

**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	Siljora Kalimati Iron and Manganese Ore Mine /block
2	Date of inspection	<b>25-04-2024</b>
3	Name of inspecting officer	Prashant S Hegde, RMG
4	Name accompanying mine officials	S/Shri D.N Parida, Mines Agent, Prafulla Kumar Parida, QP & DGM(Geology), Janmejy Mohanta, Mines Manager, Mohammad Shahrukh, Mining Engineer and other mine officials.
5	Last date of Inspection & Officer	01/06/2023 Shri Rajanikanta Rautaray, AME
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	713.51 Ha (Forest: 509.71 Ha + Non-Forest : 203.80 Ha)
7	Minecode	40ORI08061
8	IBM Registration Number under rule 45 of MCDR, 2017	IBM/23029/2020
9	Name of the lessee, Address, phone, email and fax number	Shri Debabrata Behera 1234/P Govind Prasad, Bomikhal, Rasulgarh, Bhubaneswar State-Odisha, Pin code-751010 Phone No- 06742549944 Fax No- 06742549944 Email- <a href="mailto:dbmines2020@gmail.com">dbmines2020@gmail.com</a>
10	Village	Siljora
11	Taluka/Mandal	Barbil
12	District	Keonjhar
13	Pincode	758086
14	State	Odisha
15	Post office	Siljora
16	Nearest police station	Bamberi
17	Nearest Railway station	Nayagarh
18	Date of Grant of Mining Lease	26.06.2020
19	Date of Execution	27.06.2020
20	Date of opening of Mine	25.07.2020
21	Date of expiry	26/06/2070
22	Name of the <b>Nominated Owner</b> with Address, phone, email, fax number and date of appointment	Shri Debabrata Behera 1234/P Govind Prasad, Bomikhal, Rasulgarh, Bhubaneswar State-Odisha, Pin code-751010 Phone No- 06742549944 Fax No- 06742549944 Email- <a href="mailto:dbmines2020@gmail.com">dbmines2020@gmail.com</a>
23	Name of the <b>Mine Agent</b> with Address, phone, email, fax number and date of appointment	Shri D.N. Parida At/Po: Baneikala, Joda Dist-Keonjhar, Pin-758034 State-Odisha

I/32093/2024

		Date Of Apointment-07.09.2020
24	Name of the <b>Mines Manager</b> with Address, mobile no, email, fax number and date of appointment in mine	Shri Janmejy Mohanta Diploma in Mining Vill.- Siljora Po- Siljora Dist-Keonjhar Odisha, 758086 Phone No-8480216106 <a href="mailto:jmohanta27@gmail.com">Email: jmohanta27@gmail.com</a> Date of Appointment – 12.05.2021 Experience-30 years
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	Mohammad Shahrukh (Mining Engineer) B.Tech. Mining At/Po- Siljora Vill.-Siljora Dist-Keonjhar Odisha,758086 Ph. No.-7656816068 Email-mdshahrukh2025@gmail.com Date Of Apointment-04.03.2023 Experience- 5 years
26	Name of the <b>Geologist</b> , Qualification and total experience with Address, mobile no, email, fax number and date of appointment in mine	Shri Prafulla Kumar Parida, M.Sc (Geology), At/Po- Barbil Dist- Keonjhar Odisha,758035 Ph. No.-9437009087 Experience-29 years Date Of Apointment-15.04.2022 E-Mail: paridaprafulla1@gmail.com
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 Mining Plan Letter No. BBS/KJR/IRON-MN/2170/MPM/2022-23 dated 30/06/2022 for period from 2022-23 to 2024-25
28	Mineral (s) granted in lease and proved for mining	Manganese ore and Iron ore
29	Method of Mining(Open cast, Underground)	Open cast
30	Category (Fully Mechanised, Others or Manual)	A-Fully Mechanized
31	Captive/Non Captive	Non-captive
32	Present EC Capacity	0.189 MTPA for Mn-ore and 0.136 MTPA for Iron ore.

