

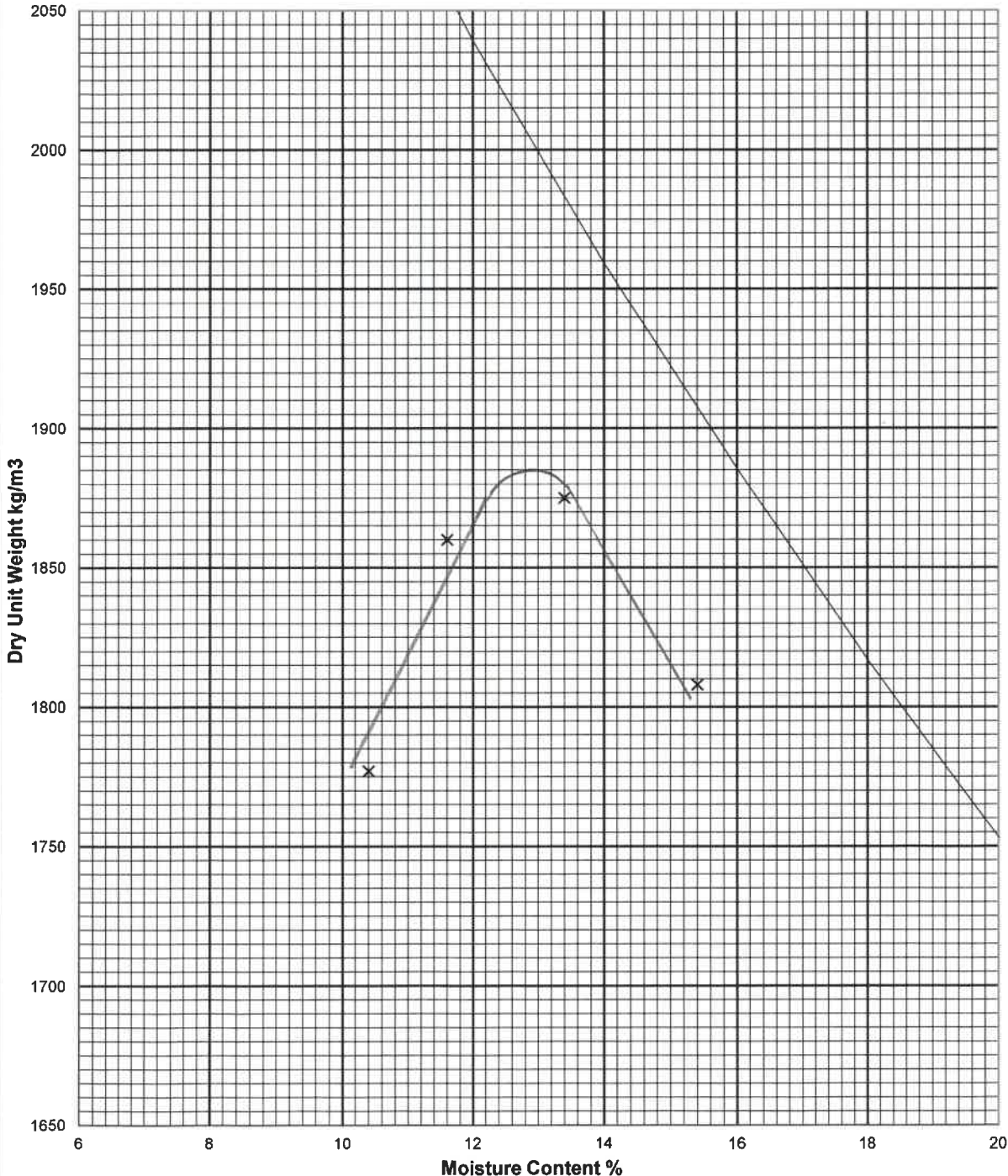
J.R. Paine & Associates Ltd.

CONSULTING AND TESTING ENGINEERS
EDMONTON - GRANDE PRAIRIE - PEACE RIVER

MOISTURE - DENSITY RELATIONSHIP

Sample: SP 113 Depth: _____ Client: TerraPro Inc.
 Location: CP / ATCO Project: General Testing 2023
 Made By: _____ File: Edmonton General
 Ck'd By: _____ Date: May 4, 2023

TRIAL NUMBER	1	2	3	4	5
Dry Unit Weight (kg/m ³)	1777	1860	1875	1808	
Moisture Content (%)	10.4	11.6	13.4	15.4	



MAXIMUM UNIT
WEIGHT kg/m³
= 1885

OPTIMUM
MOISTURE
CONTENT
= 12.9 %

METHOD OF
COMPACTION
STANDARD
MODIFIED

SAMPLE
DESCRIPTION
20mm Road
Crush

Recycled
Aggregate

REMARKS
Sample Delivered
by Client

APPROVED BY:



J.R. Paine & Associates Ltd.

CONSULTING AND TESTING ENGINEERS
EDMONTON - GRANDE PRAIRIE - PEACE RIVER

SCREEN ANALYSIS

Sample: SA 82 Depth: _____
Location: _____

Client: TerraPro Inc.
Project: General Testing 2023 - Proctor CP / ATCO
Made By: D.H. File: Edmonton General
Ck'd By: [Signature] Date: May 4, 2023

Sieve No.	Size of Opening millimetres	Specifications		Percent Finer Than	Percent Finer Than Basis Original Sample
		Minimum	Maximum		
80,000	80.0				
63,000	63.0				
25,000	25.0				100.0
20,000	20.0	100	100		99.2
16,000	16.0	84	95		95.0
12,500	12.5	60	90		86.4
10,000	10.0	50	84		77.2
5,000	5.0	37	62		54.9
2,500	2.5				41.8
2,000	2.0	26	50		39.0
1,250	1.250	19	43		34.0
630	0.630	14	34		28.0
400	0.400	11	28		22.6
315	0.315	10	25		19.9
160	0.160	6	18		13.0
80	0.080	2	10		9.6

Description of Sample: _____
City of Edmonton 3-20 Granular Base
Recycled Aggregate

Method of Preparation: Dry Washed
Moisture Content: 6.0 % 2 Face Crush Count = 94.3 %
Remarks: _____

Time of Sieving: 15 minutes

Sample Delivered by Client

