

MCDR INSPECTION REPORT 2021-22

1.0 GENERAL

SN	Particulars	Details
1	Name of the Mine	Shri Bajrang Iron Ore Mines
2	Date of inspection	14.07.2022
3	Name of inspecting officer	D.Upadhyay, Sr. ACOM, Indian Bureau of Mines, Raipur
4	Name of the official Accompanying Inspection	1. D.K.Mahanta, G.M.(Geology & Mining) 2. D.N. Mohanta, Mines Manager 3. R.K.Gupta, Manager(Geology) 4. B.R.Banjare, Mining Engineer.
5	Last date of Inspection & Officer	Dt.26.10.2021 & Shri R.K.Das, Sr. ACOM
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest : 75.00 Non-Forest : 0.00 Total : 75.00
7	Mine Code	30CHG08007
8	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4393/2011
9	Name of the lessee, Address, phone, email and fax number	M/s. Shri Bajrang Power and Ispat Ltd Village: Borjhara, Urla-Guma Road Urla Growth Center Raipur- 493221 Chhattisgarh. Phone: 0771-4288019/29/39 Fax: 0771-4288123/2323601 Email: mining@goelgroup.co.in
10	Village	Hahaladdi & Chahchad
11	Taluka / Mandal	Forest Compartment: No 641(P) & 642(P) Forest Division: East Bhanupratappur Taluka: Durgukondal
12	District	Uttar Bastar Kanker
13	PIN Code	494669
14	State	Chhattisgarh
15	Post office	Durgukondal
16	Nearest police station	Durgukondal
17	Nearest Railway station	Kewati
18	Date of Grant of Mining Lease	10/11/2014
19	Date of Execution	21/11/2014
20	Weekly day of Rest	Fri day
21	Date of opening of Mine	09/02/2015
22	Date of first Renewal, if applicable and its period & expiry	Not Applicable
23	Date of second Renewal, if applicable and its period & expiry	Not Applicable
24	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable

25	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Shravan Kumar Goyal, Director Village -Borjhara, Urla-Guma Road, Urla Growth Center, Raipur (Chhattisgarh) – 492 221 Email: skgoyal@goelgroup.co.in Phone: 0771 – 4288019/ 29/ 39 Fax: 0771 – 4288123/ 2323601 Date of Appointment: 15/11/2014
26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri D. K. Mahanta , GM (Geology & Mining) Village -Borjhara, Urla-Guma Road, Urla Growth Center, Raipur (Chhattisgarh) – 492 221 Phone: 0771 – 4288019/ 29/ 39 Mobile No. 9826422310 Email: dk.mahanta@goelgroup.co.in Fax: 0771 – 4288123/ 2323601 Date of Appointment: 17/11/2020
27	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri D. N. Mohanta Kothari Vatshalya,Bhanupratappur, Kanker, Chhattisgarh - Email: debenranath1966@gmail.com Mobile No. – 6264354643 Phone: 0771 – 4288019/ 29/ 39 Fax: 0771 – 4288123/ 2323601 Date of Appointment: 03/04/2015
28	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Bhojram Banjare, Qualification: B.E. (Mining) Total Experience: More than 14 Years Near Police Station, Durgukondal, Kanker (Chhattisgarh) - 494669 Email: banjare_br@rediffmail.com Phone: 0771 – 4288019/ 29/ 39 Fax: 0771 – 4288123/ 2323601 Date of Appointment: 25/03/2015
29	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes, Name of geologist:- Shri R. K.Gupta, Qualification: M.Sc (Geology) Total Experience: More than 11 Years Date of Appointment: 25/03/2015 Name of Mining Engineer:- Shri Bhojram Banjare, Qualification: B.E. (Mining) Total Experience: More than 14 Years Date of Appointment: 25/03/2015
30	Date of Approval of Mining Plan/Modified/ Review of Mining Plan with five-year period and specific condition, if any.	1st Mining Plan approved on dated 11/07/2008 vide letter no. KNK/FE/MPLN-995/NGP Nagpur Proposal Period: 2014-15 to 2018-19 Modified Mining Plan approved on dated 30/03/2016 vide letter no. KNK/FE/MPLN-995/NGP/2015 Nagpur Proposal Period: 2014-15 to 2018-19 No specific condition in approval letter.
31	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Review of Mining Plan approved on Dated – 28/02/2019 vide letter no. KNK/Fe/ MP/1191/2018/ RAIPUR/1460, Proposal Period: 2019-20 to 2023-24 Modification in the Approved Review of Mining Plan approved on Dated – 21/04/2021 vide letter no. KNK/Fe/ MP-1270/2020-RAIPUR Proposal Period: 2021-22 to 2023-24 No specific condition in approval letter.
32	Mineral(s) granted in lease and approved for mining	Iron Ore
33	Method of Mining(Opencast, Underground)	Opencast

