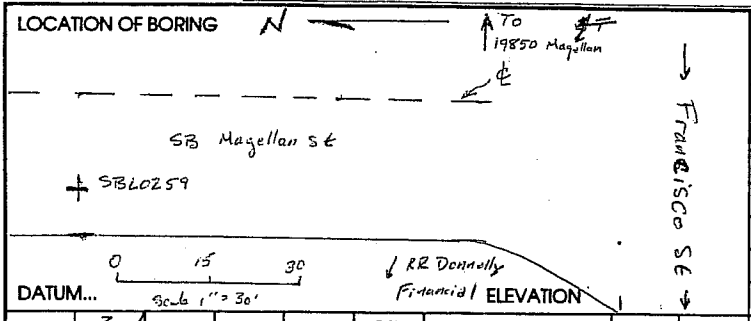
BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	SB Magellan St

DRILLING METHOD:	BORING NUMBER
Marl M25 DP, vibratory hammer	SBL0259
SAMPLING METHOD:	SHEET
1.5" Acetate sleeves	1 OF 2

SURFACE CONDITIONS:

0.2' Acetate sleeves

DRILLING	START	FINISH
TIME	1050	1140
DATE	4-15-03	4-15-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
		1050					0	A/C	Asphalt
								SC	Very dk grayish-brown (2.5Y, 3/2) clayey SAND w/ gravel & silt
							1		
		~~1105~~			0.4 ~~0.4~~	~~SSS01690~~ MW	2	CL	Very dark grayish-brown (2.5Y, 3/2) sandy CLAY w/ silt and trace gravel
							3		
	4.0 / 1.5	1124					4		
					35.8		5		- Becomes dk grayish-brown (2.5Y, 4/2) moderate volatile odor
	~~4.0~~	~~1121~~			2.5 ~~0.5~~		6		
							7	SC	Dark gray (5Y, 4/1) ~~clay~~ very fine SAND w/ clay & some silt, light HC odor
	4.0 / 1.4	1134			2.6		8		
									- Becomes olive-brown (2.5Y, 4/4)
					13.3 ~~100~~ MW		9		
							10		

BY Mark Wanek DATE 4-15-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

BY Mark Wheeler CHECKED BY Dan

DATE 4-15-03

JOB NUMBER	LOCATION
28906318.0100 0	SB Magellan St

DRILLING METHOD:	BORING NUMBER
Marl M25 DP, vibratory hammer	SBL0259
SAMPLING METHOD:	SHEET
1.5" Acetate sleeves	2 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.2' Asphalt	1050	1140
	DATE 4-15-03	DATE 4-15-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SC
							11	CL
	4.0 / 3.8	1138			2.4		12	
							13	
							14	
					23.3			
							15	
		1138				SS501690		
					100			
							16	
							17	
							18	
							19	
							20	

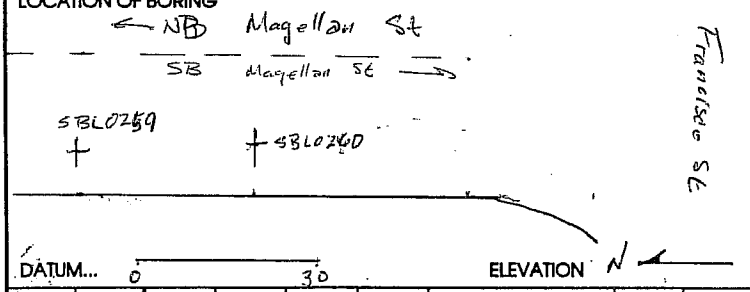
11 - Olive-gray (5Y, 4/2) silty CLAY w/ very fine sand, no apparent HC odor, damp-moist, stiff

- Moderate HC odor
- Because gravelly from ~ 14.6 - 14.8'

Boring completed to ~16' on 4-15-03

BORING LOG

LOCATION OF BORING



DATUM... 0 30 ELEVATION N

JOB NUMBER	LOCATION
28906318.01000	SB Magellan St

DRILLING METHOD:	BORING NUMBER
Marl M25 DP, vibratory hammer	SBL0260
SAMPLING METHOD:	SHEET
1.5" Acetate sleeves	1 OF 2

SURFACE CONDITIONS: ~0.2 Asphalt

DRILLING	START	FINISH
TIME	1154	1306
DATE	4-15-03	4-15-03

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		
								SC	Very dk grayish-brown (2.5Y, 3/2) clayey fine SAND w/ silt, & trace gravel
							1		
					0.5		2	CL	Dark olive-brown (2.5Y, 3/3) ~~s~~ fine sandy CLAY w/ little silt, damp, ~~st~~ med. stiff
									- Becomes gravelly from ~2 - 2½'
		1320	3.3-3.8		118	SSS01691	3		- faint to moderate volatile odor
					112		4		- Becomes olive-gray (5Y, 4/2), moderate volatile odor
	4.0 / 3.2	1248			218				
							5		
					0.7		6		- Becomes olive-brown (2.5Y, 4/3) no volatile odor - trace gravel from ~6.1 - 6.2'
					1.6				- Becomes dk yellowish-brown (10YR, 4/6)
							7	SC	Dk yellowish-brown (10YR, 4/6) and olive-brown (2.5Y, 4/3) clayey fr. very fine - fine SAND
	4.0 / 3.6	1252			17.6		8		- Becomes olive-brown (2.5Y, 4/4), few root casts
							9		
					5.2		10		- Becomes olive-gray (5Y, 4/2), faint volatile odor

BY Mark Wanek CHECKED BY DLM

DATE 4-15-03

BORING LOG

LOCATION OF BORING

DATUM... ELEVATION

JOB NUMBER	LOCATION
289063i8.01000	SB Magellan St

DRILLING METHOD:	BORING NUMBER
Mavl M25 DP, vibratory hammer	SBL0260

SAMPLING METHOD:	SHEET
1.5" Acetate sleeves	2 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
~0.2' Asphalt	1154	1306
	DRILLING START DATE: 4-15-03	DRILLING FINISH DATE: 4-15-03

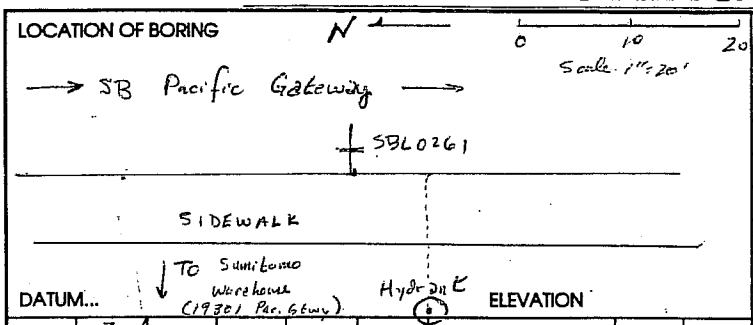
DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SC	
					5.2				- root casts/burrows from ~10.4 - 11.1'
							11		
					4.2				- ~0.1' silty gravel
							12		
	4.0 / 3.5	1256			17.6				- Becomes very fine sand, increased silt
							13		~0.05'
									- trace gravel from at ~13.3'
					10.1		14		
					60.0		15		- Volatile odor becomes increased to moderate
							16		
									Boring completed to ~16' on 4-15-03
							17		
							18		
							19		
							20		

BY Mark Wanek DATE 4-15-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING



JOB NUMBER	LOCATION
28906318.01000	SB Pacific Gateway

DRILLING METHOD:	BORING NUMBER
Mar I M25 DP, vibratory hammer	SBL0261
SAMPLING METHOD:	SHEET
1.5" Acetate sleeves	1 OF 2
	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME: 1455 / 1600
0.2' Asphalt	DATE: 4-15-03 / 4-15-03

DRILLING CONTRACTOR Gregg

BY Mark Wanek CHECKED BY Dum DATE 4-15-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0		Asphalt
								GC	Black & very dk grayish-brown (10YR 3/2) clayey GRAVEL w/ fine sand and silt
							1		
		1500			3.3	SSS01692			
							2		
								CL	Dark yellowish-brown (10YR, 4/4) sandy CLAY, moist, med. stiff
							3		
	4.0 / 2.0						4		
							5		
							6		
							7		
							8		- Becomes darker (10YR, 3/6)
	4.0 / 1.4		1548		0.4				
							9		- ~~Evidence of~~ laminations from ~8.7-9.2'
					1.1				
							10		

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	SB Pacific Gateway

DRILLING METHOD:	BORING NUMBER
Marl M25 DP, vibratory hammer	SBL0261

SAMPLING METHOD:	SHEET
1.5" acetate sleeves	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.2' Asphalt	1455	1600
	DATE 4-15-03	DATE 4-15-03

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	SC	
							11	SM	
	4.0 / 2.2	1555			0.1		12		Dk yellowish-brown (10 YR, 3/4) silty very fine SAND, ~~damp~~ moist, med dense w/ trace clay
							13		root casts / burrows
									- trace granitic pebbles
					0.1		14		
							15		
							16		Boring completed to ~16' on 4-15-03
							17		
							18		
							19		
							20		

BY Mark Wanek CHECKED BY DCM

DATE 4-15-03

BORING LOG

LOCATION OF BORING: SB Pacific Gateway

SBL0262 + SBL0261 +

SIDEWALK

DATUM... Scale 1"=20' (0 to 20) ELEVATION ↓ TO SUMITOMO Warehouse

JOB NUMBER	LOCATION
28906318.01000	SB Pacific Gateway

DRILLING METHOD:	BORING NUMBER
Mar/ M25 DP, vibratory hammer	SBL0262
SAMPLING METHOD:	SHEET
1.5" Acetate sleeves	1 OF 2
	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME: 1610 / 1755
0.2' Asphalt	DATE: 4-15-03 / 4-15-03

DRILLING CONTRACTOR Gregg

BY Mark Daniels DATE 4-15-03 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	
								SW
							1	
							2	
								SC
		1655			0.1	SS501693	3	
	4.0 / 1.3	MW 1730					4	
							5	
					0.1			
							6	
					0.1		7	
	4.0 / 1.3	1730 MW						
							8	
					0.1			
							9	
							10	

Asphalt

Very dark grayish-brown (10 YR, 3/2) ~~very~~ very fine-coarse, SAND w/ gravel & silt, damp, very dense

Dark yellowish-brown (10 YR, 4/6) clayey mod. fine SAND w/ some silt, moist, dense

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	SB Pacific Gateway

DRILLING METHOD:	BORING NUMBER
Mobil M25 DP, vibratory hammer	SBL0267
SAMPLING METHOD:	SHEET
1.5" acetate sleeves	2 OF 2

DRILLING CONTRACTOR Gregg

DATUM... ELEVATION

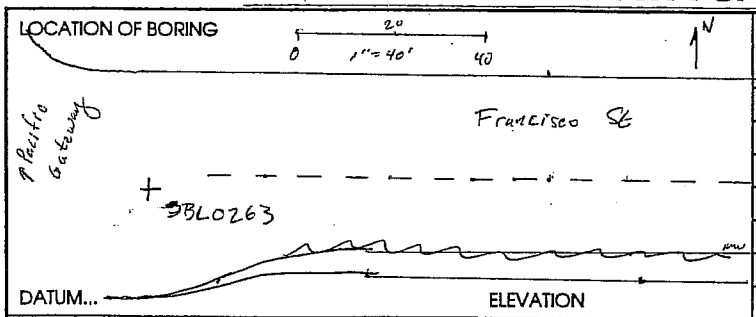
SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
~0.2' Asphalt	1610	1755
	DATE 4-15-03	DATE 4-15-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SC	
	2.0 / 1.4	1740			0.1		11	SM	Dark yellowish-brown (10YR 4/6) silty very fine SAND, damp, med. dense
							12		- Becomes brownish-yellow (10YR, 6/8), decreasing silt to ~15'0
					0.1				
	2.0 / 1.2	1745			0.1		13		- Becomes dark yellowish. brown (10 YR, 4/6), increasing silt, rock cents
							14		
					0.1				
							15		Boring completed to ~15' on 4-15-03
							16		
							17		
							18		
							19		
							20		

BY Mark Wimer DATE 4-15-03 CHECKED BY DW

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	28906318.01000
LOCATION	Francisco St
DRILLING METHOD:	Geoprobe, vibratory hammer
BORING NUMBER	SBL0263
SAMPLING METHOD:	1.5" Acetate sleeves
SHEET	1 OF 2
SURFACE CONDITIONS:	~0.2' Asphalt
DRILLING START TIME	0835
DRILLING FINISH TIME	1040
DATE	4-16-03
DATE	4-16-03

DRILLING CONTRACTOR KTIE

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/ silt and gravel, little clay, damp, dense
							1		
		0928			0.6	SSS 01694	2	CL	Olive-brown (2.5Y, 4/4) sandy CLAY w/ silt, damp, med. dense
							3		
	4.0 / 3.0	0953					4		
					0.5		5		
					0.3		6		-trace gravel and coarse sand
									-dk brown (10YR, 3/3) clay lenses ~0.1" thick
		1003			0.7	SSS01695	7		-root casts & burrows
								SM	Olive-brown (2.5Y, 4/4) silty very fine SAND w/ trace clay, damp, med. dense, root casts
	4.0 / 3.8				0.9		8		
							9		
									- Gypsite as light pale yellow silt
									- Becomes dense
					0.3		10		-trace gravel from ~10.2 - 10.3'

BY Mark Wanek CHECKED BY DLM

DATE 4-16-03

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER: 289~~016~~ 06318.01000

LOCATION: Francisco St

DRILLING METHOD: Geoprobe, vibratory hammer

BORING NUMBER: SBL0263

SAMPLING METHOD: 1.5" acetate sleeves

SHEET 2 OF 2

SURFACE CONDITIONS: ~0.2' Asphalt

DRILLING

START	FINISH
TIME 0835	TIME 1040
DATE 4-16-03	DATE 4-16-03

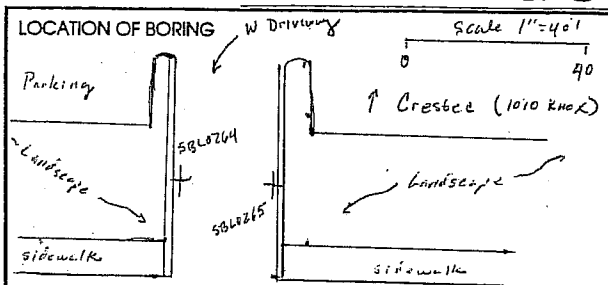
DRILLING CONTRACTOR KT&E

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	
									- Becomes increased clay
							11		
					0.6				- Becomes no clay
	4.0 / 3.1	1035			0.4		12		- Becomes trace clay
							13		- decreased root casts, trace gravel from ~13.0-13.5'
					0.4				- no clay, increased root casts
							14		
					0.4		15	~~SC~~ MW CL	Olive-brown (2.5Y, 4/3) silty ~~sandy~~ CLAY w/ fine very-sand ~~silty~~ moist, stiff.
							16		Boring completed to ~16' on 4-16-03
							17		
							18		
							19		
							20		

BY Mark Wauch

DATE 4-16-03 CHECKED BY DW

BORING LOG



DATUM... KNOX ST ELEVATION

JOB NUMBER	LOCATION
28906318.01000	1010 Knox St

DRILLING METHOD:	BORING NUMBER
Geoprobe, continuous core, vibrating hammer / manual drive sampler	SBL0264
SAMPLING METHOD:	SHEET
1.5" acetate sleeves & 2" brass sleeves	1 OF 2
SURFACE CONDITIONS:	DRILLING START TIME 1130 DATE 4-16-03; FINISH TIME 1340 DATE 4-16-03
0.1' Asphalt	

DRILLING CONTRACTOR KTIE

BY Mark Wanek DATE 4-16-03 CHECKED BY DCM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0		Asphalt
								SC	Dark yellowish-brown (10 YR, 4/6) clayey fine SAND w/ silt, wet, med. dense
							1		
					1.1		2		
							3		
	4.0 / 2.7	1152					4		
					0.4		5	CL	Dark brown (10 YR, 3/3) sandy CLAY w/ silt Moist - wet, med. st-ff
							6		- Becomes dark yellowish-brown (10 YR, 3/4) and dark brown (10 YR, 3/3)
					0.3				Trace gravel
							7		
	4.0 / 2.0	1215					8		
					0.7				(5 Y, 4/2)
					5.7		9		- Becomes olive-gray, at ~ 8.5-8.6'
		1311				SS501696			- Becomes very dk gray (5 Y, 3/1), strong petroleum odor, staining
					0.5		10		- Trace gravel
									- Cobbles to 1.5" diam.