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

SL.No	Item	Proposals (FY 2023-24)	Actual work	Remarks
1a	Backlog of previous year	FY-22-23:157 nos of BHs; FY-23-24: 82	2022-23: 76 nos of DTH BHs drilled with	V/L issued for deviation in exploration.

I/32093/2024

		nos of BHs; Depth of each BH 70 m and 100 m X 50 m (Type of BHs not specified)	1874 total meterage FY-23-24:NIL	
1b	Exploration over lease area for Geological axis 1 or 2.	Exploration of remaining area to G-1 level	G-1: 476.59 Ha G-2: 236.92 Ha	As reported.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	Reported to Nil during FY 2023-24	_____
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	Balance of mineralized G-2 area to be explored to G-1 level.	_____
1e	Balance reserves as on 01.04.2024	NA	Mn- Ore (+10 % Mn) reserves (111+122): 3.108 million tonnes; Iron Ore (+45 % Fe) reserves ( 111+122) : 10.68 million tonnes	Based on approved Modified MP dated 30.06.2022
<b>1f:</b>	General remarks of inspecting Officer on Geology, exploration etc.	Area is a part of the horse shoe shaped synclinorium of Singhbhum-Keonjhar-Bonai belt/series/formation Mn-ore occurs as lenses & pockets within the Laterite & Shale till upto a depth of 70m at upper portion with overall depth of apx. 50-55 m only. The litho-units observed at ML as follows: Laterite, Lateritic iron ore, Mn-ore embedded within laterite & Manganiferous shale, Variegated shale, Hard shale with Quarzite etc. Based on exploration data of approved Modified MP, the configuration of ore body as follows. Iron ore: 340m X 300m X 70m (45 to 69 % Fe) Mn-ore: 1000mX 1000m X 70m (10 to 50 % Mn) V/L issued for deviation in exploration.		

**2)Development:--**

SL. No.	Item	Proposals (FY 2023-24)	Actual work	Remarks
2a	Location of development w.r.t. lease area	BLOCK-1 (2421287N-2421531N, 332266E-332440E) BLOCK-2 (2420349N-2420533N, 332554E-332625E, 2419974N-2420166N, 332804-332909E)	Broadly within the limit of proposals.	Blocks 1 to 5 for Mn-ore

I/32093/2024

		BLOCK-3 (2420848N-2421129N, 333095E-333265E) BLOCK-4 (2420378N-2420586N, 333036E-333172E) BLOCK-5 (2419783N-2420324N, 333689E-333985E) BLOCK-6(Iron_ore) (2418988N-2419102N, 333988E-334283E)		
2b	Separate benches in topsoil, overburden and mineral	Separate benches for OB and Ore maintained (wherever possible due to pocket deposit nature of manganese ore).	As per the proposals.	_____
2c	Stripping ratio or ore to OB ratio	1: 12	1:8.55 Violation issued for deviation.	Ratio in tonnes/m3 For Mn-ore only BD:2
2d	Quantity of topsoil generation in m3	No proposals	Nil	_____
2e	Quantity of overburden generation in m3	2,268,036 Cum	1,299,763 Cum	As reported.
2f	General remarks of inspecting Officer on development of pit w.r.t. type of deposit etc	Development is being carried out within the limit as per approved modified MP. It is an auction mine of ML expired on 31/3/2020 with Final Bid premium of 154 %. However, V/L issued for deviation in stripping ratio due to less generation of OB wastes.		

**3)Exploitation:--**

SL.No.	Item	Proposals (FY 2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	6 Nos. (Pit/blocks nos. 1 to 5 for Mn-Ore and Pit/block no.6 for iron ore )	6 Nos. (Pit/blocks nos. 1 to 5 for Mn-Ore and Pit/block no.6 for iron ore )	_____
3b	Quantity of	Mn-Ore:	Mn-Ore:	As reported

I/32093/2024

	ROM mineral production proposed	1,89,000 tonnes Iron Ore: 1,36,000 tonnes	1,52,082 tones Iron Ore: 5,103 tonnes Within limit.	less production iron ore due to local issues/problems.
3c	Recovery of salable/usable mineral from ROM production	90% (1,70,100 Mn-ore: >25 % Mn)	8 % (12,404 tonnes Mn- ore >25 % Mn) The violation already pointed out regarding major variation in grade of Manganese Ore produced in mine on 09.06.2023 during last inspection dated 01.06.2023 and not yet complied so far. Subsequently, the lessee has submitted draft modified MP on 26/03/2024 with upgradation Of low-Grade Manganese Ore reserves/resources and change in grade of Mn-ore production and was under process.	AR not yet received. No dispatch of Iron ore.
3d	Quantity of mineral reject generation	Mn Ore: 18,900Tonnes	Mn Ore: 1,39,678 Tonnes Action already taken as stated at para no. 3c	AR not yet received. No dispatch of Iron ore; It is reported by the lessee that proposed quantity of high grade ore (> 25 % Mn) not available in the mine.
3e	Grade of mineral reject generation and threshold value declared	MR: Mn ore:10 to <25 % Mn Iron Ore : 45 to < 55 % Fe	MR: Mn ore:10 to <25 % Mn Iron Ore : 45 to < 55 % Fe	Threshold value of Iron Ore : +45 % Fe ; & Mn-ore +10 % Mn;
3f	Quantity of sub-grade mineral generation	Same as para 3d		Sub-grade mineral/mineral reject are being stacked
3g	Grade of	Same as para 3e		

I/32093/2024

	sub-grade mineral generation			separately & MR of Mn ore is being utilized based on market demand.
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	Manual	Sorting and picking of ore from ROM by Masdoor / laborer.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No such proposals during FY.	NIL	_____
3j	Provision of drilling & blasting in mineral benches	Yes; Deep Hole drilling and blasting (110 mm dis. Hole) was proposed keeping depth 6.6m, spacing up to 2.5m, burden 2m ; few rock breakers will be used for hard Ore breaking.	As per the proposals.	_____
3k	Provision of mining machineries in mineral benches	Yes; Excavators and Dumpers combination.	As per the proposals.	_____
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench Height: 6 m Bench Width: 9 m	Broadly as per the proposals.	_____
3m	Total area covered under excavation/ pits	153.063 ha Ha (For end of FY).	150.25 Ha. as on 01.04.2024	As reported.
3n	Ore to OB ratio for the pit/mine during the	1: 12	1:8.55 Violation issued for deviation.	Ratio in tonnes/m <sup>3</sup> For Mn-ore only

1/32093/2024

	year				BD:2																			
3o	Total area put in use under different heads at the end of year	<table border="1"> <tr> <td>Particulars</td> <td>Total Area(Ha) at the end of Plan period i.e.FY 2023-24</td> </tr> <tr> <td>Area under Mining</td> <td>153.063</td> </tr> <tr> <td>Overburden/Waste dumping</td> <td>53.60</td> </tr> <tr> <td>Mineral Storage</td> <td>63.872</td> </tr> <tr> <td>Area Occupied Infrastructure, plants, buildings , roads etc</td> <td>38.48</td> </tr> </table>	Particulars	Total Area(Ha) at the end of Plan period i.e.FY 2023-24	Area under Mining	153.063	Overburden/Waste dumping	53.60	Mineral Storage	63.872	Area Occupied Infrastructure, plants, buildings , roads etc	38.48	<table border="1"> <tr> <td>Particulars</td> <td>Total Area(Ha) at the end of FY 2023-24</td> </tr> <tr> <td>Area under Mining</td> <td>150.25</td> </tr> <tr> <td>Overburden/Waste dumping</td> <td>53.60</td> </tr> <tr> <td>Mineral Storage</td> <td>63.87</td> </tr> <tr> <td>Area Occupied Infrastructure, plants, buildings , roads etc</td> <td>38.48</td> </tr> </table>	Particulars	Total Area(Ha) at the end of FY 2023-24	Area under Mining	150.25	Overburden/Waste dumping	53.60	Mineral Storage	63.87	Area Occupied Infrastructure, plants, buildings , roads etc	38.48	As reported and AR not yet received.
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			Broadly within the proposals.																					
3p	Production of ROM mineral during last five-years period, as applicable	<b>FY 2020-21:</b> Mn: 1,89,000 Iron: 1,36,000 <b>FY 2021-22:</b> Mn: 1,89,000 Iron: 1,36,000 <b>FY 2022-23:</b> Mn: 1,89,000 Iron: 1,36,000 <b>FY 2023-24:</b> Mn:1,89,000 Iron: 1,36,000	<b>FY 2020-21:</b> Mn:1,03,485 Iron:: NIL <b>FY 2021-22:</b> Mn-1,29,951 Iron:- NIL <b>FY 2022-23:</b> Mn-1,25,530 Iron:-NIL <b>FY 2023-24:</b> Mn-1,52,082 Iron:- 5,104	Unit: in Tonnes Date of opening of mine on 25.07.2020																				
3q	General remarks of inspecting Officer on method of mining etc		Open-cast fully mechanized mining method is being carried as per approved RMP. It is an auction mine of ML expired on 31/3/2020 with Final Bid premium of 154 %. The lessee has submitted has draft modified MP on 26/03/2024 with up-gradation Of Low Grade Manganese Ore reserves/resources, beneficiation of low-grade Mn-ore, change in grade of Mn-ore production etc and was under process.																					

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

SL.No	Item	Proposals (FY 2023-24)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	No topsoil generation ; Separate OB waste dumping & stacking of mineral rejects.	As per proposals.	_____
4b	Location of topsoil, OB	No top soil generation is proposed. Mineral reject	No top soil is generated. Mineral reject generations are	_____

I/32093/2024

	& mineral reject dumps	generation are proposed to stack separately. OB wastes disposal at in DUMP-A (2420706N-2421132N,332594E-332789E ) and by backfilling in BF-2 (2419888N-2420061N, 333328E-333566E); BF-3(2419240N-2419678N, 334207E-334550E); BF-4(2421037N-2421418N, 331491E-331683E); BF-5(2420522N-2420763N, 332269E-332482E); BF-6(2419898N-2420190N, 332575E-332777E).	stacked separately. Dumping of waste generated is done in DUMP-A and Backfilling in BF-2, BF-3, BF-4, BF-5, BF-6.	
4c	Number of dumps within lease area and outside lease area	2 Nos of dumps within ML.	2 Nos of dumps within ML.	_____
4d	Location of dumps w.r.t. ultimate pit limit	Dumps Located outside UPL.	As per the proposals.	_____
4e	Number of active & alive dumps	1 Nos.	1 Nos.	Besides 5 nos of back-filling locations.
4f	Number of dead dumps	1 Nos.	1 Nos.	_____
4g	Number of dumps stabilised	1 Nos.	1 Nos.	_____
4h	Whether Retaining wall or garland drain all along dumps are there	Yes; Proposed to be well maintained	Well Maintained	_____
4i	Length of Retaining wall or garland drain all	NIL during FY.	NIL during FY. Cumulative of 2661 m Retaining wall and 960m of garland drain sofar.	-----



I/32093/2024

	along dump			
4j	Number of settling ponds	Nil	NIL	_____
4k	Specific comments of inspecting Officer on waste dump management	Overburden wastes and mineral reject management are being carried out as per the approved proposals.		

### 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	Backfilling in BF-2, BF-3, BF-4, BF-5, BF-6 at exhausted part of relevant pits/blocks.	Backfilling in BF-2, BF-3, BF-4, BF-5, BF-6 at exhausted part of relevant pits/blocks as per proposal.	_____
5b	Area under backfilling of mined out area	13.419 Ha	11.66 Ha Within limit as per the achievement.	_____
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	No proposals	NIL	_____
5d	Total area fully reclaimed & rehabilitated	No proposals	NIL	_____
5e	General remarks of inspecting Officer on backfilling and reclamation etc	Back-filling are being carried out at ore/mineral exhausted part of 5 nos of pits/blocks as per the proposals. As reported a cumulative total of 41.75 Ha area has been covered under back-filling so far.		