34	Category (Fully Mechanised, Others or Manual)	Fully Mechanised
35	Captive/Non Captive	Captive
36	Present EC Status	MoEF & EC Govt. of India, vide letter No. 248/EC/Kanker/795 Naya Raipur Atal Nagar, dated 18.05.2020 for production of 1.2 MTPA {1.0 MTPA(Above Threshold Value,+45%Fe) and 0.2 MTPA (Below Threshold Value,-45%Fe which is part of overburden)}
37	Status of Financial Assurance	BG No. 0853619BG0000028 , Date- 20/02/2019 Amount – 5032000/- BG No. 3074IGPER000519, Date-27/02/2019 Amount - 9800000/- BG No. 0853621BG0000040 , Date- 09/04/2021 Amount – 1626000/- BG No. 0853621BG0000161 , Date- 30/12/2021 Amount 10972000/- Total =2,74,30,000/- & Valid up to 31.03.2024

1.0 Exploration:

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
1a	Backlog of previous year proposals	14 No of Borehole Mtrage: Up to depth of mineralisation	18 No of Borehole Meterage 979.00 m.	Boreholes drilled as per proposal.
1b	Exploration over lease area for Geological axis 1 or 2.	Under G1	Under G1	Mineralised: 41.61 Ha Non-Mineralised: 33.39 Ha
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Specific Proposal	1. Shri Bajrang Power and Ispat Limited Village: Borjhara, Urla-Guma Road, Raipur (C.G.) – 493221 Phone: 0771-4288019 Email: mining@goelgroup.co.in 2. M/s Gems Projects (P) Ltd., Ranchi, Address: 1236/2, Lajpat Nagar, Pundag, Argora, Ranchi, Jharkhand- 834004, Email: gems.projects@yahoo.co.in Phone No.- 0651-2242513 Expenditure:-Rs 43.58 Lac	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Specific Proposal	Entire potential mineralised area has been explored under G-1	Entire potential mineralised area has been explored under G-1
1e	Balance reserves as on	As per modification	Depletion of Reserve	The reserve has

	01.04.2022	of RMP & As on 1.4.2021:- Under (111): 4.096Million Tonnes Under (221): 0.986Million Tonnes Total: 5.082 Million Tonne	during 2021-22 is 0.990 Million Tonne & Balance Reserve is: Under (111): 3.106 Million tonnes Under (221): 0.986 Million tonnes Total: 4.092 Million Tonne	been updated by deducting the depletion reserve from the reserve last updated in the Modification of Approved Review of Mining Plan approved on dt.21.4.2021.
1f	General remarks of inspecting officer on geology, exploration etc.	Boreholes drilled as per proposal. Entire potential mineralised area has been explored under G-1 level.		

2.0 Development:

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
2a	Location of development w.r.t. lease area	N 2233170 to 2233500 E 489791to 490053 N 2232600 to2232860 E 489702 to 489859	N 2233170 to 2233500 E 489791to 490053 N 2232610 to2232860 E 489702 to 489859	Development is as per proposal.
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	Separate benches in Ore & OB	Ore & OB benches are made separately.	Separate benches in topsoil & OB are maintained.
2c	Stripping ratio or ore to OB ratio (T:m ³)	1:0.65	1:0.42	Due to intercalated waste Stripping ratio changes.
2d	Quantity of topsoil generation in m ³	Nil	Nil	Nil
2e	Quantity of overburden generation in m ³	658984 m ³	421576 m ³	OB/waste varies due to intercalated.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Development is carried out as per proposal.		

