overline{}$					•
	-	84-92 (1310) P4-DH2-013 - 5ANO+	5	w o	13	G	15	81	P4-DH1-013
		GLANGE, F-C SAND, F-C GRAVEL,	(	3W		1			1 BAG FOR RADS
90		TRACE 3" COBBLE S, SUB POUNDED /							
_		ROUNDED, IT BROWNISH GREY, DRY							
-	1	92-100 (1330) P4-DH1-014-GRAVEL +	-	-	_	-			
95			G	w/0	14 6		14	81	
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_		N 97/98 FEET PENETRATION RATE SLOWING.		.				-	
-		Bour Dek 7							
DEPT	HI	UNITS: FEET BGS  CONTRACTOR INVALENCE LOGO	GED	BY	1	240	1 AL LA	1117	TEREN
DRIL	ER	G CONTRACTOR LUTINE-WESTERN CHEC	CKE	D B	Y:				7
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			SC	IL	$B_0$	OR	ING	L	OG FORM
REV No.	_	REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BY							
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METHOD	SOIL PROFILE				S.	ΑMI	PLES		,
1			507		T	T	***	1.	
BORING	SOIL		SRAPHIC		ER		uR/hi	VER	
<u> </u>	DESCRIPTION		GRAI	SOS	NUMBER	YPE	BLOW- GOUNT/6	ECO	ADDITIONAL COMMEN
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<del>}</del>									
	100-108 (1335) P4-DHI-015 - SANO	٥,	4	se /	Y <		7	11	P4-047-015
	FORM GRADED, V. PALE BROWN.					7	س	$ \mathcal{D} $	1 BAG FOR RAD
5	UBROWN, DRY	12					*		
1 1			.			-			1 BAG FOR SPLI
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	108-116 (13112) 111 211				-	_	a Commence of the Commence of	-	
1	108-116 (1343) P4-041-016-		5	swol	6/1	5	15	81	
	SAND + CARAVEC, F-6 SAND, F-C		10	3W			•		
	CLAME, TRATE 3-4" COBBLES, WE								
+	GLADED, SUBJOUNDED, LT LAND P.	ROWN	Marie and American	-		l			
	116-124 (1410) P4-041-017-9A	, ,							
	AS 108-116 FT INTERVAL, TRAI	UDITIONS	5	WD	7 C		13	81	
	~ 120 to the very gare	=	G	W		7			
	GREYISH BLOWN				-	-			
- 1-					1				
5		415-200-000	51	<u> </u>	-	-			<u>L</u> ,
-	7124-132 (1418) P4-DHJ-018	1	. 4	w	1				
	124-126 - SAME AS 105-116 F	1	0.1	_ 018	3 9		14	81	
L	264WE 45 108-116 F					-		1	
-		-	SV	U					
-	10126-129 ELAN SANDY CLAY, LOW	CAT TO	GI						
72	THEAUMPUSTICETY, MESSIUM STIFF, YELLOWI	5 H						******	
-	DRANGE, DRY	1 11	- P. A			.			
	129-132 - 5AME AS 108-116	FT	est	VOP	G		2 8	51 :	
	FEW 6-7 COBBLES								
	132-140 (1437) 011							.	
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<u>- t (``\</u> :	THE DOTTE VOK				*******		····		
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80	RING	G LOG NUMBER:							LOCATION SKETCH
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		A TION			DAT		7/3/0	7	
	9	Western Western	<del>-</del>	DATE	FINE		27	7	
DEPTH (UNITS)	METHOD	SOIL PROFILE	106			SAN	MPLES		
TH E	BORING				or.			ERY	
DEF	8	SCIL DESCRIPTION	GRAPHIC	SOSD	NUMBER	TYPE	BLOW COUNT/6	RECOVERY	ADDITIONAL COMMENTS
ه سا					-	-	3001170	α	THE COMMENTS
150		148-156 (1510) P4-DH1-033 PP						<del> </del>	
		148-154 SAME AS 132-140 FT.		GW	1021	4	12	8'	
ITEC	_	159-156 3 AND F-M 4MIN							
150	>	PENETRATION DATE STAND	) <u> </u>	50					
		The Arte Just eg las (54	-	5°P	022	-le	10	1'	
160		156-156 (57 (1525) P4-041-022							
		SAME AS 154-156, VERT SLOW PENCETRATON RATE							
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IEV No.			SO	IL	BC	OR	ING .	LO(	G FORM
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	ij	AUICCAD FILE: SCALE: FIGURE No.							

