



## TEST REPORT

### NEUTRALISING VALUE OF LIMING MATERIALS

\*BS EN 12945:2014 Method A, AS 1289.3.6.1: Wash Sieved

|                              |  |                     |              |
|------------------------------|--|---------------------|--------------|
| <b>Client</b>                | Walco                                  | <b>Ticket No.</b>   | M667         |
| <b>Client Address</b>        | 731 Homestead Road, Many Peaks WA 6358 | <b>Report No.</b>   | LLM22/8_1_NV |
| <b>Project</b>               | Material Assessment                    | <b>Sample No</b>    | LLM22/008    |
| <b>Sampling Location</b>     | Manypeaks Pit                          | <b>Date of Test</b> | 19/01/2022   |
| <b>Sample Identification</b> | Sample 1                               | <b>Sampled By</b>   | Client       |
| <b>Sampling Method</b>       | Sampled by Client                      | <b>Date Sampled</b> | 14/01/2022   |

#### PARTICLE SIZE DISTRIBUTION

AS 1289.3.6.1

| Sieve Range (mm) | % Retained | Efficiency Factors |
|------------------|------------|--------------------|
| 0.000 - 0.125    | 57.7       | 1.00               |
| 0.125 - 0.250    | 12.2       | 0.58               |
| 0.250 - 0.500    | 12.2       | 0.42               |
| 0.500 - 1.000    | 7.6        | 0.34               |
| 1.000 - 2.000    | 4.4        | 0.22               |
| >2.000           | 5.9        | -                  |
| -                | -          | -                  |

#### NEUTRALISING VALUE

\*BS EN 12945:2014 - Method A

| Size Fraction (mm) | Neutralising Value (NV) | Effective Neutralising Value (ENV) |
|--------------------|-------------------------|------------------------------------|
| 0.000 - 0.125      | .2                      | .7                                 |
| 0.125 - 0.250      | .9                      | .                                  |
| 0.250 - 0.500      | 81.2                    | 4.2                                |
| 0.500 - 1.000      | 79.6                    | 2.1                                |
| 1.000 - 2.000      | 77.9                    |                                    |
| >2.000             | -                       | -                                  |
| -                  | -                       | -                                  |

#### Weighted Average Neutralising Value

**70.9**

#### Bulk Neutralising Value

**71.4**

#### Total Effective Neutralising Value

**54.9**

#### Calcium (%)

**24.6**

Comments: \* BS EN 12945 method not covered under scope of accreditation



WORLD RECOGNISED ACCREDITATION

Accredited for compliance with ISO/IEC 17025 - Testing

Accreditation No. 19872

Approved Signatory

Name

Justyce Carroll

Function

Senior Technician

Date

25/01/2022