

Appendix I

Soil Boring Logs



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-1	SHEET 1	OF 1
SOIL BORING LOG			

PROJECT Temex Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Strataprobe
 WATER LEVELS 7.8' BGS @ 1800 / ^{4/12/16} 7.75' BGS START 10/24/16 FINISH 1720 LOGGER R. Costa

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0'-2'	S-1	1.7	N/A	Silty & Sand, (SM), v-dk brown to br 2/2, moist.	0-0.7' top soil. 0.0ppm
2					Silty & Sand, silty clay, greenish-brown sand, dk yellow-brown to br 3/6, moist.	
3	2'-4'	S-2	1.6	N/A	S.A.A., dark brown loys 3/3, moist.	0.0ppm
4					Silt (ML), dk yellowish-brown loys	
5	4'-6'	S-3	1.3	N/A	4/4 to 4/6; dry, very stiff	penetrometer = 2.6 kg/cm ² - 3.5 kg/cm ² 0.0ppm
6					S.A.A., siltier downward into	
7	6'-8'	S-4	1.3	N/A	dk yellowish brown loys 4/6, moist (SM)	0.0ppm. Upper 7 feet S.A.A. Lower .5 feet (SM). BOTTOM OF SAMPLE N.A. POSSIBLE SOLVENT CONC.
8					S.A.A., silty, trace of greenish mottled silt/clay.	0.0ppm
9	8'-10'	S-5	1.0	N/A	S.A.A. (SM-SW), increasing gravel downward	
10					Saturated.	0.0ppm
11	10'-12'	S-6	1.2	N/A		
12						
<p>FROM S-4: ~ 6.7' to 7.2' BGS for on site VOL ANALYSIS.</p> <p>SET TEMPORARY WELL AT MA-1 SCREEN 7 1/2" - 6' BGS. 0.010" SLOT, 1" DIA. SAMPLED @ 1745 FOR ON SITE AND OFF SITE LAB ANALYSIS. T = 48.5 F CONDUCTIVITY = 1530 µS/cm. PH = 6.40 TURBIDITY = 2200 (CONDUCT) COLOR: MEDIUM BROWN. DTW = 7.80' BGS @ 1800.</p>						<p>BOTTOM OF BORING AT 12' BGS.</p>



SUBJECT _____

BY _____ DATE _____
SHEET NO. _____ OF _____
PROJECT NO. _____

MA-2
SEE LOG OF MA-5



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-3	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Tenneco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Strata probe
 WATER LEVELS 6.73' @ 65' @ 1550 / 10/25/96 / 6.66' START 1420 / 10/25/96 FINISH 1500 LOGGER R. COSTA

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0-2	S-1	0.8	N/A	silty f. SAND (SM) with trace of gravel; dk yellowish brown 10yr 4/4, dry.	ppm = 0.0
2					S.A.A.	ROCK LOGGED IN TIP OF SAMPLER. ppm = 0.0
3	2-4	S-2	0.1	N/A	S.A.A., dk yellowish brown 10yr 4/4,	ppm = 0.0
4					moist, trace clay	
5	4-6	S-3	1.4	N/A	S.A.A., SATURATED.	ppm 0.0
6						
7	6-8	S-4	1.2	N/A		
8						
9	8-10'	S-5	1.3	N/A	silty f. SAND (SM) w/ trace f. gravel; dk yellowish brown 10yr 4/4, SATURATED	BOTTOM 0.6' OF SAMPLER dk grayish brown, 10yr 4/2-
10						BOTTOM OF BORING @ 10'
					COLLECT SOIL SAMPLE FROM 6' @ 65' (54' @ 65') FOR ON-SITE USE ANALYSIS FROM Btm of 5-3.	
					SET TEMP. POINT W/ SCREEN 10'-5' @ 65', 0.010" std, 1" dia. DTW = 6.73' @ 65' @ 1550 COLLECT AQUEOUS SAMPLE MA-3 @ 1555 FOR ONSITE AND OFFSITE ANALYSIS T = 49.6°F CONDUCTIVITY = 2400 µS/cm PH = 5.98 TURBIDITY > 200 NTU MED GRAY BROWN COLOR	



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-4A	SHEET 1	OF 1
SOIL BORING LOG			

PROJECT Temeco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Strataprobe
 WATER LEVELS N/A START 10/27/96 0820 FINISH 0820 LOGGER R. COSTA

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0.3'-2'	S-1	1.0	14R	c-4 SAND, trace of gravel (SW), dk yellow-brown clay 3/4 to blk, dry. Silty.	0.0 ppm ASBESTOS ~ 0.3' THICK INCLUDES SOME FRAGMENTS MO ASH
2						
3	2'-4'	S-2	1.8	N/A	Silty s. sand, blk to dk yellow brown and gray. <u>STRIFE ALL</u>	SOIL ASH ABUNDANT IN UPPER 1.2' LONG SAMPLE TUBE. 0.000M = 0.0M
4					Silty s. sand (SM), dk yellowish brown w/ 1/4" water.	0.000M = 0.0M
5	4'-6'	S-3	1.1	N/A	f. sandy SILT (ML), yellowish brown clay fib, moist to wet	BTM ~ 0.3' of SAMPLE TUBE IS WET.
6						BTM OF BORING MA-4A @ 6' 8 1/2'
0815					COLLECT SAMPLE FROM S-3 FOR ON SITE ANALYSIS (UOC) OFF-SITE ANALYSIS VOL SVOC METALS TPH SAMPLE INTERVAL IS 4.0-5.1' BGL	



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-5/MA-2 SHEET 1 OF 1
SOIL BORING LOG	

PROJECT Tenneco - Macedon LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Strataprobe
 WATER LEVELS 9.24' BGS @ 1400 / 10/29/96 / 9.10 START 1035 FINISH 1115 LOGGER R. COSTA

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0-2'	S-1	0.0	N/A	SILTY SAND (SW), DK BROWN W/ YR S/S, moist, loose, trace f. gravel (fill)	TIP OF TUBE SAMPLER CONTAINS FILL. CONTAINS BLUE WHITE PLASTIC BEADS, PLASTIC SHEETING, COMPACTY PAGES.
2						
3						
4						NO SAMPLE 2'-5' BGS.
5						
6	5'-7'	S-2	1.3	N/A	F. SAND, trace silt (SP), yellowish brown loys EM, moist to wet.	SAMPLE MAS-2 EMULGED FROM 5'-6' BGS @ 1100 FOR ON SITE AND OFF SITE LAB ANALYSIS.
7					c.c. SAND AND GRAVEL FREE Silt (GW), DK GRAYISH BROWN (GYR 4/2 TO BROWN) YELLOW GRAY GIL, moist to wet	GRAVEL WINDS CORRECT GRAY SANDSTONE.
8	7'-9'	S-3	0.9	N/A		
9					S. A. A, med gravel, wet to saturated	BOTTOM 0.5' SATURATED.
10	9'-11'	S-4	1.1	N/A		
11						
					ALTHOUGH DEPOSITED IN WAY, IT IS RESISTANT TO PENETRATION W/ STRATAPROBE FROM 7'-11' BGS. THIS MAY BE A TILL UNIT WITH LOW WATER CONTENT.	
					SET TEMPORARY WELL AT MA-5. THIS IS WELL MA-2, SCREEN ~ 12'-7' BGS. 0.010" slot, 1" dia	
					NO OIL OPERATIONAL TO SCREEN GELS AT THIS BORING.	
					NO VISIBLE SIGNS OF CONTAMINATION (FREE PRODUCT, DISCOLORATION OR ODORS) IN ZONE FROM BOREHOLE MA-5.	
					HAND AUGER USED FOR SAMPLE (MAS-1), FOR USE OF VOC ANALYSIS	1.0-1.5' BGS.
					DTW IN MA-2 = 9.24' BGS @ 1400	
					GW SAMPLE PARAMETERS (MA-2)	
					T = 56.7 °F	
					PH = 5.9	
					CONDUCTIVITY = 1047 µS/cm.	
					TURBIDITY x > 200 NTU	
					COLOR MEDIUM BROWN.	