LOC PRO	JECT NAME ST ANTIBALL AS ELEVATION:	DATUM SHEET OF 3
INCL	INATION AZIMUTH HAMMER WE	DRILL DATE 3/1/100
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		5 월 분 COUNTY® 및 ADDITIONAL COMMEN
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	A Maria Company	
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	F-M SAND SOME	b, 5w003 G 18 81
	( RAY 14 H BRAND) DAY TRANS	naxy
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	4-12 (0845) P4-044-003- AS A	BOUE
	IN 2-41 INTERVAL	
	12-16 - NONCROVERY (0848)	
	THE SAME AT MALE	
	(0855) PY-DHY-OOY, 1x6"00	
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	1	007/4
	20-28 (08 57) P4- D44-005 - SAND	
	TOUR SOME C-P LANGE	
	The state of the s	59 005 6 /6 81
	TRANSITION TO CIGHT GRAY	
	28-36 (0903) P4-DH4-006 - SAND	
	+ 61A/61 C = 34 NO	
- 1	+ GRAVEL, F-C SANDJE-C GRAVEL,	Sw 000 6 16 81
- 1	GULL GRANDEIS, GRANTSH BROWN, DLY	4 1 8 8
	3 ST COBLICS TRACE SILT WITTE	-
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ER:	PALLETON LAYNE - WESTERN	CHECKED BY:
		SOIL BORNES
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	HY-05th					CLI	EETZ	- 2	LOCATION SKETCH
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DER GO	DESCRIPTION		GRAPHIC	USCS	NUMBER	TYPE	GATA MR/W DLOW COUNTY	ECO\	ADDITIONAL COMMEN
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52-6	0 (0927) 14-044-0	19	+	Cul				-	
59	SAME AS 44-52 CT			44	009	9	17	81	
20	SUND & GRAVER TEA	NS ITTON TOS	#						
	GREY	<b>%</b> -							
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60-6	8 (0930) PY-1046	1-010	-	Sisi			A CONTRACTOR OF THE PARTY OF TH	101	
evenes :	5 AME AS 52-60	FT MITERUAL		6W	OID	4	16	8"	
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89									
70 68-7C	(0938) P4-044-01	(		5W	011	1	25	81	
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-	LITTLE F-C GRANEL	POORE							1 BAG RAOS
-	(NADED, ROUNDED - SU VERY PAGBLOWN, DRY	BROUNDED,							
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-     " ' '	2 (0955) PY-DHY-01		5	PO	B (	;	35 8	5/	
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ro j	RANSITION @ BOFT TO	LIGHT YELLOWISH			***************************************				
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	P4-DHY.	n						ET <u>3</u>	٦,	LOCATION SKETCH
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가	100-108(1000	1) 04 1 14	INS SOLVE		-			RPH	-	
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5	BROWNE	102-10	8 FEET							
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)	08-116 (1018)				SP	016	C7	17	81	
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	Some Com	TO BE	C, reckey							
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119	10-148 (1052)	) P4-044	-020					Ì		
	140-146 -	SAMI								
	146-148	TRACE LORA	TO F-M	-						
-	SAND, LITTE	EVE, MANCE,	VERY PACE BLOW		_					a so oth
	TENENTHION	NATE SCOI	NED 146-1481					***************************************	17	TOTAL DEPTH = 148FTBGS
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LER .	CONTRACTOR LAM	KI	(	CHECKE	D B	Y: _				***************************************
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oc	. ID:	<u> </u>	1-5	)H6	•								SH	EET	, سے OF.	3 / PILEY
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T						AZIMUT	H.	HA	MMER WEIGHT:		DAT	E FIN	ISHE	514	67	14-045
CNITS	METHOD				SOIL	PRO	FILE			100			SAI	MPLES		<b>*</b>
DEPTH 10	ORING N					001						8		GAMI	i n	PP4-DH6
3	90	<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>			DES	SOIL SCRIPTIC	)N			GRAPHIC	USCS	NUMBER	TYPE	COUNT		ADDITIONAL COMMEN
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5	1	b	- 100 + (14	and c	riao e pu—n	50, V.	PALEB	todi	SAND EN	r	-	CO	5	פו	2!	( )
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			V4	WW (5	H . BA	laws)	)				-					1x /2 8 AC, PADS
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- 1 F  LL	1 UI NG	NITS:	<u>PV</u> TRAÇT	OR: 11	3°C S 44N/C	-ine	STEAL	<u>N</u>		GGED HECKEI		: 1	RY	AN 1	tur	thren
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	PY- DHG					2	-	LOCA	TION SKETCH
OC. ID:	DE ELEVATION		DATI	JM:	SH	EET_C	5F3		
ÍCLINAT		IT.		L DA		14/0	7		
METHOD					SAN	1997 MPLES	07		
BORING METH	SOIL DESCRIPTION	GRAPHIC LOG		NUMBER	m	BLOW	RECOVERY		
	Stagnifion .	8	nscs	Ş	TYPE	COUNT	REC.	ADDITION.	AL COMMEN
		50	-		-		-	germanille felt i des cossos secures properties appeared to the secure of the secure o	
	52-60 (1459) P4-DH6-009-9A SAME ASZO-28 FECT	NO	5h	1000	4	30	81	_	•
}	60-68 (1503) P4-DH6-010-		e ( )		0		-	***	
	GRAVEL, WELL GLADED, SUBTLANDO GREY, DRY		5W GW	PID	G	70	8'		
		*							
	68-76(1530) PY-DHG-011-SAND. GRAVER AFIN 60-68, LT BROW	i	sw.	ou	4	20	81		
	GREY		•		THE RESERVE TO SERVE THE PERSON NAMED IN COLUMN 1997				
	76-84(1537)P4-DA6-012, AS	·	e)			Months of Cambridge States and			
	ABOVE 60-68, LIGHT YELLOWISH BLOW	und	gw g	5/2	G	21	8'		
			,						
	84-92 (1545) P4-DH6-013, A5 606	56'	iw c	130	9	£18	8		
	Little 5-6" COBOLES			6		7			· · · · · · · · · · · · · · · · · · ·
9	92-100 (1552) P4-DH6-D14 SAME AS		ω/ <sub>+</sub>	19.0		.0	a1		,
	84-92 KT INTERNAL		wo	14 G	)	19	8`		4
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TH U LING LER:	UNITS: FLET BUS CONTRACTOR: LATINE-WESTERN PAUL BOSHIKOVSKI	LOGGED CHECKE			RX	AN 1	tu	arguent.	•
		SC	OIL	B	$\overline{OR}$	ING	LC	G FORM	•
-	REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BY							- 1 010101	. *

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BORING	LOG NUMBER	<b>N</b> 1								LOCATION SKETCH
LOC. ID:		76	ELEVATION				SHE	<u>ЕЕТ 3 о</u>	F 3	
PROJEC INCLINA		AZIMUTH:			DATU	DAT	re: S	14/07	7	
		AZ IMOTA	HAMMER WEIGHT:	T	DATE	FINI	SHED	7/4/05	7-	
UNITS!		SOIL PROFILE		0			SAM	1PLES		
DEPTH (UNITS)				5010				CAMMA	H À	
DEPTH (		SOIL DESCRIPTION		GRAPHIC	uscs	NUMBER	TYPE	MYM	RECOVERY	
				9	Sn	≥	È	COUNTYS	- J.J.	ADDITIONAL COMMENT
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-	100-1081	1614) P4-0H	0-015		se	015	Co	16	81	Designation of a characteristic for the Contract of the Contra
-	SAND	SANDSTONE	E. F-M SAND				Ι΄			
08	POOR	T GILMIGO, 501	ME 3-5" COBBU	9						
	500	L- 10 4 PENE	TRATION RATE							
.	3-5	" " CABBLE	D Buist GRAT							
10	PEN.	RATE INCREA	560 104-108 RAY					and the second		<u>.</u>
	SAX	UB - VIPALE	BELLOWITH BROWN							
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	100	DEPTH = 108	FEETBUS							
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PTH L	UNITS: FLET	863	LOC	GGED	BY	1	240 F	W Hu	ur.	1REN
ILLER:	PAUL BOSH	LAYNE-WES	THE CHE	ECKE		Y: _				
				SC	IL	$B_0$	OR	ING	LC	G FORM
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В	ORIN	G LOG NUMBER:	***************************************						
		P4-DH5					1	_	LOCATION SKETCH
	OC. 1	D:		DATI	IM.	SH	EET <u>/</u> 0	F 3	PILEY
IN IN	ICLIN	ATION		DRIL	L DA		7/6/0	7	
	T,	William VIII VIII I	Τ	DATE	FINI	SHEE	7/40	7	DIATROADS
Ø.	METHOD	604 55054.5				SAN	1PLES		1 ( P4-DHS)
DEPTH HIMITS!	144		007		Т	т-		.,	
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DEP	a CE	SOIL DESCRIPTION	SRAPHIC	USCS	NUMBER	PE	GAM MY NR/ho DIOW COUNTYS	. o	ADDITIONAL
			U	3	ž	1=	COUNTYS	# #	ADDITIONAL COMMENTS
	, L						***************************************		
		0-2 (0945) P4-DH5-001 - SILTY SAND,	of Schoolships			┼		-	
		F-C SAND, LITTLE F CAME		SM	001	G	14	2'	ZXBAGS GOLAGRO
		GRAVED DE GILL, 134 BROWN, SUBROUNDED		SM	002	G	17 H	7.	