3.0 Exploitation:

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
3a	Number of pits proposed for production	One	One	Working is concentrated in single pit as proposed.
3b	Quantity of ROM mineral production proposed	1000000 Tonne	990405.68Tonne	
3c	Recovery of salable/usable mineral from ROM production	1000000 Tonne	990405.68Tonne	
3d	Quantity of mineral reject generation	Not proposed.	Nil	Nil

3e	Grade of mineral reject generation and threshold value declared	Not proposed.	Nil	Nil																																																																														
3f	Quantity of sub-grade mineral generation	Nil	Nil	Nil																																																																														
3g	Grade of sub-grade mineral generation	Not proposed.	Nil	Nil																																																																														
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	Mechanised																																																																														
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Nil	Nil																																																																														
3j	Provision of drilling & blasting in mineral benches	Deep Hole drilling and blasting.	Controlled blasting technique with depth 6 m, spacing 2.5 m & burden 2.0m has been adopted. The rock breakers have been used for hard Ore breaking.																																																																															
3k	Provision of mining machineries in mineral benches	<table border="1"> <thead> <tr> <th>Type of machinery</th> <th>Capacity of each unit</th> <th>No. of units</th> </tr> </thead> <tbody> <tr> <td>DTH Drill & Compressor</td> <td>110 mm & 450 cfm</td> <td>2</td> </tr> <tr> <td>Hydraulic Excavator</td> <td>1.67M³</td> <td>5</td> </tr> <tr> <td>Hydraulic Excavator</td> <td>1.0-1.2 M³</td> <td>2</td> </tr> <tr> <td>Dumper</td> <td>14 M³</td> <td>15</td> </tr> <tr> <td>Dozer</td> <td></td> <td>1</td> </tr> <tr> <td>Loader</td> <td>300hp</td> <td>4</td> </tr> <tr> <td>Rock Breaker</td> <td>125HP</td> <td>1</td> </tr> <tr> <td>Mobile Screening Plant</td> <td>200-250 TPH</td> <td>3</td> </tr> <tr> <td>Stationary crusher Plant</td> <td>250 TPH</td> <td>1</td> </tr> <tr> <td>Mobile crusher Plant</td> <td>150 TPH</td> <td>2</td> </tr> <tr> <td>Water Tanker</td> <td>10KL</td> <td>2</td> </tr> <tr> <td>Hydra Crane</td> <td>12T</td> <td>1</td> </tr> </tbody> </table>	Type of machinery	Capacity of each unit	No. of units	DTH Drill & Compressor	110 mm & 450 cfm	2	Hydraulic Excavator	1.67M ³	5	Hydraulic Excavator	1.0-1.2 M ³	2	Dumper	14 M ³	15	Dozer		1	Loader	300hp	4	Rock Breaker	125HP	1	Mobile Screening Plant	200-250 TPH	3	Stationary crusher Plant	250 TPH	1	Mobile crusher Plant	150 TPH	2	Water Tanker	10KL	2	Hydra Crane	12T	1	<table border="1"> <thead> <tr> <th>Type of machinery</th> <th>Capacity of each unit</th> <th>No. of units</th> </tr> </thead> <tbody> <tr> <td>DTH Drill & Compressor</td> <td>100 mm & 450 cfm</td> <td>2</td> </tr> <tr> <td>Hydraulic Excavator</td> <td>1.67M³</td> <td>5</td> </tr> <tr> <td>Hydraulic Excavator</td> <td>1.2 M³</td> <td>6</td> </tr> <tr> <td>Dumper</td> <td>25T</td> <td>29</td> </tr> <tr> <td>Dozer</td> <td>160 hP</td> <td>2</td> </tr> <tr> <td>Loader</td> <td>2.0 M³</td> <td>8</td> </tr> <tr> <td>Rock Breaker</td> <td>125HP</td> <td>2</td> </tr> <tr> <td>Mobile Screening Plant</td> <td>200-250 TPH</td> <td>3</td> </tr> <tr> <td>Stationary crusher Plant</td> <td>250 TPH</td> <td>1</td> </tr> <tr> <td>Mobile crusher Plant</td> <td>150 TPH</td> <td>2</td> </tr> <tr> <td>Water Tanker</td> <td>10KL</td> <td>2</td> </tr> <tr> <td>Hydra Crane</td> <td>12T</td> <td>1</td> </tr> </tbody> </table>	Type of machinery	Capacity of each unit	No. of units	DTH Drill & Compressor	100 mm & 450 cfm	2	Hydraulic Excavator	1.67M ³	5	Hydraulic Excavator	1.2 M ³	6	Dumper	25T	29	Dozer	160 hP	2	Loader	2.0 M ³	8	Rock Breaker	125HP	2	Mobile Screening Plant	200-250 TPH	3	Stationary crusher Plant	250 TPH	1	Mobile crusher Plant	150 TPH	2	Water Tanker	10KL	2	Hydra Crane	12T	1	
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3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes. The bench height has been kept upto 6m for both Ore & OB benches.	Bench height is suitably matched with the excavator.																																																																														
3m	Total area covered under excavation/pits	33.560 Ha. up to the end of approved plan period	16.850 Ha.	16.850 ha covers under pit at the end 2021-22																																																																														
3n	Ore to OB ratio for the pit/mine during the year	1:0.65	1:0.42	Due to intercalated waste																																																																														

