				BS, I I Engir					KAHEKILI HIGHWAY INTERSECTION IMPROVEMENTS KOOLAUPOKO, OAHU, HAWAII Log of Boring 1						BS, IN				KAHEKILI HIGHWAY NTERSECTION IMPROVEMENTS KOOLAUPOKO, OAHU, HAWAII Log of Boring 2
LL=88 PI=57	(%) Content (%) 44 76 48 48		RQD (%)	Penetration 2 1 1	(blows/root) S S S S S S S S S S S S S S S S S S S	.8	Depth (feet)		Approximate Ground Surface Elevation (feet MSL): 92.5 * Description 4-inch ASPHALTIC CONCRETE M Tan SILTY CORALLINE GRAVEL with sand, medium dense, damp (base course)	Other Tests	Moisture 24 Content (%)	Dry Unit (Pcf)	Core Recovery (%)	RQD (%)	Penetration & Resistance (blows/foot)	0. S Pocket Pen. (tsf)	Depth (feet)		Approximate Ground Surface Elevation (feet MSL): 107 * Description 3-inch ASPHALTIC CONCRETE Tan SILTY CORALLINE GRAVEL with sand, medium dense, damp (base course)
5	59 60	0		7	0.	.5	5		grades to brown with multi-color mottling, soft		52	67			12	0.5	5	MF	Dark grayish brown with multi-color mottling CLAYEY SILT with some highly weathered basaltic gravel and organic matter, medium stiff, very moist (fill)
7	70			3	0.	.0	10	CI	L Gray with multi-color mottling SILTY CLAY with traces of highly weathered basaltic gravel, very soft, very moist (recent alluvium)		116				3	0.3	10		Dark gray ORGANIC SILT with traces of basaltic gravel and decomposed roots, very soft, very moist (recent alluvium)
6	64 60	0		9			15	N	H Reddish brown with gray mottling CLAYEY SILT with traces of extremely weathered basaltic gravel, medium stiff, very moist (old alluvium) Boring terminated at 16.5 feet * Elevations estimated from Topographic Map transmitted by KN Consulting Services, Inc. on December 9, 2004.	90	63	63			9	0.5	15	CH	Brown with orange mottling SILTY CLAY with traces of extremely weathered basaltic gravel, soft (old alluvium) Boring terminated at 16.5 feet
Date Starte Date Comp Logged By Total Depth Work Orde	pleted: /: :h:	Octo E. S 16.5					20		Water Level: \[\sum_{11 \text{ ft. } 10/30/04 \text{ 1008 HRS}} \] Drill Rig: MOBILE B-80 Drilling Method: 4" Auger Driving Energy: 140 lb. wt., 30 in. drop	Date S Date C Logged Total D Work C	Completed By: Depth:	ed:	Octobe Octobe E. Shin 16.5 fee	er 30 esato et	, 2004		20		Water Level: \[\sum_{\text{14.1 ft. 10/30/04 1120 HRS}} \] Drill Rig:

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STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

FED. ROAD DIST. NO. FISCAL SHEET NO.

40

2007

FED. AID PROJ. NO.

NH-083-1(60)

BORING LOGS

KAHEKILI HIGHWAY INTERSECTION IMPROVEMENTS

VICINITY OF HUI IWA STREET

FEDERAL—AID PROJECT NO. NH—083—1(60)

4-30-08 EXPIRATION DATE OF LICENSE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

GEOLABS, INC.

DATE: April 2007

SHEET No. C-38 OF 90 SHEETS

		Geot	echr	nical	S, IN		J .		KAHEKILI HIGHWAY INTERSECTION IMPROVEMENTS KOOLAUPOKO, OAHU, HAWAII						
Other Tests	Moisture Content (%)	Dry Unit Weight (pcf)	Core Recovery (%)	RQD (%)	Penetration Resistance (blows/foot)	Pocket Pen. (tsf)	Depth (feet)	Sample Graphic	SS	Approximate Ground Surface Elevation (feet MSL): 139 * Description Brown SILTY CLAY with some basaltic gravel, stiff, moist (fill)					
Ö	Cor	Dry	N Co	A D	Per Res (blc	Poc (tsf	Dep	San	SOSO						
	51	71			29										
	50				12	3.0			СН	Reddish brown with multi-color mottling SILTY CLAY with traces of highly weathered basaltic gravel, stiff to very stiff, moist					
	49	71			36		5								
	53				8	1.3	10								
	53	69			25		15		ОН	Dark gray ORGANIC SILTY CLAY with traces of basaltic gravel and decomposed roots, medium stiff, very moist Reddish brown with multi-color mottling SILTY CLAY with some highly weathered basaltic gravel, stiff to very stiff, moist (old alluvium) Boring terminated at 16.5 feet					
Date Star Date Con Logged E	nplete By:	ed:		er 30 insato	, 2004 , 2004		20			Water Level: Not Encountered Drill Rig: MOBILE B-80 Drilling Method: 4" Auger					

FED. ROAD	STATE	FED. AID	FISCAL	SHEET	TOTAL	
DIST. NO.		PROJ. NO.	YEAR	NO.	SHEETS	
HAWAII	HAW.	NH-083-1(60)	2007	41	90	



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

BORING LOGS

KAHEKILI HIGHWAY INTERSECTION IMPROVEMENTS
VICINITY OF HUI IWA STREET FEDERAL-AID PROJECT NO. NH-083-1(60)

DATE: April 2007

SHEET No. C-39 OF 90 SHEETS



4-30-08 EXPIRATION DATE OF LICENSE THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

GEOLABS, INC.