5		2-4 (0948) P4-DH5-002 - SAME AS			1	1		1	
		0-2 FT INTERVAL		ธา	003	4	14	8'	
$\perp$		4-12 (0955) P4-DH5-003-SAME AS							
$\vdash$		0-2 FT INTERVAL							
-10		O Z F I NO COLOR							
$\vdash$		- Water of the state of the sta	.						
-		12-20 (1000) PY-DHS-064-31445AND,	-	-					
-15		F-M SAND, POORLY GRADED, LITTLE	ļ	SΜ	904	6	14	8'	
-		F-C GRAVEL, SUBROUNDER, DK				9	. ,	٥	
		GREYISH BROWN, DAY							
-									
20		A warming a second framework and the second and the							
		20-28 (1004) PY-DH5-005 -SAND,						***************************************	
$\vdash$		FIM DAND, SOME CSAND, WELL	-	w	25		26	81	
L		GRADED LITTLE K-E GRAVEL				9	26	0	
		THE CT BROWN TO PAUL PARTY							
-		SUBROUNDED, DRG							
						_		_	
-30		28-36 (1010) P4-045-006 - SAND		- /	۱۸۰				
		KT K POVE \ TILIA NS ITION ES -	2	SW (	006	4	ZS	8'	
<b> </b> -		GRETIST BROWN (20-28FT)					1		
H									
<del>35</del>									
-		36-44/1-4			77	_	Part I		011
		36-44 (1015) P4-DH 5-007-SAND	>	W	07 (	7	30	₹,	P4-045-007
40		RS ABOVE, MIX OF GREYISH Brown						1	X/ZBAG FOR RADS
-		-> LT BROWN +> VIPALE BROWN (1610A					***************************************		TOIL RADS
		CHANGES W/ DEPTH IN THAT ORDER)							
-	ŀ								
<b>4</b> 5		44-52 (1020) PY-DH5-008 - SAND		0 h	4 ,		22 9	.,	
		FUM SAND, LITTLE COACCE	>'	ı uc	18 G	7 / 1		'	
-		LITTLE EGRALL, POORLY GRADED							
_		LT BROWN, DRY, SUBROUNDED							
DEP	ТН	UNITS: PEET BCS	10			125	1100 1	1	CTENEW
DRIL	LIN	G CONTRACTOR (HYNE-WESTERN) CHECKER PAUL BESHTOVSKI	aed Kee	BY:	: — Y:	LI	VIIV F	TU	CIEREN
ווחט	. L C F	THE DOMEOVSKI		_	-				
_			00	**	-	~ <del>-</del>			
DEV			SU	IL	B0	$\mathcal{I}R$	ING	LC	OG FORM
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		PROJECT NO. AutoCAD FILE							
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ВC	RIN	G LOG NUMBER								
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	C. I	CT NAME ST ANTHONY MINE		DATL						
INC	LINA	ATION AZIMUTH: HAMMER WEIGHT:		DATE	FINIS	E: 🖊	76/07	Z		
	0						<i>v</i>			
NITS	METHOD	SOIL PROFILE	907			SAN	1PLES			
DEPTH (UNITS)	NG N				_		GAMMA			
DEP I	BORING	SOIL DESCRIPTION	SRAPHIC	nscs	NUMBER	JE .	uR/hr	SOVE		
			<u> </u>	S	Ž	E	COUNT /6"	BE C	ADDITIONAL CO	MMENTS
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-		C	-							
-		52-60(1025) 74-045-009-5AND		0	009	G	29	~		
55	†	SAME AS 44-52 FT INTERVAL		۱د	,	,	21	8		
$\vdash$							-			
La										
60		60-68 (1040) P4-0H5-010 - SAND						_		
-		SAME AS 44-52 FT INTERVAL		58	010	5	23	81		
		YELLOWISH BROWN						ן ס		
65		TOCCOUNTY A BIRDANIN								
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70		68-76(1054) P4-D45-011 - SAND						-		
70		AS IN 60-68 FT INTERVAL	1	58 (	)ij	6	26	31		
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75						.				13 /
		76-84/107 DUL 145-017 - SAND						_		
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85	-	84-92 (1108) P4-DH5-013-5AND	$\neg$		_	+				
		FLM SAND, TRACE FINE GRAVEL,	3	A Q	13 (	5	16 8			
		PORLY GRADED, TRACE 3-6"								
-		(OBOLES, SUBANGULAR, GREY, DRY								
90		,								
-		a-		-						
		92-100/1/18) PY-DHS-014 - SAND	4	10	nd c		16 8	1		
95	-	AFIN 84-92 FT INTERVAL		.	7		10			
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-	l						7			
DEP.	ГН	UNITS: FECT 1365			1					
DRIL	LING	G CONTRACTOR: LAYNE WESTERN CHEC	GED OKEI	BY:	Ľ	4 A	N HU	CTS	nen	
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- L			<i>SO</i>	IL	B0	$\mathcal{I}R$	ING	LO	G FORM	
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	W	SCALE: FIGURE No:								

8	ÓRIN	NG LOG NUMBER:					· ·	<i>x</i>	
		PY OHS							LOCATION SKETCH
L.C	ЭC, 1	ID:		~		SH	<sub>ЕЕТ</sub> <u>З</u> оі	F 3	2
PI	CLIN	LATION		DAT		TE: Z	2/6/0	Z	
	T	AZIMUTH HAMMER WEIGHT:	- T	DAT	E FIN	ISHED	7/6/0	7	
(S)	METHOD					SAN	MPLES.		
