

**INDIAN BUREAU OF MINES
MINERALS DEVELOPMENT AND REGULATION DIVISION**

MCDR inspection REPORT

Bangalore regional office

Mine file No : KNT/BLR/FE/397/BNG

Mine code : 30KAR03092

- (i) Name of the Inspecting : **S19**) **SANDEEP KUMAR SINGH**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri. A. D.Pipare, Mine Surveyor.Dr. D.N.Subramanyam
Official with
Designation
- (iv) Date of Inspection : 20-JAN-23
- (v) Prev.inspection date : 11-OCT-17

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KUMARASWAMY**
- (b) **Registration NO.** : **IBM/270/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :
State : KARNATAKA
District : BELLARY
Village : KAMMADARUVU
Taluka : SANDUR
Post office : DEOGIRI
Pin Code : 583112
FAX No. : 040-23538711 (F)
E-mail : kiom.nmdc@gmail.com,bsahoo@
Phone : 040-23538713 (O) 083952746
- (f) Police Station : SANDUR
- (g) First opening date : 18-NOV-91
- (h) Weekly day of rest : SUN
2. Address for : NMDC Limited, Donimalai
correspondance Bellary, Karnataka. Pin-583 118
3. (a) Lease Number : KAR0212
- (b) Lease area : 647.5
- (c) Period of lease : 30
- (d) Date of Expiry : 17-OCT-02
4. Mineral worked : IRON ORE Main

5. Name and Address of the

Lessee : NATIONAL MINERAL DEV. CORPN. LTD
 10-3-311/A, CASTLE HILLS,
 MASAB TANK, HYDERABAD
 TELANGANA
 Phone:3538706
 FAX :3538705

Owner : D. K. Mohanty, Director (Production)
 NMDC Limited, 10-3-311/A
 Castle Hills, Masab Tank,
 Hyderabad(Telangana)-
 500028. HYDERABAD TELANGANA
 Phone: 040-23538706/07
 FAX : 04023538711

Agent : Sanjeev Sahi
 Karnataka. Pin-583118
 BELLARY KARNATAKA
 Phone:
 FAX : 08395274624

Mining Engineer

Name : PHOOL SINGH DHRUW, Full Time
 Qualification : BE (Mining), First class mines manager c
 Appointment/ : 19-OCT-22
 Termination date

Geologist

Name : Dr. D. N. Subramanyam, Full Time
 Qualification : M.SC. Geology
 Appointment/ : 02-JUL-16
 Termination date

Manager

Name : RANDHIR KUMAR
 Qualification : DGM(Min), FCC
 Appointment/ : 01-MAR-22
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	29-JUL-92
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	21-APR-98
	:	Renewal under rule 22 MCR1960	29-OCT-02
	:	Modif.of approved Mining Plan	06-FEB-07
	:	Mining Scheme rule 12 MCDR1988	17-SEP-07
	:	Mining Scheme rule 12 MCDR1988	16-AUG-12
	:	Modif.approved Mining Scheme	23-JUN-14
	:	MP modif under 17(3) MCR 2016	26-AUG-16
	:	MP review under 17(1) MCR 2016	03-NOV-16
	:	MP modif under 17(3) MCR 2016	06-JUL-17
	:	MP modif under 17(3) MCR 2016	13-JUL-18
	:	MP modif under 17(3) MCR 2016	13-DEC-19
	:	MP review under 17(1) MCR 2016	29-OCT-21

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	NIL
1b	Exploration over lease area for geological axis 1 or 2	26 Nos. Bore holes with 1710meterage proposed	29 nos. of bore holes drilled with total meterage 2038.	As reported in AR 2021-22.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not mentioned	NMDC in-house (Global Exploration Center, (GEC) Raipur, M/s. NMDC Limited.	Incurred cost of Rs. 2.16 Crores. As reported by the Lessee during inspection.
1d	Balance area to be explored to bring Geological axis in 1 or 2	G-1-195.27 ha G-3-14.5 ha	G-1-195.27 ha G-3-14.5 ha	As per the last approved document dated 29/10/2021. Exploration in progress to upgrade the G-3 area.
1e	Balance reserve as on 01/04/20	Balance reserves as on 01.04.2021 is 208,231,000 tons of iron ore with Fe grade of 62 %	Balance iron ore reserves as on 01.04.2022 is 201,381,366Tons.	The details of Mineral Reserves and Resources estimated at the end of the year is not reported correctly in ''tonnes'' in Part-V-Sec 3 as per the last approved mine plan document dated 29/10/2021. Violation issued under Rule 45(7) of MCDR 2017.

1f	General remarks of inspecting officers on geology, exploration etc	i) The holder of a mining lease shall, on or before the 30th day of June every year submit a digital copy along with a print copy of the surface geological plans and sections maintained under rule 32 along with the annual return. The same has not been submitted. Violation issued under Rule 33 of MCDR 2017.	ii) The details of Mineral Reserves and Resources estimated at the end of the year is not reported correctly in ''tonnes'' in Part-V-Sec 3 as per the last approved mine plan document dated 29/10/2021. Violation issued under Rule 45(7) of MCDR 2017.
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Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Location of development proposed in B-Block& C-Block: B-Block: B-6M to B-9 - (Pit-1), B-3 to B-5(Pit-2), B-8M to B-12(Pit-3) C-Block: C-14 -3/8 to C-26-7/8(Pit-1) & C-8(3/4) to C-14(3/8). (Pit-2)	The vertical extent(mRL) of C-Block for pit 2 have been developed beyond the maximum vertical limit of 1024 mRL till 1018 mRL at Sec C-10(5/8) & C-11(1/4) (N-1660214, E-670211) for the year 2022-23. Also, the benches at C-block Pit 3 have not been developed systematically maintaining 6 m bench height between section C-3 & C-3M from 1042 to 1024 mRL as per proposal.	Violation issued under Rule 11(1) of MCDR 2017.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches proposed in overburden and mineral.	Separate benches maintained in overburden and mineral.	B-block-14 benches & C-Block-13 benches

2c	Stripping ratio or ore to OB ratio	1: 0.18 proposed(in tons).	1: 0.08achieved (in tons).	The stripping ratio proposed for the year 2021-22 is 1:0.18 against which 1:0.08 has been achieved. Less development & corresponding waste handling (529,107 tons) has been carried out proportionate to achieved ROM production of 6,849,633 tons. Violation issued under Rule 11(1) of MCDR 2017.
2d	Quantity of topsoil generation in m3	No proposal	NIL	NIL
2e	Quantity of overburden generation in m3	692307Cum proposed	203502Cum. achieved	As per the figures reported in AR 2021-22.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	i) The stripping ratio proposed for the year 2021-22 is 1:0.18 against which 1:0.08 has been achieved. Less development & corresponding waste handling (529,107 tons) has been carried out proportionate to achieved ROM production of 6,849,633 tons. Violation issued under Rule 11(1) of MCDR 2017.	ii) The vertical extent (mRL) of C-Block for pit 2 have been developed beyond the maximum vertical limit of 1024 mRL till 1018 mRL at Sec C-10(5/8) & C-11(1/4) (N-1660214, E-670211) for the year 2022-23. Also, the benches at C-block Pit 3 have not been developed systematically maintaining 6 m bench height between section C-3 & C-3M from 1042 to 1024 mRL as per proposal. Violation issued under Rule 11(1) of MCDR 2017.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Three Pits in B-block and three pits in C-block proposed.	Total 6 pits are under operation, three each in B & C Block.	Pit 1,2,3 B-block and Pit 1,2,3 C-block.
3b	Quantity of ROM mineral production proposed	10,000,000 Tonnes	6,849,633Tonnes	As reported in AR 2021-22.
3c	Recovery of sailable/usable mineral from ROM production	100 % proposed	100 %achieved	Nil.

3d	Quantity of mineral reject generation	No proposal	Nil.	There is no Mineral rejects generation proposal as per the approved document whereas 350000 tonnes with grade 51.75 % have been reported in Part-V-Sec-4.2(B), which is ROM quantity and not mineral Reject. Violation issued under Rule 45(7) of MCDR 2017.
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Nil.	There is no Mineral rejects generation proposal as per the approved document whereas 350000 tonnes with grade 51.75 % have been reported in Part-V-Sec-4.2(B), which is ROM quantity and not mineral Reject. Violation issued under Rule 45(7) of MCDR 2017.
3f	Quantity of sub grade mineral generation.	3,50,070 tons of subgrade proposed.	3,50,000 tons of iron ore with grade 51.75 % have been generated which is been utilized through blending.	As reported by the Lessee during inspection.
3g	Grade of sub grade mineral generation	52.5 % of Fe proposed	51.75 % of Fe generated	As reported by the Lessee during inspection.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized method proposed for segregated from ROM.	Mechanized method adopted for segregated from ROM.	Crushing & screening plants of 450 TPH capacity.

3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	Provision of drilling & blasting is proposed.	Drilling & blasting is done in combination with slurry explosives & Detonators.	Drill-110 mm-4 nos. (As reported in AR 2021-22)
3k	Provision of mining machineries in mineral benches	Mining Machinery proposed.	Excavator- 22 nos. (0.9 Cum, 0.6 Cum, 1.3 Cum, 1 Cum, 2.1 Cum, 4.3 Cum). Tipper- 70 nos. (14 & 16 Cum) Drills-4 nos. (110 mm) Wheel loader-15 nos. (2 Cum, 1.6 Cum, 2.1 Cum, 9 Cum & 4.2 Cum) Water Tanker - 4 nos. (10 KL-3 nos., 28 KL-1no.) Dozer: 1 no. (410 HP) Dumper- 2nos. (100 tons)	As reported in AR 2021-22.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Proposed bench height =6 meters in both OB & mineral	The benches at C-block Pit 3 have not been developed systematically maintaining 6 m bench height between section C-3 & C-3M from 1042 to 1024 mRL as per proposal.	Violation issued under Rule 11(1) of MCDR 2017.
3m	Total area covered under excavation/pits	100.16 Ha proposed till the end of the Plan Period.	109.38 Ha as on 31.03.2022.	NIL

3n	Ore to OB ratio for the pit/mine proposed during the year.	1: 0.18 (in tons).	1: 0.08 achieved (in tons).	The stripping ratio proposed for the year 2021-22 is 1:0.18 against which 1:0.08 has been achieved. Less development & corresponding waste handling (529,107 tons) has been carried out proportionate to achieved ROM production of 6,849,633 tons. Violation issued under Rule 11(1) of MCDR 2017.
3o	Total area put in use under different heads at the end of year	Area under Mining-100.16 Ha. Overburden Dump- 18.75 Ha. Mineral storage -10.34 Ha Infrastructure & Roads- 22.71 Ha, (As on 31.03.2022) as per the approved document dtd13/12/2019.	Area under Mining-109.38 Ha. Overburden Dump- 15.19 Ha. Mineral storage - 12.06 Ha Occupied Plant, building residential area, Roads -19.38 Ha. (As on 31.03.2022)	Land use as reported in AR 2021-22. The land use has been incorporated in the current mining plan approved dated 29/10/2021
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 6,000,000 2018-19: 7,000,000 2019-20: 7,000,000 2020-21: 7,000,000 2021-22: 10,000,000 (In tons)	2017-18: 5,999,899 2018-19: 6,999,900 2019-20: 6,999,841 2020-21: 6,999,908 2021-22: 6,849,633 (In tons)	Actual production is within the existing EC & CEC limit. (EC-7-MTPA, CEC-6.85 MTPA)

3q	General remarks of inspecting officers on method of mining etc.	i) The stripping ratio proposed for the year 2021-22 is 1:0.18 against which 1:0.08 has been achieved. Less development & corresponding waste handling (529,107 tons) has been carried out proportionate to achieved ROM production of 6,849,633 tons. Violation issued under Rule 11(1) of MCDR 2017.	ii) The vertical extent (mRL) of C-Block for pit 2 have been developed beyond the maximum vertical limit of 1024 mRL till 1018 mRL at Sec C-10(5/8) & C-11(1/4) (N-1660214, E-670211) for the year 2022-23. Also, the benches at C-block Pit 3 have not been developed systematically maintaining 6 m bench height between section C-3 & C-3M from 1042 to 1024 mRL as per proposal. Violation issued under Rule 11(1) of MCDR 2017.	iii) There is no Mineral rejects generation proposal as per the approved document whereas 350000 tonnes with grade 51.75 % have been reported in Part-V-Sec-4.2(B), which is ROM quantity and not mineral Reject. Violation issued under Rule 45(7) of MCDR 2017.
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Solid Waste Management - Dumping:

Sl.No.	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping proposed for the OB dumps. B-Block-AD-2 waste dump C-Block-AD-1 waste dump	Separate dumping is being carried out at dump AD-2(B-block) & AD-1(C-block) as per the proposal.	OB dumping is being done in the earmarked area.

4b	Location of topsoil, OB and mineral reject dumps	OB dumps: AD-2 (B-Block): N- 76810 to 76960 E-78357 to 78636 AD-1 (C-Block): N- 76473 to 76797 E- 77013 to 77272	Waste dumping carried out ar AD-2 & AD-1 within the proposed extent as per the proposal	Local co-ordinates as per the approved document for the period 2021-22. The plans and sections required under these rules shall be maintained up to date showing also the respective proposal of AMP for various activities pertaining to that year, within three months in case of category 'A' mines as referred to in clause (a) of subrule(2) of rule 55. It was observed during inspection that the plans maintained have not shown the respective proposal of AMPViolation issued under Rule 31(4) of MCDR2017
4c	Number of dumps within lease area and outside of lease area	3 waste dumps within the lease area (AD-1, AD-2 & AD-3)	3 waste dumps within the lease area (AD-1, AD-2 & AD-3)	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Both AD-1 & AD-2 outside UPL	Both AD-1 & AD-2 outside UPL	As per the current exploration data and the approved document dated 13/12/2019.
4e	Number of active and alive dumps.	2 no. of active dumps	2 no. of active dumps	AD-1-(C-block) & AD-2-(B-block)

4f	Number of dead dumps.	1 no. of dead dump	1 no. of dead dump	AD-3. Ongoing waste dumping proposed only in dump AD-1 & AD-2 as per the ongoing approved document dtd 29/10/2021.
4g	Number of dumps established.	No Proposal	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	96 m Retaining wall (TW-1) and 125 m garland drain (GD-1) proposed for Waste dump AD-1 and 370 m Retaining wall (TW-2) & 400 m garland drain (GD-2) proposed for Waste dump AD-2.	It has been observed during inspection that garland drain construction of 125 m(GD-1) for waste dump AD-1 as proposed during year 2021-22 has not been completed as per the proposal.	Violation issued under Rule 11(1) of MCDR 2017.
4i	Length of Retaining wall or garland drain all along dumps	96 m Retaining wall (TW-1) and 125 m garland drain (GD-1) proposed for Waste dump AD-1 and 370 m Retaining wall (TW-2) & 400 m garland drain (GD-2) proposed for Waste dump AD-2.	It has been observed during inspection that garland drain construction of 125 m(GD-1) for waste dump AD-1 as proposed during year 2021-22 has not been completed as per the proposal.	Violation issued under Rule 11(1) of MCDR 2017.
4j	Number of settling ponds	No Proposal	NIL	NIL

4k	Specific comments of inspecting officer on waste dump management			It has been observed during inspection that garland drain construction of 125 m(GD-1) for waste dump AD-1 as proposed during year 2021-22 has not been completed as per the proposal. Violation issued under Rule 11(1) of MCDR 2017.
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Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	No Proposal	NIL	NIL
5b	Area under backfilling of mined out area	No Proposal	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposal	NIL	NIL
5d	Total area fully reclaimed and rehabilitated	No Proposal	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.			No backfilling proposals.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted before 1st July every year.	The annual PMCP report for the year 2021-22 setting for the extent of protective and rehabilitative works carried out as per the approved Progressive mine closure plan has not been received in this office nor information sent w.r.t this office email dated 13.04.2022	Violation issued under Rule 26(2) of MCDR 2017.
6b	Area available for rehabilitation (ha) .	8.17 ha afforestation proposed	8. 04 ha afforestation achieved on Waste dumps.	As reported in annual PMCP report 2021-22.
6c	afforestation done (ha).	8.17 ha afforestation proposed	8. 04 ha afforestation achieved on Waste dumps.	As reported in annual PMCP report 2021-22.
6d	No. of saplings planted during the year	21 750 nos. of saplings proposed including dump, worked out benches etc.	25,000 nos. of saplings plantation carried out at waste dumps.	As reported in annual PMCP report 2021-22.
6e	Cumulative no .of plants	Not mentioned	2,13,417 nos. of plants including waste dump, green belt, etc. cumulative as on 1.04.2022	As reported in annual PMCP report 2021-22.
6f	Any other method of rehabilitation	No proposal	NIL	NIL
6g	Cost incurred on watch and care during the year	Rs. 45.8 lakhs proposed.	Rs. 100 lakhs incurred for afforestation on dump and watch & care	As reported in annual PMCP report 2021-22.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal	NIL	NIL

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	No proposal	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal	NIL	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	No proposal	NIL	NIL
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No proposal	NIL	NIL
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	No proposal	NIL	NIL
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	No proposal	NIL	NIL

6p	Compliance of environmental monitoring (core zone and buffer zone)	Environmental monitoring proposed in core zone & buffer zone	Environmental monitoring is being carried out in both core & buffer zone for Air, Water, Noise and Soil as per the proposal. Environmental monitoring report of Jan-22 & March-22 available during inspection. Parameters within limit.	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The annual PMCP report for the year 2021-22 setting for the extent of protective and rehabilitative works carried out as per the approved Progressive mine closure plan has not been received in this office nor information sent w.r.t this office email dated 13.04.2022. Violation issued under Rule 26(2) of MCDR 2017.

Mineral Conservation:

Sl.No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Dry crushing and screening of ROM proposed.	Dry crushing and screening of ROM is carried out at different locations of the mines.	Crushing & screening plants of 450 TPH capacity

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Dry crushing & screening proposed with grade wise sorting.	Lumps(Fe-Grade): Below 55% 55-58% 58-60% 60-62% 62-65 % 65 % & above Fines (Fe-grade): Below 55% 55-58% 58-60% 60-62% 62-65 % 65 % & above	Grade as reported in AR 2021-22.
7c	Different grade of mineral sorted out at mines.	Dry crushing & screening proposed with grade wise sorting.	Lumps(Fe grade): Below 55% 55-58% 58-60% 60-62% 62-65 % 65 % & above Fines (Fe-grade): Below 55% 55-58% 58-60% 60-62% 62-65 % 65 % & above	Grade as reported in AR 2021-22.
7d	Any beneficiation process at mines	No proposal	NIL	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mineral conservation activities carried out inside the mine.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NIL	NIL
8b	Concurrent use or storage of topsoil	No proposal	NIL	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps for OB proposed (AD-1 & AD-2)	Waste dumping carried out at AD-1 & AD-2 as per the proposal.	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NIL	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NIL	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Not mentioned	2,13,417 nos. of plants including waste dump, green belt, etc. cumulative as on 1.04.2022	As reported in annual PMCP report 2021-22.
8g	Survival rate	Not mentioned	85% survival rate achieved	As reported in AR 2021-22.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on haul roads proposed to control airborne dust.	Water sprinkling is carried out through 28 KL-1 no and 10 KL-3 nos. water sprinklers to control airborne dust.	NIL

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Aesthetic beauty in and around the mine was good
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly Returns Submitted up to Dec, 2022 on 09.01.23 Annual Return submitted up to 2021-22 on 29.06.22	Monthly Returns Submitted up to Dec, 2022 on 09.01.23 Annual Return submitted up to 2021-22 on 29.06.22	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Shri.R.K Tekam Geologist:Dr. D.N. Subramanyam, Manager: Shri. Randhir Kumar	Appears to be correct	Shri. Phool Singh Dhruw appointed as Mining engineer from 19.10.22.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current Open cast workings: 109.38 Ha Used for waste disposal: 15.190 Ha Occupied by plant, buildings, residential, welfare buildings & roads: 19.38 Ha	Appears to be correct	NIL
9d	Scrutiny of Annual return on afforestation	Within ML- 25,000 saplings@ 85 % survival.	Appears to be correct	NIL

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	350,000 with grade 51.75 %.	There is no Mineral rejects generation proposal as per the approved document whereas 350000 tonnes with grade 51.75 % have been reported in Part-V-Sec-4.2(B), which is ROM quantity and not mineral Reject.	Violation issued under Rule 45(7) of MCDR 2017.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM: O/s -0 Ton, production - 6,849,633 .68 tons, C/s -0 ton Graded Ore O/s- 1,77,927.6 tons Production- 6,849,634 tons Despatch- ,5,483,098 tons C/s- 1,544,463 tons. (Includes both lumps & fines)	Appears to be correct	NIL

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	<p>Ex Mine Price: i)TheEx-mine price in Part-VI (3) (i) & (ii) for both iron ore lumps & fines of grades 55-58%, 58-60%, 60-62 %, 62-65% ,65 % and above have not been reported correctly as per the corresponding sales/dispatches quantity & sale value for the particular grade as reported in Part-VI-Sec-5.</p> <p>ii)Part-III: The DMF and NMET amount has not been reported correctly in Part-III (5) (c).</p> <p>Lumps: Below -55- Rs. 2405/ton 55-58 %- Rs 3449.99/ton 58-60 %- Rs. 4328.46/ton 60-62 %- Rs. 4533.52/ton 62-65 %- Rs. 4876.29/ton 65 % and above- Rs. 6285.91/ton</p> <p>Fines: Below -55- Rs. 995/ton 55-58 %- Rs. 4311.93/ton 58-60 %- Rs. 5457.04/ton 60-62 %- Rs. 5646.66/ton 62-65 %- Rs. 5950.37/ton 65 % and above- Rs. 4729.63/ton</p> <p>Cost of production: Rs. 1074.22/ton</p>		Non captive mine. Violation issued under Rule 45(7) of MCDR 2017.
9h	Scrutiny of Annual return on fixed assets	Rs. 0	Part-II A: The value of fixed assets is not reported correctly under Part-II A (1).	Violation issued under Rule 45(7) of MCDR 2017.
9k	Scrutiny of Annual return on mining machineries	<p>Water tanker- 28000 litres- 1 no. Dumper- 2 no. Wheel loader-2 nos. Dozer- 1no.</p>	The Excavator/shovel, drill, Crusher details have not been furnished in Sec 5.	Violation issued under Rule 45(7) of MCDR 2017.

Details of violations observed during current inspection and compliance position of violation pointed out

Violation observed			Show cause position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	09-FEB-23	MCDR17	Rule 45(7)	09-FEB-23 03-MAR-23
MCDR17	Rule 26(2)	09-FEB-23			
MCDR17	Rule 31(4)	09-FEB-23			
MCDR17	Rule 33	09-FEB-23			
MCDR17	Rule 45(7) (a)	09-FEB-23			03-MAR-23

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines