



GEOLABS, INC.

Geotechnical Engineering

TRAFFIC SIGNAL MODERNIZATION PROJECT
KALANIANA'OLE HIGHWAY &
KALANIIKI STREET INTERSECTION
HONOLULU, OAHU, HAWAII

Log of
Boring

2

Laboratory			Field				Depth (feet)	Sample	Graphic	USCS	Approximate Ground Surface Elevation (feet MSL): 19.5 *
Other Tests	Moisture Content (%)	Dry Density (pcf)	Core Recovery (%)	RQD (%)	Penetration Resistance (blows/foot)	Pocket Pen. (tsf)					Description
UC	25	87			38	4.5					5-inch ASPHALTIC CONCRETE
LL=66 PI=46	20				11					CH	6-inch CONCRETE
	30				55/4"		5				Brown CLAY with some sand and gravel, stiff to very stiff, moist (fill)
UC			63	63							Gray to reddish gray vesicular BASALT , severely to moderately fractured, moderately to highly weathered, medium hard to hard (pahoe hoe basalt)
					8		10				grades with seams of weathered clinker
			100	43			15				
	28				72		20				
UC			100	29			25				
			100	52			30				
					30/2"		35				
											Boring terminated at 26.67 feet
											* Elevation estimated from Signal Plan transmitted by Engineering Concepts, Inc. on January 31, 2019.


Date Started: May 10, 2019

Date Completed: May 10, 2019

Logged By: D. Gremminger

Total Depth: 26.67 feet

Work Order: 7328-00(C)

Water Level:  not encountered

Drill Rig: CME-45C TRUCK

Drilling Method: 4" Solid Stem Auger & PQ Coring

Driving Energy: 140 lb. wt., 30 in. drop

Plate

A - 1