DEPTH (UNITS)	L L	SOIL PROFILE	501		7		T/ a		
I	SOBING				a		UR Mis		
DE D	Se Ce	SOIL DESCRIPTION	SRAPHIC	uscs	NUMBER	YPE	(BLOW	18	ADDITIONAL COMMENTA
			1 8	3	Z	<u> -</u>	COUNT76	œ	ADDITIONAL COMMENTS
10	_								
F		100-108(1123) P4-DH5-015 -SAND		20	05	6	115-	8'	
		AS IN 84-92 FT INTERNAL.		1	0.3	9	45	8	·
<u> -</u>	L	TRANSITIONED TO LT BROWN							
10	8			İ					
-									
		108-116 (1130) P4-DH5-016-5AND			ļ				
HI		AS IN 100-108 FT INTERNAL		58	016	6	45	8'	P4-DH5-016
F		A IN LOOP TO B HI INTERVAL							1 × 1/2 BAG FOR RADS
<b>L</b> .	_								1×1/2 DAG FOR SPLP
HK	*	•							
-	1	116-124(1139) PY-DH5-017 -SAND		9	017	-6	45	8'	
		AS IN 100-108 RT INTERNAL				-,	13	0	
HZ0	<b>b</b>								
Ė									
F									
HZ.		124-132 (1153) P4-DH5-018	1	-					
Le	>			SP	018	9	18	31	
-		124-726 - SAND AS IN 100-108FT.							•
		126-132 - SAND, E-M SAND, POORLY							
13	0	GRADE, LITTLE F-C GRAVEL OF							
		BROWN,							
_				_		_			
120	_	132-138(1158) P4-045-019		58	un e	4	14 2	8	·
134	<b>'</b>	SAND FGAME, F-M SAND, SOME	-	-			6	./	
-		FIC GRAVEL, SAND-DPOORLY GRADED, YELLOWISH BROWN, GRAVEL + TRACE					6	eelf	
	ľ	5" COMBINA, GRAVEL & TRACE	4					7	
140		S' COBBLES ANGULAR - SUBANGULAR PENETHATION RATE SLOWED @ 135"	2						
		AND EVEN MORE @ 137-1865							*
-		L 7.043							
145	-	TOTAL DENTH = 178 FEET B(15							
1		8 FEET BUS							İ
-									
DEP	<del></del> _	UNITS: FEETBLS							· ·
DRIL	LIN	IG CONTRACTOR I WALL INCOME	GGED ECKE	BY	: 1	RY	AN HU	UTT	rren
DRIL.	LEF	PANE BOSHKOVSKI	ILUKE	υB	f: .				
