

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	Roida-C Iron & Manganese Mine
2	Date of inspection	26-04-2024
3	Name of inspecting officer	Prashant S Hegde, RMG
4	Name accompanying mine officials	S/Shri Pradip Kumar Sahoo, QP & Sr. Manager (Mining), Uday Sankar Pattanaik, Mines Manager, Biswa Prakash Sahu, Mining Engineer, Zeeshan Ahmad, Geologist and other mine officials.
5	Last date of Inspection & Officer	02/05/2023 Shri Sanjay Kumar Mahapatra, then AME
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	192.81 Ha (Entire area within reserve forest)
7	Minecode	30ORI08066
8	IBM Registration Number under rule 45 of MCDR, 2017	IBM/4269/2011
9	Name of the lessee, Address, phone, email and fax number	M/s Odisha Mining Corporation Ltd. A Govt. of Odisha Undertaking OMC House, Unit-5, Post Box No.-34, Bhubaneswar Phone No-06742392778 Email: info@odishamining.in Fax No-06742396889
10	Village	Kolha –Roida
11	Taluka/Mandal	Bhadrasahi
12	District	Keonjhar
13	Pincode	Pin-758036
14	State	Odisha
15	Post office	Barbil
16	Nearest police station	Rugudih
17	Nearest Railway station	Barbil
18	Date of Grant of Mining Lease	08-02-1977
19	Date of Execution	30-12-1985
20	Date of opening of Mine	10.04.1996
21	Date of expiry	07.02.2027
22	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Balwant Singh, IAS, Managing Director & Nominated Owner of M/s Odisha Mining Corporation Limited OMC HOUSE, POST BOX NO-34, BHUBANESWAR, ODISHA-751001 PH:06742377401, E-Mail: md@odishamining.in D.O.A-16/06/2021
23	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Abanikanta Pradhan, At-Kolha-Roida, Po-Bhadrasahi, Via-Barbil, Mob no-9437431943 Email-apradhan@odishamining.in

		DoA: 30.09.2022
24	Name of the Mines Manager with Address, mobile no, email, fax number and date of appointment in mine	Shri Uday Sankar Pattanaik B.E. with 1 st class Mines Manager, Exp.17 yrs. At-Kolha-Roida, Po-Bhadrasahi, Via-Barbil, Ph No:9437888304, Mail id- manageromcroidac@gmail.com DoA: 01.10.2022
25	Name of the Mining Engineer , Qualification and total experience with Address, mobile no, email, fax/phone number and date of appointment in mine	Shri Biswa Prakash Sahu, B.Tech (Mining), Exp. 15 yrs. Address: Matkambeda,758036,Keonjhar,Odisha Ph No: 9438117866 Mail id: idcmining@gmail.com DOA: 31.10.2021,
26	Name of the Geologist , Qualification and total experience with Address, mobile no, email, fax number and date of appointment in mine	Shri Zeeshan Ahmad Intg M.Sc.(Applied Geology) Exp. 08 yrs. Mail id: zeeshan.ahmad@odishamining.in Mob: 9167849834 DOA: 20.10.2022
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 Review of Mining Plan Letter No. RPM/A/25-ORI/BHU/2021-22 dtd. 23.11.2021 for period from 2022-23 to 2026-27 upto 7/2/27. (No. 2133)
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)	Fully Mechanized
31	Captive/Non Captive	Non-Captive
32	Present EC Capacity	0.46 MTPA (Iron ore) + 0.007 MTPA (Mn- ore)

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

SL.No	Item	Proposals (FY 2023-24)	Actual work	Remarks
1a	Backlog of previous year	FY 22-23: 9 Nos of core BHs: FY 23-24: 106 Nos of core BHs (100mX 100M grid to end of mineralization)	FY 22-23: 55 Nos of core BHs with 4688 total meterge ; FY 23-24: 60 nos core BHs with 3019 total meterge (100mX 100M grid to end of mineralization)	All proposed 115 nos BHs were drilled.
1b	Exploration over lease area for Geological axis 1 or 2.	Conversion of entire area under G-1	G-1: 40.72 Ha; Proved Non-Mineralized	Potentially mineralized area explored in G-1

