

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 :	Aronda	Nearest Railway Station :	Sawantwadi
Date of Grant of Mining Lease :	2021-06-09	Date of Mining Lease Execution :	2021-06-08
Date of opening in the mine :	2017-12-13		

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 :	Ditesh H Salgaonkar	Qualification of Mining Engineer :	B.E. (Mining)
Address of Mining Engineer :	H. No. 153/2, Bandhirwado , Assonora, Bardez, Goa 403503	Phone of Mining Engineer :	7741834343
Email of Mining Engineer :	Salgaonkardiptesh1991@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2021-07-12		
Geologist Details			
Name of the Geologist :	Victor T Fernandes	Qualification of Geologist :	M.Sc
Address of Geologist :	Diwar, Piedade, Goa	Phone of Geologist :	9922001484
Email of Geologist :	Victorferns1967@gmail.com	Fax Number of Geologist :	N/A
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 , 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 :	N/A

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 :	2024-01-12 (2022 - 2026)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	ABHIMANYU OGRA
Designation :	SR. ACOM
Name of the Accompanying Official from Mine :	Mine manager, Geologist, Agent
Designation of the Accompanying Official :	Cletus D'souza - Mine Manager, Victor Fernandes - Geologist, Sakharam Kavatankar - Agent
Type of Inspection :	MCDR
Date of Inspection :	19/03/2025
Review year considered for MCDR Inspection :	2023-2024

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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	0	0.000	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	0	0.000	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 1121746.60 , 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 working in Pit 1, mine being worked in PIT 2 at the time of inspection	Deviation found	Rule 11(1)	At the time of inspection, deviation in location of development w.r.t. approved plan document was observed	Nil
2	Quantity of overburden generation in m3	41931.00	0	41931.000	Rule 11(1)	Development work was not done for the year FY 2023-24.	Nil
3	Quantity of topsoil generation in m3	0.00	0	0.000	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	0.50800000	NA	NA	No Violation	Nil	Nil

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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 working in FY2023-24	Deviation found	No Violation	Violation detail already covered under development chapter	Nil
2	Quantity of ROM mineral production proposed (in T)	82544.70	No working in FY2023-24	Deviation found	No Violation	Violation detail already covered under development chapter	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	82544.70	No working in FY2023-24	Deviation found	No Violation	Violation detail already covered under development chapter	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	NA	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Yes	Yes	NA	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	NA	NA	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	NA	NA	NA	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	NA	NA	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	No working in FY2023-24	NA	No Violation	Violation detail already covered under development chapter	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Dump Type : Waste, Dump ID : BACKFILLING-2023-24, Latitude : 15:46:10.23 , 15:46:13.07, Longitude: 73:44:45.53 , 73:44:56.35	No working in FY2023-24	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, Dump Status : Stabilised , Dump ID : Dump-3, Dump Type : Waste, Dump Status : Dead , Dump ID : Dump-4, Dump Type : Waste, Dump Status : Dead	1 active dump out of total 4 dumps	NA	No Violation	Nil	Nil

4	Number of dead dumps	2	2	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilised	Year : 2023-2024, Dump ID : Dump-2	No working in FY2023-24	NA	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Compaction and plantation	NA	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	BACKFILLING-2023-24	No working in FY2023-24	NA	No Violation	Violation detail already covered under development chapter	Nil
2	Year-wise area under backfilling of mined out area	Pit ID : PIT 1, Area Proposed : 2814.00	No working in FY2023-24	NA	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Generated :0.00 Utilized :0.00 Stored :0.00	Nil	NA	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	2.500	No working in FY2023-24	NA	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	NA	NA	NA	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. of Plant : 400	1000 trees planted	NA	No Violation	As per AR return	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	Retaining wall - 2530m Garland Drain - 2460m Fencing - 652m	Retaining wall - 200m Garland Drain - 150m	Deviation found	Rule 11(1)	Planned Rehabilitation activities not completed as per approved document	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Monitoring proposed	Monitoring done	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	grade-wise sorting and dispatch proposed	Grade wise sorting within lease and dispatch being carried out	NA	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	Fines and Lumps 45- 58 %	Fines and Lumps 45- 58 %	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	No top soil generation proposed	0	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 : 400, Survial Rate : 80	Plantation : 1000, Survial Rate : 70	NA	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Proposed	Being done	NA	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	Last Annual Returns : No, Last Monthly Returns : Yes - February	AR submitted on 27.06.2024, Monthly return submitted till Feb	NA	No Violation	Nil	Nil

		2025 - Submitted on : 2025-03-07	2025				
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Nil	Mining Engineer appointed on 12.07.2021 and Geologist on 01.03.2024	NA	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Nil	Nil	Na	No Violation	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	NA	NA	Na	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	.	Intimation of reopening of Mine not submitted	Deviation Found	Rule 29	As per records mine was reopened in November 2024, but intimation of reopening of mine was not submitted to this office within prescribed timeline as per Rule 29	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil	Ex mine price - 305 & 438Rs/MT (Fines), 402 Rs/Mt (Lumps) Production cost - 0	NA	No Violation	No production in FY 2023-24	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	NA	2023-2024: 3 Stars	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

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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 : Location of development w.r.t. lease area	Pit : PIT 1 & Direction : E-W	No working in Pit 1, mine being worked in PIT 2 at the time of inspection	Deviation found	Rule 11(1)	At the time of inspection, deviation in location of development w.r.t. approved plan document was observed	Nil
2	Development - Opencast : Quantity of overburden generation in m3	41931.00	0	41931.000	Rule 11(1)	Development work was not done for the year FY 2023-24.	Nil
3	Progressive Mine Closure Plan : Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Retaining wall - 2530m Garland Drain - 2460m Fencing - 652m	Retaining wall - 200m Garland Drain - 150m	Deviation found	Rule 11(1)	Planned Rehabilitation activities not completed as per approved document	Nil
4	Annual Return : Notices and Returns for the lease area submitted or not where fine applicable		Intimation of reopening of Mine not submitted	Deviation Found	Rule 29	As per records mine was reopened in November 2024, but intimation of reopening of mine was not submitted to this office within	Nil

						prescribed timeline as per Rule 29	
5	Bench Parameters	Maximum height of 6m and minimum 9m width	Bench parameters are not maintained properly	Deviation found	Rule 11(1)	During the inspection it was observed that bench in Pit 2 (on south side) and in Pit 1 (Near BP-8) were found unsystematic and not maintained properly as per approved document	Nil

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Esigned by: ABHIJANYU OGRA
Date: 09/04/2025 05:27:34 PM