

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
Discipline & Group	Chemical & Ores and Minerals.
Customer Ref.	Samples Received by courier
Commodity	Geological Rock Powders
Lab ID	G2296
Sample Receipt Date	25-Aug-25
Analysis Completion Date	10-Sep-25
Date of Reporting	11-Sep-25
Sample Count	28

S.No	Customer Code	Sample Description	Method	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM /105	SOP/OM/ 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 /105	SOP/OM /103
			LOQ	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.08	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	SrO	TiO2	V2O5	LOI
1.	P25/LB/2025	Powder	G2296-10	26.92	<0.05	2.12	0.08	0.57	<0.05	0.30	<0.05	0.26	0.13	55.10	0.23	<0.05	3.92	<0.05	10.13
2.	P25/LB/2025	Powder	G2296-10	26.96	<0.05	2.13	0.08	0.57	<0.05	0.30	<0.05	0.24	0.13	55.18	0.23	<0.05	3.94	<0.05	10.10
3.	P26/LB/2025	Powder	G2296-11	10.96	<0.05	4.39	<0.05	6.76	0.76	3.23	0.08	0.78	<0.05	58.38	0.35	<0.05	1.26	<0.05	12.82
4.	P27/LB/2025	Powder	G2296-12	20.15	0.23	0.90	0.11	30.04	<0.05	0.69	<0.05	0.28	0.88	23.14	0.18	0.12	9.11	<0.05	14.00
5.	T11/LB/2025/10	Powder	G2296-13	20.69	<0.05	3.91	<0.05	2.07	0.20	0.29	<0.05	<0.08	0.09	57.17	0.07	<0.05	3.58	<0.05	11.46
6.	T12/LB/2025/C	Powder	G2296-14	15.20	<0.05	10.77	<0.05	3.01	0.26	0.27	<0.05	<0.08	0.06	53.57	<0.05	<0.05	2.12	<0.05	14.42
7.	T13/LB/2025/03	Powder	G2296-15	44.29	<0.05	0.39	0.08	2.31	0.21	0.21	<0.05	0.13	0.11	25.33	0.94	<0.05	3.98	<0.05	21.87
8.	T14/LB/2025/05	Powder	G2296-16	19.59	0.12	4.37	0.16	22.37	<0.05	0.34	<0.05	<0.08	0.87	29.96	0.06	0.09	7.63	<0.05	14.19
9.	T15/LB/2025/08	Powder	G2296-17	18.87	0.09	2.21	0.17	28.40	<0.05	0.45	<0.05	0.09	0.91	26.96	0.09	0.08	7.54	<0.05	13.92
10.	T16/LB/2025/03	Powder	G2296-18	7.97	<0.05	0.52	0.17	10.88	0.66	0.93	0.20	0.67	0.09	68.75	0.17	<0.05	1.64	<0.05	7.21
11.	T41/LB/2025/6	Powder	G2296-28	20.42	0.12	2.05	0.09	27.94	<0.05	0.34	<0.05	0.09	0.91	26.75	0.06	0.10	7.85	0.05	13.08

Abbreviations:

LOQ— Limit of Quantification

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

SOP/OM/103: Loss On Ignition followed by Gravimetry 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.

TEST REPORT

Shiva Assay(REE)_G2296



SHIVA ANALYTICALS (INDIA) PRIVATE LIMITED

Plot No. 24D [P] & 34 D, KIADB Industrial Area, Hoskote
Bangalore – 562 114. Phone No: 080 – 2801 5333,
Website: www.shivaanalytics.com

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 Powders
Lab ID	G2296
Sample Receipt Date	25-Aug-25
Analysis Completion Date	10-Sep-25
Date of Reporting	11-Sep-25
Sample Count	5

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	
1	P27/LB/2025	Powder	G2296-12	28.5	60.5	49.0	195	512	47.0	203	42.7	13.3	48.5	4.56	19.8	2.44	5.73	0.57	3.14	<0.5	18.6	5.54	
2	T41/LB/2025/6	Powder	G2296-28	28.6	58.8	42.8	299	498	44.5	185	39.4	13.0	48.9	4.80	21.6	2.65	5.91	0.59	3.75	<0.5	17.6	4.99	

Abbreviations

LOQ-Limit of Quantification

SOP/OM/052– 4 Acid digestion followed by ICPMS 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.

Prepared by: Naveen
Verified by: Satyanarayana