



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 : TC59182500003086F

LAB REGISTRATION NO: LL/25-26/004958(1 to 30)
Date. Of Receipt of Sample : 29.07.2025
Date. Of Starting of Analysis : 12.08.2025
Date. Of Completing of Analysis : 16.08.2025
Customer Ref: Test Request Form

S.No	Sample ID	Reg no	Sample Particulars : Picritic Basalt Pits														Molybdenum as Mo (ppm)
			Antimony Sb (ppm)	Arsenic as As (ppm)	Barium as Ba (ppm)	Beryllium as Be (ppm)	Bismuth as Bi (ppm)	Cadmium as Cd (ppm)	Chromium as Cr (ppm)	Cobalt as Co (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)	
1	P1/BTB/2025	4958/1	0.6	4.7	339.6	<1.0	<0.5	<0.5	468.0	31.2	131.2	25.2	4.1	2.1	<1.0	8.3	1.7
2	P2/BTB/2025	4958/2	<0.5	4.8	342.4	<1.0	<0.5	<0.5	374.3	32.0	133.1	25.6	3.0	2.3	<1.0	8.8	1.9
3	P3/BTB/2025	4958/3	<0.5	6.1	350.7	<1.0	<0.5	<0.5	433.4	29.9	142.4	27.1	2.7	2.2	<1.0	9.2	2.4
4	P4/BTB/2025	4958/4	<0.5	4.9	427.6	<1.0	<0.5	<0.5	122.2	23.0	157.4	27.6	5.5	3.3	<1.0	8.4	2.5
5	P5/BTB/2025	4958/5	<0.5	7.4	116.1	<1.0	<0.5	<0.5	269.8	18.2	77.3	15.6	4.0	<1.0	<1.0	5.7	1.8
6	P6/BTB/2025	4958/6	<0.5	10.1	229.7	<1.0	<0.5	<0.5	218.4	20.6	115.5	21.1	2.9	0.7	<1.0	11.2	2.0
7	P7/BTB/2025	4958/7	<0.5	5.8	458.4	<1.0	<0.5	<0.5	658.2	34.3	152.6	24.8	3.3	2.2	<1.0	7.8	2.1
8	P8/BTB/2025	4958/8	<0.5	4.2	243.1	<1.0	<0.5	<0.5	452.0	32.2	52.4	22.4	1.9	0.6	<1.0	7.8	0.8
9	P9/BTB/2025	4958/9	<0.5	3.2	136.4	<1.0	<0.5	<0.5	377.8	48.1	98.2	17.2	3.8	<1.0	<1.0	5.8	0.1
10	P10/BTB/2025	4958/10	<0.5	2.7	240.8	<1.0	<0.5	<0.5	691.5	43.7	100.2	21.4	2.3	0.6	<1.0	7.6	0.4
11	P11/BTB/2025	4958/11	<0.5	9.2	361.7	<1.0	<0.5	<0.5	399.1	34.8	128.3	23.3	2.3	2.0	<1.0	20.5	2.3
12	P12/BTB/2025	4958/12	<0.5	5.9	327.0	<1.0	<0.5	<0.5	446.5	40.0	102.4	21.4	4.7	1.0	<1.0	10.3	1.9
13	P13/BTB/2025	4958/13	<0.5	10.3	248.8	<1.0	<0.5	<0.5	507.7	64.1	129.2	22.1	2.1	<1.0	<1.0	10.1	4.6