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER: 28906318.01000

LOCATION: 1010 Knox St

DRILLING METHOD: Geoprobe, continuous core vibratory hammer

BORING NUMBER: SBL0264

SAMPLING METHOD: 1.5" acetate liner

SHEET: 2 OF 2

DRILLING

START	FINISH
TIME 1130	TIME 1340
DATE 4-16-03	DATE 4-16-03

SURFACE CONDITIONS: Approx. 0.1' asphalt

DRILLING CONTRACTOR: KT&E

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.5		10	CL	
							11		
	4.0 / 2.3	1330			3.7		12		- Becomes dark olive-brown (2.5Y, 3/3) and dk yellowish-brown (10YR, 3/6), decreased staining, faint odor - Becomes ~~[illegible]~~ little gravel
					1.1		13		- Becomes dk olive-gray (5Y, 3/2) and dk yellowish-brown - Granitic cobbles to ~0.2', moderate petroleum staining
					8.9		14		- becomes olive-gray (5Y, 4/2), increased odor & staining
							15		
							16		Boring completed to ~16' on 4-16-03
							17		
							18		
							19		
							20		

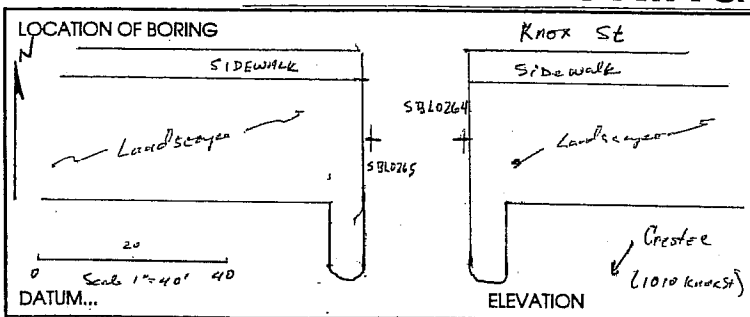
BY: Mark Wencke

DATE: 4-16-03

CHECKED BY: DLW

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	1010 Knox St

DRILLING METHOD:	BORING NUMBER
Geoprobe, vibratory hammer	SBL0265

SAMPLING METHOD:	SHEET
1.5" Acetate sleeves, 2" brass sleeves / manual drive sampler	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.1' Asphalt	1140	1245
	DATE 4-16-03	DATE 4-16-03

DRILLING CONTRACTOR KT & E

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
								SC	Dark yellowish-brown (10YR, 4/6) clayey fine SAND w/ silt, wet, med. dense
							1		
					0.4		2		
							3		
	4.0 / 1.7	1210			0.6		4		- Becomes moist
					2.2		5		
					0.1			CL	Dark yellowish-brown (10YR, 3/6) and very dark grayish-brown (10YR, 3/2) Silty CLAY w/ fine and very fine sand, moist med. stiff
							6		
							7		
	4.0 / 2.5	1222			4.5		8		- Becomes very dark brown (10YR, 2/2) w/ moderate petroleum odor
									- Becomes very dk grayish-brown (2.5Y, 3/2), stiff
							9		- Becomes dark grayish-brown (10YR, 4/2)
					7.1				- Becomes very dark brown (10YR, 2/2), sandy w/ gravel
									- Becomes black (10YR 2/1), increased gravels stronger HC odor
		1222			1.1	SSS01697	10		

BY Mark Wenck

DATE 4-16-03

CHECKED BY [signature]

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	1010 Knox St

DRILLING METHOD: Geoprobe, vibratory hammer/ hand auger

BORING NUMBER: SBL0265

SAMPLING METHOD: 1.5" acetate sleeves, 2" brass sleeves/ manual drive sampler

SHEET 2 OF 2

SURFACE CONDITIONS: 0.1' Asphalt

DRILLING	START	FINISH
TIME	1140	1245
DATE	4-16-03	4-16-0

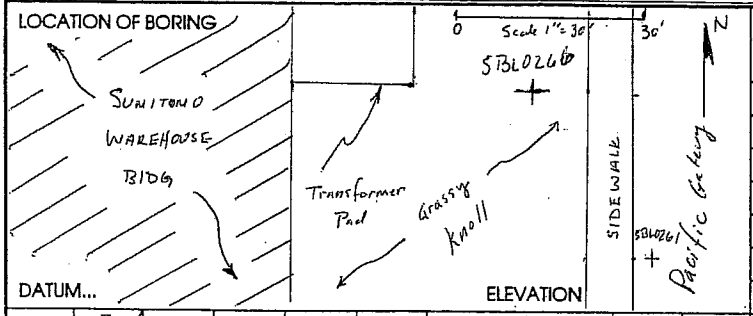
DRILLING CONTRACTOR KT'E

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	CL	
		1222			1.1	SSS01697			
							11		
							12		
	4.0 / 1.7	1237			0.1				- Becomes brown (10YR, 4/3) w/ no apparent petroleum odor or staining.
					0.1				- Becomes trace gravel, black organics
					0.4		13	SM	~~Becomes dark~~ mw Dark yellowish-brown (10YR, 4/6) silty fine SAND w/ little clay
							14		-Becomes gravelly w/ ~~cobbles~~ denuded granitic cobbles to ~0.15' diam.
							15		
							16		Bring completed to ~16' on 4-16-03
							7		
							8		
							9		
							0		

BY Mark Wanek

DATE 4-16-03 CHECKED BY DUM

BORING LOG



JOB NUMBER	LOCATION
289063.18.01000	Pacific Gateway

DRILLING METHOD:	BORING NUMBER
Hand auger / Geoprobe - vibrating hammer continuous core	SBL0266
SAMPLING METHOD:	SHEET 1 OF ~~X~~ 1
1.5" Acetate liners	DRILLING START TIME 1500 DATE 4-16-03 / FINISH TIME 1550 DATE 4-16-03
SURFACE CONDITIONS: Grass / Landscaping	

DRILLING CONTRACTOR KT & E

BY Mark Wanek DATE 4-16-03 CHECKED BY DWM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	SC
							1	
							2	
		1553			0.7	BSS01698	3	
							4	
							5	
							6	
							7	
							8	
							9	
							10	

Brown (10YR, 3/3) clayey fine SAND w/ gravel, moist, loose, grass & roots (fill)

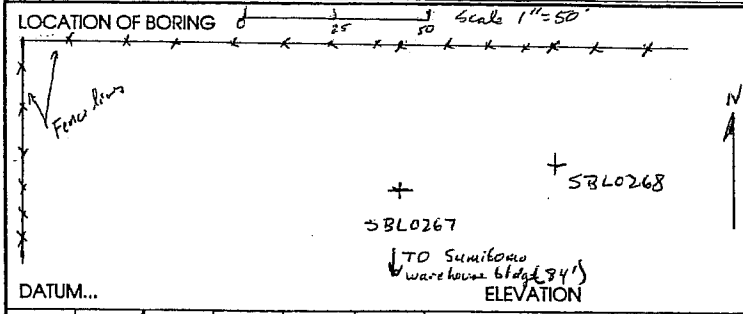
- cobbles to ~ 0.2' diameter, no grass or roots

- Becomes very dense, large cobbles

Boring completed to ~ 4.2' on 4-16-03 (refusal)

BORING LOG

LOCATION OF BORING — Scale 1"=50'



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-37-7

DRILLING METHOD: ~~Geoprobe~~ hand auger and manual drive sampler

BORING NUMBER: SBL0267

SAMPLING METHOD: 2" Brass Sleeves, manual drive sampler

SHEET 1 OF ~~2~~ 1

SURFACE CONDITIONS: ~ 0.25' Asphalt

DRILLING START TIME: 0735 DATE: 4-17-03

DRILLING FINISH TIME: 0800 DATE: 4-17-03

DRILLING CONTRACTOR KTIE

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
		0754			0.3	SS501699	0	Asph.
							1	CL
							2	MW
							3	
							4	
							5	
							6	
							7	
							8	
							9	
							0	

Asphalt

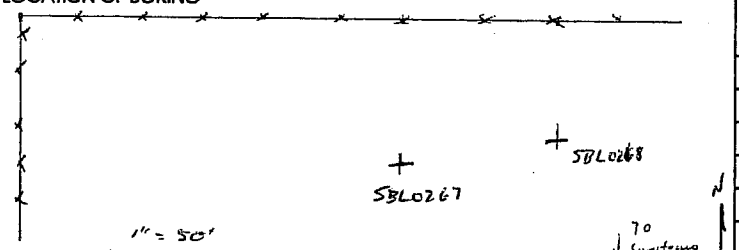
Dark reddish-brown (5YR, 3/2) sandy CLAY w/ gravel and silt

Boring completed to ~2.2' on 4-17-03

BY Mark Wanek DATE 4-17-03 CHECKED BY DW

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28706318.01000	APN 7351-31-7

DRILLING METHOD:	BORING NUMBER
Manual drive sampler — Hand auger	SBL0268
SAMPLING METHOD:	SHEET 1 OF 2
2" Brass sleeve	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME: 0820 / 0845
~0.25' Asphalt	DATE: 4-17-03 / 4-17-03

DRILLING CONTRACTOR KTE

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	
		0824			0.3	SS601700	2	
						~~SS601702~~ dup		
							3	
							4	
							5	
							6	
							7	
							8	
							9	
							0	

A/C Asphalt

CL Dark brown (7.5YR, 3/2) and brown (7.5YR, 5/4) silty CLAY w/ little sand and fine gravel

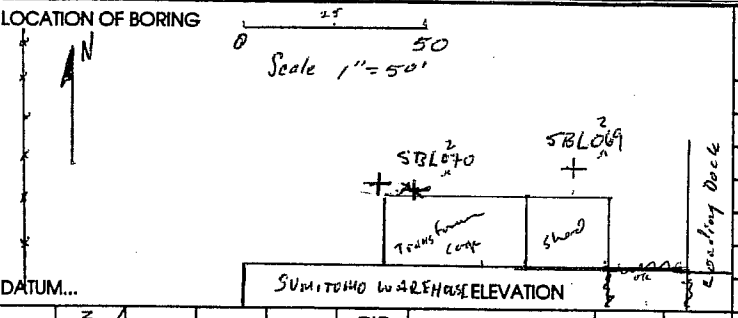
Boring completed to ~2.1' on 4-17-03

BY Mark Wanek CHECKED BY Pm

DATE 4-17-03

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	LOCATION
~~A2~~ 28906318.01000	APN 7351-31-7

DRILLING METHOD:	BORING NUMBER
Hand auger / Manual drive sampler	SBL0269
SAMPLING METHOD:	SHEET 1 OF ~~2~~ 1
2" brass sleeves, manual drive sampler	

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
~ 0.25' Asphalt	0855	0942
	DATE 4-17-03	DATE 4-17-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C ~~G/C~~	Asphalt
								~~G/C~~ GW	Very dark grayish-brown (10 YR, 3/2) sandy GRAVEL w/ silt & little clay
							1		
		0932			3.1	SSS01701	2		
									Boring completed to ~2.1' on 4-17-03
							3		
							4		
							5		
							6		
							7		
							8		
							9		
							10		

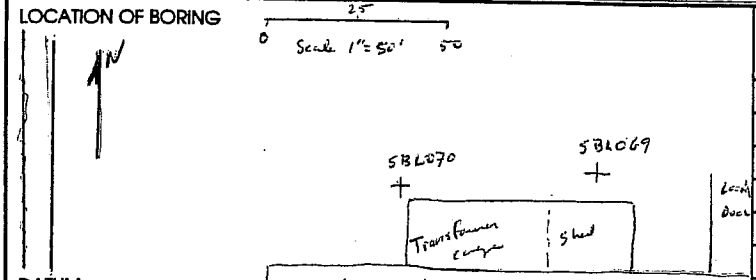
DRILLING CONTRACTOR KT & E

BY Mark Wauck

DATE 4-17-03 CHECKED BY DUM

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906357.01000	APN 7351-31-7

DRILLING METHOD:	BORING NUMBER
Hand auger, manual drive sampler	SBL0270
SAMPLING METHOD:	**SHEET**
2" Brass sleeves, manual drive sampler	1 OF 1
SURFACE CONDITIONS:	**DRILLING** START TIME 1010 DATE 4-17-03; FINISH TIME 1040 DATE 4-17-03
~0.25' Asphalt	

DRILLING CONTRACTOR K.T.E

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
		1035			0.8	SSS01702	0	A/C
							1	SM
							2	
							3	
							4	
							5	
							6	
							7	
							8	
							9	
							10	

Asphalt

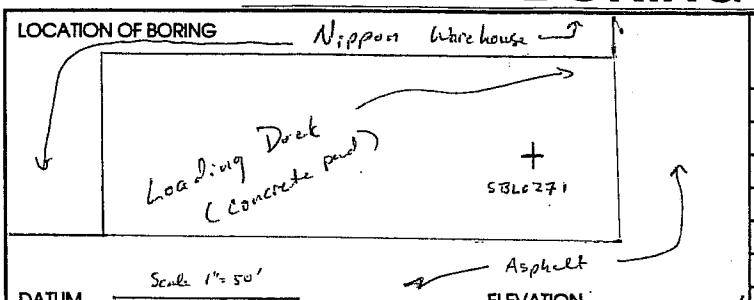
Very dark grayish brown (10YR, 3/2) ~~very~~ silty very fine to coarse SAND and gravel

Boring completed to ~2.2' on 4-17-03

BY Mark Wanek DATE 4-17-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING — Nippon Warehouse



JOB NUMBER	LOCATION
28906318.01000	APN 7351-33-9

DRILLING METHOD:	BORING NUMBER
Geoprobe, vibratory hammer	SBL0271
SAMPLING METHOD:	SHEET
1.5" acetate sleeves	1 OF 2
	DRILLING
SURFACE CONDITIONS:	START / FINISH
0.25' Concrete	TIME: 1135 / 1245
	DATE: 4-17-03 / 4-17-03

DRILLING CONTRACTOR KTIE

BY Mark Wanek DATE 4-17-03 CHECKED BY DCM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	Asphalt
	4.0 / 3.9				1.8			SC	Olive-brown (2.5Y, 4/4) clayey fine SAND, damp, dense
					0.2 NW			CL	Very dk brown (10YR 2/2) CLAY w/ some sand & silt, damp, very stiff (FILL)
							1		→ Becomes gravelly
					0.7				Brown, decreased gravel, dk yellowish-brown (10YR 4/6)
							2		- Becomes olive-brown, dk brown, & dk yellowish brown mottled, increased gravel
							3		
					1.4				
	4.0 / 2.1	1153			3.6	SSS01703	4	SC	~~Becomes~~ Light brownish-gray (10YR 6/2) clayey GRAVEL w/ little sand, sharp contact ~~to native~~ from fill to native
							5	SM	Very dark brown (10YR, 2/2) silty, very fine SAND, damp, med dense, slight organic or volatile odor
					3.6				- Becomes dk yellowish-brown (10YR 3/6) mottled w/ dk brown (10YR, 3/3)
					0.5		6		
							7		
							8		- ~0.2' lens of very dark greyish-brown (10YR, 3/2) sandy clay
	4.0 / 3.1	1211			0.7				- Becomes brown (10YR, 4/3)
							9		- Trace gravel from ~8.8-9.0'
					1.4				- Becomes trace clay, fine sand, dk yellowish brown (10YR, 3/6)
							10		

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-33-9

DRILLING METHOD: Geoprobe, vibratory hammer

BORING NUMBER: SBL0271

SAMPLING METHOD: 1.5" dcetate sleeves

SHEET: 2 OF 2

DRILLING: START TIME 1135, FINISH TIME 1245; START DATE 4-17-03, FINISH DATE 4-17-03

DATUM... ELEVATION

SURFACE CONDITIONS: ~0.25' Concrete

DRILLING CONTRACTOR KTIE

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
					0.4		11	
							12	
	4.0 / 2.1	1235			0.7			
					1.0			
							13	
		1235				SSS01704		
					0.9			
							14	
							15	
							16	
							17	
							18	
							19	
							20	

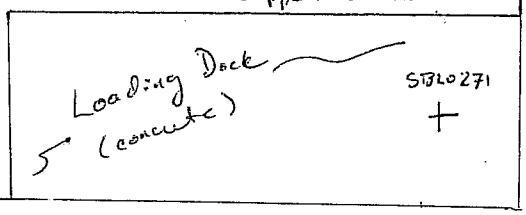
- Becomes interbedded w/ ~0.03' very dk grayish-brown (10YR 3/2) silty very fine sand from ~12.5 - 12.8'
  - Becomes dark brown (10 YR 3/3)

Boring completed to ~16' on 4-17-03

BY Mark Wawrek DATE 4-17-03 CHECKED BY Dunn

BORING LOG

LOCATION OF BORING: Nippon Warehouse



DATUM... Scale 1" = 50'

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-33-9

DRILLING METHOD:	BORING NUMBER
Geoprobe, vibratory hammer	SBL0272 ~~SBL0270~~ mw

SAMPLING METHOD:	SHEET
1.5" acetate sleeves	1 mw ~~X~~ OF 2

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
~0.25' Asphalt	TIME 1415	TIME 1530 ~~1535~~
	DATE 4-17-03	DATE 4-17-03

DRILLING CONTRACTOR KT & E

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	~~Arm~~ Asphalt
	4.0 / 3.8	1426			0.6			CL	Olive-gray & very dark gray (5Y, 4/2 & 5Y, 3/1, resp. sandy CLAY w/ silt and gravel to ~0.1' diam. sand very fine - very coarse, damp, very stiff (FILL
							1		→ Becomes smaller gravel size (to pea gravel size)
									- Becomes mottled w/ dark yellowish-brown (10YR, 4/
					0.6		2		
									- Becomes dark brown (7.5YR, 3/2) mottled w/ very dark grayish-brown (10YR, 3/2)
							3	SC	
					0.7				Olive-brown (2.5Y, 4/4) mottled w/ very dark grayish-brown (10YR, 3/2) ~~clay~~ fine SAND w/ clay and ~~little~~ some silt (FILL)
	4.0 / 3.3	1438			1.0 ~~0.3~~	SSS01705	4	SM	→ Becomes mottled w/ olive-gray (5Y, 4/2) increased silt
									→ Dark ~~yellowish~~-brown (10YR, ~~3/6~~ 3/3) silty very fine SAND, damp, med. dense, uniform in color and consistency (NATIVE)
							5		- Becomes dark yellowish-brown (10YR, 3/6) w/ root casts &/or burrows
					0.4 ~~0.6~~		6		- Becomes trace clay
					0.4		7		
	4.0 / 2.7	1454			0.7		8		
							9		
									- Becomes yellowish-brown (10YR, 5/8), fine sand mottled/interbedded w/ dk yellowish-brown (10YR, 3/6)
					0.3		10		

BY Mark Wanek CHECKED BY DWM

DATE 4-17-03

BORING LOG

LOCATION OF BORING

DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-33-9

DRILLING METHOD:	BORING NUMBER
Geoprobe, vibratory hammer	0272 SBL0215mw
SAMPLING METHOD:	SHEET
1.5" Acetate sleeves	2 OF 2
	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME: 1415 / 1530
~0.25' Asphalt	DATE: 4-17-03 / 4-17-03

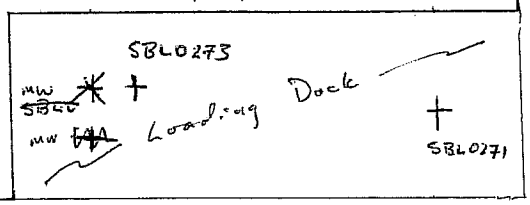
DRILLING CONTRACTOR KT & E

BY Mark Wanek DATE 4-17-03 CHECKED BY DLM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.3		10	SM	
					0.6		11		
							12		
	4.0 / 2.8	1520			0.3				- Becomes wet
							13		- Becomes damp
					0.6				- Becomes yellowish-brown (10YR 5/6) no root casts or burrows, dense
		1520			0.3	SSS01706	14		
									- Becomes light yellowish-brown (2.5Y, 6/4), very dense
							15		
							16		
									Boring completed to ~16' on 4-17-03
							17		
							18		
							19		
							20		

BORING LOG

LOCATION OF BORING: Nippon Warehouse



DATUM...

ELEVATION

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-33-9

DRILLING METHOD: Geoprobe, vibratory hammer

BORING NUMBER: 0273 SBL~~0268~~mw

SAMPLING METHOD: 1.5" Acetate sleeves

SHEET 1 ~~2~~ OF 2

SURFACE CONDITIONS: ~0.25' ~~As~~ mw concrete

DRILLING: START TIME 1550 DATE 4-17-03; FINISH TIME ~~1550~~ 1780 DATE 4-17-03

DRILLING CONTRACTOR: K T & E

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
	4.0 / 1.0	1602			0.2			CL	Very dark grayish-brown (10YR, 3/2) and dark yellowish-brown (10YR, 4/6) sandy CLAY w/ silt and some gravel
							1		
							2		
							3		
	4.0 / 3.9	1618			0.3		4		
								SM	Olive (5Y, 4/3) silty very fine-fine SAND damp, med. dense, faint traces of root casts/burrows, moderate ammonia-like odor (NATIVE
		1622			0.6	SSS01707	5		
							6		
							7		
					0.8				- Becomes light olive-brown (2.5Y, 5/4), strong propane-like odor
	4.0 / 3.9	1639			0.8		8		- no apparent evidence of bioturbation
							9		
							10		- Becomes ~~dark~~ olive-brown (2.5Y, 4/3)
					1.7				

BY Mark Wanek CHECKED BY DLM

DATE 4-17-03

BORING LOG

LOCATION OF BORING

JOB NUMBER 28906318.01000

LOCATION APN 7351-33-9

DRILLING METHOD: Geoprobe, vibratory hammer

BORING NUMBER 0273 SBL~~0264~~

SAMPLING METHOD: 1.5" acetate sleeves

SHEET 2 OF 2

DRILLING START TIME 1550 DATE 4-17-03 FINISH TIME 1730 DATE 4-17-03

SURFACE CONDITIONS: 0.25' Concrete

DATUM... ELEVATION

DRILLING CONTRACTOR KTIE

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
					1.7		10	SM
							11	
					2.5		12	
	4.0 / 2.6	1656			1.5			
					0.4		13	
					0.4	SSS01708	14	
					2.8			
							15	
							16	
							17	
							18	
							19	
							20	

- Becomes light olive-brown (2.5Y, 5/4) uniform in color and grain size

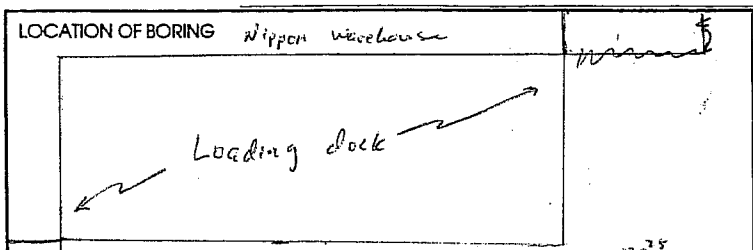
Boring completed to ~16'

on 4-17-03

BY Mark Wanek DATE 4-17-03 CHECKED BY DWN

BORING LOG

LOCATION OF BORING Nippon Warehouse



DATUM...

JOB NUMBER	LOCATION
289063 18.01000	APN 7351-33-9

DRILLING METHOD: Geoprobe, direct push hammer

BORING NUMBER: SBL0274

SAMPLING METHOD: 1.5" acetate sleeves

SHEET: 1 OF 2

DRILLING CONTRACTOR KTGY

SURFACE CONDITIONS: 20.25' Asphalt

DRILLING START TIME	DRILLING FINISH TIME
0730	0900
DRILLING START DATE	DRILLING FINISH DATE
4-18-03	4-18-03

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 / 3.2				0.1			CL	Very dark gray (2.5Y, 3/1) and very dark grayish brown (2.5Y, 3/2) sandy CLAY w/ gravel and silt, wet, med. stiff
							1		L wood fragments
									- Becomes black, very ~~dense~~ stiff
							2		- brick fragments
		0745			0.1	SSS01709			- Becomes very dark grayish-brown (7.5Y, 3/2) paper fragments
							3		
					0.3				carbon black - Becomes black (2.5Y, 2.5/1), wet, ~~tar~~ black appearance
	9.0 / 3.5				0.1		4		- Becomes olive (7.5Y, 4.5/3), ~~dry~~ some sand, damp
									- Becomes mottled w/ black (possibly root casts), sandy
							5		
								SC	Olive-gray (5Y, 4/2) clayey fine SAND w/ silt damp, very dense, faint organic odor
					0.1		6	SM	olive-gray (5Y, 4/2) silty fine SAND w/ ~~little~~ trace clay
									- Becomes little clay
							7		
					0.1				
							8		
	4.0 / 3.8				0.1				- Becomes olive (5Y, 4/3), trace clay, root casts apparent
							9		- Becomes olive & olive-gray, moist
							10		
					0.3				

BY Mark Wenck DATE 4-18-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING

JOB NUMBER: 2890618.01000

LOCATION: APN 7351-33-9

DRILLING METHOD: Geoprobe w/ Vibratory hammer

BORING NUMBER: SBL0274

SAMPLING METHOD: 1.5" Acetate sleeves

SHEET: 2 OF 2

DRILLING CONTRACTOR KT + E

DATUM... ELEVATION

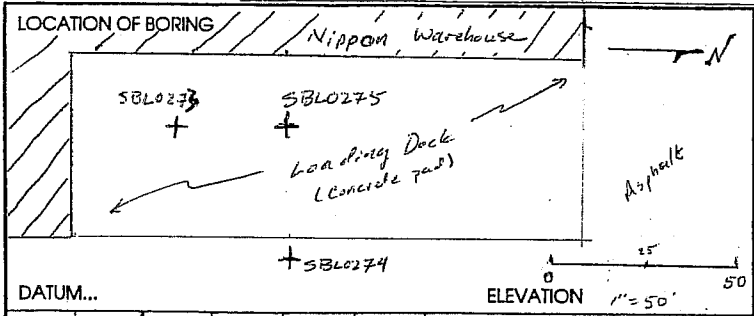
SURFACE CONDITIONS: ~0.25' Asphalt

DRILLING START TIME	DRILLING FINISH TIME
0730	0900
DRILLING START DATE	DRILLING FINISH DATE
4-18-03	4-18-03

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		
					0.1				- Becomes no clay
	4.0 / 3.8				0.1		12		- Becomes olive-gray (5Y, 4/2)
								SP	
							13		Olive-gray (5Y, 5/2), ~~with~~ fine to med. SAND w/ trace silt, moist, dense
					0.4				~0.1' lens of very silty fine sand olive (5Y, 5/3)
							14	SM	
									Olive-gray (5Y, 4/2) silty very fine-fine SAND, moist, dense
		0850			0.7	SS501710	15		~~- Becomes green (5Y, 4/4)~~ Changes shades of olive to 5Y, 4/4
							16		Boring completed to ~16' on 4-18-03
							17		
							18		
							19		
							20		

BY Mark Wanek DATE 4-18-03 CHECKED BY DLM

BORING LOG



JOB NUMBER	LOCATION
289063 18.01000	APN 7351-33-9

DRILLING METHOD:	BORING NUMBER
Geoprobe vibratory hammer	SBL0275
SAMPLING METHOD:	SHEET
1.5" Acetate sleeves	1 OF 2

DRILLING	START	FINISH
TIME	0915	1200
DATE	4-18-03	4-18-03

SURFACE CONDITIONS: ~ 0.25' Concrete

DRILLING CONTRACTOR KT & E

BY Mark Unruh DATE 4-18-03 CHECKED BY DUM

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
	4.0 / 2.6	0937			0.3			CL	Very dark gray (2.5Y, 3/1) and dark yellowish-brown (10YR, 3/4) & very fine sandy CLAY w/ silt and gravel, wet, soft
							1		→ - brownish yellow (10YR, 6/8) pebbles
					0.3				- Becomes mottled w/ dark brown, damp, mod. stiff
							2		
					0.6				- Becomes very dk brown (10YR, 2/2) and dk yellowish brown (10YR, 3/4)
							3		
							4	SM	
	4.0 / 1.0	1014							- Rough drilling
									Dark yellowish-brown (10YR, ~~3/4~~)
							5		
							6		
							7		
		1014			0.6	SS501711			Dark yellowish-brown (10YR, 3/4) silty very fine SAND, ~~sp~~ mw damp, very dense, speckled with bright green
	4.0 / 1.1	1104			0.5		8		• root casts
					0.5				100 ft Casts
					0.4		9		
							10		

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	APN 7351-33-9

DRILLING METHOD: Geoprobe, vibrating

BORING NUMBER: SBL0275

SAMPLING METHOD: 1.5" acetate sleeves

SHEET: 2 OF 2

DRILLING: START TIME 0915 DATE 4-18-03; FINISH TIME 1200 DATE 4-18-03

SURFACE CONDITIONS: ~0.25' Concrete

DATUM... ELEVATION

DRILLING CONTRACTOR KTiE

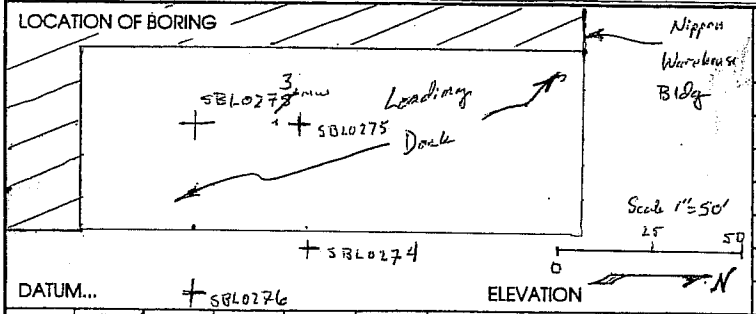
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SM	
							11		
	4.0 / 3.2	1140			1.6		12		- Becomes light olive-brown (2.5Y, 5/4), ~~fine~~ sand - very fine - fine sand, - Becomes Dense
					3.8		13		
		1140				SS01712	14		
					0.6		15		- Becomes ~~dense~~ light yellowish-brown (2.5Y, 6/4), decreased silt to little silt
							16		~~Becomes~~ now Boring completed to ~16' on 4-18-03
							17		
							18		
							19		
							20		

BY Mark Wanek CHECKED BY DM

DATE 4-18-03

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-33-9

DRILLING METHOD:	BORING NUMBER
Geoprobe, vibratory hammer	SBL0276
SAMPLING METHOD:	SHEET
1.5" Acetate liners	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
~0.25' Asphalt	1210	1400
	DATE 4-18-03	DATE 4-18-03

DRILLING CONTRACTOR KT/E

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 / 3.6	1230			0.5			GC	Olive-brown (2.5Y, 4/3) clayey GRAVEL w/ fine sand and silt
								CL	very dark grayish brown (2.5Y 3/2), CLAY w/ gravel fine sand and some silt and rubber gravel, mottled w/ dark yellowish-brown (10YR, 4/6) and black (2.5Y, 2.5/1), damp, stiff
							1		→ Brick fragments
					0.4		2		- Becomes less mottled, decreased sand, very stiff
							3		
					0.5				
	4.0 / 2.9				2.1		4	MW	
								SM	
		1253			0.5 ~~0.3~~	SSS0~~1716~~ 1713 mw	5	SM	~~Becomes~~ light olive-brown (2.5Y, 5/4) silty fine SAND, damp, dense, root casts & burrows
							6		- Becomes olive-gray (5Y, 4/2)
									- Becomes dark yellowish-brown (10YR, 4/4)
					0.7		7		
	4.0 / 3.5	1325			0.7		8		- Becomes light olive-brown (2.5Y, 5/4), increased staining from bioturbation
							9		
							10		
					0.7				

BY Mark Wanek

DATE 4-18-03

CHECKED BY DVM

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
289063/8.01000	APN 7351-33-9

DRILLING METHOD:	BORING NUMBER
Geoprobe, Vibratory hammer	SBL0276
SAMPLING METHOD:	SHEET
1.5" Acetate Sleeves	2 OF 2
	DRILLING
SURFACE CONDITIONS:	START / FINISH
~ 0.25' Asphalt	TIME: 1210 / 1400
	DATE: 4-18-03 / 4-18-03

DATUM... ELEVATION

DRILLING CONTRACTOR KTI E

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
							11	
					0.6			
							12	
	4.0 / 3.0	1345						
							13	
					0.5			
							14	
		1345				SS501714		
					0.7		15	
							16	
							17	
							18	
							19	
							20	

- Becomes ~~brown~~ decreased staining from distribution

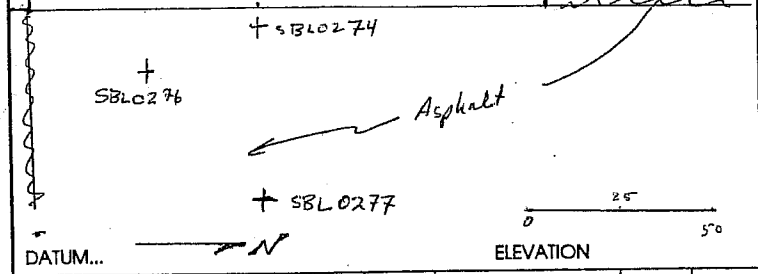
- Becomes olive (5Y, 5/4); decreased silt

Boring complete to ~ 16' on 4-18-03

BY Mark Wenek DATE 4-15-03 CHECKED BY Dun

BORING LOG

LOCATION OF BORING: Loading Dock ~~Loading Dock~~



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-33-9

DRILLING METHOD:	BORING NUMBER
Geoprobe, vibratory hammer	SBL0277
SAMPLING METHOD:	SHEET
1.5" Acetate liner	1 OF 2

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
~0.25' asphalt	TIME 1530	TIME 1630
	DATE 4-18-03	DATE 4-18-03

DRILLING CONTRACTOR KT & E

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 / 3.5	1541			0.5			CL	very dark gray (2.5Y, 3/1) and olive-brown (2.5Y, 4/4) gravelly CLAY w/ sand, damp, very
							1		- Becomes sandy clay w/ gravel (FILL)
		1541			0.3	SSS 01715	2	SM	~~very~~ MW Dark gray (2.5Y, 4/1) silty Very fine-fine SAND w/ trace clay, damp, dense (NATIVE)
					0.3		3	CL	Very dark grayish-brown (10YR, 3/2) fine sandy CLAY, damp, very ~~dex~~ stiff w/ trace gravel
	4.0 / 3.6	1545			1.1		4	SC	- Becomes olive-gray (5Y, 4/2), root casts evident Olive-gray (5Y, 5/2) clayey, very fine SAND w/ silty, root casts, damp, dense and trace gravel
					0.4		5	SM	- Becomes olive-brown (2.5Y, 4/4) Olive-brown (2.5Y, 4/4) silty very fine SAND w/ trace gravel and clay, damp, dense root casts / burrows evident
					0.6		6		- Becomes dark olive-brown (2.5Y, 3/3), ~~decreased clay~~ MW ~~to~~ no clay
							7		- Becomes trace clay
	4.0 / 3.1	1557					8		- Becomes dark yellowish-brown (10YR, 4/6), no clay
							9		- Becomes olive-brown (to 2.5Y, 4/4) - ~0.2' lens of dk olive-brown (2.5Y, 3/3) sandy CLAY
					0.3		10		

BY Mark Wanek CHECKED BY DLM

DATE 4-18-03

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
289063 18.0100 0	APN 7351-33-9

DRILLING METHOD:	BORING NUMBER
Geoprobe, vibratory hammer	SBL0277
SAMPLING METHOD:	SHEET
1.5" acetate sleeves	2 OF 2
	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME
~0.25' Asphalt	DATE

DRILLING CONTRACTOR KTIE

DATUM... ELEVATION

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
					0.4		11	
							12	SP
	4.0 / 2.0	1610						
					0.4		13	
		1610			0 mv	SSS01716		
					0.3		14	
							15	
							16	
							17	
							18	
							19	
							20	

~~Brown~~ mv yellowish brown (10YR, 5/8) fine SAND w/ trace silt

- Root casts increased

- ~~Becomes~~ mv decreased silt, evidence of bioturbation

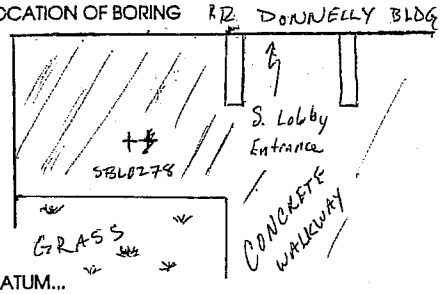
- Becomes olive yellow (2.5Y, 6/8)

Boring completed to ~16' on 4-18-03

BY Mark Wanek DATE 4-18-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING: RD. DONNELLY BLDG



DATUM...

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-56

DRILLING METHOD: Mod MZ5 DP w/ vibratory hammer, hand auger

BORING NUMBER: SBL0278

SAMPLING METHOD: Direct Push, 1.5" Acetate sleeve 2" brass sleeve, manual driven sampler

SHEET: 1 OF 2

SURFACE CONDITIONS: ~0.3' ~~Asphalt~~ Concrete

DRILLING	START	FINISH
TIME	0925	1020
DATE	4-28-03	4-28-03

DRILLING CONTRACTOR Gregg

BY Mark Edwards DATE 4-28-03 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
								CL
							1	
		1014			0.3	5550/717	2	
							3	
							4	
							5	
	4.0 / 1.9	0940			0.7			
					1.1		6	
					1.2		7	
							8	
	4.0 / 4.0	0951			0.1		9	
							10	

A/C Asphalt

CL Dark yellowish-brown (10YR 4/6) CLAY w/ fine sand silt and gravel

- ~~Da~~ Cobbles to ~0.2' from ~3.2'-3.5'

- cobbles to ~0.15' diam.

