

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	30ORI13067	Lease Area (Ha) :	15.074
Forest Area (Ha) :	15	Mine Code :	30ORI13067
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 :	Adaghat	Taluka / Mandal :	Koida
District :	Sundargarh	Pincode :	758035
State :	Odisha	Post Office :	N/A
Nearest Police Station :	KOIDA	Nearest Railway Station :	KOIDA
Date of Grant of Mining Lease :	2023-11-13	Date of Mining Lease Execution :	2017-01-11
Date of opening in the mine :	2020-01-04		

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 :	Priyabrata Nayak	Qualification of Mining Engineer :	B.tech In Mining Engineer
Address of Mining Engineer :	Address Of Mining Engineer : At/Po- Gobindpur Ps-Bhadrak, Dist-Bhadrak, Pin-756112,	Phone of Mining Engineer :	9437825003
Email of Mining Engineer :	Priyabrata2030@gmail.com	Fax Number of Mining Engineer :	NA
Date of Mining Engineer Appointment :	2023-12-25		
Geologist Details			
Name of the Geologist :	Rajanikanta Nayak	Qualification of Geologist :	M.Sc Geology
Address of Geologist :	At- Bisimatri, P.O- Nimapada, Puri Pin- 752113, Mob-, D.O.J- 07.09.2022	Phone of Geologist :	8917351167
Email of Geologist :	Rajanikantakjr01@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2022-12-01		
Mine Manager Details			
Name of the Mine Manager :	Sahadat Mandal	Qualification of Mine Manager :	B.tech In Mining Engineer
Address of Mine Manger :	At/P.O-P.S- Barbil, Dist- Keonjhar, Odisha	Phone of Mine Manger :	9437536205
Email of Mine Manger :	Sahadat11@gmail.com	Fax Number of Mine Manger :	N/A

Date of Mine Manger Appointment :	2024-04-12		
Mineral(s) granted in lease and proved for mining :	IRON ORE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2023-06-26 (2022 - 2025)
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 :	ASSISTANT CONTROLLER OF MINES
Name of the Accompanying Official from Mine :	Sahadat Mandal, Rajanikanta Nayak
Designation of the Accompanying Official :	Mine Manager, Asst. Manager Geology
Type of Inspection :	MCDR,MPAS,STR
Date of Inspection :	16/10/2025
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		0	6	-6.000	No Violation	Backlog of F.Y.2023-2024)	Nil
2	Number of DTH Boreholes		0	0	0.000	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		0	0	0.000	No Violation	Nil	Nil
4	Number of exploratory Trenches		0	0	0.000	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	13.1160	13.1160	0.000	No Violation	Nil	Nil
6		G2	1.9580	1.9580	0.000	No Violation	Nil	Nil
7		G3	0.00	0	0.000	No Violation	Nil	Nil
8		G4	0.00	0	0.000	No Violation	Nil	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)		Total Reserves (A)(111- 6.56 million tonnes, Total Resource (B)(211- 2.17 million tonnes and Total Mineral Resources (A+B)	Total Reserves (A)(111- 6.56 million tonnes, Total Resource (B)(211- 2.17 million tonnes and Total Mineral Resources (A+B)	0.000	No Violation	Re-estimated resources after 6 nos. Borehole, (Closing data of F.Y.2024-2025). Addition Reserves -: 1.46 million tonnes	Nil

		-8.73 million tonnes (F.Y-2024-2025)	-8.73 million tonnes (F.Y-2024-2025)				
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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	Quarry-1 (140m*130**48 m) E326250, N2425350 E326400, N2425530 Quantity- 248739.26 MT Quarry-2 (300m*115*34m) E326100, N2425560 E325810, N2425740 Quantity- 450855.64 MT	Quarry-1 (140m*120m*41 m) E326250, N2425350 E326400, N2425530 Quantity- 202881.97 MT Quarry-2 (261m*114*32m) E326090, N2425510 E325800, N2425730 Quantity- 496711.03 MT	Nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m3	32604.00	10975.5	21628.500	Rule 11(1)	The proposed OB generation for 2024–2025 was 32,604.00 m ³ , while the actual achieved is 10,975.5 m ³ ,	Nil

						showing a shortfall of 21,628.5 m ³ (66.34%).	
3	Quantity of topsoil generation in m3	0	0	0.000	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	1:0.09	1:0.04	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	2 nos of Pits Quarry-1 (140m*130**48 m) E326250, N2425350, E326400, N2425530 Quantity- 248739.26 MT Quarry-2 (300m*115*34m) E326100, N2425560, E325810, N2425740 Quantity-	2 nos of Pits Quarry-1 (140m*120m*41 m) E326250, N2425350, E326400, N2425530 Quantity- 202881.97 MT Quarry-2 (261m*114*32m) E326090, N2425510, E325800, N2425730 Quantity-	Nil	No Violation	Nil	Nil

		450855.64 MT	496711.03 MT				
2	Quantity of ROM mineral production proposed (in T)	699594.90	699593.00	1.900	No Violation	Nil	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	611445.94	698037.9	-86591.960	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	88148.96	1555.1	86593.860	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Subgrade/Mineral Rejects -45-55%Fe Threshold Value-45%Fe	Subgrade/Mineral Rejects -54%Fe Threshold Value-45%Fe	Nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized	Mechanized	Nil	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Yes, it is proposed to keep the bench height up to 8 mtrand width up to 8 mtrsfor both Ore & OB benches with overall pit slope angle of 45 degree. Height- 8 mtrs Width-8 mtrs Pit Slope-45 Degree	Height and width of benches were in order as per the proposal of the approved document with pit slope near to 33 degree (Quarry-2) & (Quarry-1).	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Not Done	Nil	No Violation	Nil	Nil

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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	No valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	No valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	88148.96	1555.1	86593.860	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	Grade of mineral reject generation is 54% and threshold value declared is 45%	Grade of mineral reject generation is 54% and threshold value declared is 45%	Nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Not Proposed	Not Done	Nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	Not Proposed	Not Done	Nil	No Violation	Nil	Nil

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)	2 nos, OB Dump-1 OB Dump-2	2 nos, OB Dump-1 OB Dump-2	Nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	N-2425808, E-323781 N-2425868, E-325854 N-2425483, E-326405 N-2425497, E-326429	N-2425808, E-323781 N-2425868, E-325854 N-2425483, E-326405 N-2425497, E-326429	Nil	No Violation	Nil	Nil
3	Number of active & Inative dumps	2	2	0.000	No Violation	Nil	Nil
4	Number of dead dumps	0	0	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	0	0	0.000	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Plantation	plantation	Nil	No Violation	Nil	Nil

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	No valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	No valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	No valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	No valid proposal for the year 2024-2025	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.	No valid proposal for the year 2024-2025	Nil	Nil	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	No valid proposal for the year 2024-2025	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)625 nos of saplings ii)2024-25 0.25 Ha. iii) Plantation with 80%	i) 1100 nos of saplings till date of inspection ii) 2024-25 0.25 Ha. iii) Plantation with 70% survival	Nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring in Core zone and buffer zone Proposed as per MOEFCC and SPCB guidelines	Environmental monitoring in Core zone and buffer zone were carried out as per MOEFCC and SPCB guidelines during the reporting year FY 2024-25.	Nil	No Violation	Nil	Nil

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 proposed	Grade wise sorting done	Nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Fines:- 51% to below 55% Fe 55% to below 58% Fe 58% to below 60% Fe 60% to below 62% Fe 62% to below 65% Fe CLO:- Below 62% Fe (CLO any size) 62% to below 65% Fe (5-18 mm size CLO) 62% to below 65% Fe (10-40 mm size CLO) 65% and above Fe (5-18 mm size CLO)	Fines:- 51% to below 55% Fe 55% to below 58% Fe 58% to below 60% Fe 60% to below 62% Fe 62% to below 65% Fe CLO:- Below 62% Fe (CLO any size) 62% to below 65% Fe (5-18 mm size CLO) 62% to below 65% Fe (10-40 mm size CLO) 65% and above Fe (5-18 mm size CLO)	Nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	No	Nil	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	It was proposed to blend minerals rejects. Quantity Proposed-88148.9 6 MT	Mineral rejects/subgrade which are produced during the F.Y 2024-2025,Blend	0.000	No Violation	Nil	Nil

			ed at ROM stage. Quantity Achieved-1555.1 MT				
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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	Not done	Nil	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed for the year 2024-2025	Not done	Nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	Nil	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation : 625, Survial Rate : 80	1100 Nos of saplings have been planted over 0.25 Ha area with a survival rate of 70% within the lease area during the reporting year.	Nil	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to	Water sprinkling by water tanker	Nil	No Violation	Nil	Nil

		control airborne dust shall be carried out	and mobile water sprinklers over haul roads has been carried out by using 2 nos of water tankers and fixed water sprinkler system during the reporting year				
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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 in prescribed period Shall be submitted	LastMonthly returns submitted on date- 08/10 2025 with letter n o- GMM/ADA/133/ 2025 and last annual return submitted on date-24/06/2025 with letter no- GMM/ADA/75/ 2025-26	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mine Engineer : Mr Amaresh Mining Engineer	Appointed as per MCDR 2017 Mining Engineer-:	Nil	No Violation	Nil	Nil

		& Geologist as per provisions of Rule 55 of MCDR,2017 shall be Appointed	Priyabrata Nayak D.O.J:-25.12.202 3 Geologist:- Rajanikanta Nayak D.O.J:-01.12.202 2				
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	submitted monthly and annual returns shall be accurate and complete	The information furnished in Annual return as per rule 45(7) is false/ incorrect	-	Rule 45(7)	Information furnished in Annual return as per rule 45(7) is false/ incorrect	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 & Returns shall be submitted within Stipulated time	Return for the reporting year have been submitted within the stipulated time period	Nil	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-Mine price 2125.84 Production cost 1970.05	Ex-Mine price 2125.84 Production cost 1970.05	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	Year of Submission : 2021-22(4 star) 2022-23(4 star) 2023-24(4 star)	2021-22(3 star) 2022-23(3 star) 2023-24(3 star)	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

Final Submitted

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	32604.00	10975.5	21628.500	Rule 11(1)	The proposed OB generation for 2024–2025 was 32,604.00 m ³ , while the actual achieved is 10,975.5 m ³ , showing a shortfall of 21,628.5 m ³ (66.34%).	Nil
2	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	submitted monthly and annual returns shall be accurate and complete	The information furnished in Annual return as per rule 45(7) is false/ incorrect	-	Rule 45(7)	Information furnished in Annual return as per rule 45(7) is false/ incorrect	Nil

Esigned by:  SHRINIVAS BUDIME
 Date: 05/11/2025 11:15:09 AM