14	P14/BTB/2025	4958/14	<0.5	2.8	70.6	<1.0	<0.5	<0.5	344.4	17.6	25.4	7.1	3.2	<1.0	<1.0	4.7	1.0
15	P15/BTB/2025	4958/15	<0.5	1.2	266.9	<1.0	<0.5	<0.5	606.2	37.6	111.1	22.8	3.3	0.4	<1.0	7.8	0.1
16	P16/BTB/2025	4958/16	<0.5	2.2	222.0	<1.0	<0.5	<0.5	1156.9	47.9	57.0	19.8	1.7	0.1	<1.0	6.4	<1.0
17	P17/BTB/2025	4958/17	<0.5	3.6	326.6	<1.0	<0.5	<0.5	539.7	33.6	145.6	26.9	3.3	<1.0	<1.0	6.0	1.1
18	P18/BTB/2025	4958/18	<0.5	3.7	424.3	<1.0	<0.5	<0.5	271.2	27.5	139.6	21.0	3.4	2.2	<1.0	12.0	0.4
19	P19/BTB/2025	4958/19	<0.5	2.9	40.8	<1.0	<0.5	<0.5	729.6	51.5	84.5	15.9	2.2	<1.0	<1.0	9.6	1.2
20	P20/BTB/2025	4958/20	3.7	3.5	5.9	<1.0	<0.5	<0.5	770.1	52.1	41.5	13.4	1.1	<1.0	<1.0	7.3	0.2
21	P21/BTB/2025	4958/21	<0.5	3.4	517.6	<1.0	<0.5	<0.5	340.3	24.3	72.2	20.5	2.8	2.0	<1.0	11.0	0.6
22	P22/BTB/2025	4958/22	<0.5	7.7	215.5	<1.0	<0.5	<0.5	656.5	30.8	72.5	19.9	2.1	<1.0	<1.0	23.0	<1.0
23	P23/BTB/2025	4958/23	<0.5	3.7	321.4	<1.0	<0.5	<0.5	735.5	38.4	127.6	23.8	2.7	1.4	<1.0	7.9	0.5
24	P24/BTB/2025	4958/24	<0.5	5.2	308.8	<1.0	<0.5	<0.5	715.8	39.3	144.1	25.0	1.9	1.6	<1.0	8.5	3.2
25	P25/BTB/2025	4958/25	<0.5	6.3	170.5	<1.0	<0.5	<0.5	564.7	27.7	65.7	17.3	2.8	<1.0	<1.0	19.5	0.1
26	P26/BTB/2025	4958/26	<0.5	3.8	365.6	<1.0	<0.5	<0.5	530.2	33.3	146.4	26.5	3.4	2.1	<1.0	12.0	1.6
27	P27/BTB/2025	4958/27	<0.5	5.2	236.2	<1.0	<0.5	<0.5	424.8	28.8	46.7	25.0	1.8	0.7	<1.0	7.1	1.9
28	P28/BTB/2025	4958/28	<0.5	3.0	318.5	<1.0	<0.5	<0.5	765.9	36.9	126.5	24.5	2.5	1.6	<1.0	8.7	1.0
29	P29/BTB/2025	4958/29	<0.5	3.7	477.0	<1.0	<0.5	<0.5	438.6	36.6	124.2	17.9	3.2	2.1	<1.0	15.8	1.7
30	P30/BTB/2025	4958/30	2.4	5.4	320.7	<1.0	<0.5	<0.5	852.7	39.3	128.2	24.6	1.8	1.4	<1.0	7.8	2.0
31	P31/BTB/2025	4958/31	9.9	7.1	196.7	<1.0	2.3	<0.5	1136.1	51.5	85.4	17.3	2.9	1.4	<1.0	5.1	10.7