- asphaltic material from ~5.9-6.0'
- Becomes dk brown (10YR 3/3)
- Becomes dk yellowish-brown, sandy (10YR 3/4)
- decreased sand

- Root casts, burrows visible

- increased sand & silt

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-34-56

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer & Hand auger	SBL0278
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, cts core 2" brass sleeve, manual drive	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS: 0.3' Asphalt

DRILLING	START	FINISH
TIME	0925	1020
DATE	4-28-03	4-28-03

DRILLING CONTRACTOR ~~Kitt~~ Gregg

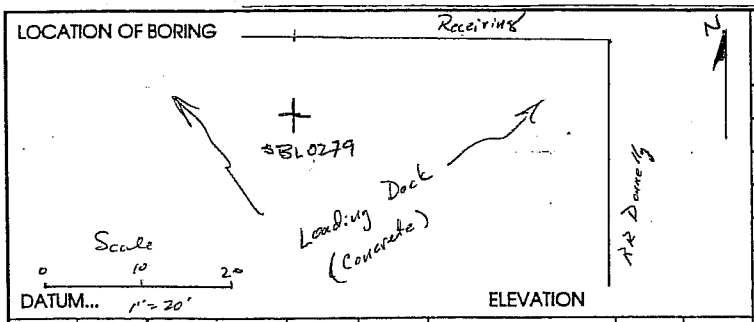
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	CL	
					0.1		11	SM	Dark yellowish-brown silty very fine SAND w/ trace clay, moist, dense, root casts visible
							12		
					1.0		13		-Becomes olive brown
	4.0 / 2.5	1003			0.7				
							14		-Decreased ~~sm~~ silt
					0.2				
							15		
					0.6				
							16		
							17		Boring completed to ~17' on 4-28-03
							8		
							9		
							20		

BY Mark Wanek CHECKED BY DLM

DATE 4-28-03

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-56

DRILLING METHOD:	BORING NUMBER
Mail M25 DP, vibratory hammer, hand auger	SBL0279
SAMPLING METHOD:	SHEET 1 OF 2
1.5" acetate sleeve, continuous core, 2" brass sleeve / manual drive sample	DRILLING START TIME 1055 DATE 4-28-03 / FINISH TIME 1215 DATE 4-28-03
SURFACE CONDITIONS: ~0.25' Concrete	

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	Dark brown & dark yellowish-brown ~~silty~~ CLAY w/ silt and very fine sand, trace gravel moist, med. stiff
		1110			0.3	Sm	2		
		~~1147~~ ~~1123~~ 1110 mw			35.5	SSS01718	3		~~-Becomes mw~~ ~~-B mw~~ -Becomes very dk brown, moderate volatile odor
	3.0 / 2.1	1123			2.5		5	SM	Light olive-brown silty, very fine sand, damp, dense, root casts/burrows, moderate volatile odors
					9.6		7		
	4.0 / 3.3	1205			9.6		8		-Becomes trace clay, olive-brown
							9		
							10		

BY Mark Wenck CHECKED BY DLM

DATE 4-28-03

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-34-56

DRILLING METHOD: Mark M25, vibratory hammer; Hand auger

BORING NUMBER: SBL0279

SAMPLING METHOD: 1.5" acetate liners, cat's cove; 2:1 Brass sleeve / manual drive

SHEET: 2 OF 2

DRILLING CONTRACTOR: Gregg

DATUM... ELEVATION

SURFACE CONDITIONS: ~0.25' of Concrete

DRILLING START TIME: 1055

DRILLING FINISH TIME: 1215

DRILLING START DATE: 4-28-03

DRILLING FINISH DATE: 4-28-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SM	
							11		-Reddish-brown clayey inclusions, ~~moderate~~ increased odor
					20.2			SC	
	4.0 / 1.8	1210			9.5		12		Olive-brown clayey SAND w/ silt, damp, Med. dense, rust-colored & black root-casts, gypsum, odor
							13		-trace ~~of~~ coarse sand
					14.4		14		
							15		
							16		Boring completed to ~16' on 4-28-03
							17		
							18		
							19		
							20		

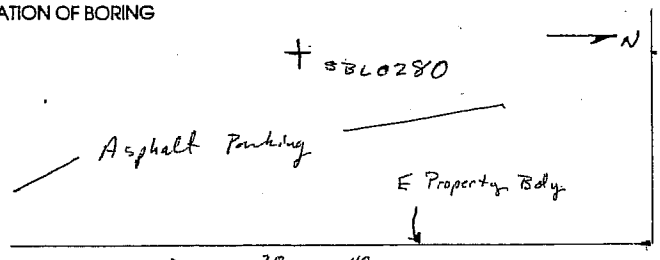
BY: Mark Wanek

DATE: 4-28-03

CHECKED BY: DLM

BORING LOG

LOCATION OF BORING



DATUM... 1"=40' ELEVATION

JOB NUMBER	LOCATION (Dermalogica Parking)
28906318.01000	APN 7351-31-17 & 18

DRILLING METHOD:	BORING NUMBER
Mobil M25 ~~DT~~, 4" & hand auger vibratory hammer	SBLO280
SAMPLING METHOD:	SHEET 1 OF 2
1.5" acetate sleeves, continuous core, & 2" brass sleeve / Manual drive sampler	DRILLING START TIME 1358 DATE 4-28-03 / FINISH TIME 1935 DATE 4-28-03
SURFACE CONDITIONS: 0.25' Asphalt	

DRILLING CONTRACTOR Gregg

BY Mark Weaver DATE 4-28-03 CHECKED BY DCM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							0	A/C
								SM
							1	
					0.1		2	
		1400			∅	SSS01719		SC
							3	
							4	
							5	
	3.0 / 2.8	1421			1.0			SM
							6	
					0.3			
							7	
					2.6			
	4.0 / 2.3				1.5		8	
					1.7		9	
					0.1		10	

Asphalt

Very dark grayish Brown silty fine - coarse SAND w/ gravel

Dark yellowish-brown clayey fine SAND w/ gravel & silt, damp, med. dense

- Becomes increased gravel

- Becomes ~~clayey~~ increased clay, decreased gravel

Dark yellowish-brown ~~silty~~ fine and very fine SANDy clay, dense, root casts & burrows w/ silt

- Becomes olive-brown

- Becomes med. dense

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	APN 7351-31-17

DRILLING METHOD:	BORING NUMBER
Mark #25 vibratory hammer Hand Auger	SBL0780
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, cut 6" ea 2" brass sleeve / manual drive	2 OF 2
	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME: 1358 / 1435
0.25' Asphalt	DATE: 4-25-03 / 4-28-03

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

BY Mark Wenck DATE 4-28-03 CHECKED BY DUM

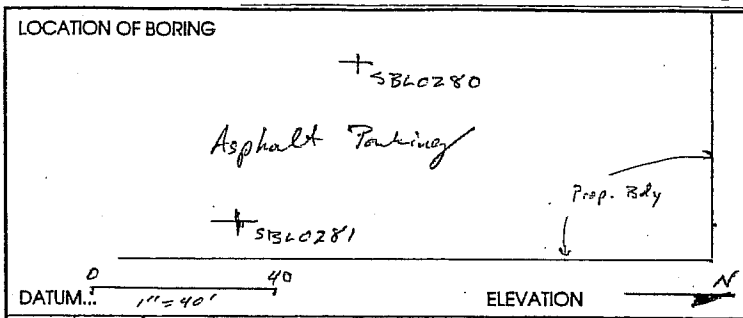
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
					0.1			
							11	
							12	
	4.0 / 1.7				0.5			
					1.4		13	
					0.7			
							14	
							15	
							16	
							17	
							18	
							19	
							20	

- Becomes dark olive-brown, ~~moist~~ silty

Boring completed to ~16' on 4-28-03

BORING LOG

LOCATION OF BORING



DATUM: ELEVATION

JOB NUMBER	28906318.01000
LOCATION	(Dermalogica parking lo APN 7351-31-17
DRILLING METHOD:	Marl M25 ~~DP~~ handauger continuous core
BORING NUMBER	SBL0281
SAMPLING METHOD:	1.5" acetate sleeves 2" Brass sleeves / manual drive
SHEET	1 OF 2
SURFACE CONDITIONS:	0.3' Asphalt
DRILLING START TIME	1435
DRILLING FINISH TIME	1500
DATE	4-28-03
DATE	4-28-03

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/ little clay & trace gravel moist, dense
					0.3	SSS01720	2	CL	Dk yellowish-brown
							3	SC	Olive-brown clayey very fine SAND w/ silt damp, dense, ~~root~~
	3.0 / 2.9				5.2		5		-root casts + burrows apparent
									- decreased clays
					0.1		6	SM	Olive-brown silty very fine SAND w/ some clay, damp, dense, root casts & burrows
					0.3		7		
	4.0 / 2.5				0.2		8		-Becomes moist, no clay, dark yellowish brown
					0.3		9		
							10		

BY Mark Wanek CHECKED BY DCM

DATE 4-28-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-~~34~~ 31-17

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer Hand auger	SBL0281
SAMPLING METHOD:	SHEET
1.5" acetate Sleeves, cont's core 2" brass sleeves / manual drive	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS: 0.3' Asphalt

DRILLING	START	FINISH
TIME	1435	1500
DATE	4-28-03	4-28-03

DRILLING CONTRACTOR Gregg

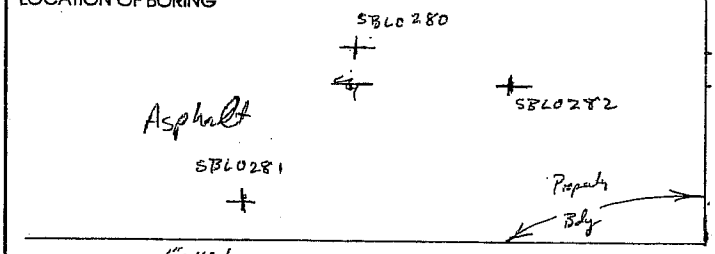
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.3		10	SM	
					0.2				
							11		
								SM-ML	Olive silty Very fine SAND to sandy SILT, Moist, dense, root casts & burrows
	4.0 / 3.9				0.4		12		
							13		
					0.3		14		
								SM	Olive silty very fine SAND, Moist, med. dense - dense
							15		
					0.3		16		
									Boring completed to ~16' on 4-28-03
							17		
							18		
							19		
							20		

BY Mark Wanek DATE 4-28-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... 0 1" = 40' 40

ELEVATION N

JOB NUMBER	LOCATION (Dermalogica Parking)
28906318.01000	APN 7351-31-17

DRILLING METHOD:	BORING NUMBER
Marl M25 ~~DP~~ vibrating hammer, hand auger	SBL0282

SAMPLING METHOD:	SHEET
1.5" acetate sleeves, continuous core, 2" brass sleeve / manual drive sampler	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.25' Asphalt	1505	1555
	DATE 4-28-03	DATE 4-28-03

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
							1		
							2		
		1526				SS501721			
							3		
							4		
	3.0 / 0.7	1545			0.1		5		- Becomes dk yellowish-brown, no clay or gravel root casts/burrows apparent
							6		
							7		
	4.0 / 2.7	1550			0.2		8		- decreased bioturbation
							9		
					0.2		10		

BY Mark Wanek CHECKED BY DLM

DATE 4-28-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318-01000	APN 7351-31-17

DRILLING METHOD:	BORING NUMBER
Mail M25, vibrating hammer Hand auger	SBL0282

SAMPLING METHOD:	SHEET
1.5" acetate sleeve, coat's cone 2" Brass sleeves / manual drive	2 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.25' Asphalt	1505	1555
	DATE 4-28-03	DATE 4-28-03

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	
					0.3		11		
	4.0 / 2.8	1555			0.1		12		- Decreased silt, inc
							13		- trace gravel - Becomes increased silt & bioturbation, gypsum no gravel
					1.2		14		
							15		
							16		Boring completed to ~16' on 4-28-03
							17		
							18		
							19		
							20		

DRILLING CONTRACTOR Gregg

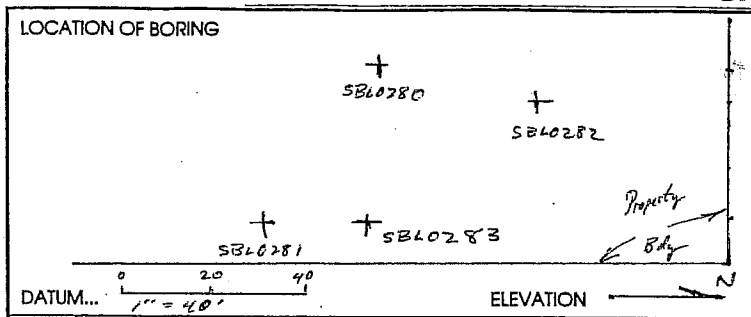
BY Mark Wanek

DATE 4-28-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318-01000	APN 7351-31-17

DRILLING METHOD:	BORING NUMBER
Marl M25 DP vibratory hammer & Hand auger	SBL0283
SAMPLING METHOD:	SHEET
1.5" Acetate sleeves, continuous core; 2" Brass sleeve / manual drive	1 OF 2
SURFACE CONDITIONS:	DRILLING START TIME 1600 DATE 4-28-03; FINISH TIME 1725 ~~1720~~ DATE 4-28-03
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	Asphalt
								SC	Very dark grayish-brown clayey fine SAND w/ silt and gravel
							1		
		1610				SSS01722	2		
							3		-Becomes gravelly at ~3'
							4	SM	Dark yellowish-brown silty very fine SAND w/ little clay, moist, med. dense-dense, root casts
	3.5 / 2.9	1715			0.1		5		
					0.2		6		
					0.1		7		
					0.1		8		-Becomes trace clay
	4.0 / 0.9	1720							
					0.1		9		
							10		

BY Mark Wauck DATE 4-28-03 CHECKED BY PLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-31-17

DRILLING METHOD:	BORING NUMBER
Mail M25 vibratory hammer Hand Auger	SBL0283
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, contscore 2" Brass sleeve / manual drive	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
0.25' Asphalt	TIME 1600	TIME 1725 ~~1720~~
	DATE 4-28-03	DATE 4-28-03

DRILLING CONTRACTOR Gregg

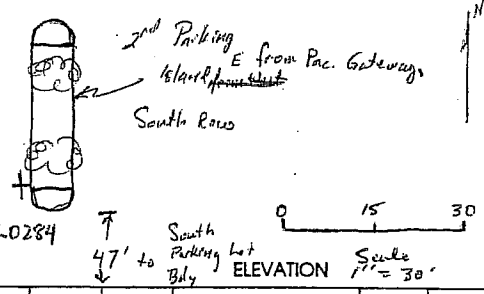
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
								SM	
							10		
							11		
	4.0 / 3.9	1723							
					0.1		12		
							13		- ~0.1' lense of dk brown gravelly sand
								ML	Olive-brown sandy SILT, damp, dense (sharp contact) light bioturbation
					0.1		14		
							15		
					0.1		16		Boring completed to ~16' on 4-28-03
							17		
							18		
							19		
							20		

BY Mark Wanek DATE 4-28-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION Scale 1" = 30'

JOB NUMBER	LOCATION (GE Parking lot)
28906318.01000	APN 7351-31-30

DRILLING METHOD:	BORING NUMBER
Marl M25 ~~DP10~~, vibratory hammer + Hand auger	SBL0284
SAMPLING METHOD:	SHEET 1 OF 2
1.5" acetate sleeves, continuous core; 2" brass sleeves/manual drive	DRILLING START TIME 0713 DATE 4-29-03; FINISH TIME 0745 DATE 4-29-03
SURFACE CONDITIONS: 0.25' Asphalt	

DRILLING CONTRACTOR Gray

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
								SC	Dark yellowish-brown sandy CLAY w/ silt and gravel, damp, dense
							1		
		0720				SSS01723	2		
							3		- no gravel
							4		
	3.0 / 2.9	0732			0.1 ~~0.2~~ mw		5	SM	Dark yellowish-brown silty very fine SAND w/ some clay, damp, dense, root casts
					0.2 ~~0.3~~ mw		6		
					0.2 ~~0.3~~ mw	SSS01724	7		
									- increased clay
	4.0 / 3.8	0734			0.3		8	SC	Dark yellowish-brown clayey SAND w/ silt, moist, dense, root casts evident
							9		- ~0.05' lense of dk brown gravelly sand - Becomes siltier, decreased clay
					~~0.3~~ mw ~~0.6~~ mw 0.1		10	SM	Dark yellowish-brown silty fine SAND w/ some clay

BY Mark Wenck DATE 4-29-03 CHECKED BY DCM

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318-01000	APN 7351-31-30

DRILLING METHOD:	BORING NUMBER
Mail M25 vibratory hammer Hand Auger	SBL0284
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, cont's core 2" brass sleeve / manual drive	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.25' Asphalt	0713	0745
	DATE 4-29-03	DATE 4-29-03

DRILLING CONTRACTOR Gregg

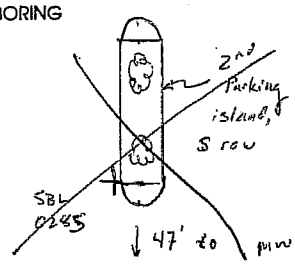
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					~~0.3~~ ~~0.6~~ 0.1			SM	
							10		
							11		
									- Becomes trace clay
					0.1				
	4.0 / 3.9	0740			0.3		12		- Becomes med. dense - Becomes dense
									- Becomes no clay, med. dense, bioturbation not apparent
							13		
									- Becomes sand w/ little silt
					0.1		14		- Becomes olive-brown
							15		- Becomes silty, very fine sand, ~~a~~ ~~Sh~~ faint root casts apparent
					0.2				
							16		Boring completed to ~16' on # 4-29-03
							17		
							18		
							19		
							20		

BY Mark Wanek DATE 4-29-03 CHECKED BY DLM

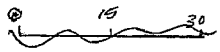
DAMES & MOORE

BORING LOG

LOCATION OF BORING



See pg 2



DATUM... ELEVATION

JOB NUMBER	LOCATION (GE Parking Lot)
2870631 8.01000	APN 7351-31-30

DRILLING METHOD:	BORING NUMBER
Mobil M25, vibratory hammer, Hand auger	SBL0285
SAMPLING METHOD:	SHEET
1.5" acetate liner, cont's core, 2" brass sleeve, manual drive	1 OF 2
	DRILLING
	START / FINISH
SURFACE CONDITIONS:	TIME: 0753 / 0842
0.25' Asphalt	DATE: 4-29-03 / 4-29-03

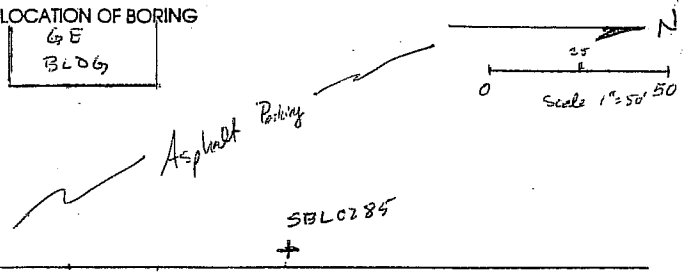
DRILLING CONTRACTOR Gregg

BY Mark Wimmer DATE 4-29-03 CHECKED BY DCM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	A/C	
								SC	Dark brown & dark yellowish-brown clayey fine SAND w/ silt and gravel
							1		
		0756				SSS01725	2		
							3		- becomes gravelly from ~3-4'
							4		
	4.0/4.0	0835			0.2				- Becomes fine sand w/ silt and clay, root casts evident, very dense
							5		
					0.3				
							6	CL	Dark brown & dark yellowish-brown sandy CLAY, w/ some silt, damp, very stiff
									- Becomes brown, moist, ~~and~~ mottled of root particles, ~~not~~ stiff, w/ light organic odor
							7		
					0.3	SSS01726			
					~~0.3~~ MD				
							8		
	4.0/3.9	0838			0.2				- no root particles, ~~very~~ trace sand & silt,
									- Becomes gravelly, w/ sand and silt
							9	SC	
									Dark yellowish-brown and brown clayey fine SAND w/ silt, damp, very dense, root casts
							10		
					0.6				

BORING LOG

LOCATION OF BORING: GE Bldg



JOB NUMBER	LOCATION
2890618.01000	APN 7351-31-30

DRILLING METHOD: Mobil M25 DP10 w/ Standard Hammer & Hand Auger

BORING NUMBER: SBLO285

SAMPLING METHOD: 1.5" acetate sleeves, cont. core; 2" brass sleeves, manual drive sampler

SHEET: 2 OF 2

DRILLING: START TIME 0753 DATE 4-29-03; FINISH TIME 0842 DATE 4-29-03

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING CONTRACTOR Gregg

DATUM... ELEVATION

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SC
					0.6			
							11	SM
					0.5		12	
	4.0 / 3.9	0843			0.7			
							13	
					0.6		14	
							15	
					0.4		16	
							17	
							18	
							19	
							20	

Dark yellowish-brown silty, very fine SAND w/ little clay, Moist, very dense, faint root casts

- Becomes trace clay

- decrease in silt

- Becomes med. dense

- root casts not apparent

- Becomes little silt

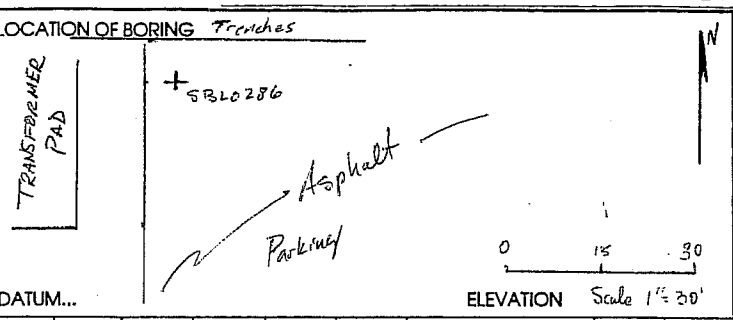
Boring completed to ~16' on 4-29-03

BY Mark Marek DATE 4-29-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING Trenches



DATUM...

