

TEST REPORT – MILLED SLAG**CLIENT:** BORAL CEMENT – MALDON CEMENT**FILE NO:** 50/22**ADDRESS:** Maldon Bridge Road, Maldon, NSW 2571**REQUEST NO:** 97922**LAB SAMPLE NO:** 262904**SOURCE OF SAMPLE:** Maldon**DATE RECEIVED:** 03/02/2022**SAMPLE IDENTIFICATION:** Enviroment ID # MDDNM2200287 - w/e 05/02/2022 - Date sampled: 31/01/2022**IDENTIFICATION OF CEMENT USED:** Boral Cement SL Berrima Ref. 2019**TEST METHOD: AS 3583:** Methods of test for supplementary cementitious materials for use with Portland Cement

PROPERTY	TEST METHOD	RESULT	DATE TESTED
Fineness by the 45µm sieve	AS 3583.1	99%	10/03/2022
Relative density	AS 3583.5	2.91	09/02/2022
Relative water requirement	AS 3583.6	100%	10/02/2022
Relative strength 7 days (accelerated)	AS 3583.6	106%	17/02/2022
Relative strength 28 days (standard)	AS 3583.6	106%	10/03/2022

Parisa Sowti, Violeta Paicu, Brad Vanderburg, Mat File, File

**Note:**

- Sample was provided by the client and tested as received.

Approved Signatory Julius C. Alvaro Julius Alvaro  
Date 14/03/2022 Serial No. CEM97922.JA.1





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**TEST REPORT**

CLIENT: BORAL CEMENT – Maldon Cement  
Maldon Bridge Road, Maldon, NSW 2571.

FILE No.:50/22

PROJECT: Testing of Maldon Environment Weekly Sample.

REQUEST No.: 97922

**TEST PROCEDURE:**

AS 3583.12 – 1991 – Determination of Available Alkali

Laboratory Sample No.: 262904  
Date Sampled: 31/01/22  
Date Received: 03/02/22  
Date Tested: 07/03/22  
Sample Description: Environment ID #  
MDDNM2200287  
Field No.: 1

**TEST RESULTS:**

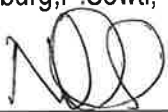
Sodium as Na<sub>2</sub>O (%) 0.05  
Potassium as K<sub>2</sub>O (%) 0.06  
Available Alkali (%) 0.1

Available Alkali (%) = Na<sub>2</sub>O (%) + (0.658 x K<sub>2</sub>O %)

**Note:**

- Sample was provided by the Client and tested as received.

V.Paicu, B.Vanderburg,P.Sowti, Mat.File, File.

Approved Signatory  Nanthini Selvadurai  
Date 09-03-22 Serial No. CHEM97922.NS.1



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Test results in this Test Report relate only to the samples tested

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Number: 9968