



MOISTURE DENSITY RELATIONSHIP WORKSHEET

V2.3 U20141001

PROJECT Local Road Rehab 2023 Schedule A
CLIENT McElhanney

PROJECT # GP5855
DATE 12-Oct-23

DRY DENSITY	SAMPLE NUMBER					
	Wt. Sample Wet + Mold	9731.8	9991.2	10150.5	10199.1	10129.8
	Wt. Large Mold	5701.6	5701.6	5701.6	5701.6	5701.6
	Wt. Sample Wet	4030.2	4289.6	4448.9	4497.5	4428.2
	Volume Mold, cm ³	2102.8	2102.8	2102.8	2102.8	2102.8
	Wet Density, kg/m ³	1917	2040	2116	2139	2106
	Dry Density, kg/m ³	1808	1887	1933	1938	1888
	Corr. Density, kg/m ³					

DATE SAMPLED 11-Oct-23

CONTRACTOR WGS

SOURCE Site

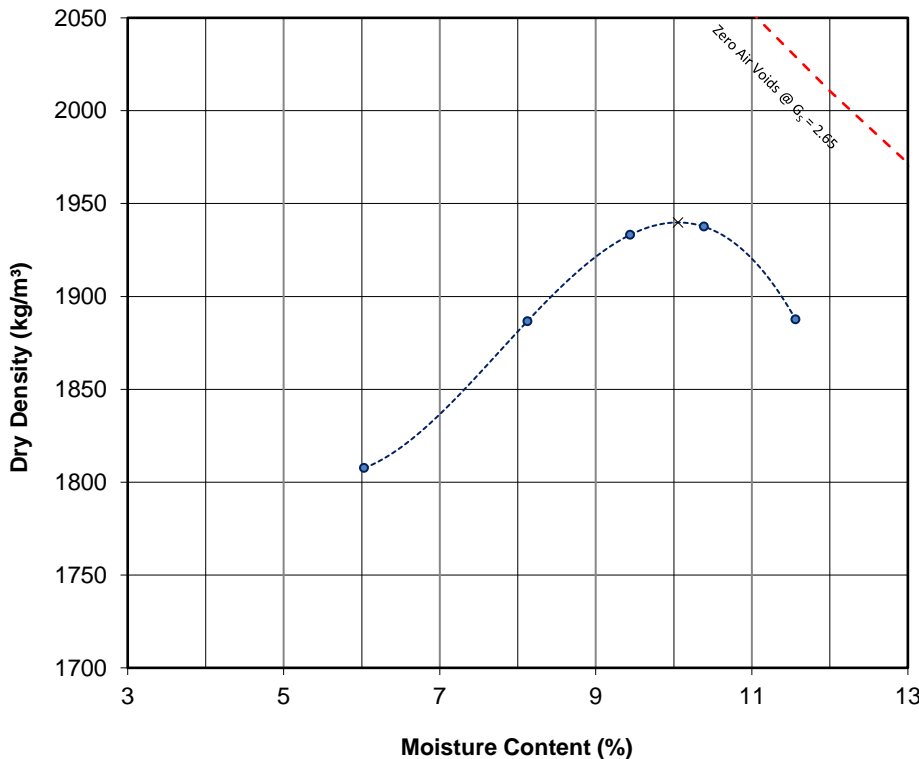
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PROCTOR # GPP23-193

MOISTURE	CONTAINER NUMBER					
	Wt. Sample Wet + Tare	753.1	751.0	752.9	753.1	752.7
	Wt. Sample Dry + Tare	711.0	695.5	689.0	683.4	676.0
	Wt. Water	42.1	55.5	63.9	69.7	76.7
	Tare Container	12.9	12.3	12.2	12.4	12.5
	Wt. Dry Soil	698.1	683.2	676.8	671.0	663.5
	Moisture Content	6.0	8.1	9.4	10.4	11.6
	Corr. Moisture Content					

PREPARATION: Moist
RAMMER TYPE: Manual

COMPACTION STANDARD: ASTM D698



SOIL TYPE: Crushed Concrete / ACP

COMMENTS: _____

ROCK CORRECTION

% Oversize Retained

4.75 mm Sieve _____
19.0 mm Sieve _____

Oversize (%)	OMC (%)	Max Dry Density (kg/m ³)
5		
10		
15		
20		
25		
30		

MAXIMUM DRY DENSITY (Uncorrected) 1940 kg/m³

OPTIMUM MOISTURE CONTENT (Uncorrected) 10.1 %

TECHNICIAN CS

CHECKED ITH

Results are valid for <40 percent retained on 4.75 mm sieve, and <30 percent retained on 19 mm sieve as per ASTM D4718.