ELEVATION Scale 1" = 30'

JOB NUMBER	LOCATION
28906318.01000	(GE Lot) APN 7351-31-30

DRILLING METHOD:	BORING NUMBER
Mar1 M25 ~~DP10~~ vibrating hammer & Hand Auger	SBL0286
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, etc core 2" Brass sleeves / manual drive	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.3' Asphalt	0935	1020
	DATE 4-29-03	DATE 4-29-03

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
								CL	Very dark gray (10 YR, 3/1) sandy CLAY w/ silt and gravel
		0935			2.9	SSS01727	1		
							2		
							3		- becomes gravelly (cobbles to ~0.2' diam)
							4		- decreased gravel
								SC	Dark yellowish-brown (10YR, 4/6) ~~clay~~ fine SAND w/ clay and silt, moist, dense.
	3.0 / 2.9	1006			2.6		5	SM	Dark yellowish-brown (10YR 4/6) silty fine SAND w/ trace clay, moist, very dense, faint root coats
							6		
					0.9		7		
					1.9		8		
	4.0 / 3.9	1009			1.3				
							9		
					0.9		10		

BY Mark Wanek CHECKED BY DLM

DATE 4-29-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION (GE lot)
	28906318.01000	APN 7351-31-30

DRILLING METHOD:	BORING NUMBER
Mud M25 vibratory hammer Hand auger	SBL0286
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, cont's core 2" Brass sleeve / manual drive	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.3' Asphalt	0935	1020
	DATE 4-29-03	DATE 4-29-03

DRILLING CONTRACTOR Gregg

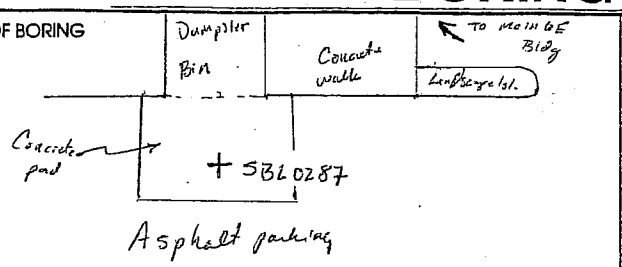
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.9		10	SM	
							11		
					1.4		12		- ~0.1' Lens of dk gray gravelly sand
	4.0 / 4.0	1014			1.7				- Becomes very fine-fine sand, dense
							13		
					0.6		14		
							15		- Becomes very fine sand, med. dense, no root casts
					0.4		16		- Becomes yellowish-brown (10 YR, 5/6), tt some silt
							7		~~Becomes~~ Boring completed to ~16' on 4-29-03
							8		
							9		
							0		

BY: Mark Wand CHECKED BY DLM

DATE 4-29-03

BORING LOG

LOCATION OF BORING



DATUM... 0 10 20 ELEVATION N

JOB NUMBER: 28906318.01000

LOCATION (GE Lot): APN 7351-31-30

DRILLING METHOD: Mail M25 vibratory hammer, Hand auger

BORING NUMBER: SBL 0287

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

SHEET 1 OF 2

DRILLING: START TIME 1020 DATE 4-29-03; FINISH TIME 1100 DATE 4-29-03

SURFACE CONDITIONS: 0.45' Concrete

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	
							1		Olive-gray sandy CLAY w/ silt and gravel, moist, stiff, organic odor
		1028			1.4	SSS01728	2		
									- Becomes gravelly
							3		
							4	SM	Dark yellowish-brown (10 YR, 3/6) silty very fine-fine SAND, moist, dense, ~~to~~ faint root casts
	3.0 / 3.0	1053			0.4		5		
					0.7		6		
									- Becomes very dense, olive brown (2.5Y 4/4)
					0.9 ~~0.7~~ mr		7		
	4.0 / 4.0	1055			0.7		8		
							9		
					0.6		10		

BY Mark Wanek DATE 4-29-03 CHECKED BY [illegible]

BORING LOG

LOCATION OF BORING

DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-31-30

DRILLING METHOD: Mark M25 vibratory hammer; Hand auger

BORING NUMBER: SBL0287

SAMPLING METHOD: 1.5" acetate sleeve, cut's core; 2" Brass sleeve/ manual drive

SHEET: 2 OF 2

DRILLING: START TIME 1020, DATE 4-29-03; FINISH TIME 1100, DATE 4-29-03

SURFACE CONDITIONS: 0.45' Concrete

DRILLING CONTRACTOR Gregg

BY Mark Wheet DATE 4-29-03 CHECKED BY DLM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
					0.6			
							11	
					0.8		12	
	4.0 / 4.0	1057			1.1			
							13	
					1.5		14	
							15	
					1.0		16	
							17	
							18	
							19	
							20	

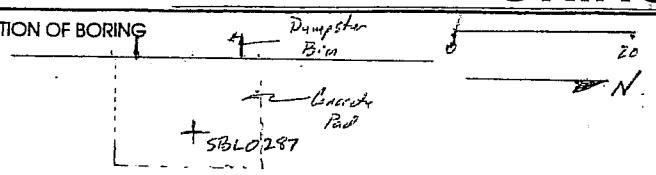
- Becomes dark yellowish-brown (10YR 4/6)
- Becomes ~~fine~~ very fine light olive-brown (2.5Y 5/4) fine silt, med. dense

Boring completed at ~16' on 4-29-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... SBL0288 ## ELEVATION

JOB NUMBER	LOCATION (GE lot)
28906318.01000	APN 7351-31-30

DRILLING METHOD:	BORING NUMBER
Hand augers	SBL0288
SAMPLING METHOD:	SHEET
2" brass sleeve / manual drive	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.25' Asphalt	1103	1220
	DATE 4-29-03	DATE 4-29-03

DRILLING CONTRACTOR Gregg

BY Mark Wenzel DATE 4-29-03 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	
								CL	Very dark grayish-brown sandy CLAY and gravel
							1		
		1143				SS501729	2		
							3	SM	Dk yellowish-brown (10YR 4/6) silty very fine-fine SAND, moist, dense
							4		
							5		
		1137			1.3		6		- faint rubber-like odor
							7		
		1143			0.6		8		
							9		
		1152			1.9		10		- odor not apparent

BORING LOG

LOCATION OF BORING

JOB NUMBER: 2890618.01000

LOCATION: APN 7351-31-30

DRILLING METHOD: Hand auger

BORING NUMBER: SBL0288

SAMPLING METHOD: 2" Brass Sleeve

SHEET: 2 OF 2

DRILLING START TIME: 1103 DATE: 4-29-03

DRILLING FINISH TIME: 1220 DATE: 4-29-03

SURFACE CONDITIONS: 0.25' Asphalt

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

BY Mark Wheeler DATE 4-29-30 CHECKED BY DUM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
		1201			0.4		11	
							12	
		1207			0.6			
							13	
		1214			1.9		14	
		16 1244 hrs			0.4			
							15	
							16	
							17	
							18	
							19	
							20	

Dark yellowish brown silty, very fine - fine SAND, moist, loose

- Becomes light olive-brown.

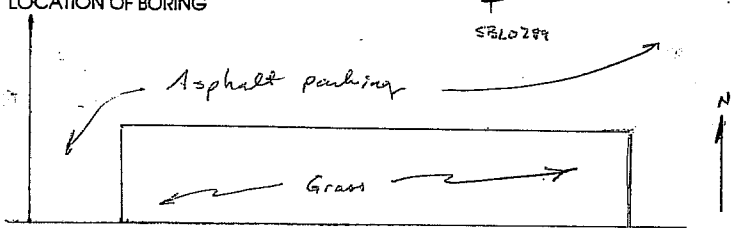
Boring completed to ≈15.0' on 4-29-03

DAMES & MOORE

BORING LOG

Toyota Bldg

LOCATION OF BORING



DATUM... 0 25 1" = 50' 50

ELEVATION Francisco St

JOB NUMBER	28906318.01000
LOCATION	(Toyota) APN 7351-34-52
DRILLING METHOD:	Mail M25, vibratory hammer Hand auger
BORING NUMBER	SBL0289
SAMPLING METHOD:	1.5" acetate sleeves, cat's core 2" brass sleeve / manual drive
SHEET	1 OF 2
SURFACE CONDITIONS:	0.25' Asphalt
DRILLING START TIME	1355
DRILLING FINISH TIME	1735
DRILLING DATE	4-29-03
DRILLING DATE	4-29-03

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	Brown (10YR, 4/3) silty fine SAND w/ little clay & trace gravel, ~~no~~ lamp, med. dense
							1		
		1400			0.6	SSS01730	2		
							3		
	4.0 / 3.8	1421			0.7		4	SC	Olive-brown (2.5Y, 4/3) clayey very fine-fine SAND w/ silt and some gravel, moist, med dense
							5		- Decreased gravel to little gravel
					0.7		6		
								SM	- becomes no gravel ~~see~~ Dark yellowish-brown (10YR, 4/4) silty very fine and fine SAND, moist, dense, root casts
		1421			0.4	SSS01731	7		
	4.0 / 3.9	1425			1.4		8		- Becomes ~~dk~~ darker yellowish brown (10YR, 3/4), decreased silt
							9	ML	Olive-brown (2.5Y, 4/4) very fine sandy SILT, moist, dense root casts
					0.7		10	SM	

BY Mark Wanek

DATE 4-29-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-52

DRILLING METHOD: Mark III 75, vibratory hammer; Hand auger

BORING NUMBER: SBL0289

SAMPLING METHOD: 1.5" acetate sleeve, Cuts core; 2" brass sleeve / manual drive

SHEET 2 OF 2

DRILLING CONTRACTOR Greg

DATUM... ELEVATION

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING START TIME	DRILLING START DATE	DRILLING FINISH TIME	DRILLING FINISH DATE
1355	4-29-03	1435	4-29-03

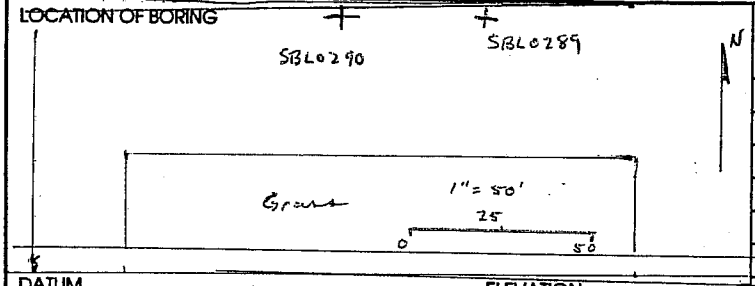
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.7		10	SM	
							11		
					9.1		12		~0.1' Lens of sandy gravel - increased silt
	4.0 / 3.7	1429			0.9		13		- Becomes clayey - Becomes no clay, olive-brown (2.5Y, 4/4)
							14		- Becomes little silt, med. dense, no root casts
					1.9		15		- Becomes fine sand
							16	ML	Olive brown (2.5Y, 4/4) SILT w/ very fine sand, damp, dense, root casts
							7		Boring completed to ~16' on 4-29-03
							8		
							9		
							0		

BY Mark Wheeler DATE 4-29-03 CHECKED BY DCM

TOYOTA BLDG

BORING LOG

LOCATION OF BORING



DATUM... FRANCISCO CT ELEVATION

JOB NUMBER	LOCATION (Toyota)
28906318.01000	APN 7351-34-52

DRILLING METHOD: Mark m25 vibratory hammer; Hand auger

BORING NUMBER: SBL0290

SAMPLING METHOD: 1.5" acetate liners, cat's cone; 2" brass sleeve/manual drive

SHEET: 1 OF 2

SURFACE CONDITIONS: 0.25' Asphalt

DRILLING START TIME	DRILLING FINISH TIME	DRILLING START DATE	DRILLING FINISH DATE
1430	1505	4-29-03	4-29-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
		1430				SS501732	0	A/C
							1	CL
							2	
							3	
							4	
							5	
	3.0-~~4.0~~ / 0.9	1454						
					0.6		6	SM
							7	
							8	
	4.0 / 3.5	1459						
					4.6	SS501733	9	
							10	
					0.6			

Asphalt

Very dark grayish-brown (10YR 3/2) gravelly CLAY w/ sand and little silt

Dark yellowish-brown silty fine SAND w/ trace clay, root casts

- Becomes light olive-brown (10Y 2.5Y 5/4)
- Increased silt + trace gravel ~9.5-9.6'

BY Mark Wanek DATE 4-29-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING

DRILLING CONTRACTOR Gregg

DATUM... ELEVATION

BY Mark Wanek CHECKED BY DLM

DATE 4-29-03

JOB NUMBER	LOCATION
2890G318.01000	APN 7351-34-52

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer Hand Auger	SBL0290
SAMPLING METHOD:	SHEET
1.5" acetate sleeve, cont's core 2" Brass sleeve / manual drive	2 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME	DRILLING START DATE	DRILLING FINISH DATE
0.25' asphalt	1430	1505	4-29-03	4-29-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	SM
					0.6			
							11	
					0.8			
							12	
	4.0 / 3.5	1501			1.3			
							13	
							14	
								SP
							15	
					1.4			
							16	
							17	
							18	
							19	
							20	

- Increased silt & trace gravel from ~ 10.4' - 10.5'
- Becomes v. med. dense
- Becomes fine - med. Sand, decreased silt
- Becomes med. Sand, clay inclusions
- trace gravel at ~14.0'

Yellow (10YR, 7/6) med. SAND w/ trace silt

- Becomes mottled w/ Gray (5Y, 5/1)

Boring completed to ~16' on 4-29-03

BORING LOG

LOCATION OF BORING — N

Gravel surface

+SBLO291

0 20 40

DATUM... Phoenix ELEVATION

DRILLING CONTRACTOR Gregg

BY Mark Winkle DATE 4-29-03 CHECKED BY DLM

JOB NUMBER	LOCATION (Behind Phoenix)
28906318.01000	APN 7351-39-25

DRILLING METHOD:	BORING NUMBER
Mark M25, vibratory hammer Hand auger	SBLO291
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, cuttings or 2" Brass sleeve/ manual drive	1 OF 2
	DRILLING
	START / FINISH
SURFACE CONDITIONS:	TIME: 1609 / 1625
Gravel	DATE: 4-29-03 / 4-29-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	GW	Gravel surface
								CL	Dark brown and dark yellowish-brown
							1		
							2	SC	
		1611			1.6	SSS01734 SSS01732			Dark yellowish-brown (10YR, 4/6) clayey, fine SAND w/ gravel and silt, mottled w/ dark brown, damp, very dense
	2.0 / 3.0	1615			1.6		3		
					2.2		4		- No gravel, root casts apparent
							5		
					1.0				
							6	SM	
	4.0 / 3.1	1618			1.5				Light olive-brown (2.5Y, 5/4) silty, very fine SAND w/ trace clay, moist, very dense, root casts
					0.4	SSS01735 SSS	7		
							8		
						SSS01733	9		- Becomes dk yellowish-brown (10YR 3/6) - Becomes light olive-brown (2.5Y, 5/4)
					0.7				
							10		

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-34-25

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer Hand Auger	SBL0291
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, cat's cone 2" Brass sleeve / manual drive	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
Gravel	1609	1625
	DATE 4-29-03	DATE 4-29-03

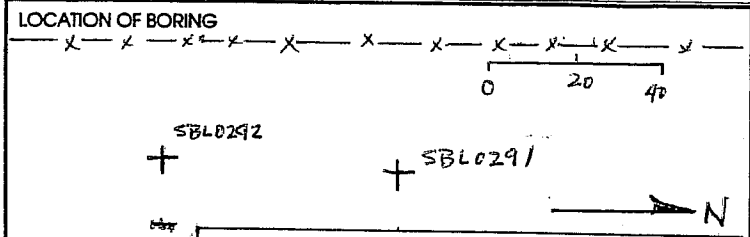
DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10		
	4.0 / 3.9	1621			0.6		11		- Becomes little clay
							12		
							13		- Becomes trace clay
					0.4		14		- gypsum inclusions
							15		Boring completed to ~14.5' on 4-29-03
							16		
							17		
							18		
							19		
							20		

BY Marker Wanek
DATE 4-29-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING



DATUM... Phoenix Bldg ELEVATION

JOB NUMBER	28906318.01000
LOCATION	(Phoenix) APN 7351-34.25
DRILLING METHOD:	Mail M25 vibratory hammer; Hand auger
BORING NUMBER	SBL0292
SAMPLING METHOD:	1.5" acetate sleeves, cont'score; 2" Brass sleeves / manual drive
SHEET	1 OF 2
SURFACE CONDITIONS:	Gravel
DRILLING START TIME	1627
DRILLING FINISH TIME	1700
DATE	4-29-03
DATE	4-29-03

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	GW	
								SC	Very dark brown (~~2.5~~ MW 10YR, 2/2) and dark yellowish-brown (10YR, 4/4) clayey fine SAND w/ silt and gravel
							1		
							2		
		1627			1.2	SSS01736			
	2.5 / 2.4	1630			1.8		3		
									- Becomes trace gravel
							4		- Becomes no gravel
					1.2			SM	Dark yellowish brown (10YR 4/4) fine-med SAND w/ silt, damp, dense
	4.0 / 3.5	1634			1.8		5		- Gray (5Y, 5/1) sand inclusions
									- Becomes dark brown (7.5YR, 3/4) med sand w/ some silt, ~~no root casts~~
					1.5		6	CL	Dark brown (7.5YR, 3/3) CLAY w/ sand and ~~tt~~ silt
						SSS01737	7		- Becomes sandy w/ trace gravel
					2.5		8		
	4.0 / 3.5	1639			1.3		9		- Becomes little gravel, mottled w/ dk yellowish-brown and light olive-brown silty/sandy inclusions (FILL)
							10		

BY Mark Wanek CHECKED BY DLM

DATE 4-29-03

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-34-25

DRILLING METHOD: Mod M25 vibratory hammer; Hand auger

BORING NUMBER: SBL0292

SAMPLING METHOD: 1.5" acetate sleeves, cat's cane; 2" brass sleeve / manual drive

SHEET: 2 OF 2

DRILLING CONTRACTOR: Cregg

DATUM...

ELEVATION

SURFACE CONDITIONS: Gravel.

DRILLING START TIME: 1627

DRILLING FINISH TIME: 1700

DRILLING START DATE: 4-29-03

DRILLING FINISH DATE: 4-29-03

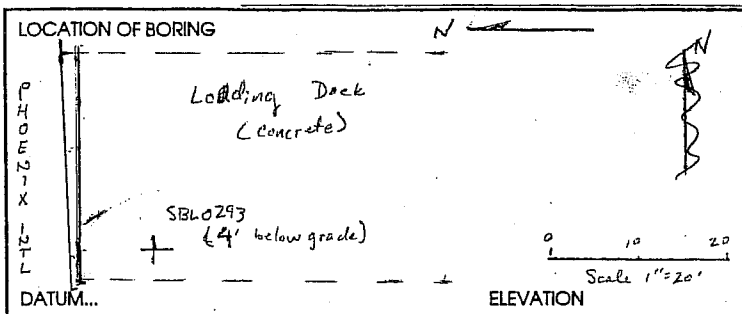
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	CL	
					0.6	MW	11	SM	Strong brown (7.5YR, 4/6) med. SAND w/ little silt, moist, med. dense (Native)
					0.6		12		
	3.0 / 2.5	1655			0.6		13		- Becomes olive-brown (2.5Y, 4/4) silty, very dense, root casts & burrows
							14		- Becomes mottled w/ brown (7.5YR, 4/4)
					0.6		15		- Becomes strong brown (7.5YR, 4/6) little silt, wet, no bioturbation evident
							16		Boring completed to ~16' on 4-29-03
							17		
							18		
							19		
							20		

BY: Mark Wanek

DATE: 4-29-03 CHECKED BY: DCM

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	28906318.01000
LOCATION	(Next to Phoenix) APN 7351-34-25
DRILLING METHOD:	Marl M25 vibratory hammer Hand auger
BORING NUMBER	SBL0293
SAMPLING METHOD:	1.5" acetate sleeves 2" brass sleeve / manual drive
SHEET	1 OF 2
SURFACE CONDITIONS:	0.3' Concrete
DRILLING START TIME	0725
DRILLING START DATE	4-30-03
DRILLING FINISH TIME	0755
DRILLING FINISH DATE	4-30-03

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	
								SM	Light olive-brown (2.5Y, 5/4) silty very fine SAND, moist, dense, root casts & burrows
							1		
	4.0 / 1.5	0738			0.2		2		
					0.7	SSS01738			
					0.6		3		
							4		
							5		
	4.0 / 3.6 ~~3.8~~	0742			1.4		6	SC	Light olive-brown (2.5Y, 5/4) clayey very fine SAND w/ silt, moist, dense, root casts and burrows
					0.1	SSS01739	7		
								SM	Light olive-brown (2.5Y 5/4) silty very fine SAND w/ some clay, damp, dense, root casts and burrows
							8		
					1.0				- Becomes trace clay
							9		
	4.0 / 2.8	0745			0.1				- Becomes olive-brown (2.5Y, 4/4), no clay
							10		- Becomes trace clay

BY Mark Wanek CHECKED BY DLM

DATE 4-30-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-25

DRILLING METHOD:	BORING NUMBER
Mobil M25, vibratory hammer Hand auger	SBL0293
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, continuous core 2" Brass sleeves/ manual drive	2 OF 2

DRILLING CONTRACTOR Gregg

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.3' Concrete	0725	0758
	DATE 4-30-03	DATE 4-30-03

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	
					0.4		12	CL
							13	
	4.0 / 3.7	0750			0.3		14	
								SC
							15	SM
							16	
					0.4		17	
							18	
							19	
							20	

- Increased silt
- gypsum inclusions

~~Light~~ olive-brown (2.5Y 4/4) silty ~~very~~ CLAY w/ very fine ~~fine~~ sand, ~~soft~~ moist, soft, gypsum

- Becomes sandy

Dark yellowish-brown (10YR 3/4) clayey fine SAND, moist, dense

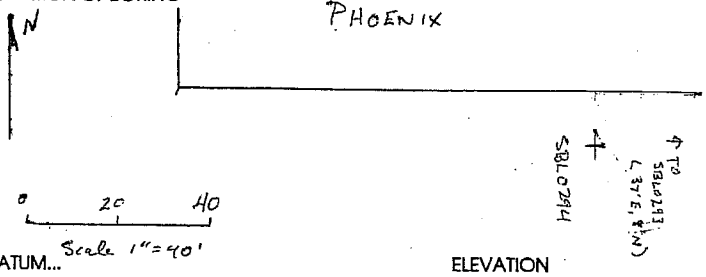
Dark yellowish-brown (10YR 4/6) silty, very fine SAND, moist, dense, root casts & burrows

Boring completed to ~17.5' on 4-30-03

BY Mark Wenek DATE 4-30-03 CHECKED BY DM

BORING LOG

LOCATION OF BORING: PHOENIX



N

0 20 40

Scale 1"=40'

DATUM...

ELEVATION

SBL0294

TO SBL0293 (37'E, 8'N)

JOB NUMBER	LOCATION (Next to Phoenix)
28906318.01000	APN 7351-34-25

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer Hand Auger	SBL0294
SAMPLING METHOD:	SHEET 1 OF 2
1.5" acetate sleeves, cont's core 2" Brass sleeve / manual drive	DRILLING START TIME 0758 DATE 4-30-03 / FINISH TIME 0820 DATE 4-30-03

SURFACE CONDITIONS: 0.3' 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	A/C	Asphalt
	4.0 / 2.6	0759			0.4			CL	Very dark grayish-brown (10YR, 3/2) ~~gravelly~~ sandy CLAY w/ silt and trace gravel (FILL) → moist, med. stiff
							1		→ Becomes gravelly
									→ Becomes sandy w/ trace gravel
		0759 ~~080~~			0.1	SSS01740	2		- Becomes mottled w/ dark yellowish-brown (10YR, 4/6)
					0.1		3		- Becomes gravelly
	4.0 / 3.4	0803			0.4		4		- Trace gravel
					0.1		5		
					0.2	SSS01741	7		
	4.0 / 3.8	0812			0.5		8		- Becomes dk brown (10YR, 3/3) and dark yellowish-brown
					0.4		9	SM	Sharp contact at ~8.7', Dark yellowish-brown (10YR, 3/4) silty, very fine-fine SAND, moist, dense, root casts (Native) - Becomes trace clay from ~9.6-9.8'
							10		

BY Mark Warner CHECKED BY DLM

DATE 4-30-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
2890618.01000	APN 7351-34-25

DRILLING METHOD: Marl M25 vibratory hammer; Hand auger

BORING NUMBER: SBL0294

SAMPLING METHOD: 1.5" acetate sleeve, cont'd core; 2" Brass sleeve / manual drive

SHEET: 2 OF 2

DRILLING: START TIME 0755, DATE 4-30-03; FINISH TIME 0820, DATE 4-30-03

DATUM... ELEVATION

SURFACE CONDITIONS: 0.3' Asphalt

DRILLING CONTRACTOR Gregg

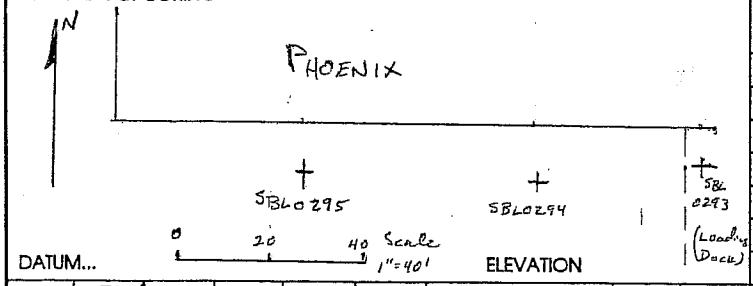
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
					0.4		10	SM	-Becomes very dense, increased bioturbation
							11		
					0.2				-Becomes light olive-brown (2.5Y, 5/4) med. dense, slight gypsum inclusions
	4.0 / 2.7	0815			0.4		12		-Increased silt
							13		- Decreased silt, very fine sand
							14		-Becomes very fine-fine SAND, dark yellowish-brown (10 YR, 3/6)
					1.6		15		
							16		Boring completed to a 16' on 4-30-03
							7		
							8		
							9		
							0		

BY Mark Wanek DATE 4.30-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	LOCATION (Phoenix)
28906318.01000	APN 7351-34-25

DRILLING METHOD:	BORING NUMBER
Mark M25 Vibratory hammer Hand auger	SBL0295
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, cat's cane 2" Brass sleeve / manual driver	1 OF 2

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
	TIME 0830	TIME 0907
0.3' Asphalt	DATE 4-30-03	DATE 4-30-03

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
								CL	Dark brown & dark yellowish-brown (10YR, 4/6) silty CLAY w/ very fine sand and little gravel
							1		
							2		
		0835			0.3	SSS01742			
							3		- Becomes gravelly - Becomes trace gravel
							4		- Becomes no gravel
	4.0 / 2.5	0850			0.2		5		
					0.2		6		- Becomes olive-brown (2.5Y, 4/3) - Becomes sandy, dark brown (10YR, 3/3)
					0.7	SSS01743	7		
							8	SM	
	4.0 / 3.1	0859			0.2 ~~1.3~~ mw		9		Dark yellowish-brown (10YR, 3/6) silty fine SAND, damp, dense, root coats & burrows
							10		- Becomes light olive-brown (2.5Y, 5/4) very fine and fine sand

BY Mark Wanek CHECKED BY DLM

DATE 4-30-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER 28906318.01000

LOCATION APN 7351-34-25

DRILLING METHOD: Mod M75 vibratory hammer, Hand Auger

BORING NUMBER SBL0295

SAMPLING METHOD: 1.5" acetate sleeve, cut's cm, 2" Brass sleeve / manual drive

SHEET 2 OF 2

DRILLING: START TIME 0830 DATE 4-30-03; FINISH TIME 0907 DATE 4-30-03

SURFACE CONDITIONS: 0.3' 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
					0.1 (mw)			
							11	
					0.3			
							12	ML
								CL
	4.0 / 2.7	0906			0.3		13	
					0.2		14	
								SC
								SM
					0.2		15	SP
								SM
							16	
							17	
							18	
							19	
							20	

- Becomes dark yellowish-brown (10 YR 3/6), decreased silt
- Becomes increased silt, very dense
- Becomes med. dense

Dark yellowish-brown (10 YR, 3/6 and 4/6) very fine sandy SILT; damp, dense

Dark yellowish-brown (10 YR, 3/6) sandy CLAY w/ trace silt, moist, soft, root casts
- increased silt
- increased sand

Dark yellowish-brown (10 YR, 3/6) clayey very fine SAND, moist, med. dense, root casts

Dark yellowish-brown (10 YR, 4/4) and olive-brown (2.5 Y 4/4) silty very fine SAND, moist, dense, root casts

↳ Brownish-yellow (10 YR, 6/6) fine SAND w/ trace silt, damp, dense

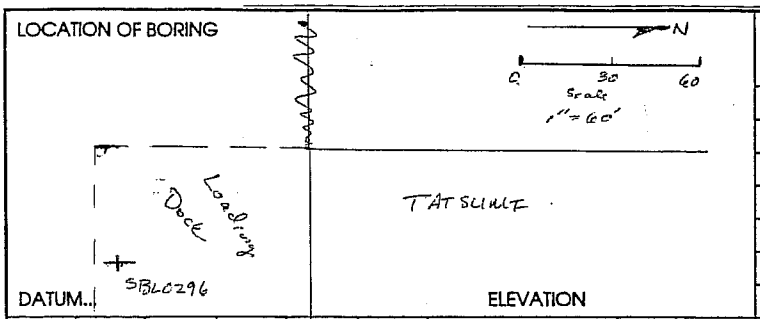
Olive-brown (2.5 Y, 4/4) silty very fine SAND, damp, dense, root casts

Boring Completed to ~17' on 4-30-03

BY Mark Wilmet DATE 4-30-03 CHECKED BY Dan

BORING LOG

LOCATION OF BORING



DATUM..

ELEVATION

JOB NUMBER	28906318.01000
LOCATION	(Tatsumi) APN 7351-34-69
DRILLING METHOD:	Marl M25, vibratory hammer; Hand auger
BORING NUMBER	SBL0296
SAMPLING METHOD:	1.5" acetate sleeve, cont'score; 2" Brass sleeve/Manual drive
SHEET	1 OF 2
SURFACE CONDITIONS:	0.4' ~~As~~ Concrete
DRILLING START TIME	1030
DRILLING FINISH TIME	1105
DATE	4-30-03
DATE	4-30-03

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	Dark brown (10YR, 3/3) or silty CLAY w/ very fine SAND (FILL)
							1		
							2		
		1033			6.8	SBL01744			
							3		- little gravel
							4	SM	Dark yellowish-brown (10YR, 4/6) silty, very fine and fine SAND, damp, med. dense ↳ w/ trace clay
									- Becomes olive-brown (2.5Y, 4/4)
	4.0 / 2.6	1053			1.3		5		- Root casts, becomes dense
					2.0		6		
					0.3	SBL01745	7		
							8		
	4.0 / 3.8	1056			0.4		9		- Becomes little clay
							10		- Some gravel at ~9.5', gypsum; - Trace gravel; - No gravel

BY Mark Wanek

DATE 4-30-03

CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-34-69

DRILLING METHOD: Marl AF M25, vibratory hammer; Hand auger

BORING NUMBER: SBL0296

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

SHEET: 2 OF 2

DRILLING: START TIME 1030, FINISH TIME 1105; START DATE 4-30-03, FINISH DATE 4-30-03

SURFACE CONDITIONS: 0.4' Concrete

DATUM... ELEVATION

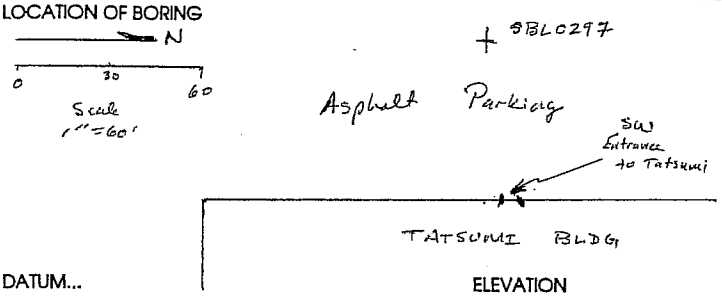
DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SM	
					2.4		11		
							12	GM	Light olive-brown (2.5 Y, 5/4) silty GRAVEL w/ [illegible]
					1.2			SM	Light olive-brown silty very fine SAND, damp, [illegible] dense, root casts
	4.0/3.3	1104			2.6		13	GM	Light olive brown silty GRAVEL w/ very fine sand
								SM	Olive-brown (2.5 Y, 4/4) silty very fine SAND, damp, dense, root casts
					0.8		14		To ~0.1' lens of light olive-brown clay
							15		
									- few cobbles (to 0.1' diam) from 2.6-2.8'
					0.4		16		
							17		Boring completed to ~17' on 4-30-03
							18		
							19		
							20		

BY Mark Wanek DATE 4-30-03 CHECKED BY DUM

BORING LOG

LOCATION OF BORING



DATUM...

ELEVATION

JOB NUMBER	LOCATION (TATSUMI)
28906318.01000	APN 7351-34-69

DRILLING METHOD:	BORING NUMBER
Mail M25 vibratory hammer Hand auger	SBL0297
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, cont's core 2" Brass sleeve/manual drive	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.25' Asphalt	1240	1305
	DATE 4-30-03	DATE 4-30-03

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
								CL	Very dark gray ~~[illegible]~~ (10YR, 3/1) sandy CLAY w/ silt and gravel
							1		
							2		
		1240			0.3	SSS0 1746			
							3		
							4		
	4.0 / 3.8	1257			0.2		5		-Becomes olive-brown
									- Becomes dark olive brown, mottled w/ dark yellowish-brown (10 YR, 4/6) (2.5Y, 3/3)
					~~0.1~~		6		- Becomes olive-brown, increased gravel
					0.1				
						SSS0 1747	7	SM	~~Olive~~ Light olive-brown (2.5Y, 5/4) silty very fine SAND, moist, dense, root casts ~~fine clay laminae from ~7~~
					0.5		8		- Fine clay laminae (dark brown) from ~8.2-8.3'
	4.0 / 2.6	1259			0.2		9		
							10		

BY Mark Wanek CHECKED BY DLM

DATE 4-30-03

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-34-69

DRILLING METHOD:	BORING NUMBER
Marl M25 vibratory hammer Hand auger	SBL0297
SAMPLING METHOD:	SHEET
1.5" acetate liners, continuous core 2" Brass sleeve/manual driver	2 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.25' Asphalt	1240	1305
	DATE 4-30-03	DATE 4-30-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
								SM	
							10		- Becomes mottled w/ olive-brown (2.5Y, 4/4) from ~10.1 - 10.6'
					0.7				
					0.3		11		- Becomes med. dense, decreased silt, little to no bioturbation
							12		
	4.0 / 3.4	1304			0.4		13		- Becomes light olive-brown (2.5Y, 5/3) - increased silt, mottled w/ gypsum inclusions, faint bioturbation, slight chemical odor - Becomes darker (2.5Y, 5/4)
							14		
					0.6		15		
									- Becomes little silt, fine-med. sand, med. dense
					1.0		16		- Becomes olive-gray (5Y, 4/2) increased silt, very fine sand, dense, increased bioturbation
							17		Boring completed to ~17' on 4-30-03
							18		
							19		
							20		

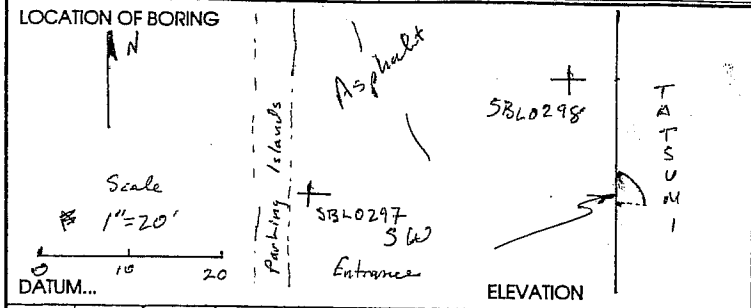
DRILLING CONTRACTOR Gregg

BY Mark Wanek

DATE 4-30-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING



JOB NUMBER	LOCATION (Tatsumi)
28906318.01000	APN 7351-34-69

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer Hand Auger	SBL0298
SAMPLING METHOD:	SHEET
1.5" acetate sleeves, Cont's core 2" Brass sleeve / Manual drive	1 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.	1307	1338
	DATE 4-30-03	DATE 4-30-03

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	Very dark grayish brown (10YR 3/2) sandy CLAY w/ silt and gravel, moist, ~~sti~~ very stiff
							1		
		1308			0.3	SSS01748	2		
									- Becomes stiff
							3		
							4		- Becomes light olive-brown (2.5Y, 5/4) mottled w/ olive-brown, soft
	4.0 / 3.8	1331			0.4		5		- Becomes wet
							6		
					0.3				- Becomes - moist
						SS01749	7	SM	Olive-brown (2.5Y, 5/4) silty very fine SAND damp, dense, root casts
							8		
					0.4				
	4.0 / 3.0	1335			0.4		9		- Becomes very dense
							10		

BY Mark Wanek
DATE 4-30-03
CHECKED BY DLM

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-69

DRILLING METHOD: Mark II 25 vibratory hammer; Hand auger

BORING NUMBER: SBL0298

SAMPLING METHOD: 1.5" acetate sleeves, cont's core; 2" Brass sleeves/Manual drive

SHEET: 2 OF 2

DRILLING: START TIME 1337, DATE 4-30-03; FINISH TIME 1338, DATE 4-30-03

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
					0.2			
							11	
					0.6		12	
	4.0 / 3.5	1337			0.3		13	
							14	
					0.3		15	
							16	
					0.2			
							17	
							18	
							19	
							20	

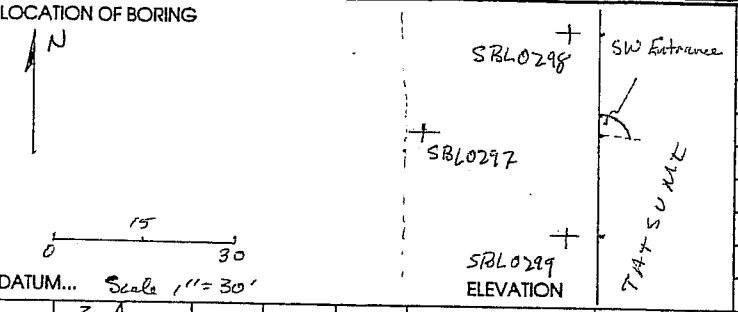
- 0.4' of very pale brown (10YR, 8/3) cobbles to 0.5' diam.
- Becomes dark yellowish-brown (10YR, 4/4)
- Becomes olive-brown (2.5Y, 4/4), decreased silt and med. dense
- Becomes silty, dense
- Becomes light olive brown (2.5Y, 5/4), mottled w/ gypsum
- trace gravel
- Becomes med. dense, w/ silt
- trace gravel

Boring completed to 17' on 4-30-03

BY Mark Wheet DATE 4-30-03 CHECKED BY

BORING LOG

LOCATION OF BORING



DATUM... Scale 1" = 30'

ELEVATION

JOB NUMBER	LOCATION (Tatsumi)
28906318.01000	APN 7351-34-69

DRILLING METHOD: Mod M25 vibratory hammer, Hand auger

BORING NUMBER: SBL0299

SAMPLING METHOD: 1.5" acetate sleeve, cut's core, 2" Brass sleeve / manual drive

SHEET: 1 OF 2

DRILLING: START TIME 1340 DATE 4-30-03; FINISH TIME 1440 DATE 4-30-03

SURFACE CONDITIONS: 0.25' asphalt

DRILLING CONTRACTOR Gregg

BY Mark Wenzel DATE 4-30-03 CHECKED BY DLM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
		1340			0.3		0	A/C
							1	CL
							2	
							3	
							4	
							5	
	4.0 / 3.6	1431			13.3		6	
						BSS01750		
					0.8		7	
					0.0 ppm			
							8	
					0.6			
							9	
	4.0 / 3.8	1434			2.0		10	SM

Asphalt

Very Dark grayish brown (10YR 3/2) to sandy CLAY w/ gravel, moist, med. stiff

no sample here

- Becomes gravelly, mottled w/ olive-brown (2.5Y, 4/4), soft
- Becomes trace gravel, stiff
- Becomes wet, soft

Becomes black, heavily stained, styrene odor

Becomes dark olive-brown (2.5Y 3/3) and dark yellowish brown, moderate odor

no sample here

- NH4 or no apparent odor

Olive-brown (2.5Y, 4/4) silty, very fine SAND, Moist, dense - very dense, root casts, sharp contact at ~9.8' (Native)

BORING LOG

LOCATION OF BORING

DATUM... ELEVATION

JOB NUMBER	LOCATION
28906319.01000	APN 7351-34-69

DRILLING METHOD:	BORING NUMBER
Mavl M25 vibratory hammer Hand Auger	SBL0299
SAMPLING METHOD:	SHEET
1.5" acetate sleeve / continuous 2" Brass sleeves / manual drive	2 OF 2

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
0.25' asphalt	1340	1440
	DATE 4-30-03	DATE 4-30-03

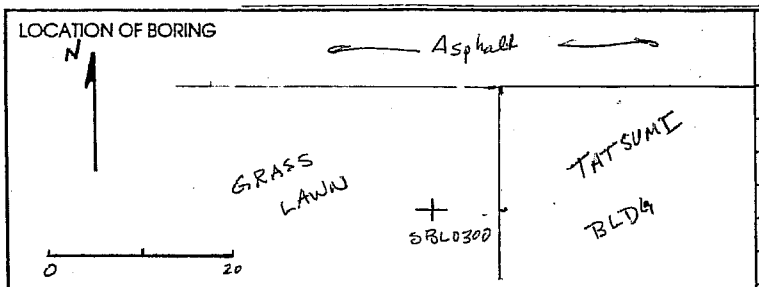
DRILLING CONTRACTOR Gregg

BY Mark Wenck DATE 4-30-03 CHECKED BY DM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	CL SM	Olive-brown (2.5Y 4/4) silty fine SAND, moist dense-very dense, root casts, sharp contact at ~9.8' (Native)
							11		
							12		
					3.0		13		
	4.0 / 3.3	1436			1.0				- Becomes fine sand, little silt, med. dense, faint root casts
							14		- Becomes light olive-brown (2.5Y 5/4) silty mottled w/ gypsum, increased root casts, dense, very fine sand - Becomes olive-brown (2.5Y 4/4), no gypsum
							15		
					0.8		16		- Becomes little to some silt, less dense
							17		Becomes Boring completed to ~17' on 4-30-03
							18		
							19		
							20		

BORING LOG

LOCATION OF BORING



DATUM... Scale 1" = 20'

ELEVATION

JOB NUMBER	LOCATION (NW Tatsumi)
28906318.01000	APN 7351-34-~~59~~ 69

DRILLING METHOD:	BORING NUMBER
Mail M25 vibratory hammer Hand auger	SBL 0300
SAMPLING METHOD:	SHEET
1.5" acetate liners, continuous core 2" brass sleeve/manual drive	1 OF ~~2~~ 1

SURFACE CONDITIONS:	DRILLING START	DRILLING FINISH
Grass	TIME 1540	TIME 1640
	DATE 4-30-03	DATE 4-30-03

DRILLING CONTRACTOR Gregg

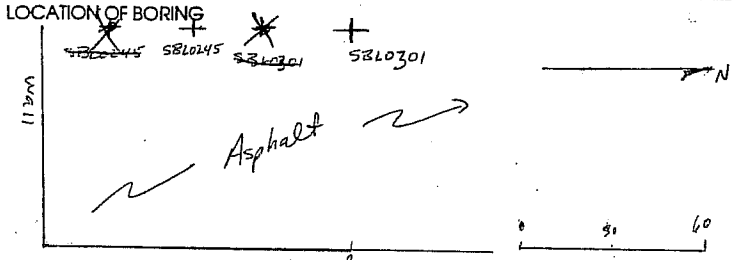
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	CL	Very dark grayish brown (10 YR, 3/2) sandy CLAY w/ silt and gravel, roots
									- no roots, becomes gravelly
							1		- Becomes ~~trace~~ little gravel, mottled w/ dark brown (10 YR, 3/3)
		1600			3.6				- Becomes little gravel
							2		- faint petrochemical odor
									- Becomes mottled w/ dark grayish-brown (2.5Y, 4/2)
							3		
	4.0 / 3.5	1613							
					6.2		4		- Becomes streaked w/ black, moderate odor w/ staining
							5		- Becomes strong odor
							6		- Becomes dark olive-gray (5Y, 3/2) - Becomes dark brown and dark yellowish-brown
		1613			2.9 ~~1613~~	SSS01751			- Becomes Black, strong odor & heavily stained
							7		Boring completed to ~7' (Refusal) on 4-30-03
							8		
							9		
							10		

BY Mark Wanek

DATE 4-30-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING



DATUM... RR Donnelly Bldg ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-15

DRILLING METHOD: Mark 1125 vibratory hammer; Hand auger

BORING NUMBER: SBL0301

SAMPLING METHOD: 1.5" acetate sleeves; 2" brass sleeves / manual driver

SHEET: 1 OF 2

DRILLING: START TIME 0740, DATE 5-01-03; FINISH TIME 0808, DATE 5-01-03

SURFACE CONDITIONS: 0.2' Asphalt

DRILLING CONTRACTOR Gregg

BY Mark Wanek DATE 5-01-03 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
								SM	Very dark brown (7.5YR 2.5/3) silty fine SAND w/ trace clay
							1		
		0740			0.3	SSS01752	2	CL	Dark brown (7.5YR, 3/2) silty CLAY w/ fine sand and some gravel, ~~stiff~~ moist, stiff
							3		
							4		
							5		- Becomes dark yellowish-brown (10YR, 4/6)
	4.0/3.4	0800			0.2				
							6		- becomes ~~mottled~~ sandy, root casts evident
							7		- Becomes olive-brown (2.5Y, 4/4)
		0800			0.3	SSS01753			
							8		
					0.5				
							9		- Becomes ~~soft~~ med. stiff
	4.0/3.4	0803			0.2				
							10		

BORING LOG

LOCATION OF BORING

DATUM... ELEVATION

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-34-15

DRILLING METHOD: Mar1 M25 vibratory hammer, Hand auger

BORING NUMBER: SBL0301

SAMPLING METHOD: 1.5" acetate sleeves, continuous core, 2" brass sleeves/manual

SHEET 2 OF 2

SURFACE CONDITIONS: 0.2' Asphalt

DRILLING

START	FINISH
TIME	TIME
0740	0808
DATE	DATE
5-01-03	5-01-03

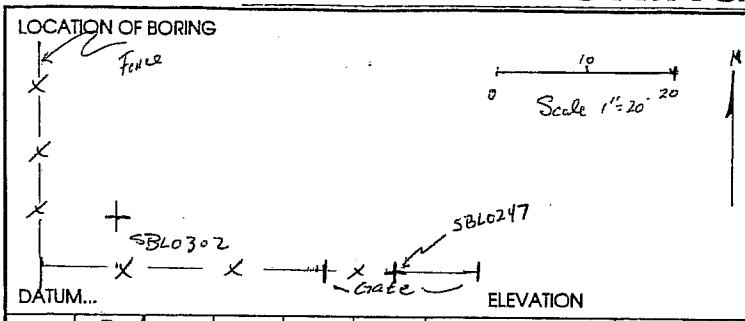
DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	CL	- Becomes increased sand, root casts faint
					0.5		11		- Becomes decreased clay & increased silt
					0.2		12	SM	Olive-brown (2.5Y, 4/4) silty very fine-fine SAND w/ ~~trace~~ little clay, faint root casts, moist, med. dense
	4.0 / 3.9	0806			0.2		13		- Becomes trace clay, increased root casts
		0806			0.9	SSS01754	14		
					0.5		15		- Becomes light olive-brown (2.5Y, 5/6), decreased silt, med. dense
							16		
							17		Boring completed to -17' on 5-01-03
							18		
							19		
							20		

BY Mark Wanek

DATE 5-01-03 CHECKED BY [illegible]

BORING LOG



JOB NUMBER	LOCATION (RR Donnelly N)
28906318.01000	APN 7351-34-15

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer Hand Auger	SBL0302
SAMPLING METHOD:	SHEET 1 OF 2
1.5" Acetate sleeves, cont's core 2" Brass sleeves / manual drive	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME: 0810 / 0835
0.2' Asphalt	DATE: 5-01-03 / 5-01-03

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
							1	
		0813			0.8	SS501755	2	
							3	
							4	
							5	
							6	
	4.0/2.9	0824			0.2			
							7	
		0826			0.1	SS501756		
							8	
					0.2		9	
							10	
	4.0/3.4	0828						

Asphalt

Dark yellowish-brown (10YR, 3/4) sandy CLAY w/si
Moist, stiff

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

~~- Becomes~~

- Root casts apparent

- Becomes sandier

BY Mark Wanek
DATE 5-01-03
CHECKED BY DLM

BORING LOG

LOCATION OF BORING

DATUM...

ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-15

DRILLING METHOD: Marl M25 vibratory hammer

BORING NUMBER: SBL0302

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

SHEET 2 OF 2

SURFACE CONDITIONS: 0.2' Asphalt

DRILLING	START	FINISH
TIME	0810	0835
DATE	5-01-03	5-01-03

DRILLING CONTRACTOR Gregg

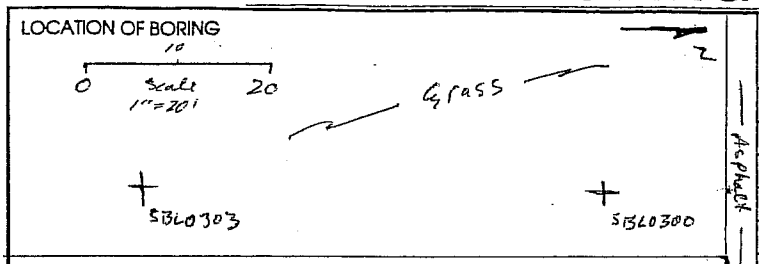
SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
								CL	
	4.0 / 3.4	0828			0.2		10		
							11		- Gypsum, decreased clay & increased sand & silt
								SM	
							12		Olive-brown (2.5Y, 4/4) silty very fine SAND w/ clay, moist, dense, root-casts
									- Becomes trace clay
									- Becomes no clay
					0.2		13		- Becomes increased silt
	2.5 / 2.4	0830			0.5		14		
					1.5	SSS01757	15		- increased gypsum
									- Becomes med. dense
					0.2		16		
							17		Boring completed to ~16 ½' on 5-01-03
							18		
							19		
							20		

BY Mark Wanek

DATE 5-01-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING



DATUM... TATSUMI Bldg ELEVATION

JOB NUMBER	28906318.01000
LOCATION	(NW Tatsumi) APN 7351-34-~~59~~ 69
DRILLING METHOD:	Hand auger
BORING NUMBER	SBL0303
SAMPLING METHOD:	2" brass sleeve/manual drive
SHEET	1 OF 2
SURFACE CONDITIONS:	Grass
DRILLING START TIME	0955
DRILLING FINISH TIME	1045
DRILLING DATE	5-01-03
DRILLING DATE	5-01-03

DRILLING CONTRACTOR Gregg

BY Mark Wanek DATE 5-01-03 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	SM	~~SM~~ Brown silty fine SAND, moist, loose, roots ~~#~~ (Topsoil)
								CL	Dark brown sandy CLAY w/ silt, moist, med. stiff (FILL)
							1		
		0959			0.1				
							2		- Becomes trace gravel
							3		
							4		
		1005			0.2			SM	Olive-brown silty very fine-fine SAND, moist, med. dense, moderate petrochemical odor
		1009			0.2		5		
		1011							
							6		- Becomes light olive-brown (2.5Y, 5/6) strong odor
					334				
							7		
							8		
							9		
					774		10		
		1045			711	SSS01758			

BORING LOG

LOCATION OF BORING

JOB NUMBER: 289063I8.01000

LOCATION: APN 7351-34-~~69~~ 69

DRILLING METHOD: Hand auger

BORING NUMBER: SBL0303

SAMPLING METHOD: 2" Brass sleeve / manual drive

SHEET: 2 OF 8 2

DRILLING: START TIME / FINISH TIME

SURFACE CONDITIONS: Grass

DRILLING START DATE: 5-01-03 / FINISH DATE: 5-01-03

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
					711		11	
							12	
					702		13	
							14	
					43.4		15	
					131		16	
							17	
							18	
							19	
							20	

- odor decreased

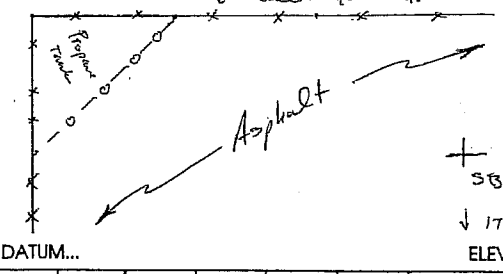
Boring completed to ~ 15' on 5-01-03

BY Mark Daniels DATE 5-01-03 CHECKED BY DLM

DAMES & MOORE

BORING LOG

LOCATION OF BORING: Scale 1"=40' (0, 20, 40) — N



DATUM...

JOB NUMBER	LOCATION (Coke)
28906318.01000	7351-34-57

DRILLING METHOD: Mud Rot ~~D50~~ M25 w/ bentonite, hammer, Hand auger

BORING NUMBER: SBL0304

SAMPLING METHOD: 1.5" acetate sleeves, continuous core; 2" Brass sleeves

SHEET: 1 OF 2

SURFACE CONDITIONS: 0.3' Asphalt

DRILLING START: TIME 1140, DATE 5-1-03

DRILLING FINISH: TIME 1215, DATE 5-1-03

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
								CL	Very dark grayish brown (10YR 3/2) sandy CLAY w/ silt, moist, stiff
							1		
							2		
		1143			1.4	~~SS01758~~ MW	3		Sample not collected here MW
									- Becomes dark brown (10YR 3/3), med. stiff
							4		
							5		
	4.0/4.0	1200			0.9				- Becomes dark yellowish brown (10YR 3/4)
						SS01759	6	SM	Sharp contact at 5.6': Light olive-brown (~~10YR~~ 2.5Y 5/4) silty very fine SAND, moist, dense, root casts, trace gravel, gypsum
									- Decreased gypsum, no gravel
							7		
					0.8				
							8		
					1.6		9		
	4.0/3.1	1203			0.8				- ~0.1' lens of gravelly clay
							10		

BY Mark Wanek DATE 5-01-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION
	28906318.01000	APN 7351-34-57

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer Hand auger	SBL0304
SAMPLING METHOD:	SHEET 2 OF 2
1.5" acetate liners, cont's core 2" brass sleeve/manual drive	DRILLING START TIME / FINISH TIME
SURFACE CONDITIONS: 0.3' Asphalt	DATE 5-1-03 / DATE 5-1-03

DATUM... ELEVATION

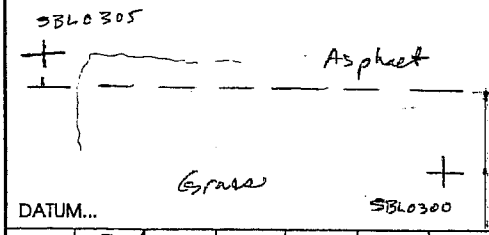
DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							10	SW	
					0.3		11		
					0.9		12		- Becomes lighter (2.5Y, 5/3), increased silt and gypsum, increased root casts
	4.0/4.0	1211			3.0		13		- trace gravel - Becomes ~~X~~ olive-brown (2.5Y, 4/4)
							14		- ~~Becomes~~ ~0.2' of light olive brown gravelly silt - little gravel
					0.1	SSS01760	15		- trace gravel
					0.3		16		
							17		Boring completed to ~17' on ~~MW-2~~ 5-01-03
							18		
							19		
							20		

BY Mark Wanel
DATE 5-01-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING — Scale 1" = 30'



DATUM... ELEVATION

JOB NUMBER	28906318.01000
LOCATION	(NW Tatsumi) APN 7351-34-69
DRILLING METHOD:	Mark M25 vibratory hammer; Hand Auger
BORING NUMBER	SBL0305
SAMPLING METHOD:	1.5" acetate sleeves, continuous core; 2" brass sleeves / manual drive
SHEET	1 OF 2
SURFACE CONDITIONS:	0.3' Asphalt
DRILLING START TIME	1350
DRILLING FINISH TIME	1418
DRILLING START DATE	5-1-03
DRILLING FINISH DATE	5-1-03

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
							1	
							2	
		1400			0.1	SSS 01761		
							3	
							4	SC
	4.0 / 3.4	1414			0.1		5	SM
							6	
					0.1		7	
							8	
					0.1		9	
	4.0 / 3.0	1416			0.1		10	

Very dark grayish-brown (10YR 3/2) and dark brown (10YR 3/3)

Dark yellowish brown (10YR 4/6) clayey ~~Become~~ very fine SAND, ~~no~~ w/ silt, moist dense

Olive-brown (2.5Y 4/4) silty very fine SAND moist, very dense, root casts faint - root casts more prominent

BY Mark Ward DATE 5-01-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING

JOB NUMBER	LOCATION
28906318.01000	ATN 7351-34-69

DRILLING METHOD:	BORING NUMBER
Mark M25 vibratory hammer Hand Auger	SBLO 305
SAMPLING METHOD:	SHEET
1.5" acetate liners, continuous core 2" brass sleeves/manual drive	2 OF 2
	DRILLING
	START / FINISH
SURFACE CONDITIONS:	TIME / TIME
0.3' asphalt	1350 / 1418
	DATE / DATE
	5-01-03 / 5-01-03

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

BY Mark Wayne CHECKED BY DCM

DATE 5-1-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
								SM
					0.1		10	
							11	
					0.1		12	
	4.0 / 3.7	1418			0.1		13	
							14	
					0.1		15	
					0.1		16	
							17	
							18	
							19	
							20	

"Becomes dense, & gradually decreasing silt content

- Becomes light olive-brown (2.5Y, 5/4), gypsum
- Cobbles/gravel from ~15.6-15.8'

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

Boring completed to 17' on 5-1-03

BORING LOG

LOCATION OF BORING: Landscape — SBL0306 — Asphalt Parking — Landscape — Tatsami Bldg — DATUM... SBL0300 — ELEVATION — N — 1" = 30' (0, 15, 30)

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-69

DRILLING METHOD:	BORING NUMBER
Mand M25 vibratory hammer, Hand auger	SBL0306
SAMPLING METHOD:	SHEET
1.5" acetate liners, continuous core; 2" Brass sleeves / manual drive	1 OF 2
SURFACE CONDITIONS: Grass	DRILLING START TIME 1420 DATE 5-1-03; DRILLING FINISH TIME 1510 DATE 5-1-03

DRILLING CONTRACTOR Gregg

BY Mark Wheeler DATE 5-1-03 CHECKED BY DWM

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH	
							0	CL	Dark brown (10YR, 3/3) CLAY w/ fine sand and some silt, damp, very stiff
							1		
		1430			0.1 1430	# 5550 1762	2		
							3		- Becomes stiff
							4	SM	- Becomes MW Dark yellowish-brown (10YR, 4/6) silty very fine-fine SAND w/ trace clay, moist, very dense
	4.0 / 4.0				0.1		5		- faint root cast apparent
							6		
					0.1		7		- Becomes ~~stiff~~ dense
							8		
					0.1		9		Decreasing silt, root casts very faint
	4.0 / 2.4								
					0.1		10		- increased silt

BORING LOG

LOCATION OF BORING

DATUM... ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-69

DRILLING METHOD: Mark 1175 vibratory hammer; Hand auger

BORING NUMBER: SBL0306

SAMPLING METHOD: 1.5" acetate sleeves, cont's core; 2" brass sleeves

SHEET: 2 OF 2

SURFACE CONDITIONS: Grass

DRILLING: START TIME 1420, DATE 5-1-03; FINISH TIME 1510, DATE 5-1-03

DRILLING CONTRACTOR Gregg

BY Mark Wanek DATE 5-01-03 CHECKED BY DBM

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 / 3.5				0.1		13	
							14	
					0.1		15	
							16	
					0.1			
							17	
							18	
							19	
							20	

- Increased silt, Becomes light olive-brown (2.5 Y, 5/4), increased appearance of root casts

- Becomes decreased silt, little or no root casts

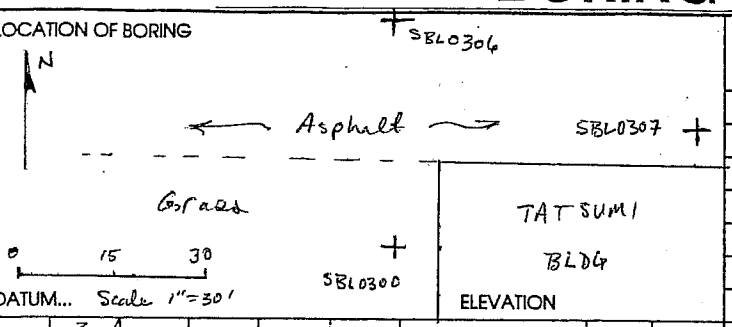
- Increased silt, root casts

- Becomes decreased silt, med. dense, faint, root casts, fine sand

Boring completed to ~ 17' on 5-01-03

BORING LOG

LOCATION OF BORING



DATUM... Scale 1"=30'

ELEVATION

JOB NUMBER	28906318.01000
LOCATION	(NW Tatsumi) APN 7351-34-69
DRILLING METHOD:	Hari M25 Vibratory hammer, Hand auger
BORING NUMBER	SBL0307
SAMPLING METHOD:	1.5" acetate liners, continuous core; 2" brass sleeves / manual drive
SHEET	1 OF 2
DRILLING START TIME	1510
DRILLING FINISH TIME	1540
DRILLING DATE	5-01-03
DRILLING DATE	5-01-03
SURFACE CONDITIONS:	~0.3' 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	A/C	Asphalt
								CL	Very dark grayish-brown sandy CLAY w/ silt and trace gravel,
							1		
					4.4		2		
									- Petroleum odor, becomes very dark gray (10YR, 3/1), to some staining
					14.6		3		- Becomes little, gravel
							4		
					91.5			SM	Olive-brown (2.5Y, 4/3) silty very fine-fine SAND, moist, dense
	4.0 / 3.6				62.3	SSS01763	5		- Becomes very dense, very strong odor
							6		
					3.6		7		- Becomes mottled w/ olive-gray (5Y, 5/2)
									- Becomes dense, no olive-gray, root casts apparent
							8		- Decreased odor
					7.7				
	4.0 / 2.9				7.2		9		
							10		

BY Mark Wanek CHECKED BY DCM

DATE 5-1-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING

JOB NUMBER: 28906318.01000

LOCATION: APN 7351-34-69

DRILLING METHOD: Mar l M25 vibratory hammer; Hand auger

BORING NUMBER: SBLO307

SAMPLING METHOD: ~~M25~~ 1.5" acetate sleeves, cts core; 2" brass sleeves/ manual drive

SHEET: 2 OF 2

DRILLING: START TIME 1510 DATE 5-1-03; FINISH TIME 1540 DATE 5-1-03

DATUM... ELEVATION

SURFACE CONDITIONS: 0.3' 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
							10	SM
					2.2			
							11	
					4.9		12	
	4.0 / 3.9				3.3		13	
							14	
					1.1		15	
							16	
					1.6			
							17	
							18	
							19	
							20	

- Little or no odor
- Becomes dense, decreasing silt, fine sand
- Becomes some silt, light olive-brown (2.5Y, 5/3), no apparent root casts
- Becomes olive-brown (2.5Y, 4/4), ~~trace~~ silty, dense, very fine sand
- Becomes decreased silt, med. dense, fine sand

Boring completed to ~17' on 5-01-03

BY Mark Wheeler CHECKED BY DLM

DATE 5-1-03

BORING LOG

LOCATION OF BORING	JOB NUMBER	LOCATION (NW Tatsumi)
(see page 2)	28906318.01000	APN 7351-34-69

DRILLING METHOD:	BORING NUMBER
Hand auger	SBL0308
SAMPLING METHOD:	SHEET
2" brass sleeve/manual drive	1 OF 2

DATUM... ELEVATION

SURFACE CONDITIONS: Grass

DRILLING	START	FINISH
TIME		
DATE	5-1-03	5-1-03

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	Brown silty very fine-fine SAND w/ trace gravel, ~~root~~ moist, loose, roots (Top soil)
							1	CL	Dark brown & dark yellowish-brown (10YR 3/4) sandy CLAY w/ silt & trace gravel.
		1549 ~~1720~~			0.1		2		
									- decreased gravel
							3		
		1600			0.1		4		
								SM	Olive-brown silty very fine-fine SAND, moist, med. dense
							5		
							6		- Becomes dark yellowish brown (10YR 4/6) light petrochemical odor
		1645			12.4				
							7		
		1658			12.0		8		
									- Becomes dense
		1715			13.5		9		
							10		- dereased odor
		1720			5.1				

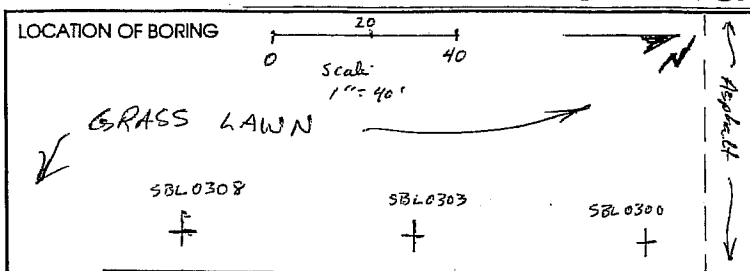
BY Mark Wanek CHECKED BY DLM

DATE 5-1-03

DAMES & MOORE

BORING LOG

LOCATION OF BORING



DATUM... TATSUMI BLDG ELEVATION

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-69

DRILLING METHOD:	BORING NUMBER
~~Mobil M25 vibratory hammer~~ Hand auger	SBL0308
SAMPLING METHOD:	SHEET
2" brass sleeve/Manual drive	2 OF 2

DRILLING CONTRACTOR Gregg

SURFACE CONDITIONS:	DRILLING START TIME	DRILLING FINISH TIME
Grass	1545	1745
	DATE 5-01-03	DATE 5-01-03

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	
		1729			40.1		11	
						SSS01764		
							12	
		1736			13.3			
							13	
		1741			21.9		14	
		1743			22.3			
							15	
							16	
							17	
							18	
							19	
							20	

Dark yellowish brown (10YR, 4/6) silty, very fine ~~SAND~~ to fine SAND, moist, dense

- Becomes moderate, sulfur odor

Boring completed to 19.7' on 5-1-03

BY Mark Wheeler DATE 5-1-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING

(See pg 2)

DATUM... ELEVATION

DRILLING CONTRACTOR Gregg

BY Mark Lukanek DATE 5-2-03 CHECKED BY DLM

JOB NUMBER	LOCATION
28906318.01000	APN 7351-34-69

DRILLING METHOD: Mart M25, vibratory hammer; Hand Auger

BORING NUMBER: SBLO309

SAMPLING METHOD: 1.5" acetate sleeves, cont's core; 2" brass sleeves

SHEET: 1 OF 2

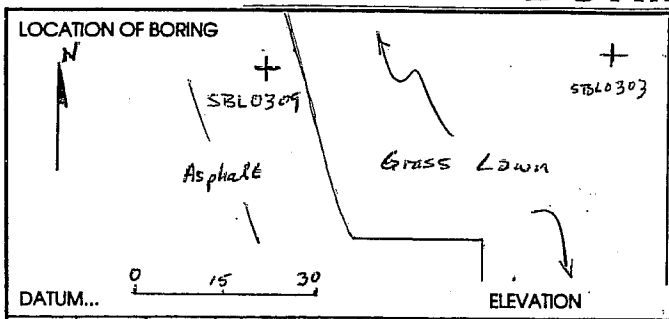
DRILLING: START TIME 0835 DATE 5-02-03; FINISH TIME 0835 DATE 5-02-03

SURFACE CONDITIONS: 0.30' 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
					0.1			X	
							1	CL	~~Gravelly~~ Very dark grayish-brown (2.5Y, 3/2) gravelly CLAY w/ sand and silt
									- Becomes sandy clay w/ trace gravel, dark yellowish-brown (~~2.5Y~~ 10YR, 4/6), slight sulfur odor
							2		- Becomes very dark grayish-brown (10YR, 3/2) moderate odor & staining
		0827	2.2-2.7		0.1	SS501765			- Becomes dark yellowish-brown
									- Becomes olive (5Y, 4/3), s/l gravel, strong odor
							3		- Becomes dark yellowish-brown (10YR, ~~7/6~~ 3/4) MW
									- Becomes decreased sand
					0.3		4		- Becomes dark yellowish-brown (10YR, 4/6)
							5	SILT	Dark yellowish-brown (10YR, 4/6) silty, very fine-fine SAND, moist, med. dense
	4.0/3.7	0816			0.3				- Becomes light olive brown (2.5Y, 5/4), increased silt, dense, root casts
							6		- Becomes decreased silt, med. dense
					0.1		7		
					0.1		8		
	4.0/3.3	0819			0.1		9		- Becomes increased silt
									- Becomes very dense
							10		

BORING LOG

LOCATION OF BORING



DATUM... ELEVATION

JOB NUMBER	28906318.01000
LOCATION	(NW Tatsuni) APN 7351-34-69
DRILLING METHOD:	Mark M25, vibratory hammer, Hand Auger
BORING NUMBER	SBL0309
SAMPLING METHOD:	1.5" Acetate sleeves ~~2" brass~~ no
SHEET	2 OF 2
SURFACE CONDITIONS:	0.3' Asphalt
DRILLING START TIME	0800
DRILLING FINISH TIME	0830
DRILLING START DATE	5-2-03
DRILLING FINISH DATE	5-2-03

DRILLING CONTRACTOR Gregg

SAMPLER TYPE	FEET DRIVEN / FEET RECOVERED	TIME	SAMPLE DEPTH	BLOWS/FT. SAMPLER	PID SAMPLE	SAMPLE NO.	DEPTH IN FEET	SOIL GRAPH
							10	
					0.1		11	
							12	
					0.1			
							13	
	4.0 / 3.8	0823			0.1			
							14	
					0.1		15	
							16	
					0.3			
							17	
							18	
							19	
							20	

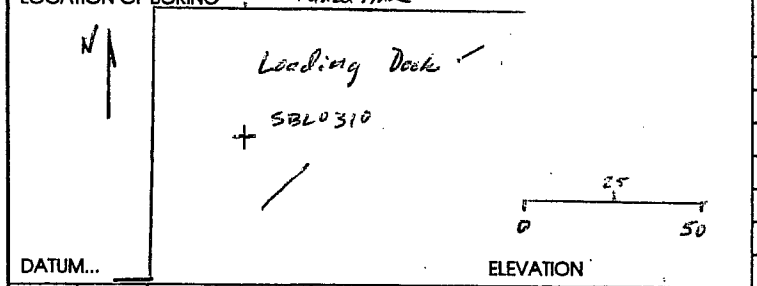
- Becomes med. dense, decreased silt, lighter (2.5Y, 5/6)
- Becomes little silt fine-med. sand, no root casts
- Becomes silty, dense, root casts, very fine sand
- Gypsum inclusions
- No gypsum
- Becomes gradually decreasing silt, increasing grain size to depth of boring.

Boring completed to ~17' on 5-2-03

BY Mark Wanek DATE 5-2-03 CHECKED BY DLM

BORING LOG

LOCATION OF BORING: Parcel Pin



DATUM... ELEVATION

JOB NUMBER	LOCATION (Parcel/pin#)
2890618.01000	APN 7351-33-37

DRILLING METHOD:	BORING NUMBER
~~Mod M25 vibracore hammer~~ Hand auger	SBL0310
SAMPLING METHOD:	SHEET
~~4.5" acetate sleeves, cont's core~~ 2" brass sleeves	1 OF 1
	DRILLING START / FINISH
SURFACE CONDITIONS:	TIME: 0813 / 0835
0.7' Concrete	DATE: 5-13-03 / 5-13-03

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
							1	CL
							2	
		0826			0.1	SS501766		
							3	
		0831			2.1			
							4	
		0835			1.3		5	
							6	
							7	
							8	
							9	
							10	

Concrete

Dark yellowish-brown (10YR 4/6) fine sandy CLAY w/ silt, moist, stiff

Boring completed to ~~5.0~~ 5.0' on 5-13-03

BY Mark Woods DATE 5-13-03 CHECKED BY DLM