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			area area (under-G-1, G2/ G-3) : 152.09 Ha	level
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	M/s Maheswari Mining Pvt. Ltd. Expenditure during the year Apx. 170 Lakhs	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NIL; Potentially mineralized area already explored in G-1 level.	_____
1e	Balance reserves as on 01.04.2024	NA	Iron Ore (+45 % Fe) reserves (121) : 3.823 million tonnes; Mn-Ore(+10% Mn) (122) 39,546 tonnes	Based on approved RMP dated 23.11.2021.
1f:	General remarks of inspecting Officer on Geology, exploration etc.	The lease area occupies the western flank of the eastern limb of the Horse-shoe shaped synclinorium, which is known as Singhbhum-Bonai-Keonjhar iron ore belt/series/formation. The litho-units observed at ML as follows: Laterite, Iron ore, Chert & Cherty Quartzite with Mn-ore, BHQ/BHJ, Shale. Based on exploration data, the configuration of ore body as follows. Iron ore: 640m X 610m X 47m (Avg. 59 % Fe) Mn-ore: 200mX 60m X 30m (10 to 49 % Mn) Potentially mineralized area was already explored in G-1 level.		

2)Development:--

SL. No.	Item	Proposals (FY 2023-24)	Actual work	Remarks
2a	Location of development w.r.t. lease area	2437268N-2437385N 334395E-334850E (Main pit & Crusher pit)	2437277N-2437775N 334559E-334927E (Main pit only due to backlog of previous year)	Draft Modified RMP submitted on 21/03/2024 & under process.
2b	Separate benches in topsoil, overburden and mineral	Separate benches in overburden and minerals ; No top-soil generation;	As per proposals	_____
2c	Stripping	1:0.45	1:0.95	Ratio in

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	ratio or ore to OB ratio		Due to backlog of development handlings. Draft Modified RMP submitted on 21/03/2024 & under process.	tonnes/m3 BD:2.2;
2d	Quantity of topsoil generation in m3	No proposals	Nil	_____
2e	Quantity of overburden generation in m3	206,830	399,496	Due to backlog of previous FY.
2f	General remarks of inspecting Officer on development of pit w.r.t. type of deposit etc	Deviation in location and generation OB generation has been occurred due to backlog of previous year. Subsequently, draft Modified RMP submitted on 21/03/2024 due to collapse/side-down of benches at western part of main pit & was under process.		

3)Exploitation:--

SL.No.	Item	Proposals (FY 2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	Two nos of Pits (Main Pit & Crusher Pit)	Single pit (Main pit only due to backlog of previous year)	Modified RMP submitted on 21/03/2024 & under process.
3b	Quantity of ROM mineral production proposed	459,990 tonnes	421,650 tonnes	Within the limit.
3c	Recovery of salable/usable mineral from ROM production	328,890 Tonnes 71 %	369,800 Tonnes (+58% Fe) 87 % including blended quantity.	Due to blending of 88,847 tonnes of <58 % Fe ore
3d	Quantity of mineral reject generation	131,100 Tonnes (45 to 58 % Fe)	Total of 139,097 Tonnes (45 to 58 % Fe)	As reported by the lessee, 88,847 tonnes of MR utilized by blended with high grade ore & 50,250 tonnes stocked.

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3e	Grade of mineral reject generation and threshold value declared	MR: 45 to 58 % Fe	MR: 45 to 58 % Fe	Threshold value of Iron Ore : +45 % Fe
3f	Quantity of sub-grade mineral generation	Same as para 3d		As reported utilization of Sub-grade mineral / mineral reject during FY-2023-24 is 88,847 tonnes
3g	Grade of sub-grade mineral generation	Same as para 3e		
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 & blasting with 100 mm dia. of holes. Drilling Pattern: Burden 2.0-2.5m & spacing 2.5-3m; Drill holes will be in single row as well as multi rows on staggered pattern	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	9m bench height with 15 m width.	As per proposals except western part of main pit due to collapse/side-down of benches and no operation at that site. Slope Stability Study of Mine Pit was carried out by	Modified RMP submitted on 21/03/2024 & was under process.

