

## MCDR INSPECTION REPORT(2023-24)

### General

S. N.	Particulars	Details
1	Name of the Mine	A. Narrain Iron ore Mine
2	Name of the inspecting officer and Designation	Dr. Sudhakara T.L., Senior Mining Geologist Shri Shivakumar HM, Assistant Controller of Mines
3	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total lease area : 160.59 Ha Forest Land: 160.59 Ha Non-Forest : 0 Ha
4	Mine code	30KAR07013
5	IBM Registration Number under rule 45 of MCDR, 1988	IBM/327/2011
6	Name of the lessee, Address, phone, email and fax number	M/s. Vedanta Limited Address: Sesa Ghor,20 EDC Complex, PattoPanjim, Goa. Pin 403001 Phone: 08194-238101 E-mail: <a href="mailto:vinod.kumar@vedanta.co.in">vinod.kumar@vedanta.co.in</a> Fax: 0832-2460612
7	Village	Meghalahalli, Bommavvanagathihalli, Madakeripura, Chowdenahally, Tanigehalli, Hirekandavadi
8	Taluk/ <del>Mandal</del>	Chitradurga and Holalkere
9	District	Chitradurga Dist.
10	Pin code	577520
11	State	Karnataka
12	Post office	Bheemasamudra
13	Nearest police station	Sirigere
14	Nearest Railway station	BBH Railway Siding
15	Date of Grant of Mining Lease	28.10.1952
16	Date of Execution	03.10.1955
17	Date of opening of Mine	03.10.1955
18	Date of first Renewal, if applicable and its period & expiry	First Renewal:08/06/1973 Period: 10 years i.e. up to 27/10/1982
19	Date of second Renewal, if applicable and its period & expiry	Second Renewal:13/05/1983 Period: 10 years i.e. up to 27/10/1992
20	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Third Renewal: Executed on 29-05-1998, for a period of 20 years i.e. up to 27.10.2012 Fourth renewal: Executed on 02.02.2015 for 20 years w.e.f. 28.10.2012 up to 27.10.2032
21	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Mr. Vinod Kumar Address: Sesa Ghor,20 EDC Complex, Patto Panjim, Goa. Pin 403001 Phone: 9001294923 E-mail: <a href="mailto:vinod.kumar@vedanta.co.in">vinod.kumar@vedanta.co.in</a> Fax: 0832-2460612 Date of Appointment: 17.06.2024
22	Name of the Mine Agent with	Mr. Shrishaila Gouda

	Address, phone, email, fax number and date of appointment	Address: Megalahalli Office Complex, Post. Bheemasamudra, Dist. Chitradurga, Karnataka-577520 Phone: 9923289303 E-mail: <a href="mailto:Shrishaila.gouda@vedanta.co.in">Shrishaila.gouda@vedanta.co.in</a> Fax: 0832-2460612 Date of Appointment: 01.10.2022
23	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mr. Sandeep Naik Address: Megalahalli Office Complex, Post. Bheemasamudra, Dist. Chitradurga, Karnataka-577520 Phone :8007677100 E-mail : <a href="mailto:sandeep.naik3@vedanta.co.in">sandeep.naik3@vedanta.co.in</a> Date of Appointment :18.10.2024
24	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	<u>Mining Engineer:</u> Name: Sajjad Ahamed Qualification: B.Tech. in Mining Engineering Experience: Address: Megalahalli Office Complex, Post. Bheemasamudra, Dist. Chitradurga, Karnataka-577520 Phone: 08194-238111 E-mail: <a href="mailto:Sajjad.jelani@vedanta.co.in">Sajjad.jelani@vedanta.co.in</a> Date of Appointment: 17.11.2021 <u>Geologist:</u> Name: Mr. Somsekhar Dhodkunde Qualification: M.Sc. in Applied Geology Experience: 15 years Address: Megalahalli Office Complex, Post. Bheemasamudra, Dist. Chitradurga, Karnataka-577520 Phone: 08194-238112 E-mail: <a href="mailto:somshekhhar.dhodkunde@vedanta.co.in">somshekhhar.dhodkunde@vedanta.co.in</a> Date of Appointment: 10.10.2024
25	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
26	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	01.02.2023
27	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Approval of "Review and Updation of Mining Plan" for the period 2022-23 to 2026-27. IBM Letter No.279/272/91/BNG, Date:01.02.2023 Modification of the Mining plan with Progressive Mine Closure Plan letter no. MCDR-MPC0FE/21/2023-BNG-IBM_RO_BNG dated 29.07.2024