### 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 <sup>st</sup> July 2024	Not due for submission at the time of inspection.	NIL
6b	Management of worked/ mined out benches/dumps i) Area available for rehabilitation (ha) ii) Afforestation done	i)Nil ii) NIL	i)Nil ii)NIL	NIL.

I/32093/2024

	(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	iii)NIL iv) NA v)Plantation vi) NA	iii) NIL iv) 20,940 nos sofar within ML v) Plantation vi) 3.53 lakhs	
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) 13.41 Ha ii) 13.41 Ha iii)NIL iv)NIL v)NIL	i) 13.41 Ha ii) 11.66 Ha iii) NIL iv)NIL v)NIL	Within limit as per the achievement during FY.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i)3500 nos ii)1.4 Ha iii)Plantation	i)3000 nos ii)1.6 Ha iii) Plantation	Safety zone plantation and as reported, 9590 Nos. sapling were planted during previous FY against 3750 nos.
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 as per approved RMP.		

**7)Mineral Conservation:---**

I/32093/2024

SL.No	Item	Proposals (FY 2023-24)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting within lease area.	As per proposals	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	NIL
7c	Different grade of mineral sorted out at mines	Grade wise Mn-ore sorting and dispatched (i) Below 25 % Mn (ii) 25 to below 35 % Mn  Iron Ore: (i) Below 55 % Fe (ii) Above 55 % Fe	AR not yet received. No dispatch of Iron ore; It is reported by the lessee that proposed quantity of high grade ore (> 25 % Mn) not available. The violation already pointed out on 09.06.2023 during last inspection dated 01.06.2023	NIL
7d	Any beneficiation process at mines	None	None	NIL
7e	General remarks of inspecting Officer on mineral conservation & beneficiation issues	The violation already pointed out regarding major variation in grade of Manganese Ore produced in mine on 09.06.2023 during last inspection dated 01.06.2023 and not yet complied so far. Subsequently, the lessee has submitted draft modified MP on 26/03/2024 with up-gradation Of low-Grade Manganese Ore reserves/ resources and change in grade of Mn-ore production and was under process.		

**8)Environment:--**

SL.No.	Item	Proposals (FY 2023-24)	Actual work	Remarks
8a	Separate removal and utilization of topsoil	No such proposals.	Nil	_____
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 and Mineral Rejects	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 in BF-2, BF-3, BF-4, BF-5, BF-6 at exhausted part of relevant pits/blocks.	Backfilling in BF-2, BF-3, BF-4, BF-5, BF-6 at exhausted part of relevant pits/blocks as per proposal.	Nil

I/32093/2024

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	13.41 Ha area backfilling at exhausted part of pits/blocks.	11.66 Ha area backfilling at exhausted part of pits/blocks.	Nil
8f	Baseline information on existence of plantation & additional plantation done	3500 nos saplings plantation during FY 23-24.	During year 23-24, 3000 nos of saplings planted within ML and cumulative 20,940 nos of saplings planted within ML	As reported, 9590 Nos. saplings were planted during previous FY against 3750 nos.
8g	Survival rate	85 %	85 %	_____
8h	Water sprinkling on roads to control airborne dust	Regular sprinkling of water on Haul roads, manual sorting site and dump/backfilling location etc using Water tankers 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 proposals and carried out plantation as per the proposals.		

