

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	30MSH28012	Lease Area (Ha) :	27.4520
Forest Area (Ha) :	N/A	Mine Code :	30MSH28012
Registration Number :	IBM/6218/2011	Name of lessee :	MINERALS & METALS
Address of lessee :	34,AUSHUTOSH ,NAPEAN SEA ROAD , MUMBAI	Phone of lessee :	022-23636207
Email of lessee :	Mineralsandmetalstalawane@gmail.com	Fax Number :	N/A
Village :	Redi	Taluka / Mandal :	Vengurla
District :	Sindhudurg	Pincode :	400036
State :	Maharashtra	Post Office :	N/A
Nearest Police Station :	Vengurla	Nearest Railway Station :	Sawantwadi
Date of Grant of Mining Lease :	2020-02-27	Date of Mining Lease Execution :	2020-02-27
Date of opening in the mine :	2022-11-18		

Nominated Owner Details			
Name of the Nominated Owner :	Mr SANDEEP SHYAMKUMAR SHRIVASTAVA	Nominated Owner Address:	301 SPRING LEAF PLOT NO 298 KHAR WEST MUMBAI
Nominated Owner Mobile :	9820021335	Nominated Owner Email :	Sandeepshrivasta@hotmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2020-04-01
Mining Engineer Details			
Name of the Mining Engineer :	Mr. Vijay Waghmare	Qualification of Mining Engineer :	ME
Address of Mining Engineer :	M/s Minerals & Metals P. O. Redi, Taluka Vengurla, District. Sindhudurg (Maharashtra) 416517	Phone of Mining Engineer :	9673667957
Email of Mining Engineer :	Vijaywaghmare.2008@rediffmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2020-03-04		
Geologist Details			
Name of the Geologist :	Mr. Sandeep Sadashiv Kumbhar	Qualification of Geologist :	M.Sc. Geology
Address of Geologist :	M/s Minerals & Metals P. O. Redi, Taluka Vengurla, District. Sindhudurg (Maharashtra) 416517	Phone of Geologist :	7588869990
Email of Geologist :	Sandy41181@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2023-06-08		
Mine Manager Details			
Name of the Mine Manager :	Mr. Pradosh Govind Gaonkar	Qualification of Mine Manager :	ME

Address of Mine Manger :	M/s Minerals & Metals P. O. Redi, Taluka Vengurla, District. Sindhudurg (Maharashtra) 416517	Phone of Mine Manger :	8007810819
Email of Mine Manger :	Pradoshg1432@gmail.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2020-03-04		
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 :	2024-10-14 (2024 - 2028)
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 :	Dr. Rakesh Kumar
Designation :	JMG
Name of the Accompanying Official from Mine :	Mr. Pradosh Govind Gaonkar
Designation of the Accompanying Official :	Mine Manger
Type of Inspection :	MCDR,STR
Date of Inspection :	12/11/2025
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 proposal	No proposal	0.000	No Violation	Found in order. Not proposed for FY 2024–25. The mining lease has been explored up to the G1 level.	Nil
2	Number of DTH Boreholes		No proposal	No proposal	0.000	No Violation	Found in order. Not proposed for FY 2024–25. The mining lease has been explored up to the G1 level.	Nil
3	Number of exploratory pits / trial pits		No proposal	No proposal	0.000	No Violation	Found in order. Not proposed for FY 2024–25. The mining lease has been explored up to the G1 level.	Nil
4	Number of exploratory Trenches		No proposal	No proposal	0.000	No Violation	Found in order. Not proposed for FY 2024–25. The mining lease has been explored up to the G1 level.	Nil
5	Lateral exploration status for the lease area	G1	8.41	8.41	0.000	No Violation	Found in order. The mining lease has been explored up to the G1	Nil

							level. An area of 18.6302 ha has been declared as non-mineralized.	
6		G2	0.00	0	0.000	No Violation	Found in order. The mining lease has been explored up to the G1 level.	Nil
7		G3	0.00	0	0.000	No Violation	Found in order. The mining lease has been explored up to the G1 level.	Nil
8		G4	0.00	0	0.000	No Violation	Found in order. The mining lease has been explored up to the G1 level.	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)	IRON ORE - Total Reserve 399301.00 , Total Resource 1862786.00	Total Reserve 299330.92 , Total Resource 1862786.00		0	No Violation	Found in order, reserve, and resource as on dated 01-04-25	Nil

