

TEST REPORT

Issued to:

Critical Mineral Trackers

H No. 7-1-58/CC/406, 'Concourse', Opp. Lal Bungalow

Greenlands, Begumpet

Hyderabad - 500 016

Kind Attn.: Mr. K Nageswara Rao, 78938-47742

Report No. : LL/25-26/004092

Issue Date : 17/07/2025

Customer Ref.: Test Request Form

Ref.Date : 09/07/2025

Sample Particulars : Picrite Basalt Sample**Sample description :** Picrite Basalt Sample, Sample ID: CMT/011/10/2025**Qty. Received :** ~ 500 Grams X1 No.**Mode of Packing :** Polythene Cover**Test Parameters :** Nickel as Ni, Cobalt as Co, Copper as Cu, Arsenic as As**Date of Receipt of Sample :** 10/07/2025**Date of Starting of Analysis :** 17/07/2025**Date of completion of analysis :** 17/07/2025

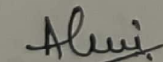
SAMPLE TESTED AS RECEIVED

TEST RESULTS

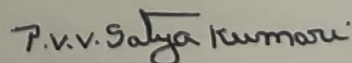
S.No.	Parameters	Units	Results	Test Method
1	Nickel as Ni	ppm	694.2	SOP OM-12
2	Cobalt as Co	ppm	48.5	SOP OM-12
3	Copper as Cu	ppm	77.3	SOP OM-12
4	Arsenic as As	ppm	19	SOP OM-12

Note: The above results are expressed on dry basis.**NOTE :** This report and results relate only to the sample / items tested.

End of Report


Reviewed by

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P.V.V. Satya Kumari
Authorized Signatory**Note:** This report is subject to the terms and conditions mentioned overleaf **129721**

TEST REPORT



Issued to:

Critical Mineral Trackers

H No. 7-1-58/CC/406, 'Concourse', Opp. Lal Bungalow

Greenlands, Begumpet

Hyderabad - 500 016

Kind Attn.: Mr. K Nageswara Rao, 78938-47742

Report No. : LL/25-26/004093

Issue Date : 17/07/2025

Customer Ref.: Test Request Form

Ref.Date : 09/07/2025

Sample Particulars : Picrite Basalt Sample**Sample description :** Picrite Basalt Sample, Sample ID: CMT/011/16/2025**Qty. Received :** ~ 500 Grms X1 No.**Mode of Packing :** Polythene Cover**Test Parameters :** Nickel as Ni, Cobalt as Co, Copper as Cu, Arsenic as As**Date of Receipt of Sample :** 10/07/2025**Date of Starting of Analysis :** 17/07/2025**Date of completion of analysis :** 17/07/2025

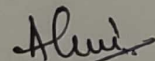
SAMPLE TESTED AS RECEIVED

TEST RESULTS

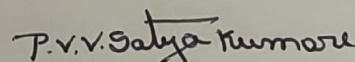
S.No.	Parameters	Units	Results	Test Method
1	Nickel as Ni	ppm	539.1	SOP OM-12
2	Cobalt as Co	ppm	38.1	SOP OM-12
3	Copper as Cu	ppm	90.6	SOP OM-12
4	Arsenic as As	ppm	11.4	SOP OM-12

Note: The above results are expressed on dry basis.**NOTE :** This report and results relate only to the sample / items tested.

End of Report


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 Authorized Signatory

TEST REPORT

Issued to:

Critical Mineral Trackers

H No. 7-1-58/CC/406, 'Concourse', Opp. Lal Bungalow

Greenlands, Begumpet

Hyderabad - 500 016

Kind Attn.: Mr. K Nageswara Rao, 78938-47742

Report No. : LL/25-26/004094

Issue Date : 17/07/2025

Customer Ref.: Test Request Form

Ref.Date : 09/07/2025

Sample Particulars : Picrite Basalt Sample**Sample description :** Picrite Basalt Sample, Sample ID: CMT/011/29/2025**Qty. Received :** ~ 500 Grms X1 No**Mode of Packing :** Polythene Cover**Test Parameters :** Nickel as Ni, Cobalt as Co, Copper as Cu, Arsenic as As**Date of Receipt of Sample :** 10/07/2025**Date of Starting of Analysis :** 17/07/2025**Date of completion of analysis :** 17/07/2025

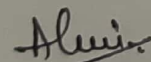
SAMPLE TESTED AS RECEIVED

TEST RESULTS

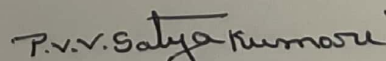
S.No.	Parameters	Units	Results	Test Method
1	Nickel as Ni	ppm	329.3	SOP OM-12
2	Cobalt as Co	ppm	34.0	SOP OM-12
3	Copper as Cu	ppm	106.3	SOP OM-12
4	Arsenic as As	ppm	10.1	SOP OM-12

Note: The above results are expressed on dry basis.**NOTE :** This report and results relate only to the sample / items tested.

