MCDR INSPECTION REPORT

File No. AP/CDP/LST.-22/Hyd. Mine Code: 38APR04015

1	Name of the Inspecting Officer	Shaival Kartikeya
2	Designation	Senior Mining Geologist
3	Accompanying mine Official with Designation	Shri K. Sudhakar, General Manager (Mines)
4	Date of inspection	03-JULY-2024
5	Previous inspection date	18-March-2024

Part -I General Information

S. N.	Particulars	Details
1	Name of the Mine	Bharathi Cement Limestone Mine
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest Area: Nil. Non-Forest: 632.278 Ha. Total Area: 632.278 Ha.
3	Mine code	38APR04015
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/861/2011
5	Name of the lessee, Address, phone, email and fax number	M/s Bharathi Cement Corporation Private Limited 8-2-626, Reliance Majestic, Road No. 10, Banjara Hills, Hyderabad Telangana – 500034 Phone: +91 (0) 40 – 30006999 Fax No.: +91 (0) 40 – 30006977 Email: inhydshared.mines@vicat.com
6	Village	T. Sunkesula and Tippalur
7	Taluk/Mandal	Yerraguntla
8	District	Y.S.R. Kadapa
9	Pincode	516289
10	State	Andhra Pradesh
11	Post office	Nallalingayapalli
12	Nearest police station	Kamalapuram
13	Nearest Railway station	Yerraguntla
14	Date of Grant of Mining Lease	23/09/2006
15	Date of Execution	29/03/2006 to 28/03/2036 (30 Years)
16	Date of opening of Mine	02/02/2009
17	Date of first Renewal, if applicable and its period & expiry	29/03/2036 to 28/03/2056 (20 Years) Supplementary mining lease for the extended period has been executed on 09/02/2023
18	Date of second Renewal, if applicable and its period & expiry	N.A.
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N.A.
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Jella Jagan Mohan Reddy Director, M/s Bharathi Cement Corporation Private Limited 8-2-626, Reliance Majestic, Road No. 10, Banjara Hills, Hyderabad

		Telangana – 500034 Phone: +91 (0) 40 – 30006999 Fax No.: +91 (0) 40 – 30006977 Email: inhydshared.mines@vicat.com DOA: 03/09/2010
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri M. Sairamesh, Chief Manufacturing Officer, M/s Bharathi Cement Corporation Private Limited T. Sunkesula and Tippalur Villages, Yerraguntla Mandal, Y.S.R. Kadapa District, Andhra Pradesh State – 516 289 Email: sairamesh.m@vicat.com Phone: +91 (0) 8985002121 DOA: 22/04/2016
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Kalidindi Sudhakar, GM (Mines) M/s Bharathi Cement Corporation Private Limited T. Sunkesula and Tippalur Villages, Yerraguntla Mandal, Y.S.R. Kadapa District, Andhra Pradesh State – 516 289 Email: sudhakar.k@vicat.com Phone: +91 (0) 8985600605 DOA: 22/06/2018
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Kalidindi Sudhakar, GM (Mines) M/s Bharathi Cement Corporation Private Limited T. Sunkesula and Tippalur Villages, Yerraguntla Mandal, Y.S.R. Kadapa District, Andhra Pradesh State – 516 289 Email: sudhakar.k@vicat.com Phone: +91 (0) 8985600605 DOA: 01/04/2019 Qualification: AMIE (Mining) Experience: +20 Years
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes appointed. Shri M. Ramesh Babu, M/s Bharathi Cement Corporation Private Limited T. Sunkesula and Tippalur Villages, Yerraguntla Mandal, Y.S.R. Kadapa District, Andhra Pradesh State – 516 289 Email: ramesh.babu@vicat.com Phone: +91 (0) 7815846352 DOA: 22/03/2024 Qualification: MSc (Geology) Experience: +10 Years
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan approved vide letter no. MP/AP/CDP/Lst.-113-SZ Proposal period: 2006-07 to 2010-11
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Modification of Mining Plan approved vide letter no. 659(549)/LST./2006/HYD. Dated 23/07/2024 Proposal period: 2024-25 to 2027-28

27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Category A Fully Mechanised
30	Captive/ Non captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. (Duplication of information in existing TMIS data sheets and draft write up has been avoided.)

1.0 Exploration

S.N.	Item	Proposals F.Y. 2022-23	Actual work F.Y. 2022-23	Remarks
1a	Backlog of previous year	No proposal.	Nil.	The entire lease area has already been explored under G1 level of exploration
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal.	Nil.	-do-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal.	Nil.	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	Nil.	-do-
1e	Balance reserves as on 01.04.2024	Balance reserves and resource as on 01/07/2024 Under (111): 269.920063 Million Tonnes Under (211): 105.969640 Million Tonnes	Balance reserves and resource as on 01/07/2024 Under (111): 269.920063 Million Tonnes Under (211): 105.969640 Million Tonnes	Average grade: CaO-46.94%, MgO-1.14%, SiO2-12.34% The updated reserves and resources has been obtained from the latest approved Modified Mining Plan dated 23/07/2024.
1f	General remarks of inspecting officer on	The lease area forms a part of Cuddapah Super group which has two distinct sub basins (Kurnool		

	geology, exploration etc.	and Palnad Sub basins). These sub basins are made up of sandstone, shale, and limestone which is included in the Kurnool Sub group of middle to upper Proterozoic age co-relatable with Vindhyan Super group of Northern India. In the Kurnool group the Narji Limestone formation has two distinct components viz the lower massive, limestone and the upper calcareous flaggy stone. The limestone is of cement grade and constitutes the main source of raw material to several cement plants in the region. Narji limestone exist western part of Kurnool basin Veparala to South side to Pendlimarri with or with out cavities. Famous Belum caves are formed in this formation. The stratigraphic sequence of the rocks of Kurnool basin, as classified by Nagaraja Rao & Ramalinga Swamy (1976) is as given below: Group Formation Lithology & Thickness Kurnool Nandyal Shale Shale 50-100m Koilakuntla Limestone Limestone 10-30m Paniam Quartzite Quartzite 10-35m Owk Shale Shale Ochers 10-15m Narji Limestone Limestone 100-200m Banaganapalle Quartzite, Quartzite 10 - 57m Cuddapah Super Group Tadipatri Shale Shale The Narji Limestone formation is of economic interest in view of the immense cement grade limestone potential it holds. Based on this limestone potentiality, a number of cement plants have come up in the Anantapur, Cuddapah, Kurnool, Guntur and Krishna districts of A.P. This area forms a part of Narji Limestone formations, Kurnool group of rocks. The general geological sequence of rock formations found in the lease area on the basis of field observations (marked on the geological plan) are as given below: -- Black Cotton Soil / Calcareous Soil - 0.50m to 19.00m -- Dark Gray Limestone/(Siliceous/Flaggy) - 0.00m to 24.00m -- Dark Grey Limestone - 0.00m to 52.00m -- Quartzite/Grey Sandstone - 0.00m to 3.00m Outcrops of Limestone are seen in the nalas, bordering the western boundary (Pageru) and the eastern boundary (Erravanka) of the M.L. area and also in the old quarries and pits. Massive Limestone outcrops are seen on the surface in the western part of the lease with scanty soil cover. In the middle parts of the area, the Limestone is covered with a thick mantle of black cotton soil, which extends right up to the eastern nala, the Erravanka Outcrops seen in the Erravanka stream are of flaggy and siliceous limestone. Similar outcrops also occur in the northern part close to the Nallalingayapalle-Pandillapalli road with variable thickness ranging from 0 m to 19 m, where the face of the pit is exposed and it shows positive nature of flaggy limestone with high silica content and the limestone occurring in the eastern part between longitude E6700- E 7500 of the lease area is showing similar

		composition like flaggy limestone which is enriched with silica, as observed in the boreholes drilled. Hence it is considered as Siliceous Limestone. The general trend of the limestone varies from N 23d W - S 23d E to N 45d W - S 45d E with gentle north dips of 5 to 15 North 67d East. The weighted average grade of the entire deposit is found to be CaO-44.06%, SiO2-14.32% & MgO- 1.13%. Qualitatively the dark grey Limestone (flaggy/siliceous) can be utilized by blending judiciously with limestone for cement making.

2.0 Development

S.N.	Item	Proposals F.Y. 2023-24	Actual work F.Y. 2023-24	Remarks
2a	Location of development w.r.t. lease area	In between UTM co-ordinates (i) N1614897 to N1615353 and E240258 to E240608, (ii) N1615397 to N1614902 and E238807 to E240244, (iii) N1615535 to N1615147 and E238823 to E239986, (iv) N1666874 to N1666943 and E196449 to E196502	In between UTM co-ordinates (i) N1615385 to N1615691 and E238248 to E240608, (ii) N1615426 to N1615656 and E238396 to E240244, (iii) N1615017 to N1615384 and E240173 to E240290, (iv) N1615164 to N161535 and E24015 to E240228,	Deviation has been pointed out. For rectification of the area deviation, modified mining plan has been submitted.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Topsoil: 01 no. Overburden: 01 no. Mineral/Ore: 05 nos.	Topsoil: 01 no. Overburden: 01 no. Mineral/Ore: 05 nos.	-
2c	Stripping ratio or ore to OB ratio	1 : 0.0183	1 : 0.0255	-
2d	Quantity of topsoil generation in m3	68800.0 CuM	218419.0 CuM	Due to lateral development of the pit, excess topsoil has been generated.
2e	Quantity of overburden generation in m3	275200.0 CuM	126864.0 CuM	-
2f	General remarks of inspecting officer on	The development and production is being done through fully mechanized means.		

	development of pit w.r.t. type of deposit etc.	

3.0 Exploitation

S.N.	Item	Proposals F.Y. 2023-24	Actual work F.Y. 2023-24	Remarks
3a	Number of pits proposed for production	OB/Waste 01 no. over mined out area. In between UTM co-ordinates N1615115 to N1615436 to E239575 to E239672	OB/Waste: 01 no. over mined out area. In between UTM co-ordinates N1615238 to N1615368 and E239575 to E239701	Deviation has been pointed out. For rectification of the area deviation, modified mining plan has been submitted.
3b	Quantity of ROM mineral production proposed	60,00,000.000 Tonnes	49,80,000.000 Tonnes	-
3c	Recovery of salable/usable mineral from ROM production	100 %	100 %	-
3d	Quantity of mineral reject generation	No proposal.	Nil.	-
3e	Grade of mineral reject generation and threshold value declared	No proposal.	Nil.	-
3f	Quantity of sub-grade mineral generation	No proposal.	Nil.	-
3g	Grade of sub-grade mineral generation	No proposal.	Nil.	-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised screening and crushing has been proposed.	Mechanised screening and crushing is being done.	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal.	Nil.	-
3j	Provision of drilling & blasting in mineral benches	Diameter: 150.0 mm Spacing: 8.0 m Burden: 5.0 m Depth: 9.0 m Explosive: AFNO	Diameter: 150.0 mm Spacing: 8.0 m Burden: 5.0 m Depth: 9.0 m Explosive: AFNO	-
3k	Provision of mining machineries in mineral benches	1. Excavators 04 nos. with 5.0 CuM (01 no.) and 6.5 (03 nos.) CuM bucket capacity 2. Loader 01 no. with 6.5 CuM	1. Back Hoe 03 nos. with 6.5 CuM bucket capacity. 2. Dumpers 10 nos. with 55 Tonnes carrying	-

		bucket capacity. 3.Dumpers 10 nos. with 22.0 CuM carrying capacity. 4. Water Tanker 02 nos. with 10000 Liters capacity. 5. Drilling Machine 02 nos. with 150.00 mm bit size. 6. Explosive Van 02 nos. with 10 CuM capacity. 7. Service Van 01 no. with 10 CuM capacity. 8. Road Grader 01 no. 9. Soil Compactor 01 no. 10. LMV – Field use 02 nos. 11. Ambulance 01 no.	capacity. 3. Wheel Loader 01 no. with 6.50 CuM bucket capacity. 5. Drilling Machine 02 nos. with 150.00 mm bit size. 6. Drilling Machine 02 nos. with 150.00 mm bit size. 7. Service Van 01 no. with 10 CuM capacity. 8. Dozer 01 no. with 308.0 HP capacity. 9. Road Roller 01 no. with 11.0 Tonnes capacity. 10. Motor Grader 01 no. with 150 HP capacity. 11. Air Compressor 01 no. with 325.0 CuM/Mn capacity.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Topsoil: Nil Overburden: 8.0 m. Mineral/Ore: 8.0 m.	Topsoil: Nil Overburden: 8.0 m. Mineral/Ore: 8.0 m.	-
3m	Total area covered under excavation/pits	142.66 Ha. Up to the end of F.Y. 2023-24.	138.070 Ha. Up to the end of F.Y. 2023-24.	-
3n	Ore to OB ratio for the pit/mine during the year	1 : 0.0183	1 : 0.0255	-
3o	Total area put in use under different heads at the end of year	Pit- 142.66 Ha. OB/Waste- Nil. Others- 45.91 Ha. Up to end of F.Y. 2023-24	Pit- 138.070 Ha. OB/Waste- Nil. Others- 56.84 Ha. Up to end of F.Y. 2023-24	-
3p	Production of ROM mineral during last five-year period, as applicable	Yr. 2019-20: 50,01,025.00 Tonnes Yr. 2020-21: 50,00,440.00 Tonnes Yr. 2021-22: 50,00,450.00	Yr. 2019-20: 37,07,491.00 Tonnes Yr. 2020-21: 36,85,807.00 Tonnes Yr. 2021-22: 41,50,000.00	-

		Tonnes Yr. 2022-23: 50,00,100.00 Tonnes Yr. 2023-24: 60,00,000.00 Tonnes	Tonnes Yr. 2022-23: 49,31,613.00 Tonnes Yr. 2023-24: 49,80,000.00 Tonnes	
3q	General remarks of inspecting officer on method of mining etc.	Mining has been carried out through the opencast method with fully mechanized means using conventional drilling and blasting.		

4.0 Solid Waste Management-Dumping

S.N.	Item	Proposals F.Y. 2023-24	Actual work F.Y. 2023-24	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Proposal has been given in the approved document for Stacking and Topsoil in the earmarked locations and the dumping of Overburden in the mined out pit in between UTM Co-ordinates Topsoil: N1614762 to N1614874 and E239924 to E240058 Overburden: N1615115 to N1615436 to E239575 to E239672	Separate stacking of the topsoil and the dumping of overburden in the mined out pit has been done in between UTM co-ordinates Topsoil: N1614661 to N1614850 and E239937 to E240160 Overburden: N1615238 to N1615368 and E239575 to E239701	Deviation has been pointed out. For rectification of the area deviation, modified mining plan has been submitted.
4b	Location of topsoil, OB & mineral reject dumps	In between UTM Co-ordinates Topsoil: N1614762 to N1614874 and E239924 to E240058 Overburden: N1615115 to N1615436 to E239575 to E239672	In between UTM co-ordinates Topsoil: N1614661 to N1614850 and E239937 to E240160 Overburden: N1615238 to N1615368 and E239575 to E239701	-do-
4c	Number of dumps within lease area and outside lease area	Within mining lease Topsoil: 01 no. Overburden/Waste:	Within mining lease Topsoil: 01 no. Overburden/Waste:	-

		01 no.	01 no.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Topsoil: Within ultimate pit limited. OB/Waste: Over the mined out area (Beyond UPL)	Topsoil: Within ultimate pit limited. OB/Waste: Over the mined out area (Beyond UPL)	-
4e	Number of active & alive dumps	Topsoil: 01 no. OB/Waste: 01 no.	Topsoil: 01 no. OB/Waste: 01 no.	-
4f	Number of dead dumps	No proposal.	Nil.	-
4g	Number of dumps stabilized	No proposal.	Nil.	-
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal.	Nil.	-
4i	Length of Retaining wall or garland drain all along dump	No proposal.	Nil.	-
4j	Number of settling ponds	No proposal.	Nil.	-
4k	Specific comments of inspecting officer on waste dump management.	Nil.		

5.0 Solid Waste Management-Backfilling

S.N.	Item	Proposals F.Y. 2023-24	Actual work F.Y. 2023-24	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	1.50 Ha. mined out area has been proposed for backfilling with 275200.0 CuM of overburden/waste in between UTM co-ordinates N1615115 to N1615436 to E239575 to E239672	0.43 Ha. mined out area has been backfilled with 126864.0 CuM of overburden/waste in between UTM co-ordinates N1615238 to N1615368 and E239575 to E239701	-
5b	Area under backfilling of mined out area	1.50 Ha. mined out area.	0.43 Ha. mined out area.	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	3990.0 CuM of generated topsoil will be utilized for plantation over 0.20 Ha. area.	1,27,950.0 CuM of topsoil has been utilized for plantation in 0.20 Ha. area and the remaining quantity has been stacked in between UTM co-ordinates	-

			N1614661 to N1614850 and E239937 to E240160	
5d	Total area fully reclaimed & rehabilitated	1.50 Ha. area has been proposed for backfilling in between UTM co-ordinates N1615115 to N1615436 to E239575 to E239672	0.43 Ha. area has been backfilled in between UTM co-ordinates N1615238 to N1615368 and E239575 to E239701	-
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Nil.		

6.0 Progressive Mine Closure Plan

S.N.	Item	Proposals F.Y. 2023-24	Actual work F.Y. 2023-24	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.	As per rule 26(2), lessee has to submit the annual report before 1st day of July of every year.	Annual report on PMCP for F.Y. 2023-24 has been submitted before due date.	The given information has been cross verified during inspection.
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	 1.50 Ha. No proposal. No proposal. No proposal. Backfilling Rs. 1125000/-	 0.43 Ha. Nil. Nil. Nil. Backfilling Not available.	-
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	 3,00,000.00 CuM 2,75,200.0 CuM No proposal. No proposal. Through backfilling	 3,00,000.00 CuM 1,26,864.0 CuM Nil. Nil. Through backfilling	-
6d	Compliance of			-

	Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	 500 nos. 0.20 Ha. By plantation.	 500 nos. 0.20 Ha. By plantation.	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal has been given in the approved document for regular monitoring of the environmental parameters in the core and buffer zone.	Being done as per proposal.	All the parameters are within the permissible limits.
6f	General remarks of inspecting officer on PMCP compliance & progressive closure operations	Nil.		

7.0 Mineral Conservation

S.N.	Item	Proposals F.Y. 2023-24	Actual work F.Y. 2023-24	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM/Ore will be dispatched directly to the crusher plant without sorting.	Being done as per proposal.	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal for grade wise sorting.	ROM/Ore is being dispatched to the captive plant without sorting.	-
7c	Different grade of mineral sorted out at mines	-do-	-do-	-
7d	Any beneficiation process at mines	No Proposal.	NIL.	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Nil.		

8.0 Environment

S.N.	Item	Proposals F.Y. 2023-24	Actual work F.Y. 2023-24	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Proposal has been given in the approved	Topsoil has been removed and stacked in	Excess topsoil has been

		document for separate removal of topsoil and stacking in between UTM co-ordinates N1614762 to N1614874 and E239924 to E240058.	between UTM co-ordinates N1614661 to N1614850 and E239937 to E240160.	generated during F.Y. 2023-24. Deviation has been pointed out.
8b	Concurrent use or storage of topsoil	3990.00 CuM of topsoil will be utilized for plantation over 0.20 Ha. area.	1,27,950.0 of topsoil has been utilized for plantation over 0.20 Ha. area.	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposal has been given in the approved document for Stacking and Topsoil in the earmarked locations and the dumping of Overburden in the mined out pit in between UTM Co-ordinates Topsoil: N1614762 to N1614874 and E239924 to E240058 Overburden: N1615115 to N1615436 to E239575 to E239672	Separate stacking of the topsoil and the dumping of overburden in the mined out pit has been done in between UTM co-ordinates Topsoil: N1614661 to N1614850 and E239937 to E240160 Overburden: N1615238 to N1615368 and E239575 to E239701	Deviation has been pointed out. For rectification of the area deviation, modified mining plan has been submitted.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	2,75,200.0 CuM of overburden/waste will be utilized for backfilling in 1.50 Ha. mined out area.	1,26,864.0 CuM of overburden/waste has been utilized for backfilling in 0.43 Ha. mined out area.	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	2,75,200.0 CuM of overburden/waste will be utilized for backfilling in 1.50 Ha. mined out area.	1,26,864.0 CuM of overburden/waste has been utilized for backfilling in 0.43 Ha. mined out area.	-
8f	Baseline information on	500 nos. of saplings	500 nos. of	-

	existence of plantation & additional plantation done (Rule 41)	will be planted over 0.20 Ha. area.	saplings has been planted over 0.20 Ha. area.	
8g	Survival rate	80% to 85%	Approx 80%	-
8h	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling on roads to control airborne dust through the water tanker.	Being done as per proposal.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Nil.		

9.0 Compliance of Rule 45

S.N.	Item	COMMENTS	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to December 2024 A.R. Submitted up to F.Y. 2023-24	Nil.

S.N.	Item	Details GIVEN in A.R. F.Y. 2023-24	Observation of I/Officer F.Y. 2023-24	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager: Shri Kalidindi Sudhakar. Mining Engineer: Shri Kalidindi Sudhakar. Geologist: Shri Rameshbabu M.	Manager: Shri Kalidindi Sudhakar. Mining Engineer: Shri Kalidindi Sudhakar. Geologist: Shri Rameshbabu M.	Nil.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit- 138.070 Ha. OB/Waste- Nil. Others- 56.84 Ha.	Pit- 138.070 Ha. OB/Waste- Nil. Others- 56.84 Ha.	Nil.
9d	Scrutiny of Annual return on afforestation	Within ML: 500 nos. with 80% survival rate. Outside ML: 1200 nos. with 80% survival rate.	Within ML: 500 nos. with 80% survival rate. Outside ML: 1200 nos. with 80% survival rate.	Nil.
9e	Scrutiny of Annual return on mineral reject generation (Grade &	Mineral Reject: Nil.	Mineral Reject: Nil. Grade: Nil.	Nil.

	quantity)	Grade: Nil.		
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Mineral Reject: Nil. Grade: Nil.	Mineral Reject: Nil. Grade: Nil.	Nil.
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale value: Rs. 1047294000.00 Ex-mine Price: Rs. 210.30 Per Metric Tonne Cost of Production: Rs. 210.30 Per Metric Tonne	Sale value: Rs. 1047294000.00 Ex-mine Price: Rs. 210.30 Per Metric Tonne Cost of Production: Rs. 210.30 Per Metric Tonne	Nil.
9i	Scrutiny of Annual return on fixed assets	Rs. 2818225147/-	Rs. 2818225147/-	Nil.
9k	Scrutiny of Annual return on mining machineries	1. Back Hoe 03 nos. with 6.5 CuM bucket capacity. 2. Dumpers 10 nos. with 55 Tonnes carrying capacity. 3. Wheel Loader 01 no. with 6.50 CuM bucket capacity. 5. Drilling Machine 02 nos. with 150.00 mm bit size. 6. Drilling Machine 02 nos. with 150.00 mm bit size. 7. Service Van 01 no. with 10 CuM capacity. 8. Dozer 01 no. with 308.0 HP capacity. 9. Road Roller 01 no. with 11.0 Tonnes capacity. 10. Motor Grader 01 no. with 150 HP capacity. 11. Air Compressor 01	1. Back Hoe 03 nos. with 6.5 CuM bucket capacity. 2. Dumpers 10 nos. with 55 Tonnes carrying capacity. 3. Wheel Loader 01 no. with 6.50 CuM bucket capacity. 5. Drilling Machine 02 nos. with 150.00 mm bit size. 6. Drilling Machine 02 nos. with 150.00 mm bit size. 7. Service Van 01 no. with 10 CuM capacity. 8. Dozer 01 no. with 308.0 HP capacity. 9. Road Roller 01 no. with 11.0 Tonnes capacity. 10. Motor Grader 01 no. with 150 HP capacity. 11. Air Compressor 01 no. with 325.0 CuM/Mn capacity.	Machinery log books has been cross verified during inspection.

		no. with 325.0 CuM/Mn capacity.		

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

No outstanding violation.

(Name of inspecting officer with designation and date)

Shaival Kartikeya
Senior Mining Geologist
Date of Inspection 03/07/2024