

INDIAN BUREAU OF MINES

--:-- Inspection Report --:--

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	30ORI13024	Lease Area (Ha) :	70.917
Forest Area (Ha) :	54	Mine Code :	30ORI13024
Registration Number :	IBM/45759/2023	Name of lessee :	GREWAL MINERALS METALS LLP
Address of lessee :	Po Box No-44 ,BARBIL, BARBIL	Phone of lessee :	-
Email of lessee :	Gmm@grewalgroup.com	Fax Number :	N/A
Village :	Sanindipur	Taluka / Mandal :	Koida
District :	Sundargarh	Pincode :	758035
State :	Odisha	Post Office :	N/A
Nearest Police Station :	Koira	Nearest Railway Station :	Barbil
Date of Grant of Mining Lease :	2023-11-13	Date of Mining Lease Execution :	1980-09-10
Date of opening in the mine :	1980-09-10		

Nominated Owner Details			
Name of the Nominated Owner :	Mr CHARANJIT SINGH GREWAL	Nominated Owner Address:	PO BOX NO-44
Nominated Owner Mobile :	9937063033	Nominated Owner Email :	Gmm@grewalgroup.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2021-11-17
Mining Engineer Details			
Name of the Mining Engineer :	Suryalok Sahoo	Qualification of Mining Engineer :	B.Tech (Mining)
Address of Mining Engineer :	At-Jaroli,Po-Jajang,Dist-keonjhar,Odisha	Phone of Mining Engineer :	8895947032
Email of Mining Engineer :	Surya.alok1996@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2021-11-05		
Geologist Details			
Name of the Geologist :	Bikram Kumar Swain	Qualification of Geologist :	M.Sc Geology
Address of Geologist :	AT-Repurpatna, Po-Borikhi,Dist-Jagatsinghpur	Phone of Geologist :	7653007026
Email of Geologist :	Bikramkumar2007@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2022-01-18		
Mine Manager Details			
Name of the Mine Manager :	Shubhrant Kumar Pradhan	Qualification of Mine Manager :	B.E(Mining)
Address of Mine Manger :	AT/PO-Gopinathpur,Puri,Odisha	Phone of Mine Manger :	9437439100
Email of Mine Manger :	Skpb27@gmail.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2025-09-18		

Mineral(s) granted in lease and proved for mining :	IRON ORE,MANGANESE ORE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	N/A
Method of mining :	Open Cast	Category :	OTHER THAN MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	SHRINIVAS BUDIME
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	1.Shubhrant Kumar Pradhan, 2.Suryalok Sahoo, 3.Bikram Kumar Swain
Designation of the Accompanying Official :	1. Mine Manager, 2. Mining Engineer3. Mine Geologist,
Type of Inspection :	MCDR,MPAS,STR
Date of Inspection :	15/10/2025
Review year considered for MCDR Inspection :	2024-2025

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2.2.1 : Exploration Details

S.N.	Items for Reporting		As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of Core Boreholes		No Valid proposal for the year 2024-25	Nil	Nil	No Violation	Nil	Nil
2	Number of DTH Boreholes		No Valid proposal for the year 2024-25	Nil	Nil	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		No Valid proposal for the year 2024-25	Nil	Nil	No Violation	Nil	Nil
4	Number of exploratory Trenches		No Valid proposal for the year 2024-25	Nil	Nil	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	70.917	70.917	0.000	No Violation	Nil	Nil
6		G2	0	0	0.000	No Violation	Nil	Nil
7		G3	0	0	0.000	No Violation	Nil	Nil
8		G4	0	0	0.000	No Violation	Nil	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP		At the begining of the year 1.4.2024Total reserves-	Balance resources as on 31.3.2025 Total reserves- 122-	Nil	No Violation	Nil	Nil

	Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	122-14,835,383 Total Resources- 331-10510360 Total R&R-25,34 5,743.00	28,795,899.00 Total Resources- 331-17179710 Total R&R- 45,975,609.00				
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2.3.1 : Development - Opencast Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Location of development w.r.t. lease area	Pradhan Pit & Hating Pit- 325800 to 326000 2424883 to 2424565 Crusher Pit- 325400 to 325700 2424856 to 2424787	Pradhan Pit & Hating Pit- 325810.963to 326000.828 2424875.117 to 2424571.661 Crusher Pit- 325612.500 to 325455.362 2424851.199 to 2424877.689	Nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m ³	536470	536858	-388.000	Rule 11(1)	The proposed quantity of overburden generation for the year 2024-25 was 5,36,470 m ³ , whereas the actual achievement was 5,36,858 m ³ , resulting in an	Nil

						excess of 388 m ³ (0.07%). This deviation from the approved proposal is not in conformity with the provisions of Rule 11(1) of the MCDR, 2017.	
3	Quantity of topsoil generation in m3	0	0	0.000	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1:0.175	1:0.357	Nil	No Violation	Nil	Nil