2.3.1 : Development - Opencast Details

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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	Pit : Pit 1 & Direction : NE	Pit : Pit 1 & Direction : 15 44 43 N to 15 44 41 N 73 40 43 E to 73 40 48 E	0	No Violation	working as per the approved mining plan.	Nil
2	Quantity of overburden generation in m3	50770.00	36050	14720.000	Rule 11(1)	The quantity of overburden generated is not in accordance with the Approved Mining Plan.	Nil
3	Quantity of topsoil generation in m3	836	836	0.000	No Violation	Found in order	Nil
4	Stripping ratio : ore to OB ratio	0.50770000	0.3606	0.147	Rule 11(1)	Ore to OB ratio not maintained as per the approved mining plan.	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	Pit ID : Pit 1	Pit 1	Nil	No Violation	working in Pit 1 of block 3	Nil

2	Quantity of ROM mineral production proposed (in T)	100000.00	99970.080	29.920	No Violation	Found in order	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	100000.00	99970.080	29.920	No Violation	Found in order	Nil
4	Quantity of mineral reject/Sub-grade generation	No proposal	No proposal	Nil	No Violation	No proposal	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No proposal	No proposal	Nil	No Violation	No proposal	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanised	Mechanised	Nil	No Violation	Found in order	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Bench Hight 6 Bench width 8	Mine pit filled with water	Mine pit filled with water	Rule 11(1)	The bench height and width parameters have not been maintained in accordance with the approved Mining Plan. A slumping of bench faces has been noted, particularly near the submerged bench area.	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	No proposal	Nil	No Violation	No proposal	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	1	1	0.000	No Violation	One active dump has been proposed and found in order.	Nil
2	Quantity of dump material handling Proposed (in Tonne)	No proposal	No proposal	Nil	No Violation	No dump exploitation proposed	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	No proposal	No proposal	Nil	No Violation	No proposal has been made for the recovery of saleable/usable mineral from dump production.	Nil
4	Production from dump(s) during the year	No proposal	No proposal	Nil	No Violation	No proposal	Nil
5	Quantity of mineral reject generation	No proposal	No proposal	Nil	No Violation	No proposal	Nil
6	Grade of mineral reject generation and threshold value declared	No proposal	No proposal	Nil	No Violation	No proposal	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No proposal	No proposal	Nil	No Violation	No proposal	Nil
8	Manual / Mechanized method adopted for dump working	Mechanized	Mechanized	Nil	No Violation	Mechanized	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)	Dump Type : Waste, Dump ID : Dump No. 1	Dump Type : Waste, Dump ID : Dump No. 1	0	No Violation	Found in order	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Dump Type : Waste, Dump ID : Dump No. 1, Latitude : 15:44:49.62 , 15:44:45.95, Longitude: 73:40:53.19 , 73:40:48.68	Dump Type : Waste, Dump ID : Dump No. 1, Latitude : 15:44:49.62 , 15:44:45.95, Longitude: 73:40:53.19 , 73:40:48.68	0	No Violation	Found in order	Nil
3	Number of active & Inative dumps	Dump ID : TBF, Dump Type : Waste, Dump Status : Active	1	0	No Violation	One active dump found	Nil
4	Number of dead dumps	No dead dump	No dead dump	Nil	No Violation	No dead dump	Nil
5	Number of dumps proposed for stabilished	Year : 2024-2025, Dump ID : 0	Nil	Nil	No Violation	No dumps proposed for stabilished.	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	No proposal	Nil	No Violation	No proposal	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 proposal	Not Applicable	Not Applicable	No Violation	Not Applicable	Nil
2	Year-wise area under backfilling of mined out area	Pit ID : 0, Area Proposed : 0.00	Not Applicable	Not Applicable	No Violation	Not Applicable	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :836.00 Utilized :836.00 Stored :0.00	Generated :836.00 Utilized :836.00 Stored :0.00	Nil	No Violation	Found in order	Nil
4	Total area fully reclaimed & rehabilitated	No proposal	Not Applicable	Not Applicable	No Violation	Not Applicable	Nil
5	Locations of proposed reclamation & rehabilitated	Not Applicable	Not Applicable	Not Applicable	No Violation	Not Applicable	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.	Plantation : Location :Dump No 1 Slope , Area : 0.2960, No. of Plant : 740 Plantation : Location :Backfilled Area BF 1, Area : 0.1411, No. of Plant : 353 Pit ID : 0, Area : 0.00	60 sapling planted	Nil	No Violation	55 proposed and 60 planted.	Nil
2	Rehabilitation by making water reservoir	No proposal	No proposal	Nil	No Violation	The mine has not yet reached the ultimate pit limit.	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No proposal	No proposal	No proposal	No Violation	The mine has not yet reached the ultimate pit limit.	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring proposed	Environmental monitoring has been carried out by Mineral Engg Services.	Nil	No Violation	Found in order	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 within lease area, Mechanical	Grade wise sorting within lease area, Mechanical	nil	No Violation	Sorting by visual method. Mechanical sorting done.	Nil
2	Different grade of mineral sorted out at mines	>45% Fe	>45% Fe	Nil	No Violation	In order	Nil
3	Any beneficiation process at mines	Dry crushing / Screening	Dry crushing / Screening	Nil	No Violation	Dry crushing / Screening	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Not applicable	Not applicable	Nil	No Violation	Nil	Nil

