MALCOLM PIRNIE — MALCOLM PIRNIE, INC. 100 EISENHOWER DR. P.O. BOX 36 PARAMUS, NJ 07653

BORING MLC-MW-15d

PROJECT: MAMARONECK LEAF COMPOST SITE | PROJECT NO: 1547-01-1

DATE: 27 Nov 90 | LOCATION: TAYLOR LANE, MAMARONECK

ELEVATION: | DATUM:

SAMPLE no.	depth	recovery %	blows per 6"	DEPTH	STRATA	SOIL DESCRIPTION (M. COMP.., TEX.., C.., 2nd COMP., TEX. / C.: 3rd COMP.., ETC.., MOIST.., OTHER *)	WELL CONSTR.	REMARKS
						BACK GROUND HNU .1 to .2 ppm.	6" DIA. STEEL CASING & LOCKING CAP	
SS#1	0'to2'	50%	2 1 / 2 4	0		FILL, organic, compost, poorly sorted f-m sand matrix, little gravel, 3" wood in shoe, drk brn, damp, HNU .1--2	grade	
SS#2	2'to4'	25%	19 20 / 4 3	2		FILL, Wood core HNU-.1	2" I.D. Stainless steel (316) casing set from 29.5' below grade with a 2' stick-up	
SS#3	4'to6'	15%	2 1 / 2 2	4		FILL, compost organics, f-m sand matrix little gravel, wood in shoe, drk brn, damp HNU .1--2		
SS#4	6'to8'	10%	1 2 / 1 3	6		FILL, same	4" stainless casing (316) set from 29.1' below grade with a 2' stick-up	
SS#5	8'to10'	45%	15 60 / 5 5	9		FILL, organic material, Wood frags rooty material, some wire, bark, 5" of wood core, drk brn, No HNU.		
SS#6	10'to12'	10%	1 2 / 1 1	10		FILL, organic f-sand matrix, some silt, drk brn, wet, No HNU reading. (possible wash?)	Cement/bentonite grout placed from 25.5' to grade	
				12				
				15				
				17				

NOTES: DRILLING CONTR. — EMPIRE
DRILLER — JOHN YEATON
DRILLERS HELPER — JOE RAAB
DRILLING METHOD — SPIN CASING AND Rock Coring
DRILLING RIG — TRACK MOUNTED CME

MPI INSPECTOR
Edward Woodford

* NOTE: M. COMP. = MAJOR COMPONENT, TEX. = TEXTURE, C. = COLOR, COMP. = COMPONENT, MOIST. = MOISTURE

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				18'		At 18.5' Spin casing hit high resistance probably top of rock		
SS#7	20 to 22	50%	16 17 / 19 13	20		very weathered Rock mica flakes, v.f.-m quartz grains rock frags, grey-green	Reamed rock wall (for casing socket)	4" stainless casing set from 29.1' with a 2' stick-up
SS#8	25 to 27	0	100/½"	25		No Recovery Wash material	Cement bentonite grout placed from 25.5' to surface	No 1 sand pack from 40 below grade up to 25.5'
							2" I.D Stainless steel (316) Casing placed from 29.5' below surface with 2' of stick-up	27' Bentonite Seal 29'
SS#9	30-32	10%	100/3"	30		Same weathered material.	Rock core	29.5' 10' of 2" I.D Stainless steel screen with .010" slots 39.5'
				35				
				40		Due to contingencies encountered during well installation (i.e. running sands, severely weathered zones of bedrock to an undetermined depth) the constr. of this well follows the overburden well constr. rather than the deep rock well constr. as outlined in the work plan. This decision has been approved by the DEC.		

NOTES:

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