

Customer Name	Maheshwari Mining Pvt Limited -Odisha 00 Kaliapani Main Road, Kaliapani-755047
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Discipline & Group Chemical & Ores and Minerals.
Customer Ref. MMPL/SHIVA/2024/WO-2
Commodity Geological Rock Powders
Lab ID G1698
Sample Receipt Date 20-Jun-25
Analysis Completion Date 24-Jun-25
Date of Reporting 24-Jun-25
Sample Count 10

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	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)	ppm(mg/kg)
			LOQ	0.5	0.5	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	Li	Be	B	Sc	Co	Ga	Ge	Se	Rb	Y	Nb	Mo	Cd	In	Sn	Sb	Te	Cs	La	Ce	
1	OREAS-231	CRM	Cert.	11.1	N.A	N.A	42.2	44.7	15.9	N.A	N.A	8.1	20.7	3.5	0.9	N.A	N.A	N.A	0.7	N.A	0.6	4.5	11.0	
2	DN/Z1/NGB/S1	Powder	G1698-1	<0.5	<0.5	<5	10.8	25.7	12.3	<0.5	1.1	130.4	19.9	20.9	<0.5	<0.5	<0.5	3.8	<0.5	<0.5	0.5	75.6	150.8	
3	DN/Z3/NGB/S2	Powder	G1698-2	12.8	0.6	<5	<0.5	3.2	19.3	<0.5	1.5	134.9	4.6	4.5	<0.5	<0.5	<0.5	7.9	<0.5	0.5	<0.5	23.2	48.8	
4	DN/Z4/NGB/S3	Powder	G1698-3	<0.5	<0.5	<5	8.2	31.3	15.3	<0.5	1.0	191.4	26.2	10.2	<0.5	1.0	<0.5	1.3	<0.5	<0.5	<0.5	122.1	251.1	
5	DN/Z4/NGB/S4	Powder	G1698-4	18.5	1.0	<5	<0.5	5.7	23.0	<0.5	0.7	118.6	15.0	12.3	<0.5	<0.5	<0.5	6.0	<0.5	<0.5	<0.5	82.7	164.6	
6	DN/Z2/NGB/S5	Powder	G1698-5	<0.5	<0.5	<5	10.3	20.9	14.1	<0.5	1.0	186.0	19.8	16.4	<0.5	0.7	<0.5	2.0	<0.5	<0.5	<0.5	84.9	167.3	
7	DN/Z1/T3/GBS1	Powder	G1698-6	<0.5	1.5	<5	7.5	21.8	11.9	<0.5	5.8	57.2	18.3	1.7	8.4	<0.5	<0.5	4.0	0.6	<0.5	<0.5	90.3	168.4	
8	DN/Z1/T3/GBS2	Powder	G1698-7	<0.5	<0.5	<5	7.2	32.5	9.5	<0.5	7.1	42.2	18.9	2.6	16.8	<0.5	<0.5	1.3	<0.5	0.6	<0.5	58.9	120.3	
9	DN/Z4/T4/GBS3	Powder	G1698-8	<0.5	<0.5	<5	5.1	18.4	12.4	<0.5	3.2	63.9	19.8	6.3	3.7	<0.5	<0.5	4.6	<0.5	0.8	<0.5	58.4	122.8	
10	DN/Z4/T4/GBS4	Powder	G1698-9	<0.5	<0.5	<5	5.2	15.7	11.6	<0.5	2.4	119.7	15.5	8.7	1.0	<0.5	<0.5	5.6	<0.5	<0.5	<0.5	70.3	140.9	
11	DN/Z1/T1/GBS5	Powder	G1698-10	1.5	1.2	<5	13.9	20.7	14.5	<0.5	2.2	53.2	21.0	6.7	<0.5	<0.5	<0.5	2.5	0.6	<0.5	0.5	54.5	119.3	
12	DN/Z1/T1/GBS5	Powder	G1698-10	1.3	1.1	<5	13.7	21.0	14.5	<0.5	2.4	53.3	21.2	6.5	<0.5	<0.5	<0.5	2.3	0.6	<0.5	0.5	54.8	117.2	
13	OREAS-231	CRM	Meas.	11.1	-	-	41.8	44.9	16.0	-	-	8.0	20.5	3.9	0.8	-	-	-	0.6	-	0.5	4.1	11.1	

Abbreviations

LOQ-- Limit Of Quantification

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

OREAS-231-- Ore Research and Exploration

CRM--Certified Reference Material.

