

CHECKUP INSPECTION REPORT FOR THE YEAR 2024-25

S. N.	Particulars	Details
1	Name of the Mine	Thimmappanagudi iron ore Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	136.94 Ha. as per CEC
3	Minecode	30KAR03103
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/4369/2011
5	Name of the lessee, Address, phone, email and fax number	Karnataka State Minerals Corporation Limited BMTc Shanthinagar, TTMC Building, 5 th Floor, A block , Shanthinagar, Bengaluru-560027 Land Phone No:- 080-22278813/14/15/16 Fax No:- 08022213172 Mail ID :- md.ksmcl@gmail.com
6	Village	Krishnanagar
7	Taluk/Mandal	Sandur
8	District	Ballari
9	Pincode	583119
10	State	Karnataka
11	Post office	Sandur
12	Nearest police station	Sandur
13	Nearest Railway station	Toranagallu
14	Date of Grant of Mining Lease	27/12/1985
15	Date of Execution	27/12/1985
16	Date of opening of Mine	27.12.1985[Mining operations started in the area from 1978 on the basis of working permission granted by the Government of Karnataka vide letter No.CI 25 EMI 76 Dt.17.09.1976]
17	Date of first Renewal, if applicable and its period & expiry	28.05.2009 (w.e.f. 27.12.2005, 1st renewal)
18	Date of second Renewal, if applicable and its period & expiry	Supplementary leasedeed extended the lease period for fifty years from the date of original grant on 13.07.2020. Valid from 27.12.1985 to 26.12.2035 (Lease extended as per MMD&R Amendment act-2015).
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri.JayavibhavaSwamy, I.A.S. Managing Director, Karnataka State Minerals Corporation Limited BMTc Shanthinagar, TTMC Building., "A" Block, 5th Floor, Shanthinagar, Bangalore-560027 Land Phone No:- 080-22278813/14/15/16 Fax No:- 08022213172 Mail ID :- md.ksmcl@gmail.com Date of Appointment : 03.07.2023

21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri. Mallikarjun Sarapur Agent/GM (P) Karnataka State Minerals Corporation Limited BMTC Shanthinagar, TTMC Building, 'A' block, 5th floor Shanthinagar, Bengaluru-560027 Land Phone No.080-22278813/14/15/16 Cell No:- +91 8763673728 Fax No. 08022213172 Mail.ID :- mallikarjunsarapur@gmail.com Date of Appointment : 01.12.2020
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri.H.J.Basavarajappa Mines Manager Karnataka State Minerals Corporation Limited Thimmappanagudi Iron Ore Mine Krishnanagar Village, Sandur Taluk, Ballari District Land Phone No.8277380133 Cell No:- +91 9448770503 Fax No. 08022213172 Mail.ID :- mmliodsandur2@gmail.com Date of Appointment : 12.06.2020
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri.H.J.Basavarajappa Dip.in Mining Eng. Karnataka State Minerals Corporation Limited Thimmappanagudi Iron Ore Mine Krishnanagar Village, Sandur Taluk, Ballari District Land Phone No.8277380133 Cell No:- +91 9448770503 Fax No. 08022213172 Mail.ID :- mmliodsandur2@gmail.com Date of Appointment : 17.03.2022
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes, Shri. Dr.Yogananda K.S, Geologist Karnataka State Minerals Corporation Limited Thimmappanagudi Iron Ore Mine Krishnanagar Village, Sandur Taluk, Ballari District Land Phone No.8277380133 Cell No:- +91 8073502060 Fax No. 08022213172 Mail.ID :- mngp09@gmail.com Date of Appointment:17.03.2022
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Approval of "Review & Updation of Mining Plan" vide letter No.279/629/99/BNG-214, Dated:05.02.2021
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Approval of "Review & Updation of Mining Plan" vide letter No.279/629/99/BNG-214, Dated:05.02.2021
27	Mineral(s) granted in lease and proved for mining	Iron Ore (Hematite)
28	Method of Mining(Open cast, Underground)	Open cast

29	Category (Fully Mechanized, Others Or Manual)	'A' Category (Fully Mechanized)
30	Captive/ Non captive	Non-Captive
31	Date of inspection	26.09.2024
32	Name of accompanying mine officials with designation	1. Shri.MallikarjunSarapur, GM (P) 2. Shri.H.J.Basavarajappa, Mines Manager 3. Shri.Y.M.ThriyabmakaShastry, DM (Survey) 4. Shri. Dr. Yogananda K.S, Geologist

Exploration :

Sl.No.	Item	Proposals (year 2023-24)	Actual work (year 2023-24)	Remarks
1a	Backlog of previous year	No Proposal	No Proposal	-
1b	Exploration over lease area for Geological axis 1 or 2.	G1-43.93Ha	G1-43.93Ha. G2-2.00 Ha. G3 - Nil	Mineralized area 43.93Ha. & Non Mineralized area-91.01Ha. As per approved document, Mining Area-136.94Ha.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Proposal	No Proposal	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	-	-	Mineralized area 43.93Ha. & Non Mineralized area-91.01Ha. As per approved document, Mining FC Area-136.94Ha.
1e	Balance Reserves as on 31.03.2024	-	In Metric Tones Proved = 2461202 Probable = 365134 Total = 28,26,336	As per the AR 2023-24
1f	General remarks of inspecting officer on geology, exploration etc.	The iron ore deposit occurs in the form of pocket type deposit with Banded Ferruginous Quartzite's, Phyllite. The ore body is exposed over a strike length of 1850 Mtrs & Width of 80Mtrs towards North West to South East. The dip varies between 60° to 75°, towards North East. The quality of iron ore is good with the grade varies ranging from 45% to + 65% Fe content. Out of 136.94, the un-explored area of 91.01 Ha. is not yet undertaken for exploration due to un-approachable & highly steep terrain. Remaining area is explored with 190 core and RC holes from 1998 to 2021 over 9500 + meterage. It is suggested to cover the entire Mining lease area under G1 level of exploration at the earliest.		

Development

S/ No	Item	Proposals (year 2023-24)	Actual work (year 2023-24)	Remarks
2a	Location of	Development was	Development was	Workings carried out

	development w.r.t. lease area	proposed in grids N - 1673800 to 1674230 E - 663820 to 665145 The benches were proposed to be formed between 956&880 above MSL	Achieved in grids N - 1673819 to 1674195 E - 664064 to 664800 The benches were Achieved 956&882above MSL	within the proposed grid intervals. However, only 26% of the proposed development is achieved and RO is directed to issue violation for the same.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Separate benches for overburden & mineral proposed	Separate benches of overburden & Mineral are Maintained as per proposal.	There are no top soil benches. Over burden benches are of 3Nos. and Mineral benches are 9Nos.
2c	Stripping ratio ore to OB ratio	1:2.32 (in Metric Tonnes)	1:2.94(in Metric Tonnes)	(Bulk Density considered for ore is 2.88 & waste 2.5 tons/Cum)
2d	Quantity of topsoil generation in m3	No proposal	NIL	No top soil was generated in reporting year
2e	Quantity of overburden generation in m3	6,04,272in m ³ (15,10,679in Metric Tonnes)	2,11,590 in m ³ (5,28,976 in Metric Tonnes)	211590m3 waste generation including BHQ claimed to be Mineral rejects (as per AR-2023-2024) thereby achieving only 35 % of the proposed development. RO is directed to issue violation for the same.
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The benches are made along the strike. Entire Strike length is opened with only one pit and mine bench advance across and along the strike with a maximum height of 8.0 Mts and width at 10 Mts. having 3 benches in OB and 9 benches in Mineral with a slope of 75 degrees to the horizontal. The average dimension of the existing pits 1500Mts (length) X 260 Mts (Width) X 82Mts (Depth) and is suitably developed for this type of pocket deposit.		

Exploitation

S/ No	Item	Proposals (year 2023-24)	Actual work (year 2023-24)	Remarks
3a	Number of pits proposed for production	One pit proposed	working is carried out in onlyone pit	Approximate dimension of the pit in meters L-1500m, W-260m, D-82m
3b	Quantity of	6,50,000 MTs		Achieved only

	ROM mineral production proposed		1,79,473 MTs	28% of proposed production. RO is directed to issue violation for the same.
3c	Recovery of salable/usable mineral from ROM production	Recovery 90%	Recovery 90%	As per proposals
3d	Quantity of mineral reject generation	No Proposal	140668.84 Tonnes of BHQ is reported as mineral rejects in the AR of grade 30% Fe and stacked separately.	No violation is issued owing to mineral conservation aspects.
3e	Grade of mineral reject generation and threshold value declared.	+35% Fe for Hematite Siliceous	BHQ is reported as mineral rejects in the AR of grade 30% Fe and stacked separately.	140668.84 Tonnes of average grade 30% fe is booked as Mineral rejects instead of waste and stacked separately which is appreciable. However if this less than notified threshold value mineral is wished to be considered mineral rejects, the quantity needs to be considered as ROM Mineral Production. Accordingly RO is directed suitable letter for correction in AR.
3f	Quantity of sub-grade mineral generation	No proposal	Not Applicable	-
3g	Grade of sub-grade mineral generation	No proposal	Not Applicable	-
3h	Manual / Mechanized method adopted for segregating from ROM	Mechanized method proposed for segregating from ROM	Mechanized method adopted for segregating from ROM	Screening plant – 2Nos. Make - Metso&Extac S-5
3i	Any analysis or beneficiation study proposed & carried out for sub-grade	No proposal	Not Applicable	-

	mineral and reject							
3j	Provision of drilling & blasting in mineral benches	Deep hole Drilling & Blasting is proposed for removal of hard strata in overburden & mineral benches.	Drilling & Blasting carried out in hard strata. Direct excavation is carried in fines ore and clay benches.	90% of the total material handled byblasting.				
3k	Provision of mining machineries in mineral benches	Mining Machineries 1)Excavator-10Nos. 2)Wheel loader -7Nos. 3)Dumper/Tippers-27Nos. 4)water Tankers-10Nos. 5)Crushingunit-1Nos. 6)Screening unit- 2Nos. 7)Drilling Machine-3Nos.	Mining Machineries 1)Excavator - 5Nos. 2)Wheel loader - 3Nos.3)Dumpers/Tippers -18Nos. 4)water Tankers -5Nos. 5)Crushing/Screening unit - 2Nos. 6)Drilling Machine-3Nos.	As per the AR-2023-2024.				
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench Height 8Mtrs& Width 10Mtrs proposed	Bench height and width is maintained as per the proposal.	Lessee is in the process of rectifying the bench height and width in compliance to the previous violations. So, no fresh violations are being issued in this regard.				
3m	Total area covered under excavation/pits	Mining – 49.20 Ha. Waste dump – 21.85Ha.	Mining – 47.228 Ha. Waste dump – 20.31Ha.	The work is carried out within broken up area.				
3n	Ore to OB ratio for the pit/mine during the year	1:2.32	1:2.94					
3o	Total area put in use under different heads at the end of year	1) Opencast working-49.20Ha. 2) R&R -17.75Ha, 3)Active Dump3-3.00Ha. 4)OB Dumps-21.85Ha. 5)Mineral Storage - 3.00Ha. 6) Re-handling DumpD1-3.40 Ha. 7) Infrastructure &Roads-3.70Ha. 8) Gully Plugs - 0.005Ha 9)Garland Drain - 1.20Ha. 10)Settling Tank - 0.305Ha. 11) Green Belt - 5.20Ha. 12.Retaining Wall - 1.20Ha. 13.Untouched area-27.13Ha.	1)Opencast working-47.228Ha 2)Reclaimed-rehabilitated - 17.75Ha. 3)Road - 3.00Ha. 4)Infrastructure - 0.70Ha. 5)Waste Disposal-20.31Ha. 6)Others - 45.28Ha.(Green Belt, ST, GD,RW,GP,Untouched area etc	As per the AR-2023-2024.				
3p	Production of ROM mineral during last five-year	(in Metric Tonnes) <table border="1" data-bbox="486 1966 802 2011"> <tr> <td>2019-20</td> <td>650000</td> </tr> </table>	2019-20	650000	(in Metric Tonnes) <table border="1" data-bbox="831 1966 1133 2011"> <tr> <td>2019-20</td> <td>421483</td> </tr> </table>	2019-20	421483	RO is directed to issue violations for not achieving the proposed
2019-20	650000							
2019-20	421483							

	period, as applicable	2020-21	650000	2020-21	650000	production and development quantities.
		2021-22	650000	2021-22	636050	
		2022-23	650000	2022-23	573000	
		2023-24	650000	2023-24	179473	
		2024-25	650000	2024-25 (upto Aug-24)	189820	
3q	General remarks of inspecting officer on method of mining etc.	The mine is developed as an open pit mine with combination of excavators and tippers & deep hole drilling and blasting. 90% of the development & production requires blasting as reported.				

Solid Waste Management-Dumping:

S/ No.	Item	Proposals (Year 2023-24)	Actual work (Year 2023-24)	Remarks
4a	Separate Dumping of topsoil, OB & mineral reject (Rule 32, 33)	Generated OB is proposed to be backfilled.	OB & mineral reject has backfilled in proposed (Dump-D4)	No top soil generated and overburden dumped in back filled area (Dump - D4)
4b	Location of topsoil, OB & mineral reject dumps	Back filling area (Dump-D4) N -1674430 to 1674652 E - 663398to 664170 Active Dump (D3) N - 1674200 to 1674350 E - 665125 to 665210	Back filling area (Dump-D4) N - 1674440 to 1674582 E - 663413 to 663903 Active Dump (D3) - Nil	The entire overburden was dumped in proposed back filled area (Dump D4) It was proposed to backfill the pit upto section D-16 to D-16'. However, it is observed that there is lagging from the proposed quantity/ extent of backfilling and is progressed only upto D12-D12'. RO is directed to issue violations for not achieving the proposed backfilling.
4c	Number of dumps within lease area and outside lease area	4 dumps within leasearea No dumps are proposed outside lease area	4 dumps within leasearea No dumps outside lease area	-
4d	Location of dumps w.r.t. ultimate pit	Dumps are proposed outside the UPL	Dumping were done outside the UPL	In the reporting year only

	limit (Rule 16)			backfilling was carried out.
4e	Number of active & alive dumps	2 Dumps are active (D3& D4)	2 Dumps are active (D3& D4)	-
4f	Number of dead dumps	2 Dumps are inactive (D1& D2)	2 Dumps are inactive (D1& D2)	-
4g	Number of dumps stabilized	2 Dumps (D1& D2)	2 Dumps (D1& D2)	Stabilized with plantation and partially coir matting.
4h	Whether Retaining wall or garland drain all along dumps are there	Yes	Yes	
4i	Length of Retaining wall or garland drain all along dumps	Proposed Retention wall 300.00 Mtrs. & Garland Drain 300.00 Mtrs. at Dump-D4	685 Mtrs was proposed for the period of 5 years (2021-22 to 2025-26) upto 2023-24. 678 Mtrs has been completed, balance 7 Mtrs is not able to construct, due to ground condition.	Reported works are examined in the field and found to be in order.
4j	Number of settling ponds	No proposal	Nil	One settling tankis constructed as per R&R ICFRE.
4k	Specific comments of inspecting officer on waste dump management.	Waste dumps are satisfactorily managed with all engineering measures for stabilization. However, there is shortfall in the proposed extent of backfilling for RO is directed to issue violation letter.		

Solid Waste Management-Backfilling:

S/ No.	Item	Proposals (Year 2023-24)	Actual work (Year 2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Part backfilling proposed	Before starting of backfilling, the area was fully extracted of available mineral in 17.75Ha. area is already back filled in dump D2.	Backfilling as per the IBM approval. However, there is shortfall in the proposed extent of backfilling.
5b	Area under backfilling of mined out area	0.77 Ha.	0.70Ha.	RO is directed to issue violations for not achieving the proposed backfilling.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	No top soil was generated.	Mining operations were proposed to work within the broken up area. Hence no top soil was generated.
5d	Total area fully reclaimed & rehabilitated	17.75Ha.	17.75Ha	

5e	General remarks of inspecting officer on backfilling, reclamation etc.	Backfilling as per the IBM approval. 17.75Ha. area is already back filled in dump D2. However, there is shortfall in the proposed extent of backfilling. RO is directed to issue violations for not achieving the proposed backfilling. Two dumps are fully rehabilitated by way of coir matting and plantation.
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Progressive Mine Closure Plan:

S/No.	Item	Proposals (Year 2023-24)	Actual work (Year 2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2).	Yes	Submitted (26.06.2024)	-
6b	Area available for rehabilitation (ha)	No Proposal	Nil	-
6c	Afforestation done (ha)	0.50 Ha	2.00 Ha	-
6d	No. of saplings planted during the year	312Nos.	500 saplings planted inside the lease 1500 saplings planted Outside the lease	Appears to be correct.
6e	Cumulative no. of plants	No Proposal	47050Nos.	(Inside and outside the lease area)
6f	Any other specific method of rehabilitation	No Proposal	-	-
6g	Cost incurred on watch & care during the year	Rs.1,00,000	Rs.4,91,000	Appears to be in order.
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	772x222x10	590X230X10	RO is directed to issue violations for not achieving the proposed backfilling
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste /tailings	12,08,550 MTs	5,28,976MTs	RO is directed to issue violations for not achieving the proposed backfilling
6j	Compliance on reclamation and rehabilitation by backfilling (iii) afforestation on backfilled area	No proposal	Nil	-
6k	Compliance on reclamation and rehabilitation by backfilling(iv) Rehabilitation by making water reservoir	No proposal	Nil	-
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other	No proposal	Nil	-

	specific means			
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	No Proposal	Nil	-
6n	Compliance of rehabilitation of waste land within lease (ii) area rehabilitation(ha)	No proposal	Nil	-
6o	Compliance of rehabilitation of waste land within lease (iii) method of rehabilitation	No proposal	Nil	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	Environmental monitoring proposed in the core zone & buffer zone	Environmental monitoring carried out in the core zone & buffer zone. Location Core zone: Air- 03 Noise - 03 Fugitive - 02 Location Buffer zone: Air-3, Noise-3 Ground water-6 Surface water-2	Monitoring done by MSV Analytical Laboratories, KEB Circle, Ballari - 583103
6q	General remarks of inspecting officer on PMCP compliance & progressive closure operations.	All the PMCP activities are satisfactorily carried out except for shortfall in the proposed extent of backfilling. RO is directed to issue violations for not achieving the proposed backfilling.		

Mineral Conservation:

S/ No.	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade wise sorting proposed within lease area	Grade wise sorting done within the lease area	-10mm of Fines, 10-40mm of Lumps with a grade of +52%Fe
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanical Sorting and sizing proposed	Mechanical Sorting and sizing done within the ML area	Crushing & Screening adopted
7c	Different grade of mineral sorted out at mines	Different grade of mineral sorted (Fe): 45%-51%, 51%-55% , 55% -58% , 58% -60% , 60% -62% ,	Different grade of mineral sorted (Fe) at the mine: 45% -51%, 51%-55%, 55%-58%, 58%-60%, 60% -62% ,	-
7d	Any beneficiation process at mines	No Proposal	Not Applicable	-

7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	140668.84 Tonnes of average grade 30% fe is booked as Mineral rejects instead of waste and stacked separately which is appreciable. However if this less than notified threshold value grade mineral is wished to be considered mineral rejects, the quantity needs to be considered as ROM Mineral Production. Accordingly RO is directed suitable letter for correction in AR.
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Environment:

S/ No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	No top soil was generated for its usage.	Working in the broken-up area.
8b	Concurrent use or storage of topsoil	No proposal	No top soil was generated	Proposed to work within the broken-up area for plan period.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate waste dump proposed for OB & backfilling, Stacking of fines & lumps separately	Over burden/waste dumped in the D4(proposed backfilling area)	2 dump yard identified for dumping of waste material namely D3&D4(backfilling).
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	OB/Waste generated is proposed for back filling in ore exhausted pit.	OB/Waste generated is used for back filling in ore exhausted pit.	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.)	No proposals in this plan period	Nil	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	-	More Than 47,050No's saplings were planted so far.	Appears to correct.
8g	Survival rate	70%	80%	Appears to correct.
8h	Water sprinkling on roads to control airborne dust	Sprinkling on haul roads proposed to control the air borne dust	Sprinkling on haul roads is carried out regularly to control the dust generated during various mining activities.	5 Tankers with a capacity of 10,000 Kiloliters were utilized for sprinkling of water for dust suppression, plantation & drinking purpose.
8i	General remarks of inspecting officer on aesthetic beauty in and	Aesthetic beauty in and around the mine is found to satisfactorily maintained by way of plantation and existing natural forests surrounding the Mining Lease.		

around mines area

Compliance of Rule 45

Sl.No	Item	Comments	Remarks
9a	Status of submission of Monthly and Annual returns	Monthly Returns submitted up to August-2024 (09.09.2024). Annual Returns is submitted for the year 2023-24.	Annual Report submitted on 26.06.2024.

S/No	Item	Details given in A.R.	Observation of I/Officer	Remarks												
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager:Sri.H.J.Basavarajappa Geologist:Sri.Dr.Yogananda K.S. MiningEngineer:Sri.H.J.Basavarajappa	The reported officials were present on the day of inspection.													
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area Covered under current (O/C) 1)Opencast working - 47.228Ha 2)Reclaimed-rehabilitated - 17.75Ha. 3)Road - 3.00Ha. 4)Infrastructure - 0.70Ha. 5)Waste Disposal -20.31Ha. 6) Others - 45.28Ha. (Green Belt, ST, GD,RW,GP,Untouched area etc	In order.													
9d	Scrutiny of Annual return on afforestation	Within ML =500Nos. Outside ML = 1500Nos. Total = 2000Nos.	Appears to be correct.													
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	140668.84 Tonnes of average grade 30% fe is booked as Mineral rejects instead of waste and stacked separately which is appreciable. However if this less than notified threshold value grade mineral is wished to be considered mineral rejects, the quantity needs to be considered as ROM Mineral Production.	Accordingly RO is directed suitable letter for correction in AR.													
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM in Metric Tonnes Opening stock = 72970 Production= <u>179473</u> Total = 252443 Processed (L & F) = 157000 Closing Stock = 95443 Lumps processed <table border="1"> <tr> <td>45% to 51% Fe</td> <td>12000</td> </tr> <tr> <td>51% to 55% Fe</td> <td>10000</td> </tr> <tr> <td>55% to 58% Fe</td> <td>-</td> </tr> <tr> <td>58% to 60% Fe</td> <td>-</td> </tr> <tr> <td>60% to 62% Fe</td> <td>-</td> </tr> <tr> <td>Total</td> <td>22000</td> </tr> </table> Fines processed	45% to 51% Fe	12000	51% to 55% Fe	10000	55% to 58% Fe	-	58% to 60% Fe	-	60% to 62% Fe	-	Total	22000	Appears to be correct.	-
45% to 51% Fe	12000															
51% to 55% Fe	10000															
55% to 58% Fe	-															
58% to 60% Fe	-															
60% to 62% Fe	-															
Total	22000															

		<table border="1"> <tr> <td>45% to 51% Fe</td> <td>29000</td> </tr> <tr> <td>51% to 55% Fe</td> <td>106000</td> </tr> <tr> <td>55% to 58% Fe</td> <td>-</td> </tr> <tr> <td>58% to 60% Fe</td> <td>-</td> </tr> <tr> <td>60% to 62% Fe</td> <td>-</td> </tr> <tr> <td>Total</td> <td>135000</td> </tr> </table> <p>Dump working : Opening stock-1465547MTs Production - Nil Closing Stock- 1465547MTs</p>	45% to 51% Fe	29000	51% to 55% Fe	106000	55% to 58% Fe	-	58% to 60% Fe	-	60% to 62% Fe	-	Total	135000		
45% to 51% Fe	29000															
51% to 55% Fe	106000															
55% to 58% Fe	-															
58% to 60% Fe	-															
60% to 62% Fe	-															
Total	135000															
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	<p>Cost of Production-Rs.3051.38 per Ton</p> <p>Lumps: Ex-mine Price Rs. 940/Ton 45-51% Fe Rs. 2111/Ton 51-55% Fe Rs.4835/Ton 55-58% Fe Rs.3279/Ton 58-60% Fe Rs.5434/Ton 60-62% Fe</p> <p>Fines Rs. 1684/Ton 45-51% Fe Rs. 3763/Ton 51-55% Fe Rs.3952/Ton 55-58% Fe Rs.4243/Ton 58-60% Fe Rs.3773/Ton 60-62% Fe</p>														
9h	Scrutiny of Annual return on fixed assets	11.79Crores	Appears to be correct.													
9k	Scrutiny of Annual return on mining machineries	<p>1)Excavator = 5 Nos. 2)Wheel Loader= 3 Nos. 3)Dumpers/Tipper =18Nos. 4)Water Tanker= 5Nos. 5)Screening/Crusher =2Nos. 6)Drilling Machine = 3 Nos.</p>	The reported machinery was found deployed on the day of inspection.													

Previous Violation & their status:

Years	Violations observed	Compliance
2021-22	Violation observed vide letter No.KNT/BLR/Fe-376/BNG-Vol-VI-363, Dated:02.03.2022	Complied through letter No.KSMCL/IBM-2/MP/TIOM/2022-23/69, Dated:07.04.2022
2022-23	Violation observed vide letter No.KNT/BLR/Fe-376/BNG-Vol-VI, Dated:09.02.2023	Complied through letter No.KSMCL/TIOM/Violation/IBM-reply/2022-23/3556 , Dated:23.03.2023
2023-24	Violation observed vide letter No.KNT/BLR/FE/376/BNG-Vol-VI, Dated:21.11.2023.	Complied through letter No.KSMCL//HO/TIOM/Violation/IBM-reply/2023-24/2730 , Dated:01.01.2024

V. J. K. BABU,
CONTROLLER OF MINES (SOUTH ZONE)

(Name of inspecting officer with designation and date)