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April 18, 2018

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

<u>Transmittal: Site Boring Logs</u>
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

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,

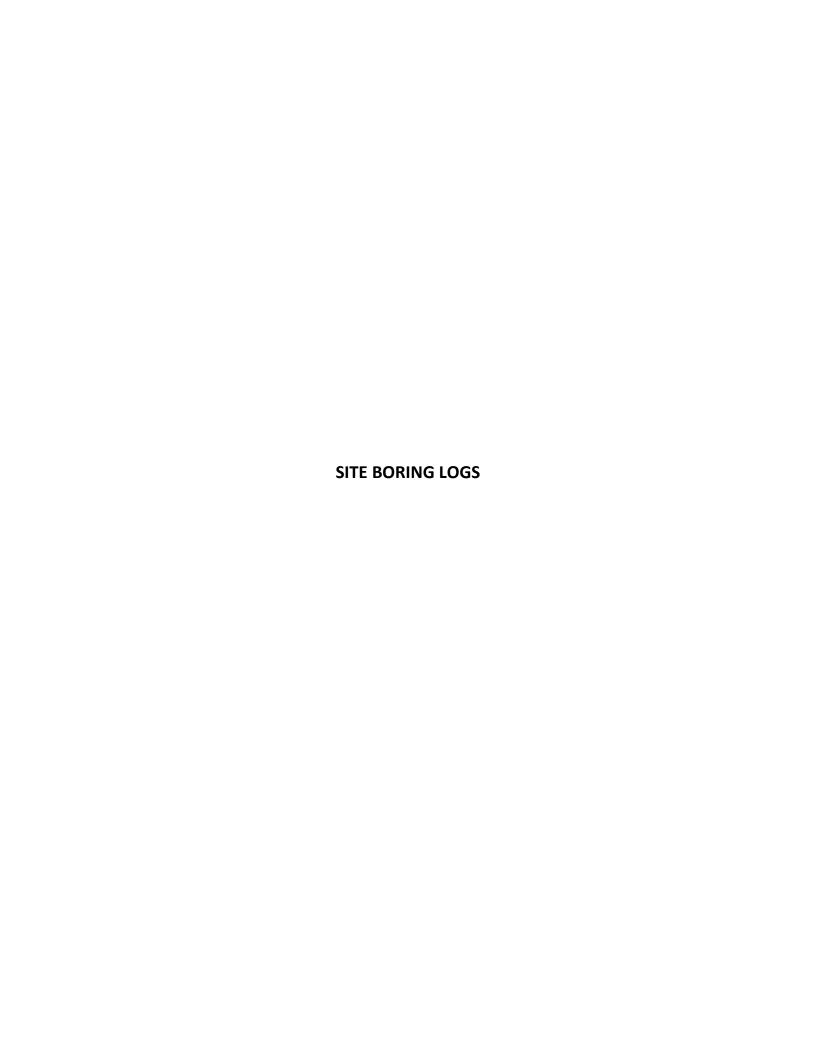
ES Engineering Services, LLC

Laura Skow

Project Manager

**Enclosure: Site Boring Logs** 

Cc. Mr. Hamed Adib, Eagle Canyon Capital



### SOIL CLASSIFICATION SYSTEM

	SNOISIVID ROLAM		GROUP SYMBOL	GROUP NAME
COARSE	GRAVEL	CLEAN GRAVEL	GW	WELL-GRADED GRAVEL, FINE TO COARSE GRAVEL
GRAINED			GP	POORLY-GRADED GRAVEL
SOILS	MORE THAN 60% OF COARSE FRACTION	GRAVEL WITH FINES	GM	SILTY GRAVEL
MORE THAN 50%	ON NO. 4 SIEVE		GC	CLAYEY GRAVEL
RETAINED ON NO. 200 SIEVE	SAND	CLEAN SAND	sw	WELL-GRADED SAND, FINE TO COARSE SAND
	1		SP	POORLY-GRADED SAND
	MORE THAN 60% OF COARSE FRACTION PASSES	SAND WITH FINES	SM	SILTY SAND
	NO. 4 SIEVE		sc	CLAYEY SAND
FINE	SILT AND CLAY	INORGANIC	ML	SILT
GRAINED		Mondanie	CL	CLAY
SOILS	LIQUID LIMIT LESS THAN 60	ORGANIC	OL	ORGANIC SILT, ORGANIC CLAY
MORE THAN 50%	SILT AND CLAY		мн	SILT OF HIGH PLASTICITY, ELASTIC SIL
PASSES NO. 200 SIEVE		INORGANIC	СН	CLAY OF HIGH PLASTICITY, FAT CLAY
	LIQUID LIMIT 50 OR MORE	ORGANIC	ОН	ORGANIC CLAY, ORGANIC SILT
н	GHLY ORGANIC SOILS	5	PT	PEAT

#### NOTES:

- Field classification is based on visual examination of soil in general accordance with ASTM D2488-90.
- Soll classification using laboratory tests is based on ASTM D2487-90.
- 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)

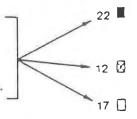
Distinct Contact Between Soil Strata

Gradual or Approximate
Location of Change
Between Soil Strata

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.

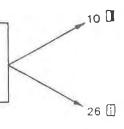


Location of relatively undisturbed sample

Location of disturbed sample

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.



E

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

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 WELL SCHEMATIC Casing Elevation (ft.): Vapor Casing Stickup (ft.): DESCRIPTION Conc.(ppm) Blow-Count Group Sheen Symbol Surface Elevation (ft.): Steel surface 2 inches asphalt concrete monument Tan fine to medium sand with gravel, a trace of silt, occasional brick and asphalt fragments (very dense, moist) (fill) < 100 46 SS 5 Tan silty fine to medium sand with gravel and occasional cobbles (very dense, moist) < 100 31 SS Bentonite seal < 100 71 NS 10 < 100 Gravel content decreases -10 Ø 50/6 NS < 100 NS 72/2° 15 -15 2-inch Schedule 40 PVC solid < 100 91 DEPTH IN FEET pipc NS < 100 72 Ø NS 20 SP Gray fine to medium sand with a trace of silt -20 (very dense, moist) < 100 71 X Gray silty fine to medium sand with occasional SM NS gravel (very dense, moist) SP/ Tan fine to medium sand with a trace of silt ML interbedded with silt lenses (dense to very < 100 CA⊠ 47 dense, moist) NS 25 25 Tan fine to medium sand with occasional gravel SP and a trace of silt (very dense, moist) < 100 64 NS 460 X 68 MS 30 -30 2-inch Schedule 40 PVC screen, 500 80 CA⊠ Gravel content decreases 0.020-inch slot HS width

Ø

47

47

54

Note: See Figure A-2 for explanation of symbols

560

HS

640

MS

180

SS



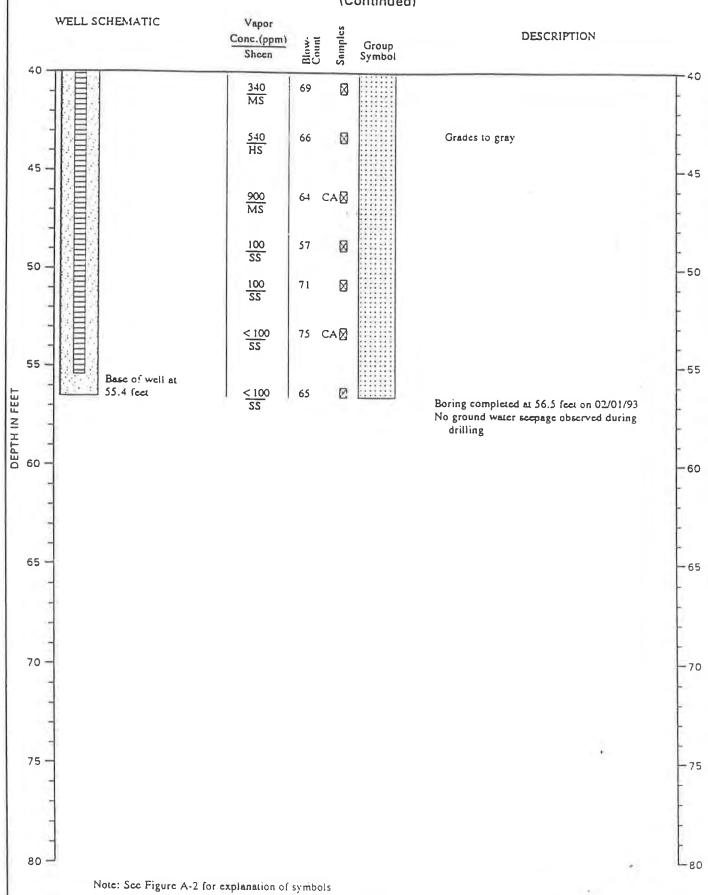
Medium sand

backfill

35

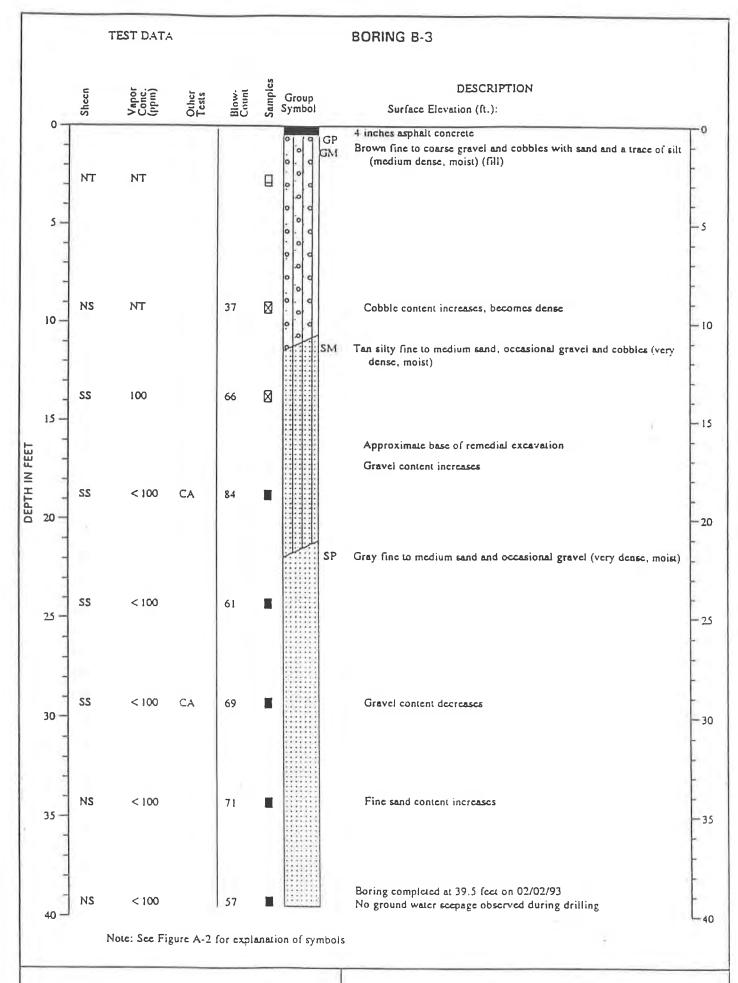
35

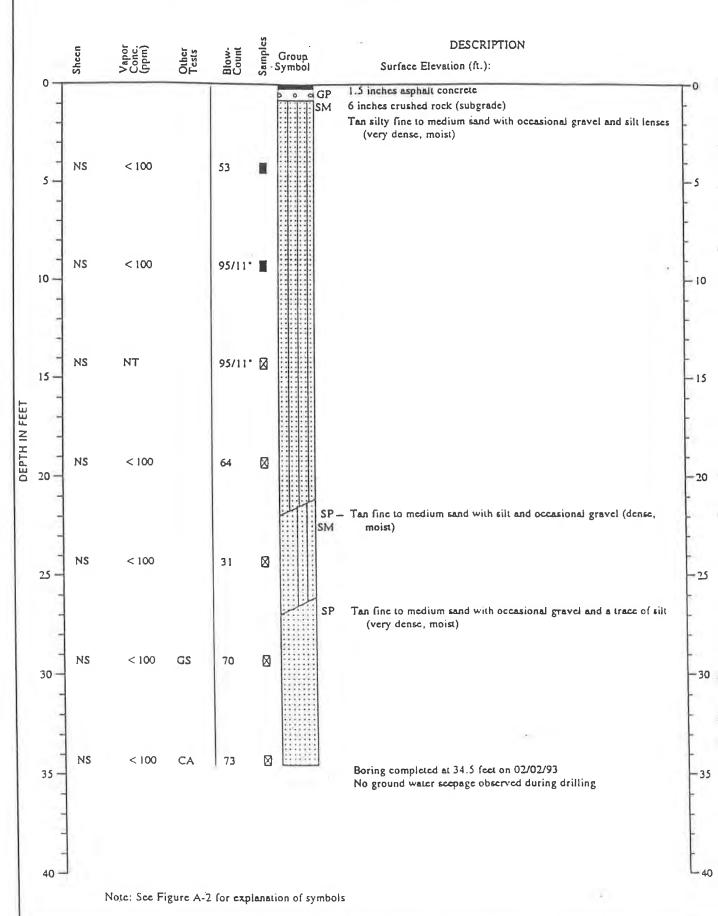
# VAPOR PROBE NO. B-1/VP-1 (Continued)



Geo Engineers









Note: See Figure A-2 for explanation of symbols

37



SS

35

40

< 100

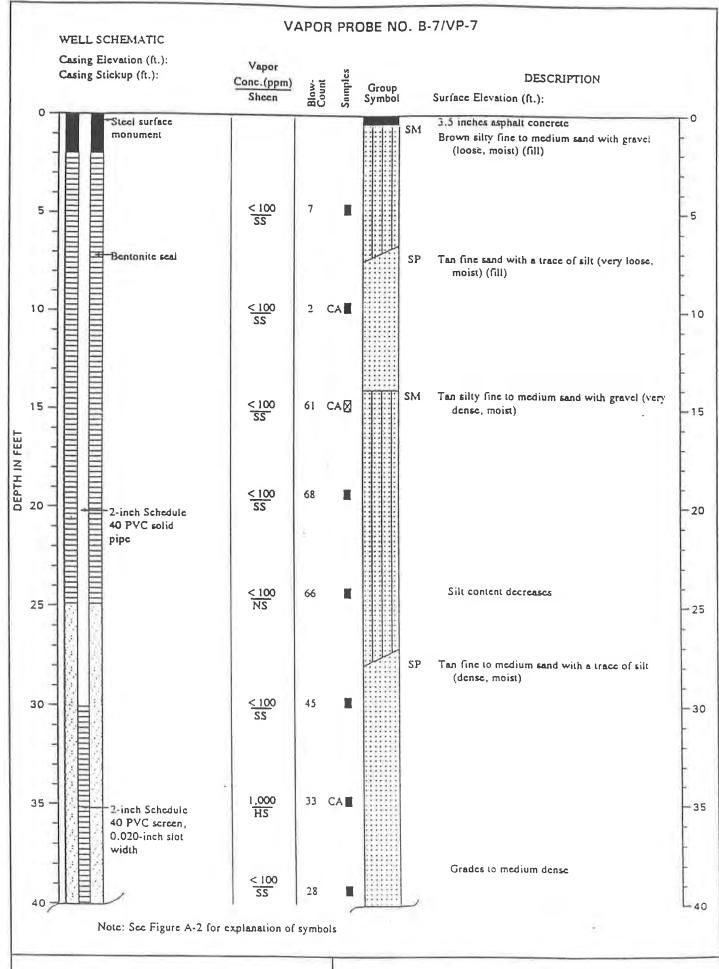
CA

-35

Boring completed at 34.5 feet on 02/02/93

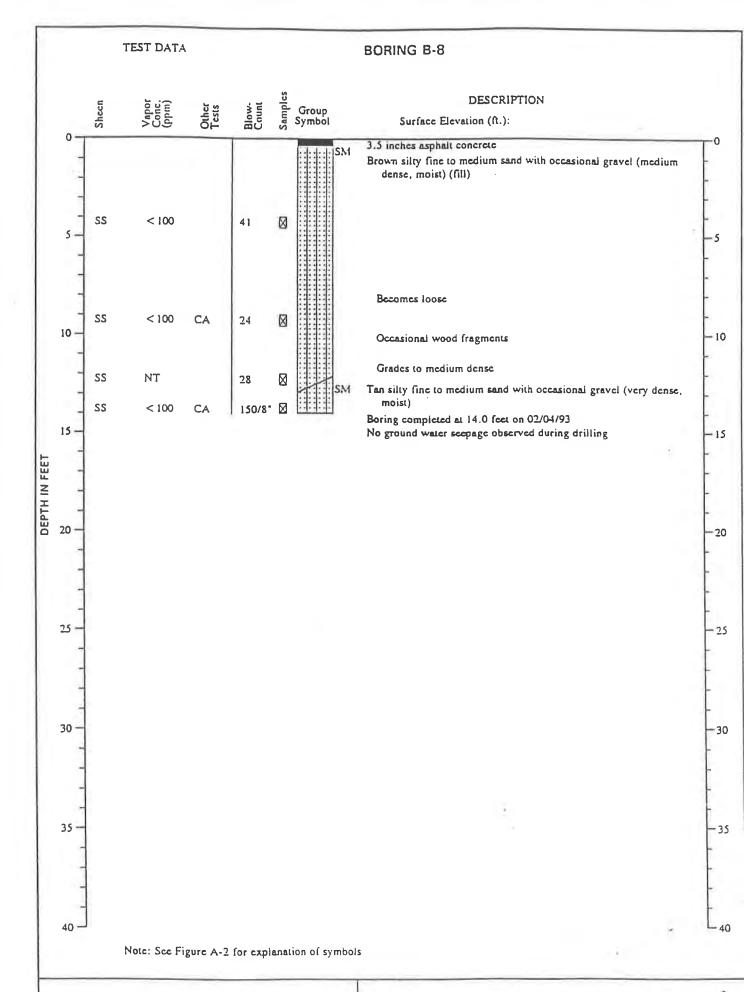
No ground water seepage observed during drilling

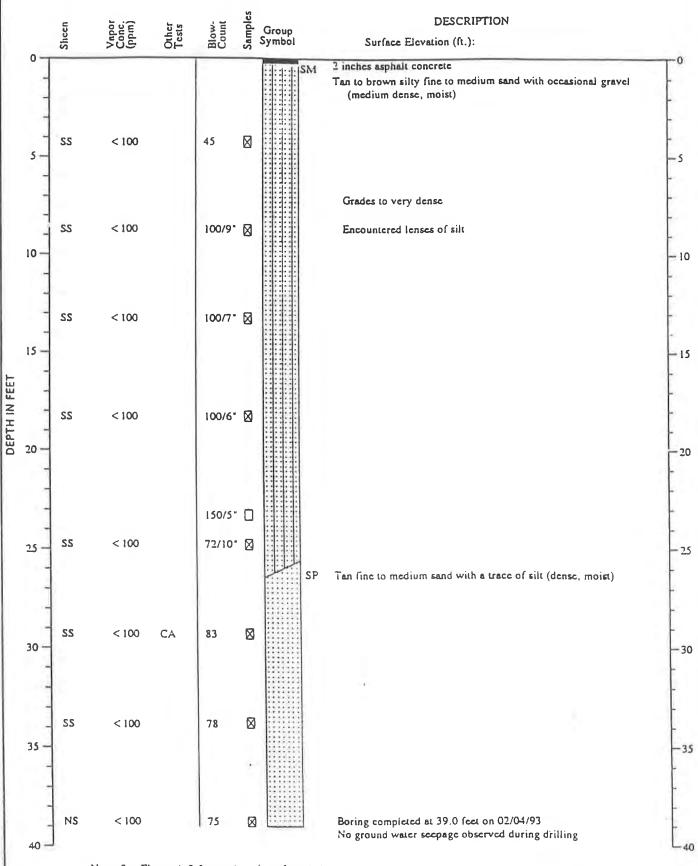












Note: See Figure A-2 for explanation of symbols



LOG OF BORING

				GEO	DLO	GIC LEGEND
			INES		GW	Well-graded gravels, gravel-sand mixtures, little or no fines
		AVELS	LITTLE OR NO FINES	•	GP	Poorly—graded gravels, gravel—sand mixtures
य	of	ore than 1/2 coarse fraction No. 4 Sieve	APPRECIABLE NO FINES		GM	Silty gravels, gravel—sand—silt mixtures
D SOILS			APPRE NO I		GC	Clayey gravels, gravel-sand-clay mixtures
RAINE	TLE OR				SW	Well-graded sands, gravelly sands, little or no fines
COARSE-GRAINED	SANDS		ETIN N N		SP	Poorly—graded sands, gravelly sands, little or no fines
COAR	more than 1/2 of coarse fraction < No. 4 Sieve		APPRECIABLE NO FINES		SM	Silty sands, sand—silt mixtures
			APPRE NO F		SC	Clayey sands, sand-clay mixtures
					ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
SIIO		SILTS AND CLAY	-		CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
ED S					OL	Organic silts and organic silty clays of low plasticity
NE-GRAINED SOILS	SILTS AND CLAYS				МН	Inorganic silts, micaceous or diatomoceous fine sandy or silty soils, elastic silts
I HE	Liquid limit > 50		50		СН	Inorganic clays of high plasticity, fat clays
					ОН	Organic clays of medium to high plasticity, organic silts
HIC	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



### LOG OF WELL VP-101

Page 1 of

SEE SITE PLAN

ALISTO PROJECT NO: 20-023-01

DATE DRILLED: 02/08/97

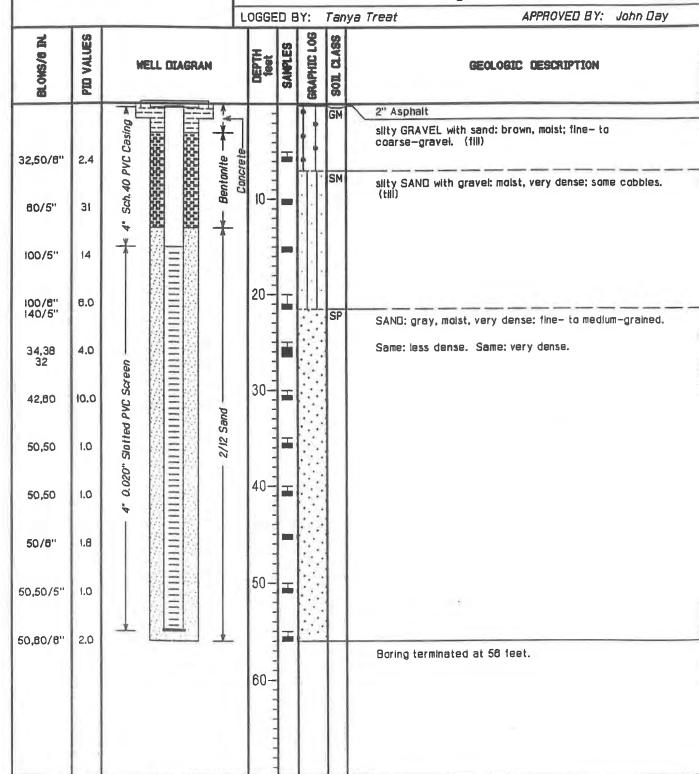
CLIENT: Time Oil Co., Facility No. 01-284

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

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

DRILLING COMPANY: Cascade Orilling

CASING ELEVATION:



## LOG OF BORING B-10

DATE DRILLED: 02/08/97

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

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

CASING ELEVATION:

APPROVED BY: John Day

			LOGGE	ED E	BY:	Tany	ya Treat APPROVED BY: John Day
BLOMS/6 IN.	PTD VALUES	Boring Diagram	DEPTH	SAMPLES	GRAPHIC LOG	SOL CLASS	GEOLOGIC DESCRIPTION
		<b>*</b>				SM	2" Asphalt
20,15,18	0	Concrete		I			silty SAND with gravel: brown, moist, dense; fine- to coarse-grained sand. (till)
13,18,22	1.0	666 666 666 666	10-	I			Same: red fragments.
80,50/5"	1.8			Ξ			Same: orange and gray mottling, increased silt.
150/8"	3.8	900 900 900 900	20-	-			
150/0" 100/8"	2.1	Bentonite Chips —		I			cobble 3" diameter, no sample. Same: red fragments.
80 50/4"	2.3	- Benton	30-	Ξ			Same: Increased gravel percentage.
50,55/8"	2,0	666 666 666		=			
50,50		000 000 000 000	40-	Ξ		SP	SAND: gray, moist, very dense; fine- to medium-grained.
50,50/5"		000 000 000 000		-			
35 50/2"	1.7	866 866 866 866	50-	¥			
50,50	1.8	<u> </u>		=			Boxing torminated at 58 toot
			60-				Boring terminated at 58 feet.
				1			

Page 1 of

Rig type: CME 55

Date:

Eagle Canyon Capital, LLC - Site No. 2840 8/7/2017 12807 Des Moines Memorial Drive Driller: Cascade Drilling, LP

James Gobel Burien, Washington Drilling Foreman:

Hollow Stem Auger Hole diameter: 8" Project No.: 123245 Method:

N. Olivier Logged By:

Client/Site

Address:

pellets: n/a Casing: n/a Screen: n/a Well Construction: -Well Pack: sand (#10/20): n/a Casing diameter: n/a Screen slot: n/a

> chips: 2-40 ft bgs Depth to GW: not encountered

mple No.	concrete					h of Boring:	40 ft bgs	
-	D.011	,	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
NO.	Count	Time	Recovery		Scale (ft)	Column	and Conditions	(PPM)
B-11-2.5	n/a				1 2 3 4	FILL	8" asphalt surface 8"-4.5' - Medium brown, moist, moderately loose previously placed fill	0.0
B-11-5	14 15 15				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
B-11-10	27 50 for 6"	13:00			8 9 10 11	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
B-11-15	50 for 6"	13:30			12 ————————————————————————————————————	SM w/gravel	Same as above, moderate HCLO, no staining.	56.2
Concrete		n/a = NR = SS =	Not appl No recov 3" diame	icable very eter split spoon s		Table	Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	
	B-11-10  B-11-15  Concrete	B-11-15	B-11-10 27 13:00  B-11-15 50 for 6" 13:30  Concrete	B-11-15	B-11-15	B-11-2.5	B-11-2.5	B-11-2.5  n/a



Client/Site	Eagle Canyon	Capital, LLC - Site No. 2840	Date:	8/7/2017	
Address:	12807 Des Mo	ines Memorial Drive	Driller:	Cascade Drilling, LP	Rig type: CME 55
•	Burien, Washii	ngton	Drilling Foreman:	James Gobel	
Project No.:	123245		Method:	Hollow Stem Auger	Hole diameter: 8"
Logged By:	N. Olivier		-		
	pellets:	n/a	- Well Construction: -	Casing: n/a	Screen: n/a
Well Pack:	sand (#10/20):	n/a		Casing diameter: n/a	Screen slot: n/a
_	chips:	2-40 ft bgs	Depth to GW:	not encountered	
•	concrete:	0-2 ft bgs	Total Depth of Boring:	40 ft bgs	

		concrete		t bgs			epth to GW:		
C		concrete:					h of Boring:	40 ft bgs	
	ample	Blow	Analytica	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
SS	B-11-20	50 for 6"				16 17 18 19 20 21 22 23	SM w/gravel	Medium grey, moist, very dense silty sand with gravel. 50% sand, 20% silt, 20% gravel. No HCLO, no staining.	0.0
SS	B-11-25	21 25 25 27	12:40			24 ————————————————————————————————————	sw	Medium grey, moist, medium dense well graded sand. 95% sand, 0% silt, 5% gravel. No HCLO, no staining.	0.0
] 33	D-11-30	25	13:40			31	300	Same as above. No HCLO, no staining.	0.0
	Concrete  Bentonite		n/a = NR = SS =	10/20 Sa Not appl No recov 3" diame	icable	<b>∠</b> Water		Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	



Screen slot: n/a

Client/Site Eagle Canyon Capital, LLC - Site No. 2840 8/7/2017 Date: Address: 12807 Des Moines Memorial Drive Driller: Cascade Drilling, LP Rig type: CME 55 James Gobel Burien, Washington Drilling Foreman: Hole diameter: 8" Project No.: 123245 Method: Hollow Stem Auger N. Olivier Logged By: Casing: n/a Screen: n/a Well Construction: -

pellets: n/a Well Pack: sand (#10/20): n/a

Casing diameter: n/a Depth to GW: not encountered

chips: 2-40 ft bgs

	-	concrete:				eptn to Gw: h of Boring:		
Sa	ample	Blow	Analytical Sar	nple Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time Reco		Scale (ft)	Column	*	(PPM)
SS SS	No.  B-11-30  B-11-40	29 23 31 30 25 23 27	Time Reco	very Construction	32	SW	Medium grey, moist, medium dense well graded sand. 95% sand, 0% silt, 5% gravel. No HCLO, no staining  Same as above. No HCLO, no staining. No evidense of hydrocarbon impacts.	0.0
	Concrete Bentonite C	Chips	n/a = Not NR = No	20 Sand applicable recovery iameter split spoon	43444546		Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	



Eagle Canyon Capital, LLC - Site No. 2840

Date: 8/8/2017

12807 Des Moines Memorial Drive

Driller: Cascade Drilling, LP

Rig type: CME 55

Burien, Washington

Drilling Foreman: James Gobel

123245

Method: Hollow Stem Auger

Hole diameter: 8"

Project No.: 123245 Method: Hollow Stem Auger Hole diameter: 8"

Logged By: N. Olivier

Client/Site

Address:

Well Pack:pellets:n/aWell Construction:Casing: n/aScreen: n/aWell Pack:sand (#10/20):n/aScreen slot: n/a

chips: 2-35 ft bgs Depth to GW: not encountered

	•	concrete:		ogs			h of Boring:	35 ft bgs	
Sa	ımple	Blow	Analytica	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
hand auger	B-12-2.5	n/a		n/a		1 ————————————————————————————————————	FILL	8" asphalt surface  8"-4.5' - Medium brown, moist, moderately loose previously placed fill. Asphalt and concrete debris. No hydrocarbon odor, no staining.	0.0
er						4			
SS	B-12-5	12					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 10 15	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
		13				12			
SS	B-12-15	15	9:10			15	SM with gravel	Same as above, 45% sand, 30% silt, 25% gravel. No HCLO, no staining.	0.1
77777	Concrete  Bentonite (		n/a =	10/20 Sa Not appl No recov	icable	<b>▽</b> Water		Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	0.1
		r	SS = HCLO =		eter split spoon s bon-like odor	sampler			
				•					



Rig type: CME 55

Eagle Canyon Capital, LLC - Site No. 2840 Date: 8/8/2017
12807 Des Moines Memorial Drive Driller: Cascade Drilling, LP

Burien, Washington Drilling Foreman: James Gobel

Project No.: 123245 Method: Hollow Stem Auger Hole diameter: 8"

Logged By: N. Olivier

Client/Site

Address:

pellets: n/aWell Construction:Casing: n/aScreen: n/aWell Pack:sand (#10/20): n/aCasing diameter: n/aScreen slot: n/a

chips: 2-35 ft bgs Depth to GW: not encountered

		chips:					epth to GW:	not encountered 35 ft bgs			
C.	- manda	concrete:					h of Boring:				
	ample	Blow		al Sample		Depth	Litho	Descriptions of Materials	PID		
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)		
		28 33				16 ——— ——— 17 ———		increasing rig chatter			
						18 ————————————————————————————————————					
SS	B-12-20	50 for 6"				20	SM with gravel	Medium brown, moist, very dense silty sand with gravel. 30% sand, 35% silt, 35% gravel. No HCLO, no staining.	0.0		
						22					
SS	B-12-25	23	8:55			24 ——— ——— 25 ———	sw	Medium brown, moist, medium dense well graded sand.	0.0		
		27 30				26 ——— 27 ———		90% sand, 10% silt 0% gravel. No HCLO, no staining.			
						28 ——— 29 ———					
SS	B-12-30	15 18				30 ——— 31	SW	Same as above. 95% sand, 5% silt, 0% gravel. No HCLO, no staining.	0.0		
	Concrete		n/a =	10/20 Sa Not appl		<b>▽</b> Water	Table	Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface.			
	Bentonite (	Chips	NR = SS =	No recov		sampler		Groundwater not encountered during drilling.			
								<u> </u>			



Screen slot: n/a

Client/Site Eagle Canyon Capital, LLC - Site No. 2840 8/8/2017 Date: Address: 12807 Des Moines Memorial Drive Driller: Cascade Drilling, LP Rig type: CME 55 Burien, Washington James Gobel Drilling Foreman: Project No.: 123245 Method: Hollow Stem Auger Hole diameter: 8" Logged By: N. Olivier Screen: n/a pellets: n/a Casing: n/a Well Construction: -Casing diameter: n/a

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

not encountered Depth to GW:

0-2 ft bgs Total Depth of Boring: 35 ft bgs concrete:

Sa	mple	Blow		al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
		21				32 ————————————————————————————————————			
SS	B-12-35	15	9:00				SW	Medium brown, moist, medium dense well graded sand.	0.0
		18 18				36 —		95% sand, 5% silt, 0% gravel. No HCLO, no staining.	
		10							
						37 ——			
						38 ——			
						39			
						40			
						41			
						42 ——			
						43 ——			
						44			
						45 ——			
						46 ——			
NSNSNSS	Concrete Bentonite (		n/a = NR =	10/20 Sa Not appl No recov	licable	<b>▽</b> Water	Table	Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	



Bentonite Chips

SS =

3" diameter split spoon sampler

Rig type: CME 55

Eagle Canyon Capital, LLC - Site No. 2840 Date: 8/8/2017
12807 Des Moines Memorial Drive Driller: Cascade Drilling, LP

Burien, Washington Drilling Foreman: James Gobel

Project No.: 123245 Method: Hollow Stem Auger Hole diameter: 8"

Logged By: N. Olivier

Client/Site

Address:

pellets: n/aWell Construction:Casing: n/aScreen: n/aWell Pack:sand (#10/20): n/aScreen slot: n/a

chips: 2-50 ft bgs Depth to GW: not encountered

		chips:					epth to GW:	not encountered	
<b>C</b> -		concrete:					h of Boring:	50 ft bgs	
Sa	ımple	Blow	Analytica	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
hand auger	B-13-2.5	n/a		n/a		1 2 3 4	FILL	6" asphalt surface 6"-7.0' - Medium brown, moist, moderately loose previously placed fill. Asphalt and concrete debris. No hydrocarbon odor, no staining.	0.0
SS	B-13-5	12 5				5	FILL	Same as above. No hydrocarbon odor, no staining.	0.0
SS	B-13-10	5 4 5 6				6	FILL	Same as above, few brick fragments. No HCLO, no staining.	0.0
SS	B-13-15	29	11:00			15 ——	FILL	Same as above, few brick fragments. No HCLO, no staining.	0.0
	Concrete  Bentonite (	Chips	n/a = NR =	10/20 Sa Not appl No recov	icable /ery	<b>▽</b> Water	Table	Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	
B/6/6763		· 	SS = HCLO =		eter split spoon s bon-like odor	sampler			
	_								



Client/Site Eagle Canyon Capital, LLC - Site No. 2840 8/8/2017 Date: Address: 12807 Des Moines Memorial Drive Rig type: CME 55 Driller: Cascade Drilling, LP Burien, Washington James Gobel Drilling Foreman: Method: Hollow Stem Auger Hole diameter: 8" Project No.: 123245 N. Olivier Logged By:

Screen: n/a pellets: n/a Casing: n/a Well Construction: -Well Pack: sand (#10/20): Casing diameter: n/a n/a Screen slot: n/a

		chips:					epth to GW:		
		concrete:					h of Boring:	50 ft bgs	
Sa	imple	Blow	Analytic	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
SS	B-13-20	36 36 50 for 6"				16 17 18 19 20 21 22	SM with gravel	Medium brown, moist, very dense silty sand with gravel. 60% sand, 10% silt, 30% gravel. No HCLO, no staining.	0.0
SS	B-13-25	41 50 for 6"				23 24 25 26 27 28 29	sw	Same as above. No HCLO, no staining.	0.6
SS	B-13-30	25 30	11:10			30	SW	Same as above, medium dense, 100% sand. No HCLO, no staining.	0.0
	Concrete Bentonite (	Chips	n/a = NR = SS =	10/20 Sa Not appl No recov 3" diame	icable	▼ Water sampler	Table	Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	



Client/Site Eagle Canyon Capital, LLC - Site No. 2840 8/7/2017 Date: Address: 12807 Des Moines Memorial Drive Driller: Cascade Drilling, LP Rig type: CME 55 Burien, Washington James Gobel Drilling Foreman: Hole diameter: 8" Project No.: 123245 Method: Hollow Stem Auger Logged By: N. Olivier

chips: 2-50 ft bgs Depth to GW: not encountered concrete: 0-2 ft bgs Total Depth of Boring: 50 ft bgs

		concrete:	_			rotal Dept	h of Boring:	50 ft bgs	
S	ample	Blow	Analytic	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
SS	B-13-35	32 21 22 32 32 15 19 21	11:10 11:20	Recovery	Construction	32	sw	Medium brown, moist, medium dense well graded sand. 95% sand, 0% silt, 5% gravel. No HCLO, no staining.  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  Concrete  Bentonite	19 21 20 Chips	n/a = NR = SS =	10/20 Sa Not appl No recov	icable	43 44 45 46	<b>SW</b> Table	Same as above, coarsening sand. No HCLO, no staining.  Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	0.0



Client/Site	Eagle Canyon	Capital, LLC - Site No. 2840	Date:	8/7/2017	
Address:	12807 Des Mo	ines Memorial Drive	Driller:	Cascade Drilling, LP	Rig type: CME 55
•	Burien, Washi	ngton	Drilling Foreman:	James Gobel	
Project No.:	123245		Method:	Hollow Stem Auger	Hole diameter: 8"
Logged By:	N. Olivier		<del>_</del>		
	pellets:	n/a	- Well Construction: -	Casing: n/a	Screen: n/a
Well Pack:	sand (#10/20): n/a		— Well Collsti action	Casing diameter: n/a	Screen slot: n/a
•	chips:	2-50 ft bgs	Depth to GW:	not encountered	
•	concrete:	0-2 ft bgs	Total Depth of Boring:	50 ft bgs	

Sa	ımple	concrete:	Analytical Sample Well		M/all	Depth Litho		50 ft bgs	DID.
	No.	Blow Count		1		Scale (ft)	Column	Descriptions of Materials	PID (PPM)
Туре	NO.	Count	Time	Recovery	reservation	Scale (It)	Column	and Conditions	(1 1 101)
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
ESSESSES	Concrete # 10/20 Sand  n/a = Not applica  NR = No recover			licable	✓ Water	Table	Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.		



Rig type: CME 55

Hole diameter: 8"

Screen: n/a

Screen slot: n/a

8/7/2017 Date:

Casing: n/a

Casing diameter: n/a

Eagle Canyon Capital, LLC - Site No. 2840 12807 Des Moines Memorial Drive Cascade Drilling, LP Driller:

Burien, Washington James Gobel Drilling Foreman:

Hollow Stem Auger Project No.: 123245 Method:

N. Olivier Logged By:

Client/Site

Address:

pellets: n/a Well Construction: -Well Pack: sand (#10/20): n/a

> chips: 2-55 ft bgs Depth to GW: not encountered

	-	cnips: concrete:					epth to GW: h of Boring:		
Sa	ample	Blow		al Sample	Well	Depth	Litho	Descriptions of Materials	PID
	-	Count			Construction	Scale (ft)	Column		(PPM)
Type hand auger	No.	n/a	Time	n/a	Construction	2 3 4	FILL	and Conditions  8" asphalt surface  Medium brown, moist, modium loose previously placed fill.  No HCLO, no staining.	
SS	B-14-5	19 21 50 22 29 34				5 ————————————————————————————————————	SM w/ gravel	Dark grey, moist, very dense, silty sand with gravel. 65% sand, 25% silt, 10% gravel. No HCLO, no staining.  Same as above, medium dense. No HCLO, no staining.	0.0
SS	B-14-15 Concrete Bentonite C	41 Chips	n/a = NR = SS =		icable	12 13 14 15 Water		Same as above, very dense. No HCLO, no staining.  Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface.  Groundwater not encountered during drilling.	0.0



12807 Des Moines Memorial Drive

Eagle Canyon Capital, LLC - Site No. 2840

Rig type: CME 55

Date:

8/8/2017 Cascade Drilling, LP Driller:

James Gobel Drilling Foreman:

Hollow Stem Auger Hole diameter: 8" Method:

N. Olivier Logged By:

123245

Client/Site

Address:

Project No.:

pellets: n/a Well Pack: sand (#10/20): n/a

Burien, Washington

Well Construction: -

Casing: n/a Screen: n/a Casing diameter: n/a Screen slot: n/a

chips: 2-55 ft bgs Depth to GW: not encountered

r		concrete:	0-2 ft	bgs		Total Dept	h of Boring:	55 ft bgs	
Sa	ample	Blow	Analytic	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
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 30	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			31	SW	Same as above. Very strong solvent odor, no HCLO, no staining.	1,225
	Concrete  Bentonite	Chips	n/a = NR = SS =	10/20 Sa Not appl No recov 3" diame	icable	₩ater Water sampler		Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	



Client/Site Eagle Canyon Capital, LLC - Site No. 2840 8/7/2017 Date: Address: 12807 Des Moines Memorial Drive Driller: Cascade Drilling, LP Rig type: CME 55 James Gobel Burien, Washington Drilling Foreman: Hollow Stem Auger Hole diameter: 8" Project No.: 123245 Method: N. Olivier Logged By: pellets: n/a Casing: n/a Screen: n/a Well Construction: -Well Pack: sand (#10/20): Casing diameter: n/a Screen slot: n/a n/a

chips: 2-55 ft bgs Depth to GW: not encountered

·		concrete:	0-2 ft	ogs		Total Dept	h of Boring:	55 ft bgs	
Sa	imple	Blow	Analytica	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
SS	B-14-40	21 25 25 25	11:00	Recovery	Construction	32 32 33 34 35 36 37 38 39 40	sw	Same as above. Very strong solvent odor, no HCLO, no staining.	262
SS	B-14-45	23 27 31 26 26 26 32				41 42 43 44 45 46	SW w/ gravel	Same as above. Strong musty/mildew/solvent odor. No HCLO, no staining.  Same as above, slight coarsening of sand. 90% sand, 10% gravel. Strong solvent odor, no HCLO, no staining.	126
	Concrete  Bentonite (	Chips	n/a = NR = SS =	10/20 Sa Not appl No recov 3" diame	icable	✓ Water	Table	Comments: Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	



**Boring/Well Number:** 

B-14

Sheet 4 of 4

Client/Site Eagle Canyon Capital, LLC - Site No. 2840 8/7/2017 Date: Address: 12807 Des Moines Memorial Drive Cascade Drilling, LP Driller: Rig type: CME 55 Burien, Washington James Gobel Drilling Foreman: Hollow Stem Auger Hole diameter: 8" Project No.: 123245 Method: N. Olivier Logged By: Screen: n/a pellets: n/a Casing: n/a Well Construction: -Well Pack: sand (#10/20): n/a Casing diameter: n/a Screen slot: n/a

chips: 2-55 ft bgs Depth to GW: not encountered

	•	concrete:					epth to GW: th of Boring:	55 ft bgs	
		Blow		al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
SS	B-14-50	19 23 29 43 50 for 6"	11:30			47 ————————————————————————————————————	SW w/gravel	Same as above. Moderate solvent odor, no HCLO, no staining.  Same as above. Very slight odors, no staining.	7.5
	Concrete Bentonite (	Chips	n/a = NR = SS =	10/20 Sa Not appl No recov 3" diame	icable	✓ Water sampler	Table	Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	1



Client/Site Eagle Canyon Capital, LLC - Site No. 2840 8/7/2017 Date: Address: 12807 Des Moines Memorial Drive Driller: Cascade Drilling, LP Rig type: CME 55 James Gobel Burien, Washington Drilling Foreman: Hollow Stem Auger Hole diameter: 8" Project No.: 123245 Method: N. Olivier Logged By:

chips: 2-35 ft bgs Depth to GW: not encountered

T		concrete:	0-2 ft	bgs		Total Dept	h of Boring:	35 ft bgs	
Sa	ample	Blow	Analytic	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
hand auger						1 2 3 4	FILL	6" asphalt surface  Medium brown, moist, silty sand with gravel, previously placed fill.	0.0
SS	B-15-5	50 for 6"		NR		5 6 7 8 9			
SS	B-15-10	6 7 7	14:30			10 11 12 13 14 15	SM w/gravel	Medium grey, wet, loose pea gravel (old sump material).  Limited sample recovery.  Medium grey, moist, very dense silty sand with gravel (possible old fill).	0.0
	Concrete  Bentonite (		n/a = NR = SS =		icable	✓ Water sampler		Comments: Boring backfilled with hydrated,3/8 inch sodium bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	



Client/Site Eagle Canyon Capital, LLC - Site No. 2840 8/7/2017 Date: Address: 12807 Des Moines Memorial Drive Cascade Drilling, LP Rig type: CME 55 Driller: Burien, Washington Drilling Foreman: James Gobel Hollow Stem Auger Hole diameter: 8" Project No.: 123245 Method: N. Olivier Logged By: pellets: n/a Casing: n/a Screen: n/a Well Construction: -Well Pack: sand (#10/20): Casing diameter: n/a n/a Screen slot: n/a chips: 2-35 ft bgs Depth to GW: not encountered

	•	concrete:		bgs		Total Dept	h of Boring:	35 ft bgs	
Sa	ımple	Blow	Analytica	al Sample	Well	Depth	Litho	Descriptions of Materials	PID
Туре	No.	Count	Time	Recovery	Construction	Scale (ft)	Column	and Conditions	(PPM)
SS	B-15-20  B-15-25 50 for 6"	21 30 21 23 30	14:45	NR	Construction	20		Medium grey, moist, very dense, silty sand with gravel. 45% sand, 30% silt, 25% gravel. No HCLO, no staining.  No sample recovery.	
SS	B-15-30 Concrete	46 50 for 6"	#	10/20 Sa	nd	27	Table	Medium grey, moist, very dense, well graded sand. 80% sand, 10% silt, 10% gravel. Wet (water from above). No HCLO, no staining.  Comments: Boring backfilled with hydrated,3/8 inch sodium	
	Bentonite (	Chips	n/a = NR = SS =	Not appl No recov	icable	sampler		bentonite chips. Concrete seal at surface. Groundwater not encountered during drilling.	



concrete:

0-2 ft bgs

**Boring/Well Number:** 

**B-15** 

Sheet 3 of 3

Client/Site Eagle Canyon Capital, LLC - Site No. 2840 8/7/2017 Date: Address: 12807 Des Moines Memorial Drive Driller: Cascade Drilling, LP Rig type: CME 55 Burien, Washington Drilling Foreman: James Gobel Project No.: 123245 Method: Hollow Stem Auger Hole diameter: 8" Logged By: N. Olivier Screen: n/a pellets: n/a Casing: n/a Well Construction: -Well Pack: sand (#10/20): Casing diameter: n/a Screen slot: n/a n/a 2-35 ft bgs not encountered chips: Depth to GW:

Total Depth of Boring:

35 ft bgs

Sample **Analytical Sample** Blow Well Depth Litho **Descriptions of Materials** PID Count Construction Scale (ft) Column (PPM) and Conditions Type Time No. Recovery 32 -

						34 <b>–</b> – 35 <b>–</b>				
SS	B-15-35	41	15:00		(e 현급)는 현급을 현급을 현급을 현급을 현급을 현급을 현급을	35 -		SW	Medium grey, moist, medium dense, well graded sand. 95%	0.0
		50 for 6"				36 <b>–</b>			sand, 5% silt, 0% gravel. No HCLO, no staining.	
						37 <b>–</b>				
						38 —				
						_				
						39 <b>–</b>				
						40 —				
						_				
						41 —				
						42 —				
						_				
						43 —				
						44 —				
						_				
						45 —				
						46 –				
7000	<u> </u>						Votor	Table	Comments:	
//////////////////////////////////////	Concrete		n/a =	10/20 Sa Not appl		<b>▽</b> v	vater	rable	Boring backfilled with hydrated, 3/8 inch sodium bentonite chips. Concrete seal at surface.	
	Bentonite	Chips	NR =	No recov	very				Groundwater not encountered during drilling.	
	<b>1</b>	•	SS =	3" diame	eter split spoon :	sample	er			

SS = 3" diameter split spoon sampler