Reviewed

A.L.Kanta Rao
AUTHORISED SIGNATORY



TC-5918
TEST RESULTS



Testing to the Core

ULR : TC591825000003086F

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Sample Particulars: Picritic Basalt Pits

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)
1	P1/BBT/2025	4958/1	297.2	1262.6	<1.0	291.0	1.4	<0.1	431.6	40.9	4.6	33.2	<1.0	218.8	<1.0	89.5	165.3
2	P2/BBT/2025	4958/2	405.4	1188.7	31.4	287.4	<0.5	<0.1	436.6	17.9	4.1	31.8	<1.0	237.5	<1.0	80.0	167.9
3	P3/BBT/2025	4958/3	315.3	1219.6	6.0	299.6	<0.5	<0.1	445.7	17.7	3.5	34.1	<1.0	274.5	27.8	88.7	172.7
4	P4/BBT/2025	4958/4	139.5	1395.9	720.9	316.9	<0.5	<0.1	386.8	19.1	5.2	40.4	<1.0	276.9	<1.0	92.2	193.8
5	P5/BBT/2025	4958/5	209.3	660.4	1.0	178.3	<0.5	<0.1	445.4	9.9	5.7	22.4	<1.0	125.7	<1.0	34.2	92.8
6	P6/BBT/2025	4958/6	160.0	933.8	2.6	250.1	<0.5	<0.1	301.1	13.5	2.5	28.1	<1.0	223.5	<1.0	57.5	123.4
7	P7/BBT/2025	4958/7	434.7	1097.1	<1.0	317.7	<0.5	<0.1	595.0	15.2	3.4	31.3	<1.0	234.9	<1.0	76.2	154.1
8	P8/BBT/2025	4958/8	223.5	838.5	<1.0	232.5	<0.5	<0.1	477.9	11.0	2.1	25.4	<1.0	154.6	<1.0	80.1	113.9
9	P9/BBT/2025	4958/9	511.3	536.2	3.7	178.8	<0.5	<0.1	406.1	8.6	1.1	15.6	<1.0	102.0	<1.0	59.1	76.6
10	P10/BBT/2025	4958/10	543.7	840.4	1.6	292.3	<0.5	<0.1	321.0	12.5	1.7	22.2	<1.0	164.9	<1.0	80.2	118.0
11	P11/BBT/2025	4958/11	346.3	1059.3	5.3	261.3	<0.5	<0.1	734.6	14.7	4.2	32.7	<1.0	215.5	<1.0	74.1	150.7
12	P12/BBT/2025	4958/12	449.8	796.4	<1.0	251.4	<0.5	<0.1	698.5	12.2	2.0	23.1	<1.0	154.7	<1.0	74.9	114.6
13	P13/BBT/2025	4958/13	598.0	661.0	<1.0	202.6	1.7	<0.1	251.3	11.2	2.3	19.1	<1.0	144.6	<1.0	75.3	93.0
14	P14/BBT/2025	4958/14	285.8	252.3	2.5	117.0	<0.5	<0.1	288.4	3.3	<0.5	12.5	<1.0	70.2	<1.0	17.7	32.7
15	P15/BBT/2025	4958/15	404.4	747.6	<1.0	328.0	<0.5	<0.1	354.2	12.6	1.6	20.0	<1.0	172.8	17.4	65.4	96.8
16	P16/BBT/2025	4958/16	653.5	788.4	<1.0	329.0	4.7	<0.1	268.0	12.4	1.4	21.8	<1.0	161.3	<1.0	65.7	103.5
17	P17/BBT/2025	4958/17	412.9	1207.6	3.7	273.7	<0.5	<0.1	404.6	15.6	4.0	32.5	<1.0	227.3	168.0	89.6	84.7
18	P18/BBT/2025	4958/18	260.3	1074.9	4.0	259.9	<0.5	<0.1	290.6	15.1	3.9	30.6	<1.0	200.4	3.9	71.0	155.9
19	P19/BBT/2025	4958/19	757.1	569.9	1.7	278.0	<0.5	<0.1	167.5	10.0	0.3	14.0	<1.0	104.5	<1.0	57.4	77.7
20	P20/BBT/2025	4958/20	751.8	455.9	<1.0	239.7	3.6	<0.1	197.6	7.9	0.7	13.2	<1.0	107.2	<1.0	47.5	59.9
21	P21/BBT/2025	4958/21	195.1	848.5	1.5	226.0	<0.5	<0.1	1020.4	10.2	0.3	23.3	<1.0	131.4	59.6	59.5	123.5
22	P22/BBT/2025	4958/22	383.8	771.9	4.2	249.0	<0.5	<0.1	622.5	11.0	1.2	22.3	19.9	155.9	<1.0	62.7	92.3
23	P23/BBT/2025	4958/23	468.1	1020.4	<1.0	307.6	10.4	<0.1	395.7	15.1	3.4	27.5	<1.0	196.2	<1.0	74.0	144.3
24	P24/BBT/2025	4958/24	497.2	1104.6	<1.0	323.8	8.7	<0.1	406.8	15.4	4.0	28.6	<1.0	239.9	<1.0	79.1	147.7
25	P25/BBT/2025	4958/25	371.5	684.3	2.5	217.9	5.4	<0.1	546.2	8.2	2.3	18.9	<1.0	134.6	<1.0	52.5	77.8
26	P26/BBT/2025	4958/26	351.9	1164.8	<1.0	309.3	<0.5	<0.1	433.0	15.7	3.6	31.8	<1.0	218.7	4.0	78.2	165.7
27	P27/BBT/2025	4958/27	179.1	1004.9	<1.0	260.7	<0.5	<0.1	377.9	13.3	2.0	27.1	<1.0	209.3	<1.0	71.5	124.2
28	P28/BBT/2025	4958/28	425.2	1053.2	<1.0	312.2	4.5	<0.1	390.3	14.8	2.9	27.6	<1.0	188.8	<1.0	72.6	147.2
29	P29/BBT/2025	4958/29	561.9	1000.1	<1.0	313.2	<0.5	<0.1	435.4	13.0	1.9	26.0	<1.0	198.5	<1.0	79.5	140.7
30	P30/BBT/2025	4958/30	468.4	1051.4	<1.0	314.6	7.3	<0.1	435.9	15.9	3.4	27.0	<1.0	203.6	<1.0	79.6	146.9
31	P31/BBT/2025	4958/31	746.9	666.1	1.5	26.7	<0.5	<0.1	217.0	12.2	16.4	<0.5	37.0	166.5	2.5	63.0	100.2

A.L. Kanta Rao
Reviewed

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AUTHORISED SIGNATORY

Lucid Laboratories Pvt. Ltd.

