

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPMENT AND REGULATION DIVISION  
MCDR INSPECTION REPORT  
BHUBANESWAR REGIONAL OFFICE**

**General:**

SL. No.	Particulars	Details
1	Name of the Mine	Sirkagutu Iron & Manganese Mine
2	Date of inspection	<b>07/08/2024</b>
3	Name of inspecting officer	Prashant S Hegde, RMG
4	Name accompanying mine officials	S/Shri Deepak Dash, Sr. Vice President & Agent, Mrutyunjaya Routray, Mines Manager, Janmajaya Satpathy Mining Engineer, S.C. Nayak, QP and other mine officials
5	Last date of Inspection & Officer	15/03/2024 Shri S.K. Mohapatra, SMG
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	19.532 Ha ( Forest=3.8332 Ha+Non-forest-15.6988 Ha)
7	Minecode	30ORI08117
8	IBM Registration Number under rule 45 of MCDR, 2017	IBM/76/2011
9	Name of the lessee, Address, phone, email and fax number	M/s Prakash Industries Limited, Plot No-. 93, 1 <sup>st</sup> floor, Kharavel Nager, Unit-3, Nalini Devi Women's College, Bhubaneswar, Odisha. Phone No: 7978990158 Email: sirkaguttumines@prakash.com Fax No- 06742391231
10	Village	Sirkaguttu
11	Taluka/Mandal	Banspal
12	District	Keonjhar
13	Pincode	758018
14	State	Odisha
15	Post office	Kadakala
16	Nearest police station	Nayakote
17	Nearest Railway station	Nayagarh
18	Date of Grant of Mining Lease	07.01.2017
19	Date of Execution	10.01.2017
20	Date of opening of Mine	04.07.2019
21	Date of expiry	09/01/2067
22	Name of the <b>Nominated Owner</b> with Address, phone, email, fax number and date of appointment	Sri Sanjay Jain, Director and Nominated Owner M/s Prakash Industries Limited 15KM Stone, Delhi Road, Hissar-125044 Haryana state E-Mail: <a href="mailto:sanjayjain@prakash.com">sanjayjain@prakash.com</a> , <a href="mailto:sirkaguttumines@prakash.com">sirkaguttumines@prakash.com</a> Ph-09899840008 DOA: 02/08/2022
23	Name of the <b>Mine Agent</b> with Address, phone, email, fax number and date of appointment	Sri Deepak Dash Plot No-. 93, 1 <sup>st</sup> floor, Kharavel Nager, Unit-3,

		Bhubaneswar, Odisha. Mobile No-9437561184 E-mail: deepakdash@prakash.com Date of Appointment : 01.03.2019
24	Name of the <b>Mines Manager</b> with Address, mobile no, email, fax number and date of appointment in mine	Sri Mrutyunjaya Routray, M/s Prakash Industries Limited, Keonjhar, Odisha Mobile No-7978990158 (BSC, AMIE (Mining), 1st Class certificate of competency (Metal R) with 34 Years' experience) Email:- <a href="mailto:sirkaguttumines@prakash.com">sirkaguttumines@prakash.com</a> Date of Appointment :- 01.03.2021
25	Name of the <b>Mining Engineer</b> , Qualification and total experience with Address, mobile no, email, fax/phone number and date of appointment in mine	Sri Janmajaya Satpathy M/s Prakash Industries Limited, Keonjhar, Odisha (B-Tech MINING with 6 years' experience ) Mobile No-797880492 Email:- <a href="mailto:sirkaguttumines@prakash.com">sirkaguttumines@prakash.com</a> Date of Appointment :- 21.07.2018
26	Name of the <b>Geologist</b> , Qualification and total experience with Address, mobile no, email, fax number and date of appointment in mine	Sri Vijay Divakar, M/s Prakash Industries Limited, Keonjhar, Odisha (MSC. Tech (Applied Geology) with 11 years' experience) Mobile No-09685635097 Email:- <a href="mailto:sirkaguttumines@prakash.com">sirkaguttumines@prakash.com</a> Date of Appointment :- 11.03.2019
27	Date of Approval of Mining Plan/Review of Mining Plan/ their modifications with five-year period and specific condition in approval letter, if any.	Approved Modified Review of Mining Plan Letter No. MPM/A/16-ORI/BHU/2021-22 dtd. 18.11.2021 for period 2021-22 to 2025-26. <b>(2136)</b> The Lessee has submitted draft modified RMP on 04/07/2024 and was under process.
28	Mineral (s) granted in lease and proved for mining	Iron ore & Mn-ore ( Mining of Iron ore proposals only)
29	Method of Mining(Open cast, Underground)	Open Cast
30	Category (Fully Mechanised, Others or Manual)	Category "A" Fully Mechanized
31	Captive/Non Captive	Captive
32	Present EC Capacity	1.325 MTPA