28	Mineral(s) granted in lease and proved for mining	Iron ore
29	Method of Mining (Opencast, Underground)	Opencast
30	Category (Fully Mechanized, Others or Manual)	Fully Mechanized
31	Captive/ Non captive	Non-Captive
32	Date of inspection	11/11/2024
33	Name of accompanying mine officials with designation	Mr. Sandeep Naik- Mines Manager Mr. Sajjad Ahamed – Mining Engineer Mr. Somsekhar Dhodkunde - Geologist

## 1. Exploration

S.N.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	05 boreholes with a total meterage of 1110m	Nil	Violation pointed out under Rule 11(1) of MCDR, 2017
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Laterally entire mineralized area explored under G1 (99.16Ha)	Laterally entire mineralized area explored under G1 (99.16Ha) Non-minrealized area : 61.43Ha	Till date in the lease area, lessee has carried out 650 nos. of Boreholes with a total meterage of 61244.25 meters, explored entire mineralized laterally under G1.
1e	Balance reserves	Total Reserves As on 01/08/2022 as per approved Mining plan 115.63 million tonnes	105.72MT	Actual as per Annual Return 2023-24
1f	General remarks of inspecting officer on geology, exploration etc.	The iron ore deposit type is startiform tabular deposit of regular habit. The central part of the lease area consists of iron ore formation. The hanging and footwall consists of ferruginous shale, Mn clays, phyllites and schist. In the Draft Mining Plan submitted, lessee included BHQ (Fe below 35%) under reserve/resources based on the beneficiation test results.		

		Lessee has explored the entire mineralized area laterally under G1 level. During 2023-24, Lessee has proposed 05 no. bore holes to prove the vertical extension of the deposit, however, same not carried out, violation pointed out under Rule 11(1) of MCDR, 2017.
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## 2. Development

S.N.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	SB – N1572180-1573393, E630763-629639 NB- N1574254-1573180, E629665-629420	In the north block, mining carried out beyond proposed limit.	Violation pointed out under Rule 11(1) of MCDR, 2017 for utilizing more area under excavation than proposal.
2b	Separate benches in topsoil, overburden, and mineral (Rule 15)	South Block: OB - 9 Mineral - 6 OB/Mineral - 5 North Block: OB - 1 Mineral – 4	South Block: OB - 10 Mineral - 7 OB/Mineral- 4 North Block: OB - 1 Mineral – 4	
2c	Stripping ratio or ore to OB ratio	1: 1.11 Ore: 5999954.90 Waste: 5389064.50	1: 0.75 Ore: 5889559.79 tonnes Waste: 4428935 tonnes	Waste 2381148 cub.m@1.86 BD
2d	Quantity of topsoil generation in m <sup>3</sup>	Nil	Nil	Mine working is broken-up area, Hence no topsoil available.
2e	Quantity of overburden generation in m <sup>3</sup>	28,93,585	23,811,48	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The mining method adopted is suitable for the type of deposit. However, during 2023-24, the lessee carried out production predominantly in the North Pit and conducted development beyond the proposed depth limit. For this, a violation was pointed out under Rule 11(1) of the MCDR, 2017 during the last inspection carried out by this office dated 16/11/2023. Accordingly, the lessee has made the necessary corrections in the approved modified mining plan dated 29/07/2024		

## 3. Exploitation

S.N	Item	Proposals	Actual work	Remarks
3a	Number of pits	2 nos.	2 nos.	North & South

	proposed for production	North block and South block	North block and South block	Block
3b	Quantity of ROM mineral production proposed	5999955 tonnes	5889559.79 tonnes	
3c	Recovery of salable/usable mineral from ROM production	100%	100%	Dry crushing & screening plant with 100% product recovery.
3d	Quantity of mineral reject generation	NIL	NIL	
3e	Grade of mineral reject generation and threshold value declared	NIL	NIL	NIL
3f	Quantity of sub-grade mineral generation	No Proposal	NIL	No Proposal as per App. Mining Plan.
3g	Grade of sub-grade mineral generation	NIL	NIL	No Proposal as per App. Mining Plan.
3h	Manual / Mechanized method adopted for segregating from ROM	Fully mechanized method of mining	Fully mechanized method of mining	Fully mechanized mine
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Wet beneficiation studies carried out for low-grade ore and siliceous ore.	Lessee has carried out beneficiation study for BHQ (low grade iron ore) at IBM, Nagpur
3j	Provision of drilling & blasting in mineral benches	Proposal was to blast top hard benches of hard ore.	Top hard ore benches are blasted using controlled blasting method.	
3k	Provision of mining machineries in mineral benches	Proposal is given for use of mining machinery in mineral benches.	Excavators and Dumpers are used for excavation of ore and waste in mining pit.	No. of excavators: 1 unit of 3.1 m <sup>3</sup> and 10 units of 4 m <sup>3</sup> . No. of Dumpers: 20 units of 18 cu.m and 45 units of 20.3 cu.m
3l	Whether height of benches in overburden	Bench Height 7m Bench Width 8m	In north block between section	In north block between section