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-6A	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Temeco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northport
 DRILLING METHOD AND EQUIPMENT Strataprobe
 WATER LEVELS Borehole collapsed START 10/25/96 FINISH 1520 LOGGER R. COSTA
 1445

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0-2'	S-1	0.7	NA	C-F SAND AND C-F GRAVEL (SW-GW), dk yellowish brown 10yr 8/4, moist.	GRAVEL INCLUDES QUARTZITE + LIMESTONE - VERY SOFT, HANDY HAMMERSH.
2					S.A.A.	
3	2-4'	S-2	0.5	N/A		CASING INCLUDES RED BRASS IS. VERY SOFT, HANDY HAMMERSH.
4					S.A.A.	
5	4'-6'	S-3	0.7	N/A	SILTY F. SAND (SM), yellowish brown 10yr 5/6, dry to moist.	CONDUIT/FLEXIBLE CHAIN @ 4.5' BGS. VERY SOFT, HANDY HAMMERSH.
6						
7	6'-8'	S-4	2.0	N/A	SILTY F. SAND AND M-F SAND, well rounded gravel, dk yellowish brown 10yr 4/4, wet.	VERY SOFT, NO HAMMERSH.
8						
9	8'-10'	SS	1.4	N/A	C-F SAND, trace silt (SL) AND C-F GRAVEL AND SAND (GW) dk yellowish brown 10yr 4/4 to dark gray 10yr 4/1, SATURATED	VERY SOFT, LITTLE HAMMERSH.
10						
						BOTTOM OF BORING, N/A @ 10' BGS.
						1500 SAMPLE MA-6A-1 COLLECTED FROM 4-4.7' BGS FROM S-3 FOR ON SITE ANALYSIS (VOL)
						1525 SAMPLE MA-6A-2 COLLECTED FROM 6'-7' BGS. FOR LAB ANALYSIS (OFF SITE) FROM S-4 VOL ← also on site lab SIC TPH
						1530 SAMPLE MA-6A-3 COLLECTED FROM 10' BW FROM S-5 FOR 9.8 - ON SITE VOL ANALYSIS.
						1525 NO OTM TAKEN. BOREHOLE COLLAPSED AT 7.3' BGS



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-6B	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Tenneco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Strataprobe
 WATER LEVELS 8.35' BGS START 10/24/96 FINISH 10/25 LOGGER R. COSTA

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS	SOIL DESCRIPTION	COMMENTS
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
				6"-6'-6" (N)		
1	0-2'	S-1	1.7	N/A	C-1. SANDS AND GRAVEL (UG) (SW), very dk gray 10yr 2/1, moist. (FILL)	HAS DIESEL FUEL OIL INCLUDES COAL FRAGS ~ 2'
2					S.A.A.	HEAVY FUEL OIL LOS FUEL OIL
3	2-4'	S-2	1.4	N/A	f. SANDS trace silt, dk. yellowish brown 10yr 4/4, moist. (SP)	LOS FUEL OIL
4						
5	4-6'	S-3	1.9	N/A	f. SAND, trace c. sand, silt, fragments (SW) dk yellowish brown 10yr 4/3, moist. (FILL)	SOME FRAGS OF (SP) W. SAND 2"-3" CONTAINS COAL FRAGMENT HAS FUEL OIL ODOOR
6						HAS FUEL OIL ODOOR
7	6-8'	S-4	2.0	N/A	f. SAND (SP) AND SILTY f. SAND (SM) dk yellowish brown 10yr 4/6, moist	HAS FUEL OIL ODOOR
8						STRONGER SAND WET
9	8-10'	S-5	0.2	N/A	S.A.A. v. dark gray 10yr 3/1, SANDSTONE.	HEAVY HAS FUEL OIL ODOOR
10						BOTTOM OF BORING MA-6B @ 10' BGS.
				1566	COLLECT SAMPLE MA-6B-1 @ 4'-5' BGS FROM S-3 FOR ON SITE VOL ANALYSIS.	
				1606	COLLECT SAMPLE MA-6B-2 @ 7'-8' BGS FROM S-4 FOR ON SITE ANALYSIS AND OFF SITE VOC SVOC TPH	NO OIL READINGS. OIL NOT FUNCTIONING.
				1610	DTW IN OPEN HOLE = 8.35' BGS	