**OBSERVATIONS/COMMENTS OF INSPECTING OFFICER:****1)Exploration:---**

SL.No	Item	Proposals (FY 2023-24)	Actual work	Remarks
1a	Backlog of previous year	FY 23-24: NIL;	NIL	NIL
1b	Exploration over lease area for Geological axis 1 or 2.	NA	NA	Entire ML area explored in G-1 level (Potentially

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				mineralized area:11.55 Ha )
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NIL; Entire ML area already explored in G-1 level.	_____
1e	Balance reserves as on 01.04.2024	NA	Iron Ore (+45 % Fe) reserves (111) : 2.64 million tonnes	Based on approved Modified RMP dated 18/11/2021.
<b>1f:</b>	General remarks of inspecting Officer on Geology, exploration etc.	<p>The lease area is a part of eastern limb of Horse-shoe shaped Singhbhum-Bonai-Keonjhar iron ore belt/series/formation. The litho-unit observed at ML as follows: Laterite, Iron ore, Shale BHJ/BHQ,Quartzite. Based on exploration data, the configuration of ore body as follows.</p> <p>700m X 165m X 30m (Avg. Grade of 59.77 %)</p> <p>ML area already explored in G-1 level (50 m X 50 m grid) with 74 nos of core BHs drilled with 2613 total metarge, so far.</p>		

**2)Development:--**

SL. No.	Item	Proposals (FY 2023-24)	Actual work	Remarks
2a	Location of development w.r.t. lease area	QUARRY-I: N2410840 to N2411260; E326980 to E327218	QUARRY-I: N2410860 to N2411260 E327050 to E327210 (Broadly as per the proposals except Non-availability Of Surface Right Of Peripheral Plots Around the Quarry) The Lessee has submitted draft modified RMP on 04/07/2024 and was under process.	_____
2b	Separate benches in topsoil, overburden and mineral	Separate benches in overburden and minerals	As per proposals	_____
2c	Stripping ratio or ore to OB ratio	1:0.45	1:0.35 The Lessee has submitted draft modified RMP on 04/07/2024 and was under process.	Ratio in tonnes/m3 BD:2;
2d	Quantity of topsoil generation in m3	772 Cum	772 Cum	As per Chapter no. 6 of valid

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				document.
2e	Quantity of overburden generation in m3	445,800 m3	297,043 m3 (As reported during inspection ) The Lessee has submitted draft modified RMP on 04/07/2024 and was under process.	V/L issued for wrong reporting at AR.
2f	General remarks of inspecting Officer on development of pit w.r.t. type of deposit etc	Development is being carried out broadly within limit except non-availability Of Surface Right Of Peripheral Plots Around The Quarry. Hence, the lessee already submitted draft modified RMP on 04/07/2024 and was under process.		

**3)Exploitation:--**

SL.No.	Item	Proposals (FY 2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	Quarry-I (01 no. of pit)	Quarry-I (01 no. of pit)	NIL
3b	Quantity of ROM mineral production proposed	1,000,167 Tonnes	850,100 tonnes	Captive mine
3c	Recovery of salable/usable mineral from ROM production	819,381 tonnes 82 % saleable ore	671,855 tonnes 79 % saleable	As reported
3d	Quantity of mineral reject generation	180,786 Tonnes	178, 245 Tonnes (45-55 % Fe)	As reported at AR; Violation issued for wrong reporting at AR.
3e	Grade of mineral reject generation and threshold value declared	MR: 45 to 55 % Fe	MR: 45 to 55 % Fe	Threshold value of Iron Ore : +45 % Fe
3f	Quantity of sub-grade mineral generation	Same as para 3d		Utilization of Sub-grade mineral / mineral reject

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3g	Grade of sub-grade mineral generation	Same as para 3e		During FY-2023-24: 31,830 tonnes (as reported) : However, the the Violation issued for more production & dispatches of Mineral reject/ sub-grade mineral 45-55 % as compare to approved document.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Mechanized	-----
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	NIL	-----
3j	Provision of drilling & blasting in mineral benches	Deep hole drilling & controlled blasting of (100 mm Dia Drilling with Burden 2m & Spacing 2.5m.)	As per proposals.	NIL
3k	Provision of mining machineries in mineral benches	Yes, mining by Excavators & Dumpers Combination.	As per proposals.	-----
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 m bench height with 6 m width.	Broadly as per proposals. The Lessee has submitted draft modified RMP on 04/07/2024 and was under process.	-----
3m	Total area	7.14 Ha.	5.84 Ha.	-----

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	covered under excavation/pits																							
3n	Ore to OB ratio for the pit/mine during the year	1:0.45	1:0.35 The Lessee has submitted draft modified RMP on 04/07/2024 and was under process.	Ratio in tonnes/m <sup>3</sup> BD:2;																				
3o	Total area put in use under different heads at the end of year	<table border="1"> <thead> <tr> <th>Particulars</th> <th>Total Area(Ha) at the end of FY 2023-24</th> </tr> </thead> <tbody> <tr> <td>Area under Mining</td> <td>7.14</td> </tr> <tr> <td>Overburden/Waste dumping</td> <td>2.542</td> </tr> <tr> <td>Mineral Storage</td> <td>1.405</td> </tr> <tr> <td>Area Occupied Infrastructure, plants, buildings, roads etc</td> <td>2.784</td> </tr> </tbody> </table>	Particulars	Total Area(Ha) at the end of FY 2023-24	Area under Mining	7.14	Overburden/Waste dumping	2.542	Mineral Storage	1.405	Area Occupied Infrastructure, plants, buildings, roads etc	2.784	<table border="1"> <thead> <tr> <th>Particulars</th> <th>Total Area(Ha) at the end of FY 2023-24</th> </tr> </thead> <tbody> <tr> <td>Area under Mining</td> <td>5.84</td> </tr> <tr> <td>Overburden/Waste dumping</td> <td>1.81</td> </tr> <tr> <td>Mineral Storage</td> <td>1.84</td> </tr> <tr> <td>Area Occupied Infrastructure, plants, buildings, roads etc</td> <td>2.27</td> </tr> </tbody> </table>	Particulars	Total Area(Ha) at the end of FY 2023-24	Area under Mining	5.84	Overburden/Waste dumping	1.81	Mineral Storage	1.84	Area Occupied Infrastructure, plants, buildings, roads etc	2.27	Broadly within the proposals.
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3p	Production of ROM mineral during last five-years period, as applicable	2019-20: 999,075 2020-21: 580,254 2021-22: 991,358 2022-23: 1,000,167 2023-24: 1,000,167 (Unit: In n tonnes)	2019-20: 87,850 2020-21: 472,660 2021-22: 782,358 2022-23: 608,650 2023-24: 850,100	Unit: In tonnes;																				
3q	General remarks of inspecting Officer on method of mining etc	Open-cast fully mechanized mining method is being carried as per approved modified RMP. However, the lessee could not able to achieve the proposal due to non-availability of surface right of the land in the proposed development area. The lessee already submitted draft modified RMP on 04/07/2024 and was under process.																						

#### 4)Solid Waste Management-Dumping:--

SL.No	Item	Proposals (FY 2023-24)	Actual work	Remarks
.				

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4a	Separate dumping of topsoil, OB & mineral reject	Separate stacking Mineral reject and top soil proposed OB Wastes to be disposed by back-filling.	Broadly as per the proposals except OB disposal by backfilling. The lessee already submitted draft modified RMP on 04/07/2024 and was under process.	NIL
4b	Location of topsoil, OB & mineral reject dumps	Top Soil: N2411240-2411274, E326980-327006  OB: N2410870-241020 E-327160-327220  Mineral Reject Dump E326930-327060 N-2410750 -2410912.	Top Soil N2411240-2411270, E326980-327000  OB N2410870-2410950 E-327170-327220  Mineral Reject Dump N-326930-327055. E-2410800 -2410910.	NIL
4c	Number of dumps within lease area and outside lease area	Within lease-One Out-side lease-NIL	Within lease-one Out- side lease-NIL	NIL.
4d	Location of dumps w.r.t. ultimate pit limit	Proposed Out-side UPL (Dump N2410870-2411020 E-327160-327220)	As per the proposals.	NIL.
4e	Number of active & alive dumps	One active dump	As per the proposals.	NIL
4f	Number of dead dumps	NIL	NIL	NIL
4g	Number of dumps stabilised	No such proposals	NIL	_____
4h	Whether Retaining wall or garland drain all along dumps are	Yes; Retaining wall or garland drain all along dump proposed	Constructed 977 m of Retaining wall and 1050m of garland drains so far.	_____

	there			
4i	Length of Retaining wall or garland drain all along dump	Retaining wall: NIL Garland drain :NIL	Retaining wall & Garland drain maintained around dump	_____
4j	Number of settling ponds	NIL	NIL	_____
4k	Specific comments of inspecting Officer on waste dump management	Overburden wastes management is being carried out as per the approved proposals except OB wastes materials dumping at safety zone of corner BP No. I (Lat: 21 <sup>0</sup> 47'26.77632" & Log: 85 <sup>0</sup> 19'43.31424"). The violation pointed out.		

### 5)Solid Waste Management-Backfilling:--

SL.No	Item	Proposals (FY 2023-24)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Proposal for backfilling is 3.4292 Ha area of exhausted part of quarry No. I	Only 0.48 ha backfilled during year and so far. The lessee already submitted draft modified RMP on 04/07/2024 and was under process.	_____
5b	Area under backfilling of mined out area	3.4292 Ha	0.48 Ha	_____
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	Not Proposed	NIL	_____
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	_____
5e	General remarks of inspecting Officer on backfilling and reclamation etc	Backfilling deviation was due to less production less generation OB wastes than the proposals. The violation already pointed on 1/4/2024 out during previous inspection. The lessee already submitted draft modified RMP on 04/07/2024 and was under process.		

### 6)Progressive Mine Closure Plan:---

SL.N.	Item	Proposals (FY 2023-24)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly -	Before 1 <sup>st</sup> July 2024	Submitted on time.	NIL



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	Rule 26(2). (Hard copy same provided)			
6b	Management of worked/ mined out benches/dumps i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	i)NIL ii) Nil iii) Nil iv) NA v) NA vi) Rs75,000	i) NIL ii) Nil. iii) 750 nos (safety zone) iv) 4590 nos. (Within lease area) v) Plantation vi) Rs. Rs.1,44,000/-	Safety zone Plantation only.
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	i)3.4292 Ha ii) 3.4292 Ha iii)NIL iv)NIL v)NIL	i) 2 ha ii) 0.48 Ha iii)NIL iv)NIL v)NIL	The lessee already submitted draft modified RMP on 04/07/2024 and was under process.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i)750 nos at safety zone ii)0.3 Ha iii)Plantation	i)750 nos at safety zone ii)0.3 Ha iii)Plantation	NIL
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring in Core zone and buffer zone will be as per MOEF &CC and SPCB guidelines.	Environmental monitoring in Core zone and buffer zone was carried out as per the proposals and parameters are within the limit.	NIL
6f	General remarks of inspecting Officer on PMCP compliance & progressive closure	Lessee has implementing PMCP proposals as per approved Modified RMP except back-filling. The violation already pointed on 1/4/2024 out during previous inspection. The lessee already submitted draft modified		

operation etc	RMP on 04/07/2024 and was under process.
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**7)Mineral Conservation:---**

SL.No	Item	Proposals (FY 2023-24)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting to Fines & CLO by crushing and screening within lease area.	As per proposals	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	NIL
7c	Different grade of mineral sorted out at mines	<b>Iron Ore</b> of different size (Fines & CLO) and Grade wise sorting and dispatched (Fines Iron Grade range- 45 to 65% Fe) and CLO (any size 5-18 mm &10-40 mm size)	Fines Iron Grade range- 45 to 55 % Fe (Mineral reject) ; 55 to below 65% Fe and CLO below 62 % Fe (Any size). Violation pointed for production/ generation of 71.7 % mineral reject/sub-grade minerals (45 to 55 % Fe) during said FY as against the approved proposals 20 % only.	_____
7d	Any beneficiation process at mines	None Except dry crushing & screening	As per proposals.	NIL
7e	General remarks of inspecting Officer on mineral conservation & beneficiation issues	There is no mineral conservation issue. State DMG has allowed for conversion of low-grade fines to pellets through external processing Agents/unit and back utilization of same at their captive plant. Moreover, the lessee has also selling ore/mineral as per rule 12B of Mineral (OAHCEM) Concession Rules-2016 based on market demand. The Violation pointed for production/ generation of 71.7 % mineral reject/sub-grade minerals (i.e. Iron ore of 45 to 55 % Fe) during said FY as against the approved proposals 20 % only.		

**8)Environment:--**

SL.No.	Item	Proposals (FY 2023-24)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	Separate removal and utilization of topsoil (772 cum)	As per proposal	_____
8b	Concurrent use or storage of topsoil	utilization of topsoil for plantation	As per proposal	Nil

8c	Separate dumps for overburden, waste rock, rejects and fines	Separate dumping of OB wastes & mineral rejects proposed	Carried out as per approved proposals.	_____
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Backfilling 3.4292 Ha area of exhausted pit	0.48 Ha area back-filled so far. The violation already pointed on 1/4/2024 out during previous inspection. The lessee already submitted draft modified RMP on 04/07/2024 and was under process.	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Backfilling 3.4292 Ha area of exhausted pit	0.48 Ha area back-filled so far. The violation already pointed on 1/4/2024 out during previous inspection. The lessee already submitted draft modified RMP on 04/07/2024 and was under process.	Nil
8f	Baseline information on existence of plantation & additional plantation done	Plantation of 750 Nos of saplings proposed.	750 nos saplings planted within ML and with cumulative 4590 nos of saplings.	_____
8g	Survival rate	73 %	73%	_____
8h	Water sprinkling on roads to control airborne dust	Regular sprinkling of water on Haul roads, crushing & screening plant site and dump location etc using Water tanker to suppress the dust.	Carried out as per the proposals.	_____
8i	General remarks of inspecting Officer on aesthetic beauty in & around mines area.	Aesthetic beauty in & around mines area is good as lessee implementing the PMCP proposal and carried out plantation as per the proposals. The lessee already submitted draft modified RMP on 04/07/2024 and was under process.		

### 9) Compliance of Rule 45

SL.No.	Item	COMMENTS	Remarks.
9a	Status of submission of	Regularly submitting the MRs/ARs on-time. However, the S/c notice already issued on 22/7/2024 for one day	Nil

	Monthly and Annual returns	delay submission of MR June -2024 .																				
S.N.	Item	Details GIVEN in A.R. 2023-24	Actual in field	_____																		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager: Shri Mrutujanja Routray Mining Engineer: Shri Janmejaya Satpathy Geologist: Shri Vijay Diwakar	Actual also the same.	_____																		
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(1) Covered under current (O/C) Workings- 5.422 Ha (2) Used for Waste Disposal- 1.77 Ha (3) Area reclaimed: 0.48 Ha (4) Occupied by buildings, residential, welfare, buildings etc- 0.5 Ha (5) Other Purpose (including Mineral Storage Mineral separation plant +Road)- 3.684 Ha	Broadly, actual also as per AR.	_____																		
9d	Scrutiny of Annual return on afforestation	750 nos (WML)	Actual also as per AR	_____																		
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	During year-23-24 (Generated) <table border="1" data-bbox="596 1086 975 1283"> <tr> <td>Iron Unprocessed Ore (45-55 % Fe)</td> <td>NIL</td> </tr> <tr> <td>Iron Processed Ore (45-55 % Fe)</td> <td>178245 tonnes</td> </tr> </table>	Iron Unprocessed Ore (45-55 % Fe)	NIL	Iron Processed Ore (45-55 % Fe)	178245 tonnes	Information furnished was not correct considering MR grade at approved modified RMP.	Violation issued.														
Iron Unprocessed Ore (45-55 % Fe)	NIL																					
Iron Processed Ore (45-55 % Fe)	178245 tonnes																					
9f	Scrutiny of Annual return on ROM stock and/or graded ore	As on 31.03.2024 Stock Iron ROM: 7,25,493 tonnes <table border="1" data-bbox="596 1464 975 2024"> <tr> <th colspan="2">Fines closing stock in tonnes</th> </tr> <tr> <td>45 % to below 51 % Fe</td> <td>4,889</td> </tr> <tr> <td>51%- below 55 % Fe</td> <td>14,703</td> </tr> <tr> <td>55%- below 58%Fe</td> <td>2,117</td> </tr> <tr> <td>58%- below 60%Fe</td> <td>3,939</td> </tr> <tr> <td>60%- below 62%</td> <td>8,005</td> </tr> <tr> <td>62%- below 65%Fe</td> <td>2412</td> </tr> <tr> <td>65%Fe and above</td> <td>NIL</td> </tr> <tr> <th colspan="2">CLO stock in tonnes</th> </tr> </table>	Fines closing stock in tonnes		45 % to below 51 % Fe	4,889	51%- below 55 % Fe	14,703	55%- below 58%Fe	2,117	58%- below 60%Fe	3,939	60%- below 62%	8,005	62%- below 65%Fe	2412	65%Fe and above	NIL	CLO stock in tonnes		Appear to be correct.	Violation issued for clarification of lumps production during FY.
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65%Fe and above	NIL																					
CLO stock in tonnes																						

		below 62% Fe (any size)	3752		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production: Rs-1047.58 per tonne; Ex-mine price: <b>Ex-mine Price of Iron ore Fines in Rs per tonne</b>		Appear to be correct except ex-mine price of CLO below 62% Fe (any size) as captive consumption.	Violation issued.
		45 % to below 51 % Fe	2221		
		51%- below 55 % Fe	2121		
		55%- below 58%Fe	2818		
		58%- below 60%Fe	3817		
		60%- below 62%	3200		
		<b>Ex-mine Price for CLO in Rs per tonne</b>			
		below 62% Fe (any size)	1615		
9i	Scrutiny of Annual return on fixed assets	Fixed Value of Assets: Rs 14,11,58,724		Appear to be correct.	_____
9k	Scrutiny of Annual return on mining machineries	Shovel (Hydraulic 0.9 cum): 2 nos; Shovel (Hydraulic 1.8 cum): 2 nos; Wheel Loader:2 nos; Dumpers: 5 nos ; Rock Drill (100 mm): 1 nos; Water tanker: 2 nos; Crusher: 1 nos;		Observed to be correct.	_____

**(10) Violation observed during current inspection and compliance position of earlier violation pointed out:**

(a) Compliance position of earlier violation pointed out: During last inspection dated 15/03/24, the violation of rule 11(1) of MCDR 2017 was pointed out on 01/04/2024 and the compliance of said rule kept abeyance till the approval of modified RMP.

(b) During current inspection: The violation of Rules 11(1), 35(2) & 35(4B) and 45(7) of MCDR 2017 have been observed and the violation letter issued on 21/08/2024.

Date: 21/08/2024

(Prashant S. Hegde)  
Regional Mining Geologist