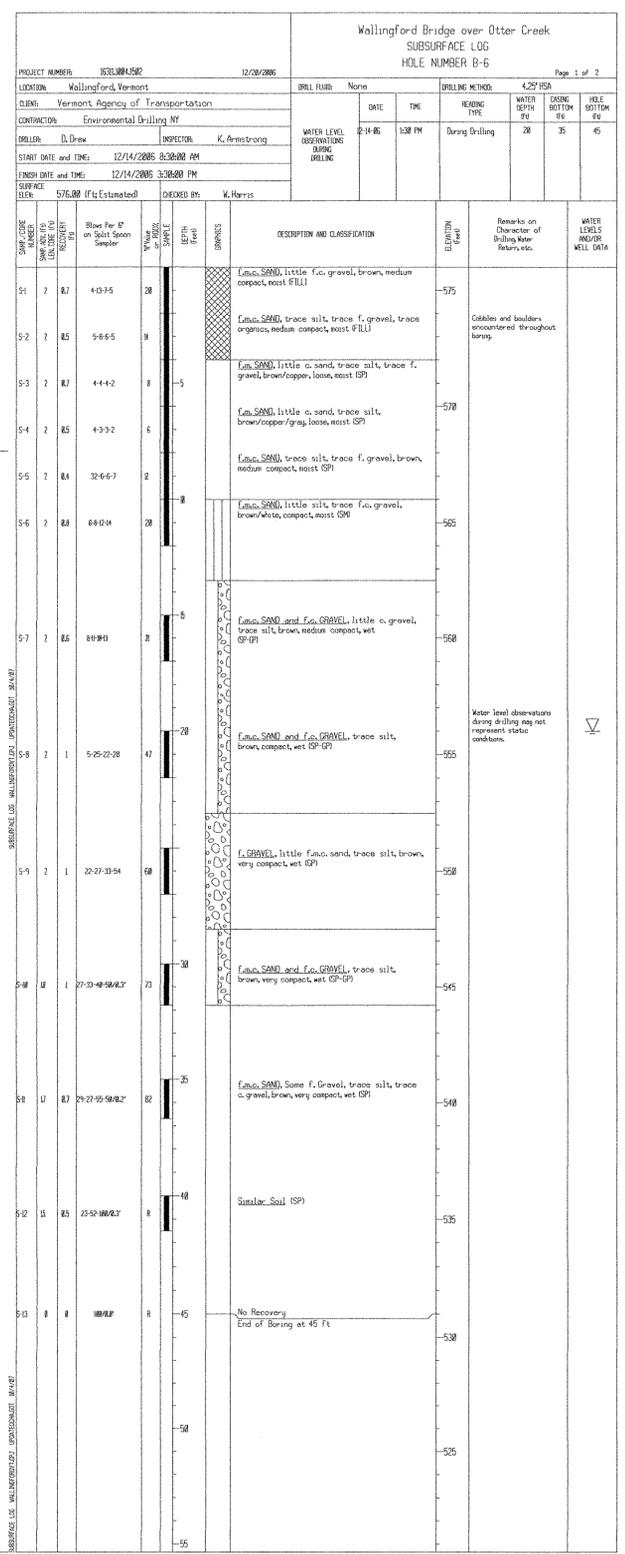


ABUTMENT 2
BOTTOM OF FOOTING
EL.566.00

ABUTMENT 2
ESTIMATED PILE
TIP EL.514.00



ABUTMENT 1
BOTTOM OF FOOTING
EL.568.08

ABUTMENT 1
ESTIMATED PILE
TIP EL.518.00

TABLE 1
TYPICAL SAMPLE TYPES

TABLE 2
SAMPLE MATERIAL PROPORTIONS

ADJECTIVE	PERCENTAGE OF SAMPLE
"and"	35% - 50%
"some"	20% - 35%
"little"	10% - 20%
"trace"	< 10%

Standard split spoon samples may not recover particles with any dimension larger than 1 3/8". Therefore, reported gravel percentages may not reflect actual conditions.