			SC	OIL	B	OR	ING	LO	OG FORM
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	VCLIN	CT NAME -	31 647	HOW	AZIMUTH:	NE	HAMMER WEIGH		0	RILL	DAT	E-7	16/0	7	
1							HAMMER WEIGH	<u>'':</u>	- D	ATE	FINI	SHED:	7/16	107	-
Ĝ	METHOD	=		SOL	L PROFI	I ==			(3			SAM	PLES		
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1	3 6	-		D	ESCRIPTION				GRAI	nscs	NUMBER	TYPE	COUNT 4	- O	ADDITIONAL COMMENTS
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		2-4	1166	C) DO	L)V. PAR	e bloc	ADED, TRA WN, DRY SAND, A	_		54	$\infty z$	9	110	2	
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		1' '	( 10-1	7 7 3	- DHS.	003	-SAND, A	15		ļ					
-1	0		Amer	-7 FT	ENTE	RUAL,	INCREM SE	2							
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-		12-20	> (162	4) P3-	-DH8-	004-	SAND, SA	no -		0	201	G	· · · · ·	-	
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F		20- 26	11647	)P3-01	18-00	5-51	AWO, SAME		5	6 0	200	5	140	8'	•
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_ <sub>25</sub>															
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$\vdash$		28-3	661652	L) P3.	-048-	006	- SAND,	*******	٠.		_	_	10 -	-	
30			BANK	AS 4.	17.60	14/17	a vitar	-	12	$\alpha$	× 1	9	120	প্ত'	
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35															
		36-44	1/165	<i>y</i> \	i esc				<del> </del>			-			
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40			The second	1 V.	for the		and the								
-			W/1100	MAGE	GREEN	SHACK	= Chumal	65							
_			,		HUESTUR	E, CLA	THEY SANOT	e pre			ĺ				
											13		ĺ		
45		44-5	2(170	5) P3.	-0H8-	008	-SAND,		58	OC	A.C		15	81	
_			54me	45	4-12	ET	-514ND, BARK BROW	N	`						
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DEF	РТН	UNITS: _	Gus	865		<del>-</del>	1	LOGGE	ED.	HY.	1	5/1	22/1/	12 =	TOREN + Tobalesson
DRI	LLIN LLEF	G CONTE	HACTOR BOSH	COVEN S	16-WE	STER	N	CHECK	ED	BY	(: <b></b> _				to they lesson
						T T									
							·	Ç	$\mathcal{O}$	11.	R	)R	INC	7	OG FORM
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	A	<u> </u>			PROJECT No.	Y REVIEWED A	<u> </u>								
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	ВС		LOG NUMBER:					-··		LOCATION SKETCH
	10	C. ID	3-DHB				SHE	ET <u>2</u> 0F	2	
	PR	OJEC	ET NAME: St. Anthony Mire		DATU		E: 3	2 Kel 07	-	
	INC	T	TION: AZMUTH: HAMMER WEIGHT:		DATE	FINIS	SHED	7/16		
	(UNITS)	з метнор	SOIL PROFILE	507		I -	т	IPLES		
	ОЕРТН	BORING	SOIL DESCRIPTION	GRAPHIC	nscs	NUMBER	TYPE	G AMM BLOW COUNT/6"	ECOVER	ADDITIONAL COMMENTS
				Ť				3001177	Œ	
50	0 		52-60-14 brown sand withere 5:14, fire-med, collected on 7/14-P3-DHB-009 1 20% gravel + small coldoles	1 1	5 <b>0</b>	Defi	G	120	$\mathscr{C}'$	
60	— —10		60-68- As above, It brown		Sw	olo	G-	130	81	RAO Sample
	-		gravely sand				-			<b>V</b>
70 Bo			GB-76-As above (A.A.) 76-84-AA		And the second s		***************************************	/20 g		
	-35 - -		84-92-AA, at 90' hit a dark brown layer trads appears to be sent, & chunes ay weathered ss.	5	wc	3	G	130	8	
70	-40 - - - -45		70-100-Dark brown clayey sand, w/caliche & chargey breadyered SS	5	WÔ	4	<b>4</b>	120 8	· *	Agro Sample 1 Rads
00	DEP	ТΗ (	JOS- Brown Siltynclay w pieces of LOG CONTRACTOR: Layre CHE	GED		< d c	,0	20 8	1/2	E08=108'
L <sup>u</sup>	ORIL	LER	Laul 8.							
R	EV.		REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BYD	SC	OIL	В	OF	RING	LO	OG FORM
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ВС	RING	LOG NUMBER: P3-DH7							LOCATION SKETCH
LO	C. ID		······			SHE	ET 1 01	-3	
PR	OJEC	CT NAME: St. Lathony Mine		DATU DRILL	DAT	E: *-}	16/0	7	
INC	LINA	TION: AZIMUTH: HAMMER WEIGHT:	<del></del>	DATE	FINIS	SHED:	77/16	105	
S	METHOD	CON DECEME				SAM	PLES		
TINU)	MET	SOIL PROFILE	100		T	T	_	≥	
DEPTH (UNITS)	BORING	SOIL	GRAPHIC LOG	S	NUMBER	1	eamma	>	
DE	8	DESCRIPTION	GRA	nscs	N N	TYPE	BLOW COUNT/6	REC	ADDITIONAL COMMENTS
-0	-		-	e. /		0	80	21	
L.		0-2-Lt brown gravely sand with		P	OUT		0 -		
		Sitt, Sand fire med			002	G	7	21	Rade + agro 2-4'
5		2-4-A.A.		>vv			, ,		Rade + agro 2-41
									11:30
-									
-10		4-12-A.A., grayish tint		SW	063	6	63	8	11:30
E		Juntisk 1.614							
F			1	l	1 1				
15									
-		A A		5~	000	4	_	8'	11:35
		12-20-A.A. med Sown		C. 19	/		05		
F.,									
20 									
E									
-									
<del></del> 25					noné	6	~ ^	Q'	1185
$\vdash$		20-28 - AA. Mixed hed brown &		>w			70	0	
		H. Gray, to pieces of shale							
-30		1							
F						l			
				4 W	auto		70	0	1142
-35		28-36-LA brown sandy gravel,	f	SW	220		40		
		gravely sand, bor, moist							
$\vdash$									
40		, se							
									•
-	ļ	36-44- Med brown, Sand w/gravel,	5	w,	na l	0	60	80	145
— 45		f.m. moist, trace small rubbles		ů				1	
-									
		44-52- As above	5	wo	08	3		8	1150
DEP	ТН	UNITS: FUX LOC	GGE	) B	Y: .	7	الاعدم	10	2 S-10
DRIL	LLIN LLEF	G CONTRACTOR: Layre CHE	ECKE	ED E	3Y:				
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	<u></u>		S	OII	L	BOI	RING	L	OG FORM
REV.		REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BY	·						
		PROJECT No.: AutoCAD FILE:							
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İ		P3-DH7					den	,	LOCATION SKETCH
	C. ID:	ELEVATION:	·	DATU	M:	SHE	ET <u>2</u> OF		
		T_NAME.: TION: AZIMUTH: HAMMER_WEIGHT:		DRILL	DAT				
		AZINOTI. TAWWEN WEIGHT:	T	DATE	***************************************		DI EO		
DEPTH (UNITS)	IG METHOD	SOIL PROFILE	501 DI		I	SAM	PLES	ERY	
DEPTH	BORING	SOIL DESCRIPTION	GRAPHIC	nscs	NUMBER	rype	BLOW COUNTYS"	00	ADDITIONAL COMMENTS
			Ť	Ť	-			<u> </u>	
L 0		44-52- See P.7	1						
_									
 5									
_					,				
-		52-60 - As above Lt-ned brown, gravely sand, from, moist		SW	æg	6	70	8'	1200 SPCP
—10 —		gravely said, I'm, moist							
-									
 15									
_		Land Co. No. No.			mire	/	70	01	1205
-		60-68- As above, mixed wipieces		544	UIU	G		8	
-20 -		July 2 years							
-		it at an							
 25		68-76-Dark prown sand w/ grawl	٠,	5w/	211	G	70	81	1210
-		frm, moist, tace cobbles							
-									
<del>-</del> 30									
-		76-84- As above, med brown only	\$	5W C	512	0	65	8'	1215
- -35									
-									
-		84-92. As above					1.0	25	1220
-40 -		84-12-11-000	1	5W C	03	اسو		8	12-0
-									
-45									
-	é	27 - 100 1							1225
		12-100 As above, piece of glastic		5w/C	74 (	9-	6e	Š	1225
		UNITS:LO	GGE	D B'	 Y :				
ORIL ORIL	LIN LEF	G CONTRACTOR:	ECKI	ED E	3Y:				
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EV.		OF DECEMBER 1	S'	UIL	ı E	30I —	tING	L	OG FORM
io.		REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BY							

			<u> P3-D</u>	47						C r	EET <u>3</u> C	- 2			N SKETCH
	D. ID:	110115 20			E	LEVATION:		DA	TUM:		11.1.1	) [- 4,555-	-		
	JECT		Anthon	AZIMUTH:							7/16/0		]		
			***************************************	· AZIMUTH:	п	AMMER WEIGI	HT:	DA T	TE F	INISHE	7/16	107	-		
S)	METHOD									SA	MPLES				
(UNITS)	ME T		SC	IL PROFILE	Ξ		.	501			1		-		
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DEPTH	BORING		1	SOIL DESCRIPTION				GRAPHIC	SOSO	NUMBER TYPE	BLOW COUNT/	. 8	ADDI	TIONAL	COMME
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		Cim to		e - \	, Diece	elle sa	LG.				117				
-10	l a	F.m.tc	COOKSE	>06.51	Teaco	Small	Í							•	
_		colobles				•									
-							ŀ								
 15		108-116	- Acaka		~\	_				1	70	0/1	1240		
- 13		108-114	(-) M-00	, co/	F 86 13 86 10	es 04	l	5	1 O	0 0	70	0	1240		
-	E	slace, l	ey rich	sithy cl	lay		-						•		
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-20	<	tontact.	~1191												
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-	· ·	10-124	- Deace	v 2119	y da	less so	ŀ	c	_ 01	7 G	60	8	1255		
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RILL	ER:		1011.			Minhistorium	CHEC	ノベビレ	BY	:					
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v.		REVISIONS	DEV 5:33	rough ov	BENEWS	10									
<u>,                                    </u>			REV. DATE D	PROJECT No.:	REVIEWED AN SIGNED BY									***************************************	

ВС	PRINC	LOG NUMBER:	4.7	***************************************						LOCATION CONTRACT			
		NO-DH9					1	1	LOCATION SKETCH				
LO	C. ID	Shaft New ELEV		DAT	I I N.A.	SHE	ET LO	=	1N ( )				
PR	OJEC	OT NAME: St. Little on him					TE: 🝜	7/16/0	7	11 6 - (			
INC	JLINA	TION: AZMOUTH: HAMI	MER WEIGHT:		DATE	FINI	SHED	1 -10	- S.E				
	1 8						SAM	IPLES		Mire			
ITS	METHOD	SOIL PROFILE		l g			ŞΑΙV	IFLES		Dump Dump			
Ę	× ×	4		507					<u>}</u>	(			
DEPTH (UNITS)	BORING	SOIL		GRAPHIC	S	BER	l	Gamm	N E	The state of the s			
DE	8	DESCRIPTION		GRA	USCS	NUMBER	TYPE	BLOW COUNT/6	RECOVERY	ADDITIONAL COMMENTS			
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L		0-2- Ham San 1	\ \ \	1		cha i	_	2.	- (	100			
-		0-2- Lt gray, sand wilgoare	1 4 -10CC	+	PK	001	2.3-	60	du	1420			
		Silt, sand vf-f, dry											
<b>—</b> 5		2-4 AA.			0	ma n		1-6	- ·	1623 Agrot Rad			
-					P.V	COZ	J.	(2)	-				
-													
-10		4-12-AA, grayish brown							0.	1628 Rada EPLP			
H		(40000) 7 Jud 24 0600.		1	500	003	G	60	0	10-8 MARKEPER			
		Cuppaise to se latine	~ (1,)										
		*	er .	aseo									
15				0									
				4									
		12 - 2 0 - 1 ) \ -							01	1635			
-		12-20-17 brown granely 5	iand,	3 1	5W	004	6	Market Commence of the Commenc	0	7835			
20		12-20-Lt brown gravely 5 from with course, moist	,	*									
_		EOB = 20'											
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<b>-4</b> 5													
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DEP	DEPTH UNITS: Feet 1000ED BY Toll 1000ED												
DRIL	RILLING CONTRACTOR: Laure Western CHECKED BY:												
DRIL	LEF	: Kaul K.	762			•			****	***************************************			
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REV. No.		REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BY											
	A	PROJECT No.:											
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ВС	RING	LOG NUMBER: $MQ - DHIO$				***			LOCATION SKETCH
LO	C. ID	Shaft has	<del>,'</del>			SHE	ET 1 OF		
PR	OJEC	TIMME: St. Dothory him			L DAT		7 18/0	7	
	T	AZIMUTH: HAMMER WEIGHT:	T	DATE	FINI		7	7	DHIO Mine
(UNITS)	METHOD	SOIL PROFILE	SOIL PROFILE		PLES		Juny Duny		
ОЕРТН (О	BORING N	SOIL	SRAPHIC L		EB		Gammo	VERY	
DEP	BOF	DESCRIPTION	GRAF	nscs	NUMBER	TYPE	Gammo BLOW COUNT/6	RECO	ADDITIONAL COMMENTS
		L half							
F		O-Z-4 brown sand wigrard,	1	58	001	6	110		6040
F		2-4-Lt brown gravely sand,		•	007		f/tr	2"	0810 SPLP 0812 Rad + Dup
_5		f-m. dry gravely sand,		Þľ		9	770	2'	OS12 KAS + DUP
F									
F						·			
—10 T		4-12- A.A., moist, brownish gray		50	0e3	G	100	8	08/8
		•							
 15		•							
_		12-20- A.A., moist, brownish gray		-0	004	G	95	8	OG73 Agia , Rad
				>T	i i				9,000
20 									
		med	r						
 25		torned, brown @ 20'							
-			6)						
_		20-28-Med brown growelly	30	50	oos	G	85	81	0825
-30		sand, moist, contains wire +	To !					l	0825
-	ľ	orther teach.	4		.				
 35		2 8-3 Can A . \ \			206			8'	5835
-35		28-36- As above woldagey.		Ì					
-	ľ	'							. *
<del>-4</del> 0	l	EOB= 36							
-	ŀ								•
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<del></del> 45									
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DEP DRIL	TH LING		GGE ECKE				pode	00	501
NKIL	LEA	Edul F.			···				
			S	)II	$\mathcal{L}$	BOF	RING	Lc	OG FORM
REV. No.		REVISIONS REV. DATE DESIGN BY DRAWN BY REVIEWED AND SIGNED BY							·
	Œ!	AUTOCAD FILE: SCALE: FIGURE NO:							<b>,</b>