

LIME / DOLOMITE

ANALYSIS REPORT

AGENT: Bruhn Quarry Operations Pty Ltd CONTROL NO: 2026-255
 CLIENT'S NAME: Client LAB NO: 112066333
 SAMPLE NAME: Bruhn Limestone Sample No: L3
 REPORT DATE: 22.04.26

ANALYSIS (ON AN AIR DRY BASIS)

MOISTURE		Level Found	Ideal%
SOLIDS			
CALCIUM	Ca %	38.7	36 - 39
EXPRESSED AS CALCIUM OXIDE	CaO %	54.2	
EXPRESSED AS CALCIUM CARBONATE	CaCO ₃ %	96.8	90 - 98
MAGNESIUM	Mg %	0.31	
EXPRESSED AS MAGNESIUM OXIDE	MgO %	0.52	
EXPRESSED AS MAGNESIUM CARBONATE	MgCO ₃ %	1.08	
EXPRESSED AS CaCO ₃ EQUIVALENT	%	1.29	
TNV - TOTAL NEUTRALISING VALUE			
In Terms of CaCO ₃	%	98	90 - 100
FINENESS TEST:			
SIEVE NO.	%		
>850 micron	18.0		
300-850 micron	30.9		
<300 micron	51.1		
ENV - EFFECTIVE NEUTRALISING VALUE	%	70	65 - 80
SULFUR	SO ₄ -S%	<0.05	

KGS TOTAL CA PER TONNE 387.5
 KGS TOTAL MG PER TONNE 3.13
 KGS TOTAL S PER TONNE 0

Comments:

* This is a high calcium lime indicated by the high calcium carbonate percentage.

* It is also a relatively fine product as indicated by the good ENV. Ideally > 60% will pass through a 300 micron sieve.

* In conclusion, this sample is considered good quality and suitable for use as a soil amendment for the reasons stated above.