Cert.--Certified.

Meas.--Measured.

Prepared by:

Verified by:

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			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)
			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
			Lab ID	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Ta	W	Tl	Bi	Th	U
1	OREAS-231	CRM	Cert.	1.7	8.0	2.5	0.9	3.2	0.6	3.7	0.8	2.4	N.A	2.2	N.A	1.6	N.A	15.2	N.A	N.A	0.7	N.A
2	DN/Z1/NGB/S1	Powder	G1698-1	16.4	61.8	8.8	2.2	7.6	0.9	4.2	0.8	2.3	<0.5	2.2	<0.5	1.8	1.5	<0.5	<0.5	<0.5	25.4	0.9
3	DN/Z3/NGB/S2	Powder	G1698-2	5.1	17.3	3.0	0.8	2.6	<0.5	0.8	<0.5	<0.5	<0.5	<0.5	2.8	0.7	0.9	<0.5	<0.5	<0.5	2.2	<0.5
4	DN/Z4/NGB/S3	Powder	G1698-3	25.1	88.9	14.0	2.2	11.6	1.1	4.6	0.9	2.9	<0.5	2.8	<0.5	1.0	0.6	<0.5	<0.5	<0.5	40.0	1.5
5	DN/Z4/NGB/S4	Powder	G1698-4	17.1	58.7	9.4	1.2	7.7	0.7	2.8	0.5	1.7	<0.5	1.5	<0.5	6.3	0.8	5.6	<0.5	<0.5	41.8	1.1
6	DN/Z2/NGB/S5	Powder	G1698-5	16.4	59.8	9.9	2.4	7.7	0.8	3.9	0.8	2.4	<0.5	2.2	<0.5	1.6	1.0	<0.5	<0.5	<0.5	30.1	1.0
7	DN/Z1/T3/GBS1	Powder	G1698-6	18.9	69.5	12.2	1.6	11.5	1.1	3.9	0.6	1.9	<0.5	1.8	<0.5	0.7	<0.5	<0.5	<0.5	0.5	27.2	2.0
8	DN/Z1/T3/GBS2	Powder	G1698-7	12.9	49.5	8.8	1.1	8.5	0.9	3.4	0.7	1.9	<0.5	2.0	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	22.2	1.3
9	DN/Z4/T4/GBS3	Powder	G1698-8	14.4	55.1	8.7	1.6	8.0	0.9	3.6	0.6	1.9	<0.5	1.7	<0.5	3.2	<0.5	0.7	<0.5	<0.5	24.3	3.8
10	DN/Z4/T4/GBS4	Powder	G1698-9	15.3	57.2	8.9	2.2	7.7	0.7	3.1	0.6	1.7	<0.5	1.5	<0.5	3.1	<0.5	0.9	<0.5	<0.5	25.2	3.8
11	DN/Z1/T1/GBS5	Powder	G1698-10	12.8	47.3	8.8	1.1	7.8	0.9	4.2	0.8	2.4	<0.5	2.0	<0.5	1.6	<0.5	<0.5	<0.5	<0.5	25.8	2.0
12	DN/Z1/T1/GBS5	Powder	G1698-10	12.6	47.0	8.1	1.0	7.7	0.9	4.2	0.8	2.2	<0.5	2.0	<0.5	1.5	<0.5	<0.5	<0.5	<0.5	25.9	2.4
13	OREAS-231	CRM	Meas.	1.5	8.2	2.1	0.8	2.9	0.5	3.4	0.7	2.2	-	2.1	-	1.8	-	15.7	-	-	0.9	-



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.