



Englobe

CONCRETE TEST REPORT

97 TROOP AVE., DARTMOUTH, N.S. B3B 2A7 - TEL (902) 468-6486 FAX 468-4919

Client:

Nova Scotia Transportation and Infrastructure Renewal
PO Box 409
Bridgewater, NS
B4V 2X6

Our Project No.:

02000061.010.0001.0001

Client Contract No.:

Client PO.:

Contractor:

Duron

CC:

Fax

Attn: Errol Webber

Fax

Project: NSTIR - Northfield Road (2020-032) - Concrete testing

Email

Set No: 2	No. Of Specimens: 7	Date Cast: 19 May 2020						
Specimen	Date Tested	Age At Test (Days)	Average Diameter(mm)	Cyl Density kg/m ³	Maximum Load (kN)	Compressive Strength (MPa)	Failure Type	
A	22 May 2020	3	102	2242	206	25.2	A	<input checked="" type="checkbox"/>
B	25 May 2020	6	102	2248	237	29.0	A	<input checked="" type="checkbox"/>
C	26 May 2020	7	102	2254	245	30.0	A	<input checked="" type="checkbox"/>
D	16 Jun 2020	28	102	2250	304	37.2	A	<input checked="" type="checkbox"/>
E	16 Jun 2020	28	102	2250	300	36.7	A	<input checked="" type="checkbox"/>
F,G	14 Jul 2020	56	102					<input type="checkbox"/>

Specified Properties	Test Information	Sample pickup at Site :
Strength @28 days(MPa): 35	Conc Temp ^o C 19.5 Slump (mm) 75	Date :
Slump (mm): 80 +/- 20	Air Temp ^o C : 12.0 Air(%): 8.0/7.0	Time :
Air (%): 6 +/- 1	Cast Time: 13:38 Cast By: MTL	Rec'd Sample at Lab :
Max Agg Size (mm): 20	Initial curing Temp (CSA: 15 - 25 ^o C)	Date :
	Minimum: Maximum:	Time :
Supplier Information	Initial Curing Conditions :	
Supplier: South Shore Ready Mix	Inside curing box	
Batch Time: 12:31	Test samples cast in reusable hard plastic moulds.	
Truck No.: 34	Section: joints for south bound lanes	
Ticket No.: 30826	Location: Truck used powdered air down to gert air content down	
Strength Delivered: 35 (MPa)	Comments: TM1	
Mix No:		
Load Vol: 3.04 m ³		
Cum Vol: 3.04 m ³		
Additives:		
Heat <input type="checkbox"/> Superplasticizer <input type="checkbox"/>		
Silica fume <input type="checkbox"/> Flyash <input checked="" type="checkbox"/>		
Set Retarder <input type="checkbox"/> Air Entrainment <input checked="" type="checkbox"/>		
Water Reducer <input type="checkbox"/> Accelerators <input type="checkbox"/>		
H2O Added <input type="checkbox"/> Authorized B		

Standby:

0

Record No 51546

Englobe Tech: Travis MacKenzie

PER



CSA CERTIFIED
LABORATORY FOR TESTING

For testing conducted by this company, procedures are carried out in accordance with CSA-A23.2. Reporting of these test results constitutes a testing service only. Engineering interpretation or evaluation of test results is provided only on request.

N/A - Not Applicable or Not Available

Project manager : Peter Salah



FIELD DENSITY REPORT

97 TROOP AVE., DARTMOUTH, N.S. B3B 2A7 - TEL (902) 468-6486 FAX 468-4919

Client:

Atlantic Road Construction and Paving Limited
PO Box 89
Eastern Passage, NS
B3M 1M7

Our Project No.: 02001694.000.0001.0002**Client P.O.:****Client Contract No.:****Client Code No:****CC:****ATTENTION:** Greg MacDonald**PHONE:** (902) 404-8547**FAX:****Project:** ARCP - 2020 General Materials Testing - HRWC Gravel Inspect.**Date Tested:** 12-Jun-20**Englobe Tech:** LT**Contractor:****Street:** Street Cut/ Gravel Compaction

Test No	Location	Elevation (meters)	Dry Density Kg/m3	% Moisture	% Proctor
1	280 Prince Arthur Ave		2098	3.4	100+
2	Shipyard Rd.		2052	2.8	98.5
3	Basin View		2139	4.3	100+
4	92 Bayview Rd.		2140	3.9	100+

Control Information

Proctor Type: Standard**Maximum Dry Density:**

2084 Kg/m3

Optimum Moisture:

0.0 %

Soil Type: Gateway Type I**Spec Requirement:**

100 % Compaction

Comments:**Record No:** 21133**Density Standby:**

0

Checked By:

Reporting of these test results constitutes a testing service only. Engineering interpretation or evaluation of test results is provided only on request.

project manager Peter Salah