NYC 9/11 Public Portal Document

MUNICIPAL TESTING LABORATORY, INC.

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A FULL SERVICE LABORATORY AND ENGINEERING CONSULTANT; STEEL, CONCRETE, SOILS, ASPHALT & ALL BUILDING MATERIALS

LABORATORY REPORT

CLIENT: LIRO **DATE-PLACED:** 05/07/02

PROJECT : W.T.C. Paving **DATE-CORED:** 05/09/02

CALCULATIONS BY: M.Mathew **TESTED:** 05/13/02

REPORT No. 9223A **SPEC:** NYCDDC

BULK SPECIFIC GRAVITY OF COMPACTED MIXTURE

MAT CORES ASTM D-2726

Thick-ness(in.)	CORE NO.	WEIGHT - GRAMS IN AIR D	IN WATER E	SAT-SUR. DRY E1	VOLUME CU.CM. (E1-E)=F	SPECIFIC GRAVITY Gmb D/F=G
2.00	C1	915.5	550.1	915.9	365.8	2.503
1.00	C2	464.5	274.8	467.6	192.8	2.409
1.50	C3	743.6	446.8	744.3	297.5	2.499
1.50	C4	703.4	420.8	705.2	284.4	2.473
2.00	C5	986.3	603	986.8	383.8	2.570
2.00	C6	925.2	550.4	926.3	375.9	2.461
					0	NA
					0	NA

PERCENT ASPHALT CONTENT - 6.4% (Taken from Core no C8)

CORE NO.	CORE BULK SPEC. GRAVITY ASTM D-2726 Gmb	SPECIFIC GRAVITY DESIGN MIX VALUE (PLANT SUPPLIED) Gmm	PERCENT COMPACTION (Gmb/Gmm) x100
C1	2.503	2.628	95.2
C2	2.409	2.628	91.7
C3	2.499	2.628	95.1
C4	2.473	2.628	94.1
C5	2.570	2.628	97.8
C6	2.461	2.628	93.6
0	NA	2.628	NA
0	NA	2.628	NA