

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	TALAVANE	Lease Area (Ha) :	74.45
Forest Area (Ha) :	N/A	Mine Code :	30MSH28028
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 :	Talawane	Taluka / Mandal :	Sawantwadi
District :	Sindhudurg	Pincode :	400036
State :	Maharashtra	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2021-06-09	Date of Mining Lease Execution :	2021-06-08
Date of opening in the mine :	Nilsss		

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 :	Mandeep Dayanand Matondkar	Qualification of Mining Engineer :	B.E. (Mining)
Address of Mining Engineer :	H.No.285, Vathadev, Sarvona, Bicholim-Goa	Phone of Mining Engineer :	9527187442
Email of Mining Engineer :	Matondkarm@gmail.com	Fax Number of Mining Engineer :	NA
Date of Mining Engineer Appointment :	2025-06-28		
Geologist Details			
Name of the Geologist :	Victor T. Fernandes	Qualification of Geologist :	M.Sc
Address of Geologist :	Diwar, Piedade, Ilhas, North Goa, Goa-403403	Phone of Geologist :	9922001484
Email of Geologist :	Victorferns1967@gmail.com	Fax Number of Geologist :	NA
Date of Geologist Appointment :	2024-03-01		
Mine Manager Details			
Name of the Mine Manager :	Cletus D'Souza	Qualification of Mine Manager :	Diploma In Mining & Mine Surveing, FCC
Address of Mine Manger :	Porvorim, Bardez-Goa 403521	Phone of Mine Manger :	9765190500
Email of Mine Manger :	Cletusdsouza1966@gmail.com	Fax Number of Mine Manger :	NA

Date of Mine Manger Appointment :	2023-06-01		
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 :	2025-09-03 (2025 - 2026)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	VIDYADHAR TARI
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	Chhagan Naik, Victor Fernandes and Sakharam Kavathankar
Designation of the Accompanying Official :	Manager Production, Geologist and Agent
Type of Inspection :	MCDR
Date of Inspection :	23/09/2025
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	30	29	1.000	No Violation	Nil	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	26.05	26.05	0.000	No Violation	Nil
6		G2	0.00	0	0.000	No Violation	Nil
7		G3	0.00	Nil	Nil	No Violation	Nil
8		G4	0.00	0	0.000	No Violation	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 1121746.60 , Total Resource 415841.00	IRON ORE - Total Reserve 994746 , Total Resource 415841.00	Nil	No Violation	Nil	Nil

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	Pit : PIT 1 & Direction : E-W	No mining activity is carried out in Pit No. 1 due to statutory obligations. Mining operations were under suspension at the time of inspection for violation of Rule 11(1) of MCDR2017 pointed out earlier.	NA	No Violation	Mining operations were under suspension at the time of inspection for violation of Rule 11(1) of MCDR2017 pointed out earlier.	Nil
2	Quantity of overburden generation in m3	36263.00	574963.00	-538700.000	No Violation	Nil	Nil
3	Quantity of topsoil generation in m3	0.00	0	0.000	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	0.28470000	4.53	-4.245	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	Pit ID : PIT-1	No mining activity is carried out in Pit No. 1 due to statutory obligations. Mining operations were under suspension at the time of inspection for violation of Rule 11(1) of MCDR2017 pointed out earlier.	NA	No Violation	Mining operations were under suspension at the time of inspection for violation of Rule 11(1) of MCDR2017 pointed out earlier.	Nil
2	Quantity of ROM mineral production proposed (in T)	127374.10	127000.00	374.100	No Violation	Nil	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	127374.10	127000.00	374.100	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	0.00	0	0.000	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	NA	NA	NA	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	NA	NA	Nil	No Violation	Nil	Nil

7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Yes	Yes	Nil	No Violation	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	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	Nil	Nil	NA	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	Nil	Nil	NA	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	NA	NA	NA	No Violation	Nil	Nil
4	Production from dump(s) during the year	0.00	0	0.000	No Violation	Nil	Nil
5	Quantity of mineral reject generation	Nil	Nil	NA	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	NA	NA	NA	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Nil	Nil	NA	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	Nil	Nil	NA	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)	Backfilling Proposed in Pit No. 1	No mining activity is carried out in Pit No.1 due to statutory obligations.	NA	No Violation	No mining activity is carried out in Pit No.1 due to statutory obligations. In the recent Modifications in approved RMP approved on 03.09.2025, lessee has proposed to carry out mining operations in Pit No. 2 only.	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Dump Type : Waste, Dump ID : BACKFILLING-2024-25, Latitude : 15:46:09.78 , 15:46:12.33, Longitude: 73:44:46.70 , 73:44:56.90	No mining activity is carried out in Pit No.1 due to statutory obligations.	NA	No Violation	Nil	Nil
3	Number of active & Inative dumps	Dump ID : Dump-1, Dump Type : Waste, Dump Status : Active , Dump ID : Dump-2, Dump Type : Waste,	One active Dump	NA	No Violation	Nil	Nil

		Dump Status : Stabilised , Dump ID : Dump-3, Dump Type : Waste, Dump Status : Dead , Dump ID : Dump-4, Dump Type : Waste, Dump Status : Dead					
4	Number of dead dumps	2	2	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	Nil	Nil	NA	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	NA	NA	NA	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	Backfilling is proposed in Pit No.1	No mining activity is carried out in Pit No.1 due to statutory obligations.	NA	No Violation	No mining activity is carried out in Pit No.1 due to statutory obligations. In the recent Modifications in approved RMP approved on 03.09.2025, lessee has proposed to carry out mining operations in Pit No. 2 only.	Nil
2	Year-wise area under backfilling of mined out area	Pit ID : PIT 1, Area Proposed : 5500.00	No mining activity is carried out in Pit No.1 due to statutory obligations.	NA	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Nil	Nil	NA	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	2.500	Nil	Nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	NA	NA	NA	No Violation	Nil	Nil

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.	Area : 3.40, No. of Plant : 5660	Nil	Deviation found	Rule 11(1)	As per the approved RMP document, it was proposed to plant 5660 plants covering area of 3.40Ha. However, plantation is not carried out as proposed.	Nil
2	Rehabilitation by making water reservoir	Not proposed	NA	NA	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Not proposed	NA	NA	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	Being carried out	NA	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	Proposed	Being carried out as proposed	NA	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Fines and Lumps (45-58%Fe)	Fines and Lumps (45-58%Fe)	NA	No Violation	Nil	Nil
3	Any beneficiation process at mines	Nil	Nil	NA	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Nil	Nil	NA	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	Not Proposed	Nil	NA	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Nil	NA	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Nil	NA	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation : 5660, Survial Rate : 80	Nil	Violation details already covered earlier under PMCP details.	No Violation	Violation details already covered earlier under PMCP details	Nil
5	Water sprinkling on roads to control airborne dust	Proposed	Being done	NA	No Violation	Nil	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	Proposed as per the provision of Rule 45 of MCDR 2017	Annual Return of F.Y. 2024-25 - Submitted online on 30.06.2025. Monthly Returns - Submitted online upto August 2025	Nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017 is proposed	Mining Engineer : Mandeep Dayanand Matondkar Mining Geologist : Victor Fernandes	Nil	No Violation	Appointment notices of Mining Engineer & Geologist submitted to this office.	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Incomplete information i.r.o. sl. no. 5 - Type of Machinery of PART-V is submitted in Annual Return for F.Y.2024-2025.	Details of deployment of Mining Machinery in Mine is not furnished.	Deviations Observed	Rule 45(5)	Details of deployment of Mining Machinery in Mine is not furnished in PART-V (General Geology & Mining) at Sl.No. 6 - Type of Machinery though consumption of Diesel and Petrol is reported at Sl.No.1 of PART-III (Consumption of Materials).	Nil

4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not Proposed	NA	Nil	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	Not Proposed	NA	Nil	No Violation	Nil	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production is not given in PART-VII of the Annual Return for F.Y.2024-2025.	Gradewise Ex mine price of Lumps & Fines is furnished in Annual Return for F.Y.2024-2025. However, details of cost of production per tonne of ore produced is not furnished in Annual Return for F.Y.2024-2025.	Deviations Observed	Rule 45(5)	Details of cost of production per tonne of ore produced is not furnished in PART-VII of the Annual Return for F.Y.2024-2025.	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 : 2024-2025 , Rating : 3 Stars	2024-2025 :- 3 Star	NA	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	Progressive Mine Closure Plan : Compliance on reclamation and rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.	Area : 3.40, No. of Plant : 5660	Nil	Deviation found	Rule 11(1)	As per the approved RMP document, it was proposed to plant 5660 plants covering area of 3.40Ha. However, plantation is not carried out as	Nil

						proposed.	
2	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Incomplete information i.r.o. sl. no. 5 - Type of Machinery of PART-V is submitted in Annual Return for F.Y.2024-2025.	Details of deployment of Mining Machinery in Mine is not furnished.	Deviations Observed	Rule 45(5)	Details of deployment of Mining Machinery in Mine is not furnished in PART-V (General Geology & Mining) at Sl.No. 6 - Type of Machinery though consumption of Diesel and Petrol is reported at Sl.No.1 of PART-III (Consumption of Materials).	Nil
3	Annual Return : Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production is not given in PART-VII of the Annual Return for F.Y.2024-2025.	Gradewise Ex mine price of Lumps & Fines is furnished in Annual Return for F.Y.2024-2025. However, details of cost of production per tonne of ore produced is not furnished in Annual Return for F.Y.2024-2025.	Deviations Observed	Rule 45(5)	Details of cost of production per tonne of ore produced is not furnished in PART-VII of the Annual Return for F.Y.2024-2025.	Nil

Esigned by: VIDYADHAR TARI
Date: 29/09/2025 11:45:48 AM