End of Report


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P.V.V. Satya Kumari
Authorized Signatory

TEST REPORT



Issued to:

Critical Mineral Trackers
 H No. 7-1-58/CC/406, 'Concourse', Opp. Lal Bungalow
 Greenlands, Begumpet
 Hyderabad - 500 016

Kind Attn.: Mr. K Nageswara Rao, 78938-47742

Report No. : LL/25-26/004095

Issue Date : 17/07/2025

Customer Ref.: Test Request Form

Ref.Date : 09/07/2025

Sample Particulars : Picrite Basalt Sample**Sample description :** Picrite Basalt Sample, Sample ID: CMT/011/72/2025**Qty. Received :** ~ 500 Grms X1 No**Mode of Packing :** Polythene Cover**Test Parameters :** Nickel as Ni, Cobalt as Co, Copper as Cu, Arsenic as As**Date of Receipt of Sample :** 10/07/2025**Date of Starting of Analysis :** 17/07/2025**Date of completion of analysis :** 17/07/2025

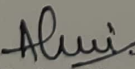
SAMPLE TESTED AS RECEIVED

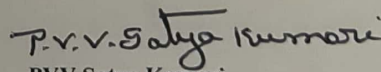
TEST RESULTS

S.No.	Parameters	Units	Results	Test Method
1	Nickel as Ni	ppm	648.2	SOP OM-12
2	Cobalt as Co	ppm	50.1	SOP OM-12
3	Copper as Cu	ppm	99.5	SOP OM-12
4	Arsenic as As	ppm	12.7	SOP OM-12

Note: The above results are expressed on dry basis.**NOTE :** This report and results relate only to the sample / items tested.

End of Report


 Reviewed by


 P.V.V. Satya Kumari
 Authorized Signatory

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Note: This report is subject to the terms and conditions mentioned overleaf

129724



TEST REPORT



Issued to:

Critical Mineral Trackers
 H No. 7-1-58/CC/406, 'Concourse', Opp. Lal Bungalow
 Greenlands, Begumpet
 Hyderabad - 500 016

Kind Attn.: Mr. K Nageswara Rao, 78938-47742

Report No. : LL/25-26/004096

Issue Date : 17/07/2025

Customer Ref.: Test Request Form

Ref. Date : 09/07/2025

Sample Particulars : Picrite Basalt Sample**Sample description :** Picrite Basalt Sample, Sample ID: CMT/011/75/2025**Qty. Received :** ~ 500 Grms X1 No.**Mode of Packing :** Polythene Cover**Test Parameters :** Nickel as Ni, Cobalt as Co, Copper as Cu, Arsenic as As**Date of Receipt of Sample :** 10/07/2025**Date of Starting of Analysis :** 17/07/2025**Date of completion of analysis :** 17/07/2025

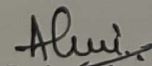
SAMPLE TESTED AS RECEIVED

TEST RESULTS

S.No.	Parameters	Units	Results	Test Method
1	Nickel as Ni	ppm	240.8	SOP OM-12
2	Cobalt as Co	ppm	29.7	SOP OM-12
3	Copper as Cu	ppm	117.2	SOP OM-12
4	Arsenic as As	ppm	14.7	SOP OM-12

Note: The above results are expressed on dry basis.**NOTE :** This report and results relate only to the sample / items tested.

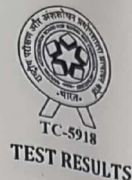
End of Report


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Page No. 1/1

 P.V.V. Satya Kumari
 P.V.V. Satya Kumari
 Authorized Signatory

 Note: This report is subject to the terms and conditions mentioned overleaf **129725**



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

ULR : TC591825000003132P

LAB REGISTRATION NO: LL/25-26/005691(1 to 67)

Date. Of Receipt of Sample : 19.08.2025

Date. Of Starting of Analysis : 01.09.2025

Date. Of Completing of Analysis : 09.09.2025

Customer Ref: Test Request Form

Sample Particulars: Olivine Basalt																	
S.No	Sample ID	Reg no	Antimony Sb (ppm)	Arsenic as As (ppm)	Barium as Ba (ppm)	Beryllium as Be (ppm)	Bismuth as Bi (ppm)	Cadmium as Cd (ppm)	Cobalt as Co (ppm)	Chromium as Cr (ppm)	Copper as Cu (ppm)	Gallium as Ga (ppm)	Germanium as Ge (ppm)	Hafnium as Hf (ppm)	Indium as In (ppm)	Lithium as Li (ppm)	Molybdenum as Mo (ppm)
1	CMT/011/23/2025	5691/1	4.9	4.7	154.0	<1.0	<1.0	<1.0	46.8	638.2	99.6	18.6	3.0	1.1	<1.0	6.2	<1.0
2	CMT/011/03/2025	5691/2	8.0	2.2	182.8	<1.0	<1.0	<1.0	48.9	1036.2	90.1	19.6	1.1	1.6	<1.0	6.2	<1.0
3	CMT/011/26/2025	5691/3	6.1	3.3	274.4	<1.0	<1.0	<1.0	48.5	514.4	151.5	20.3	3.5	2.4	<1.0	8.0	<1.0
4	CMT/011/28/2025	5691/4	2.2	4.6	21.5	<1.0	<1.0	<1.0	34.6	482.3	62.7	10.1	<1.0	<1.0	<1.0	4.2	<1.0
5	CMT/011/05/2025	5691/5	13.8	4.0	244.9	<1.0	<1.0	<1.0	48.8	868.2	100.9	19.9	<1.0	1.9	<1.0	7.0	<1.0
6	CMT/011/53/2025	5691/6	11.0	3.8	209.0	<1.0	<1.0	<1.0	69.8	1052.3	104.0	15.4	<1.0	1.1	<1.0	9.0	<1.0
7	CMT/011/22/2025	5691/7	6.8	3.7	332.1	<1.0	<1.0	<1.0	23.4	212.0	105.3	23.7	4.8	3.7	<1.0	12.5	<1.0
8	CMT/011/07/2025	5691/8	4.1	8.4	337.3	<1.0	1.8	<1.0	28.0	214.1	65.3	24.3	3.7	4.4	<1.0	7.0	3.4
9	CMT/011/31/2025	5691/9	9.8	3.8	149.2	<1.0	<1.0	<1.0	67.7	990.8	302.3	17.1	<1.0	1.0	<1.0	4.3	23.0
10	CMT/011/39/2025	5691/10	9.7	3.6	193.6	<1.0	<1.0	<1.0	60.4	911.5	86.9	17.7	5.2	1.8	<1.0	10.7	2.3
11	CMT/011/73/2025	5691/11	9.8	2.8	197.6	<1.0	<1.0	<1.0	53.2	1028.6	89.8	19.0	2.5	1.1	<1.0	7.6	<1.0
12	CMT/011/69/2025	5691/12	6.5	2.6	167.2	<1.0	<1.0	<1.0	51.0	678.3	135.2	17.8	<1.0	1.0	<1.0	6.8	<1.0
13	CMT/011/25/2025	5691/13	0.7	4.8	1169.1	2.0	<1.0	<1.0	4.9	44.2	55.1	21.3	2.0	12.4	<1.0	2.6	<1.0
14	CMT/011/63/2025	5691/14	5.7	2.0	200.1	<1.0	<1.0	<1.0	59.0	971.4	106.7	17.4	<1.0	<1.0	<1.0	6.5	3.6
15	CMT/011/54/2025	5691/15	3.8	4.8	352.5	<1.0	1.2	<1.0	33.7	404.5	110.9	23.0	4.3	3.7	<1.0	13.7	<1.0
16	CMT/011/21/2025	5691/16	6.7	6.6	332.6	<1.0	<1.0	<1.0	33.0	515.1	91.5	21.7	3.0	2.8	<1.0	14.3	2.0
17	CMT/011/02/2025	5691/17	4.8	3.8	385.8	<1.0	<1.0	<1.0	26.0	238.0	77.7	17.5	<1.0	2.9	<1.0	7.5	<1.0
18	CMT/011/12/2025	5691/18	3.0	6.6	659.8	<1.0	1.9	<1.0	22.0	244.3	99.9	17.1	1.8	6.6	<1.0	2.3	<1.0
19	CMT/011/04/2025	5691/19	2.1	2.0	80.7	<1.0	<1.0	<1.0	11.6	163.9	20.5	6.0	<1.0	<1.0	<1.0	2.4	<1.0
20	CMT/011/15/2025	5691/20	4.1	3.4	122.5	<1.0	<1.0	<1.0	28.4	144.8	26.5	13.9	<1.0	2.2	<1.0	4.7	1.1
21	CMT/011/01/2025	5691/21	8.7	4.1	212.0	<1.0	<1.0	<1.0	57.3	886.3	94.6	18.2	<1.0	1.8	<1.0	6.6	<1.0
22	CMT/011/20/2025	5691/22	6.3	4.7	290.8	<1.0	<1.0	<1.0	46.2	427.6	1633.3	37.6	<1.0	2.7	<1.0	3.9	<1.0
23	CMT/011/08/2025	5691/23	6.2	2.1	245.0	<1.0	3.4	<1.0	46.4	730.6	102.6	19.3	4.7	2.4	<1.0	7.0	<1.0
24	CMT/011/11/2025	5691/24	6.5	2.0	289.0	<1.0	<1.0	<1.0	43.0	759.2	122.4	20.9	4.6	2.3	<1.0	7.4	<1.0
25	CMT/011/30/2025	5691/25	8.5	2.2	290.1	<1.0	1.7	<1.0	42.0	505.1	116.0	26.1	<1.0	2.7	<1.0	8.0	1.6
26	CMT/011/32/2025	5691/26	8.6	3.7	260.1	<1.0	2.7	<1.0	51.7	737.7	107.4	21.2	<1.0	2.4	<1.0	7.3	2.3
27	CMT/011/06/2025	5691/27	7.5	4.4	378.8	<1.0	<1.0	<1.0	38.3	483.9	144.8	24.2	1.9	3.9	<1.0	10.1	1.1
28	CMT/011/13/2025	5691/28	7.3	5.5	284.9	<1.0	<1.0	<1.0	47.7	719.5	112.8	20.3	<1.0	2.4	<1.0	7.3	<1.0
29	CMT/011/09/2025	5691/29	11.0	4.1	268.9	<1.0	<1.0	<1.0	52.2	891.0	98.0	20.4	<1.0	2.1	<1.0	10.1	1.1
30	CMT/011/05/2025	5691/30	11.8	6.8	220.5	<1.0	<1.0	<1.0	70.9	922.3	78.9	18.2	1.3	2.0	<1.0	7.3	<1.0
31	CMT/011/56/2025	5691/31	7.7	3.3	225.4	<1.0	<1.0	<1.0	67.9	994.5	86.2	15.3	<1.0	1.4	<1.0	6.6	<1.0
32	CMT/011/14/2025	5691/32	8.5	5.1	188.3	<1.0	<1.0	<1.0	80.3	946.3	64.9	17.1	<1.0	<1.0	<1.0	7.1	<1.0
33	CMT/011/40/2025	5691/33	12.0	4.1	192.1	<1.0	<1.0	<1.0	74.0	1411.6	89.7	16.7	2.5	1.0	<1.0	6.9	4.7
34	CMT/011/58/2025	5691/34	8.5	2.9	168.8	<1.0	3.3	<1.0	27.7	260.2	125.6	28.0	6.2	2.2	<1.0	10.7	2.0
35	CMT/011/37/2025	5691/35	6.7	5.0	348.8	<1.0	4.4	<1.0	32.0	355.7	100.7	21.4	3.4	3.7	<1.0	12.9	8.4

Page 1 of 4

Reviewed

A.L.Kanta Rao

AUTHORISED SIGNATORY

[Signature]

Lucid Laboratories Pvt. Ltd.

Plot No. 3, IDA, Balanagar, Hyderabad - 500 037, Telangana, INDIA, Ph : .040-69042222/10 Lines
E-mail: info@lucidlabsindia.com, website : www.lucidlabsindia.com CIN No. : U24239TG2004PTC042390



Scanned with OKEN Scanner



ULR : TC59182500003132

LAB REGISTRATION NO: LL/25-26/005691(1 to 67)

Date. Of Receipt of Sample : 19.08.2025

Date. Of Starting of Analysis : 01.09.2025

Date. Of Completing of Analysis : 09.09.2025

Customer Ref: Test Request Form

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

Sample Particulars : Olivine Basalt

S.No	Sample ID	Reg no	Nickel as Ni (ppm)	Niobium as Nb (ppm)	Lead as Pb (ppm)	Silver as Ag (ppm)	Scandium as Sc (ppm)	Selenium as Se (ppm)	Strontium as Sr (ppm)	Tin as Sn (ppm)	Tantalum as Ta (ppm)	Tellurium as Te (ppm)	Thallium as Tl (ppm)	Vanadium as V (ppm)	Tungsten as W (ppm)	Zirconium as Zr (ppm)	Zinc as Zn (ppm)
1	CMT/011/23/2025	5691/1	539.7	631.0	<1.0	0.2	32.7	<1.0	239.7	<1.0	9.9	13.6	10.6	167.3	1.1	80.4	77.9
2	CMT/011/03/2025	5691/2	481.6	665.2	1.4	0.1	34.9	<1.0	270.6	<1.0	9.4	14.4	10.7	177.5	1.5	111.3	68.1
3	CMT/011/26/2025	5691/3	538.8	830.5	1.5	0.5	28.3	<1.0	347.6	1.9	11.1	17.7	17.5	229.5	3.3	127.4	90.2
4	CMT/011/28/2025	5691/4	349.1	310.2	<1.0	<0.1	26.1	<1.0	244.6	<1.0	1.9	10.5	1.7	50.4	0.5	52.8	41.1
5	CMT/011/05/2025	5691/5	520.9	835.8	<1.0	0.4	34.4	<1.0	334.1	1.1	10.0	14.3	8.8	162.6	1.3	109.5	89.7
6	CMT/011/53/2025	5691/6	1056.2	544.2	3.4	0.5	27.2	<1.0	209.9	1.7	8.6	13.9	10.6	124.7	1.6	85.5	93.9
7	CMT/011/22/2025	5691/7	82.2	1098.3	2.0	0.5	32.0	<1.0	491.0	<1.0	13.3	18.0	19.7	222.3	1.6	157.9	94.4
8	CMT/011/07/2025	5691/8	88.3	1214.6	1.3	0.3	33.0	1.7	728.9	<1.0	13.2	19.8	19.6	185.5	2.5	181.8	113.8
9	CMT/011/31/2025	5691/9	889.6	576.7	<1.0	0.8	26.6	8.6	245.3	<1.0	9.1	19.1	7.7	131.2	1.7	88.7	87.8
10	CMT/011/39/2025	5691/10	800.0	694.5	<1.0	0.8	30.5	<1.0	319.9	<1.0	11.8	15.6	8.6	173.7	30.3	101.6	87.9
11	CMT/011/73/2025	5691/11	550.0	674.1	<1.0	0.6	34.7	1.2	306.4	<1.0	10.3	15.2	11.5	179.8	0.7	88.1	84.6
12	CMT/011/69/2025	5691/12	723.0	593.3	<1.0	0.2	23.4	<1.0	449.9	<1.0	8.5	14.5	9.6	144.3	3.7	75.4	89.9
13	CMT/011/25/2025	5691/13	28.9	479.0	10.6	3.3	12.2	<1.0	223.4	5.7	3.6	8.6	5.7	46.3	3.8	305.4	100.7
14	CMT/011/63/2025	5691/14	795.2	585.3	<1.0	0.2	25.5	1.9	247.1	<1.0	8.7	14.9	8.0	139.4	6.1	83.2	84.1
15	CMT/011/54/2025	5691/15	247.1	1057.7	<1.0	3.6	32.1	2.0	477.2	4.1	9.6	17.5	20.5	236.4	2.1	159.8	92.8
16	CMT/011/21/2025	5691/16	190.5	761.7	<1.0	0.5	29.5	<1.0	378.7	1.4	8.5	13.9	15.7	182.6	2.5	100.9	81.4
17	CMT/011/02/2025	5691/17	150.7	791.9	<1.0	0.2	24.3	<1.0	214.3	<1.0	6.8	14.6	15.8	118.2	1.5	117.7	65.7
18	CMT/011/12/2025	5691/18	111.6	1023.1	4.2	0.5	26.7	<1.0	596.1	4.1	8.6	19.1	18.6	107.4	2.6	208.7	116.0
19	CMT/011/04/2025	5691/19	43.2	249.4	<1.0	<0.1	6.9	2.4	215.0	<1.0	1.3	10.1	9.4	50.7	1.1	31.2	28.3
20	CMT/011/15/2025	5691/20	144.5	742.8	3.1	0.4	20.5	<1.0	170.1	<1.0	5.5	17.0	12.5	82.9	1.3	111.4	74.7
21	CMT/011/01/2025	5691/21	792.8	733.9	<1.0	1.2	30.6	<1.0	285.8	<1.0	10.4	15.6	13.2	182.5	1.3	108.5	91.9
22	CMT/011/20/2025	5691/22	429.5	809.9	<1.0	0.6	31.0	<1.0	142.7	<1.0	7.7	14.3	16.3	203.9	2.7	128.8	73.0
23	CMT/011/08/2025	5691/23	490.2	871.4	1.1	0.6	36.3	<1.0	396.6	1.1	11.4	17.0	17.9	163.6	2.4	121.4	104.8
24	CMT/011/11/2025	5691/24	446.8	818.5	5.8	0.4	35.4	<1.0	338.6	1.2	12.7	15.8	15.3	228.0	3.4	120.5	102.2
25	CMT/011/30/2025	5691/25	385.9	886.4	2.1	0.6	32.0	<1.0	138.1	5.0	7.0	16.7	14.5	129.3	2.2	117.5	104.0
26	CMT/011/32/2025	5691/26	614.2	865.3	<1.0	0.4	36.2	<1.0	321.1	2.4	10.1	17.8	11.5	225.3	3.8	125.6	102.7
27	CMT/011/06/2025	5691/27	294.5	1085.1	1.0	0.7	33.3	<1.0	486.5	1.7	14.7	18.2	20.2	227.2	2.1	170.0	97.6
28	CMT/011/13/2025	5691/28	506.4	774.5	3.3	0.8	36.7	<1.0	382.8	1.1	12.8	17.1	14.2	170.8	3.2	127.9	101.6
29	CMT/011/09/2025	5691/29	542.6	843.9	1.6	0.5	34.9	<1.0	315.7	1.0	9.1	16.1	13.9	165.8	1.9	122.0	100.2
30	CMT/011/05/2025	5691/30	894.4	645.8	1.8	0.3	30.3	<1.0	260.2	<1.0	9.4	15.1	9.5	148.7	1.8	98.2	99.8
31	CMT/011/56/2025	5691/31	969.3	578.3	<1.0	0.5	29.5	<1.0	240.0	0.6	10.5	13.6	9.1	117.2	1.3	86.6	92.2
32	CMT/011/14/2025	5691/32	1105.1	550.8	3.8	0.7	26.0	2.6	234.6	0.1	7.7	15.2	9.6	144.7	1.0	81.6	111.7
33	CMT/011/40/2025	5691/33	990.4	543.3	5.0	0.6	34.1	<1.0	216.1	1.0	9.6	13.5	4.7	127.6	2.2	76.7	88.9
34	CMT/011/58/2025	5691/34	95.1	989.7	<1.0	0.2	36.6	<1.0	289.8	1.2	10.7	19.2	19.8	241.9	31.5	118.9	107.5
35	CMT/011/37/2025	5691/35	246.5	1001.5	<1.0	0.5	33.7	1.7	451.6	27.2	12.5	20.4	18.4	223.3	68.5	151.5	99.1

Page 2 of 4

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E-mail: info@lucidlabsindia.com, website : www.lucidlabsindia.com CIN No. : U24239TG2004PTC042390



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TC-5918
TEST RESULTS



ULR : TC591825000003132F Testing to the Core

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/25-26/005691(1 to 67)

Date. Of Receipt of Sample : 19.08.2025

Date. Of Starting of Analysis : 01.09.2025

Date. Of Completing of Analysis : 09.09.2025

Customer Ref: Test Request Form

Kind Attn: Mr.K.Mahender Reddy, 9032012955			Sample Particulars :Olivine Basalt										Date. Of Completing of Analysis :09.09.2025				
S.No	Sample ID	Reg no	Antimony	Arsenic as	Barium as	Beryllium	Bismuth as	Cadmium as Cd	Chromium as	Cobalt as Co	Copper as Cu	Gallium as Ga	Germanium	Hafnium as	Indium as In	Lithium as Li	Molybdenum as Mo
			as Sb (ppm)	As (ppm)	Ba (ppm)	as Be (ppm)	Bi (ppm)		Cr (ppm)				as Ge (ppm)	Hf (ppm)			
36	CMT/011/45/2025	5691/36	3.6	1.7	208.3	<1.0	<1.0	<1.0	903.5	52.4	122.2	18.3	<1.0	1.7	<1.0	8.3	<1.0
37	CMT/011/42/2025	5691/37	6.3	2.1	242.7	<1.0	<1.0	<1.0	1015.0	52.6	101.2	19.4	1.6	1.7	<1.0	7.3	<1.0
38	CMT/011/61/2025	5691/38	2.0	2.2	155.8	<1.0	1.6	<1.0	309.7	31.1	92.9	22.6	2.1	1.8	<1.0	9.1	<1.0
39	CMT/011/49/2025	5691/39	6.0	2.4	311.1	<1.0	2.0	<1.0	685.8	47.0	110.3	22.5	<1.0	2.4	<1.0	10.1	1.0
40	CMT/011/41/2025	5691/40	10.8	2.4	228.3	<1.0	<1.0	<1.0	1040.3	53.9	94.4	20.1	1.1	1.7	<1.0	7.5	<1.0
41	CMT/011/55/2025	5691/41	5.8	1.8	315.1	<1.0	1.4	<1.0	521.2	39.8	122.2	20.6	2.3	2.9	<1.0	9.4	<1.0
42	CMT/011/46/2025	5691/42	4.9	3.2	317.4	<1.0	<1.0	<1.0	600.3	43.8	119.2	22.7	3.8	3.2	<1.0	9.9	<1.0
43	CMT/011/36/2025	5691/43	0.9	4.1	440.3	<1.0	1.0	<1.0	159.1	27.0	177.3	23.0	1.2	4.2	<1.0	11.9	<1.0
44	CMT/011/34/2025	5691/44	0.1	3.5	19.7	<1.0	<1.0	<1.0	12.4	2.9	39.7	6.1	1.1	<1.0	<1.0	2.0	<1.0
45	CMT/011/43/2025	5691/45	1.8	7.4	1027.1	1.7	<1.0	<1.0	69.9	9.7	29.6	18.4	4.7	11.1	<1.0	3.4	<1.0
46	CMT/011/68/2025	5691/46	3.8	5.4	247.8	<1.0	<1.0	<1.0	253.9	29.6	99.3	20.3	3.1	3.1	<1.0	7.3	<1.0
47	CMT/011/71/2025	5691/47	2.4	4.9	223.1	<1.0	<1.0	<1.0	292.8	27.2	65.0	18.2	<1.0	2.1	<1.0	5.4	<1.0
48	CMT/011/24/2025	5691/48	0.2	3.0	45.6	<1.0	<1.0	<1.0	47.2	3.8	22.6	9.5	<1.0	<1.0	<1.0	0.7	<1.0
49	CMT/011/27/2025	5691/49	4.8	3.2	180.9	<1.0	<1.0	<1.0	458.7	38.9	33.9	21.1	4.7	1.7	<1.0	9.0	<1.0
50	CMT/011/38/2025	5691/50	3.7	1.8	159.0	<1.0	0.2	<1.0	326.8	32.2	144.5	19.8	2.0	1.1	<1.0	5.3	<1.0
51	CMT/011/18/2025	5691/51	1.5	0.9	12.9	<1.0	-0.2	<1.0	46.7	3.7	7.2	1.6	<1.0	<1.0	<1.0	1.9	<1.0
52	CMT/011/17/2025	5691/52	0.9	9.5	199.5	<1.0	<1.0	<1.0	101.9	9.7	15.1	2.3	<1.0	<1.0	<1.0	2.4	2.8
53	CMT/011/66/2025	5691/53	6.8	6.1	57.8	<1.0	<1.0	<1.0	826.3	51.8	77.4	14.9	4.6	<1.0	<1.0	7.5	1.0
54	CMT/011/19/2025	5691/54	10.8	4.7	209.6	<1.0	<1.0	<1.0	1312.3	69.1	91.6	17.3	2.0	<1.0	<1.0	6.9	<1.0
55	CMT/011/57/2025	5691/55	3.7	2.3	190.1	<1.0	<1.0	<1.0	326.7	31.6	177.2	26.6	4.3	1.9	<1.0	7.0	<1.0
56	CMT/011/77/2025	5691/56	5.8	6.1	197.0	<1.0	1.3	<1.0	391.9	38.3	85.7	24.6	3.1	1.9	<1.0	10.7	3.1
57	CMT/011/47/2025	5691/57	5.3	2.8	111.0	<1.0	<1.0	<1.0	336.3	38.0	83.5	22.9	<1.0	1.0	<1.0	9.3	<1.0
58	CMT/011/35/2025	5691/58	8.2	1.6	142.5	<1.0	<1.0	<1.0	736.9	45.5	128.4	20.0	1.3	<1.0	<1.0	8.3	<1.0
59	CMT/011/52/2025	5691/59	5.4	3.1	217.1	<1.0	<1.0	<1.0	397.7	36.5	38.5	22.8	0.2	1.9	<1.0	6.8	<1.0
60	CMT/011/67/2025	5691/60	5.1	3.5	254.7	<1.0	1.4	<1.0	618.0	39.2	85.0	20.7	5.6	2.4	<1.0	13.3	<1.0
61	CMT/011/50/2025	5691/61	7.0	5.6	171.8	<1.0	<1.0	<1.0	986.9	56.1	145.7	20.0	<1.0	1.9	<1.0	7.2	<1.0
62	CMT/011/65/2025	5691/62	5.3	3.5	814.2	<1.0	<1.0	<1.0	20.9	29.3	33.5	27.3	6.1	4.4	<1.0	13.1	<1.0
63	CMT/011/60/2025	5691/63	6.7	0.7	244.8	<1.0	<1.0	<1.0	952.5	47.3	109.6	19.3	<1.0	2.1	<1.0	7.9	4.7
64	CMT/011/51/2025	5691/64	1.9	3.4	475.0	1.0	<1.0	<1.0	114.7	19.5	42.0	22.2	1.8	4.4	<1.0	32.8	<1.0
65	CMT/011/44/2025	5691/65	5.9	2.5	329.9	<1.0	<1.0	<1.0	590.0	46.9	169.9	21.6	<1.0	2.8	<1.0	8.3	<1.0
66	CMT/011/59/2025	5691/66	7.0	1.3	162.7	<1.0	<1.0	<1.0	823.5	53.3	129.8	18.8	<1.0	1.6	<1.0	8.3	<1.0
67	CMT/011/33/2025	5691/67	5.7	1.6	247.6	<1.0	<1.0	<1.0	816.7	45.7	123.9	19.3	2.3	2.1	<1.0	6.9	<1.0

Reviewed
Reviewed

A.L. Kanta Rao
A.L. Kanta Rao
AUTHORISED SIGNATORY

Lucid Laboratories Pvt. Ltd.

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E-mail: info@lucidlabsindia.com, website : www.lucidlabsindia.com CIN No. : U24239TG2004PTC042390





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

ULR : TC591825000003132F Testing to the Core

LAB REGISTRATION NO: LL/25-26/005691(1 to 67)

Date. Of Receipt of Sample : 19.08.2025

Date. Of Starting of Analysis : 01.09.2025

Date. Of Completing of Analysis : 09.09.2025

Customer Ref: Test Request Form

S.No	Sample ID	Reg no	Nickel as Ni (ppm)	Niobium as Nb (ppm)	Lead as Pb (ppm)	Scandium as Sc (ppm)	Selenium as Se (ppm)	Silver as Ag (ppm)	Strontium as Sr (ppm)	Tantalum as Ta (ppm)	Tellurium as Te (ppm)	Thallium as Tl (ppm)	Tin as Sn (ppm)	Vanadium as V (ppm)	Tungsten as W (ppm)	Zinc as Zn (ppm)	Zirconium as Zr (ppm)
36	CMT/011/45/2025	5691/36	581.3	680.1	1.3	31.1	<1.0	0.2	267.2	11.7	14.4	9.4	2.2	155.3	0.6	77.8	101.4
37	CMT/011/42/2025	5691/37	659.7	726.0	<1.0	36.5	<1.0	0.1	290.2	11.0	15.9	12.9	<1.0	191.3	0.8	82.0	103.5
38	CMT/011/61/2025	5691/38	110.1	889.3	<1.0	33.3	<1.0	<0.1	534.5	9.7	14.9	16.3	<1.0	229.1	1.8	79.8	99.0
39	CMT/011/49/2025	5691/39	442.6	878.8	1.7	33.6	<1.0	0.3	360.4	13.5	18.0	15.6	<1.0	246.0	3.0	96.6	128.8
40	CMT/011/41/2025	5691/40	665.8	724.0	<1.0	31.8	<1.0	0.1	334.0	10.7	13.5	9.8	<1.0	208.0	2.0	88.6	103.8
41	CMT/011/55/2025	5691/41	368.1	907.6	1.2	29.9	<1.0	0.2	372.0	11.6	17.5	15.8	<1.0	185.6	1.5	83.8	133.0
42	CMT/011/46/2025	5691/42	407.0	965.2	1.4	30.5	<1.0	0.4	444.0	13.2	19.9	17.4	2.0	211.5	158.3	99.7	141.9
43	CMT/011/36/2025	5691/43	123.1	1143.8	21.3	30.4	<1.0	0.4	616.0	12.4	16.9	19.9	81.7	255.4	2.9	97.9	169.1
44	CMT/011/34/2025	5691/44	35.4	15.6	0.3	1.2	2.1	<0.1	89.6	0.0	5.8	1.0	1.6	7.4	1.0	4.5	5.0
45	CMT/011/43/2025	5691/45	70.6	35.6	10.0	14.5	1.3	0.9	74.8	4.2	12.8	8.3	5.4	53.1	81.0	86.7	304.3
46	CMT/011/68/2025	5691/46	140.3	35.6	<1.0	32.1	<1.0	0.2	409.5	6.9	17.3	17.5	<1.0	116.3	1.8	74.0	139.2
47	CMT/011/71/2025	5691/47	175.9	25.9	<1.0	22.7	<1.0	3.9	301.1	5.6	13.6	15.1	<1.0	90.5	1.5	71.7	93.3
48	CMT/011/24/2025	5691/48	23.6	4.4	<1.0	3.4	2.2	<0.1	306.3	0.0	3.3	<1.0	<1.0	17.1	0.0	8.6	13.4
49	CMT/011/27/2025	5691/49	196.4	32.0	<1.0	25.2	<1.0	<0.1	1006.7	7.2	15.6	18.4	1.8	157.5	2.1	86.2	106.7
50	CMT/011/38/2025	5691/50	194.7	33.2	<1.0	34.2	1.2	0.8	210.6	8.1	13.3	9.3	1.4	214.2	1.6	81.6	71.8
51	CMT/011/18/2025	5691/51	194.7	5.0	<1.0	2.1	<1.0	<0.1	466.2	0.0	6.2	0.6	1.6	24.6	0.0	6.2	7.5
52	CMT/011/17/2025	5691/52	19.9	10.0	1.8	2.8	3.1	<0.1	64.9	0.0	9.9	4.9	<1.0	67.2	1.1	17.0	9.0
53	CMT/011/66/2025	5691/53	56.6	20.0	1.5	28.2	1.3	<0.1	390.1	5.5	12.5	7.5	<1.0	112.6	5.5	60.4	61.5
54	CMT/011/19/2025	5691/54	629.6	21.4	1.1	35.4	<1.0	<0.1	222.6	9.4	14.6	7.5	<1.0	124.3	3.0	90.5	71.5
55	CMT/011/57/2025	5691/55	113.6	327.6	<1.0	38.2	<1.0	0.2	401.1	12.6	18.6	16.4	3.7	253.7	3.6	88.2	114.7
56	CMT/011/77/2025	5691/56	158.7	40.1	<1.0	39.5	1.6	0.4	412.2	10.1	17.5	13.4	2.1	245.6	1.5	99.7	101.2
57	CMT/011/47/2025	5691/57	140.5	34.0	<1.0	31.8	<1.0	<0.1	286.2	7.4	16.7	14.0	<1.0	206.9	1.5	93.3	73.6
58	CMT/011/35/2025	5691/58	308.6	26.4	<1.0	33.9	<1.0	0.1	269.7	10.5	15.4	8.0	<1.0	157.2	0.8	82.1	80.4
59	CMT/011/52/2025	5691/59	180.5	33.1	<1.0	27.2	<1.0	1.9	382.8	9.6	15.6	13.6	<1.0	158.9	1.7	93.8	108.7
60	CMT/011/67/2025	5691/60	367.0	37.5	<1.0	33.9	1.1	0.3	359.0	10.3	17.5	14.5	<1.0	164.9	0.5	80.4	121.5
61	CMT/011/50/2025	5691/61	688.5	37.6	2.2	30.4	<1.0	0.3	263.3	11.1	17.3	14.6	1.1	218.9	1.7	101.4	106.4
62	CMT/011/65/2025	5691/62	46.5	42.4	2.0	17.1	<1.0	0.6	756.5	11.4	16.6	14.9	<1.0	194.0	1.3	105.5	121.2
63	CMT/011/60/2025	5691/63	502.5	30.7	<1.0	33.8	2.3	0.4	284.0	8.8	15.0	10.0	<1.0	138.9	133.9	79.4	103.8
64	CMT/011/51/2025	5691/64	72.3	36.5	18.4	21.2	1.5	0.4	323.0	7.1	14.9	11.0	1.4	176.4	2.7	72.1	136.4
65	CMT/011/44/2025	5691/65	496.6	40.9	<1.0	30.0	1.9	0.3	375.3	10.3	17.2	18.8	<1.0	171.4	2.3	89.8	129.0
66	CMT/011/59/2025	5691/66	668.6	26.4	1.0	30.6	<1.0	0.2	206.3	8.3	15.7	12.9	<1.0	125.4	6.2	87.0	95.8
67	CMT/011/33/2025	5691/67	529.8	34.7	1.4	35.3	<1.0	0.2	327.3	12.4	16.2	13.7	1.2	142.4	2.4	87.7	114.3

Test Method: SOP OM-12(Instrument Used: ICP-OES)

Note 1: The above results are expressed on dry basis.

Reviewed

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TEST REPORT



ULR : TC591825000003086F

Issued to:

Critical Mineral Trackers

H No. 7-1-58/CC/406, 'Concourse', Opp. Lal Bungalow

Greenlands, Begumpet

Hyderabad - 500 016

Kind Attn.: Mr. K Nageswara Rao, 9032012955

Report No. : LL/25-26/004959

Issue Date : 16/08/2025

Customer Ref.: Test Request Form

Ref.Date : 29/07/2025

Sample Particulars : Picritic Basalt Pits, Samples

Sample description : Picritic Basalt Pits, Samples

Qty. Received : 94 & 95 Nos

Sample Code : BRS 94/BTB/2025 & BRS 95/BTB/2025

Mode of Packing : Polythene cover

Test Parameters : Trace Elements

Date of Receipt of Sample : 29/07/2025

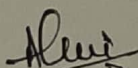
Date of Starting of Analysis : 12/08/2025

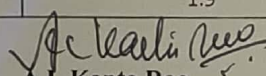
Date of completion of analysis : 16/08/2025

SAMPLE TESTED AS RECEIVED

TEST RESULTS

S.No	Test Parameters	Units	Reg No: LL/25-26/004958/94 Sample ID: BRS 94/BTB/2025	Reg No: LL/25-26/004958/95 Sample ID: BRS 95/BTB/2025
1	Antimony as Sb	ppm	7.9	3.7
2	Arsenic as As	ppm	47.7	4.8
3	Barium as Ba	ppm	366.5	374.4
4	Beryllium as Be	ppm	<1.0	<1.0
5	Bismuth as Bi	ppm	<0.5	<0.5
6	Cadmium as Cd	ppm	11.3	13.9
7	Chromium as Cr	ppm	431.4	382.6
8	Cobalt as Co	ppm	33.4	32.1
9	Copper as Cu	ppm	167.7	75.6
10	Gallium as Ga	ppm	16.3	20.7
11	Germanium as Ge	ppm	4.5	6.2
12	Hafnium as Hf	ppm	4.2	4.8
13	Indium as In	ppm	<1.0	<1.0
14	Lithium as Li	ppm	8.4	8.4
15	Molybdenum as Mo	ppm	61.4	<1.0
16	Nickel as Ni	ppm	270.5	244.8
17	Niobium as Nb	ppm	39850.0	90.5
18	Lead as Pb	ppm	<1.0	4.5
19	Scandium as Sc	ppm	29.1	28.7
20	Selenium as Se	ppm	<0.5	1.9


 Reviewed by


 A.L. Kanta Rao
 Authorized Signatory

TEST REPORT

ULR : TC591825000003086F

Issued to:

Critical Mineral Trackers

H No. 7-1-58/CC/406, 'Concourse', Opp. Lal Bungalow
Greenlands, Begumpet
Hyderabad - 500 016

Kind Attn.: Mr. K Nageswara Rao, 9032012955

Report No. : LL/25-26/004959

Issue Date : 16/08/2025

Customer Ref.: Test Request Form

Ref.Date : 29/07/2025

Sample Particulars : Picritic Basalt Pits, Samples

Sample description : Picritic Basalt Pits, Samples

Qty. Received : ~1Kg x 2Nos
Sample Code : BRS 94/BTB/2025 & BRS 95/BTB/2025
Mode of Packing : Polythene cover
Test Parameters : Trace Elements

Date of Receipt of Sample : 29/07/2025

Date of completion of analysis : 16/08/2025

Date of Starting of Analysis : 12/08/2025

SAMPLE TESTED AS RECEIVED

TEST RESULTS

S.No	Test Parameters	Units	Reg No:LL/25-26/004958/94 Sample ID: BRS 94/BTB/2025	Reg No:LL/25-26/004958/95 Sample ID: BRS 95/BTB/2025
21	Silver as Ag	ppm	1.0	0.9
22	Strontium as Sr	ppm	344.5	360.8
23	Tantalum as Ta	ppm	21.7	11.3
24	Tellurium as Te	ppm	<1.0	16.5
25	Thallium as Tl	ppm	42.1	12.1
26	Tin as Sn	ppm	<1.0	<1.0
27	Vanadium as V	ppm	210.4	216.3
28	Tungsten as W	ppm	15.1	20.5
29	Zin as Zn	ppm	213.1	195.3
30	Zirconium as Zr	ppm	99.3	1752.6

Test Method: SOP OM-12(Instrument Used: ICP-OES)

Note: The above results are expressed on dry basis.

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

Reviewed by

End of Report

A.L.Kanta Rao
A.L.Kanta Rao
Authorized Signatory