### 9) Compliance of Rule 45

SL.No.	Item	COMMENTS		Remarks.
9a	Status of submission of Monthly and Annual returns	Regularly submitting the MRs/ARs on-time. 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. 2022-23	Actual in field	_____
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mines Manager – Shri Janmejy Mohanta Mining Engineer – Shri Mohammad Shahrukh Geologist – Shri Prafulla Kumar Parida	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- 144.376 Ha. (2) Used for Waste Disposal- 53.6 Ha. (3) Occupied by plant, buildings, residential, welfare, buildings and roads- 38.474 Ha. (4) <u>Other Purpose (including</u>	Actual also as per AR at that time.	_____

I/32093/2024

		Mineral Storage)- 74.202 Ha								
9d	Scrutiny of Annual return on afforestation	9,590 nos WML	Actual also as per AR	_____						
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	During year-22-23 Generation of MR. <table border="1" style="margin-left: 20px;"> <tr> <td>Mn: from Unprocessed Ore (10-25 % Mn)</td> <td>NIL</td> </tr> <tr> <td>Mn: From Processed Ore (Mn 10-25 % Mn)</td> <td>NIL</td> </tr> </table>	Mn: from Unprocessed Ore (10-25 % Mn)	NIL	Mn: From Processed Ore (Mn 10-25 % Mn)	NIL	Lessee has dispatching <25 % Mn ore also based on market demand.	_____		
Mn: from Unprocessed Ore (10-25 % Mn)	NIL									
Mn: From Processed Ore (Mn 10-25 % Mn)	NIL									
9f	Scrutiny of Annual return on ROM stock and/or graded ore	As on 31.03.2023 tonnes Stock Mn-Ore ROM: NIL <table border="1" style="margin-left: 20px;"> <tr> <th colspan="2" style="text-align: center;">Mn_ore closing stock in tonnes</th> </tr> <tr> <td>Below 25 % Mn</td> <td style="text-align: center;">74,476</td> </tr> <tr> <td>25%- below 35% Mn</td> <td style="text-align: center;">3007</td> </tr> </table>	Mn_ore closing stock in tonnes		Below 25 % Mn	74,476	25%- below 35% Mn	3007	Appear to be correct at that time.	_____
Mn_ore closing stock in tonnes										
Below 25 % Mn	74,476									
25%- below 35% Mn	3007									
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Cost of production: Rs-3049.62 per tonne; Ex-mine price: <table border="1" style="margin-left: 20px;"> <tr> <th colspan="2" style="text-align: center;">Ex-mine Price of Mn ore in Rs per tonne</th> </tr> <tr> <td>Below 25 % Mn</td> <td style="text-align: center;">3011.27</td> </tr> <tr> <td>25%- below 35% Mn</td> <td style="text-align: center;">7017.20</td> </tr> </table>	Ex-mine Price of Mn ore in Rs per tonne		Below 25 % Mn	3011.27	25%- below 35% Mn	7017.20	Appear to be correct except cost of production.	V/L issued.
Ex-mine Price of Mn ore in Rs per tonne										
Below 25 % Mn	3011.27									
25%- below 35% Mn	7017.20									
9i	Scrutiny of Annual return on fixed assets	Fixed Value of Assets: Rs 72,44,09,372	Appear to be correct.	_____						
9k	Scrutiny of Annual return on mining machineries	Excavator (Backhoe) – 5 Nos. Dumpers – 26 Nos. Rock Drill – 5 Nos. Dozer – 1 Nos. Wheel Loader- 1 Nos. Crusher – 1 Nos. Water Tanker – 3 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 01/06/23, the violation of rules 11(1) 47, and 48 of MCDR 2017 were pointed out and subsequently, rules 47 and 48 complied on 18/8/23. The violation of rule 11(1) was kept abeyance till the approval of modified MP.

I/32093/2024

(b)During current inspection: The violation of Rules 11(1) & 45(7) of MCDR 2017 have been observed and the violation letter issued on 20/05/2024.

(11) On-line validation of star rating of templates submitted under rule 35 (FY-2022-23) has been made on 13/7/23 for three star at RO level.

(12)The lessee had submitted DAI/drone survey data under rule 34A for FY 22-23 on 01/07/2023. The submission of DAI/drone survey data i.r.o. FY 2023-24 was not due at time of inspection.

Date: 20/05/2024

(Prashant S. Hegde)  
Regional Mining Geologist