

X-RAY FLUORESCENCE ANALYTICAL REPORT

CLIENT : **NGAWAIMAI LIMITED**
ADDRESS : 1545 WAIKITE VALLEY ROAD, RD 1, ROTORUA 3077
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PHONE : 027 244 4990
ATTENTION : ROGER PRYCE **JOB REFERENCE** : SA25120

CLIENT REFERENCE : ROGER PRYCE
SAMPLE TYPE[S] : 1 X DIATOMACEOUS EARTH
DATE OF SAMPLE RECEIPT : 18/03/2025 **CONDITION** : SOLID
ANALYSIS CARRIED OUT : XRF MULTI-ELEMENT
REPORTING BASIS : OVEN-DRIED [110°C]

The analytical results presented in this report apply to the sample(s) received by SpectraChem Analytical.

Analysis	Method used	Unit
Multi-element*	Pressed briquette / X-ray fluorescence spectrometry	%

COMMENTS :

*Multi-element analysis should be considered semi-quantitative.



SpectraChem Analytical is part of Verum Group Ltd and is an IANZ accredited laboratory.
 All tests reported herein have been performed in accordance with the laboratory's scope of accreditation.
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Date : 19/03/2025 **Signed** :  Khurram Malik XRF Analyst
 Gareth Salt XRF Analyst

Verum Group Ltd, SpectraChem Analytical : 97 Nazareth Ave : Christchurch, 8024
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X-RAY Fluorescence SPECTRA^{plus} Multi-element Analysis

SAMPLE NO. : 25120-01
CLIENT REF. : Diatomaceous earth from mine
COMMENTS : 100% - Total = sum of unmeasured elements [e.g.H, B, C, N, O]
MATRIX : SiO₂ Applied

Carbon	C	–	Zinc	Zn	0.005	Iodine	I	nd
Fluorine	F	nd	Gallium	Ga	nd	Caesium	Cs	nd
Sodium	Na	0.738	Germanium	Ge	nd	Barium	Ba	0.049
Magnesium	Mg	0.050	Arsenic	As	0.002	Lanthanum	La	nd
Aluminium	Al	4.59	Selenium	Se	nd	Cerium	Ce	–
Silicon	Si	40.4	Bromine	Br	nd	Hafnium	Hf	–
Phosphorus	P	0.013	Rubidium	Rb	0.007	Tantalum	Ta	nd
Sulphur	S	0.071	Strontium	Sr	0.005	Tungsten	W	0.012
Chlorine	Cl	0.059	Yttrium	Y	nd	Rhenium	Re	–
Potassium	K	1.45	Zirconium	Zr	0.010	Osmium	Os	–
Calcium	Ca	0.398	Niobium	Nb	nd	Iridium	Ir	–
Scandium	Sc	nd	Molybdenum	Mo	nd	Platinum	Pt	–
Titanium	Ti	0.115	Rhodium	Rh	–	Gold	Au	–
Vanadium	V	0.004	Palladium	Pd	–	Mercury	Hg	nd
Chromium	Cr	nd	Silver	Ag	–	Thallium	Tl	nd
Manganese	Mn	0.015	Cadmium	Cd	nd	Lead	Pb	nd
Iron	Fe	0.704	Indium	In	–	Bismuth	Bi	nd
Cobalt	Co	0.002	Tin	Sn	nd	Thorium	Th	nd
Nickel	Ni	nd	Antimony	Sb	nd	Uranium	U	nd
Copper	Cu	0.003	Tellurium	Te	–	Total		48.7

Values are weight %

nd = not detected

– = not measured

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