WBS 38688.1.2	**TIP** I-0914BA	**COUNTY** VANCE	**GEOLOGIST** Contract Geologist
SITE DESCRIPTION SITE #3: BRIDGE NO. 49 ON -Y5SBL- (US 1 BYPASS) OVER -NBL- (I-85)			**GROUND WTR (ft)**
BORING NO. B1-B	**STATION** 21+12	**OFFSET** 19 ft RT	**ALIGNMENT** -Y5SBL- — **0 HR.** N/A
COLLAR ELEV. 391.8 ft	**TOTAL DEPTH** 69.5 ft	**NORTHING** 954,144	**EASTING** 2,187,933 — **24 HR.** 8.6
DRILL RIG/HAMMER EFF./DATE F&R3495 CME-55 84% 12/14/2012		**DRILL METHOD** H.S. Augers	**HAMMER TYPE** Automatic
DRILLER Contract Driller	**START DATE** 10/23/13	**COMP. DATE** 10/24/13	**SURFACE WATER DEPTH** N/A

ELEV (ft)	DRIVE ELEV (ft)	DEPTH (ft)	BLOW COUNT 0.5ft	0.5ft	0.5ft	BLOWS PER FOOT (0 25 50 75 100)	SAMP. NO.	MOI	LOG	SOIL AND ROCK DESCRIPTION
395										
	391.8	0.0								391.8 GROUND SURFACE 0.0
390			WOH	1	3	4		M		**ROADWAY EMBANKMENT** RED-TAN, CLAYEY SAND WITH TRACE GRAVEL 389.8 2.0
	388.3	3.5	3	3	3	6		M		TAN, SANDY SILT
385										
	383.3	8.5	1	1	1	2		M		380.8 11.0
380										**ALLUVIAL** DARK GRAY, SANDY SILT WITH TRACE CLAY AND ORGANICS (ROOTS)
	378.3	13.5	WOH	WOH	WOH	0		W		374.8 17.0
375										**RESIDUAL** GRAY, TAN, AND ORANGE, SILTY SAND SAPROLITIC,
	373.3	18.5	2	3	5	8		W		
370										
	368.3	23.5	4	5	6	11		W		
365										
	363.3	28.5	6	7	9	16		W		
360										
	358.3	33.5	7	8	9	17		W		
355										
	353.3	38.5	6	9	14	23		M		349.8 42.0
350										GRAY, TAN, AND WHITE, SANDY SILT, SAPROLITIC
	348.3	43.5	24	29	28	57		M		345.6 46.2
345										**WEATHERED ROCK** (METAMORPHOSED GRANITIC ROCK)
	343.3	48.5	95	5/0.0		100/0.5				
340										
	338.3	53.5	60/0.0			60/0.0				338.3 53.5
335										**CRYSTALLINE ROCK** (METAMORPHOSED GRANITIC ROCK)
	333.3	58.5	34	12	37	49		W		333.3 58.5
330										**RESIDUAL** TAN, GRAY, AND ORANGE, SILTY SAND WITH COARSE SAND, SAPROLITIC
	328.3	63.5	66	34/0.1		100/0.6				328.3 63.5
325										**WEATHERED ROCK** (METAMORPHOSED GRANITIC ROCK)
	323.3	68.5								323.3 68.5
	322.3	69.5	60/0.0			60/0.0				322.3 **CRYSTALLINE ROCK** (METAMORPHOSED GRANITIC ROCK) 69.5
			60/0.0			60/0.0				Boring Terminated with Standard Penetration Test Refusal at Elevation 322.3 ft in CRYSTALLINE ROCK (METAMORPHOSED GRANITIC ROCK)