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-7A	SHEET 1	OF 1
SOIL BORING LOG			

PROJECT Tenneco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Stataprobe 10/24/96. Makita percussion drill
 WATER LEVELS N/A START 1700 FINISH 1715 LOGGER R. Casper

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0'-4" 2'	S-1	0.6	N/A	Approx ~0.4' c-4 sand, trace conf. gravel, very dk gray, loys 3/1, moist. (SW).	
2						
3	2'-4'	S-2	1.2	N/A	of sand, trace f. gravel + silt, (SW) very dk gray loys 3/1, moist.	
4						
5	4'-6'	S-3	0.8	N/A	silt, fine sand (SM), brown loys 4/3, moist. S.A.A.	
6						
<p>Bottom of Boring MA-7A @ 6' BGS.</p> <p>OVM NOT FUNCTIONING</p> <p>1720 COLLUM MA-7A-1 FROM 0'-1.0' BGS FOR OFF-SITE VOC, SVOC, TPH</p> <p>1730 COLLUM MA-7A-2 FROM 2.7 - 3.2 BGS FOR OFF-SITE VOC ANALYSIS</p> <p>1735 COLLUM MA-7A-3 FROM 4'-4.8' BGS. for off site analysis</p>						



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-7B	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Tenneco - Macedon LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Makita Power Drill / STATA PROBE
 WATER LEVELS N/A START 11/20/96 0805 FINISH 0855 LOGGER R. Costa

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6'-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0'-2'	S-1	0.9	N/A	m-f SAND, trace silt, c. sand, fine gravel, (SM-SP), very dk grayish brown, layer 3/2, moist.	OVM = 0.0 ppm.
2					S.A.A.	OVM = 0.0
3	2'-4'	S-2	0.2	N/A		RECOVERED IN TIP OF SAMPLER
4					c-f SAND, trace silt, fine gravel (SM), brown, moist to wet.	OVM = 0.0 ppm
5	4'-6'	S-3	0.8	N/A		includes weathered granitic gravels.
6					stony f. SAND, trace m-f sand, c-f gravel (SM), moist to wet, brown, slightly plastic.	OVM = 0.0 ppm.
7	6'-8'	S-4	1.4	N/A		
8						Btm of Boring MA-7B @ 8' BGS.
				0855	SAMPLE MATB-1 COLLECTED FROM FOR ONSITE VOC ANALYSIS.	4.3-4.8' BGS (S-3)
				0905	SAMPLE MATB-2 COLLECTED FROM FOR ONSITE ANALYSIS VOC SVOC TPH THIS SAMPLE COLLECTED DEEPER BECAUSE OF INSUFFICIENT VOLUME RECOVERED IN S-3 AND THE GRAVEL LAYER, STATA PROBE FOR 6'-8'.	6.4-7.1' BGS (S-4)
				0915	DTW @ 5.25' BGS. IN OPEN BUREAU.	



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-8A	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Tenneco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Strataprobe
 WATER LEVELS ~ 8.5 BGS START 10/24/96 FINISH 11/4 LOGGER R COSTA

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0.4'-2'	S-1	0.8	N/A	0.4' ASPHALT CLAY SAND - AND CUT GRAVEL (SW-GW), brown 10/28.4/3, dry to moist.	0.0 ppm = 0.0
2						
3	2'-4'	S-2	1.1	N/A	S.A.A. (SW-GW)	0.0 ppm = 0.0
4						
5	4'-6'	S-3	0.9	N/A	S.A.A. (SW), moist, thin gravel.	0.0 ppm = 0.0
6						
7	6'-8'	S-4	1.1	N/A	S.A.A. (SW), moist to wet. f. SAND (SP), dk yellowish brown 10/28.4/4, wet = moist.	0.0 ppm = 0.0 0.0 ppm = 0.0
8						
9	8'-10'	S-5	1.6	N/A	cut sand some gravel (SW-GW) gray-brown; wet to saturated.	2.5-6.5 ppm = 0.0 fuel oil odor.
10						
				1120	SAMPLER COLLECTED 4.0'-5.0' BGS FOR ONSITE VOC ANALYSIS	BTM of MA-8A @ 10' BGS - FROM S-3
				1140	SAMPLE COLLECTED FROM 6.5-7.1' BGS FOR OFF SITE LAB ANALYSIS. VOC SUDE METALS.	FROM S-4
				1175	SAMPLE COLLECTED FROM 8.0-9.0' BGS FOR ONSITE VOC ANALYSIS.	FROM S-5