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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	Proposed	Yes	Nil	No Violation	Concurrent use for bund	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not applicable	Not applicable	Nil	No Violation	Not applicable	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not applicable	Not applicable	Nil	No Violation	Not applicable	Nil
4	Plantation & Survival rate	Plantation : 55, Survial Rate : 80	Planted 60 Survial Rate : 80	Nil	No Violation	Found in order	Nil
5	Water sprinkling on roads to control airborne dust	Proposed	water sprinkling on road and mine area with water anker	Nil	No Violation	Found in order	Nil

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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	Last Annual Returns : 28-06-2025, Last Monthly Returns : Yes - October 2025 - Submitted on : 2025-11-06	Last Annual Returns : 28-06-2025, Last Monthly Returns : Yes - October 2025 - Submitted on : 2025-11-06	Nil	No Violation	Found in order	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer: Mr. Vijay Waghmare, 04-03-202 & Geologist: Mr. Sndeeep S. Kumbhar, 08-06-2023 as	Mining Engineer: Mr. Vijay Waghmare, 04-03-202 & Geologist: Mr. Sndeeep S. Kumbhar, 08-06-2023 as	Nil	No Violation	Found in order	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	No	Nil	Nil	No Violation	Found in order	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not applicable	Nil	Nil	No Violation	Found in order	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Online submission has been done	Nil	Nil	No Violation	Found in order	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Scuritnized	Nil	Nil	No Violation	Found in order	Nil

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 : 2023-2024 , Rating : 4 Stars	Year of Submission : 2023-2024 , Rating : 4 Stars	Nil	No Violation	4 stars had been awarded.	Nil

Part-III : Other Reports**3.1.1 : Upload Other Reports**

S.N.	Reports File	Remark File Description
1	Mine_Profile_30MSH28012.pdf	MIDPAS data uploaded

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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	50770.00	36050	14720.000	Rule 11(1)	The quantity of overburden generated is not in accordance with the Approved Mining Plan.	Nil
2	Development - Opencast : Stripping ratio : ore to OB ratio	0.50770000	0.3606	0.147	Rule 11(1)	Ore to OB ratio not maintained as per the approved mining plan.	Nil
3	Exploitation - Opencast Mine : Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Bench Hight 6 Bench width 8	Mine pit filled with water	Mine pit filled with water	Rule 11(1)	The bench height and width parameters have not been maintained in accordance with the approved Mining Plan. A slumping of bench faces has been noted, particularly near the submerged bench area.	Nil

Esigned by:  Dr. Rakesh Kumar
 Date: 21/11/2025 04:09:45 PM