2.4.1 Exploitation - Opencast Mine Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of pits / Blocks proposed for production	3Pits Pradhan Pit (368*296*40) & Hating Pit (330*220*45) 325800 to 326000 2424883 to 2424565 Crusher Pit-(240*200*45) 325400 to 325700 2424856 to 2424787	3 Pits Pradhan Pit (366*294*39) & Hating Pit(325*215*40)- 325810.963to 326000.828 2424875.117 to 2424571.661 Crusher Pit--(220*198*40) 325612.500 to	Nil	No Violation	Nil	Nil

			325455.362 2424851.19 to 2424877.689				
2	Quantity of ROM mineral production proposed (in T)	3000130	2990651	9479.000	Rule 11(1)	The proposed ROM mineral production for the year 2024–2025 was 30,00,130 tonnes, whereas the actual production achieved was 29,90,651 tonnes, showing a deviation of 9,479 tonnes (0.32%). This deviation from the approved mining plan is not in conformity with the provisions of Rule 11(1) of the MCDR, 2017.	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	2304330	1451050	853280.000	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	695800	183500	512300.000	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	45-55%	45-55%	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized Method	Mechanized Method	Nil	No Violation	Nil	Nil

7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Proposed Height-6m Width-6m Bench Slope-80	Actual Height-6m Width-6m Bench Slope-80	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Not done	-	No Violation	Nil	Nil

2.4.3 : Exploitation - Dump Working Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of dumps proposed for production	1 OB Dump-III 2424000,326000	1 OB Dump-III 325944.732 to 326153.395 2424188.827 to 2423938.825	-	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	1072940	1073716	-776.000	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	Nil	Nil	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	Nil	Nil	Nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	695800	183500	512300.000	Rule 11(1)	The proposed quantity of	Nil

						<p>mineral reject generation for the year 2024–2025 was 6,95,800 tonnes, whereas the actual generation achieved was 1,83,500 tonnes, showing a shortfall of 5,12,300 tonnes (73.61%). This large deviation from the approved mining plan is not in conformity with Rule 11(1) of the MCDR, 2017.</p>	
6	Grade of mineral reject generation and threshold value declared	Mineral reject grade-45-55 % Fe Threshold Value -45% Fe	Mineral reject grade-45-55 % Fe Threshold Value -45% Fe	Nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Nil	Nil	Nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	Mechanized	Mechanized	Nil	No Violation	Nil	Nil

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2.5.1 : OB/Waste Dumps Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Separate Dumping of OB proposed. OBDump-01 OB Dump-2424000,3 26000 Quantity-3 540776.00MT Subgrade Dump-01 326074,2424250 326150,2424184	Separate Dumping of OB proposed. OBDump-01 325944.732 to 326153.395 2424188.827 to 2423938.825 Quantity-3541552.00 MT Subgrade Dump-01 326074,2424250 326150,2424184	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Active OB Dump-1(OB Dump-III) OB Dump-2424000,326000 Quantity-3540776.00MT In Active OB Dump-1(OB Dump-I) 326222,2424114 326313,2424161 Quantity-28300MT	Active OBDump-01(OB Dump-III) 325944.732 to 326153.395 2424188.827 to 2423938.825 Quantity-3541552.00 MT In Active OB Dump-1(OB Dump-I) 326222,2424114 326313,2424161 Quantity-28300MT	Nil	No Violation	Nil	Nil
3	Number of active & Inative dumps	3Number of active & Inactive dumpsActive OB	3Number of active & Inactive dumpsActive OB	Nil	No Violation	Nil	Nil

		Dump-1(OB Dump-III) OB Dump-2424000,326000 Quantity-3540776.00MT In Active OB Dump-1(OB Dump-I) 326222,2424114 326313,2424161 Quantity-28300MT Active OBDump-01(OB Dump-III) 325944.732 to 326153.395 2424188.827 to 2423938.825 Quantity-3541552.00 MT In Active OB Dump-1(OB Dump-I) 326222,2424114 326313,2424161 Quantity-28300MT.	Dump-1(OB Dump-III) OB Dump-2424000,326000 Quantity-3540776.00MT In Active OB Dump-1(OB Dump-I) 326222,2424114 326313,2424161 Quantity-28300MT Active OBDump-01(OB Dump-III) 325944.732 to 326153.395 2424188.827 to 2423938.825 Quantity-3541552.00 MT In Active OB Dump-1(OB Dump-I) 326222,2424114 326313,2424161 Quantity-28300MT.				
4	Number of dead dumps	Inactive Dump-Dump-I & Dump-II In Active OB Dump-1(OB Dump-I) 326222,2424114 326313,2424161 Quantity-28300MT	Inactive Dump-Dump-I & Dump-II In Active OB Dump-1(OB Dump-I) 326222,2424114 326313,2424161 Quantity-28300MT	Nil	No Violation	Nil	Nil
5	Number of dumps proposed for stabilised	1 No of Dump (Dump-III) Active OB Dump-1(OB	1 No of Dump (Dump-III) Active OB Dump-01(OB	Nil	No Violation	Nil	Nil

		Dump-III) OB Dump-2424000,326000	Dump-III) 325944.732 to 326153.395 2424188.827 to 2423938.825				
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Terracing Plantation (800 Nos) Coir mating	5000 Nos of Plantation Done over Dump & Safety Zone. Proper Terracing has done. Coir mating has done over 5000 Sq.Metre Area.	Nil	No Violation	Nil	Nil

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2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Proposed	Nil	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	Not Proposed	Nil	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Not Proposed	Nil	Nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	Not Proposed	Nil	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	Not Proposed	Nil	Nil	No Violation	Nil	Nil

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2.7.1 : Progressive Mine Closure Plan (PMCP) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Compliance on reclamation and rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.	800 Nos of Plants over 0.5 Ha	5000 Nos of 0.5 Ha	Nil	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	Not proposed	Nil	Nil	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i)800 ii)0.5 ha. iii)Plantation in Safety Zone &Dump Slope	i)5000 ii)0.5 ha. iii)Plantation in Safety Zone &Dump Slope	Nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Quarterly Monitoring over Core Zone & Buffer Zone.	Environmental Monitoring has been done on quarterly basis and the reports have been submitted to SPCB. Last Report Submission Date-17.07.2025	Nil	No Violation	Nil	Nil

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2.8.1 : Mineral Conservation Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting is proposed	Processed Ore are stacked with grade wise separately with in the Lease area.	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Grade 45-51% Fe 51-55% Fe 55-58% Fe 58-60% Fe 60-62%Fe 62-65Fe% 65% Fe & above	Processed Ore are stacked with grade wise separately with in the Lease area. 45-51% Fe 51-55% Fe 55-58% Fe 58-60% Fe 60-62%Fe 62-65Fe% 65% Fe & above	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Proposed quantity for Blending is 695800.00MT	Minerals rejects are blended with High grade ROM to make it saleable. Actual Quantity of Blended Material- 183500.00MT	Nil	No Violation	Nil	Nil

2.9.1 : Environment Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate removal and utilization of topsoil	Not proposed	Nil	Nil	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Retaining wall Construction 40M	Waste rock is being used for construction & restoration of Retaining wall over 40M.	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
4	Plantation & Survival rate	4Plantation&Survival rate800 nos of sapling Plantation over 0.5 Ha has been proposed with a 80% Survival rate.5000 Nos of Trees with a survival rate of 75 %	5000 Nos of Trees with a survival rate of 75 %	-	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Air Borne Dust need to be suppressed to control the Air Pollution.	2 Nos of Water tankers are provided with water sprinkling facility for Dust suppression.	Nil	No Violation	Nil	Nil

2.10 : Annual Return Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Submission of Online Monthly and Annual returns in prescribed period or not	Online Monthly and Annual returns shall be submitted in prescribed period	The Latest Annual return & monthly Returns are submitted 30.06.2025.& 09.10.2025	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer & Geologist Shall be appointed	Mining Engineer, Suryalok Sahoo appointment date- 05.11.2021 & Geologist, Bikram Kumar Swain, date-18.01.2022 is appointed as per the MCDR rule.	Nil	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	No	Nil	Nil	No Violation	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Nil	Nil	Nil	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Notices and Returns for the lease area shall be submitted	All the Notices & returns are submitted with in the Time.	Nil	No Violation	Nil	Nil

6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-Mine Price & Cost of Production Rs-1605.59 /MT	Ex-Mine Price & Cost of Production Rs-1605.59 /MT	Nil	No Violation	Nil	Nil
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2.11 : SDF Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Start Ratings accorded for mine during last 3 years	2022-23-4 Star 2023-24-4 Star 2024-25-4 Star	2022-23-3 Star 2023-24-3 Star 2024-25-	Nil	No Violation	Nil	Nil

Part-III : Other Reports

3.1.1 : Upload Other Reports

S.N.	Reports File	Remark File Description
1	Nil	Nil

Part-IV : Summary Details

4.1 : Summary of Violations

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Development - Opencast : Quantity of overburden generation in m ³	536470	536858	-388.000	Rule 11(1)	The proposed quantity of overburden generation for the year 2024-25 was 5,36,470 m ³ , whereas the actual achievement was 5,36,858 m ³ , resulting in an excess of 388 m ³ (0.07%). This deviation from the approved proposal is not in conformity with the provisions of Rule 11(1) of the MCDR, 2017.	Nil
2	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	3000130	2990651	9479.000	Rule 11(1)	The proposed ROM mineral production for the year 2024–2025 was 30,00,130 tonnes, whereas the actual production	Nil

						<p>achieved was 29,90,651 tonnes, showing a deviation of 9,479 tonnes (0.32%).</p> <p>This deviation from the approved mining plan is not in conformity with the provisions of Rule 11(1) of the MCDR, 2017.</p>	
3	Exploitation - Dump Working : Quantity of mineral reject generation	695800	183500	512300.000	Rule 11(1)	<p>The proposed quantity of mineral reject generation for the year 2024–2025 was 6,95,800 tonnes, whereas the actual generation achieved was 1,83,500 tonnes, showing a shortfall of 5,12,300 tonnes (73.61%). This large deviation from the approved mining plan is not in conformity with Rule 11(1) of the MCDR, 2017.</p>	Nil

Final Submitted

Esigned by: SHRINIVAS BUDIME
Date: 08/11/2025 09:41:55 AM