

Branson
+
D.H.

LOCATION OF BORING		WORK ORDER	CLIENT	LOCATION	
highly ravelled 3.5 2 2 3.5		5101-50	Hickman Off Ramp		
		DRILLING METHOD			BORING NO.
		B-80 / 4" concrete core			B-1
		4" Auger			SHEET
ELEVATION		HAMMER WT.	DROP	1 OF 1	
		140lb	30'	DRILLING	
		SAMPLING METHOD		START	
		SPT / RS		FINISH	
		WATER LEVEL	TIME	TIME	
		NA	219	229	
		DATE	DATE	DATE	
		DATE	DATE	6/18/06	
		CASING DEPTH	SURFACE CONDITIONS: level on AC		
		N/A			

DRILLING CONTR.

GEOLABS, INC.

CORE RECOVERY	SAMPLE TYPE	SAMPLE NUMBER	SAMPLE DEPTH	BLOWS	NUMBER OF RINGS	DEPTH IN FEET	USCS CODE	DESCRIPTION
						0		11" AC
2/18	SPT	1	1.0 2.5	20		1	GW	6" Brownish Gray Sandy Basaltic GRAVEL in a silt matrix, Dense, Dry (B-C)
				11	14	2	CL	DK Brown. Sandy CLAY w/ silt.
2/18	RS	2	2.5 4.0	9		3	CL	Very stiff, Damp. (sub B) (P.R.=20-25)
2/18	SPT	3	4.0 5.5	5	2.F.	4	MH	As above. Grades w/ some Basaltic Gravel.
				10	13G	5	SM	As above. Grades to clayey silt Very stiff. (P.R.=2.5-3.0)
						6	BOH	DK Brown silty Basaltic SAND + some clay
						7		Med-Dense. Damp.
						8		
						9		
						10		Boring terminated @ 5.5 FT.
						11		No. G.W
						12		Boring backfilled
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

6/18/06

BY
DATE

LOCATION OF BORING

WORK ORDER

CLIENT

LOCATION

561-50

Hakawa Off Ramp

DRILLING METHOD

B-80 / 4" Concrete Core
4" Auger

BORING NO.

B-2

SHEET

1 OF 1

HAMMER WT.

140lb

DROP 30"

SAMPLING METHOD

SPT / RS

DRILLING

START FINISH

WATER LEVEL

N/A

TIME TIME

TIME

2234 2254

DATE

DATE

CASING DEPTH

N/A

6/18/06

ELEVATION

CORE RECOVERY	SAMPLE TYPE	SAMPLE NUMBER	SAMPLE DEPTH	BLOWS	NUMBER OF RINGS	DEPTH IN FEET	USCS CODE
						0	
15/18	SPT	1	1.0 2.5	20		1	GW
				7	BH	2	
9/9	RS	2	2.5 3.25	12	9.F.	3	CL
				10		4	GP
0/0	SPT	3	5.0	10		5	BH
						6	
						7	
						8	
						9	
						10	
						11	
						12	
						13	
						14	
						15	
						16	
						17	
						18	
						19	
						20	

SURFACE CONDITIONS: level, on AC

measured mean 5" of BAD AC - 1"-2" RAUGH AC

12" AC

6" Brownish Gray Sandy Basaltic GRAVEL in a SILT matrix, Dense, Damp (B-C)

Brown w/ Multi-color MOTTING Sandy Clay w/ SILT + some Highly weathered rounded Basaltic GRAVEL, very stiff, Damp.

As above, Grades to Basaltic COBBLE + GRAVEL w/ sand. Very Dense

Boring terminated @ 5.0 FT.

NO. G.W.

BORING Backfilled

Broken + Ditch

DRILLING CONTR.

GEOLABS, INC.

6/18/06

BY DATE

LOCATION OF BORING		WORK ORDER	CLIENT	LOCATION
2" Mix IV 1" Mix III 2.5" Mix II BAD JOINT → 5" ACB		51d-50	Hickman Off Ramp	
		DRILLING METHOD		BORING NO.
		B-80 / 4" CONCRETE CORE		B-3
		4" Auger		SHEET
HAMMER WT. 140lb		DROP 30"	1 OF 1	
SAMPLING METHOD		DRILLING		
SPT/RS		START	FINISH	
WATER LEVEL		NA	TIME	
TIME			2:30	
DATE			6/18/06	
CASING DEPTH		NA	DATE	
			6/18/06	

Broken
+
Ditch

ELEVATION								SURFACE CONDITIONS: level on AC	
CORE RECOVERY	SAMPLE TYPE	SAMPLE NUMBER	SAMPLE DEPTH	BLOWS	NUMBER OF RINGS	DEPTH IN FEET	USCS CODE		
						0		MEASURED ABOUT 10.25-10.5" OF AC LOOKS GOOD. A 2" SECTION 1 1/2" SECTION 7" SECTION	
5/8	SPT	1	1.0 2.5	38 39		1	GM	10.5" AC	
				27	B/G	2		Brownish Gray Silty Basaltic GRAVEL + Sand. DENSE DAMP (B-Course)	
5/8	RS	2	2.5 4.0	16		3	ML	Tannish Brown w/ Multi-color Mottling Sandy SILT w/ Highly weathered Basaltic Gravel. very stiff. Damp	
12/8	SPT	3	4.0 5.5	10	2/G	4	ML		
				10	B/G	5	ML		
						6	B/G	(Sub-G / Residual)	
						7			
						8		Boring terminated	
						9		(A) 5.5 FT.	
						10		NO. G.W.	
						1		Boring backfilled	
						2			
						3			
						4			
						5			
						6			
						7			
						8			
						9			
						0			

DRILLING CONTR.

GEOLABS, INC.

6/18/06

BY DATE

LOCATION OF BORING

WORK ORDER

CLIENT

LOCATION

510-50

Handover Off Ramp

DRILLING METHOD

B-80 1/4" concrete core
4" Auger

BORING NO.

B-4

SHEET

1 OF 1

HAMMER WT.

140lb

DROP

30"

SAMPLING METHOD

SPT / PS

DRILLING

START

TIME

014

DATE

6/19/06

FINISH

TIME

0105

DATE

6/19/06

WATER LEVEL

N/A

TIME

DATE

CASING DEPTH

N/A

ELEVATION

54
ravelled
1 1/4"
1 1/2"
2 1/2"
4 1/2"

Brown + Dith.

DRILLING CONTR.

GEOLABS, INC.

XL
6/18/06

BY
DATE

CORE RECOVERY	SAMPLE TYPE	SAMPLE NUMBER	SAMPLE DEPTH	BLOWS	NUMBER OF RINGS	DEPTH IN FEET	USCS CODE	SURFACE CONDITIONS: Level on AC
						0		MEASURED 9 1/2 - 10" OF AC PAD
5/8	SPT	1	1.0 2.5	22		1	GW	10.5" AC
				21		2	ML	6" Brownish Gray Sandy Pneumatic GRAVEL in a SILT matrix. Dense. Damp (B-C)
5/8	PS	2	2.5 4.0	15		3	SM	Tanish Brown w/ Multi-color Mottling Sandy SILT w/ Pneumatic Gravel. very stiff. Damp (Sb-B/Resid)
5/8	SPT	3	4.0 5.5	30 8	2G	4		Brown w/ Multi-color Mottling SILTY SAND Med-Dense
				7		5	SM	Damp to Dry. (Volcanic Ash)
						6	BOH	As above, Grades w/ Pneumatic Gravel.
						7		
						8		Boring terminated @ 5.5ft.
						9		NO. G.W.
						0		Boring Backfilled
						1		
						2		
						3		
						4		
						5		
						6		
						7		
						8		
						9		
						0		

LOCATION OF BORING		WORK ORDER 5101-50	CLIENT Halawa Off Ramp	LOCATION
DRILLING METHOD B-80/4" concrete core			BORING NO. B-4A	
HAMMER WT.		DROP		
SAMPLING METHOD			SHEET 1 OF 1	
WATER LEVEL			START TIME	FINISH TIME
TIME			DATE	DATE
DATE			DATE	DATE
CASING DEPTH				

2 1/2
1"
2" AC
4" ACB

ELEVATION _____

Borehole
+
Ditch

DRILLING CONTR.

GEOLABS, INC.

6/19/06

BY _____
DATE

CORE RECOVERY	SAMPLE TYPE	SAMPLE NUMBER	SAMPLE DEPTH	BLOWS	NUMBER OF RINGS	DEPTH IN FEET	USCS CODE	SURFACE CONDITIONS:
						0		MEASURED 8 1/2" AC
						1	BCH	2" section 1" section Bud? same? 2" section 3" section
						2		4" AC
						3		
						4		
						5		
						6		
						7		
						8		
						9		
						0		
						1		
						2		
						3		
						4		
						5		
						6		
						7		
						8		
						9		
						0		

LOCATION OF BORING		WORK ORDER	CLIENT	LOCATION		
<i>10' 1"</i> <i>4" AC</i> <i>5" AC</i>		510-50	Halawa Off Ramp			
		DRILLING METHOD			BORING NO.	
		B-80 / 4" Concrete Core			B-5	
		4" Auger			SHEET	
HAMMER WT.		140lb	DROP		30"	
SAMPLING METHOD		SPT / RS			DRILLING	
WATER LEVEL		N/A			START	
TIME					0121	
DATE					0210	
CASING DEPTH		N/A			DATE	
					6/20/06	

ELEVATION _____

CORE RECOVERY	SAMPLE TYPE	SAMPLE NUMBER	SAMPLE DEPTH	BLOWS	NUMBER OF RINGS	DEPTH IN FEET	USCS CODE	SURFACE CONDITIONS:
						0		Level on AC
5/8	SPT	1	1.0 2.5	26		1	SU	measured 10" of AC AD to 5" below more rings Bot. 5" thick more casing
				21		2	MH	10.5" AC
				20	BFT	2		Brown w/ Gray Mottling Basaltic Gravelly SAND in a Silt Matrix. Dense, Damp (B-C)
3/3	RS	2	2.5 2.75	30	BFT	3	ML	Brown clayey SILT w/ some Basaltic Gravel, Very stiff, DAMP. (Sub-Base / Residual)
9/8	SPT	3	4.0 5.5	27		4	ML	Orangeish Brown Fine Sandy SILT, Very Hard, Dry
				38	BFT	5	ML	(Weathered Volcanic Ash)
				45	BFT	5	BOH	
						6		
						7		
						8		Boring terminated @ 5.5 FT.
						9		No. G.W.
						10		Boring backfilled
						11		
						12		
						13		
						14		
						15		
						16		
						17		
						18		
						19		
						20		

By *Brandon + DHH.*

DRILLING CONTR.

GEOLABS, INC.

BY DATE

YC
6/20/06