	and mineral suitable for method of mining proposed in MP/SOM			no. 18 and 19, proposes bench dimension not maintained. Violation pointed out under Rule 11(1) of MCDR, 2017.																				
3m	Total area covered under excavation/pits	76.00Ha	79.31Ha	Violation pointed out under Rule 11(1) of MCDR, 2017 for utilizing more area than proposal.																				
3n	Ore to OB ratio for the pit/mine during the year	1: 0.82	1:0.69	Stripping Ratio of FY24. FY24 actual quantity is as on 31.03.2024																				
3o	Total area put in use under different heads at the end of year (in Ha)	<table border="1"> <tr> <td>O/c working</td> <td>76.00</td> </tr> <tr> <td>Waste disposal</td> <td>64.75</td> </tr> <tr> <td>buildings &amp; roads</td> <td>7.92</td> </tr> <tr> <td>Mineral stack, Safety zone</td> <td>11.92</td> </tr> <tr> <td><b>Total</b></td> <td><b>160.59</b></td> </tr> </table>	O/c working	76.00	Waste disposal	64.75	buildings & roads	7.92	Mineral stack, Safety zone	11.92	<b>Total</b>	<b>160.59</b>	<table border="1"> <tr> <td>O/c working</td> <td>79.31</td> </tr> <tr> <td>Waste disposal</td> <td>63.01</td> </tr> <tr> <td>buildings &amp; roads</td> <td>7.373</td> </tr> <tr> <td>Mineral stack, Safety zone</td> <td>10.903</td> </tr> <tr> <td><b>Total</b></td> <td><b>160.59</b></td> </tr> </table>	O/c working	79.31	Waste disposal	63.01	buildings & roads	7.373	Mineral stack, Safety zone	10.903	<b>Total</b>	<b>160.59</b>	
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3p	Production of ROM mineral during last five-year period, as applicable	Values in MMT 2019-20: 4.51 2020-21: 5.89 2021-22: 7.20 2022-23: 5.89 2023-24: 5.99	Values in MMT 2019-20: 4.55 2020-21: 5.60 2021-22: 5.60 2022-23: 5.89 2023-24: 5.889	Production data as per Annual Return.																				
3q	General remarks of inspecting officer on method of mining etc.	In the north block pit, lessee has not done systematic mining. At some location benches dimension not maintained as proposed. Further, area utilized under mining is more than the proposal. Violation pointed out under Rule 11(1) of MCDR, 2017.																						

### 3. Solid Waste Management-Dumping

S.N	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	OB/waste D3 & D4 dumps (existing dump) and D5 new Dump	Dumping not carried out in D5. OB/Waste backfilled in south pit between section line 9-9' and 13A and 14A.	Violation was pointed out under Rule 11(1) of the MCDR, 2017 during the last inspection carried out by this office dated 16/11/2023 for not carrying out dumping as per proposal. Accordingly, the lessee has made the necessary corrections in the approved modified mining plan dated 29/07/2024.
4b	Location of topsoil, OB & mineral reject dumps	D3,D4& D5 dump as per proposal in Mining plan.	Dumping not carried out in D5. OB/Waste backfilled in south pit between section line 9-9' and 13A and 14A.	Temporary dump considered in in-pit (south block) dumping at Section 11-15 as per modified mining plan dated 29/07/2024.
4c	Number of dumps within lease area and outside lease area	Inside Lease: 02 inactive & 02 active Outside Lease- NIL	Inside Lease: 02 Inactive & 02 active Outside Lease- NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Part of the Dumps (D3 and D4) within UPL	Part of Dump D3 and D4 and Temporary dump Within UPL	
4e	Number of active & alive dumps	02 (D3 &D4 dump)	02 (D3 &D4 dump)	
4f	Number of dead dumps	02 (D1 &D2 dump)	02 (D1 &D2 dump)	Both the dumps are stabilized.
4g	Number of dumps stabilized	02 (D1 &D2 dump)	02 (D1 &D2 dump)	Stabilized by means of geotextile and vegetation.
4h	Whether Retaining wall or garland drain all along dumps are there	Retaining wall & garland drain in finalized stages	Retaining wall & garland drain is provided	

4i	Length of Retaining wall or garland drain all along dump	Retaining wall- 200m Garland drain- 200 m	Retaining wall- 0m Garland drain- 0 m	Dump ID	Existing Retaining Wall (in meters)	Existing Garland Drain (in meters)
				D1	1056	958
				D2	1182	975
				D3	926	658
				D4	863	495
<b>Total</b>				<b>4027</b>	<b>3086</b>	
4j	Number of settling ponds	Nil	Nil			
4k	Specific comments of inspecting officer on waste dump management.	Lessee has not carried out the dumping and not constructed Retaining wall and Garland drain as per proposal. For the same, Violation was pointed out under Rule 11(1) of the MCDR, 2017 during the last inspection carried out by this office dated 16/11/2023. Accordingly, the lessee has made the necessary corrections in the approved modified mining plan dated 29/07/2024.				

#### 4. Solid Waste Management-Backfilling

S.N.	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposals	NIL	
5b	Area under backfilling of mined out area	No proposals	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposals	Nil	
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	The mineral is not exhausted in the pits, hence, there is no backfilling carried out. Lessee has dumped OB/waste in the south block pit temporarily. The same has been considered in the modified mining plan dated 29/07/2024.		

#### 6. Progressive Mine Closure Plan

S.N	Item	Proposals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.	Before 1 <sup>st</sup> July 2024	Submitted with Annual return.	Submitted within stipulated time.																		
6b	Area available for rehabilitation (ha)	No proposal	Nil	No restoration of mined out area for mining plan																		
6c	Afforestation done (ha)	4.11 Ha	2.68 Ha	Plantation on dump and greenbelt & outside lease area																		
6d	No. of saplings planted during the year	7400	Inside lease-44900 Outside lease-5290	It includes dump, greenbelt & outside lease area																		
6e	Cumulative no. of plants	480584	562959	It includes plantation on dump area and green belt.																		
6f	Any other specific method of rehabilitation	Not in proposal	Not applicable	No rehabilitation proposed for mining plan period 2023-24. R & R carried out till date <table border="1" data-bbox="1114 1176 1385 1691"> <thead> <tr> <th>ID</th> <th>Existing Retaining Wall (in meters)</th> <th>Existing Garland Drain (in meters)</th> </tr> </thead> <tbody> <tr> <td>D1</td> <td>1056</td> <td>958</td> </tr> <tr> <td>D2</td> <td>1182</td> <td>975</td> </tr> <tr> <td>D3</td> <td>926</td> <td>658</td> </tr> <tr> <td>D4</td> <td>863</td> <td>495</td> </tr> <tr> <td><b>Total</b></td> <td><b>4027</b></td> <td><b>3086</b></td> </tr> </tbody> </table>	ID	Existing Retaining Wall (in meters)	Existing Garland Drain (in meters)	D1	1056	958	D2	1182	975	D3	926	658	D4	863	495	<b>Total</b>	<b>4027</b>	<b>3086</b>
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<b>Total</b>	<b>4027</b>	<b>3086</b>																				
6g	Cost incurred on watch & care during the year	INR 740000/-	INR 5118600/-	Procurement of saplings, watering & manure.																		
6h	Compliance on and by rehabilitation	Noproposal	Not applicable	No restoration of mined out area for mining plan																		

	backfilling (i) Voids available for backfilling (L x B x D)			
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Void filled by waste/tailings	No proposal	Not applicable	No restoration of mined out area for mining plan
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on the backfilled area	Noproposal	Not Applicable	No restoration of mined out area for mining plan
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Noproposal	Not Applicable	No restoration of mined out area for mining plan
6l	Compliance on reclamation and rehabilitation by backfilling (v) Any other specific means	No proposal	Not Applicable	No restoration of mined out area for mining plan
6m	Compliance of Rehabilitation of waste land within lease (i) Afforestation	No proposal	Not applicable	No restoration of mined out area for mining plan
6n	Compliance of Rehabilitation of waste land within lease (ii) Area rehabilitated (ha)	No proposal	Not applicable	No restoration of mined out area for mining plan
6o	Compliance of Rehabilitation of waste land within lease (iii) Method of rehabilitation	Noproposal	Not applicable	No restoration of mined out area for mining plan
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed in Mining Plan.	Environmental monitoring within the lease and outside the lease carried out every month.	As per the report Ambient Air quality, water quality within the permissible limit.
6q	General remarks of inspecting officer on	Lessee has submitted the PMCP compliance report within stipulated time. Lessee has not carried out proposed		

	PMCP compliance & progressive closure operations	retaining wall and Garland drain for the newly proposed dump – D5. For the same, Violation was pointed out under Rule 11(1) of the MCDR, 2017 during the last inspection carried out by this office dated 16/11/2023. Accordingly, the lessee has made the necessary corrections in the approved modified mining plan dated 29/07/2024.
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## 7. Mineral Conservation

S.N.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise Lumps and Fines sorting within lease area and dispatch outside.	Grade wise Lumps and Fines sorting within lease area and dispatch outside.	As per buyers / market demand.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	Dry crushing & Screening plant
7c	Different grade of mineral sorted out at mines	<u>Lumps</u> Below 45% 45% to below 51% 51% to below 55% 55% to below 58%  <u>Fines</u> Below 45% 45% to below 51% 51% to below 55% 55% to below 58% 58% to below 60%	<u>Lumps</u> Below 45% 45% to below 51% 51% to below 55% 55% to below 58%  <u>Fines</u> Below 45% 45% to below 51% 51% to below 55% 55% to below 58% 58% to below 60%	Sorting of fines and lumps is carried out using dry crushing and screening plants and this product is dispatched grade wise.
7d	Any beneficiation process at mines	No proposals of beneficiation,	Only dry Crushing & Screening carried out as per proposal.	As reported by lessee team, Wet beneficiation is planned at VAB Plant, Amona, Goa.
7e	General remarks of inspecting officer on Mineral	Lessee is doing dry crushing and screening to sort the lumps and fines and utilizing entire ROM as salable mineral. ROM includes low grade Hematitic		

conservation & beneficiation issues	silicious ore. Further, in the draft modification to the mining plan submitted, lessee has proposed utilization of low grade ore (BHQ) Fe below 35% by beneficiation.
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## 8. Environment

S. N.	Item	Proposals	Actual work	Remarks																				
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NIL	Ore body is exposed and no topsoil is available.																				
8b	Concurrent use or storage of topsoil	No proposal	NIL	Ore body is exposed and no topsoil is available.																				
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps for OB in D3, D4 and D5dumps and separate stocks for fines & lumps proposed.	Separate dumping in D3 & D4 dumps for OB separate stacks of fines & lumps carried out. D5 dumping not commenced.	For not carrying out D5 dump, violation pointed out in last inspection.																				
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	Noproposal	NIL	No restoration of mined out area proposed in mining plan.																				
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NoProposal	Plantation is done on finalized stages of dumps.	No restoration of mined out areaproposal s in mining plan.																				
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	<table border="1"> <thead> <tr> <th></th> <th>No. of Saplings</th> </tr> </thead> <tbody> <tr> <td>Dumps</td> <td>6400</td> </tr> <tr> <td>Green Belt</td> <td>1000</td> </tr> <tr> <td>Bench Plantation</td> <td>0</td> </tr> <tr> <td>Total</td> <td>7400</td> </tr> </tbody> </table>		No. of Saplings	Dumps	6400	Green Belt	1000	Bench Plantation	0	Total	7400	<table border="1"> <thead> <tr> <th></th> <th>No. of Saplings</th> </tr> </thead> <tbody> <tr> <td>Dumps</td> <td>43230</td> </tr> <tr> <td>Green Belt</td> <td>1670</td> </tr> <tr> <td>Bench Plantation</td> <td>0</td> </tr> <tr> <td>Total</td> <td>44900</td> </tr> </tbody> </table>		No. of Saplings	Dumps	43230	Green Belt	1670	Bench Plantation	0	Total	44900	Plantation within leasehold area for FY 2023-24.
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8g	Survival rate	90%	90%	
8h	Water sprinkling on roads to control airborne dust	Sprinkling of water all along haul roads.	Sprinkling of water is carried out on haul roads and mist spray at plant area.	Special chemical used in water sprinkling on haul roads for increasing roads moisture holding capacity.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty in and around mines area is good.		

## 9. Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks	
9a	Status of submission of Monthly and Annual returns	Monthly Return Submitted up to last month April 2024. ***** Annual Return for FY2022-23 submitted on 24 <sup>th</sup> June 2023.	Monthly and Annual Return submitted within stipulated time.	
S. N.	Item	Details Given in A.R. 2023-24	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	1) Manager: Mr. Vijay Mehtha 2) Mining Engineer in charge: Mr. Sajjad Ahamed Jelani 3) Geologist in charge: Maheshwar Kinnal	Appears to be correct	Mr. Sandeep Naik was appointed as Mines Manager on 18.10.2024 by termination of Mr. Vijay Mehta and Mr. Somsekhar Dhodkunde was appointed as Geologist on 10.10.2024 by termination of Mr. Maheshwar Kinnal. Changes has been done after

				submission of Annual Returns.								
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	<table border="1"> <tr> <td>O/c working</td> <td>79.31</td> </tr> <tr> <td>Waste disposal</td> <td>63.01</td> </tr> <tr> <td>buildings &amp; roads</td> <td>7.37</td> </tr> <tr> <td>Mineral/ Subgrade stack</td> <td>11.21</td> </tr> </table>	O/c working	79.31	Waste disposal	63.01	buildings & roads	7.37	Mineral/ Subgrade stack	11.21	Appears to be correct	
O/c working	79.31											
Waste disposal	63.01											
buildings & roads	7.37											
Mineral/ Subgrade stack	11.21											
9d	Scrutiny of Annual return on afforestation	44900 no. plants	Appears to be correct									
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Mineral reject generation - NIL										
9f	Scrutiny of Annual return on ROM stock and/or graded ore	<p>Closing Stock as on 31.03.2024: ROM – 0.00 Fines:</p> <p>a) 45% to below 51%– 0.00 b) 51% to below 55%– 0.00 c) 55% to below 58%– 0.00 d) 58% to below 60%– 20841.490 e) 60% to below 62%– 7466.31 f) 62% to below 65%– 109.70 g) 65% and above- 0.00</p> <p>Lumps:</p> <p>a) 45% to below 51%– 0.00 b) 51% to below 55%– 13674.460 c) 55% to below 58%– 0.000 d) 58% to below 60%– 2918.530 e) 60% to below 62%– 0.000 f) 62% to below 65%– 30203.790 g) 65% and above- 0.00</p>	Appears to be correct									

9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-Mine price Fiines: h) 45% to below 51%– Rs. 2984 i) 51% to below 55%– Rs. 3956 j) 55% to below 58%– Rs. 3972 Lumps: h) 45% to below 51%– Rs. 927.84 i) 51% to below 55%– Rs. 4305 j) 55% to below 58%– Rs. 4781 k) 58% to below 60%– Rs. 5067 l) 60% to below 62%– Rs. 5783 Cost of Production: Rs. 1700 per ton	Appears to be correct																					
9i	Scrutiny of Annual return on fixed assets	Rs. 1507123725	Appears to be correct																					
9k	Scrutiny of Annual return on mining machineries	<table border="1"> <thead> <tr> <th>Type of Machinery</th> <th>No. of Units</th> </tr> </thead> <tbody> <tr> <td>Excavators (Back Hoe)</td> <td>11</td> </tr> <tr> <td>Wheel Loader</td> <td>11</td> </tr> <tr> <td>Dozer</td> <td>5</td> </tr> <tr> <td>Dumpers</td> <td>86</td> </tr> <tr> <td>Road Grader</td> <td>2</td> </tr> <tr> <td>Water Tankers</td> <td>2</td> </tr> <tr> <td>Generators</td> <td>10</td> </tr> <tr> <td>IR Light Source</td> <td>30</td> </tr> <tr> <td>Air Compressor</td> <td>4</td> </tr> </tbody> </table>	Type of Machinery	No. of Units	Excavators (Back Hoe)	11	Wheel Loader	11	Dozer	5	Dumpers	86	Road Grader	2	Water Tankers	2	Generators	10	IR Light Source	30	Air Compressor	4	Appears to be correct	Nil
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Details of violations observed during current inspection and compliance position of violation pointed out					
<u>Violation observed</u>			<u>Show cause position</u>		
Rule No.	Issued on	Compliance on	Rule No.	Issued on	Compliance on
11(1) of MCDR	28/11/2024	05/03/2025	-	-	-

डॉ. सुधाकर टी.एल. / Dr. Sudhakara T. L.)  
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