



Date of Issue: 02/04/ 2026

XRF Analysis Report

Client Name	Hamza Enterprises.
Contact Person	Mohsin Khan
Contact / email	

Test Summary:

Sample Details	2026-00402, 2026- 00403
Analysis Details	Chemical Composition by Bruker S1 Titan XRF

Results

Chemical composition of the provided sample was determined using XRF and are attached. Based on the elemental composition of sample 00402 as measured by XRF the estimated contents of CaF₂ are around 68% however further confirmatory tests by wet analysis, spectroscopies or XRD are suggested

Analysis Report: Attached as Annexure

Reported by:

Engr. Muhammad Shafqat

Approved By:

Dr. Muhammad Aftab Akram


Dr. Muhammad Aftab Akram
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Report / Certificate is issued to conditions mentioned overleaf.



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Hamza Enterprises

File info:

File name: 00402-GeoExploration.pdz	Time stamp: 30/03/2026 2:26:03 pm
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Result table:

Element/Compound	%	$\pm 2\sigma$
Al ₂ O ₃	0.829	0.157
SiO ₂	2.745	0.116
P	0.095	0.034
S	0.391	0.018
Cl	0.055	0.017
K ₂ O	0.058	0.006
Ca	34.971	0.078
V	0.095	0.023
Fe	0.042	0.007
Ni	0.003	0.001
Cu	0.002	0.001
Zn	0.017	0.002
As	0.002	0.001
Sr	0.028	0.001
Zr	0.001	0.001
Mo	0.002	0.001
Sn	0.019	0.004
Ba	1.618	0.019
Pb	0.049	0.004

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File info:

File name: 00403-GeoExploration.pdz	Time stamp: 30/03/2026 2:26:05 pm
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Result table:

Element/Compound	%	$\pm 2\sigma$
SiO ₂	90.695	0.705
P	0.121	0.012
Ca	0.255	0.007
Cr	0.006	0.003
Mn	0.004	0.002
Cu	0.002	0.000
Zn	0.001	0.000
Rb	0.000	0.000
Sr	0.000	0.000
La	0.006	0.004