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April 18, 2018

Washington State Department of Ecology
Northwest Regional Office
Attention: Ms. Diane Escobedo
3190 160th Avenue SE
Bellevue, WA 98008-5452

Transmittal: Site Boring Logs
Site No. 2840

12807 Des Moines Memorial Drive S
Burien, Washington

Dear Ms. Escobedo:

On behalf of Eagle Canyon Capital, LLC (Eagle), ES Engineering Services, LLC (ES) is submitting the enclosed Site Boring Logs for Site No. 2840, located at 12807 Des Moines Memorial Drive S in Burien, Washington. The boring logs are being submitted in response to the Washington State Department of Ecology's request for documentation in accordance with the Remedial Investigation checklist requirements and to support the review of site files. The Facility Site ID is 45191292 and the Cleanup Site ID is 9267.

The boring logs were obtained from the following reports:

- *Report of Geoenvironmental Services, Subsurface Soil Explorations and Remediation, Jackpot Food Mart Property No. 01-284* prepared by GeoEngineers and dated 04/28/1993;
- *Remedial Investigation Report* prepared by Alisto Engineering Group and dated 01/27/2017;
- *Site Cleanup Action Report* prepared by ES Engineering and dated 09/20/2017.

Transmittal: Voluntary Cleanup Program Application

Site No. 2840
Burien, Washington

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April 18, 2018

If there are questions regarding the enclosed documentation or additional information is required please contact the undersigned at (714) 919-6533 or Lskow@es-online.com. Thank you for your attention to this matter.

Sincerely,
ES Engineering Services, LLC



Laura Skow
Project Manager

Enclosure: Site Boring Logs

Cc. Mr. Hamed Adib, Eagle Canyon Capital

SITE BORING LOGS

SOIL CLASSIFICATION SYSTEM

MAJOR DIVISIONS			GROUP SYMBOL	GROUP NAME
COARSE GRAINED SOILS MORE THAN 50% RETAINED ON NO. 200 SIEVE	GRAVEL MORE THAN 60% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	CLEAN GRAVEL	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
			GP	POORLY-GRADED GRAVEL
		GRAVEL WITH FINES	GM	SILTY GRAVEL
			GC	CLAYEY GRAVEL
	SAND MORE THAN 60% OF COARSE FRACTION PASSES NO. 4 SIEVE	CLEAN SAND	SW	WELL-GRADED SAND, FINE TO COARSE SAND
			SP	POORLY-GRADED SAND
		SAND WITH FINES	SM	SILTY SAND
			SC	CLAYEY SAND
FINE GRAINED SOILS MORE THAN 50% PASSES NO. 200 SIEVE	SILT AND CLAY LIQUID LIMIT LESS THAN 60	INORGANIC	ML	SILT
			CL	CLAY
	ORGANIC	OL	ORGANIC SILT, ORGANIC CLAY	
		SILT AND CLAY LIQUID LIMIT 50 OR MORE	INORGANIC	MH
	CH			CLAY OF HIGH PLASTICITY, FAT CLAY
	ORGANIC		OH	ORGANIC CLAY, ORGANIC SILT
	HIGHLY ORGANIC SOILS			PT

NOTES:

1. Field classification is based on visual examination of soil in general accordance with ASTM D2486-90.
2. Soil classification using laboratory tests is based on ASTM D2487-90.
3. Descriptions of soil density or consistency are based on interpretation of blowcount data, visual appearance of soils, and/or test data.

SOIL MOISTURE MODIFIERS:

Dry - Absence of moisture, dusty, dry to the touch

Moist - Damp, but no visible water

Wet - Visible free water or saturated, usually soil is obtained from below water table

LABORATORY TESTS:

CA Chemical Analysis
GS Grain Size Analysis

FIELD SCREENING TESTS:

Headspace vapor concentration data
given in parts per million

Sheen classification system:

NS No Visible Sheen
SS Slight Sheen
MS Moderate Sheen
HS Heavy Sheen
NT Not Tested

SOIL GRAPH:



SM Soil Group Symbol
(See Note 2)

Distinct Contact Between
Soil Strata

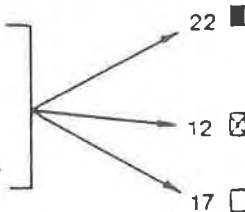
Gradual or Approximate
Location of Change
Between Soil Strata

☼ Water Level

Bottom of Boring

BLOW-COUNT/SAMPLE DATA:

Blows required to drive a 2.4-inch I.D.
split-barrel sampler 12 inches or
other indicated distances using a
300-pound hammer falling 30 inches.

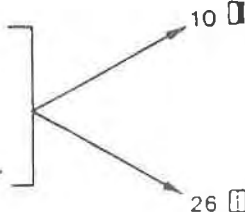


22 ■ Location of relatively
undisturbed sample

12 ☑ Location of disturbed sample

17 □ Location of sampling attempt
with no recovery

Blows required to drive a 1.5-inch I.D.
(SPT) split-barrel sampler 12 inches
or other indicated distances using
140-pound hammer falling 30 inches.



10 □ Location of sample obtained
in general accordance with
Standard Penetration Test
(ASTM D-1586) procedures

26 □ Location of SPT sampling
attempt with no recovery

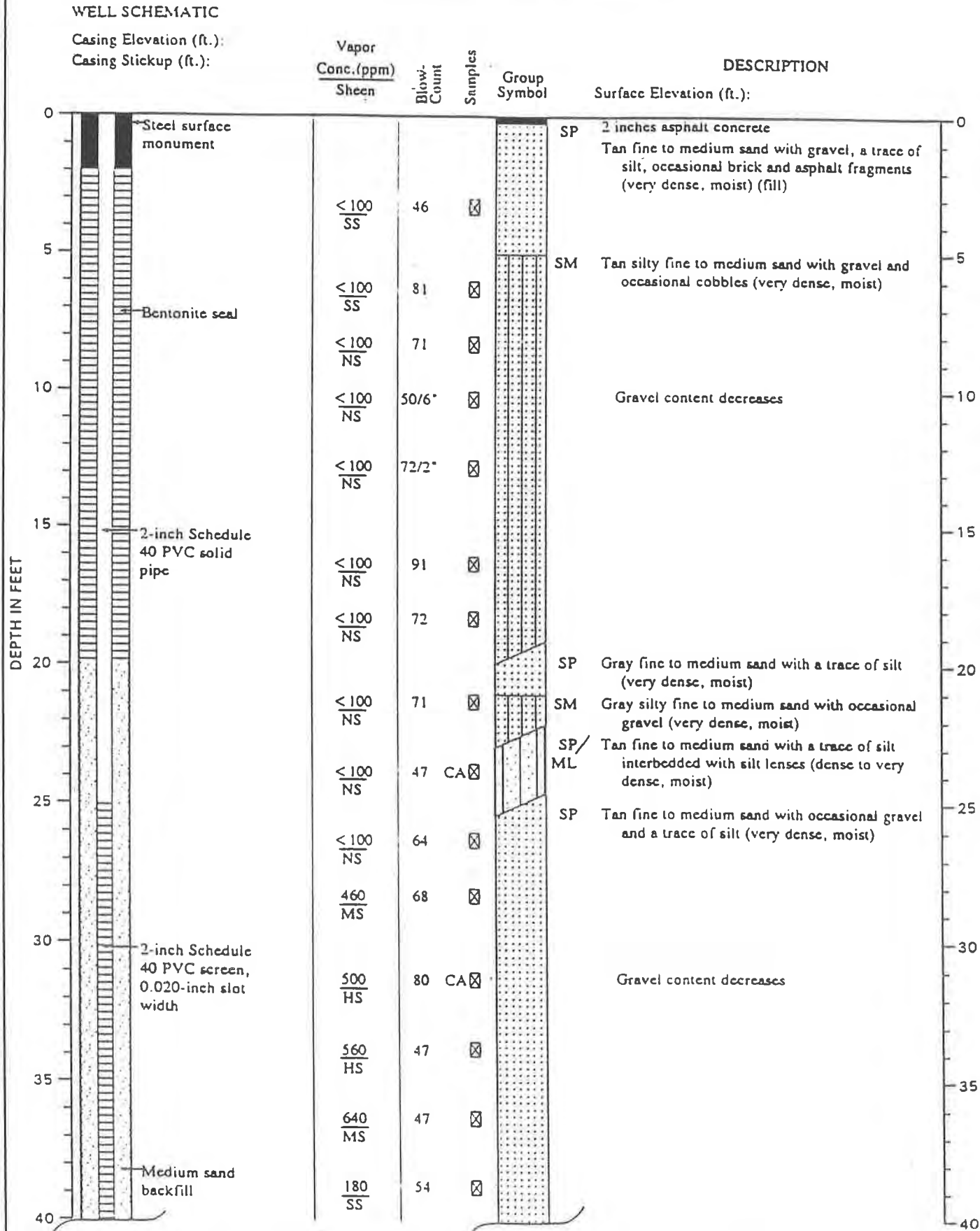
☐ Location of grab sample

"P" indicates sampler pushed with
weight of hammer or against weight
of drill rig.

NOTES:

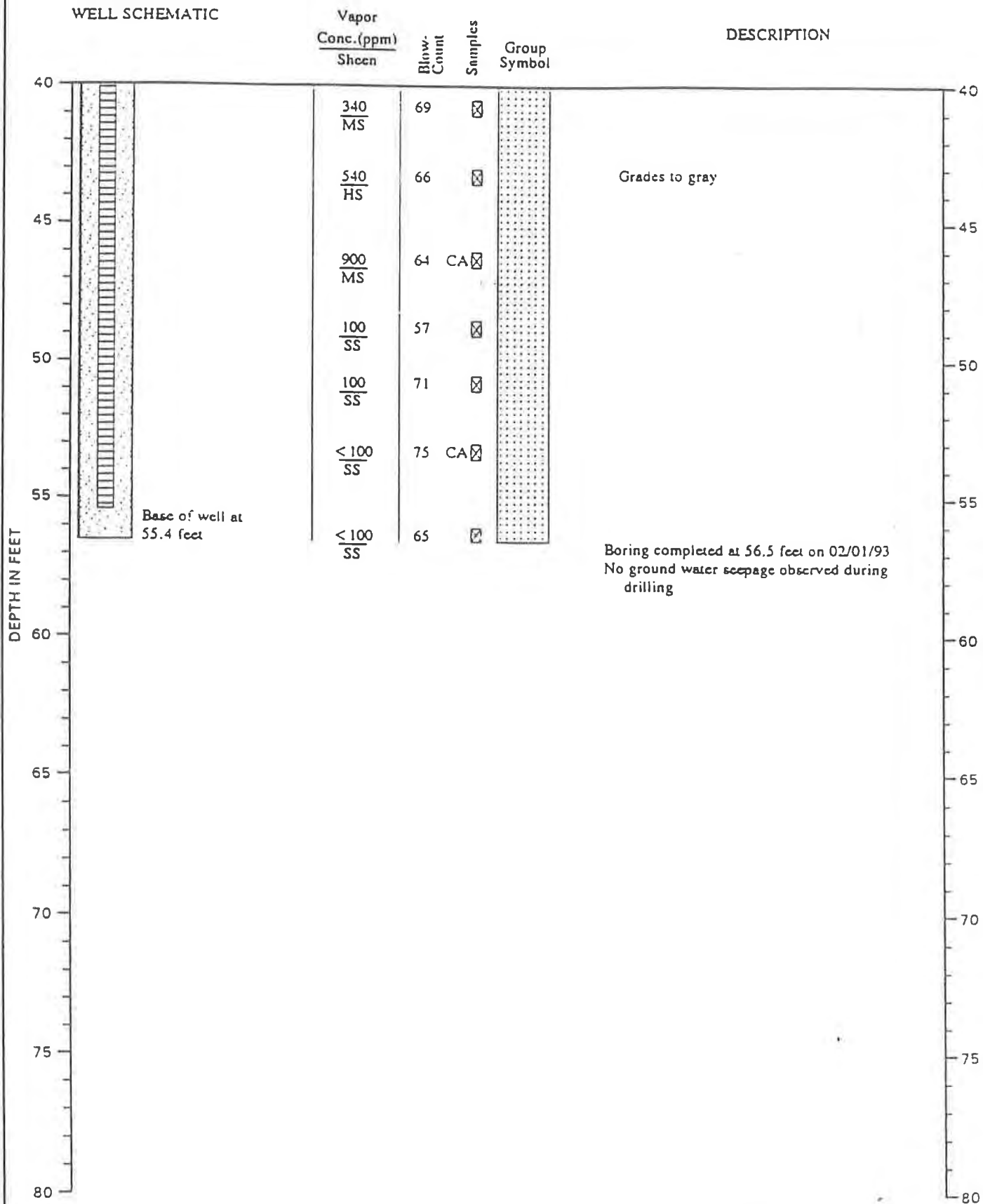
1. The reader must refer to the discussion in the report text, the Key to Boring Log Symbols and the exploration logs for a proper understanding of subsurface conditions.
2. Soil classification system is summarized in Figure A-1.

VAPOR PROBE NO. B-1/VP-1



Note: See Figure A-2 for explanation of symbols

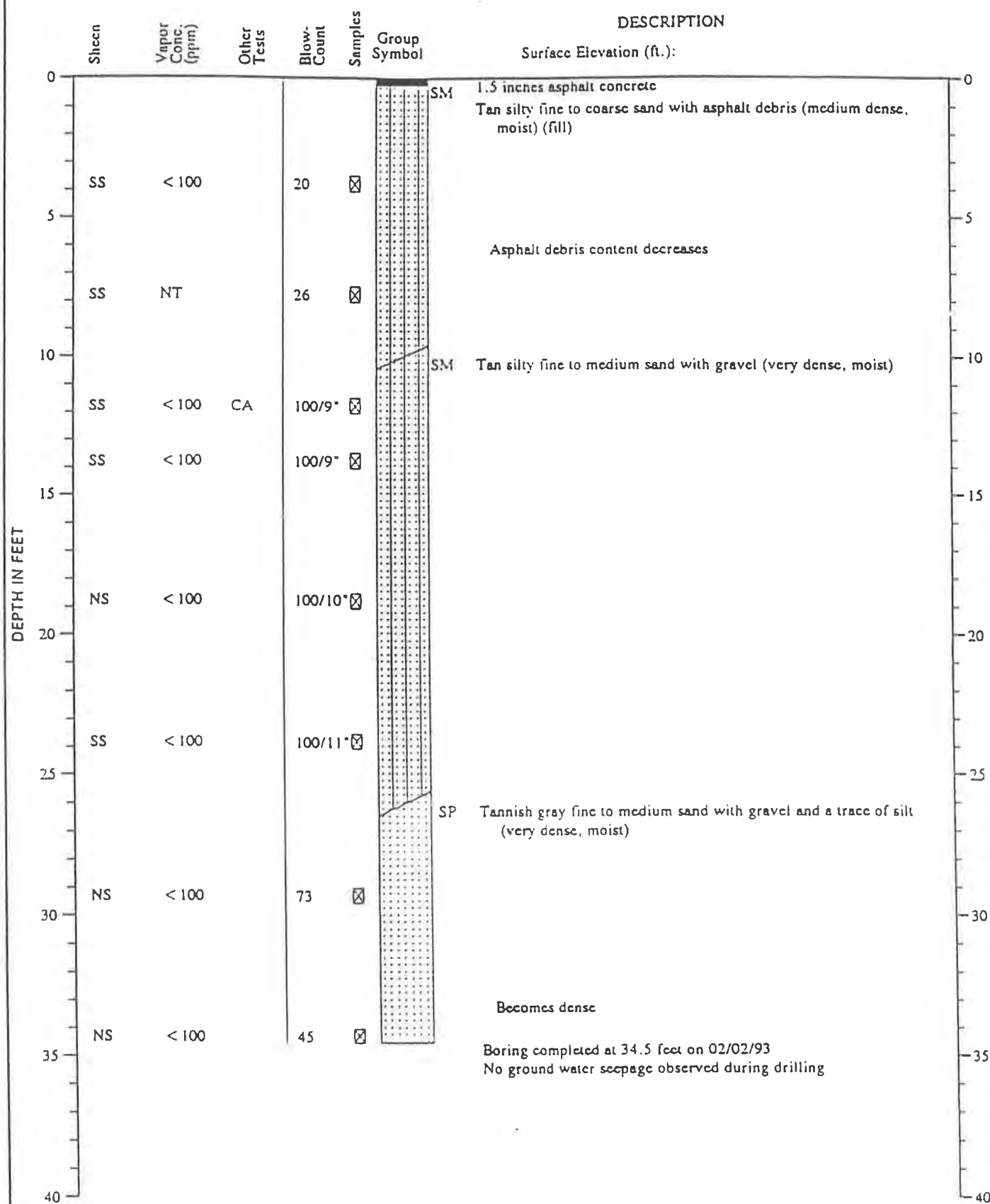
VAPOR PROBE NO. B-1/VP-1
(Continued)



Note: See Figure A-2 for explanation of symbols

TEST DATA

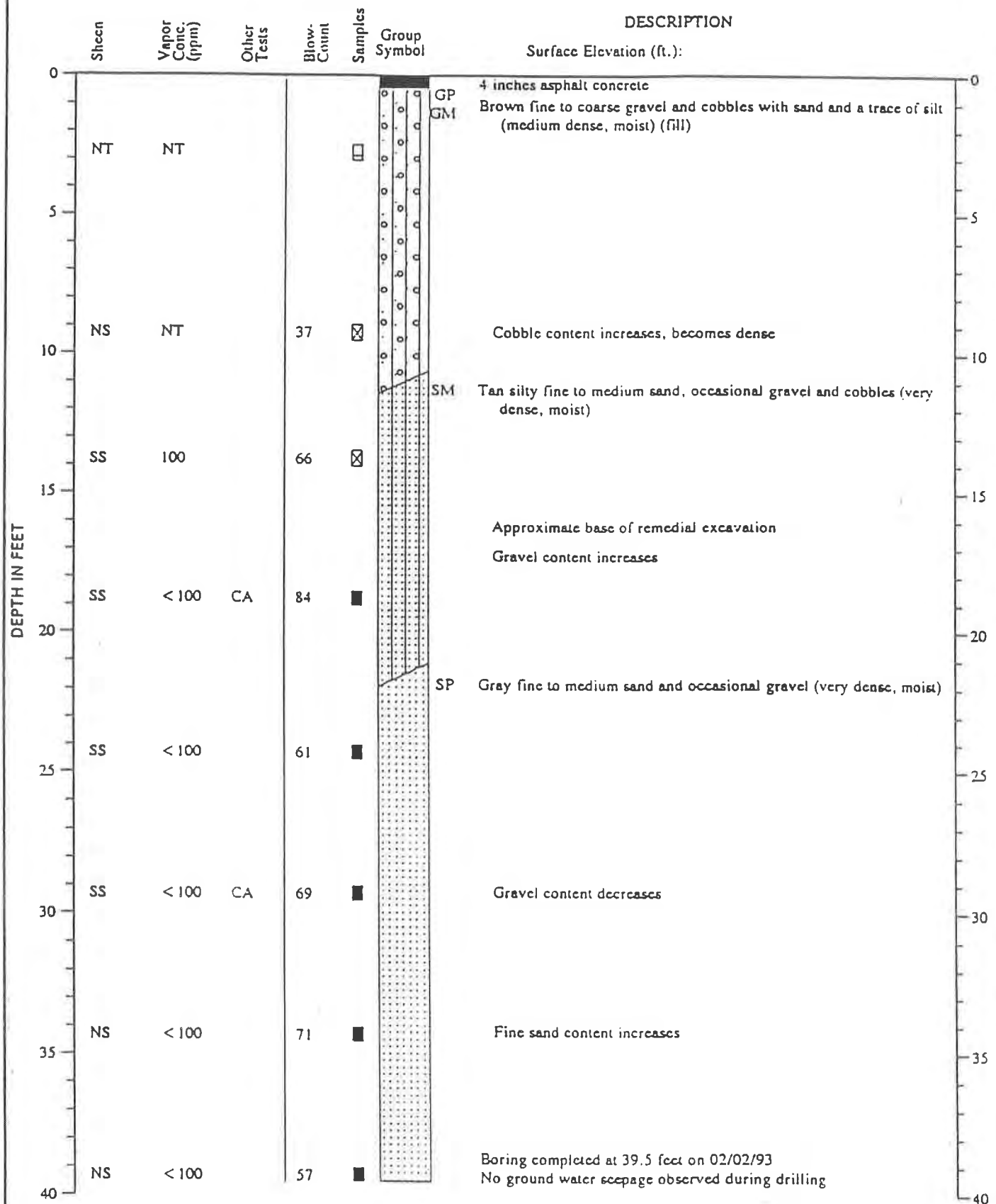
BORING B-2



Note: See Figure A-2 for explanation of symbols

TEST DATA

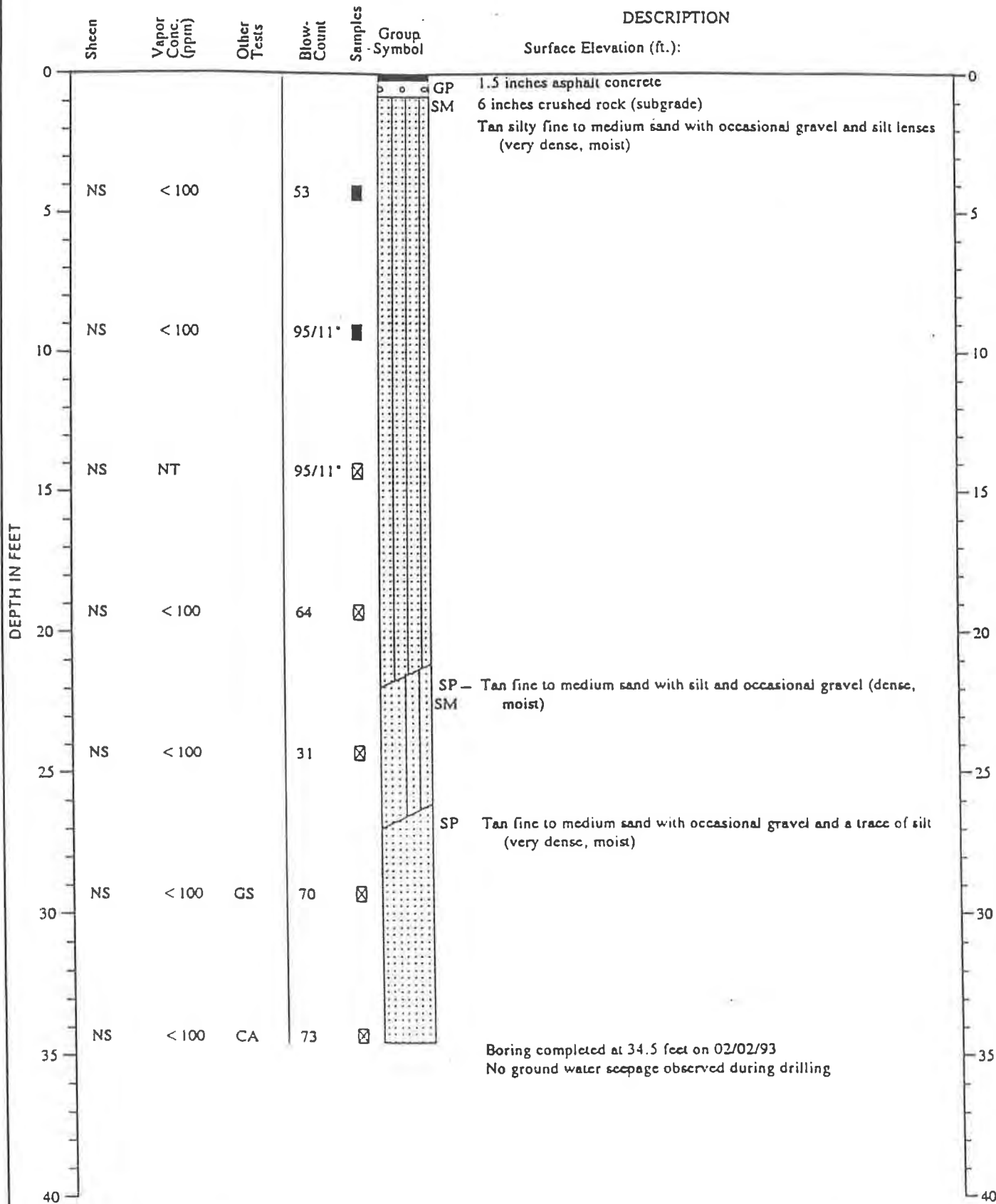
BORING B-3



Note: See Figure A-2 for explanation of symbols

TEST DATA

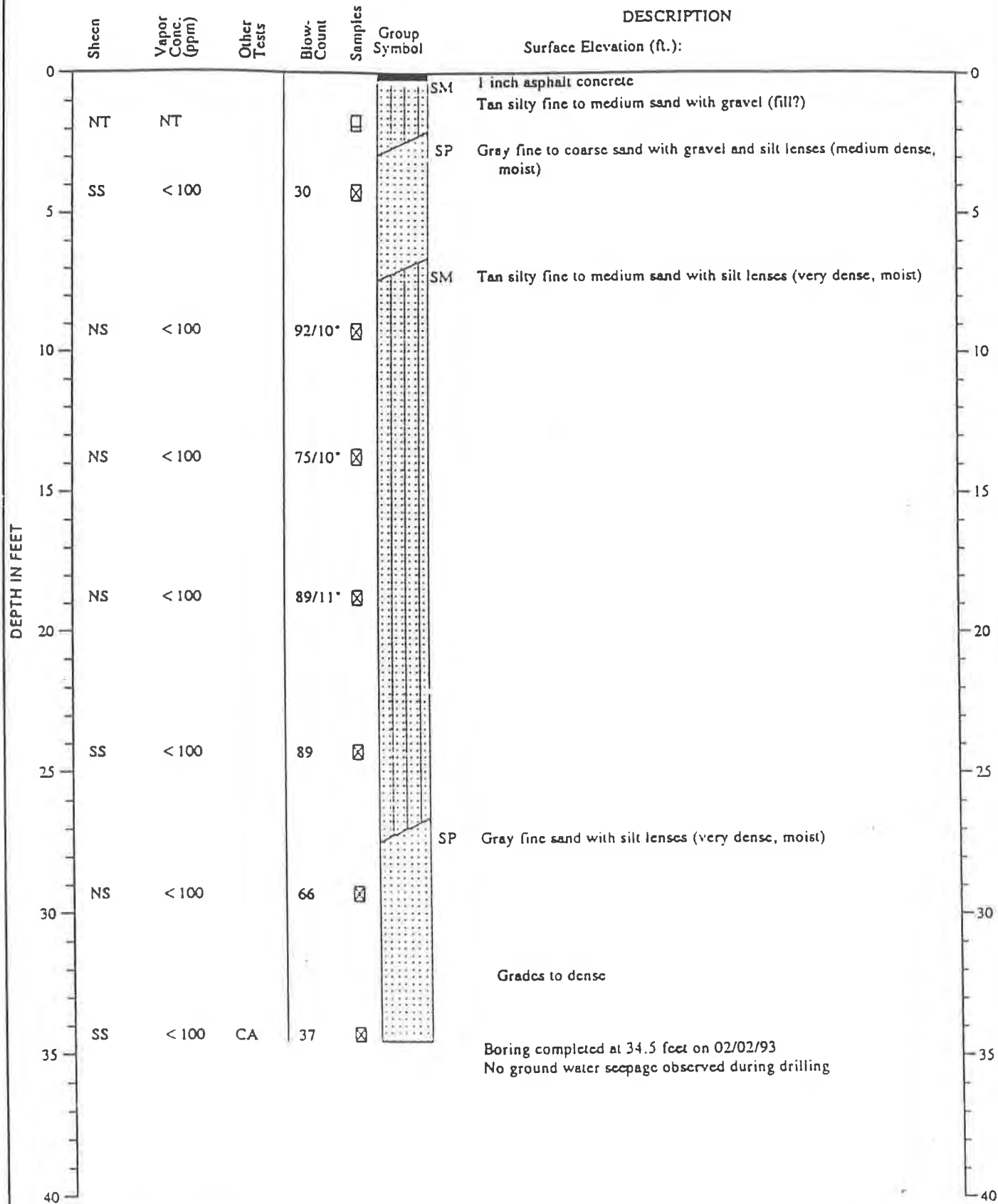
BORING B-4



Note: See Figure A-2 for explanation of symbols

TEST DATA

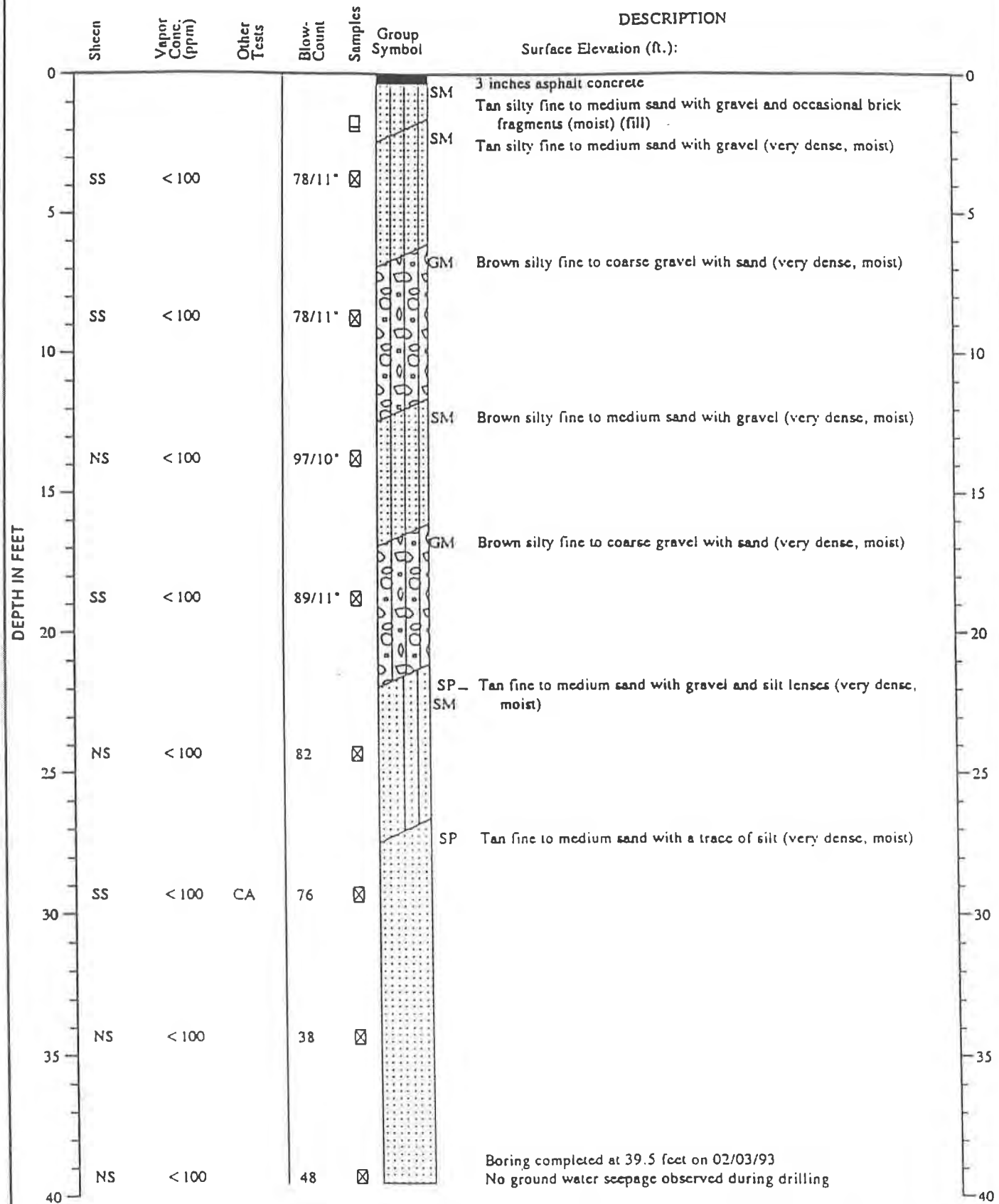
BORING B-5



Note: See Figure A-2 for explanation of symbols

TEST DATA

BORING B-6

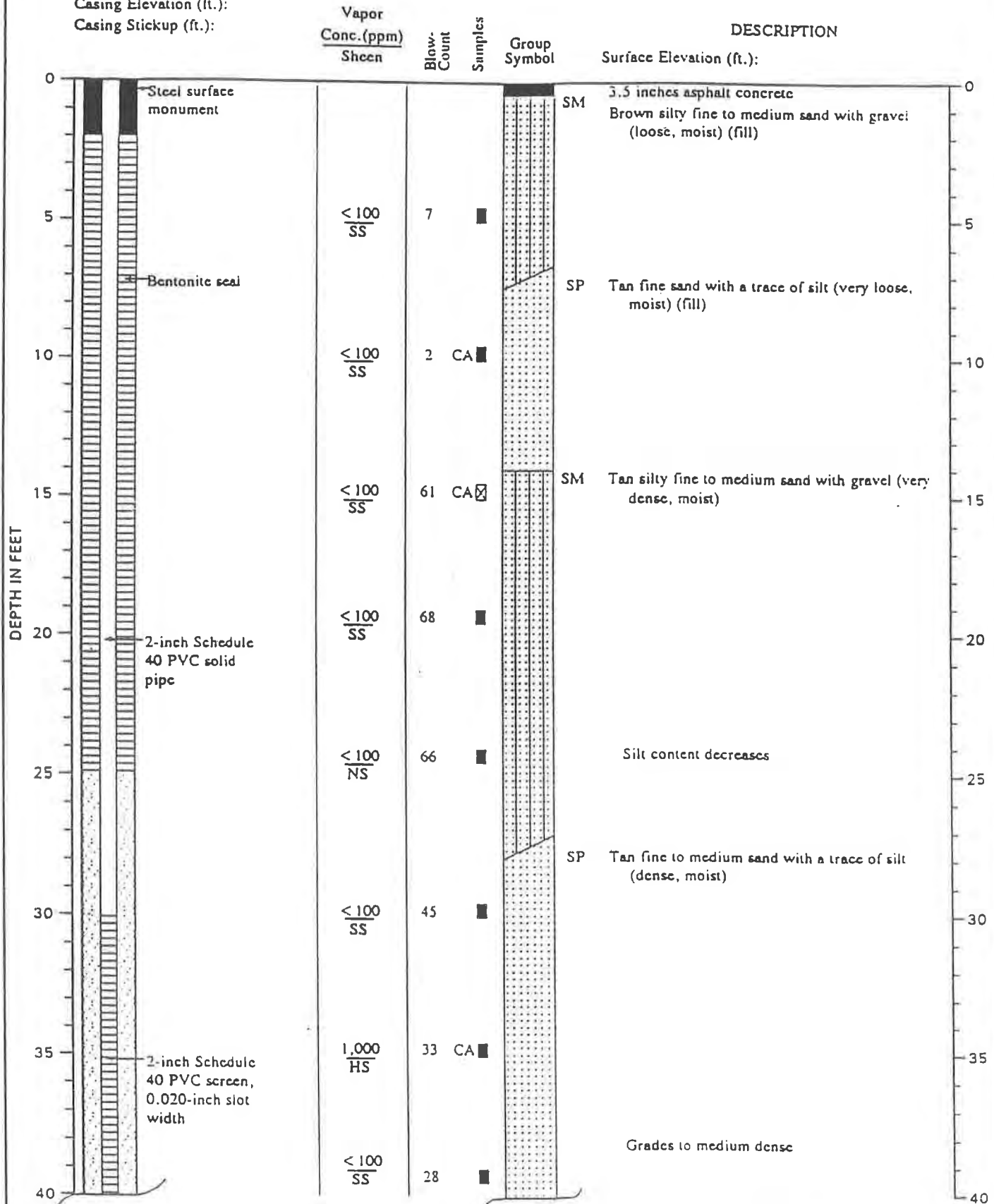


Note: See Figure A-2 for explanation of symbols

VAPOR PROBE NO. B-7/VP-7

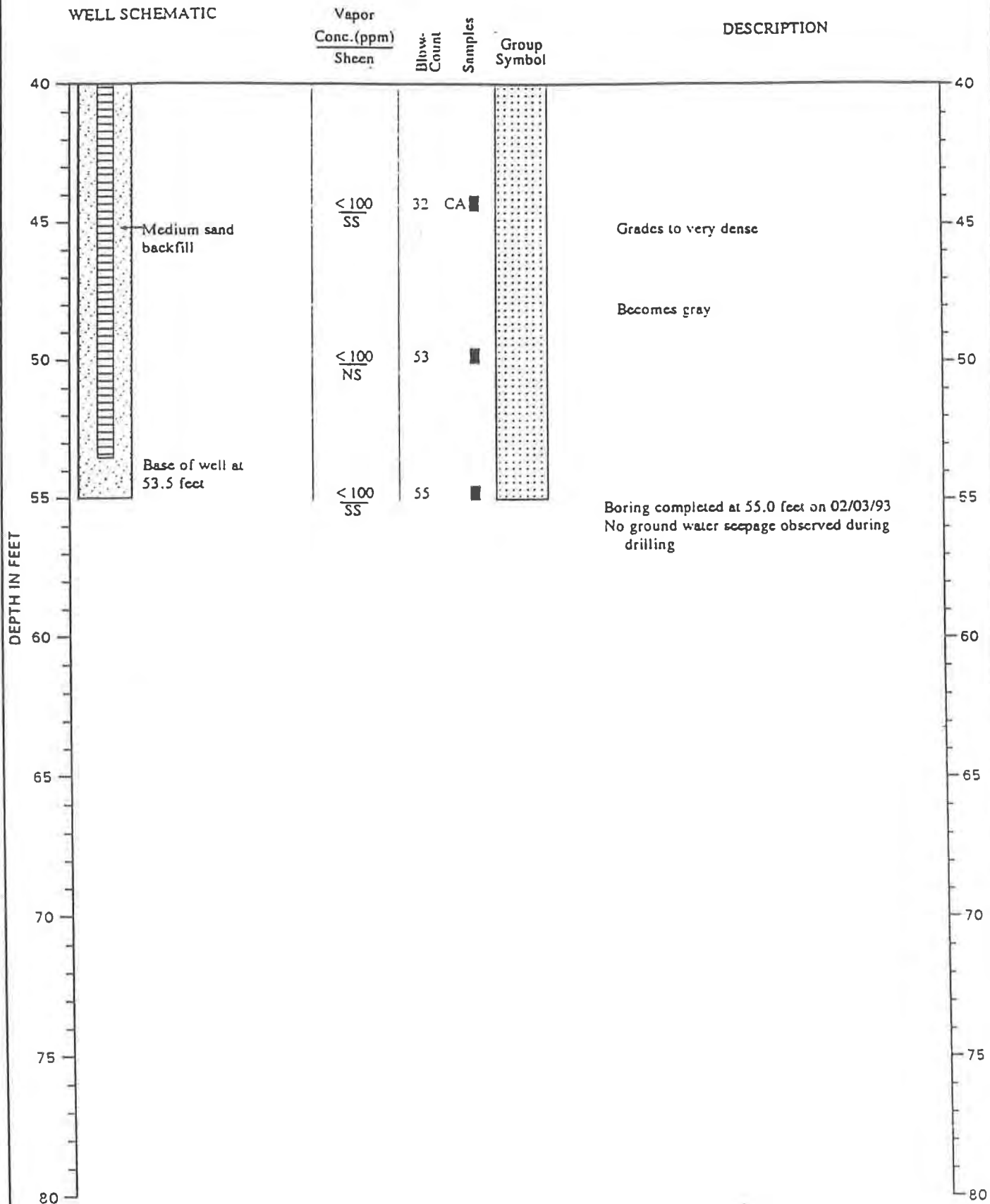
WELL SCHEMATIC

Casing Elevation (ft.):
Casing Stickup (ft.):



Note: See Figure A-2 for explanation of symbols

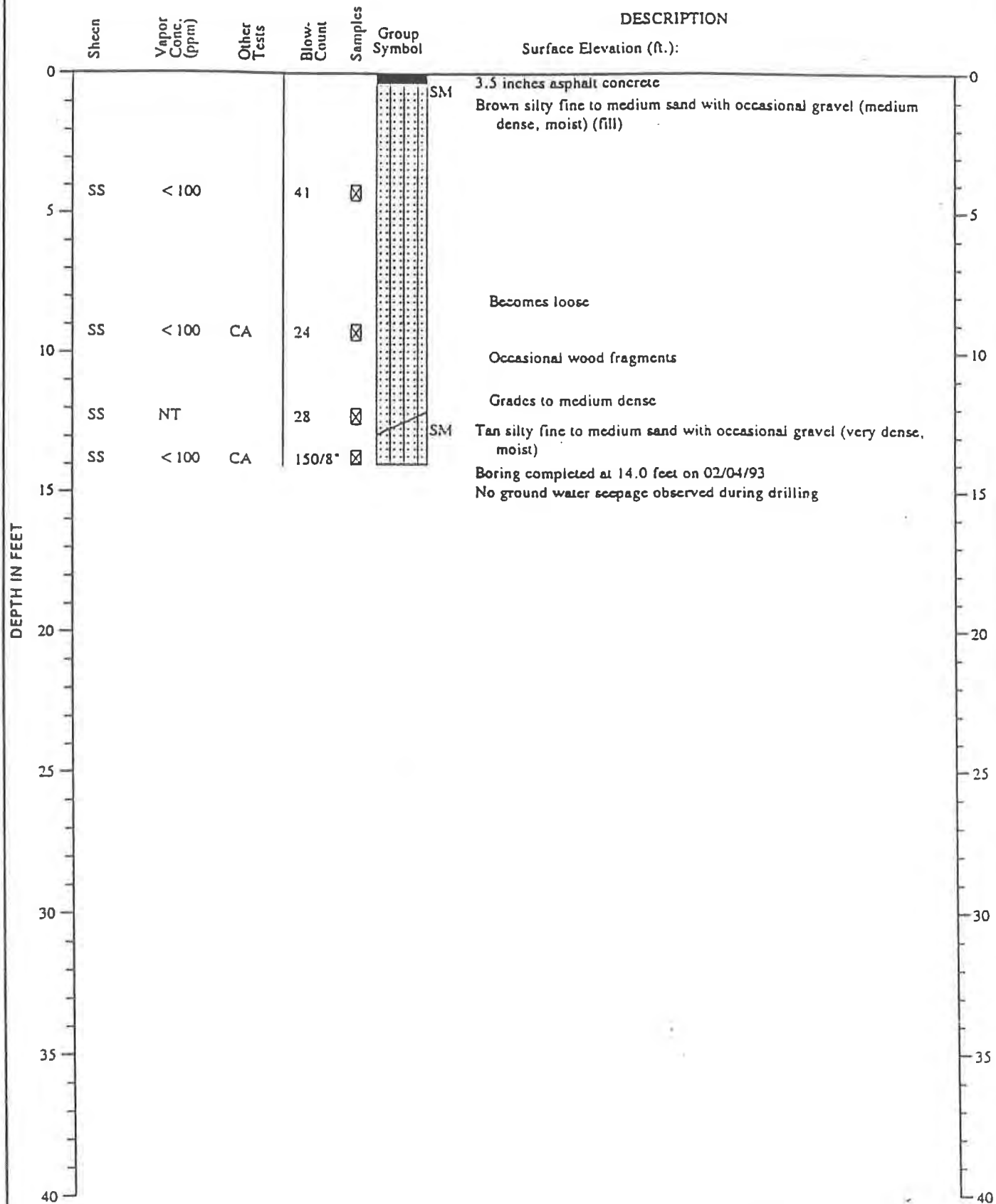
VAPOR PROBE NO. B-7/VP-7
(Continued)



Note: See Figure A-2 for explanation of symbols

TEST DATA

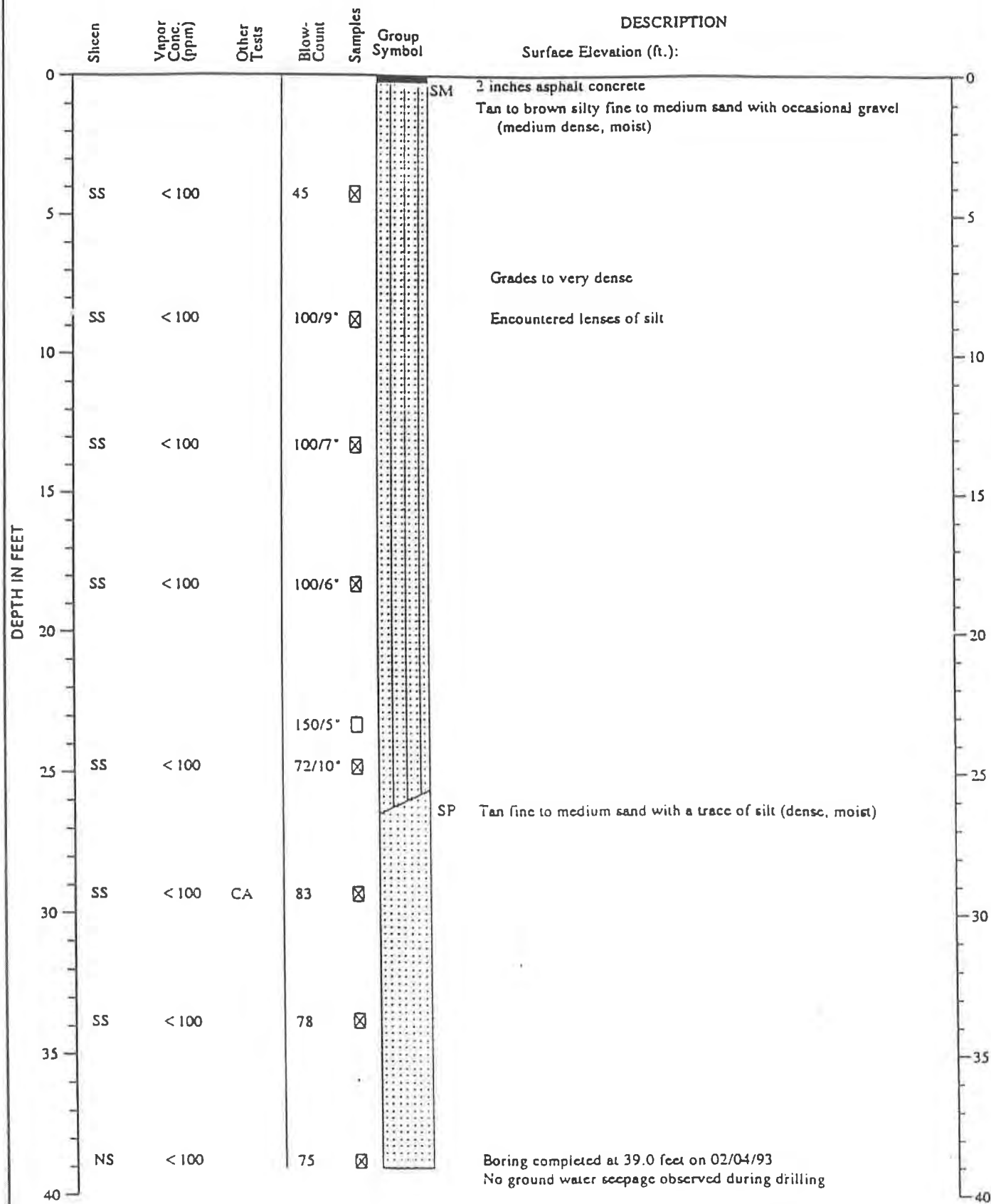
BORING B-8



Note: See Figure A-2 for explanation of symbols

TEST DATA

BORING B-9



Note: See Figure A-2 for explanation of symbols

GEOLOGIC LEGEND

COARSE-GRAINED SOILS	GRAVELS more than 1/2 of coarse fraction > No. 4 Sieve	LITTLE OR NO FINES		GW	Well-graded gravels, gravel-sand mixtures, little or no fines
		LITTLE OR NO FINES		GP	Poorly-graded gravels, gravel-sand mixtures
		APPRECIABLE NO FINES		GM	Silty gravels, gravel-sand-silt mixtures
		APPRECIABLE NO FINES		GC	Clayey gravels, gravel-sand-clay mixtures
	SANDS more than 1/2 of coarse fraction < No. 4 Sieve	LITTLE OR NO FINES		SW	Well-graded sands, gravelly sands, little or no fines
		LITTLE OR NO FINES		SP	Poorly-graded sands, gravelly sands, little or no fines
		APPRECIABLE NO FINES		SM	Silty sands, sand-silt mixtures
		APPRECIABLE NO FINES		SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS	SILTS AND CLAYS Liquid limit < 50		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity	
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays	
			OL	Organic silts and organic silty clays of low plasticity	
	SILTS AND CLAYS Liquid limit > 50		MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts	
			CH	Inorganic clays of high plasticity, fat clays	
			OH	Organic clays of medium to high plasticity, organic silts	
HIGHLY ORGANIC SOILS			Pt	Peat and other highly organic soils	
MISCELLANEOUS				Sandstone	

SYMBOL LEGEND:

	Concrete
	Sand
	Bentonite
	Driven Interval of Soil Sample
	Sample preserved for possible analysis

LEGEND TO BORING LOGS

TIME OIL CO. FACILITY NO. 01-284
12807 DES MOINES WAY SOUTH
SEATTLE, WASHINGTON

PROJECT NO. 20-023



ALISTO ENGINEERING GROUP
SEATTLE, WASHINGTON



ALISTO ENGINEERING GROUP
SEATTLE, WASHINGTON

LOG OF WELL VP-101

Page 1 of

SEE SITE PLAN

ALISTO PROJECT NO: 20-023-01

DATE DRILLED: 02/06/97

CLIENT: Time Oil Co., Facility No. 01-284

LOCATION: 12807 Des Moines Way S., Seattle, Washington

DRILLING METHOD: Hollow-stem Auger (10 1/4"); Split spoon

DRILLING COMPANY: Cascade Drilling

CASING ELEVATION:

LOGGED BY: Tanya Treat

APPROVED BY: John Day

BLOWS/6 IN	PTD VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						GM	2" Asphalt
32,50/8"	2.4	<p>4" Sch. 40 PVC Casing</p> <p>4" 0.020" Slotted PVC Screen</p> <p>Concrete</p> <p>Bentonite</p> <p>2 1/2 Sand</p>					silty GRAVEL with sand: brown, moist; fine- to coarse-gravel. (fill)
80/5"	31		10			SM	silty SAND with gravel: moist, very dense; some cobbles. (fill)
100/5"	14						
100/8"	8.0		20				
140/5"						SP	SAND: gray, moist, very dense: fine- to medium-grained.
34,38 32	4.0						Same: less dense. Same: very dense.
42,80	10.0		30				
50,50	1.0						
50,50	1.0		40				
50/8"	1.8						
50,50/5"	1.0		50				
50,80/8"	2.0		60				Boring terminated at 56 feet.



ALISTO ENGINEERING GROUP
SEATTLE, WASHINGTON

LOG OF WELL VP-102

Page 1 of 1

SEE SITE PLAN

ALISTO PROJECT NO: 20-023-01

DATE DRILLED: 02/06/97

CLIENT: Time Oil Co., Facility No. 01-284

LOCATION: 12807 Des Moines Way S., Seattle, Washington

DRILLING METHOD: Hollow-stem Auger (8"); Split spoon

DRILLING COMPANY: Cascade Drilling

CASING ELEVATION:

LOGGED BY: Tanya Treat

APPROVED BY: John Day

BLOWS/6 IN.	PTD VALUES	WELL DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						GM	2" Asphalt
						SM	sandy GRAVEL with silt: brown, moist; fine- to coarse-gravel, cobbles to 8" diameter. (fill)
100/8"	49.8		10				
150/8"	10.5		20				silty SAND with gravel: brown, moist, very dense. (fill)
120,100/4"	3.0		30			SP	SAND: gray, moist, dense; fine- to medium-grained.
50,50	1.2		40				
50,70/4"	1.0		50				
50,85	1.4		60				Boring terminated at 38 feet.



ALISTO ENGINEERING GROUP
SEATTLE, WASHINGTON

LOG OF BORING B-10

Page 1 of

SEE SITE PLAN

ALISTO PROJECT NO: 20-023-01

DATE DRILLED: 02/08/97

CLIENT: Time Oil Co., Facility No. 01-284

LOCATION: 12807 Des Moines Way S., Seattle, Washington

DRILLING METHOD: Hollow-stem Auger (10 1/4"); Split spoon

DRILLING COMPANY: Cascade Drilling

CASING ELEVATION:

LOGGED BY: Tanya Treat

APPROVED BY: John Day

BLOWS/6 IN.	PTD VALUES	BORING DIAGRAM	DEPTH feet	SAMPLES	GRAPHIC LOG	SOIL CLASS	GEOLOGIC DESCRIPTION
						SM	2" Asphalt
20,15,18	0						silty SAND with gravel; brown, moist, dense; fine- to coarse-grained sand. (till)
13,18,22	1.0		10				Same: red fragments.
80,50/5"	1.8						Same: orange and gray mottling, increased silt.
150/8"	3.8		20				
150/0" 100/8"	2.1						cobble 3" diameter, no sample. Same: red fragments.
80 50/4"	2.3		30				Same: increased gravel percentage.
50,55/8"	2.0		40				
50,50						SP	SAND: gray, moist, very dense; fine- to medium-grained.
50,50/5"							
35 50/2"	1.7		50				
50,50	1.8		60				Boring terminated at 58 feet.

SOIL BORING LOG

Boring/Well Number:

B-11

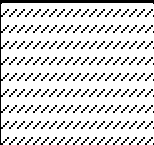

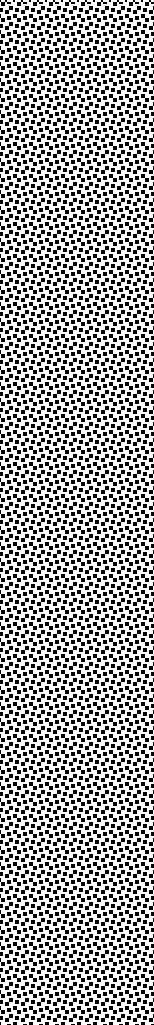




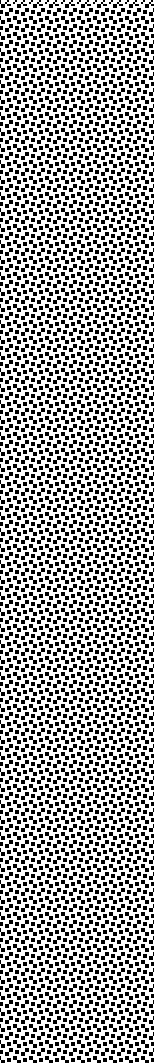


Sheet 1 of 3





Client/Site: Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP
 Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger
 Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-40 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a
 Screen: n/a
 Casing diameter: n/a
 Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 40 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
hand auger	B-11-2.5	n/a		n/a		1	FILL	8" asphalt surface	0.0
						2		8"-4.5' - Medium brown, moist, moderately loose previously placed fill	
						3			
						4			
SS	B-11-5	14 15 15	13:00			5	SM w/gravel	Medium brown, moist, medium dense silty sand with gravel. 55% sand, 30% silt, 10% gravel. No HCLO, no staining.	0.0
		6							
		7							
		8							
SS	B-11-10	27 50 for 6"	13:30			10	SM w/gravel	Medium grey, moist, very dense silty sand with gravel. 50% sand, 30% silt, 20% gravel (possibly previously placed rill. Moderate HCLO, no staining.	700
		11							
		12							
		13							
SS	B-11-15	50 for 6"	13:30			15	SM w/gravel	Same as above, moderate HCLO, no staining.	56.2

	Concrete		# 10/20 Sand		Water Table	Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.
	Bentonite Chips	n/a =	Not applicable			
		NR =	No recovery			
		SS =	3" diameter split spoon sampler			
		HCLO =	hydrocarbon-like odor			



Concrete



10/20 Sand



Water Table



Bentonite Chips



n/a = Not applicable



NR = No recovery



SS = 3" diameter split spoon sampler



HCLO = hydrocarbon-like odor

Comments:
 Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface.
 Groundwater not encountered during drilling.



SOIL BORING LOG

Boring/Well Number:

B-11

Sheet 2 of 3

Client/Site Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-40 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a Screen: n/a
 Casing diameter: n/a Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 40 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-11-20	50 for 6"			SM w/gravel	16		Medium grey, moist, very dense silty sand with gravel. 50% sand, 20% silt, 20% gravel. No HCLO, no staining.	0.0
						17			
						18			
						19			
						20			
					SW	21		Medium grey, moist, medium dense well graded sand. 95% sand, 0% silt, 5% gravel. No HCLO, no staining.	0.0
						22			
						23			
						24			
						25			
						26			
						27			
						28			
						29			
						30			
SS	B-11-25	21 25 25			SW	31		Same as above. No HCLO, no staining.	0.0
SS	B-11-30	27 25	13:40						



Concrete



Bentonite Chips

10/20 Sand

n/a = Not applicable

NR = No recovery

SS = 3" diameter split spoon sampler



Water Table

Comments:
 Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface.
 Groundwater not encountered during drilling.



SOIL BORING LOG

Boring/Well Number:

B-11

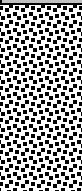
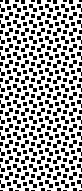
Sheet 3 of 3

Client/Site: Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP
 Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger
 Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-40 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a
 Screen: n/a
 Casing diameter: n/a
 Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 40 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-11-30	29				32	SW	Medium grey, moist, medium dense well graded sand. 95% sand, 0% silt, 5% gravel. No HClO, no staining	0.0
SS	B-11-35	23				33			
		31				34			
		30				35			
						36			
SS	B-11-40	25				37	SW	Same as above. No HClO, no staining. No evidence of hydrocarbon impacts.	0.0
		23				38			
		27				39			
						40			
						41			
						42			
						43			
						44			
						45			
						46			



Concrete



10/20 Sand



Water Table



Bentonite Chips

n/a =

Not applicable

NR =

No recovery

SS =

3" diameter split spoon sampler

Comments:
 Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface.
 Groundwater not encountered during drilling.



SOIL BORING LOG

Boring/Well Number:

B-12

Sheet 1 of 3

Client/Site: Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/8/2017
 Driller: Cascade Drilling, LP
 Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger
 Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-35 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a
 Screen: n/a
 Casing diameter: n/a
 Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 35 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
hand auger	B-12-2.5	n/a		n/a		1		8" asphalt surface	
						2			
						3	FILL	8"-4.5' - Medium brown, moist, moderately loose previously placed fill. Asphalt and concrete debris. No hydrocarbon odor, no staining.	0.0
						4			
SS	B-12-5	12				5	FILL	Same as above. No hydrocarbon odor, no staining.	0.1
		11				6			
		13				7			
SS	B-12-7.5	7	8:40			8			0.0
		9				9			
		9							
SS	B-12-10	10	8:50			10	SM with gravel	Medium brown, moist, medium dense silty sand with gravel. 60% sand, 25% silt, 15% gravel. No HCLO, no staining.	0.6
		10				11			
		15				12			
						13			
						14			
						15	SM with gravel	Same as above, 45% sand, 30% silt, 25% gravel. No HCLO, no staining.	0.1
SS	B-12-15	15	9:10						



Concrete



Bentonite Chips

10/20 Sand

n/a = Not applicable

NR = No recovery

SS = 3" diameter split spoon sampler

HCLO = hydrocarbon-like odor



Water Table

Comments:
 Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface.
 Groundwater not encountered during drilling.



SOIL BORING LOG

Boring/Well Number:

B-12

Sheet 2 of 3

Client/Site: Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/8/2017
 Driller: Cascade Drilling, LP
 Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger
 Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-35 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a
 Screen: n/a
 Casing diameter: n/a
 Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 35 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-12-20	28 33 50 for 6"				16 17 18 19 20 21 22 23	SM with gravel	increasing rig chatter Medium brown, moist, very dense silty sand with gravel. 30% sand, 35% silt, 35% gravel. No HCLO, no staining.	0.0
SS	B-12-25	23 27 30	8:55			24 25 26 27 28 29	SW	Medium brown, moist, medium dense well graded sand. 90% sand, 10% silt 0% gravel. No HCLO, no staining.	0.0
SS	B-12-30	15 18				30 31	SW	Same as above. 95% sand, 5% silt, 0% gravel. No HCLO, no staining.	0.0
<div> <div>Concrete</div> <div>Bentonite Chips</div> <div># 10/20 Sand</div> <div>n/a = Not applicable</div> <div>NR = No recovery</div> <div>SS = 3" diameter split spoon sampler</div> <div>Water Table</div> </div>									
								Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	



SOIL BORING LOG

Boring/Well Number:

B-12

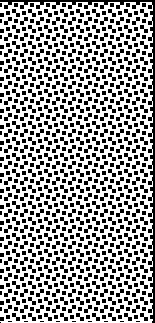

Sheet 3 of 3


Client/Site Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier


Date: 8/8/2017
 Driller: Cascade Drilling, LP Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger Hole diameter: 8"


Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-35 ft bgs
 concrete: 0-2 ft bgs


Well Construction: Casing: n/a Screen: n/a
 Casing diameter: n/a Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 35 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)	
Type	No.		Time	Recovery						
SS	B-12-35	21	9:00			31	SW	Medium brown, moist, medium dense well graded sand. 95% sand, 5% silt, 0% gravel. No HCLO, no staining.	0.0	
				32						
				33						
				34						
				35						
										36
				37						
				38						
				39						
				40						
				41						
				42						
				43						
				44						
				45						
				46						

 Concrete

 Bentonite Chips

 # 10/20 Sand
n/a = Not applicable
NR = No recovery
SS = 3" diameter split spoon sampler

 Water Table

Comments:
Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface.
Groundwater not encountered during drilling.



SOIL BORING LOG

Boring/Well Number:

B-13

Sheet 1 of 4

Client/Site Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/8/2017
 Driller: Cascade Drilling, LP
 Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger
 Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-50 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a
 Screen: n/a
 Casing diameter: n/a
 Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 50 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
hand auger	B-13-2.5	n/a		n/a		1		6" asphalt surface	
						2			
						3	FILL	6"-7.0' - Medium brown, moist, moderately loose previously placed fill. Asphalt and concrete debris. No hydrocarbon odor, no staining.	0.0
						4			
SS	B-13-5	12				5	FILL	Same as above. No hydrocarbon odor, no staining.	0.0
		5				6			
		5				7			
						8			
						9			
SS	B-13-10	4				10	FILL	Same as above, few brick fragments. No HCLO, no staining.	0.0
		5				11			
		6				12			
						13			
						14			
SS	B-13-15	29	11:00			15	FILL	Same as above, few brick fragments. No HCLO, no staining.	0.0
<div> <div>Concrete</div> <div>Bentonite Chips</div> <div># 10/20 Sand</div> <div>n/a = Not applicable</div> <div>NR = No recovery</div> <div>SS = 3" diameter split spoon sampler</div> <div>HCLO = hydrocarbon-like odor</div> <div>Water Table</div> </div> <div> Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling. </div>									



SOIL BORING LOG

Boring/Well Number:

B-13

Sheet 2 of 4

Client/Site Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/8/2017
 Driller: Cascade Drilling, LP Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-50 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a Screen: n/a
 Casing diameter: n/a Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 50 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-13-20	36 36 50 for 6"				16 17 18 19 20 21 22 23	SM with gravel	Medium brown, moist, very dense silty sand with gravel. 60% sand, 10% silt, 30% gravel. No HCL0, no staining.	0.0
SS	B-13-25	41 50 for 6"				24 25 26 27 28 29	SW	Same as above. No HCL0, no staining.	0.6
SS	B-13-30	25 30	11:10			30 31	SW	Same as above, medium dense, 100% sand. No HCL0, no staining.	0.0
<div> <div>Concrete</div> <div>Bentonite Chips</div> <div># 10/20 Sand</div> <div>n/a = Not applicable</div> <div>NR = No recovery</div> <div>SS = 3" diameter split spoon sampler</div> <div>Water Table</div> </div> <div>Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.</div>									



SOIL BORING LOG

Boring/Well Number:

B-13

Sheet 3 of 4

Client/Site: Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP
 Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger
 Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-50 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a
 Screen: n/a
 Casing diameter: n/a
 Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 50 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-13-35	32 21 22 32	11:10			32 33 34 35 36 37 38 39	SW	Medium brown, moist, medium dense well graded sand. 95% sand, 0% silt, 5% gravel. No HClO, no staining.	0.0
SS	B-13-40	15 19 21	11:20			40 41 42 43 44	SW	Medium brown, moist, medium dense well graded sand with trace gravel. 95% sand, 0% silt, 5% gravel. No HClO, no staining.	0.0
SS	B-13-45	19 21 20				45 46	SW	Same as above, coarsening sand. No HClO, no staining.	0.0
<div> <div>Concrete</div> <div>Bentonite Chips</div> <div># 10/20 Sand</div> <div>n/a = Not applicable</div> <div>NR = No recovery</div> <div>SS = 3" diameter split spoon sampler</div> <div>Water Table</div> </div> <div>Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.</div>									



SOIL BORING LOG

Boring/Well Number:

B-13

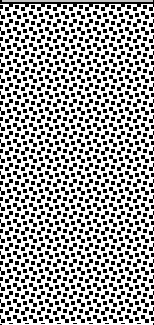
Sheet 4 of 4

Client/Site: Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-50 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a Screen: n/a
 Casing diameter: n/a Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 50 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-13-50	not recorded	11:30			47	SW	Medium brown, moist, medium dense well graded sand. 95% sand, 5% silt, 0% gravel. No HCLO, no staining.	0.0

SOIL BORING LOG

Boring/Well Number:

B-14


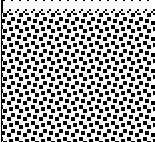
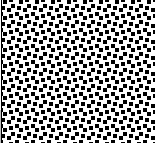
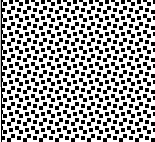

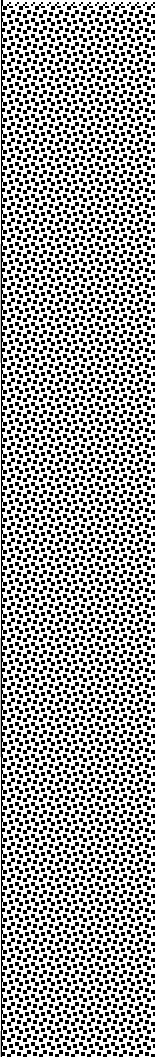
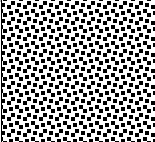
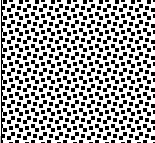
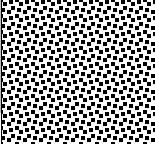

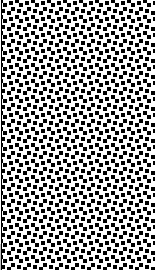
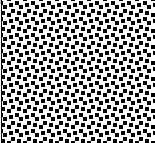
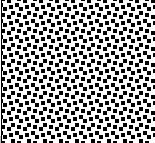
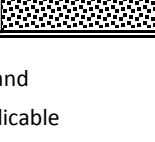

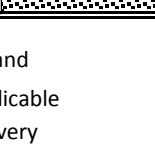




Sheet 1 of 4





Client/Site: Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP
 Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger
 Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-55 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a
 Screen: n/a
 Casing diameter: n/a
 Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 55 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
hand auger	B-14-2.5	n/a		n/a		1	FILL	8" asphalt surface	0.0
						2			
						3			
						4			
SS	B-14-5	19 21 50				5	SM w/ gravel	Dark grey, moist, very dense, silty sand with gravel. 65% sand, 25% silt, 10% gravel. No HCLO, no staining.	0.0
					6				
					7				
					8				
SS	B-14-10	22 29 34				10	SM w/ gravel	Same as above, medium dense. No HCLO, no staining.	0.0
					11				
					12				
					13				
SS	B-14-15	41				15	SM w/ gravel	Same as above, very dense. No HCLO, no staining.	0.0
<div><div> Concrete</div><div> Bentonite Chips</div></div> <div><div> # 10/20 Sand</div><div>n/a = Not applicable</div><div>NR = No recovery</div><div>SS = 3" diameter split spoon sampler</div><div>HCLO = hydrocarbon-like odor</div></div> <div><div> Water Table</div></div>								Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	

 Concrete
 Bentonite Chips
 # 10/20 Sand
 n/a = Not applicable
 NR = No recovery
 SS = 3" diameter split spoon sampler
 HCLO = hydrocarbon-like odor
 Water Table

Comments:
 Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface.
 Groundwater not encountered during drilling.



SOIL BORING LOG

Boring/Well Number:

B-14

Sheet 2 of 4

Client/Site Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/8/2017
 Driller: Cascade Drilling, LP Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-55 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a Screen: n/a
 Casing diameter: n/a Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 55 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-14-20	33 50 for 6'	11:40			16 17 18 19 20 21 22 23	SM w/ gravel	Medium grey, moist, very dense, silty sand with gravel. 80% sand, 5% silt, 15% gravel. No HClO, no staining.	0.0
SS	B-14-25	23 24 27	11:00			24 25 26 27 28 29	SW	Medium grey, moist, medium dense, well graded sand. >95% sand, trace silt, 0% gravel. No HClO, no staining.	70.1
SS	B-14-30	22 29	11:10			30 31	SW	Same as above. Very strong solvent odor, no HClO, no staining.	1,225
<div> <div>Concrete</div> <div>Bentonite Chips</div> <div># 10/20 Sand</div> <div>n/a = Not applicable</div> <div>NR = No recovery</div> <div>SS = 3" diameter split spoon sampler</div> <div>Water Table</div> </div> <div>Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.</div>									



SOIL BORING LOG

Boring/Well Number:

B-14

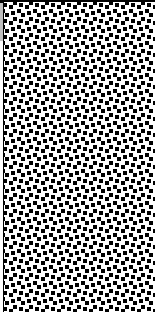






Sheet 3 of 4

Client/Site Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-55 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a Screen: n/a
 Casing diameter: n/a Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 55 ft bgs

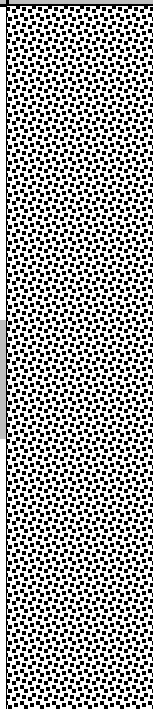
Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-14-35	30	11:00			31	SW	Same as above. Very strong solvent odor, no HCLO, no staining.	262
				32					
				33					
				34					
				35					
SS	B-14-40	21			36	SW	Same as above. Strong musty/mildew/solvent odor. No HCLO, no staining.	27.0	
		25			37				
		25			38				
			39						
			40						
SS	B-14-45	23			41	SW w/ gravel	Same as above, slight coarsening of sand. 90% sand, 10% gravel. Strong solvent odor, no HCLO, no staining.	126	
		27			42				
		31			43				
			44						
			45						
	26			46					
	26								
	32								
 Concrete		 # 10/20 Sand		 Water Table		Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.			
 Bentonite Chips		n/a = Not applicable							
		NR = No recovery							
		SS = 3" diameter split spoon sampler							







Sheet 4 of 4

Date:	8/7/2017	
Driller:	Cascade Drilling, LP	Rig type: CME 55
Drilling Foreman:	James Gobel	
Method:	Hollow Stem Auger	Hole diameter: 8"

Well Construction:	Casing: n/a	Screen: n/a
	Casing diameter: n/a	Screen slot: n/a
Depth to GW:	not encountered	
Total Depth of Boring:	55 ft bgs	

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-14-50	19 23 29				47	SW w/gravel	Same as above. Moderate solvent odor, no HCLO, no staining.	24.9
						48			
						49			
						50			
						51			
						52			
						53			
						54			
						55			
						56			
SS	B-14-55	43 50 for 6"	11:30			57	SW w/gravel	Same as above. Very slight odors, no staining.	7.5
					58				
					59				
					60				
					61				

 Concrete	 # 10/20 Sand	 Water Table	Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.
 Bentonite Chips	n/a = Not applicable		
	NR = No recovery SS = 3" diameter split spoon sampler		



SOIL BORING LOG

Boring/Well Number:

B-15

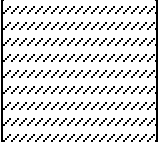








Sheet 1 of 3

Client/Site Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-35 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a Screen: n/a
 Casing diameter: n/a Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 35 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
hand auger	SS	B-15-5	50 for 6"	NR		1	FILL	6" asphalt surface Medium brown, moist, silty sand with gravel, previously placed fill.	0.0
					2				
					3				
					4				
					5				
					6				
					7				
					8				
					9				
SS	B-15-10	6 7 7	14:30		10		Medium grey, wet, loose pea gravel (old sump material). Limited sample recovery.	0.0	
				11					
				12					
				13					
				14					
				15					
SS	B-15-15	14					Medium grey, moist, very dense silty sand with gravel (possible old fill).	0.0	
<div><div>Concrete</div><div>Bentonite Chips</div></div>					<div><div># 10/20 Sand</div><div>n/a = Not applicable</div><div>NR = No recovery</div><div>SS = 3" diameter split spoon sampler</div><div>HCLO = hydrocarbon-like odor</div></div>		<div><div>Water Table</div><div>Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.</div></div>		



SOIL BORING LOG

Boring/Well Number:

B-15

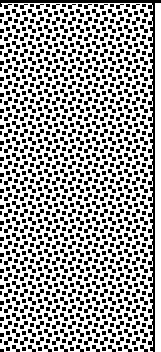
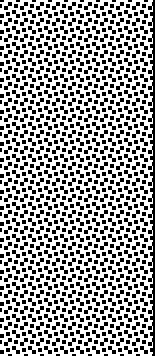
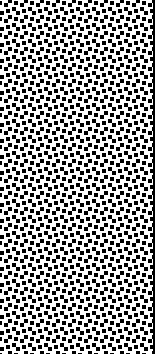




Sheet 2 of 3

Client/Site: Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP
 Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger
 Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-35 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a
 Screen: n/a
 Casing diameter: n/a
 Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 35 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-15-20	21	14:45			16	SM w/gravel	Medium grey, moist, very dense, silty sand with gravel. 45% sand, 30% silt, 25% gravel. No HCLO, no staining.	0.0
		30				17			
						18			
						19			
						20			
SS	B-15-25 50 for 6"	21	NR			21		No sample recovery.	
		23				22			
		30				23			
						24			
						25			
SS	B-15-30	46				26		Medium grey, moist, very dense, well graded sand. 80% sand, 10% silt, 10% gravel. Wet (water from above). No HCLO, no staining.	
		50 for 6"				27			
						28			
						29			
						30			
						31			
 Concrete		 # 10/20 Sand		 Water Table		Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.			
 Bentonite Chips		n/a = Not applicable							
		NR = No recovery							
		SS = 3" diameter split spoon sampler							



SOIL BORING LOG

Boring/Well Number:

B-15

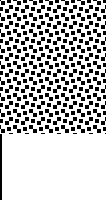




Sheet 3 of 3

Client/Site: Eagle Canyon Capital, LLC - Site No. 2840
 Address: 12807 Des Moines Memorial Drive
 Burien, Washington
 Project No.: 123245
 Logged By: N. Olivier

Date: 8/7/2017
 Driller: Cascade Drilling, LP Rig type: CME 55
 Drilling Foreman: James Gobel
 Method: Hollow Stem Auger Hole diameter: 8"

Well Pack: pellets: n/a
 sand (#10/20): n/a
 chips: 2-35 ft bgs
 concrete: 0-2 ft bgs

Well Construction: Casing: n/a Screen: n/a
 Casing diameter: n/a Screen slot: n/a
 Depth to GW: not encountered
 Total Depth of Boring: 35 ft bgs

Sample		Blow Count	Analytical Sample		Well Construction	Depth Scale (ft)	Litho Column	Descriptions of Materials and Conditions	PID (PPM)
Type	No.		Time	Recovery					
SS	B-15-35	41 50 for 6"	15:00			32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	SW	Medium grey, moist, medium dense, well graded sand. 95% sand, 5% silt, 0% gravel. No HClO, no staining.	0.0
 Concrete		 Bentonite Chips		 # 10/20 Sand n/a = Not applicable NR = No recovery SS = 3" diameter split spoon sampler		 Water Table Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.			