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TC-5918
TEST RESULTS

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32	P32/BB/2025	4958/32	3.7	11.2	212.2	<1.0	1.1	<0.5	484.1	16.6	37.0	10.9	1.4	1.3	<1.0	22.7	9.9
33	P33/BB/2025	4958/33	<0.5	8.6	120.4	<1.0	<0.5	<0.5	150.6	8.1	20.3	7.3	<1.0	0.6	<1.0	13.2	9.1
34	P34/BB/2025	4958/34	<0.5	8.9	124.5	<1.0	<0.5	<0.5	144.3	9.7	20.3	7.9	2.1	0.6	<1.0	13.2	7.0
35	P35/BB/2025	4958/35	1.7	7.5	417.7	<1.0	1.1	0.5	164.0	20.2	65.2	23.9	4.6	3.8	<1.0	8.1	54.6
36	P36/BB/2025	4958/36	1.3	6.6	184.9	<1.0	1.0	<0.5	396.4	14.9	34.1	9.2	2.7	1.0	<1.0	15.5	5.1
37	P37/BB/2025	4958/37	<0.5	6.6	106.3	<1.0	<0.5	<0.5	250.4	12.1	24.0	6.4	1.9	0.4	<1.0	9.8	10.0
38	P38/BB/2025	4958/38	3.6	5.8	58.5	<1.0	1.4	<0.5	546.8	37.5	50.0	8.8	1.2	0.6	<1.0	17.6	3.3
39	P39/BB/2025	4958/39	5.7	7.6	338.8	<1.0	0.6	<0.5	604.5	29.1	98.9	19.1	2.5	3.8	<1.0	15.2	3.4
40	P40/BB/2025	4958/40	4.7	6.2	234.5	<1.0	0.9	<0.5	406.9	32.8	111.2	19.9	2.4	2.5	<1.0	24.1	2.3
41	P41/BB/2025	4958/41	1.4	4.2	122.1	<1.0	<0.5	<0.5	266.7	18.7	45.2	11.3	1.6	1.0	<1.0	8.9	<1.0
42	P42/BB/2025	4958/42	4.0	5.2	157.4	<1.0	2.0	<0.5	474.6	41.4	131.0	18.9	4.5	1.8	<1.0	8.9	1.7
43	P43/BB/2025	4958/43	3.3	7.6	323.1	<1.0	1.4	<0.5	473.3	32.9	120.9	21.2	3.5	2.7	<1.0	6.7	18.8
44	P44/BB/2025	4958/44	6.4	6.3	140.3	<1.0	0.6	<0.5	741.2	59.3	79.3	15.3	1.2	1.0	<1.0	6.1	6.3
45	P45/BB/2025	4958/45	4.1	4.8	386.6	<1.0	0.5	0.5	130.7	22.6	62.6	24.3	5.9	4.0	<1.0	9.7	2.4
46	P46/BB/2025	4958/46	4.1	4.7	138.2	<1.0	1.4	<0.5	500.4	36.6	102.3	16.6	2.7	1.6	<1.0	7.5	<1.0
47	P47/BB/2025	4958/47	6.4	4.4	107.8	<1.0	0.8	<0.5	823.0	33.8	126.8	20.1	2.3	1.7	<1.0	4.7	16.5
48	P48/BB/2025	4958/48	7.2	4.0	226.7	<1.0	0.9	0.5	813.5	37.1	86.4	19.1	3.0	1.6	<1.0	5.9	1.6
49	P49/BB/2025	4958/49	5.0	3.9	294.3	<1.0	1.4	<0.5	506.3	30.2	78.3	20.5	5.1	2.8	<1.0	10.2	1.7
50	P50/BB/2025	4958/50	6.0	4.4	278.4	<1.0	0.9	<0.5	522.1	34.9	117.7	19.4	4.1	2.1	<1.0	6.6	2.5
51	P51/BB/2025	4958/51	5.0	4.8	341.2	<1.0	1.5	<0.5	457.1	32.7	115.6	20.1	1.8	2.4	<1.0	6.0	4.3
52	P52/BB/2025	4958/52	7.1	4.3	390.4	<1.0	1.5	0.5	391.9	30.0	103.3	18.4	4.6	2.4	<1.0	6.0	4.3
53	P53/BB/2025	4958/53	3.8	4.9	411.3	<1.0	1.7	<0.5	478.2	42.9	80.6	18.8	3.2	2.5	<1.0	11.1	1.7
54	P54/BB/2025	4958/54	12.5	4.6	120.0	<1.0	1.1	0.5	576.6	53.0	86.9	17.6	2.0	1.3	<1.0	12.3	<1.0
55	P55/BB/2025	4958/55	4.9	4.8	180.4	<1.0	0.8	0.5	535.9	57.2	130.2	18.6	1.8	1.4	<1.0	10.6	1.0
56	P56/BB/2025	4958/56	6.4	5.6	169.3	<1.0	1.2	<0.5	557.4	48.3	148.4	18.3	4.0	1.4	<1.0	10.6	<1.0
57	P57/BB/2025	4958/57	6.0	4.6	97.3	<1.0	1.5	<0.5	680.7	50.2	64.9	14.3	1.7	0.9	<1.0	6.2	1.7
58	P58/BB/2025	4958/58	7.5	5.0	117.2	<1.0	1.4	<0.5	771.5	75.5	99.0	15.5	2.4	0.2	<1.0	6.8	3.0
59	P59/BB/2025	4958/59	11.6	6.0	158.8	<1.0	1.1	<0.5	609.1	53.4	81.9	15.8	3.0	1.2	<1.0	6.6	2.1
60	P60/BB/2025	4958/60	4.4	6.5	280.1	<1.0	1.6	<0.5	387.0	36.8	144.7	19.6	5.3	2.7	<1.0	10.7	9.4
61	P61/BB/2025	4958/61	<0.5	8.6	166.1	<1.0	<0.5	<0.5	424.3	15.6	46.9	13.4	<1.0	2.2	<1.0	11.9	<1.0
62	P62/BB/2025	4958/62	4.6	5.0	279.1	<1.0	<0.5	<0.5	645.7	55.8	60.0	17.3	<1.0	10.0	<1.0	4.5	1.2

Reviewed
Reviewed

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

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





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 : TC591825000003086F

LAB REGISTRATION NO: LL/25-26/004958(1 to 30)
Date. Of Receipt of Sample : 29.07.2025
Date. Of Starting of Analysis : 12.08.2025
Date. Of Completing of Analysis : 16.08.2025
Customer Ref: Test Request Form

