

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	30ORI08113	Lease Area (Ha) :	35.774
Forest Area (Ha) :	36	Mine Code :	30ORI08113
Registration Number :	IBM/4135/2011	Name of lessee :	SREE METALIKS LIMITED
Address of lessee :	SML House, ,Main Road,, Barbil	Phone of lessee :	06767-275585
Email of lessee :	Smlmines@sreemetaliks.com	Fax Number :	N/A
Village :	Baitarani R.F.	Taluka / Mandal :	Bamebari
District :	Kendujhar	Pincode :	758035
State :	Odisha	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2017-01-11	Date of Mining Lease Execution :	2017-01-11
Date of opening in the mine :	Nilsss		

Nominated Owner Details			
Name of the Nominated Owner :	Mr Mahesh Kumar Agarwal	Nominated Owner Address:	SML HOUSE,MAIN ROAD,BARBIL
Nominated Owner Mobile :	9437075129	Nominated Owner Email :	Md@sreemetaliks.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	1995-11-28
Mining Engineer Details			
Name of the Mining Engineer :	Sushil Kumar Gond	Qualification of Mining Engineer :	B.Tech In Mining
Address of Mining Engineer :	At/Po: Khandbandh ; District: Keonjhar, Odisha-758034.	Phone of Mining Engineer :	9439551837
Email of Mining Engineer :	Srd@thriveni.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2020-02-01		
Geologist Details			
Name of the Geologist :	Amrit Kumar Behera	Qualification of Geologist :	M.sc . Geology
Address of Geologist :	Joda ; District: Keonjhar Odisha-758034.	Phone of Geologist :	7978419414
Email of Geologist :	Amritbeherajsp@gaill.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2021-10-01		
Mine Manager Details			
Name of the Mine Manager :	Manoj Kumar	Qualification of Mine Manager :	B.Tech In Mining
Address of Mine Manger :	At/Po : Khandbandh ; District: Keonjhar, Odisha-758034	Phone of Mine Manger :	90019 9401
Email of Mine Manger :	Smlmines@sreemetaliks.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 :	N/A
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	VIKRAM DESHPANDE
Designation :	ACOM
Name of the Accompanying Official from Mine :	Manoj Kumar
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MPAS
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		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	35.77	35.77	0.000	No Violation	Nil	Nil
6		G2	0.00	0	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)		IRON ORE - Total Reserve = 11374947.50 , Total Resource = 6651639.50	Mineral Reserve Proved Mineral Reserve (A) 111-8876403 Probable Mineral Reserve (A)- 121 - 0.00 Probable Mineral Reserve (A)- 122	0	No Violation	Nil	Nil

			- 0.00 Remaining Resources Feasibility Mineral Resource (B) 211 - 6651639.50 Prefeasibility Mineral Resource (B)- 221 - 0.00 Prefeasibility Mineral Resource (B)- 222 - 0.00 Measured Mineral Resource (B)- 331 - 0.00 Indicated Mineral Resource (B)- 332 0.00 Inferred Mineral Resource (B) 333 - 0.00 Reconnaissance Mineral Resource (B)- 334- 0.00 Reserve : 8,876,403.00 Resources : 6651639.50 Total : 15,528,042.00			
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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	Quarry-1 E	Quarry-1 E	0	No Violation	Nil	Nil

	area	332330 to E332575 N 2429340 to N 2429650 Quarry-2 E 332650 to E332840 N 2429160 to N 2429315 Quarry-3 E332245 to E332355 N 2429150 to N 2429270	332395 to E332570 N 2429380 to N 2429660 Quarry-2 E 332650 to E332840 N 2429164 to N 2429310 Quarry-3 E332250 to E332330 N 2429163 to N2429230				
2	Quantity of overburden generation in m3	231751.50	230055	The overburden generation has been 1696.500 less than the proposed.	Rule 11(1)	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	1 : 0.25	1 : 0.28	The proposed stripping ratio could not be achieved	Rule 11(1)	Nil	Nil

