

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

MCDR inspection REPORT

Bangalore regional office

Mine file No : KNT/CTD/FE/4/BNG

Mine code : 30KAR07013

- (i) Name of the Inspecting : **S19**) **SANDEEP KUMAR SINGH**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Mr. Mamlekar Irshad Shaikh - Mines Manager, Mr. Somshe
Official with
Designation
- (iv) Date of Inspection : 24/09/2021
- (v) Prev.inspection date : 07/03/2020

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **A. NARRAIN**
- (b) **Registration NO.** : **IBM/327/2011**
- (c) **Category** : A Fully Mechanised
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : KARNATAKA
- District : CHITRADURGA
- Village : MEDEKERIPURA
- Taluka : CHITRADURGA
- Post office : BHEEMASAMUDRA
- Pin Code : 577501
- FAX No. : 0832-6713721 (F), Jayavel.G
- E-mail : MK.Reddy@vedanta.co.in
- Phone : 0832-6713600 (O),
- (f) **Police Station** : Baramasagara
- (g) **First opening date** : 03/10/1955
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : Vedanta Limited(formerly Sesa sterlite/Sesa Goa
Sesa Ghor, 20 EDC Complex,
Patto, Panaji, Goa- 403001
3. (a) **Lease Number** : KAR1020
- (b) **Lease area** : 163.5
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 13/05/2013
4. **Mineral worked** : IRON ORE Main

5. Name and Address of the

Lessee : VEDANTA LIMITED
 Sesa Ghor, EDC Complex,
 Patto- Panaji, Tiswadi,
 North Goa, Goa. NORTH GOA
 GOA
 Phone:08194238101, 9483211966
 FAX :08194238170

Owner : SAUVICK MAZUMDAR
 M/S VEDANTA LTD., SESA
 GHOR, EDC CO PATTO, PANAJI,
 TISWADI, NORTH GOA, 403001
 NORTH GOA GOA
 Phone: 08194238101
 FAX : 08194238170

Agent : M. Krishna Reddy
 Megalahalli Office Complex
 Bheemasamudra ,
 Chitradurga, Karnataka
 CHITRADURGA KARNATAKA
 Phone: 08194-238101
 FAX : 0832-2460612

Mining Engineer

Name : N.DEVARAJ,Full Time
 Qualification : BE(MINING)
 Appointment/ : 06/08/2020
 Termination date

Geologist

Name : Somshekhar Dhodkunde,Full Time
 Qualification : M.Sc, Applied Geology
 Appointment/ : 11/01/2016
 Termination date

Manager

Name : Mamlekar Irshad Shaikh,,,
 Qualification : FCC
 Appointment/ : 31/12/2020
 Termination date

6. Date of approval of Mining Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	03/04/1992
		Renewal under rule 22 MCR1960	04/03/1998
		Modif.of approved Mining Plan	02/07/2001
		Mining Scheme rule 12 MCDR1988	06/03/2003
		Modif.approved Mining Scheme	18/08/2005
		Mining Scheme rule 12 MCDR1988	26/04/2007
		Mining Scheme rule 12 MCDR1988	19/08/2008
		Modif.approved Mining Scheme	25/02/2010
		Mining Scheme rule 12 MCDR1988	29/02/2012
		Mining Scheme rule 12 MCDR1988	03/09/2012
		Renewal under rule 24 MCR1960	19/11/2012
		Modif.of approved Mining Plan	10/05/2016
		MP review under 17(1) MCR 2016	15/12/2016
		MP modif under 17(3) MCR 2016	23/03/2018
		MP modif under 17(3) MCR 2016	19/06/2018
		Modif.approved Mining Scheme	19/08/2019

MP review under 17(1) MCR 2016

12/03/2020

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	No Proposal	Nil	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No exploration proposal	Nil	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	G1 : 99.16 Ha Non Mineralized: 61.43 Ha	G1: 99.16 Ha Non Mineralized: 61.43 Ha	No Exploration Proposals.
1e	Balance reserve as on 01/04/20	101.664 million tonnes with avg grade 51.67 % Fe for Haematitic iron ore & 27.142 million tonnes with average grade 38.02 % for Haematitic Siliceous ore as on 31.01.2020	123.09 million tonnes as on 01.04.2021 (Including Haematitic ore & Haematitic Siliceous ore	The reserves figure as on 1.04.2021 reported correctly. However, the details of Mineral Resource is not reported correctly under UNFC code 333 in Sec 3(B)(5) as per the approved document. Violation issued under Rule 45(7) of MCDR 2017.
1f	General remarks of inspecting officers on geology, exploration etc			i)No Exploration proposals for the year 2020-21. ii) The details of Mineral Resource is not reported correctly under UNFC code-333 in Sec 3(B)(5) as per the approved document. Violation issued under Rule 45(7) of MCDR 2017.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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- 2a Location of development w.r.t.lease area South block - N1571942 1573393, E630873-629639 North Block- N1574254- 1573581, E629665-629420 SB Pit Top: 898 mRL South Block Pit Bottom: 777 mRL North block Pit Top: 940mRL NB Pit Bottom: 905mRL.
- i)It was observed during site inspection that lateral and vertical development of benches of Southern block from Sec-10-10' to Sec-15-15' were not carried out as per the approved proposal. Also, at Sec-3A-3A' it was observed that the benches have been developed beyond the proposed vertical limit of 777 mRL till 758 mRL and north eastern portion of benches have also not been advanced as per proposal.
- ii)The benches at north block pit both lateral and vertical extent were also not developed systematically as per the proposal. The benches have been developed beyond the proposed vertical limit of 905 mRL till 886 mRL.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.
- The details of no of benches & depth of the deepest working are not reported correctly in section 4.2(open cast). Also, the total quantity of Overburden/Waste removed during the year(tonnes) in Sec 4.2(C) & Quantity disposed in external dumps in Sec 4.2(C)(ii) have not been reported correctly. Violation issued under Rule 45(7) of MCDR 2017.

2c	Stripping ratio or ore to OB ratio	1: 0.42	1: 0.83	Actual OB: 4651009 tons Actual Ore: 5596950 tons.
				The Total production during the year (in tonnes) in Part-IV (2) & Overburden removed (in tonnes) in Part-IV (3) have not been reported correctly. Violation issued under Rule 45(7) of MCDR 2017.
2d	Quantity of topsoil generation in m3	No Proposal	Nil	Nil
2e	Quantity of overburden generation in m3	1468085 Cum proposed	2735887 m3	Nil.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		i)It was observed during site inspection that lateral and vertical development of benches of Southern block from Sec-10-10' to Sec-15-15' were not carried out as per the approved proposal. Also, at Sec- 3A-3A' it was observed that the benches have been developed beyond the proposed vertical limit of 777 mRL till 758 mRL and north eastern portion of benches have also not been advanced as per proposal. Violation issued under Rule 11(1).	ii)The benches at north block pit both lateral and vertical extent were also not developed systematically as per the proposal. ii)The benches have been developed beyond the proposed vertical limit of 905 mRL till 886 mRL. Violation issued under Rule 11(1).iii) The Total production during the year (in tonnes) in Part-IV (2) & Overburden removed (in tonnes) in Part-IV (3) have not been reported correctly. iv)Violation issued under Rule 45(7) for error in AR-2020-21 for Sec-4.2 opencast.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	2 Pits proposed	Actual production carried out from 2 pits as per the proposal	North & South Block
3b	Quantity of ROM mineral production proposed	5889630 tons proposed	5596950 tons achieved	Permissible Annual Production Limit - 5.597 million metric tonnes by Government of Karnataka.
3c	Recovery of sailable/usable mineral from ROM production	100% proposed	100% achieved	Nil
3d	Quantity of mineral reject generation	No Proposal	Nil	Nil
3e	Grade of mineral rejects generation and threshold value declared.	No proposal	Nil	Nil
3f	Quantity of sub grade mineral generation.	No Proposal	Nil	Nil
3g	Grade of sub grade mineral generation	No Proposal	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	Only Crushing & Screening proposed	Crushing & Screening carried out.	Four Crushing & Screening plants 1000 TPH- 1 no. 500 TPH- 3 nos.
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	Proposed for 20 % of the material (Deep hole drilling & blasting	Deep hole drilling & blasting carried out as per the proposal	Total Qty of Explosive: 122275 kg Total Material blasted: 832117 tons Slurry explosive, Nonel. (Powder factor-6.8 ton/kg)

3k	Provision of mining machineries in mineral benches	i)Excavator- 1.65 Cum- 2 nos. 2.45 Cum- 1 no. 4 Cum- 5 nos. ii)Dumpers-35 tons- 35 nos. iii)Wheel Loader- 3.1 Cum- 9 nos. iv)Drill-1 no. v)Water tanker- 8Kl-4 nos.	i)Excavator- 1.65 Cum-1 no. 2.45 Cum- 1no, 4 Cum- 5nos. ii)Dumper-35 tons- 35 nos. iii)Wheel Loader- 3.1 Cum- 4 no. 3.4 Cum- 3 nos. 2.5 Cum- 5 nos. iv)Drill 115 mm-1no. v)Water tanker- 9KL-2 nos.	The drill machine details have not been reported in Sec (5). Violation issued under Rule 45(7).
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	7 m height of bench is proposed for both OB & mineral	7 m of bench height maintained for both OB & mineral as per the proposal	Nil
3m	Total area covered under excavation/pits	77.99 ha till end of the plan period (31.03.2022)	74.410 ha as on 1.04.2021	As per AR 2020-21.
3n	Ore to OB ratio for the pit/mine during the year.	1: 0.42	1: 0.83	Actual OB: 4651009 tons Actual Ore: 5596950 tons.
3o	Total area put in use under different heads at the end of year	O/c working 77.99 Waste disposal 66.34 Infrastructure & roads 4.46 Mineral stack, Safety zone 11.8	O/c working 74.410 Waste disposal 66.521 Infrastructure & roads 3.68 Mineral stack, Safety zone 15.983	The land use (area in ha) as given in Part-I (12) under 12(iv) & (vi) have not been reported correctly in accordance with Para-8.6(Financial Assurance), of the approved document. Violation issued under Rule 45(7) of MCDR 2017.

3p	Production of ROM mineral during the last five year period as applicable	2016-17: 2290000 2017-18: 2438058 2018-19: 4508804 2019- 20:4981900 2020- 21:58,89,630 tons (in tonnes)	2016-17: 2289541 2017-18: 2288145 2018-19: 4508260 2019-20: 4545249 2020-21:55,96,950 tons (in tonnes)	Permissible Annual Production Limit - 5.597 million metric tonnes by Government of Karnataka.
3q	General remarks of inspecting officers on method of mining etc.	-	i)The ROM production carried out from North and South block. ii) The Review and updation of mining plan for subsequent five years has not been submitted to this office at least one hundred and eighty days before the expiry of five years period for which it was approved on the last occasion as per the provision of this rule. Violation issued under Rule 11(4) of MCDR 2017.	The land use (area in ha) as given in Part-I (12) under 12(iv) & iv) have not been reported correctly in accordance with Para-8.6(Financial Assurance), of the approved document. Violation issued under Rule 45(7) of MCDR 2017. v)The drill machine details have not been reported in Sec (5). Violation issued under Rule 45(7) of MCDR 2017.vi) The plans & sections were not found maintained properly up to date .The plan was not prepared and updated in UTM grid. Violation issued under 31(4) of MCDR 2017

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping proposed for OB. (D3&D4 dump)	Separate dumping carried out for OB at D3 & D4 dumps as per proposal.	It was observed that the active waste dumps D-3 & D-4 have already attained height of 90 m and at some portions even more. Also benches have been developed beyond the proposal vertical limit of 777 mRL till 758 mRL at Southern block. Accordingly, the Lessee was advised vide this office letter no KNT/CTD/Fe-4/BNG/Vol-IV dated 14/10/2021 to take immediate steps to conduct integrated slope stability of the mine from any recognized Govt. agency, to assess the overall Geotechnical mine stability.
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4b	Location of topsoil, OB and mineral reject dumps	D3 & D4 N: 1573497, 1572253 E: 631211, 630046 D3 & D4 Top: 910 mRL D3 & D4 Bottom: 850 mRL Top- 910 mRL	Dumping carried out at dump D-3 & D-4 within the proposed extent as per the proposal.	It was observed that the active waste dumps D-3 & D-4 have already attained height of 90 m and at some portions even more. Also benches have been developed beyond the proposal vertical limit of 777 mRL till 758 mRL at Southern block. Accordingly, the Lessee was advised vide this office letter no KNT/CTD/Fe-4/BNG/Vol-IV dated 14/10/2021 to take immediate steps to conduct integrated slope stability of the mine from any recognized Govt. agency, to assess the overall Geotechnical mine stability.
4c	Number of dumps within lease area and outside of lease area	Inside Lease :02 Inactive & 02 active Outside Lease- NIL	Inside Lease :02 Inactive & 02 active Outside Lease- NIL	D-1 & D-2 inactive dumps & D-3 & D-4 active dumps within the lease.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside Ultimate pit Limit	Outside Ultimate pit Limit	NIL
4e	Number of active and alive dumps.	02 (D3 &D4 dump)	02 (D3 &D4 dump)	NIL
4f	Number of dead dumps.	02 (D1 &D2 dump)	02 (D1 &D2 dump)	Both the dumps are stabilized.
4g	Number of dumps established.	No proposal	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	Retaining wall constructed. 245 m Garland drain construction proposed.	175 m garland drain construction carried out at bottom of Dump-D3 & D-4	75 m of garland drain could not be constructed due to the topography of the area,
4i	Length of Retaining wall or garland drain all along dumps	245 m Garland drain construction proposed.	175 m garland drain construction carried out at bottom of Dump-D3 & D-4	75 m of garland drain could not be constructed due to the topography of the area,

4j	Number of settling ponds	No proposal	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management		i)The waste dumping carried out the earmarked location as per the proposal.	ii) It was observed that the active waste dumps D-3 & D-4 have already attained height of 90 m and at some portions even more. Also, benches have been developed beyond the proposal vertical limit of 777 mRL till 758 mRL at Southern block. Accordingly, the Lessee was advised vide this office letter no KNT/CTD/Fe-4/BNG/Vol-IV dated 14/10/2021 to take immediate steps to conduct integrated slope stability of the mine from any recognized Govt. agency, to assess the overall Geotechnical mine stability

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	No backfilling proposals.
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 for the year 2020-21.

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	To be submitted before 1st of July every year	Annual PMCP report for the year 2020-21 submitted on 07.07.2021	Yearly report on PMCP setting forth the extent of protective and rehabilitative works carried out as per the approved Progressive mine closure plan, has not been furnished correctly. The proposed area, quantity, Expenditure figures have not been reported as per the approved proposals. Also, the Cumulative area and Quantity figures have not been reported. Violation issued under Rule 26(2) of MCDR-2017.
6b	Area available for rehabilitation (ha) .	1.20 ha on dump within ML area	6.39 ha on dumps and greenbelt within ML area.	As reported by the Lessee during inspection.
6c	afforestation done (ha).	1.20 ha on dump within ML area	6.39 ha on dumps and greenbelt within ML area.	As reported by the Lessee during inspection.
6d	No. of saplings planted during the year	3000 nos. within ML area.	30128 (Within ML)	It includes dump and greenbelt plantation.
6e	Cumulative no .of plants	407508 no of plants	434636 no of plants	It includes plantation on dump area and green belt. As reported by the Lessee during inspection.

6f	Any other method of rehabilitation	No Proposal	Nil	Nil
6g	Cost incurred on watch and care during the year	No Proposal	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x 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 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 both core & buffer zone	Air, Water, Noise monitoring carried out. Environmental Monitoring report of 20.01.2021 checked during inspection. All parameters within limit.	All parameters within limit.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			i) Yearly report on PMCP setting forth the extent of protective and rehabilitative works carried out as per the approved Progressive mine closure plan, has not been furnished correctly. The proposed area, quantity, Expenditure figures have not been reported as per the approved proposals. Also, the Cumulative area and Quantity figures have not been reported. Violation issued under Rule 26(2) of MCDR 2017.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Crushing & Screening Proposed	Crushing & Screening carried out within the ML area.	Four Crushing & Screening plants 1000 TPH- 1 no. 500 TPH- 3 nos.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No grade wise sorting proposed. Only crushing & screening proposed	Crushing & Screening carried out within the ML area.	Final O/p product Size- -10 mm, 10-40 mm

7c	Different grade of mineral sorted out at mines.	No grade wise sorting proposed	Nil.	Nil
7d	Any beneficiation process at mines	No proposal	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			i)Crushing & screening proposed within the ML area with final product size, -10 mm & 10-40 mm.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No top soil generation proposed	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)	D3& D4 dumps for OB. No mineral Reject generation proposed	OB dumping carried out at dump D-3 & D-4 as per the proposal.	No mineral reject generation.
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)	407508 no of plants .	434636 no of plants	It includes plantation on dump area and green belt. As reported by the Lessee during inspection.
8g	Survival rate	70-80% within ML area	90% within ML area.	As reported in AR 2020-21
8h	Water sprinkling on roads to control airborne dust	Sprinkling of water all along haul roads proposed for dust suppression.	Sprinkling of water is carried out on haul roads for dust suppression.	9KL two nos. of water tankers are utilized for water sprinkling along the haul roads for dust suppression.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The aesthetic beauty in and around the mine looks good.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		<p>i)It is observed that IBM Nagpur has referred back the Annual Returns for the period 2014-15, 2015-16, 2016-17, 2017-18 & 2018-19 and Monthly Returns for the period June & July 2021 for rectification and resubmission but till date of inspection, these Annual and Monthly returns have not been found submitted after rectification.</p> <p>ii)AR for 2020-21 submitted on 30.06.2021. Monthly Return for Aug-21 submitted on 09.09.2021.</p>	Violation issued under Rule 45(7) of MCDR 2017.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	<p>1) Manager-Mr. Irshad Mamlekar</p> <p>2) Mining Engineer-Mr. Devaraj N</p> <p>3) Geologist-Mr. Somshekar S Dhodakunde</p>	Information on Mining Engineer, Manager & Geologist provided.	Nil

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	O/c working 74.410 Waste disposal 66.521 Infrastructure & roads 3.68 Mineral stock, Safety zone 15.983	The land use (area in ha) as given in Part-I (12) under 12(iv) & (vi) have not been reported correctly in accordance with Para-8.6(Financial Assurance), of the approved document.	Violation issued under Rule 45(7) of MCDR 2017.
9d	Scrutiny of Annual return on afforestation	WML -30128 nos @ 90% survival rate OML-10895 nos. @ 90 % survival rate	Appears to be correct	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Appears to be Correct	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM O/s- 61,028 tons Production- 55,96,950 tons C/s- 3,39,971 tons. Graded Ore O/s- 1,92,232 tons Production- 53,18,007 tons C/s- 6,89,590 tons. (Includes both lumps & fines)	Appears to be Correct	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of Production- 621.41 Rs/ton. Ex mine price for different grades reported.	The Cost of production has not been reported correctly as Royalty is not included.	Violation issued under Rule 45(7) of MCDR 2017.

9h	Scrutiny of Annual return on fixed assets	Cost of Production- 621.41 Rs/ton. Ex mine price for different grades reported.	The Cost of production has not been reported correctly as Royalty is not included.	Violation issued under Rule 45(7) of MCDR 2017.
9k	Scrutiny of Annual return on mining machineries	i)Excavator- 1.65 Cum-1 no. 2.45 Cum- 1no, 5Cum- 5nos. ii)Dumper-35 tons- 35 nos. iii)Wheel Loader- 3.1 Cum- 4 no. 3.4 Cum- 3 nos. 2.5 Cum- 5 nos. iv)Water tanker- 9KL-2 nos. v)Dozer- 4 nos. vi)Motor Grader-2 nos.	The drill machine details have not been reported 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)	04/10/2021	29/11/2021				
MCDR17	Rule 11(4)	04/10/2021	29/11/2021				
MCDR17	Rule 26(2)	04/10/2021	29/11/2021				
MCDR17	Rule 31(4)	04/10/2021	29/11/2021				
MCDR17	Rule 45(7)(a)	04/10/2021	29/11/2021				

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines