

Site Improvements at Project: Site Improvement DOT Kahului Baseyard

Project Location: Kahului, Maui, Hawaii

Project Number: 031620-00

Kokua Geotech LLC

94-974 Pakela Street, Suite 109 Waipahu, HI 96797 (808) 397-6974

Key to Logs of Borings

Sheet 1 of 1

Elevation (feet)	Depth (feet) Sample Type	Sample Number	Sampling Resistance, blows/ft	U.S.C.S	Graphic Log	MATERIAL DESCRIPTION	Pocket Pen./Torvane, tsf	Water Content, %	Dry Unit Weight, pcf	- Remarks and - Other Tests	
	2 3	4	5	6	7	8	9	10	11	12	

COLUMN DESCRIPTIONS

- 1 Elevation (feet): Elevation (MSL, feet).
- Depth (feet): Depth in feet below the ground surface.
- Sample Type: Type of soil sample collected at the depth interval
- Sample Number: Sample identification number.
- 5 Sampling Resistance, blows/ft: Number of blows to advance driven sampler one foot (or distance shown) beyond seating interval using the hammer identified on the boring log.
- U.S.C.S: Type of material encountered.
- Graphic Log: Graphic depiction of the subsurface material encountered.
- 8 MATERIAL DESCRIPTION: Description of material encountered. May include consistency, moisture, color, and other descriptive

- 9 Pocket Pen./Torvane, tsf: the reading from Poecket Penetrometer or Torvane.
- Water Content, %: Water content of the soil sample, expressed as percentage of dry weight of sample.
- Dry Unit Weight, pcf: Dry weight per unit volume of soil sample measured in laboratory, in pounds per cubic foot.
- 12 Remarks and Other Tests: Other Tests

FIELD AND LABORATORY TEST ABBREVIATIONS

CHEM: Chemical tests to assess corrosivity

COMP: Compaction test

CONS: One-dimensional consolidation test

LL: Liquid Limit, percent

PI: Plasticity Index, percent

SA: Sieve analysis (percent passing No. 200 Sieve) UC: Unconfined compressive strength test, Qu, in ksf WA: Wash sieve (percent passing No. 200 Sieve)

MATERIAL GRAPHIC SYMBOLS



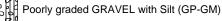
Asphaltic Concrete (AC)



Basalt Rock Formation



ean CLAY, CLAY w/SAND, SANDY CLAY (CL)





SILT, SILT w/SAND, SANDY SILT (ML)

Silty SAND (SM)

Poorly graded SAND with Silt (SP-SM)

TYPICAL SAMPLER GRAPHIC SYMBOLS



Grab Sample

3-inch OD Modified California w/ brass liners Q Coring

Probing w/ Pointed Tip 2-inch OD unlined split

spoon (SPT)

OTHER GRAPHIC SYMBOLS

- Water level (at time of drilling, ATD)
- Water level (after waiting)
- Minor change in material properties within a
- stratum
- Inferred/gradational contact between strata
- —? Queried contact between strata

GENERAL NOTES

- 1: Soil classifications are based on the Unified Soil Classification System. Descriptions and stratum lines are interpretive, and actual lithologic changes may be gradual. Field descriptions may have been modified to reflect results of lab tests.
- 2: Descriptions on these logs apply only at the specific boring locations and at the time the borings were advanced. They are not warranted to be representative of subsurface conditions at other locations or times.

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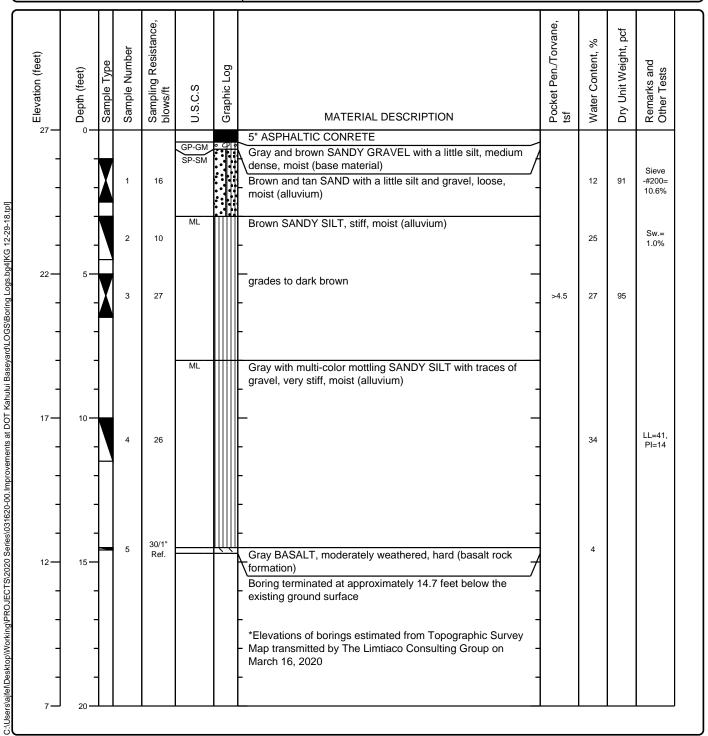
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Log of Boring No. 1

Sheet 1 of 1

Date(s) 7/15/2020 Drilled	Logged By SL	Checked By AJF/TL	
Drilling Method CF Auger	Drill Bit Size/Type 4-inch Solid Stem Auger	Total Depth of Borehole 14.7 feet	
Drill Rig Type Mobile B-53	Drilling Contractor Island Geotech	Approximate Surface Elevation +27 feet MSL*	
Groundwater Level and Date Measured Not Encountered		Hammer Data 140 lbs. with 30-inch drop	
Borehole Backfill Soil Cuttings and AC	Location See Site Plan (Plate 2)		



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Log of Boring No. 2

Sheet 1 of 1

Date(s) 7/15/2020 prilled	Logged By SL	Checked By AJF/TL	
Drilling Method CF Auger	Drill Bit Size/Type 4-inch Solid Stem Auger	Total Depth of Borehole 11.2 feet	
Drill Rig Type Mobile B-53	Drilling Contractor Island Geotech	Approximate Surface Elevation +30 feet MSL*	
Groundwater Level and Date Measured Not Encountered	Sampling MCS & SPT	Hammer Data 140 lbs. with 30-inch drop	
Borehole Backfill Soil Cuttings and AC	Location See Site Plan (Plate 2)		