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	mining proposed in MP/SOM		DEPARTMENT OF MINING ENGINEERING, NATIONAL INSTITUTE OF TECHNOLOGY , ROURKELA, on Nov 2023 and implementing the same.																									
3m	Total area covered under excavation/ pits	31.136 Ha.	29.51 Ha.																									
3n	Ore to OB ratio for the pit/mine during the year	1:0.45	1:0.95 Due to backlog of development handlings. Draft Modified RMP submitted on 21/03/2024 & was under process.	Ratio in tonnes/m3 BD:2.2;																								
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 Plan period</th> </tr> </thead> <tbody> <tr> <td>Area under Mining</td> <td>31.136</td> </tr> <tr> <td>Overburden/ Waste dumping</td> <td>28.85</td> </tr> <tr> <td>Mineral Storage</td> <td>7.447</td> </tr> <tr> <td>Area Occupied Infrastructure, plants, buildings , roads etc</td> <td>8.45</td> </tr> <tr> <td>Others</td> <td>7.138</td> </tr> </tbody> </table>	Particulars	Total Area(Ha) at the end of Plan period	Area under Mining	31.136	Overburden/ Waste dumping	28.85	Mineral Storage	7.447	Area Occupied Infrastructure, plants, buildings , roads etc	8.45	Others	7.138	<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>29.51</td> </tr> <tr> <td>Overburden/ Waste dumping</td> <td>25.19</td> </tr> <tr> <td>Mineral Storage</td> <td>7.45</td> </tr> <tr> <td>Area Occupied Infrastructure, plants, buildings , roads etc</td> <td>8.32</td> </tr> <tr> <td>Others</td> <td>6.78</td> </tr> </tbody> </table>	Particulars	Total Area(Ha) at the end of FY 2023-24	Area under Mining	29.51	Overburden/ Waste dumping	25.19	Mineral Storage	7.45	Area Occupied Infrastructure, plants, buildings , roads etc	8.32	Others	6.78	NIL
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3p	Production of ROM mineral during last five-years period, as applicable	2019-20 :459,990 2020-21 : 459,990 2021-22: 459,990 2022-23: 459,990 2023-24: 459,990	2019-20 :309,020 2020-21 :232,370 2021-22: 429,690 2022-23: 145,220 2023-24: 421,650	Unit: In tonnes; Iron ore only.																								
3q	General remarks of inspecting Officer on method of mining etc		Open-cast fully mechanized mining method is being carried as per approved RMP. Draft Modified RMP submitted on 21/03/2024& 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	No Top soil Generation; Separate stacking/dumping Mineral reject and OB.	Broadly as per the proposals.	NIL
4b	Location of topsoil, OB & mineral reject dumps	Top Soil- NIL Mineral Reject:-708-855N/ 612-686W OB:-Disposal of OB wastes by backfilling at exhausted part of main pit.	As per the proposals except OB disposal by backfilling. Backfilling was not carried out due to backlog of previous FY & ore/mineral not exhausted completely at proposed location. and OB disposals at OB Dump-3 2438032N-24378353N 334230E-334582E OB Dump-8 2437745N-2438051N 334547E-334800E OB Dump-6 2438197N-2438383N 334625E-334955E Draft Modified RMP submitted on 21/03/2024 with backfilling proposals from 2024-25 onwards. & was under process.	NIL
4c	Number of dumps within lease area and outside lease area	Within lease-7 Nos Out-side lease-NIL	Within lease-7 Nos Out- side lease-NIL	NIL.
4d	Location of dumps w.r.t. ultimate pit limit	Proposed Out-side UPL	As per the proposals.	NIL.
4e	Number of active & alive dumps	3 nos	3 nos	NIL
4f	Number of dead dumps	4 nos	4 nos	NIL

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4g	Number of dumps stabilised	No such proposals	4 nos so far	_____
4h	Whether Retaining wall or garland drain all along dumps are there	Yes; Retaining wall or garland drain all along dump	Constructed Retaining wall or garland drains all along dumps	_____
4i	Length of Retaining wall or garland drain all along dump	No such proposals during FY 2023-24.	Retaining wall: Cum. of 5293 m so far. Garland drain : Cum. of 3542 m so far.	NIL.
4j	Number of settling ponds	NIL	NIL	7 nos so far.
4k	Specific comments of inspecting Officer on waste dump management	Backfilling was not carried out due to backlog of previous FY & ore/mineral not exhausted completely at proposed location. Subsequently, draft Modified RMP submitted on 21/03/2024 with backfilling proposals from 2024-25 onwards. & was under process.		