TABLE 3
DENSITY/CONSISTENCY

GRANULAR SOILS		COHESIVE SOILS	
Blows/ft.	Density	Blows/ft.	Consistency
< 5	Very Loose	< 2	Very Soft
5-10	Loose	2-4	Soft
11-30	Med. Compact	5-8	Med. Stiff
31-50	Compact	9-15	Stiff
> 50	Very Compact	16-30	Very Stiff
		> 30	Hard

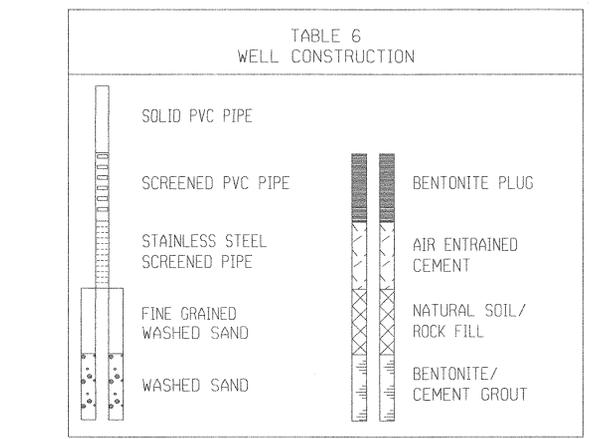
TABLE 4
USCS CLASSIFICATION, PARTICLE SIZE, & GRAPHICS

MAJOR PARTICLE SIZE DIVISION	USCS SYMBOL	GRAPHIC SYMBOL	GENERAL DESCRIPTION
GRAVEL Coarse: 3"-3/4" Fine: 3/4"-#4 Classification based on > 50% being gravel	GW		Well graded gravels, gravel & sand mix.
	GP		Poorly graded gravels, gravel & sand mix.
	GM		Gravel, sand and silt mix.
	GC		Gravel, sand and clay mix.
SAND Coarse: #4-#10 Med.: #10-#40 Fine: #40-#200 Classification based on > 50% being sand	SW		Well graded sand, sand & gravel mix.
	SP		Poorly graded sand, sand & gravel mix.
	SM		Sand and silt mix.
	SC		Sand and clay mix.
SILT & CLAY	ML		Inorganic silt, low plasticity.
	CL		Inorganic clay, low plasticity.
	OL		Organic silt/clay, low plasticity.
	MH		Inorganic silt, high plasticity.
ORGANIC SOILS	CH		Inorganic clay, high plasticity.
	OH		Organic silt/clay, high plasticity.
FILL	Pt		Peat and other highly organic soils.
	Fill		Miscellaneous fill materials.

TABLE 5
ROCK CLASSIFICATION TERMS

HARDNESS:		WEATHERING:	
Very Soft	Carves	Fresh	Slight or no staining of fractures, little or no discoloration, few fractures.
Soft	Grooves with knife	Slightly	Fractures stained, discoloration may extend into rock 1", some soil in fractures.
Med. Hard	Scatched easily with knife	Moderately	Significant portions of rock stained and discolored, soil in fractures, loss of strength.
Hard	Scatched with difficulty	Highly	Entire rock discolored and dull except quartz grains, severe loss of strength.
Very Hard	Cannot be scratched with knife	Complete	Weathered to a residual soil.

BEDDING:		FRACTURE SPACING:		RQD:	
Massive	> 40"	Massive/V. Wide	> 6'	Excellent	> 90%
Thick	12" - 40"	Thick/Wide	2' - 6'	Good	76% - 90%
Medium	4" - 12"	Med./Med.	8" - 24"	Fair	51% - 75%
Thin	< 4"	Thin/Close	2 1/2" - 8"	Poor	25% - 50%
		V. Thin/V. Close	< 2 1/2"	V. Poor	< 25%



BORING LOGS

PROJECT NAME: WALLINGFORD	PROJECT NUMBER: STP ST WALK(14)
FILE NAME: \$FILES\$	PLOT DATE: 1/9/2009
PROJECT MANAGER: SUSAN SCRIBNER	DRAWN BY: W. WEATHERBY
DESIGNED BY: L. HARDEN	CHECKED BY: P. HALSTEAD
BRIDGE DESIGN SUPERVISOR: P. HALSTEAD	SHEET 15 OF 26

NOTE:
SEE SHT.14 FOR BORING LOCATIONS