2.4.1 Exploitation - Opencast Mine Details

S.N.	Items for Reporting	As Per Approved	Actual	Deviation	Violation under	Remark	Remark File
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		Mining Plan			Rule		
1	Number of pits / Blocks proposed for production	3	3	0.000	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	1800000.00	1620000	180000.000	Rule 11(1)	Nil	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	1800000.00	1620000	180000.000	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	0.00	4500	-4500.000	No Violation	All blended	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	0	Below 55% Fe	0.000	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanized	Mechanized	0	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	6m height proposed	Not maintained in Pit 2	The proposed height has not be maintained in Pit -2	Rule 11(1)	Nil	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NA	NA	0	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	0	0	0.000	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	0	0	0.000	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	0	0	0.000	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	0	0	0.000	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	0	0	0.000	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	0	0	0.000	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	0	0	0.000	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 dump for OB & Mineral Rejects	Separate dump for OB & Mineral Rejects	0	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Dump Type : Waste, Dump ID : Back filling, Latitude : 21:57:42.37 , 21:57:47.83, Longitude: 85:22:30.49 , 85:22:35.43	Dump Type : Waste, Dump ID : Back filling, Latitude : 21:57:42.37 , 21:57:47.83, Longitude: 85:22:30.49 , 85:22:35.43	0	No Violation	Nil	Nil
3	Number of active & Inative dumps	Active 1 Inactive - 1	Active 1 Inactive - 1	0	No Violation	Nil	Nil
4	Number of dead dumps	1	1	0.000	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	1	1	0.000	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Coir mating & plantation	Coir mating & plantation	0	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	Part Extraction	Part Extraction	0	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	3.16	3.09	The shortfall of Backfilling is 0.070 ha	Rule 11(1)	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	0	0	0.000	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	3.160	3.09	The shortfall of Backfilling is 0.070 ha	Rule 11(1)	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	E :332180 to 332200 N : 2429600 to 2429570	E :332180 to 332200 N : 2429600 to 2429570	0.000	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.	Plantation : Location :Safety zone, Area : 0.408, No. of Plant : 1020 Plantation : Location :Safety zone, Area : 0.416, No. of Plant : 1040 Pit ID : Backfilling2, Area : 12120.00	3225	0	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	0	0	0.000	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	0	0	0.000	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring (core zone & buffer zone) proposed	Environmental monitoring (core zone & buffer zone) carried out	0	No Violation	Carried out by third party Greenforce Association private Limited	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 carried out	0	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	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) :	51% to below 55% Fe : 5061.600 55% to below 58% Fe : 170928.380 58% to below 60% Fe : 979050.43 60% to below 62% 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) :	0	No Violation	Nil	Nil
3	Any beneficiation process at mines	Nil	Nil	Nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	0	0	0.000	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	0	0	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	0	0	0.000	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	0	0	0.000	No Violation	Nil	Nil
4	Plantation & Survival rate	Plantation : 1020, Survial Rate : 70	3225	0	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust proposed	Water sprinkling on roads to control airborne dust carried out	0	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	Last Annual Returns : No, Last Monthly Returns : Yes - August 2025 - Submitted on : 2025-09-17	All returns submitted within stipulated time frame.	0	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining Engineer- Sushil Kumar Gond Mining Geologist-Amrit Kumar Behera	Mining Engineer- Sushil Kumar Gond Mining Geologist-Amrit Kumar Behera	0	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Correct and Complete information to be furnished	Correct and Complete information not furnished	1. A12. Lease area (surface area) utilisation as at the end of year (hectares), item vii the Figures for PMCP does not match with the work done. 2. At Part VII regarding calculation the amount spent mentioned at x is in correct.	Rule 45(7)	Nil	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not due	NA	0	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	To be submitted within time	Submitted within time	0	No Violation	Nil	Nil

6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Fines : 51% to below 55% Fe : 5061.600 55% to below 58% Fe : 170928.380 58% to below 60% Fe : 979050.43 60% to below 62% Fe : 63426.960 62% to below 65% Fe : 8266.880 CLO Below 62%(CLO any size) : 370408.170 62% to below 65%Fe (5-18: 20006.380 Cost of Production is 1560.31	Appears to be in order	0	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 : 2023-2024 , Rating : 4 Stars	4	0	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 m3	231751.50	230055	The overburden generation has been 1696.500 less than the proposed.	Rule 11(1)	Nil	Nil
2	Development - Opencast : Stripping ratio : ore to OB ratio	1 : 0.25	1 : 0.28	The proposed stripping ratio could not be achieved	Rule 11(1)	Nil	Nil
3	Exploitation - Opencast Mine : Quantity	1800000.00	1620000	180000.000	Rule 11(1)	Nil	Nil

	of ROM mineral production proposed (in T)						
4	Exploitation - Opencast Mine : Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	6m height proposed	Not maintained in Pit 2	The proposed height has not be maintained in Pit -2	Rule 11(1)	Nil	Nil
5	Solid Waste Management - Backfilling (Opencast) : Year-wise area under backfilling of mined out area	3.16	3.09	The shortfall of Backfilling is 0.070 ha	Rule 11(1)	Nil	Nil
6	Solid Waste Management - Backfilling (Opencast) : Total area fully reclaimed & rehabilitated	3.160	3.09	The shortfall of Backfilling is 0.070 ha	Rule 11(1)	Nil	Nil
7	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Correct and Complete information to be furnished	Correct and Complete information not furnished	1. A12. Lease area (surface area) utilisation as at the end of year (hectares), item vii the Figures for PMCP does not match with the work done. 2. At Part VII regarding calculation the amount spent mentioned at x is in correct.	Rule 45(7)	Nil	Nil
8	Plans and Sections	Updated Plan and Sections to be maintained	Updated Plan and Sections not maintained	Updated Plan and Sections not maintained	Rule 31(4)	Nil	Nil

Esigned by: VIKRAM DESHPANDE
Date: 20/10/2025 11:19:28 PM