

TEST RESULTS

Issued to:

Critical Mineral Trackers
N.No 7-1-58/CC/406, 'Concourse', Opp.Lal Bungalow
Greenlands, Begumpet,
Hyderabad-500 016
Kind Attn: Mr.K.Mahender Reddy, 9032012955

LAB REGISTRATION NO: LL/25-26/006623(1 to 20)

Date. Of Receipt of Sample : 15.09.2025

Date. Of Starting of Analysis : 16.09.2025

Date. Of Completing of Analysis : 20.09.2025

Customer Ref: Test Request

Sample Particulars : Olivine Basalt / Picritic Basalt Pits

S.No	Registration Number	Sample ID	Silica as SiO ₂ (% by mass)	Aluminium as Al ₂ O ₃ (% by mass)	Iron as Fe ₂ O ₃ (% by mass)	Magnesium as MgO (% by mass)	Calcium as CaO (% by mass)	Manganese as MnO (% by mass)	Sodium as Na ₂ O (% by mass)	Potassium as K ₂ O (% by mass)	Titanium as TiO ₂ (% by mass)	Phosphorus as P ₂ O ₅ (% by mass)	Vanadium as V ₂ O ₅ (% by mass)	Loss on Ignition (% by mass)
1	6623/1	P61/BTB/2025	30.11	13.29	9.36	4.70	20.58	0.12	0.63	0.49	1.64	0.18	<0.01	18.67
2	6623/2	P60/BTB/2025	41.26	10.88	9.37	14.40	9.51	0.18	0.67	0.70	1.30	0.17	<0.01	11.17
3	6623/3	P12/BTB/2025	44.03	11.00	11.27	16.88	9.81	0.17	2.07	0.71	1.29	0.33	<0.01	1.75
4	6623/4	P6/BTB/2025	45.17	14.60	11.37	10.29	10.02	0.17	3.05	1.10	1.88	0.45	<0.01	1.51
5	6623/5	P16/BTB/2025	46.44	17.25	9.85	6.21	9.39	0.15	4.24	1.72	1.97	0.39	<0.01	2.07
6	6623/6	P26/BTB/2025	24.31	4.88	3.54	15.03	17.89	0.02	0.41	0.14	0.52	0.05	<0.01	32.78
7	6623/7	P62/BTB/2025	44.66	15.06	11.55	9.57	10.08	0.18	3.49	0.85	1.86	0.39	<0.01	1.89
8	6623/8	P53/BTB/2025	43.85	12.68	10.69	12.18	9.21	0.18	1.88	0.76	1.13	0.30	<0.01	6.73
9	6623/9	P86/BTB/2025	42.47	9.80	11.56	15.90	4.59	0.16	0.16	0.08	1.51	0.09	<0.01	13.16
10	6623/10	P69/BTB/2025	43.50	13.15	10.46	12.74	8.09	0.17	1.12	0.75	1.56	0.27	<0.01	7.87
11	6623/11	P75/BTB/2025	37.08	10.14	7.27	10.72	13.04	0.08	1.27	0.58	1.30	0.10	<0.01	18.05
12	6623/12	P78/BTB/2025	40.88	7.44	10.56	16.76	9.77	0.17	1.25	0.15	0.63	0.12	<0.01	11.79
13	6623/13	P80/BTB/2025	42.36	10.92	12.81	20.17	7.67	0.20	1.95	0.50	0.96	0.27	<0.01	1.44
14	6623/14	P37/BTB/2025	42.91	11.18	12.52	19.40	7.43	0.20	2.18	0.28	0.99	0.26	<0.01	2.07
15	6623/15	P35/BTB/2025	44.18	14.24	11.33	11.46	10.28	0.18	3.40	0.52	1.41	0.37	<0.01	2.16
16	6623/16	P54/BTB/2025	44.00	14.38	11.53	11.80	9.69	0.19	2.26	0.41	0.93	0.23	<0.01	4.19
17	6623/17	P68/BTB/2025	33.37	11.74	9.64	8.90	15.20	0.11	1.68	0.52	1.31	0.13	<0.01	16.92
18	6623/18	P43/BTB/2025	38.96	6.52	12.05	14.02	11.31	0.25	0.51	0.18	0.57	0.10	<0.01	15.05
19	6623/19	BRS95/BTB/2025	49.52	13.90	11.15	9.33	7.63	0.15	2.48	1.43	1.40	0.30	<0.01	2.29
20	6623/20	BRS94/BTB/2025	49.69	14.24	10.96	8.87	7.76	0.16	2.75	1.51	1.46	0.34	<0.01	1.79

Test method:SOP OM-11 & Instrument Used: WDXRF PANalytical Axios Max

Note: The above results are expressed on dry basis

NOTE: This report and results relate only to the sample / items tested.

Reviewed by
Reviewed by

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AUTHORISED SIGNATORY

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