Kind Attn: Mr.K.Mahender Reddy, 9032012955			Sample Particulars :Picritic Basalt Pits										Date: Of Starting of Analysis : 12.08.2025 Date: Of Completing of Analysis : 16.08.2025 Customer Ref: Test Request Form					
S.No	Sample ID	Reg no	Nickel as Ni	Niobium as Nb	Lead as Pb	Scandium as Sc	Selenium as Se	Silver as Ag	Strontium as Sr	Tantalum as Ta	Tellurium as Te	Thallium as Tl	Tin as Sn	Vanadium as V	Tungsten as W	Zinc as Zn	Zirconium as Zr	
			(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
32	P32/BB/2025	4958/32	164.8	410.1	3.2	18.4	<0.5	<0.1	531.8	531.8	531.8	531.8	1.8	131.6	1.6	56.7	24.3	
33	P33/BB/2025	4958/33	87.2	254.8	3.8	8.9	<0.5	<0.1	719.3	719.3	719.3	719.3	<1.0	84.6	1.3	36.6	10.4	
34	P34/BB/2025	4958/34	88.1	259.3	2.6	9.0	<0.5	<0.1	738.9	738.9	738.9	738.9	<1.0	89.1	<1.0	37.7	8.5	
35	P35/BB/2025	4958/35	93.1	1084.3	1.4	27.1	<0.5	<0.1	525.9	525.9	525.9	525.9	3.2	240.7	1.8	154.1	77.1	
36	P36/BB/2025	4958/36	150.0	360.5	1.7	14.7	<0.5	<0.1	1176.5	1176.5	1176.5	1176.5	<1.0	151.1	14.3	52.8	15.3	
37	P37/BB/2025	4958/37	140.9	251.6	1.0	10.8	<0.5	<0.1	1671.9	1671.9	1671.9	1671.9	<1.0	94.9	<1.0	34.1	10.4	
38	P38/BB/2025	4958/38	530.8	386.4	<1.0	19.1	<0.5	<0.1	933.1	933.1	933.1	933.1	<1.0	73.8	<1.0	56.6	32.8	
39	P39/BB/2025	4958/39	266.3	857.3	2.5	31.6	0.9	<0.1	405.8	405.8	405.8	405.8	<1.0	200.8	8.7	178.0	62.7	
40	P40/BB/2025	4958/40	315.3	921.7	1.1	27.4	2.0	<0.1	367.3	367.3	367.3	367.3	10.4	216.7	<1.0	131.8	66.2	
41	P41/BB/2025	4958/41	202.9	517.7	1.1	13.7	<0.5	<0.1	406.7	406.7	406.7	406.7	<1.0	102.5	<1.0	67.8	25.8	
42	P42/BB/2025	4958/42	417.4	771.6	1.0	27.9	<0.5	<0.1	497.3	497.3	497.3	497.3	3.1	159.2	12.5	113.8	73.2	
43	P43/BB/2025	4958/43	313.5	984.5	1.6	28.9	<0.5	<0.1	365.0	365.0	365.0	365.0	53.0	217.2	<1.0	138.8	68.4	
44	P44/BB/2025	4958/44	667.2	542.3	<1.0	20.0	<0.5	<0.1	173.6	173.6	173.6	173.6	<1.0	128.1	<1.0	76.8	56.6	
45	P45/BB/2025	4958/45	121.0	1186.6	2.8	26.3	<0.5	<0.1	375.1	375.1	375.1	375.1	1.7	226.4	<1.0	178.7	72.1	
46	P46/BB/2025	4958/46	420.0	783.6	1.8	22.5	<0.5	<0.1	210.2	210.2	210.2	210.2	20.7	120.2	<1.0	103.4	59.1	
47	P47/BB/2025	4958/47	435.5	878.4	1.3	25.4	0.9	<0.1	236.9	236.9	236.9	236.9	<1.0	100.3	1.2	118.4	62.7	
48	P48/BB/2025	4958/48	393.2	767.9	1.6	31.5	<0.5	<0.1	289.2	289.2	289.2	289.2	<1.0	183.1	23.0	103.1	56.0	
49	P49/BB/2025	4958/49	262.7	955.2	<1.0	32.8	<0.5	<0.1	426.5	426.5	426.5	426.5	8.4	218.4	<1.0	139.0	65.8	
50	P50/BB/2025	4958/50	355.9	837.0	<1.0	30.2	<0.5	<0.1	329.5	329.5	329.5	329.5	<1.0	203.7	<1.0	119.5	59.2	
51	P51/BB/2025	4958/51	320.9	834.3	1.9	30.1	<0.5	<0.1	368.8	368.8	368.8	368.8	<1.0	176.6	<1.0	123.8	77.1	
52	P52/BB/2025	4958/52	303.7	711.8	3.7	25.8	<0.5	<0.1	325.0	325.0	325.0	325.0	<1.0	182.5	<1.0	106.1	74.8	
53	P53/BB/2025	4958/53	407.6	707.3	<1.0	25.9	<0.5	<0.1	455.4	455.4	455.4	455.4	<1.0	143.4	<1.0	105.3	55.6	
54	P54/BB/2025	4958/54	740.7	693.8	1.0	29.9	<0.5	<0.1	331.1	331.1	331.1	331.1	22.5	88.7	1.7	100.0	61.8	
55	P55/BB/2025	4958/55	660.4	634.1	1.2	22.1	<0.5	<0.1	438.6	438.6	438.6	438.6	<1.0	126.2	<1.0	89.6	62.0	
56	P56/BB/2025	4958/56	602.8	707.8	<1.0	23.0	<0.5	<0.1	436.7	436.7	436.7	436.7	<1.0	135.9	<1.0	97.1	63.0	
57	P57/BB/2025	4958/57	641.0	525.2	<1.0	21.9	<0.5	<0.1	158.8	158.8	158.8	158.8	1.1	124.0	<1.0	75.9	62.6	
58	P58/BB/2025	4958/58	919.6	351.0	<1.0	17.7	<0.5	<0.1	137.7	137.7	137.7	137.7	<1.0	111.9	<1.0	53.0	62.7	
59	P59/BB/2025	4958/59	732.5	553.5	4.5	23.2	<0.5	<0.1	220.4	220.4	220.4	220.4	<1.0	129.5	<1.0	87.2	97.8	
60	P60/BB/2025	4958/60	309.5	842.9	1.6	26.6	<0.5	<0.1	315.6	315.6	315.6	315.6	<1.0	163.3	1.0	139.0	64.2	
61	P61/BB/2025	4958/61	175.1	670.8	3.5	23.1	<0.5	<0.1	1089.5	6.7	9.2	11.9	<1.0	140.4	1.5	48.2	103.0	
62	P62/BB/2025	4958/62	647.2	602.8	5.8	27.9	<0.5	1.6	253.6	11.5	11.7	9.9	<1.0	146.5	4.5	152.2	277.2	

Reviewed

A.L.Kanta Rao
AUTHORISED SIGNATORY



TEST RESULTS



Testing to the Core

ULR : TC59182500003086F

Issued to:

Critical Mineral Trackers
A.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/25-26/004958(1 to 30)

Date. Of Receipt of Sample : 29.07.2025

Date. Of Starting of Analysis : 12.08.2025

Date. Of Completing of Analysis : 16.08.2025

Customer Ref: Test Request Form

Sample Particulars: Picritic Basalt Pits

Sample Particulars :Picritic Basalt Pits										Customer Ref: Test Request Form							
Kind Attn: Mr.K.Mahender Reddy, 7052012793	Reg no	Antimony as Sb (ppm)	Arsenic as As (ppm)	Barium as Ba (ppm)	Beryllium as Be (ppm)	Bismuth as BI (ppm)	Cadmium as Cd (ppm)	Chromium as Cr (ppm)	Cobalt as Co (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)	
63	P63/BBT/2025	4958/63	3.7	4.3	261.6	<1.0	<0.5	<0.5	532.9	52.1	71.2	15.9	<1.0	2.2	<1.0	4.1	1.7
64	P64/BBT/2025	4958/64	7.3	110.9	186.5	<1.0	1.7	12.1	825.8	71.9	64.5	13.3	<1.0	1.3	<1.0	4.5	<1.0
65	P65/BBT/2025	4958/65	7.8	135.3	197.8	<1.0	<0.5	16.3	853.4	81.5	65.2	14.2	<1.0	1.5	<1.0	4.8	<1.0
66	P66/BBT/2025	4958/66	9.9	44.8	194.9	<1.0	1.4	17.5	966.9	77.6	68.8	14.7	<1.0	1.8	<1.0	4.9	<1.0
67	P67/BBT/2025	4958/67	6.3	119.2	117.0	<1.0	<0.5	13.0	759.6	51.2	13.6	<1.0	1.3	<1.0	15.7	<1.0	
68	P68/BBT/2025	4958/68	7.6	4.6	121.4	<1.0	<0.5	<0.5	728.7	76.2	69.1	12.8	<1.0	0.9	<1.0	7.3	1.5
69	P69/BBT/2025	4958/69	11.6	8.9	145.8	<1.0	<0.5	<0.5	1218.7	68.1	76.4	14.5	<1.0	1.2	<1.0	4.4	3.6
70	P70/BBT/2025	4958/70	9.1	6.9	148.0	<1.0	<0.5	<0.5	1162.4	74.8	88.4	14.7	<1.0	1.4	<1.0	4.5	2.9
71	P71/BBT/2025	4958/71	11.2	59.4	186.9	<1.0	<0.5	12.9	1282.1	50.9	80.1	18.0	2.7	1.9	<1.0	4.8	<1.0
72	P72/BBT/2025	4958/72	10.5	120.5	178.7	<1.0	<0.5	14.9	991.9	47.3	80.3	15.9	<1.0	2.0	<1.0	5.2	<1.0
73	P73/BBT/2025	4958/73	6.9	7.2	200.0	<1.0	<0.5	<0.5	810.4	44.1	78.9	17.8	1.1	2.7	<1.0	5.2	1.6
74	P74/BBT/2025	4958/74	7.3	6.0	93.4	<1.0	<0.5	14.2	776.6	39.9	73.2	15.9	1.6	2.0	<1.0	4.7	<1.0
75	P75/BBT/2025	4958/75	6.9	5.3	144.8	2.9	<0.5	<0.5	968.5	59.9	78.8	16.0	2.5	1.6	<1.0	314.4	1.4
76	P76/BBT/2025	4958/76	5.6	7.5	167.3	<1.0	<0.5	<0.5	842.3	60.5	83.8	16.4	4.1	2.2	<1.0	5.1	1.8
77	P77/BBT/2025	4958/77	2.7	90.2	107.0	<1.0	<0.5	10.0	369.6	23.3	57.3	13.4	3.5	1.6	<1.0	11.2	<1.0
78	P78/BBT/2025	4958/78	9.7	19.1	278.6	<1.0	3.5	14.8	757.3	39.7	111.1	19.5	<1.0	3.1	<1.0	4.8	<1.0
79	P79/BBT/2025	4958/79	2.8	4.8	241.2	<1.0	0.5	<0.5	787.3	46.7	94.3	17.1	<1.0	3.3	<1.0	4.8	<1.0
80	P80/BBT/2025	4958/80	5.3	4.6	242.5	<1.0	<0.5	<0.5	791.5	45.6	95.2	16.6	1.3	2.1	<1.0	4.8	2.7
81	P81/BBT/2025	4958/81	3.5	8.7	180.8	<1.0	<0.5	<0.5	591.3	50.5	91.8	18.1	<1.0	2.2	<1.0	3.8	2.2
82	P82/BBT/2025	4958/82	8.3	6.8	305.5	<1.0	3.2	<0.5	466.4	31.6	95.0	21.1	1.8	3.9	<1.0	8.8	2.9
83	P83/BBT/2025	4958/83	6.3	10.3	180.1	<1.0	<0.5	<0.5	515.1	43.1	36.0	20.1	2.6	2.1	<1.0	6.9	5.2
84	P84/BBT/2025	4958/84	5.2	9.3	215.7	<1.0	<0.5	<0.5	254.0	34.7	193.9	20.3	<1.0	1.3	<1.0	4.1	3.6
85	P85/BBT/2025	4958/85	10.2	109.8	228.7	<1.0	<0.5	<0.5	706.3	29.5	70.0	15.9	<1.0	2.2	<1.0	17.5	<1.0
86	P86/BBT/2025	4958/86	6.5	12.6	261.7	<1.0	<0.5	<0.5	918.0	81.0	61.9	13.2	<1.0	0.8	<1.0	32.0	<1.0
87	P87/BBT/2025	4958/87	8.6	29.3	95.9	<1.0	<0.5	13.0	909.1	91.0	51.7	13.3	<1.0	1.0	<1.0	7.1	<1.0
88	P88/BBT/2025	4958/88	10.0	37.5	115.0	<1.0	<0.5	13.8	640.8	37.7	63.2	18.7	<1.0	3.9	<1.0	6.5	<1.0
89	P89/BBT/2025	4958/89	8.5	49.2	420.7	<1.0	2.0	14.1	605.3	27.1	48.6	16.6	<1.0	2.5	<1.0	17.5	<1.0
90	P90/BBT/2025	4958/90	4.4	34.2	226.3	<1.0	<0.5	15.7	804.9	65.5	77.2	16.0	<1.0	1.3	<1.0	7.4	<1.0
91	P91/BBT/2025	4958/91	5.8	136.0	87.0	<1.0	0.6	16.0	758.4	74.3	69.5	12.5	<1.0	1.2	<1.0	4.2	<1.0
92	P92/BBT/2025	4958/92	5.9	4.3	156.9	<1.0	0.8	14.6	936.2	65.7	102.3	16.1	<1.0	2.0	<1.0	10.9	<1.0
93	P93/BBT/2025	4958/93	8.8	13.0	185.2	<1.0	0.5	16.2									

Dr. Leela Rao

Test Method: SOP OM-8 and SOP-OM-1, Instrument Used: ICP-OES

Note 1: The above results are expressed on dry basis

Reviewed

A.L.Kanta Rao
AUTHORISED SIGNATORY

Page 5 of 6

Lucid Laboratories Pvt. Ltd.

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



Scanned with OKEN Scanner



ULR : TC59182500003086F

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/25-26/004958(1 to 30)

Date. Of Receipt of Sample : 29.07.2025

Date. Of Starting of Analysis : 12.08.2025

Date. Of Completing of Analysis : 16.08.2025

Customer Ref: Test Request Form

Sample Particulars : Picritic Basalt Pits

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)
63	P63/BBT/2025	4958/63	645.6	667.9	3.9	28.2	<0.5	1.5	278.2	11.1	12.7	8.2	1.4	117.0	1.6	113.6	90.7
64	P64/BBT/2025	4958/64	989.4	444.7	3.3	20.0	<0.5	0.7	183.4	11.3	11.6	1.1	<1.0	117.8	1.5	78.3	93.3
65	P65/BBT/2025	4958/65	1025.4	437.4	1.3	21.0	<0.5	0.5	195.8	11.3	10.1	2.9	<1.0	113.5	2.0	77.0	84.4
66	P66/BBT/2025	4958/66	1024.6	455.6	2.4	20.4	<0.5	0.8	180.3	8.1	10.8	2.6	<1.0	112.2	0.6	84.2	89.9
67	P67/BBT/2025	4958/67	392.6	612.5	4.2	21.8	<0.5	1.2	529.8	8.6	8.7	7.9	<1.0	144.4	2.8	91.1	62.7
68	P68/BBT/2025	4958/68	933.4	415.2	1.6	20.3	<0.5	0.6	250.5	7.1	11.4	4.7	<1.0	103.2	3.0	70.6	65.8
69	P69/BBT/2025	4958/69	989.3	573.8	15.2	23.8	<0.5	2.0	181.7	10.3	13.1	7.4	<1.0	115.6	3.0	99.5	107.1
70	P70/BBT/2025	4958/70	1073.5	493.8	1.7	21.9	<0.5	0.4	159.8	12.1	12.3	5.5	<1.0	94.3	1.7	88.3	95.7
71	P71/BBT/2025	4958/71	676.8	794.9	1.5	30.6	<0.5	0.5	269.1	15.3	16.2	8.6	<1.0	159.8	2.2	133.4	72.7
72	P72/BBT/2025	4958/72	633.0	738.7	2.4	29.5	<0.5	0.6	159.8	7.9	16.2	8.0	<1.0	149.8	2.5	123.4	99.2
73	P73/BBT/2025	4958/73	563.1	883.0	1.5	31.5	<0.5	0.6	273.4	10.2	16.1	8.5	<1.0	169.3	3.5	149.2	75.5
74	P74/BBT/2025	4958/74	417.3	674.6	1.5	28.6	<0.5	0.6	398.1	8.3	13.5	6.7	<1.0	119.2	2.2	104.3	65.6
75	P75/BBT/2025	4958/75	857.1	575.9	<1.0	25.4	<0.5	0.5	217.5	10.2	14.0	6.7	<1.0	128.2	2.5	107.6	82.0
76	P76/BBT/2025	4958/76	830.5	707.4	4.1	27.6	<0.5	0.5	255.7	10.3	15.2	4.1	<1.0	155.8	2.3	121.5	84.4
77	P77/BBT/2025	4958/77	283.2	601.9	4.4	16.7	1.7	0.4	671.2	5.9	10.5	4.1	<1.0	115.9	1.4	88.3	45.4
78	P78/BBT/2025	4958/78	432.1	945.6	2.6	33.1	1.3	0.8	329.6	16.0	16.1	12.6	<1.0	208.7	2.5	154.3	95.4
79	P79/BBT/2025	4958/79	526.7	754.2	3.1	29.7	1.3	298.1	278.3	9.7	15.6	11.1	<1.0	162.5	2.2	126.2	77.9
80	P80/BBT/2025	4958/80	530.3	643.1	2.4	30.3	<0.5	299.2	281.7	8.4	16.6	10.7	<1.0	163.2	2.6	97.0	78.7
81	P81/BBT/2025	4958/81	501.1	787.0	4.3	25.6	<0.5	0.7	302.8	15.2	14.9	13.9	<1.0	159.9	2.7	115.9	84.8
82	P82/BBT/2025	4958/82	300.4	1024.3	8.5	30.3	<0.5	0.5	425.9	12.2	17.9	13.1	<1.0	190.2	3.5	178.4	167.7
83	P83/BBT/2025	4958/83	251.7	747.3	34.6	22.2	<0.5	0.5	320.5	11.5	16.0	12.2	<1.0	153.8	3.7	121.1	179.2
84	P84/BBT/2025	4958/84	179.3	497.7	5.9	34.5	1.5	0.8	362.8	9.6	13.2	2.8	<1.0	246.3	7.9	62.1	87.4
85	P85/BBT/2025	4958/85	776.8	856.9	1.5	32.7	<0.5	0.9	445.2	12.2	16.4	10.9	<1.0	130.3	2.1	138.5	93.5
86	P86/BBT/2025	4958/86	415.3	681.7	4.7	26.7	<0.5	0.8	758.7	9.0	13.4	8.9	<1.0	173.1	2.5	105.3	62.5
87	P87/BBT/2025	4958/87	1025.3	418.4	2.3	19.3	<0.5	0.7	207.5	11.4	11.8	4.0	<1.0	112.0	1.3	70.0	68.9
88	P88/BBT/2025	4958/88	1116.3	313.2	<1.0	16.6	<0.5	0.4	207.2	8.4	9.7	0.6	<1.0	96.6	1.6	54.4	65.0
89	P89/BBT/2025	4958/89	467.6	943.0	1.3	31.3	1.0	11.6	232.9	10.7	16.9	15.0	<1.0	117.2	2.3	138.2	66.3
90	P90/BBT/2025	4958/90	290.2	732.3	4.9	25.9	<0.5	0.4	583.6	10.0	12.0	11.2	<1.0	191.2	2.1	113.1	58.9
91	P91/BBT/2025	4958/91	873.0	633.2	2.4	20.9	<0.5	0.5	163.3	9.3	14.3	9.1	<1.0	128.7	3.0	102.1	79.6
92	P92/BBT/2025	4958/92	805.5	430.4	1.5	18.1	<0.5	0.4	383.3	8.1	11.7	4.4	<1.0	122.0	3.4	75.4	74.0
93	P93/BBT/2025	4958/93	866.1	741.9	1.4	26.3	<0.5	0.8	284.3	13.9	15.0	7.6	<1.0	162.2	3.2	123.3	91.2

Test Method: SOP OM-8 and SOP-OM-1, Instrument Used: ICP-OES

Note 1: The above results are expressed on dry basis

Reviewed

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