				Stripping ratio changes.
3o	Total area put in use under different heads at the end of year	Area after plan period: Area under Mining – 33.56 Ha Waste Dump Site – 15.90 Ha Mineral Storage – 3.10 Ha Infrastructure, Workshop, Administrative building etc – 0.29 Ha Road – 2.70 Ha Mineral Separation Plants – 0.51 Ha.	Area under Mining – 16.85 Ha Waste Dump Site – 9.58 Ha Mineral Storage – 3.10 Ha Infrastructure, Workshop, Administrative building etc – 0.29 Ha Road – 2.70 Ha Mineral Separation Plants – 0.51 Ha.	
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	2017-18: 600000 MT 2018-19: 600000 MT 2019-20: 800000 MT 2020-21:1000000 MT 2021-22:1000000 MT	2017-18: 331787.11 MT 2018-19: 593100.00 MT 2019-20: 599996.87 MT 2020-21: 932829.97 MT 2021-22: 990405.68 MT	
3q	General remarks of inspecting officer on method of mining etc.	The ROM production has been carried out from single pit as per proposal.		

4.0 Solid Waste Management-Dumping:

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	Separate dumping for Waste & OB is proposed. No Top soil & mineral reject generation is proposed.	Separate dumping for Waste & OB has been done in the designated location. No Top soil & mineral reject generated.	Separate dumping for Waste & OB has been done in the designated location. No Top soil & mineral reject generated.
4b	Location of topsoil, OB & mineral reject dumps	OB Dump N2232350 to 2232610, E 489908 to 490103 No mineral reject dump proposed.	OB Dump N2232300 to 2232470, E 489778 to 490047 No mineral reject dump generated.	OB Dump N2232300 to 2232470, E 489778 to 490047 No mineral reject dump generated.
4c	Number of dumps within lease area and outside lease area	01 no of dumps within the lease area	01 Nos of Dumps within Lease area	01 Nos of Dumps within Lease area
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	Proposed beyond ultimate pit limit.	Situated beyond ultimate pit limit.	Situated beyond ultimate pit limit.
4e	Number of active & alive dumps	01 No	01 No	01 No. dump

4f	Number of dead dumps	Nil	Nil	Nil
4g	Number of dumps stabilised	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there	Yes,	Yes	Retaining wall and Garland drain have been made around waste dump.
4i	Length of Retaining wall or garland drain all along dump	Not proposed in 2021-22.	Nil.	Total 920 m retaining wall & 684 m of Garland drain has been constructed around dump
4j	Number of settling ponds	Nil	Nil	There are 5 nos. of settling tanks already made
4k	Specific comments of inspecting officer	Separate dumping of OB/waste has been maintained. Retaining wall and garland drain are maintained along the waste dump.		

5.0 Solid Waste Management-Backfilling:

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Backfilling has not been proposed during plan period.	Backfilling has not been started because the part or full mineralised area has not been mined out completely & not matured for backfilling	Area is not matured for reclamation and rehabilitation.
5b	Area under backfilling of mined out area	No Such Proposal	Not applicable.	--do--
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	No Such Proposal	Not applicable.	--do--
5d	Total area fully reclaimed & rehabilitated	No Such Proposal	Not applicable.	--do--
5e	General remarks of inspecting officer on backfilling, reclamation etc	Area is not matured for reclamation and rehabilitation.		

6.0 Progressive Mine Closure Plan:

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2).	As per provision of MCDR 2017.	Annual report on PMCP for the year 2021-22 has been submitted on time i.e. 28.06.2022.	Annual report on PMCP for the year 2021-22 has been submitted.
6b	Management of worked/mined out benches 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	No proposal No proposal No proposal No proposal No proposal	No work done No work done No work done No work done No work done	Area not matured for reclamation and rehabilitation
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	No proposal No proposal No proposal No proposal No proposal	No work done No work done No work done No work done No work done	Area not matured for reclamation and rehabilitation.
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	1000 Nos of plantation	1390 Nos of Plantation in 0.08 Hect area	M.L. boundary & Waste dump plantation.
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Quarterly monitoring	Quarterly monitoring	Quarterly monitoring
6f	General remarks of inspecting officer on PMCP compliance & progressive	Area is not matured for reclamation and rehabilitation. Plantation is carried out as per proposal.		

7.0 Mineral Conservation:

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise & Size-wise sorting within lease area	Grade-wise & Size-wise sorting within lease area	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical	Mechanical	Mechanised Crushing and Screening.
7c	Different grade of mineral sorted out at mines	+45% Fe	+45% Fe	+45% Fe
7d	Any beneficiation process at	Not proposed.	Dry Screening of ROM through crushing /	Dry Screening

	mines		Screening plants is being carried out.	& crushing
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Grade wise sorting is being practiced by crushing and screening.		

8.0 Environment:

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	Not proposed.	Nil	No Generation of Top Soil.
8b	Concurrent use or storage of topsoil	Not proposed.	Nil	No Generation of Top Soil.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Separate dumps for overburden & Waste	Separate dumps for overburden & Waste.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	No work done	Area is not matured for reclamation & rehabilitation.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	No work done	Quarry Area is not matured for reclamation and rehabilitation.
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	1000 nos. of saplings has been proposed for plantation during 2021-22.	1390 nos. of saplings have been planted during 2021-22.	
8g	Survival rate	No specific proposal,	79%	Survival rate 79%
8h	Water sprinkling on roads to control airborne dust	Water sprinkling has been proposed to control airborne dust.	Regular Water sprinkling through 2 nos Water tanker (10KL each) is being used to control airborne dust.	Regular Water sprinkling through 2 nos Water tanker.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Aesthetic beauty in and around mines area is maintained by plantation.		

9.0 Compliance of Rule 45 (2021-22)

S. N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	AR & MR submitted regularly.	AR & MR submitted regularly.

S. N.	Item	Details given in A.R.	Observation of I/Officer	Remarks																								
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining engineer, geologist employment is furnished	Mining engineer, geologist are employed in the mine.	Mining engineer, geologist are employed in the mine.																								
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	<table border="1"> <tr> <td>Already exploited & abandoned by opencast(O/C) mining</td> <td>0.00</td> </tr> <tr> <td>Covered under current working</td> <td>16.85</td> </tr> <tr> <td>Reclaimed / rehabilitated</td> <td>0.00</td> </tr> <tr> <td>Used for waste disposal</td> <td>9.58</td> </tr> <tr> <td>Occupied by plant buildings, residential, welfare buildings & roads</td> <td>3.50</td> </tr> <tr> <td>Other purpose (mineral storage & other)</td> <td>3.10</td> </tr> </table>	Already exploited & abandoned by opencast(O/C) mining	0.00	Covered under current working	16.85	Reclaimed / rehabilitated	0.00	Used for waste disposal	9.58	Occupied by plant buildings, residential, welfare buildings & roads	3.50	Other purpose (mineral storage & other)	3.10	<table border="1"> <tr> <td>Already exploited & abandoned by opencast(O/C) mining</td> <td>0.00</td> </tr> <tr> <td>Covered under current working</td> <td>16.85</td> </tr> <tr> <td>Reclaimed / rehabilitated</td> <td>0.00</td> </tr> <tr> <td>Used for waste disposal</td> <td>9.58</td> </tr> <tr> <td>Occupied by plant buildings, residential, welfare buildings & roads</td> <td>3.50</td> </tr> <tr> <td>Other purpose (mineral storage & other)</td> <td>3.10</td> </tr> </table>	Already exploited & abandoned by opencast(O/C) mining	0.00	Covered under current working	16.85	Reclaimed / rehabilitated	0.00	Used for waste disposal	9.58	Occupied by plant buildings, residential, welfare buildings & roads	3.50	Other purpose (mineral storage & other)	3.10	Found in order.
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Occupied by plant buildings, residential, welfare buildings & roads	3.50																											
Other purpose (mineral storage & other)	3.10																											
9d	Scrutiny of Annual return on Afforestation	Plantation of 1390 nos. of saplings has been reported	Plantation of 1390 nos. of saplings has been carried out.	Found in order.																								
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil																									
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM: 132607.89 MT Graded Ore (Lump): Below 55%: 2126.31 T 55% to 58%: 7345.50 T 58% to 60%: 1236.49 T Graded Ore (Fines): Below 55%: 9930.67 T 55% to 58%: 635.04 T 58% to 60%: 2492.26 T	ROM: 132607.89 MT Graded Ore (Lump): Below 55%: 2126.31 T 55% to 58%: 7345.50 T 58% to 60%: 1236.49 T Graded Ore (Fines): Below 55%: 9930.67 T 55% to 58%: 635.04 T 58% to 60%: 2492.26 T	Closing stock at the end of 31.3.2021																								
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Production cost: Rs 966.15 Per Tonne	Production cost: Rs 966.15 Per Tonne	This mine is a captive mine & there is no sale of iron ore.																								
9i	Scrutiny of Annual return on fixed assets	Rs 237119440.00	Rs 237119440.00																									

9k	Scrutiny of Annual return on mining machineries	Type of machinery	Capacity of each unit	No. of units	Type of machinery	Capacity of each unit	No. of units
		DTH Drill & Compressor	100 mm & 450 cfm	2	DTH Drill & Compressor	100 mm & 450 cfm	2
		Hydraulic Excavator	1.67M ³	5	Hydraulic Excavator	1.67M ³	5
		Hydraulic Excavator	1.2 M ³	6	Hydraulic Excavator	1.2 M ³	6
		Dumper	25 T	29	Dumper	25 T	29
		Dozer	160 HP	2	Dozer	160 HP	2
		Loader	2 CUM	8	Loader	2 CUM	8
		Rock Breaker	125HP	2	Rock Breaker	125HP	2
		Mobile Screening Plant	200-250 TPH	3	Mobile Screening Plant	200-250 TPH	3
		Stationary crusher Plant	250 TPH	1	Stationary crusher Plant	250 TPH	1
		Mobile crusher Plant	150 TPH	2	Mobile crusher Plant	150 TPH	2
		Water Tanker	10KL	2	Water Tanker	10KL	2
		Hydra Crane	12T	1	Hydra Crane	12T	1

10- Details of violations observed during inspection and the compliance status.
During inspection violation of 37(6) of MCDR 2017 has been pointed out to lessee.

Date: 05/08/2022

Signature:
Name: (D. UPADHYAY)
Designation: Sr. ACOM