

Customer Name	Critical Mineral Trackers an NPEA , Ministry of Mines, GOI, Concourse No.406, 7-1-58/CC/406, Opp Lal Bungalow, Greenlands, Hyderabad- 500016
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Discipline & Group Chemical & Ores and Minerals.

Customer Ref. Samples Received by courier

Commodity Geological Rock Powder

Lab ID G3256

Sample Receipt Date 27-Nov-26

Analysis Completion Date 05-Dec-26

Date of Reporting 05-Dec-26

Sample Count 14

S.No	Customer Code	Sample Description	Method	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM/1 05	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM/ 105	SOP/OM/ 103
			LOQ	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.10
			Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
			Lab ID	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	SO3	TiO2	V2O5	LOI
1	D/LKD-BH-01/61	Powder	G3256-11	31.35	<0.05	2.60	0.07	3.26	0.33	0.26	<0.05	0.48	0.10	36.23	2.27	3.49	<0.05	19.38
2	D/LKD-BH-02/62	Powder	G3256-12	23.66	0.15	0.92	<0.05	21.91	<0.05	0.52	<0.05	0.21	0.83	30.55	0.11	6.12	<0.05	14.76
3	D/LKD-BH-03/63	Powder	G3256-13	23.97	<0.05	1.32	<0.05	1.29	0.13	0.16	<0.05	<0.08	0.17	57.73	0.06	3.89	<0.05	10.87
4	D/LKD-BH-04/64	Powder	G3256-14	6.84	<0.05	4.05	<0.05	7.31	0.29	0.25	<0.05	<0.08	0.06	72.24	0.06	1.18	<0.05	7.44

Abbreviations:

LOQ-- Limit of Quantification

SOP/OM/105: Borate Fusion Bead followed by WDXRF Finish

SOP/OM/103: Loss On Ignition @1000°C

Mr. SATYANARAYANA - Head - ORES & MINERALS - AUTHORIZED SIGNATORY.

**** END OF THE REPORT ****

1. The results listed above pertain only to the tested samples and applicable parameters. 2. Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4. This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission. 5. In case any reconfirmation of contents of this test certificate is required, please contact our office. 6. Sampling is not done by us unless otherwise specified. 7. Any discrepancy in the Test Certificate should be notified within 30 days.

Prepared by: Naveen
Verified by: Satyanarayana

Customer Name	Critical Mineral Trackers an NPEA , Ministry of Mines, GOI, Concourse No.406, 7-1-58/CC/406, Opp Lal Bungalow, Greenlands, Hyderabad-500016
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Discipline & Group	Chemical & Ores and Minerals.
Customer Ref.	Samples Received by Courier.
Commodity	Geological Rock Powder
Lab ID	G3256
Sample Receipt Date	27-Nov-25
Analysis Completion Date	05-Dec-25
Date of Reporting	05-Dec-25
Sample Count	4

SL No.	Customer Code	Sample Description	Method	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	SOP/OM/052	
			Units	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)	ppm(mg/kg)
			LOQ	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
			Lab ID	Ga	Sc	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Th	U	
3	D/LKD-BH-01/61	Powder	G3256-11	33.97	25.36	14.04	65.09	144.46	17.53	71.68	13.81	2.82	9.67	1.06	4.89	0.68	1.91	<0.5	1.38	<0.5	11.36	2.10	
4	D/LKD-BH-04/64	Powder	G3256-14	11.24	8.88	15.18	62.57	119.97	13.34	49.22	8.24	0.73	7.26	0.63	3.46	0.54	1.62	<0.5	1.52	<0.5	21.06	1.74	

Abbreviations

LOQ-Limit of Quantification

SOP/OM/051-- 4 Acid digestion followed by ICPOES Finish



Mr. SATYANARAYANA - Head - ORES & MINERALS - AUTHORIZED SIGNATORY.

**** END OF THE REPORT ****

1. The results listed above pertain only to the tested samples and applicable parameters.2. Samples which are degradable will be disposed immediately after testing and others will be disposed after one month from the date of issue of test certificate unless otherwise specified. 3. Total liability of our laboratory is limited to the invoiced amount. 4.This report is not to be reproduced either wholly or in part and cannot be used as an evidence in the Court of Law and should not be used in any advertising media without prior written permission.5. In case any reconfirmation of contents of this test certificate is required,please contact our office.6. Sampling is not done by us unless otherwise specified.7. Any discrepancy in the Test Certificate should be notified within 30 days.

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