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	3.3 Ha area mined out	NIL	_____
5b	Area under backfilling of mined out area	2.298 Ha	NIL; due to backlog of previous FY & ore/mineral not exhausted completely at proposed location.	_____
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	NIL	NIL	_____
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	_____
5e	General remarks of inspecting Officer on backfilling and reclamation	Backfilling was not carried out due to backlog of previous FY & ore/mineral not exhausted completely at proposed location. Subsequently, draft Modified RMP		

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etc	submitted on 21/03/2024 with backfilling proposals from 2024-25 onwards. & was under process.
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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 - Rule 26(2). (Hard copy same provided)	Before 1 st July 2024	Not due for submission at time of inspection.	NIL
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) 2 Ha iii) 5000 nos iv) NA v) Plantation vi) NA	i) Nil ii) 4.963 Ha. iii) 7941 nos. (at dumps slope) iv) 1,60,119 nos. (Within lease area) v) Plantation vi) Rs. 106.8 lakhs (As reported)	NIL
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) 2.298 Ha ii) 2.298 Ha iii) NIL iv) NIL v) NIL	i) NIL ii) NIL; Backfilling was not carried out due to backlog of previous FY & ore/mineral not exhausted completely at proposed location. iii) NIL iv) NIL v) NIL	Subsequently, draft Modified RMP submitted on 21/03/2024 with backfilling proposals from 2024-25 onwards. & was under process.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha)	i) NIL ii) Nil iii) Nil	i) NIL ii) Nil iii) Nil	NIL

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	iii) Method of rehabilitation			
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 operation etc	Lessee has implementing PMCP proposals except backfilling proposals, as per approved RMP. Backfilling was not carried out due to backlog of previous FY & ore/mineral not exhausted completely at proposed location. Subsequently, draft Modified RMP submitted on 21/03/2024 with backfilling proposals from 2024-25 onwards. & was under process.		

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	Iron Ore of different size (Fines & CLO) and Grade wise sorting and dispatched (Fine Iron Grade range- below 58 % Fe and above 58 % Fe) and CLO (5-18 mm &10-40 mm size)	As per proposals (Fines Iron Grade range: 51 to 55 % Fe and 55 to 58 % Fe and 58-60% Fe) and CLO: below 62 % Fe(any size), 62 to 65 % Fe (5-18 mm and 10-40 mm size)	NIL
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	Grade-wise soring to fines/CLO & dispatches of ore/mineral as per the proposals and there is no mineral conservation issue.		

8)Environment:--

SL.No.	Item	Proposals (FY 2023-24)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	No such proposals.	Nil	---

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8b	Concurrent use or storage of topsoil	No such proposals.	Nil	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	Back-filling of 2.298 Ha at exhausted part of main pit.	NIL; Due to backlog of previous FY & ore/mineral not exhausted completely at proposed location.	Subsequently, draft Modified RMP submitted on 21/03/2024 with backfilling proposals from 2024-25 onwards. & was under process.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No such proposals	NIL	Nil
8f	Baseline information on existence of plantation & additional plantation done	Plantation of 5000 Nos of saplings	7941 nos saplings planted within ML during year 23-24 with cumulative 1,60,119 nos of saplings.	As reported.
8g	Survival rate	70	85 %	As reported.
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.		

9) Compliance of Rule 45

SL.No.	Item	COMMENTS	Remarks.
9a	Status of submission	Regularly submitting the MRs/ARs on-time.	Nil

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	of Monthly and Annual returns	Submission of AR 2023-24 was not due at time of inspection and scrutiny of AR 2022-23 has been made.																								
S.N.	Item	Details GIVEN in A.R. FY-2022-23	Actual in field	_____																						
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager: Shri Uday Sankar Pattanaik Mining Engineer: Shri Biswa Prakash Sahu Geologist: Shri Zeeshan Ahmad	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- 26.984Ha (2) Used for Waste Disposal- 25.084 Ha (3) Occupied by plant, buildings, residential, welfare, buildings and roads- 6.95 Ha (4) Other Purpose (including Mineral Storage)- 16.085 Ha	Actual also as per AR-2022-23.	_____																						
9d	Scrutiny of Annual return on afforestation	5000 nos (WML)	Actual also as per AR 2022-23.	_____																						
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	During year-22-23 (Generated) <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Iron Unprocessed Ore (45-58 % Fe)</td> <td>NIL</td> </tr> <tr> <td>Iron Processed Ore (45-58% Fe)</td> <td>33,749 tonnes</td> </tr> </table>	Iron Unprocessed Ore (45-58 % Fe)	NIL	Iron Processed Ore (45-58% Fe)	33,749 tonnes	Actual also as per AR .	_____																		
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9f	Scrutiny of Annual return on ROM stock and/or graded ore	As on 31.03.2023 tonnes Stock Iron ROM: 2559 tonnes <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">Lumps closing stock in tonnes</td> </tr> <tr> <td>62%- below 65 % Fe</td> <td style="text-align: center;">440</td> </tr> <tr> <td>65%Fe and above</td> <td style="text-align: center;">49</td> </tr> <tr> <td colspan="2" style="text-align: center;">Fines closing stock in tonnes</td> </tr> <tr> <td>45%- below 51 % Fe</td> <td style="text-align: center;">20,834</td> </tr> <tr> <td>51%- below 55%Fe</td> <td style="text-align: center;">72,962</td> </tr> <tr> <td>55%- below 58%Fe</td> <td style="text-align: center;">1,37,562</td> </tr> <tr> <td>58%- below 60%Fe</td> <td style="text-align: center;">40,755</td> </tr> <tr> <td>60%- below 62%</td> <td style="text-align: center;">41</td> </tr> <tr> <td colspan="2" style="text-align: center;">CLO stock in tonnes</td> </tr> <tr> <td>Below 62%</td> <td style="text-align: center;">18,574</td> </tr> </table>	Lumps closing stock in tonnes		62%- below 65 % Fe	440	65%Fe and above	49	Fines closing stock in tonnes		45%- below 51 % Fe	20,834	51%- below 55%Fe	72,962	55%- below 58%Fe	1,37,562	58%- below 60%Fe	40,755	60%- below 62%	41	CLO stock in tonnes		Below 62%	18,574	Appear to be correct at that time.	_____
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9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production: Rs-2515.7 per tonne; Ex-mine price: <table border="1"> <tr> <th colspan="2">Ex-mine Price of Iron ore Fines in Rs per tonne</th> </tr> <tr> <td>58%- below 60% Fe</td> <td>2780.58</td> </tr> <tr> <th colspan="2">Ex-mine Price for CLO in Rs per tonne</th> </tr> <tr> <td>below 62% Fe (any size)</td> <td>7653.43</td> </tr> <tr> <td>62%-65% Fe (5-18 mm Size)</td> <td>7379.91</td> </tr> </table>	Ex-mine Price of Iron ore Fines in Rs per tonne		58%- below 60% Fe	2780.58	Ex-mine Price for CLO in Rs per tonne		below 62% Fe (any size)	7653.43	62%-65% Fe (5-18 mm Size)	7379.91	Appear to be correct.	_____
Ex-mine Price of Iron ore Fines in Rs per tonne														
58%- below 60% Fe	2780.58													
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below 62% Fe (any size)	7653.43													
62%-65% Fe (5-18 mm Size)	7379.91													
9i	Scrutiny of Annual return on fixed assets	Fixed Value of Assets: Rs 2,28,13,637	Appear to be correct.	_____										
9k	Scrutiny of Annual return on mining machineries	Back Hoe: 5 nos; Wheel Loader:1 nos; Dumpers: 10 nos ; Rock Drill (100 mm): 1nos; Water tanker: 2nos; 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 02/05/23, the violation of rules 11(1), 12(1) and 12(4) of MCDR 2017 were pointed out and subsequently, said rule complied on 03/07/23.

(b) During current inspection: No serious violations observed during current inspection.

(11) On-line validation of star rating of templates submitted under rule 35 (FY-2022-23) has been made on 22/12/23 for Three star at RO level.

(12) The lessee was submitted DAI/drone survey data under rule 34A for FY 22-23 on 13/06/23. The submission of DAI/drone survey data i.r.o. FY 2023-24 was not due at time of inspection.

Date: 15/05/2024

(Prashant S. Hegde)
Regional Mining Geologist