

Plot No. 24D [P] & 34 D, KIADB Industrial Area, Hoskote,  
Bangalore – 562 114. Phone No: 080 -2801 -5333,  
Website: www.shivaanalyticals.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
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	SOP/OM	SOP/OM	SOP/OM	SOP/OM/1	SOP/OM	SOP/OM	SOP/OM	SOP/OM	SOP/OM	SOP/OM	SOP/OM	SOP/OM	SOP/OM	SOP/OM	SOP/OM
			LOQ	/105	/105	/105	/105	05	/105	/105	/105	/105	/105	/105	/105	/105	/105	/105	103
			Units	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
			Lab ID	Al2O3	BaO	CaO	Cr2O3	Fe2O3	K2O	MgO	MnO	Na2O	P2O5	SiO2	SO3	SrO	TiO2	V2O5	LOI
1	P30/RB/2025	Powder	G2296-1	23.19	<0.05	6.13	<0.05	10.77	0.24	0.30	<0.05	<0.08	0.20	38.07	0.07	<0.05	4.94	<0.05	15.82
2	P31/RB/2025	Powder	G2296-2	25.78	<0.05	1.47	<0.05	20.39	<0.05	0.35	<0.05	<0.08	0.62	31.38	0.09	0.24	5.17	0.07	14.23
3	T20/RB/2025/09	Powder	G2296-3	13.09	<0.05	0.96	<0.05	10.31	1.08	1.09	0.13	1.07	0.09	60.41	0.58	<0.05	1.66	<0.05	9.35
4	T21/RB/2025/07	Powder	G2296-4	27.79	<0.05	2.65	<0.05	12.29	0.12	0.26	<0.05	<0.08	0.38	35.18	0.22	0.09	6.19	0.09	14.53
5	T22/RB/2025/A	Powder	G2296-5	33.97	<0.05	3.02	<0.05	3.77	0.68	0.58	<0.05	0.22	0.31	29.36	1.78	0.14	5.65	<0.05	20.31
6	T23/RB/2025/01	Powder	G2296-6	31.59	<0.05	2.94	<0.05	5.70	0.40	0.49	<0.05	0.37	0.15	33.71	1.04	0.06	5.96	<0.05	17.37
7	T24/RB/2025/C	Powder	G2296-7	23.94	<0.05	3.65	<0.05	21.59	0.07	0.47	<0.05	0.16	0.25	29.51	0.17	<0.05	5.27	0.07	14.73
8	T25/RB/2025/02	Powder	G2296-8	13.95	0.05	0.64	<0.05	15.07	0.27	1.18	0.25	0.73	0.11	53.62	0.12	<0.05	2.79	<0.05	11.03
9	T26/RB/2025/03	Powder	G2296-9	16.51	<0.05	1.15	<0.05	7.02	0.58	0.49	<0.05	0.37	<0.05	58.17	0.09	<0.05	2.35	<0.05	13.07



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

**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

Sample Count			5																					
SL No.	Customer Code	Sample Description	Method	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 052	SOP/O M/ 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)	
			I.OQ	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	0.5
			Lab ID	Ga	Sc	Y	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Th	U		
1	P31/RB/2025	Powder	G2296-2	24.5	56.3	9.36	65.1	106	12.9	45.5	8.37	2.13	8.95	0.83	3.79	0.51	1.41	<0.5	1.23	<0.5	8.81	1.94		
2	T21/RB/2025/07	Powder	G2296-4	27.3	42.3	20.7	113	322	31.5	135	23.6	6.27	22.3	1.93	8.02	1.07	2.97	<0.5	1.81	<0.5	9.70	2.72		

**Abbreviations**

LOQ-Limit of Quantification

SOP/OM/052-- 4 Acid digestion followed by ICPMS Finish

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

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Prepared by:   
Verified by: