

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

MCDR inspection REPORT

Bangalore regional office

Mine file No : KNT/RCH/AU/1/BNG

Mine code : 27KAR16001

- (i) Name of the Inspecting : **S19**) **SANDEEP KUMAR SINGH**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Dr Solankar, Geologist and Shri A Ghosh , Senior Mana
Official with
Designation
- (iv) Date of Inspection : 13/01/2022
- (v) Prev.inspection date : 17/11/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **HUTTI**
- (b) **Registration NO.** : **IBM/4362/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Underground
- (e) Postal address
- State : KARNATAKA
- District : RAICHUR
- Village : HUTTI
- Taluka : LINGASUGUR
- Post office : HUTTI
- Pin Code : 584115
- FAX No. : 08537-275054 (F),
- E-mail : hygominhutti@bsnl.in
- Phone : 08537-275022 (O), 94822380
- (f) Police Station : HUTTI
- (g) First opening date : 19/12/1978
- (h) Weekly day of rest : SUN
2. Address for : At & Po- HUTTI,
correspondance Tq- Lingasugur, Dist- Raichur
KARNATAKA - 584 115
3. (a) Lease Number : KAR0589
- (b) Lease area : 528.35
- (c) Period of lease : 30
- (d) Date of Expiry : 19/12/2008
4. Mineral worked : GOLD Main
SILVER Associated

5. Name and Address of the

Lessee : HUTTI GOLD MINES COMPANY LTD
At & Po- Hutti Tq-Lingsugur
584 115 RAICHUR KARNATAKA
Phone:08537-275025
FAX :08537-275054

Owner : PRABHULING KAVALIKATTI, IAS
3 rd FLOOR KHB SHOPPING
COMPLEX NATIONAL GAMES
VILLAGE, KORAMANGALA
,BANGALORE BANGALORE
KARNATAKA
Phone: 05837275022
FAX :

Agent : RAVIKUMAR
THE HUTTI GOLD MINES CO
LTD, HUTTI , LINGASUGUR
TLUK RAICHUR DISTRICT
RAICHUR KARNATAKA
Phone: 9449615014
FAX :

Mining Engineer

Name : ABHIJIT SURYAVANSHI, Full Time
Qualification : B E MINING
Appointment/ : 06/08/2020
Termination date

Geologist

Name : SANJEEVAKUMAR SOLANKAR, Full Time
Qualification : M.Sc Applied Geology) Ph.D
Appointment/ : 08/07/2019
Termination date

Manager

Name : P Suresh
Qualification : DIP IN MINING
Appointment/ : 03/06/2019
Termination date

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| 6. Date of approval of Mining | : | Existing rule 11 MCDR1988 | 01/12/1993 |
| Plan/Scheme of Mining | | Mining Scheme rule 12 MCDR1988 | 13/04/2000 |
| | | Mining Scheme rule 12 MCDR1988 | 11/09/2003 |
| | | Renewal under rule 24 MCR1960 | 18/08/2008 |
| | | Mining Scheme rule 12 MCDR1988 | 13/02/2014 |
| | | MP review under 17(1) MCR 2016 | 14/02/2017 |
| | | MP review under 17(1) MCR 2016 | 09/04/2018 |
| | | MP modif under 17(3) MCR 2016 | 05/10/2020 |

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|---|---|--|--|
| 1a | Backlog of previous year | No proposal. | Nil. | Nil. |
| 1b | Exploration over lease area for geological axis 1 or 2 | 3 Surface boreholes amounting to 600 m proposed. | 1 Surface and 4 underground boreholes drilled for the year 2020-21 amounting to 352 m. | Some of the surface boreholes could not be drilled due to land acquisition and local villagers' issues as reported by Lessee. Additional U/g boreholes were drilled. |
| 1c | Exploration Agencies and Expenditure in lakh rupees during the year | Not mentioned. | M/s HGML and total expenditure incurred is Rs 25,64,800/- | As reported by the Lessee during inspection. |
| 1d | Balance area to be explored to bring Geological axis in 1 or 2 | G-1-136.33 ha, G-2-92.76 ha G-3-225.86 ha | G-1-136.33 ha, G-2-92.76 ha G-3-225.86 ha | Exploration in progress during the plan period. |
| 1e | Balance reserve as on 01/04/20 | 19.74 million tonnes with grade 4.33 g/t as on 1.04.2020. | 19.359 million tonnes as on 1.04.20321. | As reported in AR 2020-21 after depleting ROM production for the year 2020-21. |

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| 1f | General remarks of inspecting officers on geology, exploration etc | <p>i) Reserve/resource reported correctly in AR 2020-21.</p> <p>ii) Part-V: a) The Exploration meterage in Sec-4.1 of AR 2020-21 have not been reported correctly. It was observed during inspection that total exploration meterage is 352 metres. Violation issued under Rule 45(7) of MCDR 2017 & MCDR(Amendment), 2021.</p> <p>iii) Violation issued under Rule 33 of MCDR 2017 & MCDR(Amendment), 2021 for non-submission of geological plans & sections as per the provision of the rule</p> |
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Development :

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|--|---|---|--|
| 2a | Location of development w.r.t. lease area | Total proposed development of 6332 m (4032 m on lode & 2300 m off lode development) | 2900 m (1174 m off lode & 1726 m on lode) actual development carried out. | 54 % less than the approved proposal for the year 2020-21. Violation issued under Rule 11(1) of MCDR 2017. |
| 2b | Separate benches in topsoil, overburden and minerals (Rule 15) | Not applicable. | Not applicable. | Underground Mine. |
| 2c | Stripping ratio or ore to OB ratio | 1:0.17 | 1:0.12 | ROM-3,79,340 tonnes Waste- 46,348 tonnes (As reported by Lessee during inspection) |
| 2d | Quantity of topsoil generation in m3 | Not applicable. | Not applicable. | Underground Mine. |

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| 2e | Quantity of overburden generation in m3 | 92178 tons~30726 Cum | 46,348 tonnes~15449 Cum | Figures as reported by Lessee during inspection. It was observed that only 46,348 tonnes of waste have been generated against the proposed waste generation of 92,178 tonnes for the year 2020-21 which is 49 % less than the approved proposal. |
| 2f | General remarks of inspecting officers on development of pit w.r.t. type of deposit etc | General remarks of inspecting officer : - i) It was observed that against the total proposed development of 6332 m (4032 m on lode & 2300 m off lode development) only 2900 m (1174 m off lode & 1726 m on lode) actual development has been carried out which is 54 % less than the approved proposal for the year 2020-21. Violation issued under Rule 11(1) of MCDR 2017. | | ii) It was observed that only 46,348 tonnes of waste have been generated against the proposed waste generation of 92,178 tonnes for the year 2020-21 which is 49 % less than the approved proposal. Violation issued under Rule 11(1) of MCDR 2017. iii) Part-IV: 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 & MCDR(Amendment), 2021. |

Exploitation:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|---------------------------------------|-----------------------------------|--|---------|
| 3a | Number of pit proposed for production | 8 stopes proposed for production. | Actual production carried out from 8 stopes. | Nil. |

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| 3b | Quantity of ROM mineral production proposed | 5,23,467 tonnes of ROM production proposed. | 3,79,340 tonnes of ROM production achieved. | It was observed that only 3,79,340 tonnes of ROM production have been achieved against the proposed ROM production of 5,23,467 tonnes for the year 2020-21 which is 27 % less than the approved proposal. Violation issued under Rule 11(1) of MCDR 2017. |
| 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 | No Proposal. | Nil. | No ROM segregation proposed. ROM produced is sent to the processing plant. |
| 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 | Stope Drilling - Ring Pattern Horizontal development - Burn Cut Pattern | Stope Drilling - Ring Pattern Horizontal development - Burn Cut Pattern | Explosive -Slurry Explosives with delay detonators. |

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| 3k | Provision of mining machineries in mineral benches | Jack Hammer, Loaders, Locomotives, Simba junior Machines etc. | Mining machineries deployed as per the proposal. | Nil. |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | Not applicable. | Nil. | It is an underground mine and the stope & development headings sizes are maintained as per the permissible limits. |
| 3m | Total area covered under excavation/pits | Not applicable. | Not applicable. | Underground Mines. |
| 3n | Ore to OB ratio for the pit/mine during the year. | 1:0.17 | 1:0.12 (46348 Tonnes of waste produced against ROM of 379340 tonnes) | ROM-3,79,340 tonnes Waste- 46,348 tonnes (As reported by Lessee during inspection). |
| 3o | Total area put in use under different heads at the end of year | i)Tailing Pond/waste disposal-62.00 ha. ii)Infrastructure & roads including mineral storage-137.68 ha iii)Other- 4.7 ha at the end of plan period i.e., 31.03.2023. | i)Waste disposal-50.08 ha. ii)Infrastructure & roads including mineral storage-137.68 ha iii)Other- 4.7 ha | As reported in AR-2020-21. |
| 3p | Production of ROM mineral during the last five year period as applicable | 2016-17 :574000 2017-18 :574000 2018-19: 513610 2019-20: 654335 2020-21: 523467 (in tonnes) Total: 2839412 T | 2016-17 :472655 2017-18 :509053 2018-19 : 540026 2019-20 : 539851 2020-21 :379340 (in tonnes) Total :2440925 | Nil. |

3q General remarks of inspecting officers on method of mining etc.

i) It was observed that only 3,79,340 tonnes of ROM production have been achieved against the proposed ROM production of 5,23,467 tonnes for the year 2020-21 which is 27 % less than the approved proposal. Violation issued under Rule 11(1) of MCDR 2017.

ii) Part-V: The tonnage of ore blocked for stopping & Quantity of waste removed in details in Sec-4.3(g) & (h) of AR 2020-21 have not been reported correctly. Violation issued under Rule 45(7) of MCDR 2017 & MCDR(Amendment), 2021.

Solid Waste Management - Dumping:

| Sl.No. | Item | Proposals | Actual work | Remarks |
|--------|--|--|--|---|
| 4a | Separate dumping of topsoil, OB and mineral rejects (Rule 32,33) | No topsoil & mineral reject generation proposed. Waste rock generated proposed to be used for stope filling & surface civil construction in the ratio 51:49. | Waste generated utilized for exhausted stope filling and surface civil construction as per the proposal. | 51 % of waste generated to be utilized for filling & 49 % for civil construction. |
| 4b | Location of topsoil, OB and mineral reject dumps | No proposal. | Nil. | Nil. |

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| 4c | Number of dumps within lease area and outside of lease area | 3 Tailing dumps within the Lease area. A portion of Tailing Dump-D-2 outside Lease area towards Northern side of Lease. | 3 Tailing dumps within the Lease area. A portion of Tailing Dump-D-2 outside Lease area towards Northern side of the Lease. | Violation for Tailing Dump-D-2 has already been pointed by the previous inspecting officer. Also it was observed during site inspection that the Lease boundary along the new tailing dump(D-3) has not been demarcated with the intermediate pillars and fencing between pillar B and C. This may lead to extension of the tailing dump beyond the 7.5 m safety zone in future due to absence of the physical demarcation on the ground. |
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 16) | Not applicable since it is a underground mine. | Not applicable since it is a underground mine. | Underground Mine |
| 4e | Number of active and alive dumps. | D3 tailing dump proposed for the year 2020-21. | Actual tailing dump carried out in both Tailing dump D2 & D3 since the capacity of Tailing dump-D-2 has not been completed. | As reported by the Lessee during inspection. |
| 4f | Number of dead dumps. | 02 dead tailing dumps (D1 & D2). | 02 dead tailing dumps (D1 & D2). | Nil. |
| 4g | Number of dumps established. | No Proposal. | Nil. | Nil. |
| 4h | Whether Retaining wall or garland drain all along dumps are there. | No Proposal. | Nil. | Nil. |
| 4i | Length of Retaining wall or garland drain all along dumps | No Proposal. | Nil. | Nil. |
| 4j | Number of settling ponds | No Proposal. | Nil. | Nil. |

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| 4k | Specific comments of inspecting officer on waste dump management | i)It was observed during site inspection that the Lease boundary along the new tailing dump(D-3) has not been demarcated with the intermediate pillars and fencing between pillar B and C. This may lead to extension of the tailing dump beyond the 7.5 m safety zone in future due to absence of the physical demarcation on the ground. 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. | 5 exhausted stopes proposed for filling. (RF 10L - 13 Inter L JE34, RP-5 & 6, (7P), (8P), (R2 - R2 Extn), | Filling carried out in 4 exhausted stopes. (RF 10L - 13 Inter L JE34, RP-5 & 6, (7P), (8P)). | The stope block R-2-R2 Extn,1000 level to 13 Interlevel for Strike Reef Hang wall, GE 31/32 was proposed for 30,000 tonnes of Black Rock filling against which no backfilling have been carried out. The Hydraulic stowing have been carried out in B-Block 20 drill level to 2200 level for Strike Reef Hang-wall, FE 33 region which is not there in year 2020-21 as per approved proposal. Violation issued under Rule 11(1) of MCDR 2017. |

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| 5b | Area under backfilling of mined out area | 1,38,000 tons of filling proposed including black rock filling & Hydraulic stowing. | 65910 tons of filling proposed including black rock filling & Hydraulic stowing. | The stope block R-2-R2 Extn,1000 level to 13 Interlevel for Strike Reef Hang wall, GE 31/32 was proposed for 30,000 tonnes of Black Rock filling against which no backfilling have been carried out. The Hydraulic stowing have been carried out in B-Block 20 drill level to 2200 level for Strike Reef Hang-wall, FE 33 region which is not there in year 2020-21 as per approved proposal. Violation issued under Rule 11(1) of MCDR 2017. |
| 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. | | General remarks of inspecting officer :- i) The stope block R-2-R2 Extn,1000 level to 13 Interlevel for Strike Reef Hang wall, GE 31/32 was proposed for 30,000 tonnes of Black Rock filling against which no backfilling have been carried out. The Hydraulic stowing have been carried out in B-Block 20 drill level to 2200 level for Strike Reef Hang-wall, FE 33 region which is not there in year 2020-21 as per approved proposal. Violation issued under Rule 11(1) of MCDR 2017. | ii)Part-V: The Tailings tonnage have not been reported correctly in Sec-7(ii). The Metals recovered quantity to be depleted in the Tailings quantity. Violation issued under Rule 45(7) of MCDR 2017 & MCDR(Amendment), 2021. |

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 14.07.2021. | Nil. |
| 6b | Area available for rehabilitation (ha) . | 0.5 ha within lease proposed for afforestation. | 0.5 ha afforestation carried out within the lease. | As per submitted PMCP report 2020-21. |
| 6c | afforestation done (ha). | 0.5 ha within lease proposed for afforestation. | 0.5 ha afforestation carried out within the lease. | As per submitted PMCP report. The plantation was carried out at different location (Old Tailing dump area). The plantation along 7.5 m safety zone along the active tailing dump D-3 at Corner pillar towards pillar A and C for 0.5 ha have not been carried out as per the proposal for the year 2020-21. Violation issued under Rule 11(1) of MCDR 2017. |
| 6d | No. of saplings planted during the year | 1000 No. of saplings proposed. | 1000 No. of saplings planted. | As per submitted PMCP report. The plantation was carried out at different location (Old Tailing dump area). The plantation along 7.5 m safety zone along the active tailing dump D-3 at Corner pillar towards pillar A and C for 0.5 ha have not been carried out as per the proposal for the year 2020-21. Violation issued under Rule 11(1) of MCDR 2017. |
| 6e | Cumulative no .of plants | 12200 nos. of cumulative saplings. | 12200 nos. of cumulative saplings | As reported in Annual PMCP report 2020-21. |

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| 6f | Any other method of rehabilitation | No proposal. | Nil. | Nil. |
| 6g | Cost incurred on watch and care during the year | Rs. 20,00,000 proposed. | Rs. 11,00,000 cost incurred. | As reported by the Lessee during inspection. |
| 6h | Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D | 1,38,000 tons of filling proposed including black rock filling & Hydraulic stowing.) | 65910 tons of filling proposed including black rock filling & Hydraulic stowing. | As reported by Lessee during inspection. The stope block R-2-R2 Extn,1000 level to 13 Interlevel for Strike Reef Hang wall, GE 31/32 was proposed for 30,000 tonnes of Black Rock filling against which no backfilling have been carried out. The Hydraulic stowing have been carried out in B-Block 20 drill level to 2200 level for Strike Reef Hang-wall, FE 33 region which is not there in year 2020-21 as per approved proposal. Violation issued under Rule 11(1) of MCDR 2017. |

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| 6i | Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings | 1,38,000 tons of filling proposed including black rock filling & Hydraulic stowing. | 65910 tons of filling proposed including black rock filling & Hydraulic stowing. | The stope block R-2-R2 Extn,1000 level to 13 Interlevel for Strike Reef Hang wall, GE 31/32 was proposed for 30,000 tonnes of Black Rock filling against which no backfilling have been carried out. The Hydraulic stowing have been carried out in B-Block 20 drill level to 2200 level for Strike Reef Hang-wall, FE 33 region which is not there in year 2020-21 as per approved proposal. Violation issued under Rule 11(1) of MCDR 2017. |
| 6j | Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area | No proposal. | Nil. | Nil (Underground Mine). |
| 6k | Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir | No proposal. | Nil. | Nil (Underground Mine). |
| 6l | Compliance on reclamation and rehabilitation by backfilling (v)any other specific means. | No proposal. | Nil. | Nil (Underground Mine). |
| 6m | Compliance of rehabilitation of waste land within lease (i)afforestation | No proposal. | Nil. | Nil (Underground Mine). |

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| 6n | Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha) | No proposal. | Nil. | Nil (Underground Mine). |
| 6o | Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation | No proposal. | Nil. | Nil (Underground Mine). |
| 6p | Compliance of environmental monitoring (core zone and buffer zone) | Environmental monitoring proposed. | Environmental monitoring carried out as per proposal. Environmental monitoring report of Mar-21 available during inspection. All Parameters within Limit. | Environmental monitoring parameters are within limits. |
| 6q | General remarks of inspecting officers on PMCP compliance and progressive closure operations etc. | | | The plantation along 7.5 m safety zone along the active tailing dump D-3 at Corner pillar towards pillar A and C for 0.5 ha have not been carried out as per the proposal for the year 2020-21. Violation issued under Rule 11(1) of MCDR 2017. |

Mineral Conservation:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|--|---|----------------------|--|
| 7a | ROM Mineral dispatch or grade-wise sorting within lease area | No grade wise sorting proposed for ROM. The ore is dispatched to the processing plan within the lease area where crushing, grinding units are present with the metal extraction system. | As per the proposal. | The ore is dispatched to the processing plan within the lease area where crushing, grinding units are present and the metal extraction system. |

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| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical. | No grade wise sorting. Only Mechanized crushing & grinding within the processing plant. | As per the proposal. | Nil. |
| 7c | Different grade of mineral sorted out at mines. | No Proposal. | Nil. | Nil. |
| 7d | Any beneficiation process at mines . | Yes, crushing & grinding and the metal extraction system. | Carried out as per the proposal. | Nil. |
| 7e | General remarks of inspecting officer on Mineral conservation and beneficiation issues | | | The necessary measures taken in view of the mineral conservation of the mine. |

Environment:

| Sl.No. | Item | Propasals | Actual work | Remarks |
|--------|---|---|---|--|
| 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) | D3 tailing dump proposed for the year 2020-21 | Actual tailing dump carried out in both Tailing dump D2 & D3 since the capacity of Tailing dump-D-2 has not been completed. | As reported by the Lessee during inspection. |
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | No proposal. | Nil. | Nil. |

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| 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) | 12200 nos. of cumulative saplings | 12200 nos. of cumulative saplings | As reported in Annual PMCP report 2020-21. |
| 8g | Survival rate | 40-50% proposed | 50% achieved | As reported in AR 2020-21 |
| 8h | Water sprinkling on roads to control airborne dust | Water sprinkling proposed to control surface airborne dust. | Water sprinkling carried out by 02 Water Sprinklers of Capacity: 6000 litres each for controlling the airborne dust at surface. | Nil |
| 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 | M.R. Submitted up to Dec-2021 on 10.01.2022 ***** A.R. Submitted up to 2020-21 on 30.08.2021. | As per provision of Rule 45(5)(b) ' a monthly return shall be submitted before the tenth day of every month in respect of the preceding month in electronic form''. The monthly Return for the month of Oct-2021 has been submitted on 10th November 2021 which is after the due date i.e., by 9th of every month.Violation issued under Rule 45(7) od MCDR 2017 & MCDR(Amendment), 2021. | Nil |

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| 9b | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | i)Mine Manager: Suresh P. ii)Mining Engineer: Abhijit Suryavanshi iii)Geologist: Dr. Sanjeev Kumar Solankar | Appears to be correct. | Nil. |
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | i)Waste disposal-50.08 ha. ii)Infrastructure & roads - 137.68 ha iii)Other- 4.7 ha. iv)Reclaimed & Rehabilitated- 66.08 ha v)Work done under PMCP-0.5 ha. | Appears to be correct. | Nil. |
| 9d | Scrutiny of Annual return on afforestation | 1000 saplings with 45-50% 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 Opening ROM Stock- 66475 tonnes. ROM Production- 379340 tonnes Closing stock- 38913 tonnes. Graded-ore (Ore dispatched to processing plant) Opening stock- 4576 tonnes Ore received from Mine- 379340 tonnes Ore treated in plant-380318 tonnes. | i)Part-VI- a) Part-VI (1) have not been reported correctly. It was observed during site inspection that under the opening stock and closing stock of ROM the broken ore in-situ (estimated) quantity is reported whereas in production, the hoisted ore (Measured) tonnage is reported which is not relatable. The measured quantity i.e., the hoisting quantity are to be reported in all the three columns i.e., Opening, Production and closing stock.b) The tailings under Part-VI (3) not reported correctly. | ii)Part-VII: The production proposal for financial year 2020-21 to be corrected as '5,23,467' tonnes as per the approved document. Violation issued under Rule 45(7) of MCDR 2017 & MCDR (Amendment), 2021. |

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| 9g | Scrutiny of Annual return on sale value, Ex. Mine price and production cost | Cost of Production-Rs. 10159.90/ton Ex mine price- 10159.90/ton. | Appears to be correct. | Nil. |
| 9h | Scrutiny of Annual return on fixed assets | Rs. 920278638 including Land, Industrial, Plant & machinery & capitalized expenditure. | Part-IIA: The value of fixed assets is not reported correctly under Part-II A (1). | Violation issued under Rule 45(7) of MCDR 2017 & MCDR(Amendment), 2021. |
| 9k | Scrutiny of Annual return on mining machineries | Load Haul Dumper- 2 Locomotive- 6 Crusher-3 Winding Engine-4 | Appears to be correct. | Nil. |

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

| Violation observed | | | Show couse position | | |
|----------------------|------------|---------------|---------------------|------------|---------------|
| Rule NO. | Issued on | Compliance on | Rule NO. | Issued on | Compliance on |
| MCDR17 Rule 45(7)(a) | 02/02/2022 | | MCDR17 Rule 45(7) | 02/02/2022 | 07/03/2022 |
| MCDR17 Rule 11(1) | 02/02/2022 | | | | |
| MCDR17 Rule 33 | 02/02/2022 | | | | |

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines