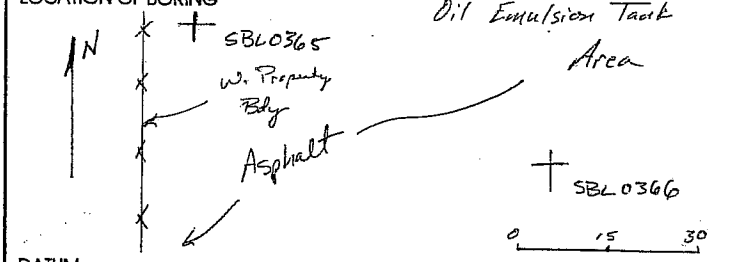
BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Arden APN 7351-31-21

DRILLING METHOD: Hand Auger to 4.0' Mark 1125 vibratory hammer

BORING NUMBER: SBL0366

SAMPLING METHOD: 2" Brass sleeve, manual drive 1.5" acetate liner, continuous core

SHEET: 1 OF 2

SURFACE CONDITIONS: 0.2' Asphalt

DRILLING: START TIME 1220 DATE 6-24-03; FINISH TIME 1420 DATE 6-24-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
								SM	Very dark grayish-brown (10 YR, 3/2) and dark yellowish-brown (10 YR, 4/6) silty fine SAND w/ gravel, damp, dense
							1	CL	Very dark brown (10 YR, 3/3) CLAY w/ silt and some very fine sand and gravel, moist, med. stiff
		1224	1.5-2.0		0.1	SS501843	2		
							3	Concrete	Concrete pad
	4.0 / 3.8				0.2		4	CL	Very dark grayish-brown (10 YR, 3/2) silty CLAY w/ very fine sand, moist, - Becomes dark yellowish-brown (10 YR, 4/4), root casts
							5	SC	Dark brown (10 YR, 3/3) clayey fine SAND w/ silt, moist, root casts loose
					0.1		6		
		1410	7.0-7.5		0.1	SS501844	7		
	4.0 / 2.9				0.1		8	CL	Dark yellowish-brown (10 YR, 4/4) sandy CLAY w/ little silt, moist, stiff - Becomes sandy, increased sand
							9		
							10		

BY Mark Wenek DATE 6-24-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28106318.01000	APN 7351-31-21

DRILLING METHOD: Hand Auger to 4.0'
Mark M25 vibratory hammer

BORING NUMBER: SBL036C

SAMPLING METHOD: 2" Brass sleeve, manual drive
1.5" acetate liner, cont's core

SHEET: 2 OF 2

DRILLING: START TIME 1220 DATE 6-24-03; FINISH TIME 1420 DATE 6-24-03

SURFACE CONDITIONS: 0.2' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	CL
					0.1		11	
							12	
	4.0 / 2.6				0.1			
							13	
								SM
					0.1		14	
							15	
							16	
							17	
							18	
							19	
							20	

- Becomes olive-brown (2.5Y, 4/4)

Dark yellowish-brown (10YR, 4/6) silty, fine SAND, moist, med. dense, faint root casts

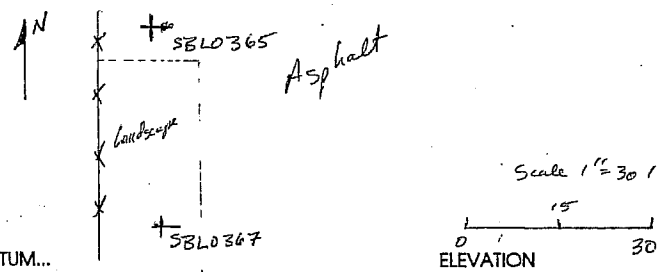
Boring completed to ~ 16' on 6-24-03

BY Mark Wenek DATE 6-24-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Arden APN 7351-31-21

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer	SBL0367

SAMPLING METHOD:	SHEET
1.5" acetate liner, cont's core	1 OF 2

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
	TIME 1430	TIME 1530
SOIL (landscapes)	DATE 6-24-03	DATE 6-24-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0		
	4.0 / 3.3	1444						SM	Very dark grayish-brown (10YR, 3/2) - Becomes gravelly
							1	CL - SC	dark brown (10YR, 3/3) sandy CLAY - clayey SAND w/ little silt and trace gravel
		1444	1.5-2.0		0.2	SSS01845	2		
									Increases to - ~~Becomes~~ w/ gravel
					0.1		3		
	4.0 / 3.8	1448			0.1 ~~0.1~~		4		• Becomes ~~no~~ trace sand ~~& trace~~ silt, mottled w/ dark yellowish-brown (10YR, 3/6), root casts
							5		
							6		
								SM	Dark yellowish-brown (10YR, 4/4) silty fine SAND, moist, dense, root casts
		1448	7.0-7.5		0.1	SSS01846	7		
								CL	yellowish-brown (10YR, 5/4) CLAY w/ very fine sand and little silt, moist, very stiff, root casts
	4.0 / 3.3	1510			0.1		8		• Becomes ~~sa~~ olive-brown (2.5Y, 4/4), sandy
							9		
							10		

BY Mark Wanek CHECKED BY DLM

DATE 6-24-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN7351-31-21

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer	SBL0367

SAMPLING METHOD:	SHEET
1.5" acetate liner, continuous core	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
Soil	1430	1530
	DATE 6-24-03	DATE 6-24-03

DRILLING CONTRACTOR Gregg

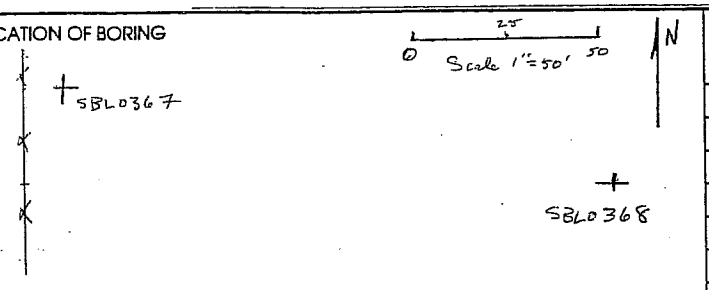
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	GL	
							11	SC	Olive-brown (~~10YR~~ 2.5Y, 4/4) clayey very fine SAND w/ silt, moist, dense, root casts
					0.1				
							12		
	4.0 / 3.7	1520			0.1				
							13		
								SM	Dark yellowish-brown (10YR, 4/4) silty very fine-fine SAND, moist, dense, root casts
							14		
							15		~Become trace clay
					0.1				
							16		Boring completed to ~16' on 6-24-03
							17		
							18		
							19		
							20		

BY Mark Wenck CHECKED BY DLM

DATE 6-24-03

DAMES & MOOR

BORING LOG



JOB NUMBER	LOCATION (Arden)
28906318.01000	APN 7351-31-21

DRILLING METHOD:	BORING NUMBER
Mark 1125 vibratory hammer	SBL0368
SAMPLING METHOD:	SHEET 1 OF 2
1.5" acetate liner continuous core	DRILLING START TIME 1555 DATE 6/24/03; FINISH TIME 1615 DATE 6/24/03
SURFACE CONDITIONS: 0.2' Asphalt	

DRILLING CONTRACTOR Cregg

DATUM... ELEVATION

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 3.8	1556			0.1			CL	Very dark brown (10YR 2/2), CLAY w/ fine sand and gravel, some silt, moist, med. stiff
							1		
									- Becomes gravelly
		1556	1.5-2.0		0.1	SS501847	2		
									- Becomes sandy, little gravel
							3		
									- Becomes some gravel
					0.1		4		
	4.0 / 2.8	1558			0.1				
							5		- Becomes gravelly
							6		
		1558	6.3-6.8		0.1	SS501848			- Asphaltic-like material at 6.3'
									- Wood debris, faint moderate petroleum odour
							7		
							8		
	4.0 / 3.7	1604			0.1				
							9		- Becomes olive-brown (2.5Y, 4/3), sandy, no gravel (core 4/4)
									- Becomes dark yellowish brown, root casts
							10	SM	Dark yellowish-brown (10YR, 4/3) silty very fine-fine SAND w/ trace clay, moist, dense

BY Mark Wanek DATE 6-24-03 CHECKED BY DM

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-31-21

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer	SBL 0368

SAMPLING METHOD:	SHEET
1.5" acetate liner	2 OF 2
continuous core	

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.2' Asphalt	1555	1615
	DATE 6-24-03	DATE 6-24-03

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SM	
							11		- Becomes no clay
					0.1		-12		
	4.0 / 2.3	1610			0.1				
							13		
							14		- Becomes med. dense
					0.1				
							15		
							-16		Boring completed to ~16' on 6-24-03
							7		
							8		
							9		
							0		

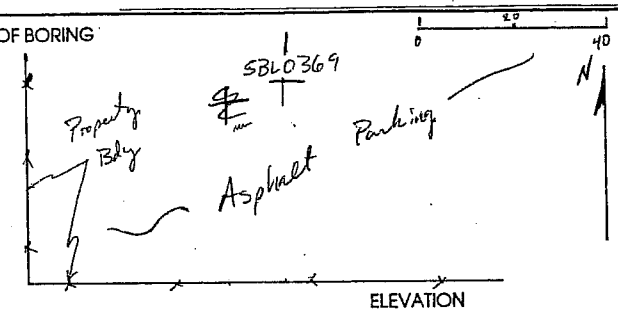
BY Mark Wanek CHECKED BY DLM

DATE 6-24-03

DAMES & MOO

BORING LOG

LOCATION OF BORING



DATUM...

JOB NUMBER: 28906318.01000

LOCATION (Arden): APN 7351-31-21

DRILLING METHOD: Mobil M25 vibratory hammer

BORING NUMBER: SBL0369

SAMPLING METHOD: 1.5" acetate liner, cat's claw

SHEET: 1 OF 2

DRILLING: START TIME 1618, DATE 6-24-03; FINISH TIME 1645, DATE 6-24-03

SURFACE CONDITIONS: 0.2' Asphalt

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 2.9	1620						SM	Yellowish-brown (10YR, 5/4) silty fine SAND, damp, loose
							1	CL	Dark grayish-brown (10YR, 4/2) sandy CLAY w/ gravel and silt, moist, soft, slight petroleum odor
		1620	1.5-2.0		0.1	SSS01849			
							2		
					0.1		3		
							4		
	4.0 / 3.7	1622			0.1				- tile pieces, no petroleum odor
							5	SC	- Becomes dark brown (10YR, 3/3), ~~sandy, no gravel~~ MW clayey fine SAND w/ some silt, moist, med. dense, root casts
							6		
									- Becomes - Decreased clay
							7		
					0.1			CL	Yellowish-brown (10YR, 5/6) sandy CLAY w/ silt, moist, very stiff, root casts
							8		
	4.0 / 3.4	1630							- Root casts prominent
							9		
							10		

BY Mark Wheeler DATE 6-24-03 CHECKED BY DLM

DAMES & MOOR

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-31-21

DRILLING METHOD: Mark M25 vibratory hammer

BORING NUMBER: SBL0369

SAMPLING METHOD: 1.5" acetate liner, continuous core

SHEET: 2 OF 2

DRILLING START TIME: 1618

DRILLING FINISH TIME: 1675

DRILLING START DATE: 6-24-03

DRILLING FINISH DATE: 6-24-03

SURFACE CONDITIONS: 0.2' Asphalt

DATUM...

ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	CL
							11	
	4.0 / 2.1	1642					12	SM
							13	
							14	
							15	
							16	
							17	
							18	
							19	
							20	

- Becomes brown (10YR 4/3)

Dark yellowish-brown (10YR 4/6) silty very fine SAND w/ trace clay, moist, dense

- Becomes med. dense

Boring completed to -16' on 6-24-03

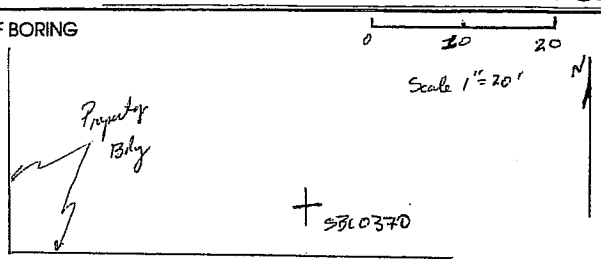
BY Mark Wanek CHECKED BY DLM

DATE 6-24-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	28906318.01000
LOCATION	(Arden) APN 7351-31-21
DRILLING METHOD:	Mari M25 vibratory hammer
BORING NUMBER	SBL0370
SAMPLING METHOD:	1.5" acetate liner, cont's core
SHEET	1 OF 2
SURFACE CONDITIONS:	0.2' Asphalt
DRILLING START TIME	0739
DRILLING FINISH TIME	0800
DRILLING DATE	6-25-03
DRILLING DATE	6-25-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 3.1	0739						SM	Dark yellowish-brown (10YR, 3/4) silty fine SAND w/ gravel, damp, dense
							1		
					0.1	SSS01850	2		
								CL	Dark yellowish-brown (10YR, 3/6) CLAY w/ sand and some silt, moist, stiff
							3		
	4.0 / 3.8	0742					4		
									- Faint root casts apparent
							5		- Root casts prominent
							6		- Becomes sandy
								SM	
							7		Light olive-brown (~~to~~ 2.5Y, 5/4) silty, very fine-fine SAND w/ trace to little clay, moist, dense, prominent root casts + trace gypsum
	4.0 / 3.2	0745					8		- increased clay
								SC	Yellowish-brown (10YR, 5/6) clayey fine SAND w/ silt, damp, dense, small, prominent root casts
							9		
							10		
								SM	

DRILLING CONTRACTOR Gregg

BY Mark Wamke CHECKED BY DLM

DATE 6-25-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: 2890631B.01000

LOCATION: APN 7351-31-21

DRILLING METHOD: Mobil B25 vibratory hammer

BORING NUMBER: SBL0370

SAMPLING METHOD: 1.5" acetate liner, cont's core

SHEET: 2 OF 2

DRILLING START TIME: 0789

DRILLING FINISH TIME: 0800

DRILLING START DATE: 6-25-03

DRILLING FINISH DATE: 6-25-03

SURFACE CONDITIONS: 0.2' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Greg GT

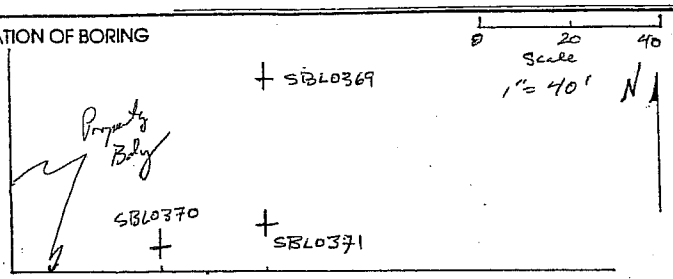
BY Mark Jones DATE 6-25-03 CHECKED BY DCH

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SC	
								SM	Yellowish-brown (10 YR, 5/6) silty fine SAND w/ trace clay, moist, dense, small root casts
							11		
							12		
	4.0/3.8	0755							- Becomes brownish-yellow (10 YR, 6/8), no clay, very fine-fine sand
							13		
							14		
									- Becomes very fine sand
							15		
							16		
									Boring completed to 16' on 6-25-03
							17		
							18		
							19		
							20		

DAMES & MOORE

BORING LOG

LOCATION OF BORING



JOB NUMBER 289063 18.01000	LOCATION Arden APN 735-31-21
DRILLING METHOD: Mail M25 vibratory hammer	BORING NUMBER SBL0371
SAMPLING METHOD: 1.5" acetate liner, continuous core	SHEET 1 OF 2
	DRILLING START TIME 0810 DATE 6-25-03 / FINISH TIME 0832 DATE 6-25-03
SURFACE CONDITIONS: 0.2' Asphalt	

DATUM... ELEVATION

DRILLING CONTRACTOR Cal-Eng Ltd

BY Mark Lazarek CHECKED BY DCM DATE 6-25-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
	4.0 / 2.4	0810					0	A/C
							1	SM
								GM
								SM
		0810	1.9-2.4			SS501851	2	
							3	
							4	
	4.0 / 3.8	0812					5	
							6	
							7	
							8	
	4.0 / 3.7	0817					9	
							10	

Asphalt

Dark brown (10YR, 3/3) silty fine-coarse SAND w/ trace clay, moist, loose

Gray, silty cobbles to 1.5" diam. GRAVEL, silty

Dark brown (10YR 3/3), fine-med SAND w/ trace gravel, damp, dense

- Becomes gravelly from 5.0-5.25'
- Becomes dark yellowish brown (10YR, 3/4), trace gravel, fine sand, faint root casts, trace gypsum

- Becomes trace clay

- Root casts more prominent

- Becomes yellowish brown (10YR, 5/4) very dense

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-31-21

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer	SBL0371
SAMPLING METHOD:	SHEET
1.5" acetate liners, cont'd core	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0-2' Asphalt	0810	0832
	DATE 6-25-03	DATE 6-25-03

DRILLING CONTRACTOR Gregg

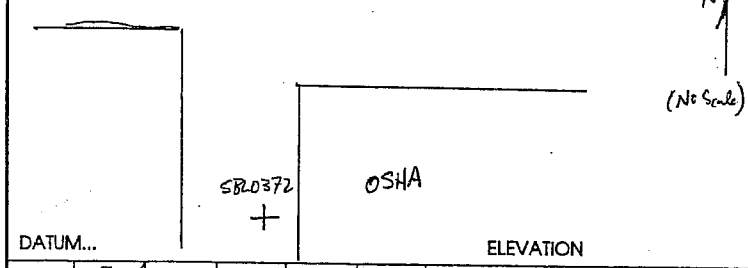
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10		
							11		- Becomes olive-yellow (2.5Y, 6/6), no clay, very fine sand
	4.0 / 3.2	0828					12		
							13		
							14		
							15		
							16		Boring completed to ~16' on 6-25-03
							17		
							18		
							19		
							20		

BY Mark Wauck CHECKED BY DCM
DATE 6-25-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	28706318.01000
LOCATION	Arden (River + Hardy) APN 7351-33-24
DRILLING METHOD:	Hand Auger to 15.4'
BORING NUMBER	SBL0372
SAMPLING METHOD:	2" Brass sleeves, manual drive
SHEET	1 OF 2
SURFACE CONDITIONS:	Grass
DRILLING START TIME	0950
DRILLING FINISH TIME	1042
DRILLING DATE	6-25-03
DRILLING DATE	6-25-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	CL	Very dark grayish-brown (10YR, 3/2) CLAY w/ sand silt, and gravel, wet, stiff
		0952 ~~0955~~					1		- Becomes moist
		0955	1.5 ~~2.0~~-2.5			SSS01852	2		- Becomes dark grayish-brown (10YR 4/2), sandy.
									- Becomes little gravel
							3		
							4	SC	Brownish-yellow (10YR, 6/6) ~~clayey~~ fine SAND w/ clay and silt, moist, dense
							5		
							6		
		1015	7.0-7.5			SSS01853	7	SM	Dark yellowish-brown (10YR 4/6) silty fine SAND w/ trace clay, moist, med. dense, burrows
							8		
							9		
							10		

BY Mark Wanek

DATE 6-25-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-33-24

DRILLING METHOD: Hand Auger to 15.4'

BORING NUMBER: SBL0372

SAMPLING METHOD: 2" Brass Sleeve

SHEET: 2 OF 2

DRILLING: START TIME 0950 DATE 6-25-03; FINISH TIME 1042 DATE 6-25-03

SURFACE CONDITIONS: Grass

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
							11	
							12	
							13	
							14	
							15	
							16	
							17	
							18	
							19	
							20	

Becomes yellowish-brown (10YR 5/8), very fine sand

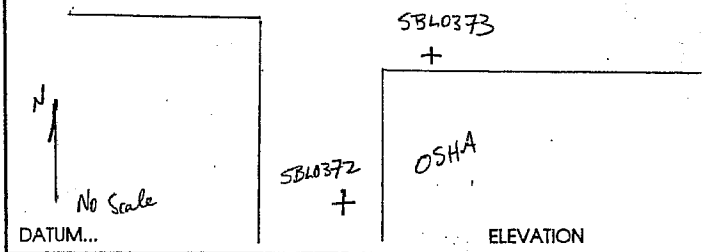
Boring completed to 15.4' on 6-25-03

BY Mark Wenck DATE 6-25-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



JOB NUMBER 28906318.01000

LOCATION Arden (Knox Rd.) APN 7351-33-29

DRILLING METHOD: Hand Augur to 14.9'

BORING NUMBER SBL0373

SAMPLING METHOD: 2" Brass sleeve

SHEET 1 OF 2

DRILLING: START TIME 1045 DATE 6-25-03; FINISH TIME 1143 DATE 6-25-03

SURFACE CONDITIONS: Grass

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	
		1052 1047	1.5-2.5		2.0	SS01854	2	
		1119 1115	7.0-7.5		0.1	SS01855	7	

0 CL — Very dark grayish-brown (10YR 3/2) CLAY w/ sand and little silt, wet, med. stiff

2 SM — Brown (10YR, 4/3) silty fine SAND w/ clay, moist loose

5 – Becomes dark yellowish-brown (10YR, 4/4), trace clay

BY Mark Valverde DATE 6-25-03 CHECKED BY Dun

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	HAN 7351-33-24

DRILLING METHOD: Hand auger to 14.9'

BORING NUMBER: SBL0373

SAMPLING METHOD: 2" Brass Sleeve

SHEET: 2 OF 2

SURFACE CONDITIONS: Grass

DRILLING	START	FINISH
TIME	1045	1140
DATE	6-25-03	6-25-03

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
							11	
							12	
							13	
							14	
							15	
							16	
							17	
							18	
							19	
							20	

Boring completed to 14.9' on 6-25-03

BY Mark Wenek CHECKED BY DLM

DATE 6-25-03

DAMES & MOORE

BORING LOG

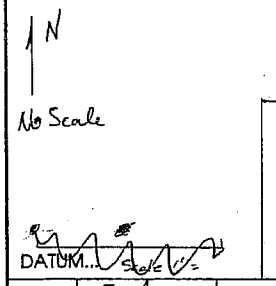
LOCATION OF BORING

N

No Scale

SBL0373 + SBL0374 +

OSHA ~~OSA~~



DATUM... Scale 1"=

ELEVATION

JOB NUMBER: 28906318.01000

LOCATION: Arden (Knox + H.) APN 7351-33-21

DRILLING METHOD: ~~289063~~ Hand Auger to 15.1'

BORING NUMBER: SBL0374

SAMPLING METHOD: 2" Brass sleeve, Manual driver

SHEET 1 OF 2

SURFACE CONDITIONS: Grass

DRILLING: START TIME 1145 DATE 6-25-03; FINISH TIME 1310 DATE 6-25-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	CL	Very dark gray (10YR, 3/1) CLAY w/ fine sand and trace silt, moist, med. stiff
							1		
		1214	1.5-2.5		0.1	SSS01856	2		
									- Becomes dark yellowish-brown (10 YR, 4/4)
							3		
							4		
							5	SM	Yellowish-brown (10YR, 5/6) silty fine SAND, ~~moist~~ w/ trace clay, moist, dense
							6		
		1245	7.0-7.5		0.4	SSS01857	7		
							8		
							9		
							10		

BY Mark Uknek DATE 6-25-03 CHECKED BY DWM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: # 28906318.01000

LOCATION: 40N 735E-33-2E

DRILLING METHOD: Hand Auger to 15.1'

BORING NUMBER: SBL0374

SAMPLING METHOD: 2" Brass Sleeve, Manual Drive

SHEET: 2 OF 2

DRILLING: START TIME 1145, DATE 6-25-03; FINISH TIME 1310, DATE 6-25-03

SURFACE CONDITIONS: Grass

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	Soil
							11	
							12	
							13	
							14	
							15	
							16	
							17	
							18	
							19	
							20	

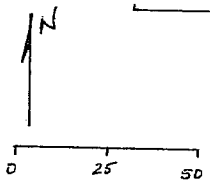
Boring completed to 15.1' on 6-25-03

BY Mark Lukasik DATE 6-25-03 CHECKED BY DLM

DAMES & MOO

BORING LOG

LOCATION OF BORING: KNOX ST (Acetylene Dump Area) + SBLO 375



JOB NUMBER: 6318.01000 (289057)

LOCATION: ARDEN (KNOX ST.) APN 7351-33-24

DRILLING METHOD: Mark M25 vibratory hammer

BORING NUMBER: SBLO375

SAMPLING METHOD: 1.5" acetate liners, continuous core

SHEET: 1 OF 2

DRILLING: START TIME 1527 DATE 6-25-03; FINISH TIME 1550 DATE 6-25-03

SURFACE CONDITIONS: 0.25' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Cartagg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	A/C
	4.0 / 3.5	1530			0.1			CL
							1	
					0.1	SSS01858	2	
								SM
					0.1		3	
	4.0 / 2.9	1533			0.1		4	
							5	
							6	
					0.2		7	
	4.6 / 3.0	1540			0.1		8	
					X		9	
					0.2		10	

Asphalt

Brown Dark yellowish-brown (10YR, 3/6) silty very fine SAND, damp, med. dense

- Becomes trace clay, dense

~~Becomes~~ mr

- Becomes lighter (10YR, 4/4), root casts

- Becomes more yellow (10YR 4/6)

- Becomes med. dense, very fine sand

- Becomes no clay

BY Mark Wheeler DATE 6-25-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-33-24

DRILLING METHOD: Marl M25 vibratory hammer

BORING NUMBER: SBL0375

SAMPLING METHOD: 1.5" acetate liner, continuous core

SHEET 2 OF 2

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING

START	FINISH
TIME 1527	TIME 1550
DATE 6-25-03	DATE 6-25-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.2		10	SM	
					0.1		11		
	4.0 / 2.9	1547			0.2		12		- Becomes light olive-brown (~~10YR~~ 7.5Y, 5/4), trace gravel
					0.2		13		
					0.1		14		- Gypsum at ~~14.0'~~ ~14.0'
							15		
							16		Boring completed to ~16.0 m 6-25-03
							17		
							18		
							19		
							20		

BY Mark Whack

DATE 6-25-03

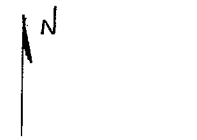
CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING: KNOX ST

N



(Acetylene Dump SBL0375 Area)

0 25 50

DATUM... 1" = 50'

SBL0376

ELEVATION

JOB NUMBER: 28906318.01000

LOCATION: Arden (Knox+H 7351-33-24

DRILLING METHOD: Marl M25 vibratory hammer

BORING NUMBER: SBL0376

SAMPLING METHOD: 1.5" acetate liner, continuous core

SHEET: 1 OF 2

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING

START	FINISH
TIME 1555	TIME 1615
DATE 6-25-03	DATE 6-25-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
	4.0 / 2.5	1559					0	A/C	
								CL	Very dark gray (2.5Y, 3/1) CLAY w/ sand & trace silt and gravel, moist, stiff
		1559	1.5-2.0		0.1	SSS01859	1		
					0.4		2	SM	Brown (10YR, 4/3) silty very fine SAND, damp, med. dense,
	4.0 / 3.3	1603			0.1		3		
							4		
							5		Becomes trace clay, faint root casts
					0.1		6		
					0.1		7		
	4.0 / 3.2	1607			0.1		8		Becomes yellowish-brown (10YR, 5/6), root casts more prominent
							9		
					0.2		10		

BY Mark Wanek

DATE 6-25-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7357-33-24

DRILLING METHOD: Mari M25 vibrating hammer

BORING NUMBER: SBL0376

SAMPLING METHOD: 1.5' acetate liner, continuous core

SHEET 2 OF 2

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING START TIME	DRILLING FINISH TIME
1555	1615
DATE 6-25-03	DATE 6-25-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.2		10	SM	- Becomes dark yellowish-brown (10YR, 4/6)
					0.1		11		
	4.0 / 2.9	1614			0.1		12		- Becomes light olive-brown (2.5Y, 5/4)
							13		
					0.2		14	SP	Light olive-brown (2.5Y, 5/4) very fine-fine SAND w/ trace silt, damp, loose
					0.1			ML	Olive-brown (2.5Y, 4/4) sandy SILT w/ little clay, moist, dense
							15		
							16		Boring completed to ~16' on 6-25-03
							17		
							18		
							19		
							20		

BY Mark Wanek DATE 6-25-02 CHECKED BY DCM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER 28906318.01000

LOCATION Arden APN 7351-33-24

DRILLING METHOD: Mod MZ5 vibratory hammer

BORING NUMBER SBL0377

SAMPLING METHOD: 1.5" acetate liners, continuous core

SHEET 1 OF 2

DRILLING CONTRACTOR Gregg

DATUM... ELEVATION

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING START TIME 1625 DATE 6-25-03

DRILLING FINISH TIME 1650 DATE 6-25-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	A/C
	4.0 / 3.8	1630			0.1			CL
							1	
		1630	1.75-2.25		0.2	SS501860	2	
					0.3		3	SM
	4.0 / 2.9	1634			0.1		4	
							5	
					0.1		6	
					0.2		7	
	4.0 / 3.7	1640			0.1		8	
							9	
					0.2		10	

Asphalt

(very dark grey (10YR 3/1) CLAY w/ trace sand and silt, moist, med. stiff - stiff (FILL)

(sharp contact) very olive-brown (2.5Y, 4/4) silty, fine SAND w/ trace clay, moist, ~~med.~~ dense, prominent root casts

- approx. 0.2' lens of brown clayey sand

- Becomes light olive-brown (2.5Y, 5/4) trace gypsum

BY Mark Wagner DATE 6-25-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	Arden APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer	SBL0377
SAMPLING METHOD:	SHEET
1.5" acetate liner continuous core	2 OF 2
SURFACE CONDITIONS:	DRILLING START TIME 1625 DATE 6-25-03 / FINISH TIME 1650 DATE 6-25-03
0.25' Asphalt	

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.2		10	SM	↳ 0.25' lens ~~of gravelly sand~~ mw w/ gravel
									- Becomes olive-brown (2.5Y, 4/4)
									- Increased silt and gypsum, no root casts
					0.1		11		
	4.0 / 3.1	1648			0.2		12		- Becomes light olive-brown (2.5Y, 5/4), faint root casts
							13		
					0.2		14		- Becomes med. dense
					0.1		15		- ~0.1' lens of cherty gravel
							16		Boring completed to ~16' on 6-25-03
							17		
							18		
							19		
							20		

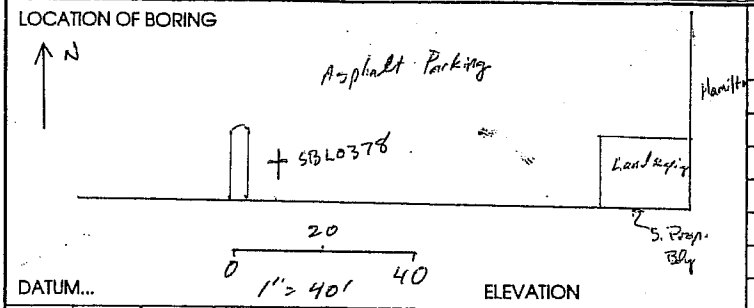
BY Mark Wanek CHECKED BY [signature]

DATE 6-25-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Arden (Knox & H.) APN 7351-~~34~~ 33-24

DRILLING METHOD:	BORING NUMBER
Hand Auger to 5.2' Mar M25 vibrating hammer	SBL0378
SAMPLING METHOD:	SHEET
1.5" acetate liners, cont'l core 2" Brass sleeve, manual drive	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.15' Asphalt	0735	0840
	DATE 6-26-03	DATE 6-26-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C CL	Asphalt
		~~0740~~							Very dark grayish-brown (10YR, 3/2) silty CLAY w/ sand & trace gravel
							1		
		0740			0.0		2	MW (no sample)	- Becomes some gravel
							3		
					0.8				- Becomes slight petroleum odor, increased sand
	4.0 / 3.7	0825					4	SMC SC	Dark greenish-gray (4GLEY, 10Y) and dark yellowish brown (10YR, 4/4) clayey very fine SAND w/ silt, moist, dense, root casts, moderate staining & petroleum odor
			4.5-5.5		0.5	SS501861	5		- Becomes dark yellowish-brown (10YR, 4/4), faint petroleum odor, no staining
					0.1		6		- Becomes little or no odor
							7		
					0.1			MW SM	Dark yellowish-brown (10YR, 4/6) silty very fine-fine SAND, moist, med. dense, faint small root casts
	4.0 / 3.0	0830			0.6		8		
							9		
					0.1		10		

BY Mark Wanek CHECKED BY DLM

DATE 6-26-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318-01000	Ardeo (Kent + Ham) APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Hand Auger to Mark M25 vibratory hammer	SBL0378
SAMPLING METHOD:	SHEET
2" Brass Sleeve, manual drive 1.5" acetate liners, continuous core	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
	TIME 0735 ~~0842~~	TIME 0840
0.15' Asphalt	DATE 6-26-03	DATE 6-26-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.1		10	SM	
					0.1		11		
							12		
	4.0 / 3.9	0835			0.1				- Becomes decreased silt, olive-brown (to 2.5Y 4/4).
							13		
					0.1		14		- Becomes light olive-brown (2.5Y, 5/3), gypsum, increased silt - Becomes med. dense
								SM-ML	- ~~At Becomes~~ Alternating layers (~0.2') of sandy silt and silty very fine sand, gypsum, w/ root casts & burrows
							15		
					0.1		16		
									Boring completed to ~16' on 6-26-03
							17		
							18		
							19		
							20		

DRILLING CONTRACTOR Gregg

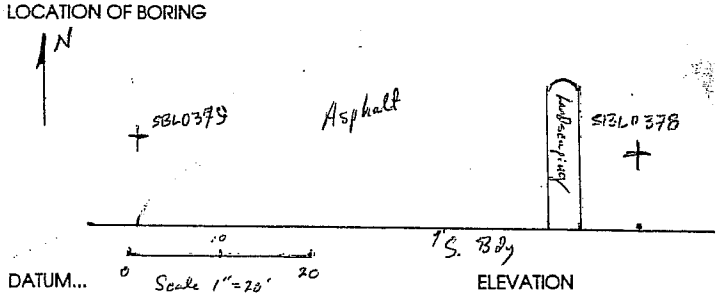
BY Mark Wanek CHECKED BY DWM

DATE 6-26-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	28906318.01000
LOCATION	Arden (Knox St) Hom APN 7351-33-29
DRILLING METHOD:	Hand Auger to 5' Mari M25 vibratory hammer
BORING NUMBER	0379 SBL0378
SAMPLING METHOD:	1.5" acetate liner, continuous core
SHEET	1 OF 2
DRILLING START TIME	0845
DRILLING FINISH TIME	0917
DATE	6-26-03
DATE	6-26-03
SURFACE CONDITIONS:	0.25' Asphalt

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
								CL	Very dark grayish-brown (10YR, 3/2) CLAY w/ sand and some silt, ~~moist~~ and gravel, moist, stiff
							1		- Clumps of roots
					0.3				
		0851			0.3	SSS01862	2		- Becomes mottled w/ olive (5Y, 4/3), moderate petroleum odor
							3		- odor decreased to faint
	4.0 / 3.7	0855			0.3		4		- Becomes no odor
							5		
					0.1		6		
									(Sharp contact)
							7	SM	Yellowish-brown (10YR, 5/6) silty fine SAND w/ clay, moist, dense, root casts
					0.1				
	4.0 / 3.1	0905			4.7		8		- Becomes dark yellowish-brown (10YR, 4/6), little clay
							9		
					0.4		10		- Becomes trace clay, med. dense

DRILLING CONTRACTOR Gregg

BY Mark Wanek DATE 6-26-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	Ardmore AIN 2351-~~34~~ 33-24

DRILLING METHOD:	BORING NUMBER
Hand auger to 5' Mark M25 vibratory hammer	SBL0379
SAMPLING METHOD:	SHEET
~~2~~ 1.5" acetate liner	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
	TIME 0945	TIME 0917
0.25' Asphalt	DATE 6-26-03	DATE 6-26-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SM	
					0.1		11		
							12		- Becomes poorly graded (fine) sand, little silt, no root casts, med. dense
	4.0 / 2.0	0915			0.1				
							13	ML	Light olive-brown (2.5Y, 5/4) Very fine sandy SILT w/gravel, moist, med. dense-dense
					0.1		14		
							15		
							16		Boring completed to ~16' on 6-26-03
							17		
							18		
							19		
							20		

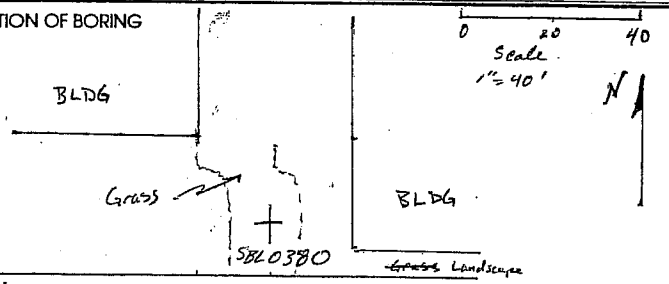
DRILLING CONTRACTOR Gregg

BY Mark Wheeler DATE 6-26-03 CHECKED BY RLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... Asphalt ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Arden (Knox+H) APN 7351-38-24
DRILLING METHOD: Hand Auger to 15.3'	BORING NUMBER SBL0380
SAMPLING METHOD: 2" Brass sleeve, manual drive	SHEET 1 OF 2
SURFACE CONDITIONS: Grass	DRILLING START TIME 1025 DATE 6-26-03; FINISH TIME 1130 DATE 6-26-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	CL	Very dark greyish-brown (10YR, 3/2) & dark brown (10YR, 3/3) CLAY w/ some fine sand & silt
							1		
	1.0 / 1.0	1027	1.5-2.5		0.1	SSS01863	2		
							3		
							4	SM	Dark yellowish-brown (10YR, 4/4) silty fine SAND, moist, dense
							5		
							6		
					0.1		7		
							8		
							9		
							10		

BY Mark Wanek DATE 6-26-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-33-24

DRILLING METHOD: Hand auger to 15.3'

BORING NUMBER: SB0380

SAMPLING METHOD: 2" Brass Sleeve, manual drive

SHEET: 2 OF 2

DRILLING: START TIME 1025, FINISH TIME 1130; START DATE 6-26-03, FINISH DATE 6-26-03

DATUM... ELEVATION

SURFACE CONDITIONS: Grass

DRILLING CONTRACTOR: Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
							11	
							12	
					0.0			
							13	
							14	
							15	
							16	
							17	
							18	
							19	
							20	

Dark yellowish-brown (10YR, 4/4) silty fine SAND, moist, dense

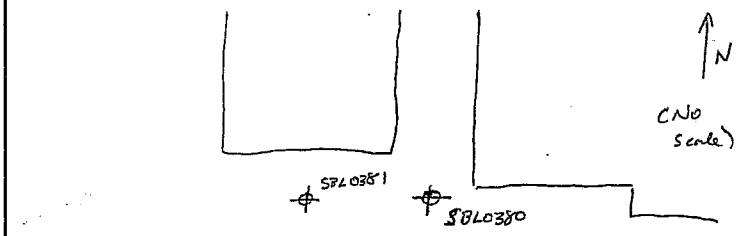
Boring completed to 15.3' on 6-26-03

BY Mark Lukacs DATE 6-26-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	28906318.01000
LOCATION	Arden (Max) APN 7851-33-24
DRILLING METHOD:	Mat M25, vibrating hammer
BORING NUMBER	SBL0387
SAMPLING METHOD:	1.5" acetate liner, Cook's core
SHEET	1 OF 2
SURFACE CONDITIONS:	0.25' Asphalt
DRILLING START TIME	1155
DRILLING START DATE	6-26-03
DRILLING FINISH TIME	1210
DRILLING FINISH DATE	6-26-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0		
	4.0 / 3.9	1155			0.3			A/C	Asphalt
								CL	Very dark grayish brown (10YR, 3/2) and dark yellowish-brown (10YR, 4/6) sandy CLAY w/ gravel, brick fragments, and roots, moist, very stiff (FYI)
							1		
		1155	1.5-2.0		0.2	SSS01864	2		
							3		(sharp contact)
								SM	Olive-yellow (2.5Y, 6/6) silty very fine SAND, damp, dense, faint root casts
					0.2				
	4.0 / 3.3	1159			0.2		4		
									- Becomes light yellowish-brown (10YR, 6/4) root casts more prominent
							5		
					0.2		6		- Becomes yellowish-brown (10YR, 5/4), very dense
							7		
					0.3				- Trace gypsum at 3.0'
	4.0 / 3.2	1203			0.2		8		- Becomes light olive-brown (10YR, 5/6)
							9		
							10		

DRILLING CONTRACTOR Gregg

BY Mark Wenck CHECKED BY DLM

DATE 6-26-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
MAI/ M25 vibrating hammer	SBL0381
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, continuous core	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
0.25' Asphalt	TIME 1155	TIME 1210
	DATE 6-26-03	DATE 6-26-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
								SM	
							10		- Becomes dense.
					0.4		11		
	4.0 / 2.9				0.2		12		
							13		- Becomes ~~decreases~~ very fine sand w/ silt, med dense
					0.2		14		- Decreasing silt & coarsening sand grain downward (to fine) to ~14.3'
								ML	Light olive-brown (2.5Y, 5/4) sandy SILT w/ trace gravel, moist, dense
					0.1		15	SM	Light olive-brown (2.5Y, 5/6) silty very fine SAND, moist, med. dense
							16		Boring completed to ~16' on 6-26-03
							17		
							18		
							19		
							20		

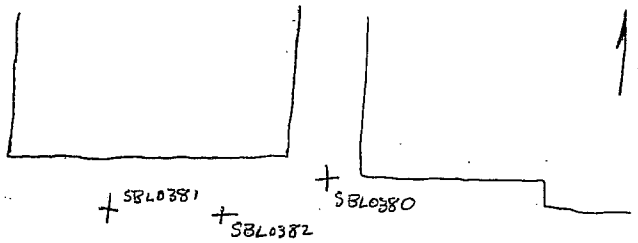
BY Mark Wenck CHECKED BY DLM

DATE 6-26-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Arden (Knox) APN 7351-33-24

DRILLING METHOD: Marl M25 vibratory hammer

BORING NUMBER: SBL0382

SAMPLING METHOD: ~~2" Bore~~ 1.5" acetate sleeve, continuous core

SHEET 1 OF 2

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING	START	FINISH
TIME	1213	1241
DATE	6-26-03	6-26-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
	4.0 / 1.5	1215			0.1		0	A/C	Asphalt
								SM	Very dark gray (10YR, 3/1) ~~silty~~ gravelly fine-coarse SAND w/ silt, moist, dense (fill)
							1	CL	Dark yellowish-brown (10YR, 4/4) (fill) CLAY w/ some fine sand
							2		
							3		
	4.0 / 3.8	1218			0.2		4		-Becomes very dark grayish-brown (10YR, 3/2) & dark brown
							5	SM	Very dark gray (10YR, 3/1) silty fine-coarse SAND w/ gravel damp, loose
								CL	Dark yellowish-brown (10YR, 4/6) and dark brown (10YR, 3/3) CLAY w/ some sand & silt
							6		-Becomes some gravel
					0.3		7		-Becomes sandy w/ gravel, dark yellowish-brown (10YR, 4/6)
									-Becomes very dark brown & dark yellowish-brown, little sand
	4.0 / 2.7	1225			0.1		8		-Becomes olive-brown (2.5Y, 4/4), sandy
							9		-Becomes very dark grayish-brown (10YR, 3/2)
									-Becomes gravelly, dark yellowish-brown
									-Becomes olive-brown, sandy w/ trace gravel
					386		10		-Becomes very dark grayish-brown (10YR, 3/2)

BY Mark Wenck DATE 6-26-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER	LOCATION
25906318.01000	APN 7351-33-24

DRILLING METHOD: Mari M25 vibratory hammer

BORING NUMBER: SBL0382

SAMPLING METHOD: 1.5" acetate liner, continuous core

SHEET 2 OF 2

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING START TIME	DRILLING FINISH TIME
DATE 6-26-03	DATE 6-26-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	CL	
					495				
							11	SM	Olive-brown (2.5Y, 4/4) silty fine sand w/clay moist, dense (fill)
								CL	Brown (10YR, 4/3) sandy clay w/silt & trace gravel, moist, stiff (fill)
	4.0 / 3.8	1239			404		12		
									- Becomes trace sand & silt
							13		- Becomes sandy, ~~med~~ med. stiff
					270				
							14		- Becomes very dark brown (10YR, 2/2)
							15		
		1239	14.8-15.8		290	SS501865		SM	Olive-brown (2.5Y, 4/4) and dark olive-gray (5Y, 3/2) silty fine SAND, moist, med. dense, staining & moderate odor
							16		
									Boring completed to ~16' on
									6-26-03
							17		
							18		
							19		
							20		

BY Mark Wheeler

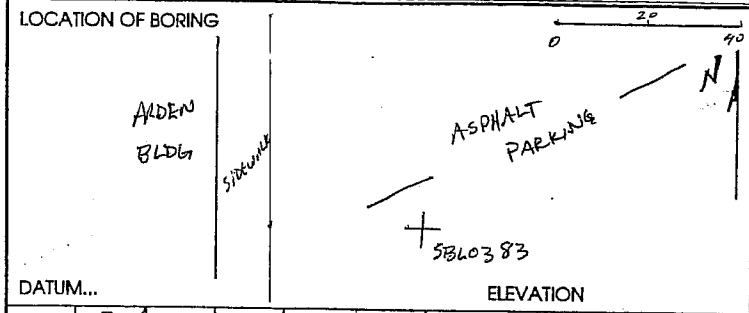
DATE 6-26-03

CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	28706318.01000
LOCATION	Arden (Kaiser) APN 7351-33-24
DRILLING METHOD:	Mod M25 vibratory hammer
BORING NUMBER	SBL0383
SAMPLING METHOD:	1.5" acetate liner, cont's core
SHEET	1 OF 2
SURFACE CONDITIONS:	0.25' asphalt
DRILLING START TIME	1243
DRILLING FINISH TIME	1310
DATE	6-26-03
DATE	6-26-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 3.8	1245			0.6			CL	Very dark gray (10YR, 3/1) ~~CLAY~~ mottled w/ olive brown (2.5Y, 4/3) and dark yellowish-brown (10YR 4/6) CLAY w/ sand and some silt, ~~a~~ trace gravel, moist, stiff (fill)
							1		
							2		
							3		- Become sandy w/ gravel
					0.5				
	4.0 / 3.8	1251			0.3		4		
							5		} 0.3' lens of old asphalt-like material
							6		
							7		- Becomes gravelly - Becomes primarily olive (2.5Y 4/3) - Becomes very dark grayish-brown (10YR, 3/2)
					0.3				
	4.0 / 3.6	1256			0.1		8	SM	Olive brown (2.5Y, 4/4) silty fine SAND, moist, dense, slight odor - Becomes dark greenish-gray (4 GLEY 1, 5G 4) & black, heavy staining & strong odor, some faint root casts (native)
					388		9		- Becomes no black
							10		

BY Mark Wanek DATE 6-26-03 CHECKED BY RLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Mail #25, vibratory hammer	SBL0383

SAMPLING METHOD:	SHEET
1.5" acetate liner, continuous core	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.25' asphalt	1243	1310
	DATE 6-26-03	DATE 6-26-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
								SM	
							10		
							11		
		1256	11.1-11.6		495	SSS01866			
							12		
	4.0/2.3 ~~3.2~~	1307			904				- Becomes darker, greenish-gray (4 GLEY1, 10GY)
							13		- decreasing silt & increasing grain size (to fine) gradually to 13.5'
					270				
									↳ Becomes silty very fine sand, lighter color (5 GLEY1, 10GY)
					290		14		
							15		
							16		
									Boring completed to ~16' on 6-26-03
							17		
							18		
							19		
							20		

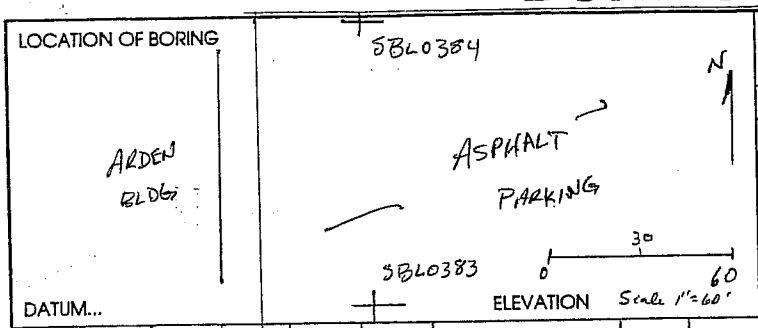
BY Mark Wanda CHECKED BY DLM

DATE 6-26-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION Scale 1"=60'

JOB NUMBER	LOCATION
28906318.01000	Arden (Knox) APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Mn-1 M25 vibratory hammer	SBL0384

SAMPLING METHOD:	SHEET
1.5" acetate sleeves, continuous core	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0-15' Asphalt	1510	1615
	DATE 6-26-03	DATE 6-26-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	
	4.0 / 3.1	1315						CL	Very dark grayish-brown (10YR, 3/2), & dark brown (10YR, ~~3/2~~ 3/3) CLAY w/ sand, silt, and some gravel (fill)
					0.3		1		
							2		
							3		
	4.0 / 2.9	1325			0.0		4		- Asphalt-like material 4.7-4.9'
							5		
							6		- Becomes brown (10YR, 4/3) & dark yellowish-brown (10YR, 4/4 + 4/6)
							7		
	4.0 / 3.3	1345			1.8		8		
							9		
					1.5		10		

BY Mark Wanek DATE 6-26-03 CHECKED BY DLM

DAMES & MOOR

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer	SBL0384
SAMPLING METHOD:	SHEET 2 OF 2
1.5" acetate liners, continuous core	DRILLING START TIME 1510 DATE 6-26-03 / FINISH TIME 1615 DATE 6-26-03
SURFACE CONDITIONS: 0.15' Asphalt	

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	CL	
							11	SM	Olive brown (2.5Y, 4/4) silty fine SAND Staining - Becomes dark greenish-gray (4 GLEY1, 10GY), heavy, strong petroleum odor
					138				
							-12		
	4.0 / 3.5	1611			150				- Becomes clayey or sticky w/ petroleum, med. dense, less silt, very fine - fine sand
							13		- Becomes ~~loose~~ silty very fine sand, dense
					177		14		
									- Very strong petroleum odor
							15		
		1611	14.5-15.5		443	SSS01867			
							-16		Boring completed to ~16' on 6-26-03
							17		
							18		
							19		
							20		

BY Mark Wenck CHECKED BY DLM

DATE 6-26-03

DAMES & MOO

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	Arden (Knox) APN 7351-~~34~~ 33-24

DRILLING METHOD:	BORING NUMBER
Mar1 M25 vibratory hammer	SBL0385

SAMPLING METHOD:	SHEET
1.5" acetate liners, cont's core	1 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.15' Asphalt	1620	1645
	DATE 6-26-03	DATE 6-26-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 2.9	1622			1.5			CL	Very dark grayish-brown (10YR 3/2) CLAY w/ fine sand & silt, & trace gravel, moist, stiff (Fill)
							1		
			1.5-2.5		1.0	SSS01868	2		- Becomes mottled w/ dark brown (10YR 3/3)
					1.0		3		
							4		
	4.0 / 3.9	1624			0.9				
							5		
								SM	Light olive-brown (~~10Y~~ 2.5Y 5/4) silty very fine SAND, damp, very dense, root casts
					1.1		6		
							7		
			7.0-7.5		0.5	SSS01869			
							8		
	4.0 / 3.4	1628			1.0				- Becomes dark yellowish brown (10YR 4/4), dense
							9		
					0.1		10		

BY Mark Wanek CHECKED BY DWM

DATE 6-26-03

DAMES & MOOR

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	APN 7351-33-24

DRILLING METHOD: Mark M25 vibratory hammer

BORING NUMBER: SBL0385

SAMPLING METHOD: 1.5" Acetate liners, continuous core

SHEET: 2 OF 2

DRILLING: START TIME 1620 DATE 6-26-03; FINISH TIME 1645 DATE 6-26-03

SURFACE CONDITIONS: 0.15' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
							11	
					0.1			
					~~0.15~~ mm		12	
	4.0 / 2.5	1643			0.1			
							13	
					0.2			
							14	
					0.1			
							15	
							16	
							17	
							18	
							19	
							20	

- Becomes olive-brown
- Root casts become faint & small
- Becomes med. dense, decreased silt

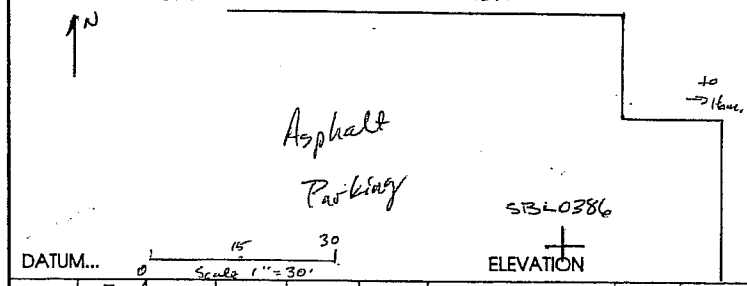
Boring completed to 16' on 6-26-03

BY Mark Wheeler DATE 6-26-03 CHECKED BY Dan

DAMES & MOO

BORING LOG

LOCATION OF BORING — ↑ to Knox



JOB NUMBER	LOCATION
28906318.01000	Anaheim (Knox) APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Mobil 1125, vibrating hammer	SBL0386
SAMPLING METHOD:	SHEET 1 OF 2
1.5" acetate liner, cont'g core	DRILLING START TIME 0750 DATE 6-27-03 / FINISH TIME 0822 ~~0815~~ MW DATE 6-27-03
SURFACE CONDITIONS: 0.15' Asphalt	

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 4.0	0801			0.7			CL	Very dark grayish-brown (10YR 3/2) CLAY w/ sand and some gravel (FILL)
							1		- Becomes dark yellowish-brown (10YR, 4/4)
									- Becomes very dark grayish-brown (10YR 3/2)
					1.3	SSS01870	2		
									- Becomes dark yellowish-brown (10YR, 4/4), sandy, trace gravel
							3		↳ Becomes very dark grayish-brown (10YR, 3/2) some gravel
					0.4				
	4.0 / 3.7	0803			0.1		4		
									- Asphaltic material from 4.7-4.9'
							5	SC	Olive-brown (2.5Y, 4/4) clayey fine SAND, ~~some~~ with silt, moist, dense (FILL)
					0.1			CL	Olive-brown (2.5Y, 4/4) and very dark grayish-brown (10YR, 3/2) sandy CLAY w/ gravel and silt, moist, stiff
							6		
							7		
					1.0	SSS01871			
	4.0 / 3.8	0806			0.1		8		
							9		
									- Asphaltic material ~~from~~ MW 9.6-9.9'
					0.1		10		

BY Mark Wenke DATE 6-27-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28706318.01000	APN 7351-33-24

DRILLING METHOD: Hand held vibrating hammer / SAMPLING METHOD: 1.5" acetate liner, continuous core

BORING NUMBER: SBL0396

SHEET: 2 OF 2

DRILLING: START TIME 0750 DATE 6-27-03; FINISH TIME 0822 DATE 6-27-03

SURFACE CONDITIONS: 0.15' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Cascade

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	CL
							11	
					0.1		12	SC
	4.0 / 1.6	0807			0.5		13	
					0.2		14	
							15	
							16	
							17	
							18	
							19	
							20	

-increased sand, more olive-brown than very dark grayish-brown

Light olive-brown (2.5Y 5/4) clayey fine SAND w/ gravel & silt, mottled w/ dark brown (10YR 3/3) clay nodules, moist, very dense (FILL)

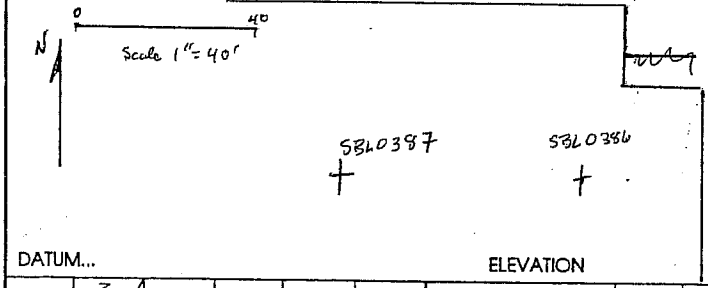
Boring completed to ~16' on 6-27-03

BY Mark Wenzel DATE 6-27-03 CHECKED BY RLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Arden (Knox) APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Mod M25 vibratory hammer	SBL0387
SAMPLING METHOD:	SHEET 1 OF 2
1.5" acetate liners, cont's core	DRILLING START TIME 0930 DATE 6-27-03; FINISH TIME 0900 DATE 6-27-03
SURFACE CONDITIONS: 0.15' asphalt	

DRILLING CONTRACTOR Gregg JU

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
	4.0 / 3.0	0832			0.1		0	A/C CL
			1.5-2.5			SS501872	2	
					6.1		3	
	4.0 / 3.8	0835			0.1		4	
			7.0-7.5		0.1	SS501873	7	
	4.0 / 3.8	0845			1.2		8	
					0.1		10	

(10YR, 4 3/3)
Dark brown & very dark grayish-brown (10YR, 3/2) silty, clay w/ sand & gravel (FILL)

- Becomes brown (10YR, 4/3), sandy, slight petroleum odor (oily)

- Becomes mottled w/ gray (5Y, 5/1), moderate petroleum odor

~~- Becomes olive brown~~ (NW

- 4.7-4.8' Asphaltic material

- Becomes very dark gray (10YR, 3/1), trace sand & no gravel

- Becomes dark yellowish-brown (10YR, 4/4) Sandy, trace gravel

- Asphaltic material 8.4-8.7'

- Becomes Brown (10YR, 4/3)
- increased sand,

BY Mark Wantle DATE 6-27-03 CHECKED BY PLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: 2890318.01000

LOCATION: APN 7351-33-24

DRILLING METHOD: Mod 1925 vibratory hammer

BORING NUMBER: SBL0387

SAMPLING METHOD: 1.5" acetate liners, continuous core

SHEET: 2 OF 2

DRILLING: START TIME 0830 DATE 6-27-03; FINISH TIME 0900 DATE 6-27-03

SURFACE CONDITIONS: 0.15' asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

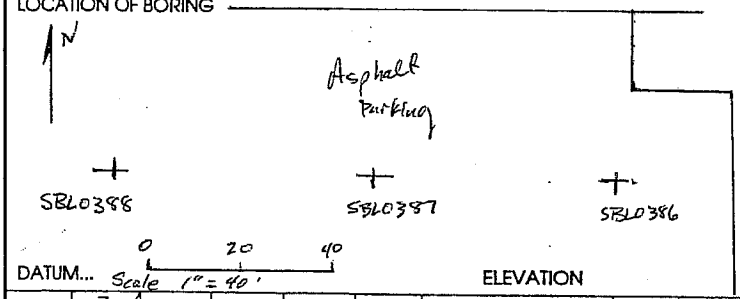
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	CL	
					0.1				
							11		- Gravelly from 11.0-11.2'
					0.2				
							12		
	4.0 / 1.8	0853			0.1				
							13		
								SC	Yellowish-brown (10YR 5/4) clayey fine SAND w/ silt and gravel, moist, very dense (Fill)
					0.3		14		
							15		
							16		
									Boring completed to ~16' on 6-27-03
							17		
							18		
							19		
							20		

BY Mike Wanek DATE 6-27-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34 33-24 (Arden-Knox)

DRILLING METHOD:	BORING NUMBER
Mari M25 vibratory hammer	SBL0388
SAMPLING METHOD:	SHEET 1 OF 2
1.5" acetate liner, cont's core	DRILLING START TIME 0910 / FINISH TIME 1015
SURFACE CONDITIONS: 0.15' asphalt	DATE 6-27-03 / DATE 6-27-03

DRILLING CONTRACTOR Gregg

BY Mark Wanek CHECKED BY DLM DATE 6-27-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
	4.0 / 3.9	0913			4.9		0	A/C CL
					0.1		2	
		0913	2.8-3.8		7.9	SSS 01874	3	
	4.0 / 3.5	0927			2.8		5	
					0.1		6	
					0.1		8	
	4.0 / 3.9	0950			0.1		9	
					0.1		10	

Asphalt

Very dark grayish-brown (10YR, 3/2) & very dark gray (10YR, 3/1) clay w/ trace sand, silt, and gravel, moist, stiff

- Becomes mottled w/ dark brown (10YR, 3/3) and dark grayish-brown (2.5Y, 4/2)

- Stringers of dark grayish-brown (2.5Y, 4/2) sand
- Becomes faint petroleum odor

- Becomes moderate petroleum odor

- Back at 4'

- Becomes decreased odor
- Becomes dark yellowish-brown (10YR, 4/4), sandy

- Becomes very dark grayish-brown (10YR, 3/2) some sand

- Becomes light olive-brown (2.5Y, 5/4), sandy
- Becomes olive-brown (2.5Y, 4/4), increased sand

- Asphalt debris at ~9.5'

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-33-24

DRILLING METHOD: Mobil M25, vibrating hammer

BORING NUMBER: SBL0388

SAMPLING METHOD: 1.5" acetate liner, continuous core

SHEET: 2 OF 2

DRILLING: START TIME 0910, DATE 6-27-03; FINISH TIME 1015, DATE 6-27-03

DATUM... ELEVATION

SURFACE CONDITIONS: 0.15' asphalt

DRILLING CONTRACTOR Geegee

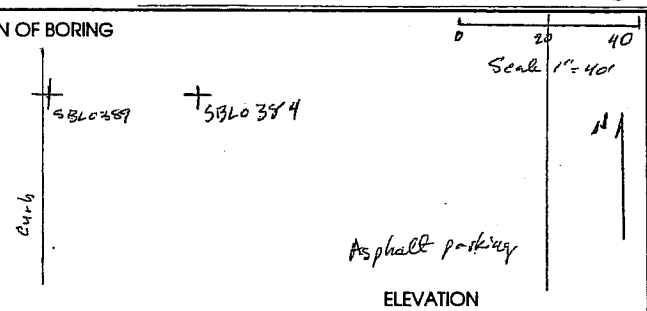
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.1		10	CL	
									Dark yellowish-brown (10YR 4/4) clayey fine SAND w/ clay & some silt, moist, dense (Fill)
							11	SC	
									- Becomes mottled w/ brown (10YR 4/3) clay nodules
							- 12		
					0.1				
	4.0 / 3.6	1010			1.7		13		- Becomes trace gravel
							14		
					0.1				- Becomes gravelly
									- Becomes trace gravel, dark gray (2.5Y 4/1) and dark yellowish-brown (10YR 4/4)
							15		
								NW	- Becomes dark yellowish-brown (10YR 4/6) no gravel, root casts (native)
					0.1		- 16		
							17		~~Bor~~ Boring completed to ~16.5' on 6-29-03
							18		
							19		
							20		

BY Mark Wheeler DATE 6-27-03 CHECKED BY DCM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318-01000	APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer	SBL0389
SAMPLING METHOD:	SHEET
1.5" acetate liner, continuous core	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.15' Asphalt	1032	1055
	DATE 6-27-03	DATE 6-27-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 3.8	1036			0.1			CL	Very dark grayish-brown (10YR, 3/2) CLAY w/ silt, sand, & trace gravel, moist, med. stiff
							1		
		1036	1.5-2.5		0.1	SSS01875	2		
									- Some dark yellowish-brown (10YR, ~~3/6~~ 3/6 & 4/6) sandy ~~st~~ stringers
							3		
							4		
	4.0 / 4.0	1038			0.3				
							5		
					0.2		6		
							7		
		1038	7.0-7.5		0.1	SSS01876			(10YR, 3/3) - Becomes dark brown & dark yellowish-brown (10YR, 3/4), trace sand & silt, no gravel, fine root casts (very faint) (Fill)
	4.0 / 3.8	1046			0.1		8		- Becomes very dark brown (10YR, 2/2) and dark yellowish-brown (10YR, 4/4), sandy
							9		- Asphaltic material at ~9.0'
					0.1		10		- Becomes gravelly - Becomes yellowish-brown (10YR, 5/4), trace gravel

BY Mark Wanek CHECKED BY DLM

DATE 6-27-03

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28706318.01000

LOCATION: APN 7351-33-24

DRILLING METHOD: Mark M25 vibratory hammer

BORING NUMBER: SBL0389

SAMPLING METHOD: 1.5" acetate liner continuous core

SHEET: 2 OF 2

DRILLING START TIME: 1032

DRILLING FINISH TIME: 1055

DATUM... ELEVATION

SURFACE CONDITIONS: 0.15' Asphalt

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
					0.1		0	CL
							1	
					0.1		2	
	4.0 / 2.8	1052			0.3			
							3	
							4	
					0.2		5	
							6	
							7	
							8	
							9	
							10	

CL

- Becomes very dark gray (10YR, 3/1)

Lt-Olive-brown (2.5Y, 5/6) sandy clay from 11.2-11.4'

- Becomes gravelly

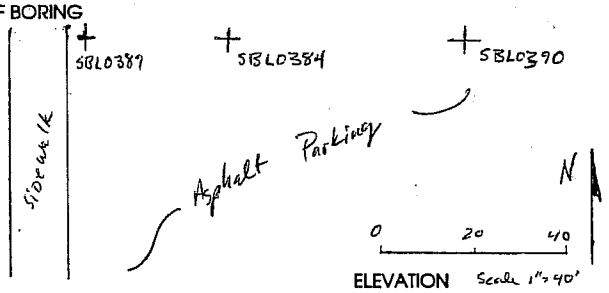
- Becomes dark grayish-brown (10YR, 4/2) & brown (10YR, 4/3), some sand, faint petroleum odor

Boring completed to ~16' on 6-27-03

BY Mark Wanek DATE 6-27-03 CHECKED BY DCM

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION Scale 1"=40'

JOB NUMBER	28906318.01000
LOCATION	ARDEN (Knox Pl) APN # 7351-33-24
DRILLING METHOD:	Mail M25 vibratory hammer
BORING NUMBER	SBL0390
SAMPLING METHOD:	1.5" acetate liner, continuous core
SHEET	1 OF 2
SURFACE CONDITIONS:	0.15' asphalt
DRILLING START TIME	1100
DRILLING FINISH TIME	1125
DATE	6-27-03
DATE	6-27-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 3.7	1101			0.2			CL	Very dark grayish-brown (10YR 3/2), olive-brown (10YR, 4/3), & dark yellowish-brown (10YR, 4/4) CLAY w/ ~~little~~ silt, little sand & trace gravel, moist, med. stiff (F.M)
							1		
		1101	1.5-2.5		0.1	SSS01877	2		
									-Becomes very dark brown (10YR, 2/2)
									-Gravelly
							3		-trace gravel
					0.1				-Gravelly.
									-trace gravel
	4.0 / 3.9	1103			0.1		4		
									-Asphaltic material at 4.6'
							5	SM	Dark yellowish-brown (10YR 4/6) silty, very fine SAND w/ trace clay & gravel, moist, dense, faint root casts (native) & gypsum
					0.7				-Becomes little clay, prominent root casts trace gypsum
							6		
							7		-very faint volatile odor
		1103	7.0-7.5		0.1	SSS01878			
	4.0 / 3.2				0.1		8		-Becomes light olive-brown (2.5Y, 5/4), no odor, trace clay
							9		~~-Becomes~~ mm
					0.1		10		

DRILLING CONTRACTOR Gregg

BY Mark Wanek

DATE 6-27-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer	SBL0390
SAMPLING METHOD:	SHEET
1.5" acetate line, cont's core	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.15" asphalt	1100	1125
	DATE 6-27-03	DATE 6-27-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10		
					0.1		11		- Becomes gravelly from 10.7-10.8'
							12		
	4.0 / 3.3				0.1				
							13		- Become dark yellowish-brown (10YR 4/4), no clay
							14		- Become little silt, fine sand; light yellowish-brown (2.5Y, 6/4)
								SM. ML	~~- becomes~~ Light olive-brown (2.5Y, 5/4) ~~to~~ ~~very~~ silty, very fine SAND - sandy silt, moist, dense fine root casts
					0.1		15		
							16		
							17		
							18		
							19		
							20		

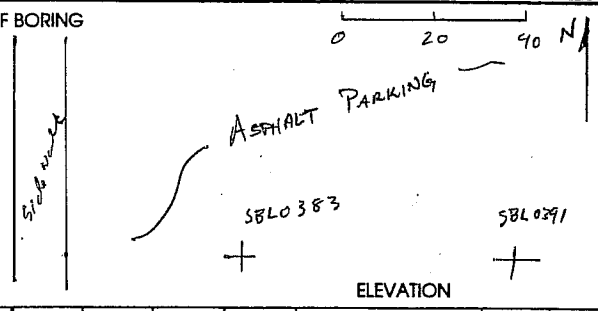
DRILLING CONTRACTOR Gregg

BY Mark Wanek

DATE 6-27-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Arden (Knox + H) APN 7351-33-24

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer	SBL0391

SAMPLING METHOD:	SHEET
1.5" acetate liner, continuous core	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.15' asphalt	1128	1211
	DATE 6-27-03	DATE 6-27-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	
	4.0 / 3.8	1129			0.1			CL	Very dark gray (10YR, 3/1) silty CLAY w/ sand & gravel
									- Becomes very dark grayish-brown (10YR, 3/2), trace gravel
							1		
		1129	1.5-2.5		0.1	SS501879	2		
									- Becomes very dark gray (10YR 3/1)
							3		
					0.1				- Becomes olive-brown (2.5Y, 4/4), sandy
	4.0 / 2.6	1131			0.1		4	SM	Light yellowish-brown (2.5Y, 6/4) silty, very fine SAND w/ trace clay, moist, dense, root casts (native)
							5		
					0.1				- Becomes olive-brown (to 2.5Y, 4/4), little clay
									- Becomes dark yellowish-brown (10YR, 4/4), med. dense
							6		
					0.6				- Becomes dense
							7		
	4.0 / 3.1	1133	8.0-8.5		0.1	SS501880	8		- Becomes yellower (10YR, 4/6)
							9		
							10		

BY Mark Wanek

DATE 6-27-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING

JOB NUMBER 28906318.01000

LOCATION Arden APN 7351-33-24

DRILLING METHOD: Mari 1425 vibratory hammer

BORING NUMBER SBL0391

SAMPLING METHOD: 1.5" acetate liners, cores cut

SHEET 2 OF 2

DRILLING START TIME 1128 DATE 6-27-03

DRILLING FINISH TIME 1211 DATE 6-27-03

DATUM... ELEVATION

SURFACE CONDITIONS: 0.15' asphalt

DRILLING CONTRACTOR Gregg

BY Mark Wenk CHECKED BY DSM DATE 6-27-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SM	
					0.2		11		-Becomes olive-brown (2.5Y, 4/4)
							12		
	4.0 / 3.2				0.1				-Becomes ~~dark~~ mw yellowish-brown (10YR, mf 5/6) very fine - fine sand, no root casts
							13		
									-Becomes predominantly very fine sand
					0.1		14		-Becomes light olive-brown (2.5Y, 5/4), increased silt, very fine sand
					0.1		15		-Cherty gravel 14.8-14.9'
							16		Boring completed to ~16' on 6-27-03
							17		
							18		
							19		
							20		

BORING LOG

LOCATION OF BORING

N

TO Holiday Inn → Bldg

DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	~~APN~~ (Holiday Inn) APN 7351-33-39

DRILLING METHOD:	BORING NUMBER
Mobil M25 vibratory hammer	SBL0392
SAMPLING METHOD:	SHEET
1.5" acetate liner, continuous core	1 OF 1

DRILLING	START	FINISH
SURFACE CONDITIONS:	TIME	TIME
0.2' Asphalt	1330	1338
	DATE	DATE
	6-27-03	6-27-03

DRILLING CONTRACTOR Cascade

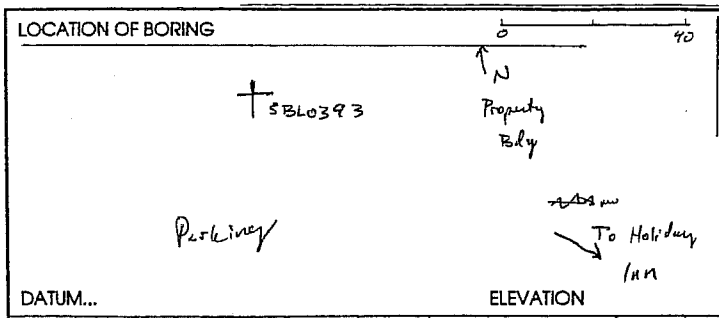
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0		
								A/C	Asphalt
								GM	Very dark grayish-brown (10YR, 3/2) silty GRAVEL w/ fine sand & little clay, damp, med. Dense
	4.0 / 3.3	1335					-1	CL	Dark brown (10YR, 3/3) clay w/ some sand & silt, trace gravel, moist, stiff
		1335	1.5-2.0		0.1	~~SB~~ SS01881		SM	Olive-brown (2.5Y, 4/3) silty f. SAND, moist, dense
							2	CL	Brown (10YR, 4/3) clay w/ little sand & silt, moist, stiff
					0.1		3		
									- Becomes olive (5Y, 4/3), sandy
					0.3		4		
							-5		Boring completed to ~5' on 6-27-03
							6		
							7		
							8		
							9		
							10		

BY Mark Wanek DATE 6-27-03 CHECKED BY DMM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



JOB NUMBER	LOCATION (Holiday Inn)
28906318.01000	APN 7351-33-39

DRILLING METHOD: Mac 1 M25 vibratory hammer

BORING NUMBER: SBL0393

SAMPLING METHOD: 1.5" acetate liners, continuous core

SHEET: 1 OF 1

DRILLING: START TIME 1358, DATE 6-27-03; FINISH TIME 1409, DATE 6-27-03

SURFACE CONDITIONS: 0.2' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

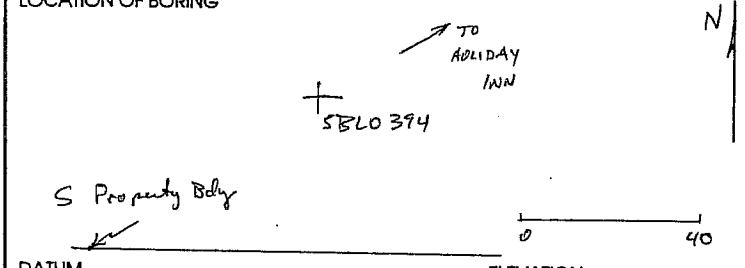
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/c	Asphalt
								GM	Very dark grayish-brown (10YR, 3/2) silty GRAVEL w/ fine sand & little clay, damp, dense
							-1		
	4.0 / 3.8	1402			0.1			CL	Very dark brown (10YR, 2/2) & dk yellowish-brown (10YR, 4/4) silty, clayey sand & trace gravel
		1402	1.5-2.0		3.6	SSS01882	2		
							3		- Becomes gravelly.
							4		
								SC	Brown (10YR, 5/3) clayey fine SAND, moist, dense
					1.7		-5		
									Boring completed to ~5' on 6-27-03
							6		
							7		
							8		
							9		
							0		

BY Mark Vaule DATE 6-27-03 CHECKED BY DCM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION (Holiday Inn)
28706318.01000	APN 7351-33-39

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer	SBL0394
SAMPLING METHOD:	SHEET
1.5" acetate liners, continuous Core	1 OF 1
	DRILLING START TIME 1430 DATE 6-27-03 / FINISH TIME 1440 DATE 6-27-03
SURFACE CONDITIONS:	
0.2' Asphalt	

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
								GM	Very dark gray (10YR 3/1) Silty GRAVEL w/ sand & some clay, moist, dense.
	4.0 / 3.1	1434			0.1		1	CL	Olive-brown (~~5Y~~ 2.5Y, 4/4) sandy CLAY w/ silt, moist, med. stiff
							2		- Asphalt debris from 2.1-2.2'
								SC	Brown (10YR 4/3) clayey fine SAND w/ silt, moist, dense, root casts
		1434			0.1	SS501883	3		- ~0.2' of yellow (2.5Y, 8/6) very fine sand
							4		
							5		Boring completed to ~5' on 6-27-03
							6		
							7		
							8		
							9		
							10		

BY Mark Wentz DATE 6-27-03 CHECKED BY DCM

BORING LOG

LOCATION OF BORING + SBL0395 N

To Holiday Inn

+ SBL0394

0 20 40 Scale

DATUM... ELEVATION

JOB NUMBER	LOCATION (Holiday Inn)
28906318.01000	APN 7351-33-39

DRILLING METHOD: Mark M75 vibratory hammer

SAMPLING METHOD: 1.5" acetate sleeve, Cont's core

SURFACE CONDITIONS: 0.2' Asphalt

BORING NUMBER: SBL0395

SHEET: 1 OF 1

DRILLING: START TIME 1445, DATE 6-27-03; FINISH TIME 1455 ~~1455~~ MW, DATE 6-27-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/c	Asphalt
								GM	Very dark grayish-brown (10YR, 3/2) silty GRAVEL w/ fine sand, moist, dense
	4.0/3.7	1450			0.4		1	CL	Olive-brown (2.5Y, 4/4) sandy CLAY w/ silt, trace gravel, moist, med. stiff
		1450	1.5-2.0			SSS01884	2		- Becomes increased sand
					0.1		3		- Becomes dk yellowish-brown (10YR, 4/6)
									- Becomes brown (10YR, 4/3)
					0.1		4		
							5		Boring completed to ~5' on 6-27-03
							6		
							7		
							8		
							9		
							10		

BY Mark Wanek CHECKED BY DUM

DATE 6-27-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING: SBL0396 (0 — Scale — 60); SBL0395; SBL0394; N

DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	(Holiday Inn) APN 7351-33-39

DRILLING METHOD:	BORING NUMBER
Mar-1 M25 vibratory hammer	SBL0396
SAMPLING METHOD:	SHEET
1.5" acetate liners, continuous core	1 OF 1

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
0.2' asphalt	TIME 1515	TIME 1525
	DATE 6-27-03	DATE 6-27-03

DRILLING CONTRACTOR Gregg

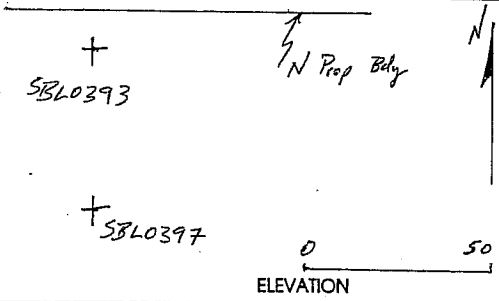
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
								GM	Very dark grayish-brown (10YR, 3/2) silty GRAVEL w/ fine sand & trace clay, moist, dense
	4.0 / 4.0	1520					1	CL	Dark yellowish-brown (10YR, 4/3) CLAY w/ fine sand & silt, some gravel
		1520	1.5-2.0		0.1	SSS01885	2		
									- Becomes dk grayish-brown (10YR, 4/2)
							3		- Becomes dark yellowish-brown (10YR, ~~4/4~~ 4/4), sandy
							4		- Becomes dark grayish-brown (10YR, 4/2), wood debris
					1.3		5		
									Boring completed to ~5' on 6-27-03
							6		
							7		
							8		
							9		
							10		

BY Mark Wauck DATE 6-27-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	(Holiday Inn) APN 7351-33-39

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer	SBL0397
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, continuous core	1 OF 1

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.2' asphalt	1535	1545
	DATE 6-27-03	DATE 6-27-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
								GM	Very dark grayish brown (10YR, 3/2) silty GRAVEL w/ fine sand & little clay, moist, dense
	4.0 / 3.7	1538					1	CL	Very dark gray (10YR, 3/1) CLAY w/ some fine SAND & silt, moist, stiff
		1538*	1.5-2.0		0.1	SSS01886	2		- Cobbles, becomes sandy
					0.3		3		- ~0.2' lense of very dark gray (10YR, 3/1) clayey fine sand w/ silt
							4		- Becomes dark brown (10YR, 3/3), trace sand
					0.1		5		
									Boring completed to ~5' on 6-27-03
							6		
							7		
							8		
							9		
							10		

BY Mark Wanek DATE 6-27-03 CHECKED BY DCM

DAMES & MOORE

BORING LOG

LOCATION OF BORING: + SBL0397; + SBL0398; N; 0 — 50 Scale

DATUM... ELEVATION

JOB NUMBER: 28906318.01000

LOCATION (Holiday Inn) APN 7351-33-39

DRILLING METHOD: Mark M25 vibratory hammer

BORING NUMBER: SBL0398

SAMPLING METHOD: 1.5" acetate sleeves, continuous core

SHEET: 1 OF 1

DRILLING: START TIME 1547 DATE 6-27-03; FINISH TIME 1558 DATE 6-27-03

SURFACE CONDITIONS: 0.2' asphalt

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
	4.0 / 3.7	1550					0	A/c
		1550	1.5-2.0		0.1	SBS01887	1	GM
							2	CL
					0.1		3	
							4	
							5	
							6	
							7	
							8	
							9	
							10	

Asphalt

Very dark grayish-brown (10YR, 3/2) silty GRAVEL w/ little clay, damp, dense

Dark yellowish-brown (10YR, 4/6) sandy CLAY w/ some gravel,

└ Becomes very dark gray (10YR, 3/1), trace sand

- Becomes dark yellowish-brown (10YR, 4/6), sandy

└ Becomes

Boring completed to ~5' on 6-27-03

BY Mark Wanek DATE 6-27-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING: + SBL0399 (N); + SBL0301 (0 25 50 Scale)

DATUM...

ELEVATION

JOB NUMBER: 28906318.01000

LOCATION: R.R. Donnelly APN 7351-34-15

DRILLING METHOD: Marl M25 vibratory hammer

BORING NUMBER: SBL0~~338~~ 399 mw

SAMPLING METHOD: 1.5" acetate sleeves

SHEET: 1 ~~2~~ OF 2

SURFACE CONDITIONS: 0.2' Asphalt

DRILLING: START TIME 0915 DATE 9-2-03; FINISH TIME 0945 DATE 9-2-03

DRILLING CONTRACTOR: Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 3.8	0925			1.1			CL	Dark brown (10YR, 3/3) sandy CLAY w/ silt, moist, stiff
							1		- Becomes trace gravel
								OL?	Black (10YR, 2/1), organic peat w/ light brown flecks, moist, ~~not~~ loose, organic odor
					2.0	SSS01888	2	CL	Brown (10YR, 5/3) and dark brown (10YR, 3/3) CLAY w/ some silt and trace very fine sand, ~~root~~ moist, med. stiff, root casts
							3		- Becomes siltier, sandier, stiff
					0.0				
	4.0 / 3.0	0936			0.0		4		
							5		
					0.0		6	SC	~~Olive~~ light olive-brown (2.5Y, 5/4) clayey fine SAND, moist, dense, root casts
					0.0		7		
	4.0 / 3.8	0941			0.0		8		- Becomes olive-brown (~~10Y~~ 2.5Y, 4/4)
							9		
					0.0		10	SM	~~B. Gravel~~ Light olive-brown (2.5Y, 5/4) silty, very fine SAND w/ pale yellow gravel, root casts

BY Mark Wanek CHECKED BY DCM

DATE 9-2-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-34-15

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer	SBL0399

SAMPLING METHOD:	SHEET
1.5" acetate liner, continuous core	2 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.2' asphalt	0915	0945
	DATE 9-2-03	DATE 9-2-03

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.0		10	SC	
								SM	- no gravel
							11		
					0.0		12		
	4.0 / 3.2	0942			0.0				
							13		
					0.5		14	SP	Light yellowish-brown (2.5Y, 6/3) fine SAND w/ trace silt, moist, loose
					0.0		15		
							16		Boring completed to ~16' on 9-2-03
							17		
							18		
							19		
							20		

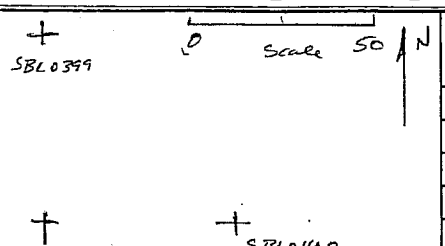
BY Mark Wanek CHECKED BY DCW

DATE 9-2-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION 22 Donnelly
28906318.01000	APN 7351-34-15

DRILLING METHOD:	BORING NUMBER
Mari M25 vibratory hammer	SBL0400
SAMPLING METHOD:	SHEET 1 OF 2
1.5" acetate liner, cont's core	DRILLING START TIME 1000 DATE 9-2-03 / FINISH TIME 1020 DATE 9-2-03
SURFACE CONDITIONS: 0.2' Asphalt	

DRILLING CONTRACTOR Gregg

BY Mark Ward DATE 9-2-03 CHECKED BY DLM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 2.7	1005						CL	Very dark gray (2.5Y, 3/1) CLAY w/ silt, moist, soft
							1		
		1005	1.5-2.0		2.0	SS501889	2		Becomes w/ some sand
					0.0				
							3		
	4.0 / 3.9	1010			0.0		4		⑤ - Becomes dark brown (10YR, 3/3), root casts
							5		
					0.0		6	SC	Light olive-brown (2.5Y, 5/4) clayey fine SAND, wet w/ silt, moist, dense, root casts
							7		
					0.0				
	4.0 / 3.3	1015			0.0		8	SM	Light olive-brown (2.5Y, 5/4) silty Very fine - fine SAND w/ some clay, moist, dense, root casts
							9		
					0.3				
							10		

DAMES & MOORE

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-15

DRILLING METHOD: Marl M25 vibratory hammer

BORING NUMBER: SBL 0 400

SAMPLING METHOD: 1.5" acetate liner, continuous core

SHEET 2 OF 2

SURFACE CONDITIONS: 0.2' Asphalt

DRILLING	START	FINISH
TIME	1000	1020
DATE	9-2-03	9-2-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.3		10	SM	
							11		
					0.3				
							12		
	4.0 / 3.8	1018			0.0				
							13		- Becomes sandier
					0.0		14		
							15		- Becomes increased clay, decreased sand.
					0.8				- Becomes heavily bioturbated
							16		
							17		Boring completed to ~16' on 9-2-03
							18		
							19		
							20		

BY Mark Wanek

DATE 9-2-03

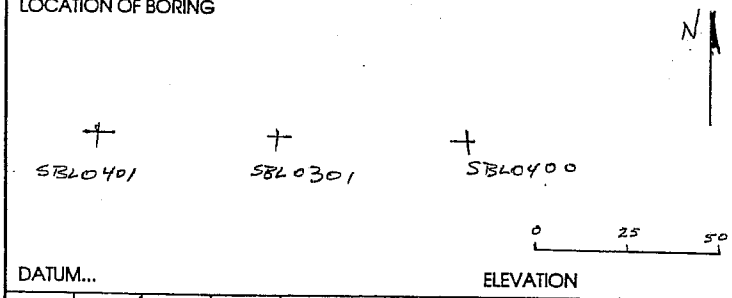
CHECKED BY DLM

DAMES & MOORE

SBL0399

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION R.R. Donnelly
28906318.01000	APN 7351-34-75
DRILLING METHOD: Mari M25 vibratory hammer	BORING NUMBER SBL0401
SAMPLING METHOD: 1.5" acetate liner, continuous core	SHEET 1 OF 2
SURFACE CONDITIONS: 0.25' asphalt	DRILLING START TIME 1055 DATE 9-2-03; FINISH TIME 1130 DATE 9-2-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	
	4.0 / 3.8	1100			0.0			A/C
							1	SM
		1100	1.5-2.0		0.0	SSS01890	2	
								CL
							3	
					0.0			
	4.0 / 3.5	1105			0.0		4	
							5	
					0.0		6	
							7	
					0.0			SM
	4.0 / 3.7	1110			0.0		8	
							9	
					0.1		10	

light olive-brown (2.5Y, 5/4) silty, fine SAND, moist w/ some clay.

- Becomes very dark gray (2.5Y, 3/1) and black (2.5Y, 2.5/1), moist, organic odor, stained w/ sooty material

- Becomes Dark yellowish-brown (10YR, 3/4) CLAY w/ some silt and sand, moist, soft

- Becomes mottled w/ dark brown (10YR, 3/3) root casts.

- Becomes light olive-brown (2.5Y, 5/4)

light olive-brown (2.5Y, 5/4) silty, very fine SAND w/ clay & trace gravel, moist, dense

BY Mark Wheeler DATE 9-2-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-15

DRILLING METHOD:	BORING NUMBER
Mar1 M25 vibratory hammer	SBL0401 ~~SBL0402~~
SAMPLING METHOD:	SHEET
1.5" acetate liner, continuous core	2 OF 2
	DRILLING START TIME 1055 DATE 9-2-03 / FINISH TIME 1130 DATE 9-2-03
SURFACE CONDITIONS: 0.25' asphalt	

DRILLING CONTRACTOR Cregg

DATUM... ELEVATION

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
					0.1		10	SM
							11	
					0.0			
	4.0 / 3.1	1115						
					1.6		12	
							13	
					1.8		14	
					0.0		15	
							16	
							17	
							18	
							19	
							20	

- Becomes no clay, fewer root casts
- trace gravel
- Becomes increased sand, decreased silt, med. dense
- no root casts

Boring completed to ~ 16' on 9-2-03

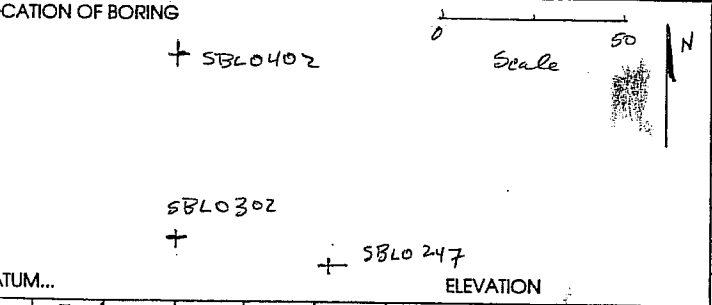
BY Mark Wenk

DATE 9-2-03 CHECKED BY DCM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	RR Donnelley APN 7351-34-15

DRILLING METHOD: Mact 1125 vibratory hammer

BORING NUMBER: SBL0402

SAMPLING METHOD: 1.5" acetate liner, continuous core

SHEET: 1 OF 2

DRILLING: START TIME 1310 DATE 9-02-03; FINISH TIME 1335 DATE 9-02-03

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	
	4.0 / 3.7	1320			0.0			A/C
							1	CL
							2	
					0.0			
							3	
					0.0			
	4.0 / 3.7	1322			0.2		4	
							5	SM
					0.0			
							6	
		1322	7.0-7.5		0.0	35501891	7	
	4.0 / 3.4	1325			0.0		8	
							9	
					0.0			
							10	

Asphalt

Very dark grayish-brown (10YR 3/2) sandy CLAY w/ silt and gravel, moist, med. stiff

- Becomes silty w/ little sand, dark brown (10YR 3/3), organic odor
  - Becomes mottled w/ black peat-like material 1.3-1.5'
- Becomes stiff
- Becomes sandy, dark yellowish-brown (10YR 4/4), sandy, root casts

Dark yellowish-brown (10YR 4/6) silty very fine SAND, moist, med. dense, root casts
- heavily bioturbated
- Becomes dense, little clay

- Becomes light olive-brown (10YR 5/4)

BY Mark Wheeler DATE 9-2-03 CHECKED BY DUM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-15

DRILLING METHOD: Mark I M25 vibratory hammer

BORING NUMBER: SBL0402

SAMPLING METHOD: 1.5" acetate liners, continuous core

SHEET: 2 OF 2

DRILLING: START TIME 1310 DATE 9-2-03; FINISH TIME 1335 DATE 9-2-03

SURFACE CONDITIONS: 0.25' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.0		10	SM	
							11		Becomes med. dense, no clay
					0.0				
	4.0 / 3.8	1328			0.0		12		Becomes
									Becomes little silt
							13		
					0.0				
							14		
		1326	14.5-15.0		0.8	SSS01892	15		
							16		
									Boring completed to ~16' on 9-2-03
							17		
							18		
							19		
							20		

BY Mark Lukacek CHECKED BY DLM

DATE 9-2-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING

+SBL0302 +SBL0247

N

0 50

DATUM... +SBL0403 ELEVATION Scale

JOB NUMBER 28906318.01000

LOCATION R.R. Donnelly APN 7351-34-15

DRILLING METHOD: Mail M25 vibratory hammer; Hand auger to 4'1'

BORING NUMBER SBL0403

SAMPLING METHOD: 1.5" acetate sleeves, continuous core

SHEET 1 OF 2

DRILLING: START TIME 1340 DATE 9-2-03; FINISH TIME 1450 DATE 9-2-03

SURFACE CONDITIONS: 0.25' asphalt

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	A/C
								CL
							1	
							2	
							3	
	4.0 / 3.9	1432			0.0		4	
							5	
					0.0		6	
		1432	7.0-7.5		0.1	SSS01893	7	
	4.0 / 3.7	1435			0.0		8	
							9	
					0.0		10	

Dark grayish-brown (10YR, 4/2) silty CLAY w/ trace fine sand, moist, soft

-Becomes olive-brown (2.5Y, 4/4), sandy, root casts

SM

Dark yellowish-brown (10YR, 4/4) silty fine SAND w/ little clay, moist, med. dense, root casts

-Becomes trace clay

BY Mark Wheeler DATE 9-2-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER: 28906318.01000

LOCATION: RR Donnelly APN 7351-34-15

DRILLING METHOD: Marl M25 ~~for~~ vibratory hammer

BORING NUMBER: SBL0403

SAMPLING METHOD: 1.5" acetate sleeve, continuous core

SHEET 2 OF 2

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING

START	FINISH
TIME 1340	TIME 1450
DATE 9-2-03	DATE 9-2-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.0		10	SM	
					0.0		11		
	4.0 / 3.7	1438			0.0		12		- Becomes little silt to some silt, ~~light~~ olive-brown (2.5Y, 4/4), no root casts - root casts faint
							13		
							14		- Becomes trace clay, root casts more prominent
		1438			0.3	SSS01894	15		
					0.0		16		Boring completed to ~16' on 8-9-02-03
							17		
							18		
							19		
							20		

BY Mark Wanek

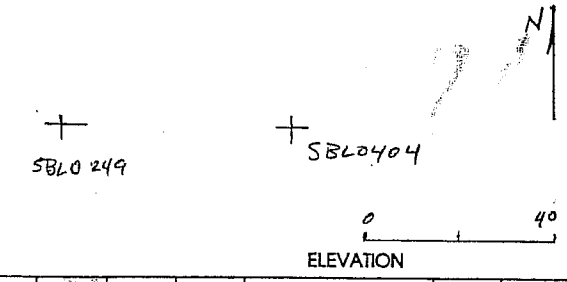
DATE 9-2-03

CHECKED BY DCW

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	28906318.01000
LOCATION	R.R. Donnelly APN 7351-34-15
DRILLING METHOD:	Marl M25 vibratory hammer Hand Auger to 6.0
BORING NUMBER	SBL0404
SAMPLING METHOD:	1.5" acetate liners continuous core
SHEET	1 OF 2
SURFACE CONDITIONS:	0.45' Concrete
DRILLING START TIME	1500
DRILLING FINISH TIME	1545
DRILLING DATE	9-2-03
DRILLING DATE	9-2-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Concrete
								CL	Very dark grayish-brown (10YR, 3/2) silty CLAY w/ some fine sand, moist, stiff
							1		
							2		
							3		
	4.0 / 3.8	1528					4		
									- Becomes dark yellowish-brown (10YR, 4/4), sandy med. stiff
							5		
					0.0		6		
					0.0				- Becomes bioturbated
		1528				SSS01895	7		
					0.7				
	4.0 / 3.5	1532			0.4		8		
								SM	Dark yellowish-brown (10YR, 4/4) silty very fine-fine SAND, moist, dense, root casts
							9		
					4.9				
							10		

BY Mark Wenck DATE 9-2-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-34-15

DRILLING METHOD: Marl M25 vibratory hammer
Hand Auger to

BORING NUMBER: SBL0404

SAMPLING METHOD: 1.5" acetate liners, continuous core

SHEET: 2 OF 2

DRILLING: START TIME 1500 DATE 9-2-03; FINISH TIME 1545 DATE 9-2-03

SURFACE CONDITIONS: 0.45' Concrete

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

BY Mark Lukens CHECKED BY DCM

DATE 9-2-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
					4.9		10	
							11	
					1.1			
							12	
	4.0 / 3.5	1535			3.0			
							13	
							14	
					8.7			
		1535	14.5-15.0			SSS01896	15	
					4.1			
							16	
							17	
							18	
							19	
							20	

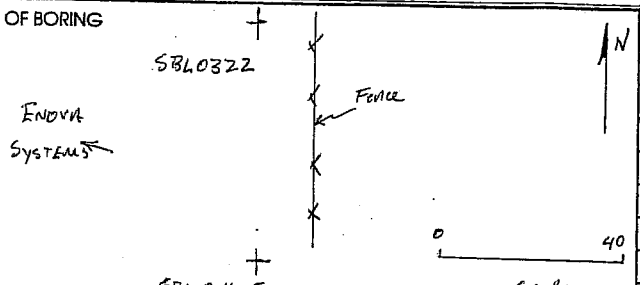
- Becomes decreased silt, med. dense, root casts faint
- Becomes fine - med. sand, yellowish-brown (10 YR, 5/4)
- Becomes loose, very fine - fine sand

Boring completed to ~16' on 9-2-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	289063B.01000
LOCATION	ENOVA Systems APN 7351-34-~~65~~ NW 803
DRILLING METHOD:	Mari MZ5 vibratory hammer
BORING NUMBER	SBL0405
SAMPLING METHOD:	1.5" acetate liners
SHEET	1 OF 2
SURFACE CONDITIONS:	0.25' Asphalt
DRILLING START TIME	1628
DRILLING FINISH TIME	1645
DRILLING START DATE	9-2-03
DRILLING FINISH DATE	9-2-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0/3.2	1630			0.0			GM	Light gray (10YR, 7/1) silty GRAVEL w/ fine sand and silt, dry, loose
							1		- Becomes very dark grayish-brown (10YR, 3/2), moist
		1630	1.5-2.0		0.2	SS501897		CL	Very dark grayish-brown (10YR, 3/2) CLAY w/ silt and little very fine sand, moist, stiff
					0.0		2		
							3	SM	Dark yellowish-brown (10YR, 4/6) silty fine SAND, moist, med. dense, root casts
	4.0/3.4	1633			0.0		4		
							5		
									- Some gravel 4.5-4.5'
							6		- Becomes olive-brown (2.5YR, 4/4) w/ clay, dense
									- Becomes dark yellowish-brown (10YR, 4/6) trace clay
							7		
					0.0				
							8		
	4.0/3.5				0.4				- Becomes light olive-brown (2.5Y, 5/4)
							9		
									- Gradually decreased silt, very fine sand
							10		
					0.0				

BY Mark Wenck DATE 9-2-03 CHECKED BY DUM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-34-803

DRILLING METHOD: Mark M25 vibratory hammer

BORING NUMBER: SBL04/05

SAMPLING METHOD: 1.5" acetate liners, continuous core

SHEET: 2 OF 2

DRILLING START TIME: 1628

DRILLING FINISH TIME: 1645

DRILLING START DATE: 9-2-03

DRILLING FINISH DATE: 9-2-03

SURFACE CONDITIONS: 0.25' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SM	
					0.0				
							11		
					0.0				
							12		
	4.0 / 3.5				0.0				
							13		Becomes little gravel
								SC CL	Light olive-brown (2.5Y, 5/4) cl. sandy CLAY w/ silt and some gravel, ~~and silt~~, moist, stiff, heavy bioturbation
					0.0		14		
							15		
					0.0				
							16		
									Boring completed to ~16' on 9-2-03
							17		
							18		
							19		
							20		

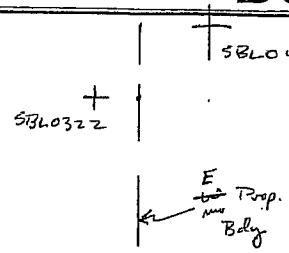
BY Mark Wanek CHECKED BY DLM

DATE 9-2-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Enova 7351 - 34-23

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer	SBL0406
SAMPLING METHOD:	SHEET
1.5" acetate liners, continuous core	1 OF 2

DRILLING	START	FINISH
TIME	1658	1715
DATE	9-2-03	9-2-03

SURFACE CONDITIONS: Soil

DRILLING CONTRACTOR

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
	4.0 / 3.5	1659			6.0		0	CL	Dark olive-brown (2.5Y, 3/3) silty clay w/ sand and gravel, moist, very stiff
		1659	1.5-2.0		0.0	55501898	2		
					0.0		3		
	4.0 / 3.8	1705			(Bad Fill)		4		
							5	SM	Olive-yellow (2.5Y, 6/6) silty very fine sand, moist, very dense, root casts
							6		- Becomes mottled w/ brown (10YR, 3/3) clay
	4.0 / 3.7	1708					8		- Becomes light olive-brown (2.5Y, 5/4)
							9		- Increased silt - trace gravel
							10		

BY Mark Valencia DATE 9-2-03 CHECKED BY DCM

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-34-63

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer	SBL0406
SAMPLING METHOD:	SHEET
1.5" acetate liner	2 OF 2
Cont's Core	DRILLING

DATUM... ELEVATION

SURFACE CONDITIONS:	START TIME	FINISH TIME
soil	1658	1715
	DATE 9-2-03	DATE 9-2-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
								SM	
							10		
							11		
							-12		- Becomes some gravel, decreased silt, med. dense
	4.0 / 3.9								
							13		
							14		- Becomes no gravel, heavy bioturbation
							15		
							-16		Bairy completed to -16' on 9-2-03
							17		
							18		
							19		
							20		

DRILLING CONTRACTOR Gregg

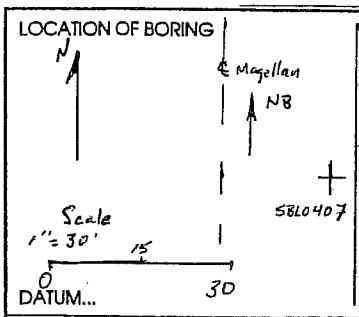
BY Mark Wanek CHECKED BY DLM

DATE 9-2-03

DAMES & MOORE

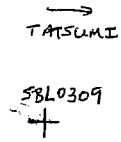
BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION



JOB NUMBER	LOCATION
28906318.01000	NB Magellan

DRILLING METHOD:	BORING NUMBER
Mar 1 M25 Vibratory hammer Hand Auger to 5.1'	SBL0407
SAMPLING METHOD:	SHEET
2" Brass sleeve, manual drive 1.5" acetate liner, continuous line	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
	0735	0807
0.33' Asphalt	DATE 9-3-03	DATE 9-3-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
								SM	Dark grayish-brown (10YR, 4/2) silty fine SAND w/ clay and gravel, moist, dense
							1		
		0745	1.3-1.8		0.0			CL	Very dark gray~~ish brown~~ MW (10YR, 3/~~2~~ 1) silty CLAY w/ fine sand, moist, med. stiff
							2		
							3		
									- Becomes dark yellowish-brown (10YR, 4/6), sandy w/ silt.
							4		
								SM	Yellowish-brown (10YR, 5/4) silty fine SAND w/ clay, moist, dense, root casts
	3.0 / 3.0	0759			0.0		5		
							6		
					1.2		7		
					0.4		8		
	4.0 / 3.9	0802			0.1				
							9		
					0.7		10		

BY Mark Wanek

DATE 9-3-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	NB Magellan

DRILLING METHOD: Mod M25 vibratory hammer; Hand Auger to 5.1'

BORING NUMBER: SBLO~~X~~407 (NW)

SAMPLING METHOD: 1.5" acetate liners, continuous core; 2" Brass sleeve, manual drive

SHEET: 2 OF 2

DRILLING: START TIME 0735 DATE 9-3-03; FINISH TIME 0807 DATE 9-3-03

SURFACE CONDITIONS: 0.33' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

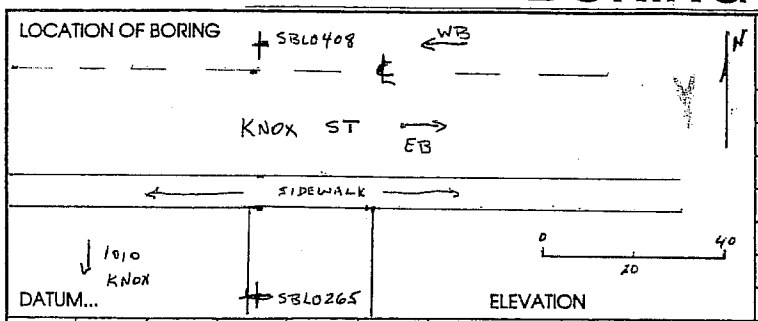
BY Mark Ward DATE 9-3-03 CHECKED BY DLM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.7		10	SM	Becomes - No clay
							11		Some - ~~Trace~~ gravel 11.3 - 11.5' ~~B~~ MW - Becomes grayish-brown (2.5Y, 5/2), decreased silt (~25%), prominent root casts / iron staining
					35.1				
	4.0 / 4.0	0805	12.0-17.5		21.5	SS501899	12		- Becomes olive-brown (2.5Y, 4/4)
							13		
					20.7				- Some gravel from 13.5-13.7'
							14		
							15		
					0.0				- Becomes some trace clay
							16		
									Boring completed to ~16' on 9-3-03
							17		
							18		
							19		
							20		

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	WB knox @ Pacific Gateway

DRILLING METHOD:	BORING NUMBER
Mail M25 vibratory hammer Hand Auger to 5.0'	SBL0408
SAMPLING METHOD:	SHEET
1.5" acetate liner, continuous core 2" Brass sleeve, manual drive	1 OF 2

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
	TIME	TIME
0.33' asphalt	0850	0940
	DATE	DATE
	9-3-03	9-3-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
								SM	Very dark grayish-brown (10YR, 3/2) silty fine-coarse SAND w/ gravel, dry, dense,
							1		
		0915	1.9-2.4		0.0	SSS01900			- Becomes yellowish-brown (10YR, 5/8), fine sand w/ trace clay, root casts, moist
							2		
							3		
							4		- Becomes no clay, ~~root casts~~
	3.0 / 2.9	0920			0.0		5		- Becomes med. dense
							6		- Becomes dense
					0.0				
					0.1		7		
	4.0 / 3.9	0923			0.0		8		- Becomes med. dense, decreased silt
							9		
					0.0		10		

BY Mark Wanek

DATE 9-3-03

CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000 | LOCATION: WB KNOX

DRILLING METHOD: Mark M25 vibratory hammer; Hand auger to 5.0'

BORING NUMBER: SBL0408

SAMPLING METHOD: 1.5" acetate liner; 2" Brass sleeve, manual drive

SHEET: 2 OF 2

DRILLING: START TIME 0850 DATE 9-3-03 | FINISH TIME 0940 DATE 9-03-03

SURFACE CONDITIONS: 0.33' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

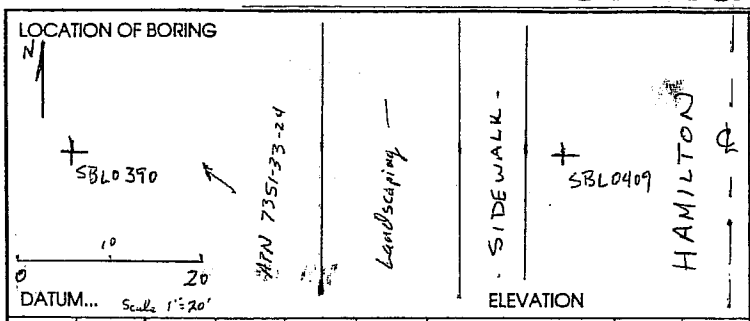
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.0		10	SM	- Become light olive-brown (2.5Y, 5/4), increased silt, very fine sand, prominent root casts/iron staining
							11		
					0.0		12		
	4.0 / 3.7	0926			0.0			SC	light olive-brown (2.5Y, 5/4) clayey fine SAND w/ silt, moist, dense, root casts
							13	SM	Light olive-brown (2.5Y, 5/4) silty very fine - fine SAND, moist, dense, root casts faint
					0.0		14		- Becomes w/ ~~some~~ clay, some gravel, prominent root casts
									- Becomes trace gravel, gypsum
							15	SC	Light olive-brown (2.5Y, 5/6) clayey very fine sand w/ silt, moist, dense, root casts
					0.0		16		
							17		Boring completed to ~16' on 9-3-03
							18		
							19		
							20		

BY Gregg DATE 9-3-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



JOB NUMBER	LOCATION
28906318.01000	SB Hamilton

DRILLING METHOD:	BORING NUMBER
Hand Auger to 5.1' Mart MZ5 vibrating hammer	SBL0409
SAMPLING METHOD:	SHEET
2" Brass sleeve, manual drive	1 OF 2
	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME: 1000 / 1050
0-5' Asphalt	DATE: 9-3-03 / 9-3-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	
								SP	Olive-yellow (2.5Y, 6/6) fine SAND w/ trace silt, moist, loose
							1		- Become pale olive (5Y, 6/4), rust staining
							2		~~Brown~~ w
		1007	2.1-2.6		10.2	SSS01901		SM SC	Dark yellowish-brown (10YR, 3/6) clayey fine SAND w/ silt, moist, med. dense, faint organic odor
							3		
							4		
	3.0 / 3.8	1015			0.0		5		- root casts apparent
							6		
							7		- Decreased clay, increased silt
					0.1			SM	Dark yellowish-brown (10YR, 4/6) silty fine SAND w/ trace clay, moist, med. dense-dense
	4.0 / 3.3	1020			0.0		8		- Becomes some clay
							9		
									- Becomes yellowish-brown (10YR, 5/4), no clay
							10		
					0.0				

BY Mark Wauck DATE 9-3-03 CHECKED BY DUM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
289063 18.01000	SB Hamilton

DRILLING METHOD:	BORING NUMBER
Mari M25 vibratory hammer Hand Auger to 5.1'	SBL0409
SAMPLING METHOD:	SHEET
1.5" acetate liners, continuous core 2" Brass sleeve, manual drive	2 OF 2
	DRILLING
	START / FINISH
SURFACE CONDITIONS:	TIME: 1000 / 1050
	DATE: 9-3-03 / 9-3-03

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
					0.0			
							11	
					0.1			
							12	
	4.0 / 3.8	1023			0.0			SC CL
							13	SM
					0.0		14	
							15	
					0.0		16	
							17	
							18	
							19	
							20	

TS Light olive-brown (2.5Y, 5/4) clayey SAND w/ silt, moist, soft, root casts

Light yellowish-brown (10YR, 6/4) silty, fine SAND

- Becomes some clay
- Becomes little clay

Boring completed to ~16' on ~~9-2-03~~ 9-3-03 MW

BY Mark Vanek DATE 9-2-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

See pg. 2

JOB NUMBER	LOCATION
28906318.0/000	53 Magellan

DRILLING METHOD:	BORING NUMBER
Mobil M25 vibratory hammer Hand Auger to 5.1'	SBL0410
SAMPLING METHOD:	SHEET
2" Brass sleeves Manual drive 1.5" acetate liner, cfs core	1 OF 2
SURFACE CONDITIONS:	DRILLING START TIME / FINISH TIME
0.33' Asphalt	1115 / 1215
	DATE 9-3-03 / DATE 9-3-03

DATUM... ELEVATION

DRILLING CONTRACTOR Cregg

BY Mark Wanek CHECKED BY DUM

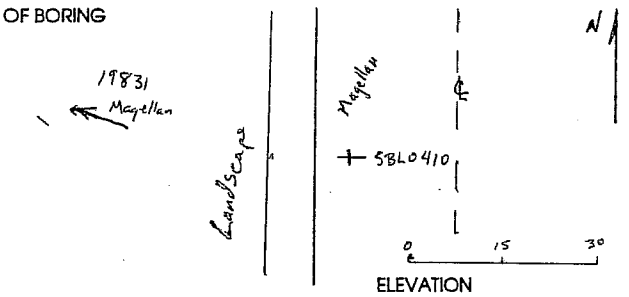
DATE 9-3-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	
								SM	Very dark grayish-brown silty fine-med. SAND w/ gravel, moist, dry, dense
							1		
							2	SC	
		1135	2.0-3.0 MW			SS501902			Yellowish-brown (10YR 5/4) & fine SAND w/ clay and some silt, moist, dense
							3		
							4	SM	Dark yellowish-brown (10YR, 3/6) silty very fine SAND w/ trace clay, moist, Med. dense
	3.0 / 2.7	1145			0.0		5		
							6		
					0.0				- root casts faint
							7		
					0.0				
	4.0 / 3.8	1148			0.0		8		- Becomes dark olive-brown (2.5Y, 4/4)
							9		
					0.0				
							10		

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION (Projects)
28906	SB Magellan

DRILLING METHOD: Marl M25 vibratory hammer, Hand Auger to 5'1"

BORING NUMBER: SBL0410

SAMPLING METHOD: 2" Brass sleeve, manual drive, 1.5" acetate liner, CTS core

SHEET: 2 OF 2

SURFACE CONDITIONS: 0.3' Asphalt

DRILLING START TIME	DRILLING FINISH TIME	DRILLING START DATE	DRILLING FINISH DATE
1115	1215	9-3-03	9-3-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
					0.0		10	
							11	
					0.0			
	4.0 / 3.7	1152			0.0		12	CL-SC
							13	
					0.0		14	
							15	SM
					0.0		16	
							7	
							8	
							9	
							0	

Becomes w/ clay

- ~~Becomes~~ Interbedding layers of clayey sand Olive-brown (~~10Y~~ 2.5Y, 4/4) sandy CLAY - clayey SAND w/ silt, moist, stiff/dense, root casts
- gypsum inclusions

Olive-brown (~~10Y~~ 2.5Y, 4/4) silty, very fine-fine SAND w/ clay, moist, dense, root casts

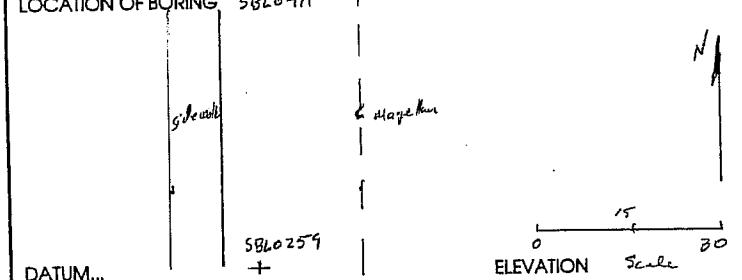
Boring completed to ~16' on 9-3-03

BY Mark Jarick DATE 9-3-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING SBL0411



DATUM... ELEVATION

JOB NUMBER	LOCATION
289063I8.01000	SB Magellan

DRILLING METHOD: Mobil M25 vibratory hammer

BORING NUMBER: SBL0411

SAMPLING METHOD: 1.5" acetate liner, continuous core

SHEET: 1 OF 2

DRILLING: START TIME 1250 DATE 9-3-03; FINISH TIME 1315 DATE 9-3-03

SURFACE CONDITIONS: 0.3' Asphalt

DRILLING CONTRACTOR Gregg

BY Mark Wanek DATE 9-3-03 CHECKED BY DLM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 3.8	1252						SM	Very dark grayish-brown (10YR, 3/2) silty fine-med SAND w/ gravel, moist, dense
					0.1		1	CL	Brown (10YR, 5/3) ~~et~~ Sandy CLAY w/ some silt, moist, stiff, root casts
								SM	Yellowish-brown (10YR, 5/4) silty fine SAND w/clay, moist, dense, root casts
					0.0		2		
							3		
					0.0				
	4.0 / 3.8	1256			0.0		4		- Becomes light olive-brown (2.5Y, 5/4), trace clay
							5		- Clay inclusion
		1256 ↓	6.5-7.2 composite ↓			SSSW	6		
					0.0	SSS01903	7		- Becomes dark yellowish-brown (10YR, 4/6)
									- Becomes no clay, med. dense, faint root casts
					0.0				
	4.0 / 3.8	1258					8		
							9	ML	- Sharp contact Light olive brown (~2.5Y 5/4) sandy, SILT w/ clay, moist, med. dense, root casts
								SM	Light olive-brown (2.5Y, 5/4) silty, very fine SAND, moist, med. dense, root casts
					0.0		10		- Becomes w/ clay

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: SB Magellan

DRILLING METHOD: Manl HZ5 vibratory hammer

BORING NUMBER: SBL0411

SAMPLING METHOD: 1.5" acetate liner, continuous core

SHEET: 2 OF 2

DRILLING: START TIME 1250 DATE 9-3-03; FINISH TIME 1305 DATE 9-3-03

DATUM... ELEVATION

SURFACE CONDITIONS: 0-3.3' Asphalt

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
					0.0		10	SM
							11	
					0.0		12	CL
	4.0 / 3.8	1302			0.0			
							13	
					0.0		14	
							15	
					0.3		16	
							7	
							8	
							9	
							0	

Light olive brown (2.5Y, 5/4) CLAY w/ silt and little very fine sand, moist, med. stiff, root casts

- Becomes sandy

- Becomes light yellowish-brown (2.5Y, 6/4) w/ silt and sand, very fine

- Becomes decreased silt and sand

Boring completed to ~16' on 9-3-03

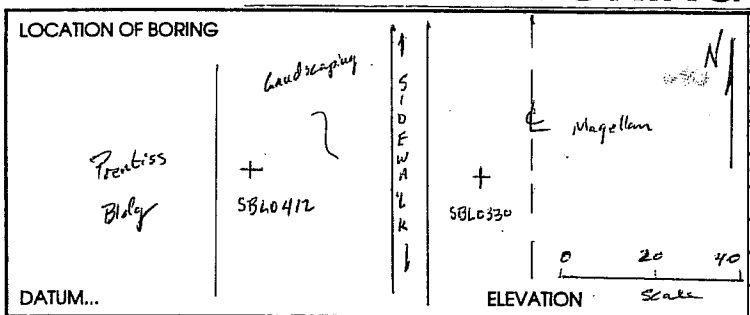
BY Mark Wamel CHECKED BY [illegible]

DATE 9-3-03

DAMES & MOO

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	28906318.01000
LOCATION	Prentiss APN 7351-34-45
DRILLING METHOD:	Hand Auger to 14.8'
BORING NUMBER	SBL0412
SAMPLING METHOD:	2" Brass sleeve, Manual drive
SHEET	1 OF 2
SURFACE CONDITIONS:	Grass
DRILLING START TIME	1400
DRILLING START DATE	9-3-03
DRILLING FINISH TIME	1700
DRILLING FINISH DATE	9-3-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	CL	Topsoil w/ roots Dark grayish-brown (10YR, 4/2) CLAY w/ sand and silt, moist, stiff, trace gravel
		1415			0.0		1		
		1422			0.0				
		1428					2		
		1432			0.0		3		
		1438			0.0		4		
							5		
							6		
							7	SC	Yellowish-brown (10YR, 5/6) clayey fine SAND, moist, dense
		1555	7.0-8.0		0.0	SSS01904			
							8		- Becomes wet
							9		
							10		- Becomes moist

DRILLING CONTRACTOR Gregg

BY Mark Wavek

DATE 9-3-03 CHECKED BY DLM

Note: Surface ~ 5' above scale at start

DAMES & MOORE

BORING LOG

LOCATION OF BORING

DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-45

DRILLING METHOD:	BORING NUMBER
Hand Auger to 14.8'	SBL0412
SAMPLING METHOD: 2" Brass sleeve, manual drive	SHEET 2 OF 2
	DRILLING START TIME 1400 DATE 9-3-03 / FINISH TIME 1700 DATE 9-3-07
SURFACE CONDITIONS: Grass	

DRILLING CONTRACTOR Gregg

BY Mark Wheeler DATE 9-3-03 CHECKED BY DCM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SC
							11	
							12	SM
		1615			1.0		13	
							14	
							15	
							16	
							17	
							18	
							19	
							20	

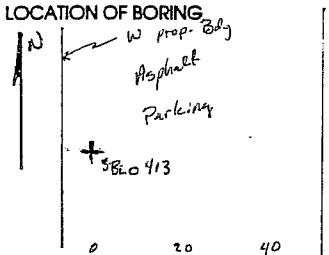
Light yellowish-brown (2.5Y, 6/4) silty very fine sand, ~~the~~ w/ little clay, moist, dense

Boring completed to 14.8' on 9-3-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Harbor Gateway APN 7351-31-12

DRILLING METHOD:	BORING NUMBER
Mar l M25 vibratory hammer	SBLO413
SAMPLING METHOD:	SHEET
1.5" acetate liners	1 OF 2
	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME: 0800 / 0830
0.25' Asphalt	DATE: 9-4-03 / 9-4-03

DRILLING CONTRACTOR Gregg

BY Mark Wanek DATE 9-4-03 CHECKED BY DJM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0		
	4.0 / 3.9	0812						A/C	
					0.0			SM	Brown (7.5YR. 4/3) silty very fine-fine SAND w/trace gravel, moist, very dense
							1		
		0812	15-20		0.0	SSSO1905	2		
							3		
					0.0				
	4.0 / 3.8	0815			0.0		4		- Becomes yellowish-brown, heavily bioturbated, no gravel
							5		
					0.0		6		
							7		
					0.0				
	4.0 / 3.5	0820			0.0		8		- Becomes med. dense, very fine sand
							9		
							10		
					0.0				

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-31-12

DRILLING METHOD:	BORING NUMBER
Mast M25 vibratory ham	SBL0413
SAMPLING METHOD:	SHEET
1.5" acetate liner, continuous core	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.25' Asphalt	0800	0830
	DATE 9-3-03	DATE 9-3-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
								Soil	
				~~0.0~~	0.0		10		
							11		
				~~0.0~~	0.0				
							12		
	4.0 / 3.8	0823			0.0 ~~0.2~~				-Becomes brownish-yellow (10YR, 6/6)
							13		
					0.0		14		
							15		
					0.0		16		
							17		Boring completed to ~16' on 9-4-03
							18		
							19		
							20		

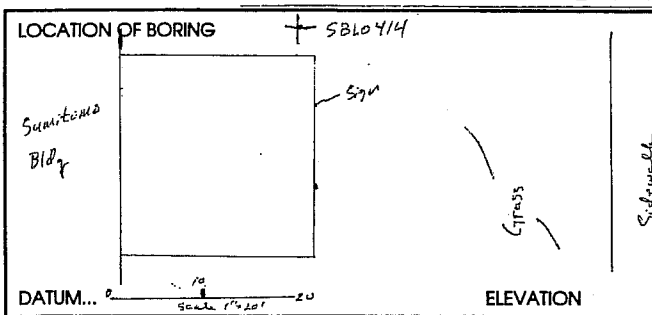
BY Mark Wanek CHECKED BY DLM

DATE 9-4-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING + SBL0414



ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Sa. APN 7351-31-7

DRILLING METHOD:	BORING NUMBER
Hand Auger to 3.0'	SBL0414
SAMPLING METHOD:	SHEET
2" Brass sleeve	1 OF 1
	DRILLING
	START / FINISH
SURFACE CONDITIONS:	TIME / TIME
Grass	0868 /
	DATE / DATE
	9-4-03 / 9-4-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	SM
							1	
							2	
		0845	1.5-2.0		0.0	SS501906	3	
							4	
							5	
							6	
							7	
							8	
							9	
							10	

Brown (10YR, 4/3) silty very fine to fine SAND w/ gravel, moist, dense

Boring completed to 3.0' (refusal)

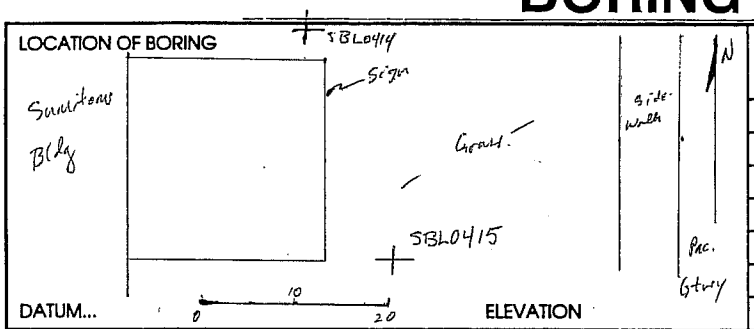
BY Mark Wenck CHECKED BY DCM

DATE 9-4-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	Sumitomo APN 7351-31-7

DRILLING METHOD:	BORING NUMBER
Hand Auger to 1.8'	SBL0415
SAMPLING METHOD:	SHEET
2" Brass sleeve, manual drive	1 OF 1

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
	TIME 0900	TIME 0935
Grass	DATE 9-4-03	DATE 9-4-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	SM	Brown (7.5YR, 4/3) silty very fine - fine SAND w/ gravel, moist, very dense
							1		
		0915	1.3-2.8		0.0	SSS 01907	2		Boring completed to 1.8' (Refusal) on 9-4-03
							3		
							4		
							5		
							6		
							7		
							8		
							9		
							10		

DRILLING CONTRACTOR Gregg

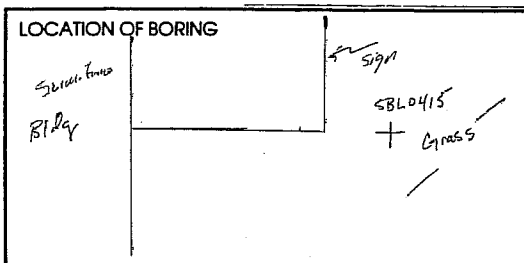
BY Mark Wanek CHECKED BY DLM

DATE 9-4-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER 28906318.01000

LOCATION Sunnyvale APN 7351-31-7

DRILLING METHOD: Hand auger to 2.9'

BORING NUMBER SBL0416

SAMPLING METHOD: 2" Brass sleeve, manual drive

SHEET 1 OF 1

DRILLING: START TIME 0945 DATE 9-4-03; FINISH TIME 1010 DATE 9-4-03

SURFACE CONDITIONS: Grass

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
		0950	1.5-2.0		0.0	ESS01908	0	
							1	
							2	
							3	
							4	
							5	
							6	
							7	
							8	
							9	
							10	

Brown (7.5YR, 4/3) silty fine-med. SAND w/ gravel, moist, very dense

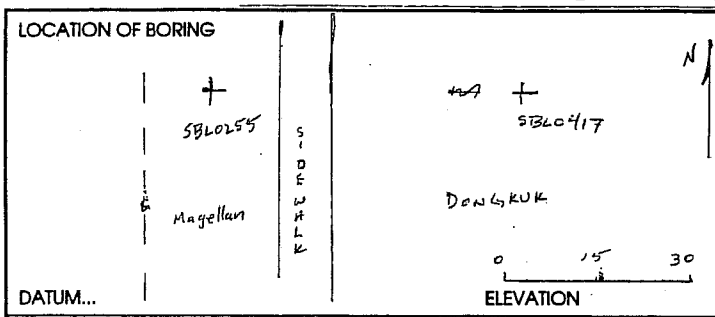
Boring completed to 2.7' (Refusal) on 9-4-03

BY Mark Ludwick DATE 9-4-03 CHECKED BY DCM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	28906318.01000
LOCATION	Dongkuk APN 7351-34-64
DRILLING METHOD:	Marl M25 vibratory hammer
BORING NUMBER	SBL0417
SAMPLING METHOD:	1.5" acetate liners
SHEET	1 OF 2
SURFACE CONDITIONS:	0.33' Asphalt
DRILLING START TIME	1024
DRILLING START DATE	9-4-03
DRILLING FINISH TIME	1040
DRILLING FINISH DATE	9-4-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 3.7	1026						CL	~~7.5Y~~ Dark brown (7.5YR, 3/2) CLAY w/ trace silt and fine sand, moist, stiff
					0.0		1		- root casts
					0.0	SSS 01909	2		- Becomes sandy, trace gravel
					0.0		3	SC	Dark brown (7.5YR, 3/4) clayey fine SAND w/ little silt, moist, dense, faint root casts
	4.0 / 3.4	1028			0.0		4		- Becomes yellowish-brown (10YR, 5/4), med. dense, prominent root casts
					0.0		5		
							6		- Becomes increasing silt
					0.0		7		
	4.0 / 3.4	1030			0.0		8	SM	Dark yellowish-brown (10YR, 4/6) silty fine SAND w/ trace clay, moist, med. dense, prominent root casts
					0.0		9		
							10		

BY Mark Wanek CHECKED BY DLM

DATE 9-4-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER 28906318.01000

LOCATION Longvale APN 7351-34-64

DRILLING METHOD: Mart M25 vibratory hammer

BORING NUMBER SBL0417

SAMPLING METHOD: 1.5" acetate liners

SHEET 2 OF 2

DRILLING: START TIME 1024 DATE 9-4-03; FINISH TIME 1040 DATE 9-4-03

SURFACE CONDITIONS: 0.33' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.0		10	SW	
							11		
					0.0				
							12		
	4.0 / 3.8	1032			0.0				- Becomes yellowish-brown (10YR 5/4), increased silt
							13		
					0.0				
							14		- Gravel lense from ~13.9-14.0'
							15		- Becomes some clay
					0.0				
							16		
							17		
							18		
							19		
							20		

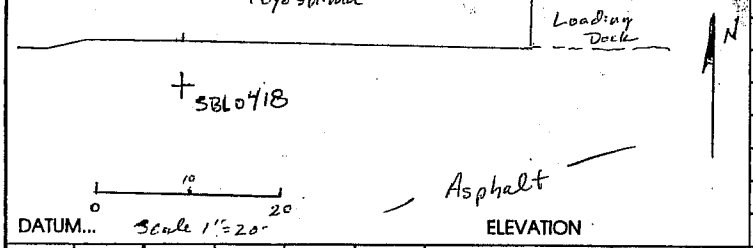
BY Mark Schmidt CHECKED BY DLM

DATE 9-4-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
Toyoshima	28906318.01000	Toyoshima APN 7351-34-74



DATUM... Scale 1"=20'

ELEVATION

DRILLING METHOD:	BORING NUMBER
~~Mod M25 vibratory hammer~~ Hand Auger to 5.1'	SBL0418
SAMPLING METHOD:	SHEET 1 OF ~~2~~ MW 1
~~1.5" acetate liner, mont's core~~ 2" Brass sleeve, manual drive	DRILLING START TIME 1100 DATE 9-4-03 / FINISH TIME 1205 DATE 9-4-03
SURFACE CONDITIONS: 0.25' Asphalt	

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
								SM	Very dark grayish brown (10YR, 3/2) silty fine-med. SAND w/ gravel
		1120	1.3-1.8		0.0	SSS01910	1		Black ashy/sooty material, strong sulfide odor (splinters as cinders)
							2	CL	Dark olive gray (5Y, 3/2) sandy CLAY w/ silt, moist, med stiff, heavily stained, moderate sulfide odor
							3	~~ve~~	Becomes Dark yellowish brown (10YR, 3/6), no staining or odor
							4		
							~~4~~ 5		
							6		~5.5' Boring completed to ~~6'~~ (refusal on concrete-like material)
							7		
							8		
							9		
							10		

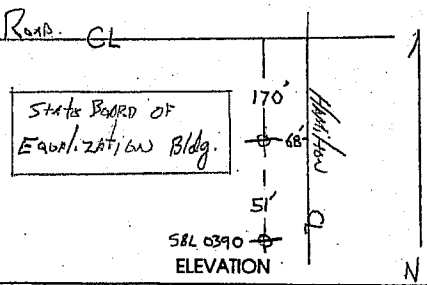
DRILLING CONTRACTOR Gregg

BY Mark Winek DATE 9-4-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING: Knox Road CL



DATUM...

JOB NUMBER: 28906318.01000

LOCATION: Arden 7351-33-24

DRILLING METHOD: Mud M25 Vibratory Hammer Mounted on an Ford F-550

BORING NUMBER: SBL 0419

SAMPLING METHOD: 1.5" Diameter Acetate Liner Continuous 2" Diameter Brass Ring

SHEET: 1 OF 2

DRILLING CONTRACTOR: Gregg Drilling Southern Division

SURFACE CONDITIONS: Asphalt Parking Lot

DRILLING START TIME: 08:30 DATE: 9-5-03

DRILLING FINISH TIME: 09:00 DATE: 9-5-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphaltic Concrete .25 Thick
								SW	Dark Brown Fine to Coarse Sand, Moist, Trace Fine Gravel, Hydrocarbon Odor Noted. (10YR3/3) Dark Gray Staining Noted.
							1	CL	Brownish Gray Lean Clay, Trace Fine Gravel, Moist, Stiff, No Unusual Odor. (10YR5/3 - N5) No Staining Noted.
		0829	1.5-2'			555 019 11			Dark Brown / Brownish Yellow Mottled. (10YR3/3-10YR6/8)
							2		Dark Brown (10YR3/3)
							3		
									Dark Brown / Brownish Yellow Mottled (10YR3/3-10YR6/8) Increasing Silt
							4		Medium Stiff
								ML	Brownish Yellow (Brown) Mottled Silt with Clay, Moist, No Unusual Odor (10YR6/8-10YR5/3) No Staining Noted.
							5		
									Gradational Change to Brownish Yellow (10YR6/8) to Brown (10YR5/3) Sandy Silt, Moist, No Staining, No Unusual Odors
							6	SM	
							7		
							8		
							9		
							10		

BY: Mike Makosky DATE: 9-5-03 CHECKED BY: DCM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	7351-JJ-24

DRILLING METHOD:	BORING NUMBER
	SBL 0419
SAMPLING METHOD:	SHEET
1.5" Diameter, Acetate Liner Continuous	2 OF 2
2" Brass Sleeves - Manual Drive	DRILLING

DATUM... ELEVATION

SURFACE CONDITIONS:	START	FINISH
	TIME	TIME
	08:30	09:00
	DATE	DATE
	9-5-03	9-5-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	SM
							1	
							2	
							3	
							4	
							5	
							6	XXX
							7	
							8	
							9	
							10	

Brownish Yellow (10YR6/8) To Brown (10YR5/3) Sandy Silt, Moist, No Odors, No Staining.
↳ Trace Clay.
- Light Brown (10YR6/3) Sandstone Fragment, Rounded.

Brownish Yellow (10YR6/8) Silty Fine Sand, Moist, No Unusual Odors, No Staining.

Boring Completed at 16' BGS.

BY Mike Anderson
DATE 9-5-03 CHECKED BY PDM

DAMES & MOORE