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-88	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Tenneco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Strataprobe
 WATER LEVELS 7.0' BGS @ 1300 START 10/25/16 FINISH 12/45 LOGGER R. Cosra

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0.4'	S-1	1.0	N/A	ASPHALT 0.4' THICK	
2	2'				cof. SAND, trace gravel (SW), very clayey to block (layr. 2/1 to 2/1), dry to moist. (FILL)	OM = 0.0 ppm - CONTAINS HARD BLACK ASPH FRAGS.
3	2.4'	S-2	1.5	N/A	S.A.A, very dark grayish brown, layr 2/3, moist. (FILL)	OM = 0.0 ppm.
4					cof SAND (SP), dark yellowish brown	
5	4'-6'	S-3	1.6	N/A	layr 4/4, moist.	
6					cof SAND, non clay, silt, sand (SW-SM), dk brown layr 3/3, moist to wet.	
7	6'-8'	S-4	1.5	N/A	silty f. SAND, (SW) dark brown layr 3/3	700 mg OM - 10/25/16
8					cof SAND, trace gravel (SP-SW), dk silty layr 4/1, saturated.	145 Deser for OM
9	8'-10'	S-5	1.5	N/A		13.3 ppm OM
10						BTM OF BATTERY MA-88 @ 16' BGS.
				1226	COLLECT SAMPLE MA-88-1, 4'-5' BGS FOR ON SITE VOL ANALYSIS. FROM S-3.	
				1245	COLLECT SAMPLE MA-88-2 COLLECTED 6'-6.7' BAS - S-4 FOR OFF SITE LAB. VOL, SUC, METALS ANALYSIS.	
				1245	COLLECT SAMPLE MA-88-3 FOR ON SITE ANALYSIS. VOL FROM S-5, 9'-5'-10' BAS.	
				1300	DTW IN OPEN HOLE = 7.0' BGS.	



PROJECT NUMBER 132660.MA.02	BORING NUMBER MA-9	SHEET 1 OF
SOIL BORING LOG		

PROJECT Tenneco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT STRATA-PROBE
 WATER LEVELS N/A START 10/30/96 1015 FINISH 1020 LOGGER R. Costa

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0.4'-2'	S-1	1.5	N/A	ASPHALT ~ 0.4' THICK C-+ SAND, trace f. gravel and silt (SW) very grey to drab yellowish brown 10% 3/1 to 4/1 moist.	QWL = 0.0 gpm HARDENED FIL - CONTAINS BLUE PIGMENT
2					S.S.S.	QWL = 0.0 gpm
3	2'-4'	S-2	1.5	N/A	Silty f. SAND (SM), trace f. gravel very silty 10% 3/1, moist.	FIL - CONTAINS COAL + CLAY ASH
4						BTM OF BORING MA-9 @ 4' BGS.
					1025 COLLECT SAMPLE MA-9-1 FOR ONSITE VOC ANALYSIS AND OFFSITE TPH ANALYSIS INTERVAL 2'-0" - 2.5' BGS (S-1)	
					1030 COLLECT SAMPLE MA-9-2 FOR ONSITE TPH ANALYSIS. INTERVAL 3'-0" - 3.5' BGS (S-2)	



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-10	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT Tenneco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Strataprobe
 WATER LEVELS est. 4.0' BGS START 10/29/76 FINISH 10/29/76 LOGGER R. COSTA

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	18" - 24"	S-1	0.4	N/A	4300-4400 6" COLLECTE ~12"	USE MANUAL PERCUSSION DRILL TO PENETRATE THROUGH COLLECTE.
2					CL SAND, trace gravel (SWS), brown to grey; moist	QWL = 0.0 gpm
3	2-4	S-2	1.7	N/A	SILT, trace f. SAND (ML) yellowish brown, moist to wet.	SATURATED AT 2.7' BGS.
4					SILTY CL SAND (SM), dk yellowish brown	QWL = 0.0 gpm
5	4-6	S-3	1.1	N/A	100% W, SATURATED S.I.A. N.	QWL = 0.0 gpm.
6						BOTTOM OF BORING AT 6' BGS
					SAMPLE S-2, 2'-2.7' BGS. AS MA10-1. @ 1005 FOR ON SITE LAB VOL OFF SITE LAB VOL SOIL METALS.	
					NO SAMPLE MA10-2 WAS COLLECTED BECAUSE OF SATURATION AT 2.7' BGS.	



SUBJECT _____

BY _____ DATE _____
SHEET NO. _____ OF _____
PROJECT NO. _____

MA-11

MA-12

MA-13

NO BORING LOGS.

SEDIMENT AND
SURFACE H₂O
LOCATIONS

SEE FIELD LOG BOOK
10/31/96.



SUBJECT _____

BY _____ DATE _____

SHEET NO. _____ OF _____

PROJECT NO. _____

MA-14

NO BORING LOG

0-2' only

SEE FIELD LOG BOOK

10/29/92



SUBJECT _____

BY _____ DATE _____
SHEET NO. _____ OF _____
PROJECT NO. _____

16A } 0-2' ONLY
16B } NO BORING LOG.

SEE FIELD LOG BOOK

10/29/96.



PROJECT NUMBER 132600, MA.02	BORING NUMBER MA-17	SHEET 1 OF
SOIL BORING LOG		

PROJECT Tremco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT MAKITA Percussion Drill
 WATER LEVELS _____ START 10/30/96 FINISH 150 LOGGER R. Costa

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	1-2'	S-1	0.7	N/A	med sand, trace c. sand, c/f gravel, (SW-SF) very dark grayish brown loys 3/4, moist.	OMC 0.0 ppm numbers per maximum
2	2-4'	S-2	1.0	N/A	S.A.A. yellowish brown loys SM, moist to dry.	OMC 0.0 ppm. numbers blank/unknown.
3						
4						Bottom of casing at 4' BGS
					1510 COLLECT SAMPLE MA-17-1 FOR ON-SITE VOL ANALYSIS. FROM S-1 0.5-0.7 BGS.	
					1520 COLLECT SAMPLE MA-17-2 FOR ON-SITE VOL ANALYSIS FROM S-2 2.5-3.0' BGS.	



PROJECT NUMBER 132600 MA. 02	BORING NUMBER MA-18	SHEET 1	OF
SOIL BORING LOG			

PROJECT Tenneco - Macedan LOCATION Macedan, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT Strataprobe
 WATER LEVELS N/A START 10/30/96 FINISH 1430 LOGGER R. Costa A Judd
 1340

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0-2'	S-1	1.5'	N/A	fc sand, <u>sw</u> , dark yellow-brown, dry, some fc. gravel, trace silt,	ovms 0.0 ppm red, x-line Sandstone 0.6-1.0 BGS-
2					1.9-2.5 silty f. sand, <u>sm</u> , dk br - black,	ovms 0.0 ppm
3	2-4'	S-2	2.0	N/A	2.5-3.4 silty f. sand, <u>sm</u> , H. brown-tan, moist, less silt than above	
4					2.4-6.0 fine sand, <u>sw</u> , yellow br - tan, trace silt, moist,	ovms 0.0 ppm
5	4-6'	S-3	1.4	N/A		
6						Bottom of Boring MA-18 @ 6' BGS
					1425 MA-18-1 3.0-4.0' COLLECT SAMPLE FOR ONSITE VOC ANALYSIS	
					1435 MA-18-2 4.6-5.6' COLLECT SAMPLE FOR OFFSITE ANALYSIS -PUB TPH	

2-4
ma 18
4-6
scs site



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-19	SHEET ()	OF
SOIL BORING LOG			

PROJECT Tenneco Packaging LOCATION Macedon, NY
 ELEVATION _____ DRILLING CONTRACTOR TEG Northeast
 DRILLING METHOD AND EQUIPMENT STRATA PROBE
 WATER LEVELS 9.4' BGS @ 1155 START 10/30/96 1155 FINISH 1155 LOGGER R. Costa

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 6"-6"-6" (N)	SOIL DESCRIPTION SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	NUMBER AND TYPE	RECOVERY (FT)			
1	0.4'-2.0'	S-1	1.4'	N/A	C-SANDS, trace c-f gravel and silt, (SW) Brown to black loys 4/8 to 2/1, dry to moist. (fine)	OVMS = 0.0 ppm Fill 0-2' intervals with sand and gravel
2						
3	2'-4'	S-2	1.6'	N/A	S.A.A. silty f. SANDS (SM); dk yellowish brown, loys 4/4, moist. contains root frags.	OVMS = 0.0 ppm Fill 2.0-2.7' BGS heavy coal frags - block fill @ 2.7' BGS.
4						
5	4'-6'	S-3	1.1'	N/A	S.A.A. fm SANDS (SW); dk yellowish brown, loys 4/4, moist. trace f. gravel, c-sand.	OVMS = 0.0 ppm, Change at 4.5' BGS.
6						
7	6'-8'	S-4	1.8'	N/A	S.A.A., dark grayish brown loys 4/2.	OVMS = 0.0 ppm
8						
9	8'-10'	S-5	1.0'	N/A	f-m. SANDS, trace c-f gravel, c-sand, silty dk grayish brown loys 4/8, moist to WET.	OVMS = 0.0 ppm.
10						
				1135	COLLECT SAMPLE MA-19-1 FOR ON-SITE VOC ANALYSIS - 4'-5' BGS FROM S-3	
				1200	COLLECT SAMPLE MA-19-2 FOR ON-SITE VOC ANALYSIS AND OFF-SITE VOC, TPH, SVOC. FROM INTERVAL 8'-9' BGS FROM S-5.	
					OPEN BUREAU HOLE DTW = 9.4' BGS @ 1155	



PROJECT NUMBER 132600.MA.02	BORING NUMBER MA-20	SHEET 1 OF 1
SOIL BORING LOG		

PROJECT TENNECO PACKAGING LOCATION MALDEN, NY
 ELEVATION _____ DRILLING CONTRACTOR TRC NORTHEAST
 DRILLING METHOD AND EQUIPMENT STRATA DRUGS
 WATER LEVEL AND DATE _____ START 10/31/96 FINISH 11/05 LOGGER T. COSTA

DEPTH BELOW SURFACE (FT)	SAMPLE			STANDARD PENETRATION TEST RESULTS 0'-5'-5" (N)	SOIL DESCRIPTION SOIL NAME, COLOR, MOISTURE CONTENT, RELATIVE DENSITY OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY, USCS GROUP SYMBOL	SYMBOL LOG	COMMENTS DEPTH OF CASING, DRILLING RATE, DRILLING FLUID LOSS, TESTS AND INSTRUMENTATION
	INTERVAL	TYPE AND NUMBER	RECOVERY (FT)				
1	0-2	S-1	0.8	N/A	TOP SOIL FILL, INCLUDES PLASTIC BANDS (ABUNDANT)		DMC = 0.0 ppm PISA; NO DRILLING FLUID LOSS. FILL 0.1' @
2							
3	2-4'	S-2	0.6	N/A	SILT (ML), mucilagy, brown, 10gr 4/3, moist. - slightly plastic		DMC = 0.0 ppm
4							
5	4'-6'	S-3	2.0'	N/A	F. SANDY SILT (ML), dk yellowish brown 10gr 4/4, moist. - saturated AT 5.4' BGS.		DMC = 0.0 ppm silty & sandy (s) very dk grayish brown 10gr 4/3 from 4.6-5.0' BGS
6							
					1125 COLLECT SAMPLE MA-20-1 AT 4.0'-4.1' BGS. FOR ON SITE UGC ANALYSIS.		
					1125 COLLECT SAMPLE MA-20-2 AT 4.1'-5.0' INTERVAL FOR OFF SITE ANALYSIS - VOL, SUC, METALS.		S-3
					1130 DTW = 5.4' BGS. IN OPEN HOLE.		